1st Avenue and East 90th Street Investigation

Site Number: 231008
Call Out ID: 123948
1st Avenue and East 90th Street
Manhattan, New York 10013

Report Date:

November 2, 2015

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1st Avenue and East 90th Street Investigation

1st Avenue and East 90th Street
Manhattan, New York 10013

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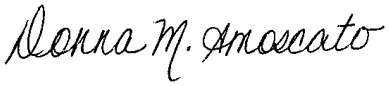

Donna Amoscato
Project Scientist

November 2, 2015

Date

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TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 Introduction

EnviroTrac Ltd. (EnviroTrac) was retained by New York State Department of Environmental Conservation (NYSDEC) under Contract No. C100902 to conduct a groundwater investigation at the area surrounding 1st Avenue and East 90th Street in the Upper East Side of Manhattan, New York, herein referred to as the Site (Site No: 231008). A United States Geological Survey (USGS) topographic map is included as **Figure 1**. Photographic documentation of Site and well conditions are included in **Appendix A**. This investigation was conducted pursuant to the NYSDEC Standby Contractor Work Authorization (Call Out) Form received by EnviroTrac on June 12, 2015, which is included in **Appendix B**.

2.0 Site Background

The site is located in the Upper East Side of Manhattan (**Figure 1**). It is approximately centered on a 22-story apartment building located on the southeast corner at the intersection of 1st Avenue and 90th Street (**Figure 2**). The location was previously a Mobil Station, which closed in 1998. As part of the closure activities, all underground storage tanks (USTs), dispenser islands, and associated piping was removed in 1999. In addition, petroleum-contaminated soil was excavated and disposed off-site. Groundwater samples collected in the spring of 2002 identified the chlorinated compounds tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (DCE) at concentrations in exceedance of their respective Title 6 New York Codes, Rules and Regulations (6 NYCRR) Part 703.5, Class GA standards. These volatile organic compounds (VOCs) are not commonly associated with a petroleum release but are typical solvents used in dry cleaning operations. Historically there have many dry cleaners in the immediate vicinity of the site. The source area was expected to be up-gradient of the apartment building property.

The depth of groundwater is approximately 12 feet below ground surface (bgs). Due to the depth of groundwater, the potential existed for PCE vapors to enter basement areas.

The NYSDEC assigned URS to conduct investigative work in 2002-2003. A Phase I (Immediate Investigation Work Assignment), Soil-Gas Conduit Installation and Sampling, and subsequent field work was completed in November 2003. A Field Investigation Report was issued by URS in January 2004.

A Phase II Site Characterization which included soil-gas conduit installation and sampling, monitoring well installation and groundwater sampling, was conducted in 2005 by URS. A Data Summary Report was issued in March 2005.

A Phase III Site Characterization, which included monitoring well installation and groundwater sampling, was completed in June 2005. A Data Summary Report was issued in August 2005. Additionally, monitoring well installation and groundwater sampling was completed in May 2006, January 2007 and October 2008. Additional groundwater sampling was also completed on August 26, 2006. Data Summary and Letter Reports were issued after each event.

EnviroTrac, under Call-Out ID: 123948, was assigned to the site to conduct low flow groundwater sampling, gauging activities, well maintenance and select well abandonment at the Site from July through August 2015. A summary of the work conducted at the Site is presented below.

3.0 Groundwater Monitoring Well Gauging

Between July 20 through August 4, 2015, EnviroTrac attempted to access a total of 63 groundwater monitoring wells at the Site. Five (5) monitoring wells were found to be destroyed from ongoing construction in the area (MW-1, MW-2, MW-14, MW-28 and MW-30). Additionally, seven (7) groundwater monitoring wells were within active construction zones and were not accessible to gauge or sample (MW-18, MW-21, MW-39, MW-51A, MW-57A, MW-58 and UK-3). Groundwater depths ranged from 7.45 feet below casing (ft. bc.) (MW-19) to 28.18 ft. bc. (MW-53) in the wells which were accessible and able to be gauged for depth to groundwater. Monitoring wells MW-25 and MW-53 did not contain enough water to sample and were subsequently abandoned on August 20, 2015 under the direction of the NYSDEC. Additionally, MW-42 did not

contain enough water for sampling but was left intact. Well gauging data, is included in **Table 1**. Groundwater flow direction is depicted in **Figure 3** and appears to be flowing in a northeasterly direction.

4.0 Low-Flow Groundwater Sampling

Following well gauging, monitoring wells MW-3 through MW-8, MW-8D, MW-9 through MW-13, MW-15 through MW-17, MW-19, MW-20, MW-22 through MW-24, MW-26, MW-27, MW-29, MW-31 through MW-38, MW-40, MW-41, MW-43 through MW-52 and MW-54 through 56 and MW-59 were sampled using a low-flow bladder pump. Low-Flow groundwater sampling commenced on July 20, 2015 and concluded on August 4, 2015. The bladder pump was connected to a flow through cell and YSI multi-parameter meter to observe parameter stabilization and turbidity readings during low-flow purging activities. Parameter readings for temperature, dissolved oxygen (DO), oxygen reduction potential (ORP), conductivity, and pH, were taken every 15 minutes and a groundwater sample was collected once the turbidity level dropped under 50 NTU and all parameters stabilized within 10% of their prior reading. If NTUs were not under 50 but the parameters were stabilized, the groundwater sample was taken after an hour of low-flow purging. Water generated by purging the monitoring wells was collected in 55-gallon drums for disposal. A waste characterization sample was analyzed for disposal purposes. Waste disposal manifests for all generated drums are presented in **Appendix C**. Additionally, Low Flow Sampling Data Sheets are provided in **Appendix D**. The groundwater samples were submitted to Test America for analysis of VOCs via EPA Method 8260 (Category B deliverables). A copy of the laboratory reports is provided in **Appendix E**.

A Data Usability Summary Report (DUSR) was conducted by Environmental Data Services, Inc. of Williamsburg, Virginia using guidance from the US EPA Region 2 validation Standard Operating Procedures, the US EPA National Functional Guidelines for Data Review, as well as professional judgment. A copy of the DUSR is presented as **Appendix F.**

5.0 Groundwater Analytical Results

Consistent with previous sampling events, the predominant area of impacted groundwater is along 1st Avenue between East 89th and East 90th Streets. The highest PCE concentrations were found in wells MW-10 and MW-46 (5,800 micrograms per liter (ug/L) and 2,300 ug/L, respectively). The next highest concentrations of PCE were detected in MW-8 and MW-8D at 370 ug/L and 390 ug/L, respectively. The highest DCE concentrations were also found in wells MW-10 and MW-46 (210 ug/L and 520 ug/l, respectively). TCE was also detected at MW-8, MW-8D, MW-10 and MW-46 at concentrations ranging from 360 ug/L at MW-46 to 35 ug/L at MW-8D and 3.9 ug/L at MW-11. Vinyl chloride was detected at MW-9 at a concentration of 9.5 ug/L. Additionally, multiple wells (MW-11, MW-12, MW-13, MW-31 and MW-59) had detections of select VOCs that exceeded Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA Groundwater Criteria. Remaining wells sampled had either non-detectable concentrations of VOCs and/or concentrations of VOCs below TOGS Groundwater Criteria. Refer to **Table 2** and **Figure 4** for a summary of the groundwater analytical results.

According to the DUSR, no results were rejected. Any additional qualifications of the results from the validation have been incorporated to the summary data table which is summarized in **Table 2** and depicted on **Figure 4**. Copies of the laboratory analytical reports are provided in **Appendix E** and the DUSR provided in **Appendix F** provide detailed information regarding the data review conducted and any qualifications presented.

6.0 Summary

A total of 47 out of 63 groundwater monitoring wells were sampled for VOCs. According to the DUSR, no results were rejected. Any additional qualifications of the results from the validation have been incorporated to the summary data table which is summarized in **Table 2** and depicted on **Figure 4**.

Consistent with previous sampling events, the predominant area of impacted groundwater is along 1st Avenue between East 89th and East 90th Streets and groundwater flow direction is generally toward the northeast. Five (5) monitoring wells were found to be destroyed from ongoing construction in the area (MW-1, MW-2, MW-14, MW-28 and MW-30). Additionally, seven (7) groundwater monitoring wells were within active construction zones and were not accessible to gauge or sample (MW-18, MW-21, MW-39, MW-51A, MW-57A, MW-58 and UK-3). Monitoring wells MW-25 and MW-53 did not contain enough water to sample and were subsequently abandoned on August 20, 2015 under the direction of the NYSDEC. Additionally, MW-42 did not contain enough water for sampling but was left intact. Routine maintenance was performed on accessible monitoring wells that included replacement of bolts as needed, miscellaneous repairs, etc.

FIGURES

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TOPOGRAPHIC MAP

Figure 1
Site Location Map

1st Avenue &
East 90th Street
New York, NY

USGS Quadrangle:
Central Park

Approx. Elevation:
31 feet

N
W E
S

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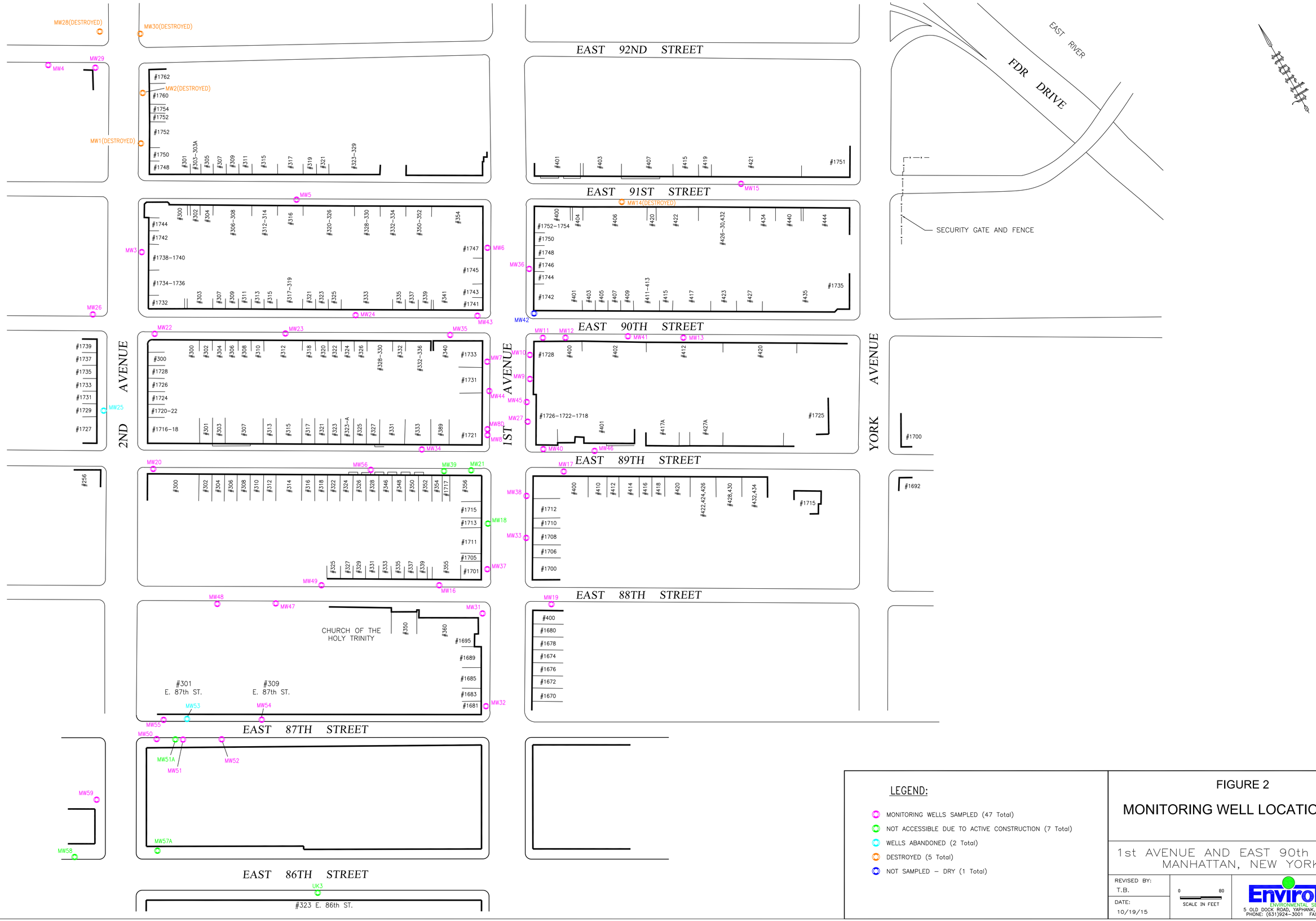

LEGEND:

- MONITORING WELLS SAMPLED (47 Total)
- NOT ACCESSIBLE DUE TO ACTIVE CONSTRUCTION (7 Total)
- WELLS ABANDONED (2 Total)
- DESTROYED (5 Total)
- NOT SAMPLED – DRY (1 Total)

FIGURE 2

MONITORING WELL LOCATION MAP

1st AVENUE AND EAST 90th STREET
MANHATTAN, NEW YORK

REVISED BY: T.B.

DATE: 10/19/15

0 80
SCALE IN FEET

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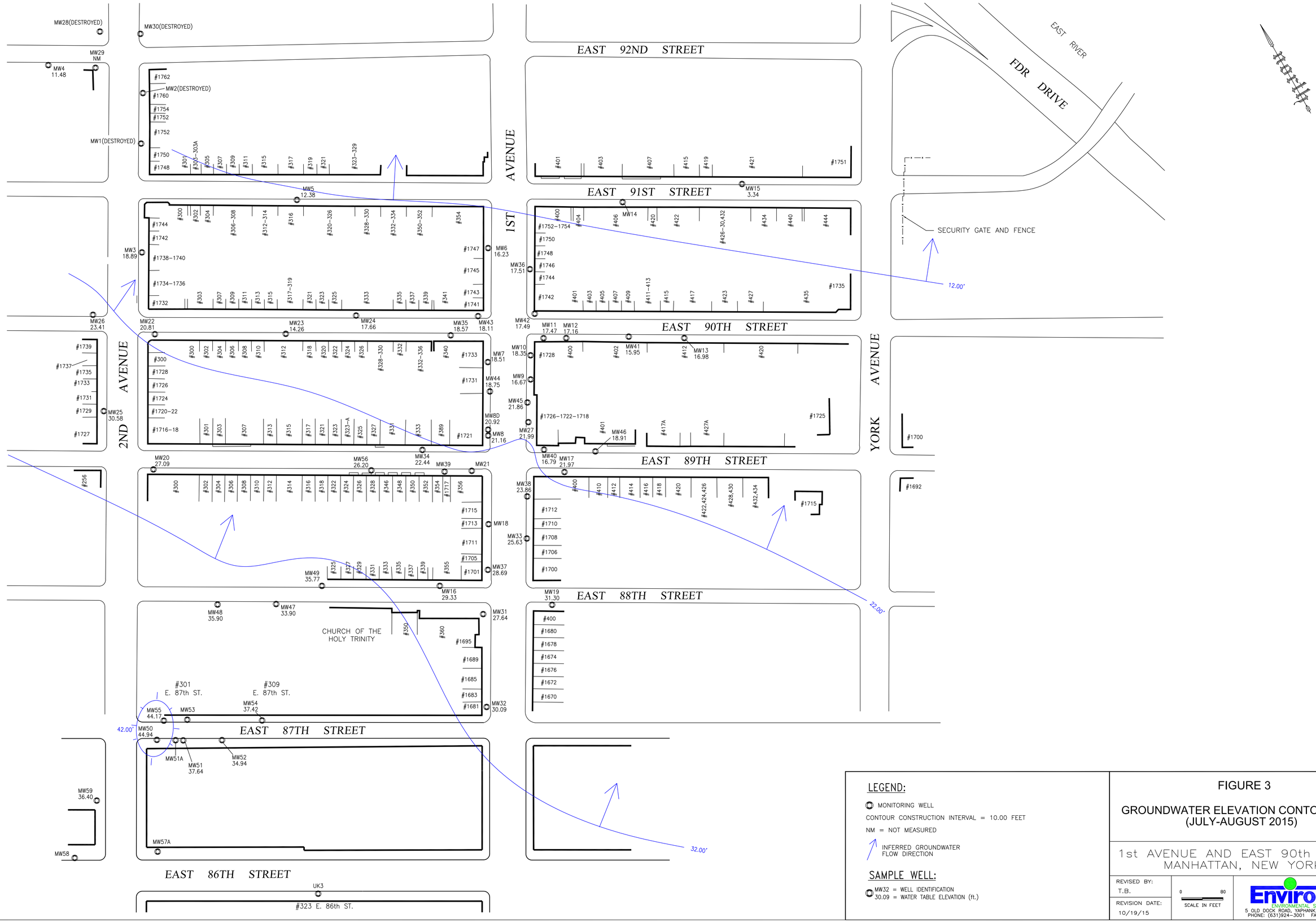

LEGEND:

- MONITORING WELL
- CONTOUR CONSTRUCTION INTERVAL = 10.00 FEET
- NM = NOT MEASURED
- INFERRED GROUNDWATER FLOW DIRECTION

SAMPLE WELL:

MW32 = WELL IDENTIFICATION
30.09 = WATER TABLE ELEVATION (ft.)

FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP (JULY-AUGUST 2015)

1st AVENUE AND EAST 90th STREET
MANHATTAN, NEW YORK

REVISED BY: T.B.
REVISION DATE: 10/19/15

0 80
SCALE IN FEET

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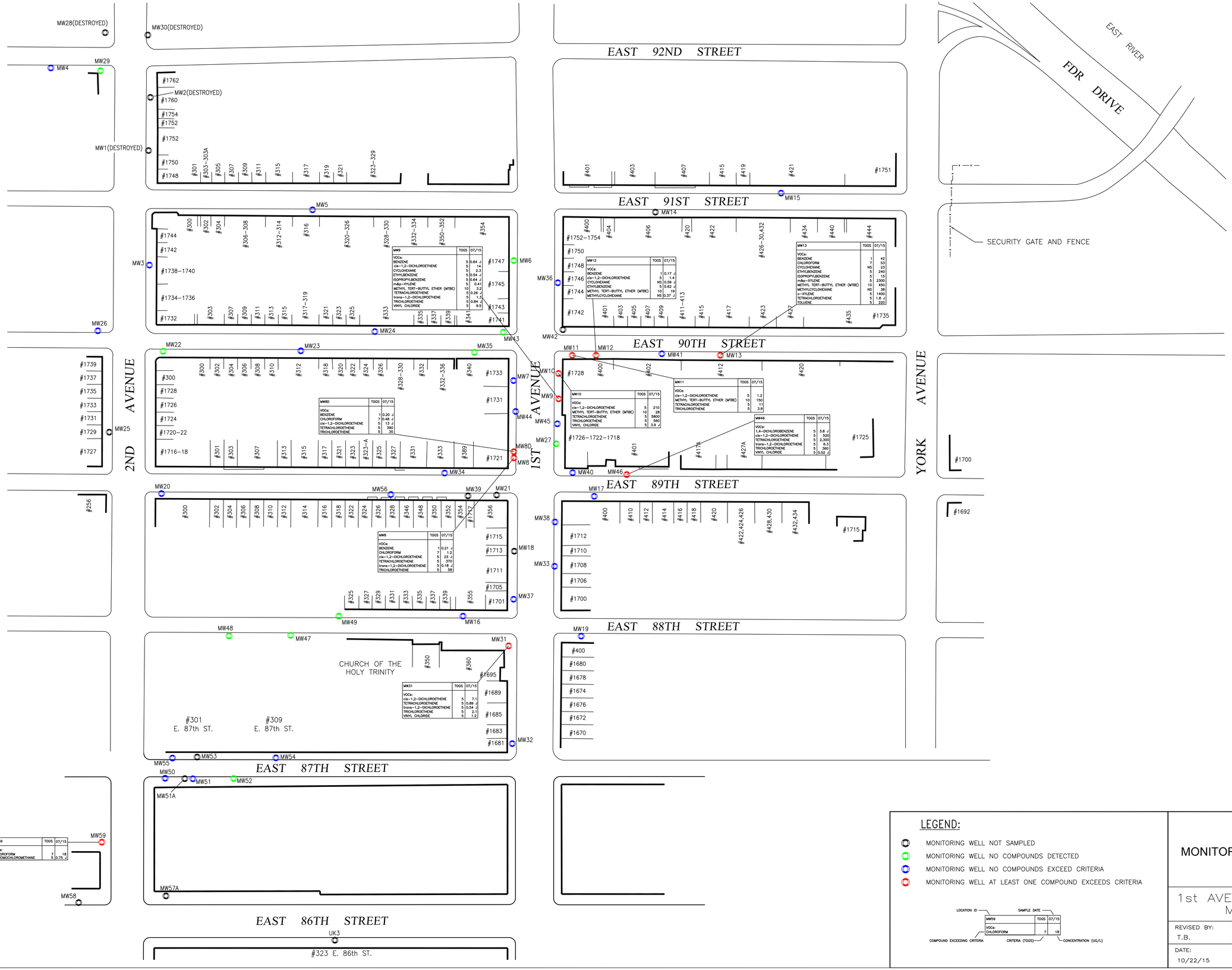

LEGEND:

- MONITORING WELL NOT SAMPLED
- MONITORING WELL NO COMPOUNDS DETECTED
- MONITORING WELL NO COMPOUNDS EXCEED CRITERIA
- MONITORING WELL AT LEAST ONE COMPOUND EXCEEDS CRITERIA

LOCATION ID — SAMPLE DATE — COMPOUND EXCEEDING CRITERIA — CRITERIA (TOGS) — CONCENTRATION (UG/L)

MW59 | TOGS | 07/15
VOCs: CHLOROFORM | 7 | 18

FIGURE 4

MONITORING WELL ANALYTICAL RESULTS (JULY 2015)

1st AVENUE AND EAST 90th STREET
MANHATTAN, NEW YORK

REVISED BY: T.B.
DATE: 10/22/15

0 80
SCALE IN FEET

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TABLES

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Table 1- Well Gauging Data
1st and E. 90th Street Investigation
NY, NY

Well Location	Date Measured	Well Casing Elevation	Water Table Elevation	Depth to Water (ft. bc.)	Depth to Bottom (ft. bc.)	Conductivity	pH	Temp.	Turbidity	DO
MW-01	DESTROYED									
MW-02	DESTROYED									
MW-03	7/29/2015	34.86	18.89	15.97	28.55	2,468	4.41	19.58	40.1	1.74
MW-04	8/4/2015	35.17	11.48	23.69	31.21	35.29	4.59	20.34	60.8	7.66
MW-05	8/3/2015	28.87	12.38	16.49	19.07	485	6.47	24.37	119.6	0.37
MW-06	7/30/2015	27.81	16.23	11.58	31.68	14,700	5.03	20.39	126.4	1.12
MW-07	7/24/2015	31.53	18.51	13.02	29.78	3,002	4.37	20.74	28.4	2.39
MW-08	7/24/2015	34.14	21.16	12.98	30.11	10,869	5.13	17.89	130.1	2.75
MW-08D	7/24/2015	34.30	20.92	13.38	48.14	6,394	4.72	18.50	19.6	1.36
MW-9	7/21/2015	32.24	16.67	15.57	35.15	23	5.62	21.03	19.3	0.60
MW-10	7/21/2015	31.22	18.35	12.87	38.43	9	5.60	20.51	12.6	0.72
MW-11	8/3/2015	30.37	17.47	12.90	35.15		4.99	24.05	122.9	0.56
MW-12	8/3/2015	29.79	17.16	12.63	35.88	4,945	5.72	22.06	12.1	0.55
MW-13	8/3/2015	26.12	16.98	9.14	21.59	8,624	4.04	19.94	105.8	0.91
MW-14	DESTROYED									
MW-15	8/4/2015	18.59	3.34	15.25	18.76	5,934	4.96	22.13	1.2	2.52
MW-16	7/20/2015	40.65	29.33	11.32	15.41	23.20	5.61	27.69	5.0	0.96
MW-17	7/22/2015	34.4	21.97	12.43	21.70	10.1	5.60	22.22	6.2	0.65
MW-18	7/20/2015	CNS - On construction site								
MW-19	7/24/2015	38.75	31.30	7.45	20.12	9,075	5.21	20.51	6.4	0.42
MW-20	7/27/2015	43.73	27.09	16.64	22.98	7,079	4.98	19.01	38.2	2.45
MW-21	7/20/2015	CNS - On construction site								
MW-22	7/29/2015	38.29	20.81	17.48	25.93	3,721	4.54	21.38	34.7	1.86
MW-23	7/31/2015	34.71	14.26	20.45	25.08	659	5.46	22.61	908.3	0.56
MW-24	7/30/2015	32.53	17.66	14.87	18.75	1,823	5.52	20.48	1158.1	1.26
MW-25	7/23/2015	42.63	30.58	12.05	12.19	Not enough water to sample-Well Abandoned				
MW-26	7/27/2015	40.05	23.41	16.64	25.94	6,291	5.05	18.78	14.2	0.68
MW-27	7/21/2015	33.57	21.99	11.58	25.46	88.90	5.60	20.41	4.60	3.07
MW-28	DESTROYED									
MW-29	8/4/2015	NM	NM	18.94	24.78	5,288	3.21	20.64	35.4	2.88
MW-30	DESTROYED									
MW-31	7/23/2015	40.14	27.64	12.50	20.02	5,224	6.53	23.52	14.2	1.29
MW-32	7/23/2015	41.45	30.09	11.36	27.29	356	5.68	21.54	42.4	0.45
MW-33	7/20/2015	37.33	25.63	11.70	28.88	27.9	5.21	22.40	8.4	0.68
MW-34	7/27/2015	36.83	22.44	14.39	29.96	4,502	5.52	21.90	143.8	0.29
MW-35	7/31/2015	31.44	18.57	12.87	30.32	2,593	5.18	20.84	28.4	0.68
MW-36	7/30/2015	27.97	17.51	10.46	30.29	10,782	5.28	20.92	152.8	1.76
MW-37	7/23/2015	38.85	28.69	10.16	26.34	2,479	5.60	21.48	40.1	0.48
MW-38	7/22/2015	36.41	24.27	12.14	26.58	34.6	5.63	20.19	5.5	2.57
MW-39	7/20/2015	CNS - On construction site								
MW-40	7/22/2015	34.32	16.79	17.53	26.73	42.40	5.37	24.11	18.40	5.21
MW-41	8/3/2015	27.90	15.95	11.95	23.49	951	5.70	20.50	368.0	0.59
MW-42	7/23/2015	30.07	17.49	12.58	12.98	Not enough water to sample				
MW-43	7/30/2015	30.28	18.11	12.17	26.82	5,551	6.21	22.03	666.2	0.94
MW-44	7/24/2015	32.68	18.75	13.93	24.37	6,341	4.78	21.12	-2.2	0.34
MW-45	7/21/2015	32.80	21.86	10.94	30.07	35.2	6.12	20.20	26.9	0.52
MW-46	7/22/2015	32.47	18.91	13.56	29.55	18.1	5.54	22.45	4.1	0.56
MW-47	7/31/2015	46.50	33.90	12.60	28.61	5,615	4.60	19.28	828.2	0.82
MW-48	7/31/2015	48.31	35.90	12.41	23.46	15,390	5.45	20.12	307.4	2.49
MW-49	7/31/2015	44.14	35.77	8.37	25.08	4,474	5.55	19.90	79.6	0.66
MW-50	7/28/2015	55.10	44.94	10.16	27.64	3,018	5.08	18.59	32.8	0.14
MW-51	7/28/2015	54.03	37.64	16.39	27.59	8,540	4.67	19.06	37.7	0.52
MW-51A	7/28/2018	CNS - On construction site								
MW-52	7/29/2015	52.55	34.94	17.61	28.63	3,427	5.10	19.53	52.9	2.56
MW-53	7/28/2015	53.82	25.64	28.18	28.28	Not Enough Water to sample- Well Abandoned				
MW-54	7/28/2015	50.98	37.42	13.56	26.92	1,628	5.28	18.93	61.8	0.83
MW-55	7/28/2015	54.48	44.17	10.31	28.23	8,913	4.98	20.37	7.1	0.27
MW-56	7/27/2015	38.56	26.20	12.36	26.51	6,906	5.20	20.38	47.2	0.81
MW-57A	7/20/2015	CNS - On construction site								
MW-58	7/20/2015	CNS - On construction site								
MW-59	7/29/2015	59.32	36.40	22.92	24.53	1,834	6.40	26.26	336.9	1.10
UK3	7/20/2015	CNS - On construction site								

Notes:
1. Ft. amsl. - feet above mean sea level
2. Ft. bc. - feet below casing
3. NM - Not Measured
4. CNL- Could not locate monitoring well
5. CNS- Could not Sample

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Table 2
Summary of VOC Concentrations in Groundwater
1st and E. 90th Street, NY, NY

Analytical Parameter	MW-03 7/29/2015	MW-04 8/4/2015	MW-05 8/3/2015	MW-06 7/30/2015	MW-07 7/24/2015	MW-08 7/24/2015	MW-08D 7/24/2015	MW-9 7/21/2015	MW-10 7/21/2015	MW-11 8/3/2015	MW-12 8/3/2015	MW-13 8/3/2015	NYSDEC Groundwater Quality Standards/Values (GA)
VOCs (µg/L)													
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	10 U	**3**
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	**5.0 UJ**	**5.0 UJ**	**5.0 UJ**	**5.0 UJ**	100 U	5.0 U	5.0 U	50 U	**50**
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.21 J**	**0.20 J**	**0.64 J**	20 U	1.0 U	**0.17 J**	**42**	**1**
Bromoform	1.0 UJ	1.0 U	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	10 U	**50**
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	1.0 U	1.0 U	**20 UJ**	1.0 U	1.0 U	10 U	**5**
Carbon Disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	**10**	**60**
Chloroform	**0.83 J**	**0.71 J**	**0.30 J**	1.0 U	1.0 U	**1.2**	**0.48 J**	1.0 U	20 U	1.0 U	ND	**53**	**7**
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**20 UJ**	1.0 U	1.0 U	10 U	**NA**
cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**23 J**	**13 J**	**14**	**210**	**1.2**	**1.4**	10 U	**5**
Cyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.3**	20 U	1.0 U	**0.59 J**	**23**	**NS**
Dichlorobromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	10 U	**5**
Dichlorodifluoromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	20 U	1.0 U	1.0 U	10 U	**5**
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.54 J**	20 U	1.0 U	**0.62 J**	**240**	**5**
Isopropylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.64 J**	20 U	1.0 U	1.0 U	**15**	**5**
m&p-Xylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.41**	20 U	1.0 U	1.0 U	**2,300**	**5**
Methyl tert-butyl ether (MTBE)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3.2**	**28**	**150**	**19**	**450**	**10**
Methylacetate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.0 UJ**	**100 UJ**	5.0 U	5.0 U	50 U	**NS**
Methylcyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	**0.37 J**	**38**	**NS**
o-Xylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	**1,400**	**5**
Tetrachloroethene	1.0 U	**0.62 J**	1.0 U	1.0 U	**0.69 J**	**370**	**390**	**0.26 J**	**5,800**	**11**	1.0 U	**1.8 J**	**5**
Toluene	1.0 U	1.0 U	**0.56 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	**220**	**5**
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.18 J**	1.0 U	**1.3**	20 U	1.0 U	1.0 U	10 U	**5**
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**58**	**35**	**0.84 J**	**560**	**3.9**	1.0 U	10 U	**5**
Vinyl chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**9.5**	**3.9 J**	1.0 U	1.0 U	10 U	**5**

Notes:
1. U = The analyte was analyzed for, but was not detected above the sample reporting limit.
2. UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate
3. J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
4. R = The sample results is rejected due to serious deficiences. The presence or absence of the analyte cannot be verified.
5. NYSDEC = New York State Department of Environmental Conservation
6. µg/L = micrograms per liter
7. VOCs = Volatile Organic Compounds
8. NS = No standard established
9. NA = Not applicable

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Table 2
Summary of VOC Concentrations in Groundwater
1st and E. 90th Street, NY, NY

Analytical Parameter	MW-15 8/4/2015	MW-16 7/20/2015	MW-17 7/22/2015	MW-19 7/24/2015	MW-20 7/27/2015	MW-22 7/29/2015	MW-23 7/31/2015	MW-24 7/30/2015	MW-26 7/27/2015	MW-27 7/21/2015	MW-29 8/4/2015	MW-31 7/23/2015	NYSDEC Groundwater Quality Standards/Values (GA)
VOCs (µg/L)													
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3**
Acetone	5.0 U	**5.0 UJ**	**5.0 UJ**	**5.0 UJ**	**5.0 UJ**	5.0 U	5.0 U	5.0 U	**5.0 UJ**	**5.0 UJ**	5.0 U	**5.0 UJ**	**50**
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1**
Bromoform	1.0 U	1.0 U	**1.0 UJ**	1.0 U	1.0 U	**1.0 UJ**	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**50**
Bromomethane	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Carbon Disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**60**
Chloroform	1.0 U	**0.22 J**	1.0 U	**.84 J**	**0.91 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**7**
Chloromethane	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	1.0 U	1.0 U	**NA**
cis-1,2-Dichloroethene	**0.54 J**	1.0 U	1.0 U	**1.3**	1.0 U	1.0 U	**0.43 J**	1.0 U	1.0 U	1.0 U	1.0 U	**7.1**	**5**
Cyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	**NS**
Dichlorobromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Dichlorodifluoromethane	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	1.0 U	1.0 U	**5**
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Isopropylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
m&p-Xylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Methyl tert-butyl ether (MTBE)	**.15 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.28 J**	1.0 U	1.0 U	1.0 U	1.0 U	**10**
Methylacetate	5.0 U	**5.0 UJ**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.0 UJ**	5.0 U	5.0 U	**NS**
Methylcyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**NS**
o-Xylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Tetrachloroethene	**1**	**0.27 J**	1.0 U	**0.12 J**	**0.20 J**	1.0 U	**0.49 J**	1.0 U	**0.16 J**	1.0 U	1.0 U	**0.89 J**	**5**
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.54 J**	**5**
Trichloroethene	**0.88 J**	**0.30 J**	1.0 U	1.0 U	1.0 U	1.0 U	**0.28 J**	1.0 U	1.0 U	1.0 U	1.0 U	**2.1**	**5**
Vinyl Chloride	1.0 U	1.0 U	**0.41 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.2**	**5**

Notes:
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5. NYSDEC = New York State Department of Environmental Conservation
6. µg/L = micrograms per liter
7. VOCs = Volatile Organic Compounds
8. NS = No standard established
9. NA = Not applicable

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Table 2
Summary of VOC Concentrations in Groundwater
1st and E. 90th Street, NY, NY

Analytical Parameter	MW-32 7/23/2015	MW-33 7/20/2015	MW-34 7/27/2015	MW-35 7/31/2015	MW-36 7/30/2015	MW-37 7/23/2015	MW-38 7/22/2015	MW-40 7/22/2015	MW-41 8/3/2015	MW-43 7/30/2015	MW-44 7/24/2015	MW-45 7/21/2015	NYSDEC Groundwater Quality Standards/Values (GA)
VOCs (µg/L)													
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3**
Acetone	**5.0 UJ**	**5.0 UJ**	**5.0 UJ**	5.0 U	5.0 U	**5.0 UJ**	**5.0 UJ**	**5.0 UJ**	5.0 U	5.0 U	**5.0 UJ**	**5.0 UJ**	**50**
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.49 J**	1.0 U	1.0 U	**0.28 J**	**1**
Bromoform	**1.0 UJ**	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**1.0 UJ**	**1.0 UJ**	**1.0 UJ**	1.0 U	**1.0 UJ**	1.0 U	1.0 U	**50**
Bromomethane	1.0 U	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	ND	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Carbon Disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	1.0 U	1.0 U	1.0 U	1.0 U	**60**
Chloroform	1.0 U	1.0 U	**0.55 J**	1.0 U	**0.90 J**	**0.30 J**	**0.26 J**	**0.89 J**	1.0 U	1.0 U	1.0 U	1.0 U	**7**
Chloromethane	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**NA**
cis-1,2-Dichloroethene	**0.70 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1**	1.0 U	1.0 U	1.0 U	**3.8**	**5**
Cyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.9**	1.0 U	1.0 U	1.0 U	**NS**
Dichlorobromomethane	1.0 U	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**5**
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Isopropylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.2**	1.0 U	1.0 U	1.0 U	**5**
m&p-Xylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.57 J**	1.0 U	1.0 U	1.0 U	**5**
Methyl tert-butyl ether (MTBE)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.65 J**	**10**
Methylacetate	5.0 U	**5.0 UJ**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.0 UJ**	**NS**
Methylcyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5.4**	1.0 U	1.0 U	1.0 U	**NS**
o-Xylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Tetrachloroethene	1.0 U	**0.20 J**	**0.31 J**	1.0 U	1.0 U	1.0 U	**2.7**	**1.7**	1.0 U	1.0 U	**0.57 J**	**1.2**	**5**
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.43 J**	1.0 U	1.0 U	1.0 U	**0.50 J**	**5**
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**

Notes:
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5. NYSDEC = New York State Department of Environmental Conservation
6. µg/L = micrograms per liter
7. VOCs = Volatile Organic Compounds
8. NS = No standard established
9. NA = Not applicable

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Table 2

Summary of VOC Concentrations in Groundwater

1st and E. 90th Street, NY, NY

Analytical Parameter	MW-46 7/22/2015	MW-47 7/31/2015	MW-48 7/31/2015	MW-49 7/31/2015	MW-50 7/28/2015	MW-51 7/28/2015	MW-52 7/29/2015	MW-54 7/28/2015	MW-55 7/28/2015	MW-56 7/27/2015	MW-59 7/29/2015	NYSDEC Groundwater Quality Standards/Values (GA)
VOCs (µg/L)												
1,4-Dichlorobenzene	**3.8 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3**
Acetone	**25 UJ**	5.0 U	5.0 U	5.0 U	**5.0 UJ**	**5.0 UJ**	5.0 U	**5.0 UJ**	**5.6 J**	**5.0 UJ**	5.0 U	**50**
Benzene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1**
Bromoform	**1.0 UJ**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**50**
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 UJ**	**1.0 UJ**	**1.0 UJ**	**1.0 UJ**	**1.0 UJ**	**1.0 UJ**	1.0 U	**5**
Carbon Disulfide	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**60**
Chloroform	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.48 J**	1.0 U	1.0 U	**18**	**7**
Chloromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**NA**
cis-1,2-Dichloroethene	**520**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Cyclohexane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**NS**
Dichlorobromomethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.75 J**	**5**
Dichlorodifluoromethane	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Ethylbenzene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Isopropylbenzene	5.0 U	1.0 U	1.0 U	1.0 U	**1.1**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
m&p-Xylene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Methyl tert-butyl ether (MTBE)	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**10**
Methylacetate	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**NS**
Methylcyclohexane	5.0 U	1.0 U	1.0 U	1.0 U	**0.69 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**NS**
o-Xylene	5.0 U	1.0 U	1.0 U	1.0 U	**4.9**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Tetrachloroethene	**2,300**	1.0 U	1.0 U	1.0 U	**0.38 J**	**0.35 J**	1.0 U	**0.71 J**	**0.17 J**	**0.27 J**	1.0 U	**5**
Toluene	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
trans-1,2-Dichloroethene	**6.3**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Trichloroethene	**360**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5**
Vinyl chloride	**0.52 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2**

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APPENDIX A

Photographic Documentation

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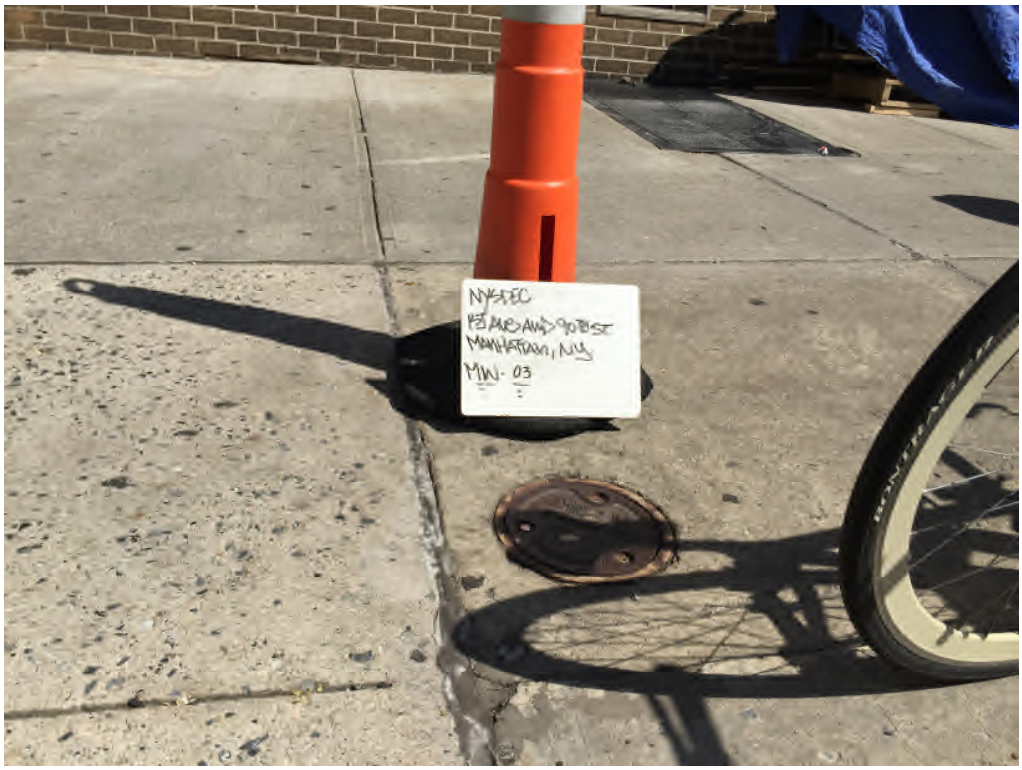
Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York



Photograph 1: Condition of MW-3

Photograph 2: Condition of MW-4

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 3: Condition of MW-5

Photograph 4: Condition of MW-6

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 5: Condition of MW-7

Photograph 6: Condition of MW-8

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 7: Condition of MW-8D

Photograph 8: Condition of MW-9

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 9: Condition of MW-10

Photograph 10: Condition of MW-11

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 11: Condition of MW-12

Photograph 12: Condition of MW-13

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

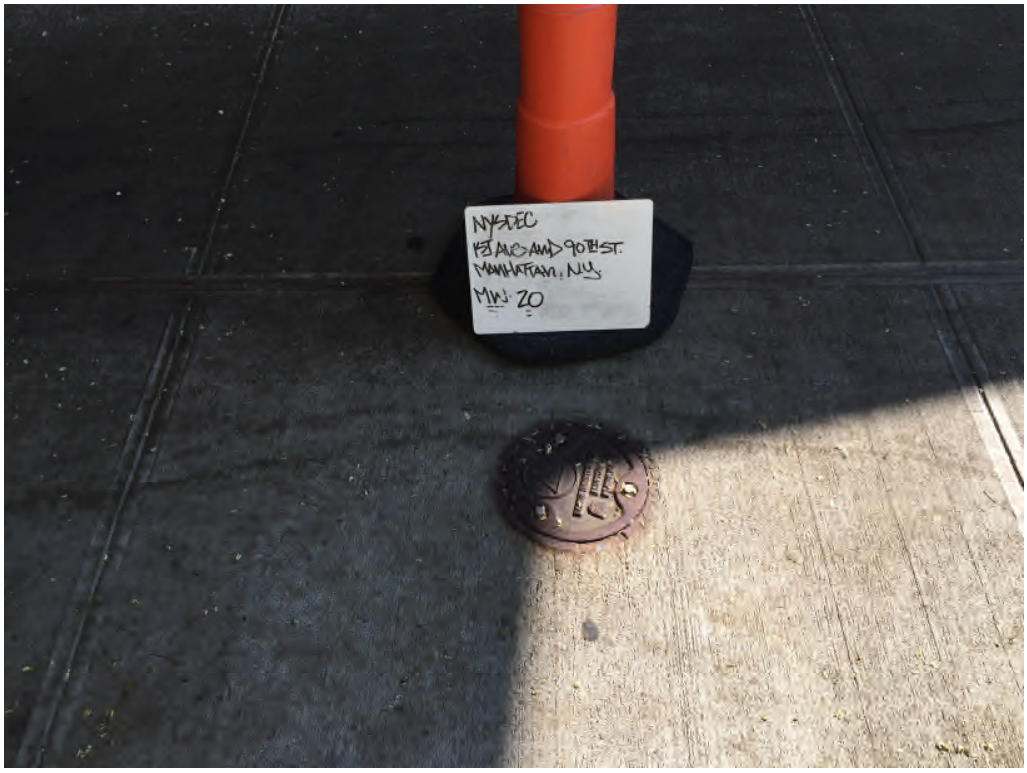
Photograph 13: Condition of MW-16

Photograph 14: Condition of MW-17

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 15: Condition of MW-19



Photograph 16: Condition of MW-20

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 17: Condition of MW-22

Photograph 18: Condition of MW-23 – Lid broken and needs replacement

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 19: Condition of MW-24

Photograph 20: Condition of MW-25

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 21: Condition of MW-26

Photograph 22: Condition of MW-27

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 23: Condition of MW-29

Photograph 24: Condition of MW-31

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 25: Condition of MW-32

Photograph 26: Condition of MW-33

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 27: Condition of MW-34

Photograph 28: Condition of MW-35

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 29: Condition of MW-36

Photograph 30: Condition of MW-37

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 31: Condition of MW-38

Photograph 32: Condition of MW-40

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 33: Condition of MW-41

Photograph 34: Condition of MW-42

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 35: Condition of MW-43

Photograph 36: Condition of MW-44

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 37: Condition of MW-45

Photograph 38: Condition of MW-46

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 39: Condition of MW-47

Photograph 40: Condition of MW-48

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 41: Condition of MW-49

Photograph 42: Condition of MW-50

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 43: Condition of MW-51

Photograph 44: Condition of MW-52

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 45: Condition of MW-53

Photograph 46: Condition of MW-54

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 47: Condition of MW-55

Photograph 48: Condition of MW-56

Photograph Documentation

1st Ave. and E. 90th St. Investigation
New York, New York

Photograph 49: Condition of MW-59

Photograph 50: Construction area.

APPENDIX B

NYSDEC Standby Contractor Work Authorization Form

EnviroTrac
Environmental Services

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

STANDBY CONTRACTOR AUTHORIZATION FORM
For Response & Containment, Investigation & Remediation and Laboratory Services Contractors

General Information

Region: 2 **Site No.:** 231008 **CallOut ID:** 123948

CallOut 06/12/2015

Contract No.: C100902 **PIN (if applicable):**

Contractor Selected: ENVIROTRAC, LTD (REM)

Site Information - Name: 1st Avenue and East 90th Street **County:** New York

Address: 1st Avenue and East 90th Street, New York

SCOPE OF WORK (Provide brief detailed description):

June 12, 2015:
- preliminary site visit with DEC PM on June 22, 2015
- 56 existing wells as of 2009 -> 15-48' deep
- groundwater sampling for VOCs at all existing monitoring wells
- water level measurements to be collected at all wells sampled
- utilize previous survey from 2009 call-out as needed
- well maintenance (bolt/well cap replacement and repair, etc.) as needed
- sidewalk restoration at locations to be determined by DEC PM
- daily removal of all investigation-derived waste
- certain wells selected by DEC PM to be abandoned as per CP-43
- preparation of summary report (text, tables, figures, logs, photos, etc)

ESTIMATED BUDGET: $ 100,000.00

This serves as authorization to incur costs up to the budgeted amount indicated, to perform the scope of work outlined above in connection with the above-referenced spill/site call out number. The contractor is responsible for immediately notifying the DER project manager if it becomes apparent that the scope of work can not be completed within the budget and/or the scope of work should be amended. The contractor should not incur costs that exceed the budget or perform activities outside the scope of work without the verbal or written approval of the DER project manager. The DER project manager must confirm that approval in writing in an amended Standby Contractor Authorization Form signed by the DER project manager and Rep within two business days.

DER Project Manager Name/Title:

DAVE HARRINGTON (Print) _____ (Signature) Date: 6/12/15

Authorized DER Representative Name/Title:

James Moras (Print) _____ (Signature) Date: 6/12/15

APPENDIX C

Waste Manifests

EnviroTrac
Environmental Services

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYR000127852	Manifest Document No. 28072	2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID
Metro Environmental Contracting	NYR000134957	B. Transporter 1 Phone (631)884-1880
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID
Republic Environmental Systems	PAD982661381	D. Transporter 2 Phone (215)822-8995

9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID
Republic Environmental Systems 2869 Sandstone Drive Hatfield, PA 19440	PAD085690592	F. Facility's Phone (215)822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	350	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc# 669932-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
P. Crystal Bakewicz	P Crystal Bakewicz	7 20 15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
James Ulrich		7 20 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Ed Bookheimer		7 31 15

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
MALIK ACHTEN		08 05 15

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

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Rev. 3/95

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28072
Waste Receipt #: HAT-4320C
Date Received: 08/05/2015

ıe Profile	Material Description	Treatment/ Disposal Description
1 713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST 4158688 0/1

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y R 0 0 0 1 2 7 8 5 2

Manifest Document No. 2 8 0 7 3

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233

4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting

6. US EPA ID Number: N Y R 0 0 0 1 3 4 9 5 7

A. State Transporter's ID

B. Transporter 1 Phone: (631) 884-1880

7. Transporter 2 Company Name: Republic Environmental Systems

8. US EPA ID Number: P A D 9 8 2 6 6 1 3 8 1

C. State Transporter's ID

D. Transporter 2 Phone: (215) 822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440

10. US EPA ID Number: P A D 0 8 5 6 9 0 5 9 2

E. State Facility's ID

F. Facility's Phone: (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	20	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc# 669935-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Victor A. Canoba
Signature:
Date: Month 07 Day 21 Year 15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Francis McShane
Signature:
Date: Month 7 Day 21 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ed Bookman
Signature:
Date: Month 7 Day 21 Year 15

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: MALI MOUNTOU
Signature:
Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE
GENERATOR
TRANSPORTER
FACILITY

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28073
Waste Receipt #: HAT-4321C
Date Received: 08/05/2015

Profile	Material Description	Treatment/ Disposal Description
1713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature : Norma Figueroa

Title : Document Specialist

AUG 10 2015

NON-HAZARDOUS WASTE MANIFEST 215888 8/5

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST | 1. Generator's US EPA ID No. NYR000127852 | Manifest Document No. 28074 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: NYR000134957
A. State Transporter's ID
B. Transporter 1 Phone: (631) 884-1880

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: PAD982661381
C. State Transporter's ID
D. Transporter 2 Phone: (215) 822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: PAD085690592
E. State Facility's ID
F. Facility's Phone: (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	20	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) H3820
Doc# 169938-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Victor A. Caceda | Signature | Date: Month 07 Day 22 Year 15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Francis Mcshane | Signature | Date: Month 7 Day 22 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Boudreau | Signature | Date: Month 7 Day 31 Year 15

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Mal Von Dunlop | Signature | Date: Month 08 Day 05 Year 15

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

nerator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024

'A ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440

EPA ID: PAD085690592

Manifest #: 28074
Waste Receipt #: HAT-4322C
Date Received: 08/05/2015

Profile	Material Description	Treatment/ Disposal Description
713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

ıme: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST 215868 8/5

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000127852

Manifest Document No.: 28075

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: NYR000134957
A. State Transporter's ID
B. Transporter 1 Phone: (631)884-1880

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: PAD982661381
C. State Transporter's ID
D. Transporter 2 Phone: (215)822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: PAD085690592
E. State Facility's ID
F. Facility's Phone: (215)822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	25	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc# 669942-15

GENERATOR

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 manifest are not subject to federal hazerdous waste regulations.

Printed/Typed Name: VICTOR A. CARDOZA
Signature:
Date: Month 07 Day 23 Year 15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: FRANCIS MCSHANE
Signature:
Date: Month 7 Day 23 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Boudreau
Signature:
Date: Month 7 Day 31 Year 15

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: MALCOLM
Signature:
Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024

EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440

EPA ID: PAD085690592

Manifest #: 28075-NYSDEC
Waste Receipt #: HAT-4323C
Date Received: 08/05/2015

e Profile	Material Description	Treatment/ Disposal Description
1713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST

215848 8/J

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
	N Y R 0 0 0 1 2 7 8 5 2	2 8 0 7 6	1

GENERATOR

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: N Y R 0 0 0 1 3 4 9 5 7
A. State Transporter's ID
B. Transporter 1 Phone: (631)884-1880

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: P A D 9 8 2 6 6 1 3 8 1
C. State Transporter's ID
D. Transporter 2 Phone: (215)822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: P A D 0 8 5 6 9 0 5 9 2
E. State Facility's ID
F. Facility's Phone: (215)822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	25	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc# 669947-15

TRANSPORTER

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Victor A. Cardona
Signature:
Date: Month 07 Day 24 Year 15

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Bo[illegible]
Signature:
Date: Month 7 Day 31 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typad Name: FRANCIS MCSHANE
Signature:
Date: Month 7 Day 24 Year 15

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: [illegible]
Signature:
Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

ıerator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
A ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28076
Waste Receipt #: HAT-4324C
Date Received: 08/05/2015

Profile	Material Description	Treatment/ Disposal Description
113820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

ne: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST 715468817

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000127852

Manifest Document No: 28078

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: NYR000134957

A. State Transporter's ID
B. Transporter 1 Phone: (631) 884-1880
C. State Transporter's ID

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: PAD982661381

D. Transporter 2 Phone: (215) 822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: PAD085690592

E. State Facility's ID

F. Facility's Phone: (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	250	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc# 669951-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Victor A Cabrera
Signature:
Date: Month 7 Day 27 Year 15

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Urich
Signature:
Date: Month 7 Day 27 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Boardman
Signature:
Date: Month 7 Day 31 Year 15

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: MALVO-SCHMID
Signature:
Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE
GENERATOR
TRANSPORTER
FACILITY

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Rev. 3/95

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28078
Waste Receipt #: HAT-4325C
Date Received: 08/05/2015

Line	Profile	Material Description	Treatment/ Disposal Description
1	713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000127852

Manifest Document No. 28079

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: NYR000134957
A. State Transporter's ID
B. Transporter 1 Phone: (631) 884-1880

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: PAD982661381
C. State Transporter's ID
D. Transporter 2 Phone: (215) 822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: PAD085690592
E. State Facility's ID
F. Facility's Phone: (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM.	180	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713920
Doc# 669953-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Victor A. Cardoza
Signature:
Date: Month 07 Day 28 Year 15

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Carlos S. Tobar
Signature:
Date: Month 7 Day 28 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Beaudoin
Signature:
Date: Month 7 Day 28 Year 15

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Malvin Gill
Signature:
Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28079-NYCDEC
Waste Receipt #: HAT-4326C
Date Received: 08/05/2015

Line	Profile	Material Description	Treatment/ Disposal Description
1	713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature : Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST 2158688 8/5

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N Y R 0 0 0 1 2 7 8 5 2	Manifest Document No. 2 8 0 8 0	2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID
Metro Environmental Contracting	N Y R 0 0 0 1 3 4 9 5 7	B. Transporter 1 Phone (631) 884-1880
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID
Republic Environmental Systems	P A D 9 8 2 6 6 1 3 8 1	D. Transporter 2 Phone (215) 822-8995

9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID
Republic Environmental Systems 2869 Sandstone Drive Hatfield, PA 19440	P A D 0 8 5 6 9 0 5 9 2	F. Facility's Phone (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	55	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc# 669963-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Victor A. Cardoza		07 29 15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Keith Barcko		7 29 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Rob Bodenmiller		7 31 15

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
MARK DAMICO		08 05 15

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28080
Waste Receipt #: HAT-4327C
Date Received: 08/05/2015

Line	Profile	Material Description	Treatment/ Disposal Description
1	713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

30949-PC 669999-15 CKU-3126 O/S 2158707

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000129452

Manifest Document No. 26671

2. Page 1 of 1

PL# 39049PC

3. Generator's Name and Mailing Address
NYCEP-Croton WTP
3701 Jerome Avenue
Bronx, NY 10467

4. Generator's Phone (718) 696-2007 Attn: Bernard Daly, P.E.

5. Transporter 1 Company Name: Metro Environmental Contracting

6. US EPA ID Number: NYR000134957

A. State Transporter's ID

B. Transporter 1 Phone: (631)884-1880

7. Transporter 2 Company Name: Republic Environmental Systems

8. US EPA ID Number: PAD982661381

C. State Transporter's ID

D. Transporter 2 Phone: (215)822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440

10. US EPA ID Number: PAD085690592

E. State Facility's ID

F. Facility's Phone: (215)822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. ~~UN3260, Corrosive Solid, Acidic, Inorganic, N.O.S., (Contains Phosphoric Acid) 8, PGIII,~~ -not shipped-	~~01~~ ~~04~~	~~DF~~		~~P~~
b. Non Hazardous Non-DOT Regulated Material (Hydroflurosilicic Acid w/ Water & Simple Green)	04	DF	40	P
c. UN3262, Corrosive Solid, Basic, Inorganic, N.O.S., (Contains Sodium Hypochlorite) 8, PGIII,	01	DF	10	P
d. ~~UN3261, Corrosive Solid, Acidic, Organic, N.O.S., (Contains Maleic Acid & Ascorbic Acid) 8, PGII,~~ -not shipped-	~~01~~	~~DF~~		~~P~~

G. Additional Descriptions for Materials Listed Above
~~11d) Maleic Acid&Ascorbic Acid~~
~~Absorbents(5 gal#843) ERG#154~~

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
~~11a)708548-Phos. Acid Impacted Material (5 gal-#813,814,815,816)-ERG#154~~
11b)708552-Hydrofluorosilicic Acid w/Water & SG(5 gal-#823,824,829,830)
11c)708549-Sodium Hypochlorite Impacted Material(5 gal-#828)-ERG#154
PO#669999-15

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Vincent Moorehead — Signature — Date: Month 7 Day 30 Year 15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Ulrich — Signature — Date: Month 7 Day 30 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ed Boothman — Signature — Date: Month 7 Day 31 Year 15

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: MALVO ANTKO — Signature — Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 127639 - NYCDEP - CROTON WTP
3701 JEROME AVENUE
BRONX NY, 10467
EPA ID: NYR000129452

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 26671
Waste Receipt #: HAT-4328C
Date Received: 08/05/2015

Profile	Material Description	Treatment/ Disposal Description
08552-00	NON-REGULATED MATERIAL (ACID, WATER & SIMPLE GREE)	H070 CHEMICAL TREATMENT
08548-00	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYPOCHLORITE)	H110 STABILIZATION PRIOR TO LAND DISPOSAL AT ANOTHER SITE

Name: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

069959-15 **NON-HAZARDOUS WASTE MANIFEST** 4331C 1/1

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000127852

Manifest Document No.: 28081

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233

4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting

6. US EPA ID Number: NYR000134957

A. State Transporter's ID

B. Transporter 1 Phone: (631)884-1880

7. Transporter 2 Company Name: Republic Environmental Systems

8. US EPA ID Number: PAD982661381

C. State Transporter's ID

D. Transporter 2 Phone: (215)822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440

10. US EPA ID Number: PAD085690592

E. State Facility's ID

F. Facility's Phone: (215)822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	01	DM	100	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a)
Doc#

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 manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: Victor A. Cordoza

Signature:

Date: Month 07 Day 31 Year 15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Richard Reichardt

Signature:

Date: Month 07 Day 30 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ed Bookhamer

Signature:

Date: Month 7 Day 31 Year 15

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: MALIK DAWOOD

Signature:

Date: Month 08 Day 05 Year 15

NON-HAZARDOUS WASTE

Stericycle Environmental Solutions

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed and treated in complaince with all applicable Federal and State Laws and Regulations.

Generator: 284921 - NYSDEC
1ST AVE. & 90TH STREET
NEW YORK NY, 10024
EPA ID: NYR000127852

Facility: REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
EPA ID: PAD085690592

Manifest #: 28081-NYSDEC
Waste Receipt #: HAT-4331C
Date Received: 08/05/2015

ıe Profile	Material Description	Treatment/ Disposal Description
1 713820-00	NON-REGULATED MATERIAL (WATER)	H070 CHEMICAL TREATMENT

Name: Norma Figueroa

Signature: Norma Figueroa

Title : Document Specialist

NON-HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000127852

Manifest Document No.: 28082

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: NYR000134957
A. State Transporter's ID
B. Transporter 1 Phone: (631) 884-1880

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: PAD982661381
C. State Transporter's ID
D. Transporter 2 Phone: (215) 822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: PAD085690592
E. State Facility's ID
F. Facility's Phone: (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit WL/Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	150	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a)
Doc#

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: VICTORIA A. CARDOZA
Signature:
Date: Month 7 Day 31 Year 15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James U.
Signature:
Date: Month 7 Day 31 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name:
Signature:
Date: Month Day Year

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000127852

Manifest Document No. 28083

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting
6. US EPA ID Number: NYR000134957
A. State Transporter's ID
B. Transporter 1 Phone: (631) 884-1880

7. Transporter 2 Company Name: Republic Environmental Systems
8. US EPA ID Number: PAD982661381
C. State Transporter's ID
D. Transporter 2 Phone: (215) 822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440
10. US EPA ID Number: PAD085690592
E. State Facility's ID
F. Facility's Phone: (215) 822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	01	DM	100	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc#

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 manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: Victor A. Cabrera
Signature:
Date: Month 08 Day 07 Year 15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard Reichardt
Signature:
Date: Month 08 Day 07 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name:
Signature:
Date: Month Day Year

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYR000127852

Manifest Document No.: 28084

2. Page 1 of 1

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233

4. Generator's Phone (518) 482-9768

1st Avenue & 90th Street
New York, NY 10024

5. Transporter 1 Company Name: Metro Environmental Contracting

6. US EPA ID Number: NYR000134957

A. State Transporter's ID

B. Transporter 1 Phone: (631)884-1880

7. Transporter 2 Company Name: Republic Environmental Systems

8. US EPA ID Number: PAD982661381

C. State Transporter's ID

D. Transporter 2 Phone: (215)822-8995

9. Designated Facility Name and Site Address
Republic Environmental Systems
2869 Sandstone Drive
Hatfield, PA 19440

10. US EPA ID Number: PAD085690592

E. State Facility's ID

F. Facility's Phone: (215)822-8995

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Purge Water Non-DOT Regulated Material	01	DM	100	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) 713820
Doc#

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 manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: x Victor A. Cardona — Signature — Date: Month 05 Day 04 Year 15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Richard Reichardt — Signature — Date: Month 05 Day 04 Year 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

APPENDIX D

Low Flow Sampling Data Sheets

EnviroTrac
Environmental Services

Monitoring Well Sampling Log

Site Name: 1ST AVE AND 20TH ST. **Weather:** Sunny
Site Number: **Well Condition:** OK / need 2 bolts and cap
Well ID: MW-59 **Gauge Time:** 10:04
Gauge Date: 7-29-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	24.53
B. Depth to Water (ft.):	17.42
C. Liquid Depth (ft.) [A - B]:	7.11
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	0.3376
F. Three Well Vols [E x 3]	1.0128

Table 1
Well Volume/ft.

Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER PUMP **Sample Time:** 10:45
Purge Time (mins):
Purge Rate (gpm): 200 ML/MIN. **Actual purge:** ~2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:20	6.61	1911	2.41	27.09	390.3
Mid-Purge						
Post-Purge	10:40	6.40	1834	1.10	26.26	336.9

Sampling Activities

Sampling Date: 7-29-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

EnviroTrac
Environmental Services

	PH	cond	D.O.	Temp	Turb
10:25	6.42	1863	1.60	26.29	345.7
10:30	6.39	1857	1.40	26.15	436.4
10:35	6.39	1859	1.22	26.29	357.8
10:40	6.40	1834	1.10	26.26	336.9

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St **Weather:** P.cloudy/Humid/81°
Site Number: **Well Condition:**
Well ID: MW-56 **Gauge Time:** 13:15
Gauge Date: 7-27-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	26.51
B. Depth to Water (ft.):	12.36
C. Liquid Depth (ft.) [A - B]:	14.15
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.264
F. Three Well Vols [E x 3]	6.792

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump Sample Time: 14:05
Purge Time (mins):
Purge Rate (gpm): 350ml/min. Actual purge = ~2gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	13:35	5.83	7819	.72	21.54	684.9
Mid-Purge						
Post-Purge	14:00	5.20	6906	.81	20.38	47.2

Sampling Activities

Sampling Date: 7-27-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VAC/CB

EnviroTrac
Environmental Services

	pH	cond.	D.O.	temp	turb
13:40	4.98	7587	.43	20.59	271.6
13:45	5.00	7353	.41	20.31	106.9
13:50	5.06	7236	.45	20.37	58.4
13:55	5.09	7069	.53	20.31	60.9
14:00	5.17	7016	.57	20.46	65.1
14:05	5.20	6906	.81	20.38	47.2

Monitoring Well Sampling Log

Site Name: 13th Ave and 20th St.	**Weather:** Sunny / 81°
Site Number:	**Well Condition:**
Well ID: [redacted] MW-55	**Gauge Time:** 10:00
Gauge Date: 7-28-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	28.23
B. Depth to Water (ft.):	10.31
C. Liquid Depth (ft.) [A - B]:	17.92
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.8672
F. Three Well Vols [E x 3]	8.6016

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 10:45
Purge Time (mins):
Purge Rate (gpm): 300 mL/min. — Actual purge = ~1.5 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:15	6.04	9147	1.38	24.68	56.0
Mid-Purge						
Post-Purge	10:40	4.98	8913	.27	20.37	7.1

Sampling Activities

Sampling Date: 7-28-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

EnviroTrac
Environmental Services

	PH	Cond	D.O.	Temp	Turb.
10:20	5.20	9020	.42	20.84	57.6
10:25	5.00	8942	.30	20.47	28.5
10:30	4.94	8890	.29	20.24	23.2
10:35	4.97	8903	.27	20.33	13.8
10:40	4.98	8913	.27	20.37	7.1

Monitoring Well Sampling Log

Site Name: 15th Ave and 20th ST.	**Weather:** Sunny / 80°
Site Number:	**Well Condition:**
Well ID: MW-54	**Gauge Time:** 8:30
Gauge Date: 7-28-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	26.92
B. Depth to Water (ft.):	13.56
C. Liquid Depth (ft.) [A - B]:	13.36
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.1376
F. Three Well Vols [E x 3]	6.4128

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time = 9:26
Purge Time (mins):
Purge Rate (gpm): 300 ml/min. — Actual purge = 2.5 gallons.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	9:00	6.95	1685	1.63	21.17	433.7
Mid-Purge						
Post-Purge	9:25	5.28	1628	.83	18.93	61.8

Sampling Activities

Sampling Date: 7-28-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VPC / CB

EnviroTrac
Environmental Services

	PH	Cond.	D.O.	Temp	Turb
9:05	5.88	1649	.91	19.59	328.2
9:10	5.39	1623	.84	19.06	155.7
9:15	5.30	1625	.94	18.95	127.2
9:20	5.28	1627	.88	18.91	74.9
9:25	5.28	1628	.83	18.93	61.8

Monitoring Well Sampling Log

Site Name: 1ST AVE AND 90TH ST.
Site Number:
Well ID: MW-52
Gauge Date: 7-29-15
Sounding Method: Interface Probe

Weather: Sunny
Well Condition:
Gauge Time: 14:00
Reference Point:
Well Diameter (IN.): 2"

Calculation of Well Volume

A. Well Depth (ft.):	28.63
B. Depth to Water (ft.):	17.61
C. Liquid Depth (ft.) [A - B]:	11.02
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.7632
F. Three Well Vols [E x 3]	5.2896

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump
Purge Time (mins):
Purge Rate (gpm): 400 ml/min.

Sample Time: 9:25
Actual purge = 2 gal

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	8:50	6.01	7165	2.32	21.87	70.8
Mid-Purge						
Post-Purge	9:15	5.10	3427	2.56	19.53	52.9

Sampling Activities

Sampling Date: 7-29-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

EnviroTrac
Environmental Services

	PH	Cond	D.O.	Temp	Turb.
855	5.04	4027	2.33	19.46	51.3
900	5.01	4004	2.44	19.51	45.0
905	5.02	3973	2.50	19.54	41.0
910	5.08	3008	2.63	19.50	50.7
915	5.10	3427	2.56	19.53	52.9

Monitoring Well Sampling Log

Site Name: 157 Ave and 90th St.	**Weather:** Sunny
Site Number:	**Well Condition:** OK
Well ID: MW-51	**Gauge Time:** 11:20
Gauge Date: 7-28-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	29.59
B. Depth to Water (ft.):	16.39
C. Liquid Depth (ft.) [A - B]:	11.20
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.792
F. Three Well Vols [E x 3]	5.376

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 12:08

Purge Time (mins):

Purge Rate (gpm): 400 ml/min — Actual purge = ~1.5 gal

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	11:40	5.87	9377	1.51	22.93	571.9
Mid-Purge						
Post-Purge	12:00	4.67	8540	.52	19.06	37.7

Sampling Activities

Sampling Date: 7-28-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): MC, CR

EnviroTrac
Environmental Services

	PH	cond.	D.O.	Temp	Turb
11:45	4.75	8552	.50	19.17	81.6
11:50	4.69	8545	.47	19.12	78.7
11:55	4.67	8536	.48	19.09	42.7
12:00	4.67	8540	.52	19.06	37.7
12:05					

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** Sunny
Site Number:	**Well Condition:** ok Sample Detected
Well ID: MW-30	**Gauge Time:**
Gauge Date:	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):**

Calculation of Well Volume

A. Well Depth (ft.):	27.64
B. Depth to Water (ft.):	10.16
C. Liquid Depth (ft.) [A - B]:	17.48
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.7968
F. Three Well Vols [E x 3]	8.3904

P= 1010

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 13:34

Purge Time (mins):

Purge Rate (gpm): 300 ml/min. — Actual purge = ~1.5 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	1105	6.06	3174	.72	23.66	216.1
Mid-Purge						
Post-Purge	1:30	5.08	3018	.14	18.59	32.8

Sampling Activities

Sampling Date: 7-28-15

Inventory of Sampling Containers:

Description of Groundwater:

Comments & Observations: LNAPL Detected, sampled LNAPL confirmed w/ Bailer.

Name of Sampler(s): MC, CB

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Environmental Services

	PH	Cond.	D.O.	Temp	Turb
11:10	5.54	3157	.45	17.85	68.8
11:15	5.19	3077	.31	18.68	66.4
11:20	5.10	3058	.23	18.67	71.2
11:25	5.09	3043	.18	18.83	71.4
11:30	5.08	3018	.14	18.59	32.8

Monitoring Well Sampling Log

Site Name: ~~[illegible]~~ 131 Avenue 208th St **Weather:** Sunny / 85°
Site Number: **Well Condition:**
Well ID: MW-49 **Gauge Time:** 10:30
Gauge Date: 7-31-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	25.08
B. Depth to Water (ft.):	8.32
C. Liquid Depth (ft.) [A - B]:	16.76
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.6816
F. Three Well Vols [E x 3]	8.0448

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump Sample Time = 11:15
Purge Time (mins): Actual purge =
Purge Rate (gpm): 350 ml/min

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:45	5.93	4768	2.05	22.78	280.8
Mid-Purge						
Post-Purge	11:10	5.55	4474	.166	19.90	79.6

Sampling Activities

Sampling Date: 7-31-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MAC, CB

EnviroTrac
Environmental Services

	pH	Cond	D.O.	Temp	Turb
10:50	5.69	4601	1.18	20.84	253.5
10:55	5.49	4500	.94	20.04	112.6
11:00	5.48	4488	.85	20.04	106.1
11:05	5.49	4463	.69	19.73	82.8
11:10	5.55	4474	.66	19.90	79.6

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** Sunny
Site Number:	**Well Condition:** OK
Well ID: MW-48	**Gauge Time:** 8:05
Gauge Date: 7-31-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	23.46
B. Depth to Water (ft.):	12.41
C. Liquid Depth (ft.) [A - B]:	11.05
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.768
F. Three Well Vols [E x 3]	5.304

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time = 9:05

Purge Time (mins):

Purge Rate (gpm): 300 ml/min. — Actual purge = 3.2 - 1.5 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	8:40	6.38	1585B	3.41	21.24	715.0
Mid-Purge						
Post-Purge						

Sampling Activities

Sampling Date:

Inventory of Sampling Containers:

Description of Groundwater:

Comments & Observations:

Name of Sampler(s):

EnviroTrac
Environmental Services

	PH	Cond	D.O.	Temp	Turb
8:45	5.75	15582	2.80	20.54	508.3
8:00	5.61	15471	2.64	20.24	740.8
8:55	5.49	15385	2.54	20.05	316.3
9:00	5.45	15390	2.49	20.12	307.4

Monitoring Well Sampling Log

Site Name: Pine and 90th St.	**Weather:** Sunny / 80°
Site Number:	**Well Condition:**
Well ID: MW-17	**Gauge Time:** 9:18
Gauge Date: 7-31-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 4

A 5

Calculation of Well Volume

A. Well Depth (ft.):	28.61
B. Depth to Water (ft.):	12.60
C. Liquid Depth (ft.) [A - B]:	16.01
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.5616
F. Three Well Vols [E x 3]	7.6848

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump — Sample Time = 10:10
Purge Time (mins):
Purge Rate (gpm): 300 ml/min — Actual purge = ~1gal

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	9:40	6.20	6402	4.38	22.66	217.6
Mid-Purge						
Post-Purge	10:05	4.60	5615	.82	19.78	828.2

Sampling Activities

Sampling Date: 7.31.15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MK, CB

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Environmental Services

	PH	cond	D.O.	Temp	Turb
9:45	4.88	5785	1.24	20.44	2197.3
9:50	4.68	5725	1.02	19.84	2179.5
9:55	4.60	5688	.90	19.65	2150.5
10:00	4.59	5634	.88	19.57	1313.4
10:05	4.60	5615	.82	19.28	828.2

Monitoring Well Sampling Log

Site Name: 1st AVE AND 20TH ST.	**Weather:** Sunny / 82°
Site Number:	**Well Condition:**
Well ID: MW-46	**Gauge Time:** 12:57
Gauge Date: 7-22-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	29.55
B. Depth to Water (ft.):	13.56
C. Liquid Depth (ft.) [A - B]:	15.99
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.5584
F. Three Well Vols [E x 3]	7.6752

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump. Sample Time: 13:42

Purge Time (mins):

Purge Rate (gpm): 350 mL/min ~2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp. 24.11	Turbidity
Pre-Purge	13:15	5.66	23.6	1.70	[illegible]	14.6
Mid-Purge						
Post-Purge	13:35	5.54	18.1	.56	22.45	4.1

Sampling Activities

Sampling Date: 7-22-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): WAC, CB

EnviroTrac
Environmental Services

631-365-4917 Frank

Time	pH	Cond	D.O.	Temp	Turb
~~1473~~ 13:15	5.66	23.6 mS/cm	1.70	24.11	14.6 NTU
13:20	5.53	23.1	.73	22.05	6.2
13:25	5.53	21.4	.58	22.48	5.0
13:30	5.54	19.5	.61	22.47	4.3
1335	5.54	18.1	.56	22.45	4.1

350 mL/min

@ 1:42

Monitoring Well Sampling Log

Site Name: 1st Ave & 80th St.	**Weather:** Cloudy
Site Number:	**Well Condition:**
Well ID: MW-[redacted]45	**Gauge Time:** 11:50
Gauge Date: 7-21-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	30.07
B. Depth to Water (ft.):	10.94
C. Liquid Depth (ft.) [A - B]:	19.13
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	3.0608
F. Three Well Vols [E x 3]	9.1824

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump (low flow) ~2 gal.
Purge Time (mins):
Purge Rate (gpm): 300ml/min

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	12:00	6.16	34.7	.86	20.74	34.0
Mid-Purge						
Post-Purge	12:20	6.12	35.2	.52	20.20	26.9

Sampling Activities

Sampling Date: 7-21-15
Inventory of Sampling Containers: 3 VOAs (HCl) Sampled @ 12:25

Description of Groundwater:
Comments & Observations:

Name of Sampler(s):

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Environmental Services

	pH	cond	D.O.	Temp	Turbs
12:05	6.15	34.4	.72	20.57	31.2
12:10	6.15	34.7	.60	20.28	27.1
12:15	6.14	35.0	.54	20.32	26.9
12:20	6.12	35.2	.52	20.20	26.9

Monitoring Well Sampling Log

Site Name: 1ST Ave And 90th St.	**Weather:** Sunny/86°
Site Number:	**Well Condition:**
Well ID: MW-44	**Gauge Time:**
Gauge Date: 7-21-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	24.37
B. Depth to Water (ft.):	13.93
C. Liquid Depth (ft.) [A - B]:	10.44
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.6704
F. Three Well Vols [E x 3]	5.0112

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump — Sample Time: 14:00

Purge Time (mins):

Purge Rate (gpm): 300mL/min. — Field Blank: 14:25

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	13:40	5.87	6942	1.58	25.29	4.5
Mid-Purge						
Post-Purge	14:00	4.78	6211	.34	21.12	2.2

Sampling Activities

Sampling Date: 7-21-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): MC, CB

EnviroTrac
Environmental Services

Time	PH	Cond	D.O.	Temp	Turb
13:45	4.98	6398	.44	21.44	-1.6
13:50	4.84	6359	.36	21.24	-2.4
13:55	4.81	6356	.35	21.27	-2.1
14:00	4.78	6341	.34	21.12	-2.2

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St. **Weather:** Rain / Heavy Rain / Foggy
Site Number: **Well Condition:**
Well ID: MW-93 **Gauge Time:**
Gauge Date: 7-23-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	26.82
B. Depth to Water (ft.):	12.17
C. Liquid Depth (ft.) [A - B]:	14.65
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.344
F. Three Well Vols [E x 3]	7.032

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump **Sample Time:** 14:40
Purge Time (mins):
Purge Rate (gpm): 300 ml/min. **Total purge = ~2gal.**

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	14:10	6.38	4142	2.70	24.91	685.5
Mid-Purge						
Post-Purge	14:30	6.21	5551	.94	22.03	666.2

Sampling Activities

Sampling Date: 7-30-15
Inventory of Sampling Containers: 3 VOAs (HCl)
Description of Groundwater:
Comments & Observations:
Name of Sampler(s): MC, CB

FB-9 = 15:15 (S/T)

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Environmental Services

	pH	Cond	D.O.	Temp	Turb
14:15	6.22	5594	.94	22.66	2242.7
14:20	6.20	5562	.92	22.18	2222.2
14:25	6.18	5548	.73	22.08	1847.3
14:30	6.21	5551	.94	22.03	6666.2
14:35					

Monitoring Well Sampling Log

Site Name: 1st Ave and 20th St. **Weather:** Sunny
Site Number: **Well Condition:**
Well ID: MW-41 **Gauge Time:**
Gauge Date: 8-3-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	23.42
B. Depth to Water (ft.):	11.88
C. Liquid Depth (ft.) [A - B]:	11.54
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.8469
F. Three Well Vols [E x 3]	5.5392

Table 1
Well Volume/ft.

Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump Sample Time = 11:55
Purge Time (mins):
Purge Rate (gpm): 325 ml/min Actual purge = ~2 gallons

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
~~Pre-Purge~~	10:55	6.71	2.0	6.78	32.03	
~~Mid-Purge~~	11:20	6.40	926	4.05	25.03	883.2
Post-Purge	11:50	5.70	951	.59	70.50	368.0

PRE

Sampling Activities

Sampling Date:
Inventory of Sampling Containers:

Description of Groundwater:
Comments & Observations:

Name of Sampler(s):

EnviroTrac
Environmental Services

	pH	Cond	D.O.	Temp	Turb
11:25	5.84	866	1.80	22.00	1512.6
					1417.0
1130	5.66	864	1.11	21.50	[illegible]
1135	5.65	886	.79	21.01	1072.1
11:40	5.65	875	.74	20.72	751.3
11:45	5.70	925	.65	20.68	449.3
11:50	5.70	951	.59	20.50	368.0

Monitoring Well Sampling Log

Site Name: 1ST AVE. & 90TH ST.	**Weather:** Sunny / 75°
Site Number:	**Well Condition:** OK
Well ID: MW-40	**Gauge Time:** 10:18
Gauge Date: 7-21-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	26.73
B. Depth to Water (ft.):	17.53
C. Liquid Depth (ft.) [A - B]:	9.20
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.472
F. Three Well Vols [E x 3]	4.416

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER PUMP — Sample Time: 11:04

Purge Time (mins):

Purge Rate (gpm): 300 ml/min — 21.5 gallons

Description of activity (i.e. - visual observation of water quality, did well pump dry)

WD to manway needs to be detapped 3/8 BOLTS Too SMALL

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:35	5.70	42.7	6.11	24.05	792
Mid-Purge						
Post-Purge	11:00	5.37	42.4	5.21	24.11	18.4

Sampling Activities

Sampling Date: 7-21-15

Inventory of Sampling Containers: 3 VOAs

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): MAC, CB

EnviroTrac
Environmental Services

	PH	cond.	D.O.	Temp	Turb.
10:40	5.49	42.6	5.73	23.84	35.2
10:45	5.45	42.6	5.73	23.83	28.9
10:50	5.40	42.6	5.54	23.94	20.4
10:55	5.38	42.5	5.45	24.09	28.9
11:00	5.37	42.4	5.41	24.11	18.4

Monitoring Well Sampling Log

Site Name: 1st Ave & 20th St.	**Weather:** Sunny
Site Number:	**Well Condition:**
Well ID: MW-38	**Gauge Time:** 8:46
Gauge Date: 7-22-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	26.58
B. Depth to Water (ft.):	12.14
C. Liquid Depth (ft.) [A - B]:	14.44
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.3104
F. Three Well Vols [E x 3]	6.9312

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump ~2.5 gallons
Purge Time (mins):
Purge Rate (gpm): 350 mL/min

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Dave Harrington (Mystic) arrived on site @ 9:45

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	9:10	5.85	37.5	3.50	21.74	999
Mid-Purge						
Post-Purge	9:35	5.65	34.6	2.57	20.19	5.5

Sampling Activities

Sampling Date: 7-29-15 Sample Time: 9:38
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

EnviroTrac
Environmental Services

	pH	cond	D.O.	temp	turb
9:15	5.75	37.4	2.52	20.62	76.7
9:20	5.72	35.9	2.34	20.39	18.9
9:25	5.66	35.1	2.62	20.26	10.9
9:30	5.63	34.7	2.55	20.18	7.0
9:35	5.63	34.6	2.57	20.19	5.5

Monitoring Well Sampling Log

Site Name: 151st and 90th St	**Weather:** Sunny / 86°
Site Number:	**Well Condition:**
Well ID: MW-37	**Gauge Time:** 7:05 (14:05)
Gauge Date: 4-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	26.34
B. Depth to Water (ft.):	10.16
C. Liquid Depth (ft.) [A - B]:	16.18
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.5888
F. Three Well Vols [E x 3]	7.7664

Table 1

Well Volume/ft.	
Well Dia.	**gal/ft.**
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump
Purge Time (mins):
Purge Rate (gpm): 300mL/min

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	7:15	6.91	2704	4.93	26.01	1334
Mid-Purge						
Post-Purge	7:40	5.60	2479	.48	21.48	40.1

Sampling Activities

Sampling Date:
Inventory of Sampling Containers:

Description of Groundwater:
Comments & Observations:

Name of Sampler(s):

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Environmental Services

	pH	cond	D.O.	temp	Turb
2:20	5.64	2059	.81	22.13	275.5
2:25	5.58	2538	.66	21.84	200.7
2:30	5.50	2508	.58	21.55	114.1
2:35	5.54	2510	.55	21.41	72.2
2:40	5.60	2479	.48	21.48	40.1

Monitoring Well Sampling Log

Site Name: 1ST AND 90TH ST.	**Weather:** Cloudy/67. Rain
Site Number:	**Well Condition:** OK
Well ID: MW-36	**Gauge Time:** 8:40
Gauge Date: 7-30-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	30.29
B. Depth to Water (ft.):	10.46
C. Liquid Depth (ft.) [A - B]:	19.83
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	3.1728
F. Three Well Vols [E x 3]	9.5184

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER PUMP (LOW FLOW) Sample Time = 9:55
Purge Time (mins):
Purge Rate (gpm): 300 ML/MIN Actual purge = ~2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	910	6.44	11816	2.51	25.78	954.9
Mid-Purge						
Post-Purge	9:50	5.28	10782	1.76	20.92	152.8

Sampling Activities

Sampling Date: 7-30-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MAC, CB

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Environmental Services

	PH	Cond	D.O.	Temp	Turb
9:15	5.43	12784	2.11	22.33	1660.1
9:20	5.25	12635	2.28	21.66	1255.3
9:25	5.27	12657	2.02	21.76	1070.1
9:30	5.21	11419	2.65	21.10	464.4
9:35	5.21	11529	2.35	21.03	280.5
9:40	5.25	11258	2.28	21.43	204.5
9:45	5.26	10965	1.80	21.08	165.6
9:50	5.28	10782	1.76	20.92	152.8

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St	**Weather:** Sunny / 90°
Site Number:	**Well Condition:**
Well ID: MW-35	**Gauge Time:**
Gauge Date: 7-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2 in

Calculation of Well Volume

A. Well Depth (ft.):	30.32
B. Depth to Water (ft.):	12.89
C. Liquid Depth (ft.) [A - B]:	17.45
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.792
F. Three Well Vols [E x 3]	8.376

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump — Sample Time = 14:05

Purge Time (mins):

Purge Rate (gpm): 325 ml/min. — Actual Purge = 1.5 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	13:40	5.93	2455	1.96	23.73	260.3
Mid-Purge						
Post-Purge	1400	5.18	2593	.68	20.84	28.4

Sampling Activities

Sampling Date: 7-31-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): VMC / CB

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Environmental Services

	PH	Cond.	D.O.	Temp	Turb
13:45	5.32	2525	.86	21.25	53.8
13:50	5.21	2586	.74	21.04	~~54~~ 51.7
13:55	5.22	2616	.72	21.03	41.9
14:00	5.18	2593	.68	20.84	28.4
14:05					

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** cloudy/80°
Site Number:	**Well Condition:**
Well ID: MW-34	**Gauge Time:**
Gauge Date: 7-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	29.96
B. Depth to Water (ft.):	14.39
C. Liquid Depth (ft.) [A - B]:	15.57
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.4917
F. Three Well Vols [E x 3]	7.4736

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump — Sample Time: 12:34

Purge Time (mins):

Purge Rate (gpm): 325 ml/min. — Actual purge = ~2gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	11:40	6.09	13488	.59	22.11	2231.8
Mid-Purge						
Post-Purge	12:30	5.52	4502	.29	21.90	143.8

Sampling Activities

Sampling Date: 9-27-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): VAC, CB

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Environmental Services

	PH	cond	D.O.	Temp	Turbs
11:45	5.74	13667 13324	.53	23.23	1181.2
11:50	5.72	~~13224~~	.51	23.04	658.4
11:55	5.73	12804	.52	23.05	320.4
12:00	5.75	12540	.50	23.17	158.2
12:05	5.84	12454	.45	25.81	93.2
12:10	5.85	12150	.44	24.25	~~[illegible]~~ 58.6
12:15	5.54	10602	.40	22.11	149.2
12:20	5.43	9135	.32	21.78	~~[illegible]~~ 115.6
12:25	5.47	6907	.32	21.84	81.2
12:30	5.52	4502	.29	21.90	145.8

Monitoring Well Sampling Log

Site Name: 1ST Ave & 18th ST.	**Weather:** Sunny / 95°
Site Number:	**Well Condition:** OK
Well ID: MW-33	**Gauge Time:** 1:11
Gauge Date: 7-20-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	28.88
B. Depth to Water (ft.):	11.70
C. Liquid Depth (ft.) [A - B]:	17.18
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.7488
F. Three Well Vols [E x 3]	8.2464

Table 1

Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Low Flow Bladder pump
Purge Time (mins):
Purge Rate (gpm): 300mL/min

Description of activity (i.e. - visual observation of water quality, did well pump dry)

2 1.5 gallons actually purged

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	1:30	5.43	22.3	3.27	24.68	23.2
Mid-Purge	1:35	5.26	27.[illegible]	1.03	22.69	9.2
Post-Purge	1:45	5.21	27.9	.68	22.40	8.4

Sampling Activities

Sampling Date: 7-20-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): WC, CB

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Environmental Services

	pH	cond	D.O.	temp	Turb
1:35	5.26	27.8	1.03	22.69	14.8
1:40	5.22	27.9	.77	22.79	9.2
1:45	5.21	27.9	.68	22.40	8.4

Monitoring Well Sampling Log

Site Name: 1ST AVE & 20TH ST.	**Weather:** Sunny / 75°
Site Number:	**Well Condition:**
Well ID: MW-32	**Gauge Time:** 8:27
Gauge Date: 7-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	27.29
B. Depth to Water (ft.):	11.36
C. Liquid Depth (ft.) [A - B]:	15.93
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.5488
F. Three Well Vols [E x 3]	7.6464

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Sample Time: 9:35

Purge Time (mins):

Purge Rate (gpm): 300 mL/min. 2 gallons total

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	9:00	6.62	364	.80	21.54	779
Mid-Purge						
Post-Purge	9:30	5.68	356	.45	21.54	42.4

Sampling Activities

Sampling Date: 7-23-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): MAC / CB

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Environmental Services

Time	PH	cond.	D.O.	Temp	Turb
9:05	5.77	357	.49	21.12°	242.
9:10	5.91	357	.47	21.29°	96.4
9:15	5.88	356	.46	21.14°	81.6
9:20	5.84	356	.47	21.26	49.4
9:25	5.77	357	.46	21.29	48.1
9:30	5.68	356	.45	21.54	42.4

Monitoring Well Sampling Log

Site Name: 1st Ave Mob 90th St	**Weather:** Sunny
Site Number:	**Well Condition:**
Well ID: MW-31	**Gauge Time:**
Gauge Date: 7-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	20.02
B. Depth to Water (ft.):	12.50
C. Liquid Depth (ft.) [A - B]:	7.52
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.2032
F. Three Well Vols [E x 3]	3.60096

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump. Sample Time 13:42

Purge Time (mins):

Purge Rate (gpm): 400 mL/min.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O. 4.52	Temp.	Turbidity
Pre-Purge	13:05	7.04	10430	[illegible]	25.34	215.7
Mid-Purge						
Post-Purge	13:30	6.53	5224	1.29	23.52	14.2

Sampling Activities

Sampling Date: 7-23-15

Inventory of Sampling Containers:

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): WD, CB

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Environmental Services

Time	PH	cond	D.O.	Temp	Turbs
13:10	6.80	9734	3.73	23.10	85.7
13:15	6.63	8373	2.02	23.12	68.5
13:20	6.59	6791	1.66	23.33	57.7
13:25	6.57	5615	1.39	23.51	18.5
13:30	6.53	5224	1.29	23.52	14.2

Monitoring Well Sampling Log

Site Name: 1st Ave and 20th St	**Weather:** Sunny / 85°
Site Number:	**Well Condition:** OK
Well ID: MW-29	**Gauge Time:**
Gauge Date: 9-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	24.78
B. Depth to Water (ft.):	18.44
C. Liquid Depth (ft.) [A - B]:	6.34
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.0144
F. Three Well Vols [E x 3]	3.0432

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 14:50

Purge Time (mins):

Purge Rate (gpm): ~~300~~ 250 ml/min — Actual purge: 2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	2:15	3.85	6706	2.64	24.76	471.6
Mid-Purge						
Post-Purge	2:45	3.21	5788	2.88	20.64	35.4

Sampling Activities

Sampling Date: 8-4-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): VR, CB

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Environmental Services

	PH	Cond	D.O.	Temp	Turb
2:20	3.48	5940	2.45	24.07	389.1
2:25	3.46	5786	2.58	23.49	247.7
2:30	3.55	5730	2.64	23.64	107.2
2:35	3.17	5358	2.55	20.74	57.7
2:40	3.14	5303	2.72	20.52	42.0
2:45	3.21	5288	2.88	20.64	35.4

Monitoring Well Sampling Log

Site Name: 1st & 90th	**Weather:** cloudy
Site Number:	**Well Condition:** OK
Well ID: MW-27	**Gauge Time:** 12:48
Gauge Date: 7-21-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	25.46
B. Depth to Water (ft.):	11.58
C. Liquid Depth (ft.) [A - B]:	13.88
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.2208
F. Three Well Vols [E x 3]	6.6624

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump (low flow) 3 gal
Purge Time (mins):
Purge Rate (gpm): 350 ml/min.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	1:05	6.06	81.9	1.93	23.34	54.1
Mid-Purge	1:25	5.68	100.0	3.49	20.47	7.7
Post-Purge	1:40	5.60	88.9	3.07	20.41	4.6

Sampling Activities

Sampling Date: 7-21-15 Sample Time:
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MAC, CB

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Environmental Services

	pH	cond	D.O.	temp	turb.
1:15	5.82	100.0?	4.96	21.82	17.6
1:20	5.72	100.0	3.52	20.46	11.3
1:25	5.68	100.0	3.49	20.47	7.2
1:30	5.64	97.3	3.02	20.38	5.1
1:35	5.62	90.6	3.45	20.30	4.9
1:40	5.60	88.9	3.07	20.41	4.6

Monitoring Well Sampling Log

Site Name: 1ST AVE AND 90TH ST.	**Weather:** CLOUDY/HUMID/75°
Site Number:	**Well Condition:**
Well ID: MW-26	**Gauge Time:**
Gauge Date: 7-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):**

Calculation of Well Volume

A. Well Depth (ft.):	25.94
B. Depth to Water (ft.):	16.64
C. Liquid Depth (ft.) [A - B]:	9.30
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.488
F. Three Well Vols [E x 3]	4.464

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER PUMP (LOW FLOW) ACTUAL PURGE = 2 GAL.
Purge Time (mins):
Purge Rate (gpm): 350 ML/MIN. SAMPLE TIME: 10:43

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:15	6.31	6859	1.93	22.40	43.1
Mid-Purge						
Post-Purge	10:40	5.05	6291	.68	18.78	14.2

Sampling Activities

Sampling Date: 7-27-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VAC/CR

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Environmental Services

	pH	cond	D.O.	Temp	Turb
10:20	5.51	6645	1.15	21.04	42.3
10:25	5.30	6509	.86	20.05	33.2
10:30	5.08	6343	.74	19.03	23.8
10:35	5.05	6305	.75	18.85	~~23~~ 18.6
10:40	5.05	6291	.68	18.78	14.2

Monitoring Well Sampling Log

Site Name: 13th Ave and 90th St. **Weather:** Cloudy/Humid/80s
Site Number: **Well Condition:**
Well ID: MW-24 **Gauge Time:**
Gauge Date: 7-23-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 24

Calculation of Well Volume

A. Well Depth (ft.):	18.75
B. Depth to Water (ft.):	14.87
C. Liquid Depth (ft.) [A - B]:	3.88
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	0.6208
F. Three Well Vols [E x 3]	1.8624

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump (low flow) Sample Time = 13:01
Purge Time (mins):
Purge Rate (gpm): 350 ml/min. Actual purge = ~2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

~~Pump keep~~ pump Inf. port keeps sitting over. No flow. Had to clean Inf. port repeatedly.

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	12:25	6.510	1963	4.43	25.15	2281.4
Mid-Purge						
Post-Purge	12:55	5.52	1823	1.26	20.48	1158.1

Sampling Activities

Sampling Date: 7-30-15
Inventory of Sampling Containers: 3 VOAs (HCl)
Description of Groundwater: Turbid
Comments & Observations:
Name of Sampler(s): VRC, CB

EnviroTrac
Environmental Services

	PH	Cond.	D.O.	Temp	Turb
12:30	5.65	1560	1.09	20.68	2201.9
12:35	5.48	1681	.93	20.38	2194.4
12:40	5.42	1728	.95	20.24	1744.1
12:45	5.41	1823	1.22	20.23	1849.3
12:50	5.43	1839	1.34	20.38	1257.3
12:55	5.52	1823	1.26	20.48	1158.1

Monitoring Well Sampling Log

Site Name:	1st Ave and 80th St.	**Weather:**	Sunny
Site Number:		**Well Condition:**	Lid Needs Replacing
Well ID:	MW-23	**Gauge Time:**	
Gauge Date:	7.23.15	**Reference Point:**	
Sounding Method:	Interface Probe	**Well Diameter (IN.):**	2"

Calculation of Well Volume

A. Well Depth (ft.):	25.08
B. Depth to Water (ft.):	20.45
C. Liquid Depth (ft.) [A - B]:	4.63
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	0.7408
F. Three Well Vols [E x 3]	2.2224

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump Sample Time = 12:50

Purge Time (mins):

Purge Rate (gpm): 300 ml/min Actual purge = 1 gal

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	12:25	6.70	696	1.11	23.09	1449.8
Mid-Purge						
Post-Purge	12:45	5.46	659	.56	22.61	908.3

Sampling Activities

Sampling Date: 7-31-15

Inventory of Sampling Containers: 3 VOAS (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): VAC, CB

EnviroTrac
Environmental Services

	pH	cond	D.O.	Temp	Turb
12:30	5.46	682	.83	22.98	1751.3
12:35	5.40	673	.66	22.79	1585.2
12:40	5.41	663	.60	22.64	1872.4
12:45	5.46	659	.56	22.61	908.3

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** Sunny / 93°
Site Number:	**Well Condition:**
Well ID: MW-11	**Gauge Time:** ?
Gauge Date: 7-23-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	25.93
B. Depth to Water (ft.):	17.48
C. Liquid Depth (ft.) [A - B]:	8.45
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.352
F. Three Well Vols [E x 3]	4.056

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER pump — SAMPLE TIME: 13:30
Purge Time (mins):
Purge Rate (gpm): 350 ml/min. — Actual purge: 21.5gal/7/29/15.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	13:00	5.64	4006	2.21	24.33	409.3
Mid-Purge						
Post-Purge	13:25	4.54	3921	1.86	21.38	34.7

Sampling Activities

Sampling Date: 7-29-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CP

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Environmental Services

	pH	Cond.	D.O.	Temp	Turb
13:10	4.55	3715	1.44	21.31°	120.3
13:15	4.57	3742	1.80	21.49	71.3
13:20	4.53	3731	2.11	21.23	44.3
13:25	4.54	3721	1.86	21.38	34.7

Monitoring Well Sampling Log

Site Name: 1ST AVE AND 90TH ST.	**Weather:** cloudy / 74°
Site Number:	**Well Condition:**
Well ID: MW-20	**Gauge Time:**
Gauge Date:	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	22.98
B. Depth to Water (ft.):	16.64
C. Liquid Depth (ft.) [A - B]:	6.34
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.0144
F. Three Well Vols [E x 3]	3.0432

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: bladder pump — Sample Time: 9:05

Purge Time (mins):

Purge Rate (gpm): 325 ml/min. — Actual purge = 21.5

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	8:35	6.23	7124	3.16	20.74	262.2
Mid-Purge						
Post-Purge	9:00	4.98	7079	2.45	19.01	38.2

Sampling Activities

Sampling Date: 7-27-15

Inventory of Sampling Containers:

Description of Groundwater:

Comments & Observations:

Name of Sampler(s):

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Environmental Services

Time	PH	cond.	D.O.	temp	turb
8:40	5.35	7089	1.94	20.42	193.2
8:45	5.18	6967	2.16	19.65	134.2
8:50	4.98	7009	2.36	18.89	71.4
8:55	4.97	7075	2.47	18.95	56.4
9:00	4.98	7079	2.45	19.01	38.2

Monitoring Well Sampling Log

Site Name: 1st Ave and 20th St.	**Weather:** Sunny / 72°
Site Number:	**Well Condition:**
Well ID: MW-19	**Gauge Time:** 8:18
Gauge Date: 7-24-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	20.12
B. Depth to Water (ft.):	7.45
C. Liquid Depth (ft.) [A - B]:	12.67
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.0272
F. Three Well Vols [E x 3]	6.0816

Table 1

Well Volume/ft.	
Well Dia.	**gal/ft.**
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump — Sample Time: 9:18

Purge Time (mins):

Purge Rate (gpm): 250 ml/min — purged ~1.5 gallons

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	8:55	6.59	9332	4.04	24.07	-0.1
Mid-Purge						
Post-Purge	9:15	5.21	9075	.42	70.51	6.4

Sampling Activities

Sampling Date: 7-24-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): MC, CB

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Environmental Services

Time	PH	Cond	D.O.	Temp	Turbs
9:00	5.74	9224	.71	20.77	6.0
9:05	5.39	9019	.44	20.48	-1.3
9:10	5.30	9092	.45	20.52	-1.3
9:15	5.21	9075	.42	20.51	6.4

Monitoring Well Sampling Log

Site Name: 137 Ave & 90th St.	**Weather:** Sunny
Site Number:	**Well Condition:** ok
Well ID: MW-19	**Gauge Time:** 11:37
Gauge Date: 7-22-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	21.70
B. Depth to Water (ft.):	12.43
C. Liquid Depth (ft.) [A - B]:	9.27
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.4832
F. Three Well Vols [E x 3]	4.4496

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump Sample Time: 12:25
Purge Time (mins):
Purge Rate (gpm): 250 ml/min.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	11:55	5.64	10.2	2.29	25.62	16.0
Mid-Purge						
Post-Purge	12:20	5.60	10.1	.65	22.72	6.2

Sampling Activities

Sampling Date: 7-22-15
Inventory of Sampling Containers:

Description of Groundwater:
Comments & Observations:

Name of Sampler(s):

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Environmental Services

	pH	cond	D.O.	temp	Turbs
12:00	5.64	~~9.77~~ 10.0	1.30	25.76	12.1
12:05	5.63	9.90	1.05	24.98	9.5
12:10	5.62	10.1	.73	22.80	7.1
12:15	5.62	9.76	.66	22.54	3.1
12:20	5.60	10.1	.65	22.22	6.2

Monitoring Well Sampling Log

Site Name: 1st & Broad 90th St.	**Weather:** Sunny / 92°
Site Number:	**Well Condition:** OK
Well ID: MW-16	**Gauge Time:** 10:54
Gauge Date: 7-20-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	11.32
B. Depth to Water (ft.):	15.41
C. Liquid Depth (ft.) [A - B]:	4.09
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	.65
F. Three Well Vols [E x 3]	1.9632

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Low flow Bladder pump
Purge Time (mins):
Purge Rate (gpm): 100 ml/min.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

½ gallon actually purged

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	11:34	5.25	36.7	1.31	27.08	17.9
Mid-Purge		5.58	26.4	1.02	27.22	7.5
Post-Purge	11:55	5.61	23.2	.96	27.69	5.0

Sampling Activities

Sampling Date: 7-20-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

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Environmental Services

	PH	cond	D.O.	Temp	turb.
11:40	5.53	29.9	1.09	27.82	8.6
11:45	5.58	26.1	1.02	27.22	7.5
11:50	5.61	24.1	.97	27.41	5.2
11:55	5.61	23.2	.96	27.69	5.0

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** Sunny / 80°
Site Number:	**Well Condition:**
Well ID: MW-15	**Gauge Time:** 10:00
Gauge Date: 8-4-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	18.76
B. Depth to Water (ft.):	15.25
C. Liquid Depth (ft.) [A - B]:	3.51
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	0.5616
F. Three Well Vols [E x 3]	1.6848

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump / Low Flow Sample Time: 10:50
Purge Time (mins):
Purge Rate (gpm): 325 ML/min Actual purge = 2.5 gallons

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:20	6.12	7218	2.46	26.11	18.7
Mid-Purge						
Post-Purge	10:45	4.96	5934	2.52	22.13	1.2

Sampling Activities

Sampling Date: 8-4-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VHC, CB

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Environmental Services

	pH	Cond	D.O.	Temp	Turb
10:25	5.23	6468	1.95	22.28	7.8
10:30	5.14	6309	2.15	22.40	4.4
10:35	5.09	6245	2.40	22.45	4.9
10:40	5.00	6064	2.50	22.19	2.5
10:45	4.96	5934	2.52	22.13	1.2

Monitoring Well Sampling Log

Site Name: ISLAND 90TH ST.	**Weather:** Sunny/80°
Site Number:	**Well Condition:**
Well ID: MW-13	**Gauge Time:**
Gauge Date: 8-3-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	21.59
B. Depth to Water (ft.):	9.14
C. Liquid Depth (ft.) [A - B]:	12.45
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.992
F. Three Well Vols [E x 3]	5.976

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER PUMP — Sample Time = 14:15
Purge Time (mins):
Purge Rate (gpm): 325 ml/min — Actual purge = ~2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	13:45	4.09	18741	1.52	22.78	683.4
Mid-Purge						
Post-Purge	14:10	4.04	8624	.91	13.94	105.8

Sampling Activities

Sampling Date: 8-3-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

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Environmental Services

	pH	Cond	D.O.	Temp	Turb
1:50	3.09	18465	1.06	19.92	210.4
1:55	3.21	15857	1.00	19.86	140.1
2:00	3.48	13458	.92	19.78	145.6
205	3.99	10719	.90	20.03	147.2
210	4.04	8624	.91	19.94	105.8

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St. **Weather:** Sunny
Site Number: **Well Condition:** OK
Well ID: MW-12 **Gauge Time:**
Gauge Date: 8-3-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	35.88
B. Depth to Water (ft.):	12.63
C. Liquid Depth (ft.) [A - B]:	23.25
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	3.72
F. Three Well Vols [E x 3]	11.16

Table 1
Well Volume/ft.

Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump Sample Time = 13:05
Purge Time (mins):
Purge Rate (gpm): 300 ml/min Actual purge = ~1 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	12:40	6.32	5323	1.59	25.06	64.9
Mid-Purge						
Post-Purge	1300	5.72	4995	.55	22.06	12.1

Sampling Activities

Sampling Date: 8-3-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): WC, CB

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Environmental Services

	PH	Cond	D.O.	Temp	Turb
12:45	5.79	5036	.74	22.49	37.4
12:50	5.75	4998	.56	22.28	31.7
12:55	5.75	4977	.53	22.20	20.4
1:00	5.72	4945	.55	22.06	12.1

Monitoring Well Sampling Log

Site Name: 1st Ave and 20th St. **Weather:** Sunny / 80°
Site Number: **Well Condition:**
Well ID: MW-11 **Gauge Time:** 9:10
Gauge Date: 8-3-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	35.15
B. Depth to Water (ft.):	12.90
C. Liquid Depth (ft.) [A - B]:	22.15
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	3.56
F. Three Well Vols [E x 3]	10.68

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump **Sample Time:**
Purge Time (mins):
Purge Rate (gpm): 300 ml/min. Actual purge = ~1.5 gal

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Standing water once lid opened. No expanding gas.

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	9:35	6.12	3089	4.00	24.51	171.3
Mid-Purge						
Post-Purge	10:00	4.99	2519	.56	24.05	122.9

Sampling Activities

Sampling Date: 8-3-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VAC, CB

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Environmental Services

	PH	Cond	D.O.	Temp	Turb
9:40	5.46	2957	1.22	23.89	252.3
9:45	5.25	2685	.75	23.97	~~22~~ 197.3
9:50	5.08	2534	.64	23.86	182.0
9:55	5.00	2483	.58	24.06	109.1
10:00	4.99	2519	.56	24.05	122.9

12.63 35.88

MW · 12 = DIB = 35.95 ok

Monitoring Well Sampling Log

Site Name: 1st Ave & 90th St. **Weather:** cloudy
Site Number: **Well Condition:** Locks Bolts
Well ID: MW-10 **Gauge Time:** 9:00
Gauge Date: 7-21-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	38.43
B. Depth to Water (ft.):	12.87
C. Liquid Depth (ft.) [A - B]:	25.56
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	4.0896
F. Three Well Vols [E x 3]	12.2688

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump (low flow purge)
Purge Time (mins):
Purge Rate (gpm): 300 ml/min TOTAL ~1.5 gallon

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	9:20	5.46	9.41	2.60	24.03	48.6
Mid-Purge	9:35	5.54	8.99	.82	20.77	29.2
Post-Purge	9:50	5.60	8.74	.72	20.57	12.10

Sampling Activities

Sampling Date: 7-21-15
Inventory of Sampling Containers: 3 VOAs

Description of Groundwater: CLEAR NO ODOR.
Comments & Observations:

Name of Sampler(s): WAC, CB

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Environmental Services

	PH	cond	D.O.	Temp	Turb
9:25	5.48	9.38	.99	21.16	66.4
9:30	5.52	9.08	.85	20.73	34.6
9:35	5.54	8.99	.82	20.77	29.2
9:40	5.57	8.91	.74	20.93	24.8
9:45	5.60	8.79	.70	20.67	20.3
9:50	5.60	8.74	.72	20.51	12.6

Monitoring Well Sampling Log

Site Name: 137 & 90TH	**Weather:** cloudy
Site Number:	**Well Condition:**
Well ID: MW-9	**Gauge Time:** 10:25
Gauge Date: 7-21-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	35.15
B. Depth to Water (ft.):	15.57
C. Liquid Depth (ft.) [A - B]:	19.58
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	3.1328
F. Three Well Vols [E x 3]	9.3984

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: BLADDER pump
Purge Time (mins):
Purge Rate (gpm): 300 ml/min TOTAL ~1 gal

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:40	5.59	23.6	2.87	22.52	478
Mid-Purge						
Post-Purge	11:05	5.62	23.41	.60	21.03	19.3

Sampling Activities

Sampling Date: 7-21-15 Sample: 11:07
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s):

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Environmental Services

	PH	cond	D.O.	Temp	Turbidity
10:45	5.60	23.6	1.22	21.50	180
10:50	5.61	23.2	.81	21.02	66.0
10:55	5.63	23.1	.70	20.78	44.6
11:00	5.62	23.2	.63	20.74	28.7
11:05	5.62	23.4	.60	21.03	19.3

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St. **Weather:** Sunny
Site Number: **Well Condition:**
Well ID: MW-08D **Gauge Time:**
Gauge Date: 7-23-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	48.14
B. Depth to Water (ft.):	13.38
C. Liquid Depth (ft.) [A - B]:	34.76
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	5.5616
F. Three Well Vols [E x 3]	16.6848

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump (Low Flow) Sample Time: 11:48
Purge Time (mins):
Purge Rate (gpm): 300 ml/min

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	11:25	6.17	#11624	3.41	21.76	68.5
Mid-Purge						
Post-Purge	11:45	4.72	6394	1.316	18.50	19.6

Sampling Activities

Sampling Date: 7-24-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

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Environmental Services

TIME	PH	Cond	D.O.	Temp	Turb
11:30	5.71	8460	2.54	19.57	61.3
11:35	5.08	6562	1.41	18.62	35.2
11:40	4.81	6461	1.34	18.46	20.8
11:45	4.72	6394	1.36	18.50	19.6

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** Sunny / 78°
Site Number:	**Well Condition:**
Well ID: MW-08	**Gauge Time:** 9:48
Gauge Date: ~~7-24-15~~ 7-24-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):**

Calculation of Well Volume

A. Well Depth (ft.):	30.11
B. Depth to Water (ft.):	12.87
C. Liquid Depth (ft.) [A - B]:	17.24
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.7584
F. Three Well Vols [E x 3]	8.2752

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 10:44

Purge Time (mins):

Purge Rate (gpm): ~~750 ml/min~~ 350 ml/min. ~~Actual purge time = 22.5 hours~~ Actual purge = 22.5 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:10	5.92	11441	3.34	18.86	2127.8
Mid-Purge						
Post-Purge	10:40	5.13	10869	2.75	17.89	130.1

Sampling Activities

Sampling Date: 7-24-15

Inventory of Sampling Containers: 3 voAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): Dave, CB

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Environmental Services

Time	pH	cond	D.O.	Temp	Turb
10:15	4.69	11266	3.11	18.17	1532.5
10:20	4.79	11254	3.10	18.16	1552.5
10:25	4.88	11224	3.10	18.14	1771.2
10:30	4.99	11194	3.11	18.09	153.4
10:35	5.10	10933	2.99	17.92	121.3
10:40	5.13	10869	2.75	17.89	130.1

Monitoring Well Sampling Log

Site Name: 1st Ave and 9th St.	**Weather:** Sunny
Site Number:	**Well Condition:**
Well ID: MW-07	**Gauge Time:**
Gauge Date: 7-24-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	29.78
B. Depth to Water (ft.):	13.02
C. Liquid Depth (ft.) [A - B]:	16.76
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.6816
F. Three Well Vols [E x 3]	8.0448

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 13:05
Purge Time (mins):
Purge Rate (gpm): 325 ml/min — Total purge = 2.3 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	12:25	6.13	4152	2.04	22.61	156.2
Mid-Purge						
Post-Purge	1:00	4.37	3002	2.39	20.74	28.4

Sampling Activities

Sampling Date: 7-24-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VAC, CB

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TIME	PH	Cond.	D.O.	Temp	Turb
12:30	4.90	3995	1.79	21.44	72.8
12:35	4.58	3520	1.99	21.59	89.6
12:40	4.40	3286	2.10	20.92	77.1
12:45	4.35	3190	2.14	20.65	40.8
12:50	4.47	3123	2.21	20.93	52.5
12:55	4.36	2979	2.42	20.58	28.2
1:00	4.37	3002	2.39	20.74	28.4

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St.	**Weather:** Cloudy
Site Number:	**Well Condition:**
Well ID: MW-06	**Gauge Time:** 10:15
Gauge Date: 7-30-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	31.68
B. Depth to Water (ft.):	11.58
C. Liquid Depth (ft.) [A - B]:	20.10
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	3.216
F. Three Well Vols [E x 3]	9.648

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 11:10

Purge Time (mins):

Purge Rate (gpm): 900 ml/min. — Total purge = ~2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	10:35	5.32	15216	1.67	21.40	641.0
Mid-Purge						
Post-Purge	11:05	5.03	14700	1.12	20.39	

Sampling Activities

Sampling Date: 7-30-15

Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:

Comments & Observations:

Name of Sampler(s): MC, CB

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	pH	Cond.	D.O.	Temp	Turb
10:40	5.04	14899	1.73	20.41	505.3
10:45	4.99	14848	1.47	20.41	370.3
10:50	4.99	14728	1.19	20.27	233.3
10:55	4.99	14715	1.47	20.29	168.3
11:00	5.01	14662	1.30	20.27	127.4
11:05	5.03	14700	1.12	20.39	126.4

Monitoring Well Sampling Log

Site Name: 1ST AVE and 90TH ST.	**Weather:** Sunny/82°
Site Number:	**Well Condition:**
Well ID: MW-05	**Gauge Time:** 11:40
Gauge Date: 8-3-15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	19.07
B. Depth to Water (ft.):	16.49
C. Liquid Depth (ft.) [A - B]:	2.58
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	0.4128
F. Three Well Vols [E x 3]	1.2384

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder Pump/low flow Sample Time = 12:10
Purge Time (mins):
Purge Rate (gpm): 200 ml/min. Actual purge = 2 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
~~Pre-Purge~~		5.81	74	8.21	24.89	
Mid-Purge	11:40	6.96	639	.74	27.91	190.6
Post-Purge	12.05	6.47	485	.37	24.37	119.6

Sampling Activities

Sampling Date: 8-3-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): MC, CB

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	pH	Cond	D.O.	Temp	Turb
11:45	6.67	557	.34	26.45	56.9
11:50	6.60	514	.33	25.72	129.0
11:55	6.59	501	.30	25.46	122.9
12:00	6.52	489	.39	24.67	127.3
12:05	6.47	485	.37	24.37	119.6

Monitoring Well Sampling Log

Site Name: 1st Ave and 90th St. **Weather:** Sunny
Site Number: **Well Condition:**
Well ID: MW-04 **Gauge Time:**
Gauge Date: 7-23-15 **Reference Point:**
Sounding Method: Interface Probe **Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	31.21
B. Depth to Water (ft.):	23.69
C. Liquid Depth (ft.) [A - B]:	7.52
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	1.2032
F. Three Well Vols [E x 3]	3.6096

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump/low flow Sample Time - 13:40
Purge Time (mins):
Purge Rate (gpm): 300 ml/min Actual purge = 12 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	1:10	5.65	3797	7.80	23.40	125.4
Mid-Purge						
Post-Purge	1:50	4.59	35.27	7.66	20.34	60.8

Sampling Activities

Sampling Date: 8-4-15
Inventory of Sampling Containers: 3 VOAS (HCl)
Description of Groundwater:
Comments & Observations:
Name of Sampler(s): VPC, CB

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	pH	Cond	D.O.	Temp	Turbs
1:15	4.66	3547	7.75	20.63	114.1
1:20	4.56	3535	7.80	20.37	89.8
1:25	4.52	3533	7.76	20.26	71.7
1:30	4.59	3527	7.66	20.34	60.8
1:35					

Monitoring Well Sampling Log

Site Name: 1ST Ave and 90th St.	**Weather:** Sunny
Site Number:	**Well Condition:**
Well ID: MW-03	**Gauge Time:**
Gauge Date: 7- -15	**Reference Point:**
Sounding Method: Interface Probe	**Well Diameter (IN.):** 2"

Calculation of Well Volume

A. Well Depth (ft.):	28.55
B. Depth to Water (ft.):	15.97
C. Liquid Depth (ft.) [A - B]:	12.58
D. Well Vol./ft. (see Table 1):	.16
E. Well Volume (gal.) [C x D]:	2.0128
F. Three Well Vols [E x 3]	6.0384

Table 1	
Well Volume/ft.	
Well Dia.	gal/ft.
1.5-in.	0.09
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61

Purging Activities

Purge Method: Bladder pump — Sample Time: 12:20
Purge Time (mins):
Purge Rate (gpm): 350 ml/min. — Actual purge = 2.5 gal.

Description of activity (i.e. - visual observation of water quality, did well pump dry)

Water Quality Parameters

	Time	pH	Cond.	D.O.	Temp.	Turbidity
Pre-Purge	11:50	5.16	2603	1.77	21.57	903.7
Mid-Purge						
Post-Purge	12:15	9.41	2108	1.74	19.58	40.1

Sampling Activities

Sampling Date: 7-29-15
Inventory of Sampling Containers: 3 VOAs (HCl)

Description of Groundwater:
Comments & Observations:

Name of Sampler(s): VH, CB

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	PH	Cond	D.O.	Temp	Turb
11:55	4.31	2483	.91	19.80	186.3
12:00	4.30	2467	.91	19.71	115.5
12:05	4.33	2460	.85	19.60	83.0
12:10	4.43	2472	.80	19.79	63.1
12:15	4.41	2468	.79	19.58	40.1

APPENDIX E

Laboratory Reports

EnviroTrac
Environmental Services

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-98395-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017

Attention: David Harrington

Approved for release.
Sarah E Brown
Project Management Assistant II
7/30/2015 12:12 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
07/30/2015

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

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

Job Number: 460-98395-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

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

Approved for release.
Sarah E Brown
Project Management Assistant II
7/30/2015 12:12 PM

Designee for
Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC 1st Ave and 90th St; Site: 231008

Report Number: 460-98395-1

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

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

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

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

RECEIPT
The samples were received on 7/22/2015 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

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

VOLATILE ORGANICS
Samples MW-16 (460-98395-1), MW-33 (460-98395-2), FB-1 (460-98395-3), MW-10 (460-98395-4), MW-9 (460-98395-5), MW-45 (460-98395-6), MW-27 (460-98395-7), FB-2 (460-98395-8) and TB-1 (460-98395-9) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 07/24/2015 and 07/28/2015.

The laboratory control sample (LCS) for batch 460-312464 recovered outside control limits for the following analytes: Acetone, Methyl acetate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 460-313105 recovered outside control limits for the following analytes: Chloromethane, Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Tetrachloroethene and Trichloroethene failed the recovery criteria high for the MS of sample 460-98395-2 in batch 460-312464.

Trichloroethene failed the recovery criteria high for the MSD of sample 460-98395-2 in batch 460-312464.

The continuing calibration verification (CCV) analyzed in batch 460-312464 was outside the method criteria for the following analytes: Acetone, 1,2,3-Trichlorobenzene, Chloromethane, Methyl acetate (biased high), Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-313105 was outside the method criteria for the following analytes: Methyl Acetate, 1,2,3-Trichlorobenzene, Chloromethane (biased high), Dichlorodifluoromethane, Bromomethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

Sample MW-10 (460-98395-4)[20X] required dilution prior to analysis to bring the concentration of target analytes within the calibration range. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-98395-1	MW-16	Water	07/20/2015 1200	07/22/2015 1510
460-98395-2	MW-33	Water	07/20/2015 1425	07/22/2015 1510
460-98395-3	FB-1	Water	07/20/2015 1530	07/22/2015 1510
460-98395-4	MW-10	Water	07/21/2015 0952	07/22/2015 1510
460-98395-5	MW-9	Water	07/21/2015 1107	07/22/2015 1510
460-98395-6	MW-45	Water	07/21/2015 1225	07/22/2015 1510
460-98395-7	MW-27	Water	07/21/2015 1342	07/22/2015 1510
460-98395-8	FB-2	Water	07/21/2015 1407	07/22/2015 1510
460-98395-9	TB-1	Water	07/21/2015 0000	07/22/2015 1510

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-98395-1	**MW-16**					
Chloroform		0.22	J	1.0	ug/L	8260C
Tetrachloroethene		0.27	J	1.0	ug/L	8260C
Trichloroethene		0.30	J	1.0	ug/L	8260C
460-98395-2	**MW-33**					
Tetrachloroethene		0.20	J	1.0	ug/L	8260C
460-98395-3	**FB-1**					
1,4-Dichlorobenzene		0.88	J	1.0	ug/L	8260C
460-98395-4	**MW-10**					
cis-1,2-Dichloroethene		210		20	ug/L	8260C
Methyl tert-butyl ether		28		20	ug/L	8260C
Tetrachloroethene		5800		20	ug/L	8260C
Trichloroethene		560		20	ug/L	8260C
Vinyl chloride		3.9	J	20	ug/L	8260C
460-98395-5	**MW-9**					
Benzene		0.64	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		14		1.0	ug/L	8260C
Cyclohexane		2.3		1.0	ug/L	8260C
Ethylbenzene		0.54	J	1.0	ug/L	8260C
Isopropylbenzene		0.64	J	1.0	ug/L	8260C
Methyl tert-butyl ether		3.2		1.0	ug/L	8260C
m-Xylene & p-Xylene		0.41	J	1.0	ug/L	8260C
Tetrachloroethene		0.26	J	1.0	ug/L	8260C
trans-1,2-Dichloroethene		1.3		1.0	ug/L	8260C
Trichloroethene		0.84	J	1.0	ug/L	8260C
Vinyl chloride		9.5		1.0	ug/L	8260C
460-98395-6	**MW-45**					
Benzene		0.28	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		3.8		1.0	ug/L	8260C
Methyl tert-butyl ether		0.65	J	1.0	ug/L	8260C
Tetrachloroethene		1.2		1.0	ug/L	8260C
Trichloroethene		0.50	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 460-98395-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C. Job Number: 460-98395-1

Method	Analyst	Analyst ID
SW846 8260C	Desai, Saurab	SZD

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-16

Lab Sample ID: 460-98395-1 Date Sampled: 07/20/2015 1200
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01672.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1440			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1440				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.22	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.27	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-16

Lab Sample ID: 460-98395-1 Date Sampled: 07/20/2015 1200
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01672.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1440			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1440				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	0.30	J	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene	111		64 - 135
Dibromofluoromethane (Surr)	110		72 - 137
Toluene-d8 (Surr)	86		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-16

Lab Sample ID: 460-98395-1 Date Sampled: 07/20/2015 1200
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01672.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1440			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1440				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **MW-33**

Lab Sample ID: 460-98395-2 Date Sampled: 07/20/2015 1425
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01673.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1506				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.20	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **MW-33**

Lab Sample ID: 460-98395-2 Date Sampled: 07/20/2015 1425
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01673.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1506				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	101		72 - 137
Toluene-d8 (Surr)	81		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-33

Lab Sample ID: 460-98395-2 Date Sampled: 07/20/2015 1425
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01673.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1506				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: FB-1

Lab Sample ID: 460-98395-3 Date Sampled: 07/20/2015 1530
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1118			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1118				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	0.88	J	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: FB-1

Lab Sample ID: 460-98395-3 Date Sampled: 07/20/2015 1530
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1118			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1118				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137
Toluene-d8 (Surr)	81		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: FB-1

Lab Sample ID: 460-98395-3 Date Sampled: 07/20/2015 1530
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1118			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1118				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **MW-10**

Lab Sample ID: 460-98395-4 Date Sampled: 07/21/2015 0952
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01756.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 1504			Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 1504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	20	U	5.6	20
1,1,2,2-Tetrachloroethane	20	U	3.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	6.8	20
1,1,2-Trichloroethane	20	U	1.6	20
1,1-Dichloroethane	20	U	4.8	20
1,1-Dichloroethene	20	U	6.8	20
1,2,3-Trichlorobenzene	20	U	7.0	20
1,2,4-Trichlorobenzene	20	U	5.4	20
1,2-Dibromo-3-Chloropropane	20	U	4.6	20
1,2-Dichlorobenzene	20	U	4.4	20
1,2-Dichloroethane	20	U	5.0	20
1,2-Dichloropropane	20	U	3.6	20
1,3-Dichlorobenzene	20	U	6.6	20
1,4-Dichlorobenzene	20	U	6.6	20
1,4-Dioxane	1000	U	170	1000
2-Butanone (MEK)	100	U	44	100
2-Hexanone	100	U	14	100
4-Methyl-2-pentanone (MIBK)	100	U	13	100
Acetone	100	U	21	100
Benzene	20	U	1.8	20
Bromoform	20	U	3.6	20
Bromomethane	20	U	3.6	20
Carbon disulfide	20	U	4.4	20
Carbon tetrachloride	20	U	6.6	20
Chlorobenzene	20	U	4.8	20
Chlorobromomethane	20	U	6.0	20
Chlorodibromomethane	20	U	4.4	20
Chloroethane	20	U	7.4	20
Chloroform	20	U	4.4	20
Chloromethane	20	U *	4.4	20
cis-1,2-Dichloroethene	210		5.2	20
cis-1,3-Dichloropropene	20	U	3.2	20
Cyclohexane	20	U	5.2	20
Dichlorobromomethane	20	U	3.0	20
Dichlorodifluoromethane	20	U	2.8	20
Ethylbenzene	20	U	6.0	20
Ethylene Dibromide	20	U	3.8	20
Isopropylbenzene	20	U	6.4	20
Methyl acetate	100	U *	12	100
Methyl tert-butyl ether	28		2.6	20
Methylcyclohexane	20	U	4.4	20
Methylene Chloride	20	U	4.2	20
m-Xylene & p-Xylene	20	U	5.6	20
o-Xylene	20	U	6.4	20
Styrene	20	U	3.4	20
Tetrachloroethene	5800		2.4	20

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-10

Lab Sample ID: 460-98395-4 Date Sampled: 07/21/2015 0952
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01756.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 1504			Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 1504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	20	U	5.0	20
trans-1,2-Dichloroethene	20	U	3.6	20
trans-1,3-Dichloropropene	20	U	3.8	20
Trichloroethene	560		4.4	20
Trichlorofluoromethane	20	U	3.0	20
Vinyl chloride	3.9	J	1.2	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
4-Bromofluorobenzene	116		64 - 135
Dibromofluoromethane (Surr)	94		72 - 137
Toluene-d8 (Surr)	80		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-10

Lab Sample ID: 460-98395-4 Date Sampled: 07/21/2015 0952
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01756.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 1504			Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 1504				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-9

Lab Sample ID: 460-98395-5 Date Sampled: 07/21/2015 1107
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01674.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1531				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	0.64	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	14		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	2.3		0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	0.54	J	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	0.64	J	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	3.2		0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	0.41	J	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.26	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-9

Lab Sample ID: 460-98395-5 Date Sampled: 07/21/2015 1107
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01674.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1531				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.3		0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	0.84	J	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	9.5		0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	108		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137
Toluene-d8 (Surr)	81		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-9

Lab Sample ID: 460-98395-5 Date Sampled: 07/21/2015 1107
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01674.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1531				

Tentatively Identified Compounds **Number TIC's Found: 2**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
78-78-4	Butane, 2-methyl-	1.28	7.6	J N
79-29-8	Butane, 2,3-dimethyl-	1.88	5.1	J N

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-45

Lab Sample ID: 460-98395-6 Date Sampled: 07/21/2015 1225
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01675.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1556			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	0.28	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	3.8		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	0.65	J	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.2		0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-45

Lab Sample ID: 460-98395-6 Date Sampled: 07/21/2015 1225
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01675.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1556			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	0.50	J	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	78		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-45

Lab Sample ID: 460-98395-6 Date Sampled: 07/21/2015 1225
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01675.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1556			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1556				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **MW-27**

Lab Sample ID: 460-98395-7 Date Sampled: 07/21/2015 1342
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01676.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1621			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-27

Lab Sample ID: 460-98395-7 Date Sampled: 07/21/2015 1342
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01676.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1621			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	106		64 - 135
Dibromofluoromethane (Surr)	101		72 - 137
Toluene-d8 (Surr)	79		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: MW-27

Lab Sample ID: 460-98395-7 Date Sampled: 07/21/2015 1342
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01676.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1621			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1621				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: FB-2

Lab Sample ID: 460-98395-8 Date Sampled: 07/21/2015 1407
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01665.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1144			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1144				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: FB-2

Lab Sample ID: 460-98395-8 Date Sampled: 07/21/2015 1407
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01665.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1144			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1144				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene	108		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137
Toluene-d8 (Surr)	81		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **FB-2**

Lab Sample ID: 460-98395-8 Date Sampled: 07/21/2015 1407
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01665.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1144			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1144				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **TB-1**

Lab Sample ID: 460-98395-9 Date Sampled: 07/21/2015 0000
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01666.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1209			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1209				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U *	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U *	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **TB-1**

Lab Sample ID: 460-98395-9 Date Sampled: 07/21/2015 0000
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01666.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1209			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1209				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene	109		64 - 135
Dibromofluoromethane (Surr)	105		72 - 137
Toluene-d8 (Surr)	81		70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Client Sample ID: **TB-1**

Lab Sample ID: 460-98395-9 Date Sampled: 07/21/2015 0000
Client Matrix: Water Date Received: 07/22/2015 1510

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01666.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1209			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1209				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-98395-1	MW-16	110	104	86	111
460-98395-2	MW-33	101	97	81	103
460-98395-3	FB-1	102	98	81	103
460-98395-4	MW-10	94	87	80	116
460-98395-5	MW-9	103	97	81	108
460-98395-6	MW-45	100	97	78	103
460-98395-7	MW-27	101	95	79	106
460-98395-8	FB-2	103	99	81	108
460-98395-9	TB-1	105	100	81	109
MB 460-312464/7		100	97	80	104
MB 460-313105/8		91	84	78	110
LCS 460-312464/4		100	98	84	116
LCS 460-313105/4		94	90	82	115
LCSD 460-313105/5		94	88	82	118
460-98395-2 MS	MW-33 MS	102	98	81	121
460-98395-2 MSD	MW-33 MSD	99	98	81	120

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Client: New York State D.E.C. Job Number: 460-98395-1

Method Blank - Batch: 460-312464

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-312464/7	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01659.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 0912	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 0912				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Method Blank - Batch: 460-312464

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-312464/7	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01659.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 0912	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 0912				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
4-Bromofluorobenzene	104	64 - 135
Dibromofluoromethane (Surr)	100	72 - 137
Toluene-d8 (Surr)	80	70 - 130

Method Blank TICs- Batch: 460-312464

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Control Sample - Batch: 460-312464

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-312464/4	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 0756	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 0756				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	17.6	88	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	15.3	77	60 - 144	
1,1,2-Trichloroethane	20.0	18.5	92	68 - 121	
1,1-Dichloroethane	20.0	19.4	97	75 - 126	
1,1-Dichloroethene	20.0	18.1	91	71 - 123	
1,2,3-Trichlorobenzene	20.0	26.0	130	72 - 135	
1,2,4-Trichlorobenzene	20.0	21.5	108	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	53 - 136	
1,2-Dichlorobenzene	20.0	19.8	99	81 - 120	
1,2-Dichloroethane	20.0	21.0	105	75 - 127	
1,2-Dichloropropane	20.0	19.0	95	70 - 120	
1,3-Dichlorobenzene	20.0	18.9	94	75 - 120	
1,4-Dichlorobenzene	20.0	18.8	94	75 - 120	
1,4-Dioxane	400	381	95	46 - 150	
2-Butanone (MEK)	100	121	121	52 - 140	
2-Hexanone	100	110	110	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	98.5	99	56 - 132	
Acetone	100	165	165	26 - 150	*
Benzene	20.0	16.8	84	69 - 125	
Bromoform	20.0	22.4	112	50 - 134	
Bromomethane	20.0	18.5	92	27 - 150	
Carbon disulfide	20.0	17.5	87	61 - 126	
Carbon tetrachloride	20.0	18.0	90	58 - 150	
Chlorobenzene	20.0	19.1	95	77 - 120	
Chlorobromomethane	20.0	23.0	115	70 - 134	
Chlorodibromomethane	20.0	19.2	96	63 - 131	
Chloroethane	20.0	17.8	89	58 - 145	
Chloroform	20.0	20.2	101	81 - 122	
Chloromethane	20.0	27.1	136	43 - 145	
cis-1,2-Dichloroethene	20.0	20.8	104	78 - 121	
cis-1,3-Dichloropropene	20.0	16.6	83	71 - 120	
Cyclohexane	20.0	12.8	64	50 - 150	
Dichlorobromomethane	20.0	19.8	99	72 - 123	
Dichlorodifluoromethane	20.0	8.66	43	40 - 150	
Ethylbenzene	20.0	17.8	89	74 - 120	
Ethylene Dibromide	20.0	20.0	100	77 - 117	
Isopropylbenzene	20.0	18.0	90	74 - 127	
Methyl acetate	100	145	145	62 - 140	*
Methyl tert-butyl ether	20.0	21.6	108	73 - 125	
Methylcyclohexane	20.0	15.1	76	50 - 150	
Methylene Chloride	20.0	20.2	101	76 - 123	
m-Xylene & p-Xylene	20.0	17.5	87	78 - 119	
o-Xylene	20.0	17.2	86	79 - 120	
Styrene	20.0	17.6	88	76 - 120	
Tetrachloroethene	20.0	21.4	107	70 - 136	

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Control Sample - Batch: 460-312464

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-312464/4	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 0756	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 0756				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	17.1	86	78 - 120	
trans-1,2-Dichloroethene	20.0	19.6	98	79 - 120	
trans-1,3-Dichloropropene	20.0	17.7	88	71 - 123	
Trichloroethene	20.0	21.8	109	74 - 120	
Trichlorofluoromethane	20.0	16.5	82	65 - 142	
Vinyl chloride	20.0	16.5	83	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 130
4-Bromofluorobenzene	116	64 - 135
Dibromofluoromethane (Surr)	100	72 - 137
Toluene-d8 (Surr)	84	70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-312464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98395-2	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01678.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1711			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1711				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98395-2	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01679.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1736			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1736				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	110	105	73 - 134	4	30		
1,1,2,2-Tetrachloroethane	88	91	55 - 133	2	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	99	96	60 - 144	3	30		
1,1,2-Trichloroethane	95	96	68 - 121	1	30		
1,1-Dichloroethane	106	106	75 - 126	1	30		
1,1-Dichloroethene	110	110	71 - 123	0	30		
1,2,3-Trichlorobenzene	131	132	72 - 135	1	30		
1,2,4-Trichlorobenzene	109	111	76 - 129	2	30		
1,2-Dibromo-3-Chloropropane	116	115	53 - 136	0	30		
1,2-Dichlorobenzene	104	104	81 - 120	0	30		
1,2-Dichloroethane	111	110	75 - 127	1	30		
1,2-Dichloropropane	99	101	70 - 120	2	30		
1,3-Dichlorobenzene	100	99	75 - 120	1	30		
1,4-Dichlorobenzene	100	99	75 - 120	1	30		
1,4-Dioxane	99	98	46 - 150	1	30		
2-Butanone (MEK)	100	103	52 - 140	3	30		
2-Hexanone	94	97	49 - 131	3	30		
4-Methyl-2-pentanone (MIBK)	101	103	56 - 132	2	30		
Acetone	99	100	26 - 150	1	30		
Benzene	91	90	69 - 125	1	30		
Bromoform	118	120	50 - 134	2	30		
Bromomethane	90	98	27 - 150	9	30		
Carbon disulfide	103	102	61 - 126	1	30		
Carbon tetrachloride	113	109	58 - 150	3	30		
Chlorobenzene	103	103	77 - 120	0	30		
Chlorobromomethane	128	127	70 - 134	1	30		
Chlorodibromomethane	103	103	63 - 131	0	30		
Chloroethane	104	108	58 - 145	4	30		
Chloroform	112	109	81 - 122	3	30		
Chloromethane	136	141	43 - 145	3	30		
cis-1,2-Dichloroethene	112	113	78 - 121	1	30		
cis-1,3-Dichloropropene	80	81	71 - 120	2	30		
Cyclohexane	78	80	50 - 150	2	30		

Client: New York State D.E.C. Job Number: 460-98395-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-312464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98395-2	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01678.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1711			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1711				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98395-2	Analysis Batch:	460-312464	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01679.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/24/2015 1736			Final Weight/Volume:	5 mL
Prep Date:	07/24/2015 1736				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	108	109	72 - 123	0	30		
Dichlorodifluoromethane	41	42	40 - 150	2	30		
Ethylbenzene	100	99	74 - 120	1	30		
Ethylene Dibromide	101	103	77 - 117	1	30		
Isopropylbenzene	101	102	74 - 127	1	30		
Methyl acetate	134	135	62 - 140	1	30		
Methyl tert-butyl ether	107	111	73 - 125	3	30		
Methylcyclohexane	97	94	50 - 150	3	30		
Methylene Chloride	107	108	76 - 123	2	30		
m-Xylene & p-Xylene	94	94	78 - 119	1	30		
o-Xylene	90	91	79 - 120	1	30		
Styrene	93	94	76 - 120	1	30		
Tetrachloroethene	142	131	70 - 136	8	30	*	
Toluene	93	93	78 - 120	1	30		
trans-1,2-Dichloroethene	105	104	79 - 120	1	30		
trans-1,3-Dichloropropene	89	88	71 - 123	0	30		
Trichloroethene	124	121	74 - 120	3	30	*	*
Trichlorofluoromethane	88	91	65 - 142	3	30		
Vinyl chloride	88	92	56 - 137	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	98	70 - 130
4-Bromofluorobenzene	121	120	64 - 135
Dibromofluoromethane (Surr)	102	99	72 - 137
Toluene-d8 (Surr)	81	81	70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-312464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98395-2	Units: ug/L		MSD Lab Sample ID:	460-98395-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	07/24/2015 1711			Analysis Date:	07/24/2015 1736
Prep Date:	07/24/2015 1711			Prep Date:	07/24/2015 1736
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	1.0	U	200	200	219	211
1,1,2,2-Tetrachloroethane	1.0	U	200	200	177	181
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	200	198	192
1,1,2-Trichloroethane	1.0	U	200	200	189	191
1,1-Dichloroethane	1.0	U	200	200	213	212
1,1-Dichloroethene	1.0	U	200	200	219	220
1,2,3-Trichlorobenzene	1.0	U	200	200	262	264
1,2,4-Trichlorobenzene	1.0	U	200	200	218	223
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	231	231
1,2-Dichlorobenzene	1.0	U	200	200	208	209
1,2-Dichloroethane	1.0	U	200	200	222	220
1,2-Dichloropropane	1.0	U	200	200	199	202
1,3-Dichlorobenzene	1.0	U	200	200	201	198
1,4-Dichlorobenzene	1.0	U	200	200	200	199
1,4-Dioxane	50	U	4000	4000	3950	3900
2-Butanone (MEK)	5.0	U	1000	1000	1000	1030
2-Hexanone	5.0	U	1000	1000	944	968
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1000	1010	1030
Acetone	5.0	U	1000	1000	988	1000
Benzene	1.0	U	200	200	181	179
Bromoform	1.0	U	200	200	236	240
Bromomethane	1.0	U	200	200	180	196
Carbon disulfide	1.0	U	200	200	207	204
Carbon tetrachloride	1.0	U	200	200	225	217
Chlorobenzene	1.0	U	200	200	206	206
Chlorobromomethane	1.0	U	200	200	255	254
Chlorodibromomethane	1.0	U	200	200	206	206
Chloroethane	1.0	U	200	200	208	216
Chloroform	1.0	U	200	200	224	218
Chloromethane	1.0	U	200	200	272	281
cis-1,2-Dichloroethene	1.0	U	200	200	224	225
cis-1,3-Dichloropropene	1.0	U	200	200	160	163
Cyclohexane	1.0	U	200	200	157	160
Dichlorobromomethane	1.0	U	200	200	217	217
Dichlorodifluoromethane	1.0	U	200	200	82.6	83.9
Ethylbenzene	1.0	U	200	200	199	197
Ethylene Dibromide	1.0	U	200	200	202	205
Isopropylbenzene	1.0	U	200	200	202	204
Methyl acetate	5.0	U	1000	1000	1340	1350
Methyl tert-butyl ether	1.0	U	200	200	214	221
Methylcyclohexane	1.0	U	200	200	195	188
Methylene Chloride	1.0	U	200	200	213	217
m-Xylene & p-Xylene	1.0	U	200	200	188	189

Client: New York State D.E.C. Job Number: 460-98395-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-312464

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98395-2	Units: ug/L	MSD Lab Sample ID:	460-98395-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	07/24/2015 1711		Analysis Date:	07/24/2015 1736	
Prep Date:	07/24/2015 1711		Prep Date:	07/24/2015 1736	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
o-Xylene	1.0	U	200	200	181		183	
Styrene	1.0	U	200	200	185		188	
Tetrachloroethene	0.20	J	200	200	284	*	262	
Toluene	1.0	U	200	200	186		185	
trans-1,2-Dichloroethene	1.0	U	200	200	210		208	
trans-1,3-Dichloropropene	1.0	U	200	200	177		177	
Trichloroethene	1.0	U	200	200	249	*	242	*
Trichlorofluoromethane	1.0	U	200	200	177		182	
Vinyl chloride	1.0	U	200	200	176		184	

Client: New York State D.E.C. Job Number: 460-98395-1

Method Blank - Batch: 460-313105

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313105/8	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01744.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 1001	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 1001				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98395-1

Method Blank - Batch: 460-313105

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313105/8	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01744.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 1001	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 1001				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 130
4-Bromofluorobenzene	110	64 - 135
Dibromofluoromethane (Surr)	91	72 - 137
Toluene-d8 (Surr)	78	70 - 130

Method Blank TICs- Batch: 460-313105

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-313105

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313105/4	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01740.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 0820	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 0820				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-313105/5	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01741.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 0846				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	96	104	73 - 134	8	30		
1,1,2,2-Tetrachloroethane	93	93	55 - 133	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	92	103	60 - 144	11	30		
1,1,2-Trichloroethane	93	96	68 - 121	2	30		
1,1-Dichloroethane	103	107	75 - 126	4	30		
1,1-Dichloroethene	100	108	71 - 123	8	30		
1,2,3-Trichlorobenzene	129	132	72 - 135	2	30		
1,2,4-Trichlorobenzene	108	112	76 - 129	3	30		
1,2-Dibromo-3-Chloropropane	117	117	53 - 136	0	30		
1,2-Dichlorobenzene	98	99	81 - 120	2	30		
1,2-Dichloroethane	106	107	75 - 127	1	30		
1,2-Dichloropropane	103	106	70 - 120	2	30		
1,3-Dichlorobenzene	92	96	75 - 120	4	30		
1,4-Dichlorobenzene	92	96	75 - 120	4	30		
1,4-Dioxane	93	100	46 - 150	7	30		
2-Butanone (MEK)	98	102	52 - 140	4	30		
2-Hexanone	100	104	49 - 131	4	30		
4-Methyl-2-pentanone (MIBK)	99	103	56 - 132	4	30		
Acetone	104	104	26 - 150	0	30		
Benzene	88	91	69 - 125	4	30		
Bromoform	105	111	50 - 134	6	30		
Bromomethane	46	51	27 - 150	9	30		
Carbon disulfide	102	110	61 - 126	8	30		
Carbon tetrachloride	95	107	58 - 150	12	30		
Chlorobenzene	94	101	77 - 120	7	30		
Chlorobromomethane	117	118	70 - 134	0	30		
Chlorodibromomethane	95	98	63 - 131	3	30		
Chloroethane	98	110	58 - 145	11	30		
Chloroform	101	109	81 - 122	7	30		
Chloromethane	146	153	43 - 145	5	30	*	*
cis-1,2-Dichloroethene	109	113	78 - 121	4	30		
cis-1,3-Dichloropropene	87	90	71 - 120	4	30		
Cyclohexane	87	94	50 - 150	8	30		
Dichlorobromomethane	101	105	72 - 123	4	30		
Dichlorodifluoromethane	68	74	40 - 150	9	30		
Ethylbenzene	92	99	74 - 120	7	30		

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-313105

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313105/4	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01740.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 0820	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 0820				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-313105/5	Analysis Batch:	460-313105	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01741.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2015 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/28/2015 0846				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylene Dibromide	100	104	77 - 117	4	30		
Isopropylbenzene	94	102	74 - 127	7	30		
Methyl acetate	143	159	62 - 140	10	30	*	*
Methyl tert-butyl ether	117	119	73 - 125	2	30		
Methylcyclohexane	101	112	50 - 150	10	30		
Methylene Chloride	105	109	76 - 123	4	30		
m-Xylene & p-Xylene	92	96	78 - 119	5	30		
o-Xylene	90	95	79 - 120	5	30		
Styrene	91	94	76 - 120	3	30		
Tetrachloroethene	110	119	70 - 136	8	30		
Toluene	89	93	78 - 120	5	30		
trans-1,2-Dichloroethene	100	107	79 - 120	7	30		
trans-1,3-Dichloropropene	89	92	71 - 123	4	30		
Trichloroethene	108	117	74 - 120	8	30		
Trichlorofluoromethane	98	108	65 - 142	9	30		
Vinyl chloride	95	105	56 - 137	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	88	70 - 130
4-Bromofluorobenzene	115	118	64 - 135
Dibromofluoromethane (Surr)	94	94	72 - 137
Toluene-d8 (Surr)	82	82	70 - 130

Client: New York State D.E.C. Job Number: 460-98395-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-313105

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313105/4	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-313105/5	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/28/2015 0820		Analysis Date:	07/28/2015 0846	
Prep Date:	07/28/2015 0820		Prep Date:	07/28/2015 0846	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
1,1,1-Trichloroethane	20.0	20.0	19.1		20.7	
1,1,2,2-Tetrachloroethane	20.0	20.0	18.7		18.7	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	18.5		20.5	
1,1,2-Trichloroethane	20.0	20.0	18.7		19.1	
1,1-Dichloroethane	20.0	20.0	20.5		21.4	
1,1-Dichloroethene	20.0	20.0	20.1		21.7	
1,2,3-Trichlorobenzene	20.0	20.0	25.8		26.3	
1,2,4-Trichlorobenzene	20.0	20.0	21.6		22.3	
1,2-Dibromo-3-Chloropropane	20.0	20.0	23.5		23.4	
1,2-Dichlorobenzene	20.0	20.0	19.5		19.8	
1,2-Dichloroethane	20.0	20.0	21.2		21.3	
1,2-Dichloropropane	20.0	20.0	20.7		21.2	
1,3-Dichlorobenzene	20.0	20.0	18.4		19.2	
1,4-Dichlorobenzene	20.0	20.0	18.4		19.2	
1,4-Dioxane	400	400	373		400	
2-Butanone (MEK)	100	100	97.7		102	
2-Hexanone	100	100	99.7		104	
4-Methyl-2-pentanone (MIBK)	100	100	99.0		103	
Acetone	100	100	104		104	
Benzene	20.0	20.0	17.5		18.2	
Bromoform	20.0	20.0	20.9		22.3	
Bromomethane	20.0	20.0	9.27		10.2	
Carbon disulfide	20.0	20.0	20.4		22.0	
Carbon tetrachloride	20.0	20.0	18.9		21.3	
Chlorobenzene	20.0	20.0	18.8		20.1	
Chlorobromomethane	20.0	20.0	23.5		23.6	
Chlorodibromomethane	20.0	20.0	19.1		19.7	
Chloroethane	20.0	20.0	19.7		22.0	
Chloroform	20.0	20.0	20.3		21.7	
Chloromethane	20.0	20.0	29.2	*	30.7	*
cis-1,2-Dichloroethene	20.0	20.0	21.8		22.7	
cis-1,3-Dichloropropene	20.0	20.0	17.3		18.1	
Cyclohexane	20.0	20.0	17.3		18.7	
Dichlorobromomethane	20.0	20.0	20.2		21.0	
Dichlorodifluoromethane	20.0	20.0	13.6		14.8	
Ethylbenzene	20.0	20.0	18.3		19.7	
Ethylene Dibromide	20.0	20.0	20.1		20.9	
Isopropylbenzene	20.0	20.0	18.8		20.3	
Methyl acetate	100	100	143	*	159	*

Client: New York State D.E.C. Job Number: 460-98395-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-313105

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313105/4	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-313105/5
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	07/28/2015 0820		Analysis Date:	07/28/2015 0846
Prep Date:	07/28/2015 0820		Prep Date:	07/28/2015 0846
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Methyl tert-butyl ether	20.0	20.0	23.4	23.7
Methylcyclohexane	20.0	20.0	20.3	22.4
Methylene Chloride	20.0	20.0	21.1	21.9
m-Xylene & p-Xylene	20.0	20.0	18.4	19.2
o-Xylene	20.0	20.0	18.0	19.0
Styrene	20.0	20.0	18.1	18.8
Tetrachloroethene	20.0	20.0	22.1	23.9
Toluene	20.0	20.0	17.8	18.7
trans-1,2-Dichloroethene	20.0	20.0	20.0	21.4
trans-1,3-Dichloropropene	20.0	20.0	17.8	18.4
Trichloroethene	20.0	20.0	21.6	23.4
Trichlorofluoromethane	20.0	20.0	19.7	21.6
Vinyl chloride	20.0	20.0	19.0	21.0

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 460-98395-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD is outside acceptance limits.
	*	MS or MSD is outside acceptance limits.
	N	This flag indicates the presumptive evidence of a compound.

Client: New York State D.E.C. Job Number: 460-98395-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-312464					
LCS 460-312464/4	Lab Control Sample	T	Water	8260C	
MB 460-312464/7	Method Blank	T	Water	8260C	
460-98395-1	MW-16	T	Water	8260C	
460-98395-2	MW-33	T	Water	8260C	
460-98395-2MS	Matrix Spike	T	Water	8260C	
460-98395-2MSD	Matrix Spike Duplicate	T	Water	8260C	
460-98395-3	FB-1	T	Water	8260C	
460-98395-5	MW-9	T	Water	8260C	
460-98395-6	MW-45	T	Water	8260C	
460-98395-7	MW-27	T	Water	8260C	
460-98395-8	FB-2	T	Water	8260C	
460-98395-9	TB-1	T	Water	8260C	
Analysis Batch:460-313105					
LCS 460-313105/4	Lab Control Sample	T	Water	8260C	
LCSD 460-313105/5	Lab Control Sample Duplicate	T	Water	8260C	
MB 460-313105/8	Method Blank	T	Water	8260C	
460-98395-4	MW-10	T	Water	8260C	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-98395-1

Laboratory Chronicle

Lab ID: 460-98395-1 **Client ID: MW-16**

Sample Date/Time: 07/20/2015 12:00 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-B-1		460-312464		07/24/2015 14:40	1	TAL EDI	SZD
A:8260C	460-98395-B-1		460-312464		07/24/2015 14:40	1	TAL EDI	SZD

Lab ID: 460-98395-2 **Client ID: MW-33**

Sample Date/Time: 07/20/2015 14:25 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-B-2		460-312464		07/24/2015 15:06	1	TAL EDI	SZD
A:8260C	460-98395-B-2		460-312464		07/24/2015 15:06	1	TAL EDI	SZD

Lab ID: 460-98395-2 MS **Client ID: MW-33**

Sample Date/Time: 07/20/2015 14:25 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-A-2 MS		460-312464		07/24/2015 17:11	10	TAL EDI	SZD
A:8260C	460-98395-A-2 MS		460-312464		07/24/2015 17:11	10	TAL EDI	SZD

Lab ID: 460-98395-2 MSD **Client ID: MW-33**

Sample Date/Time: 07/20/2015 14:25 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-A-2 MSD		460-312464		07/24/2015 17:36	10	TAL EDI	SZD
A:8260C	460-98395-A-2 MSD		460-312464		07/24/2015 17:36	10	TAL EDI	SZD

Lab ID: 460-98395-3 **Client ID: FB-1**

Sample Date/Time: 07/20/2015 15:30 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-A-3		460-312464		07/24/2015 11:18	1	TAL EDI	SZD
A:8260C	460-98395-A-3		460-312464		07/24/2015 11:18	1	TAL EDI	SZD

Lab ID: 460-98395-4 **Client ID: MW-10**

Sample Date/Time: 07/21/2015 09:52 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-C-4		460-313105		07/28/2015 15:04	20	TAL EDI	SZD
A:8260C	460-98395-C-4		460-313105		07/28/2015 15:04	20	TAL EDI	SZD

Client: New York State D.E.C. Job Number: 460-98395-1

Laboratory Chronicle

Lab ID: 460-98395-5 **Client ID: MW-9**

Sample Date/Time: 07/21/2015 11:07 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-B-5		460-312464		07/24/2015 15:31	1	TAL EDI	SZD
A:8260C	460-98395-B-5		460-312464		07/24/2015 15:31	1	TAL EDI	SZD

Lab ID: 460-98395-6 **Client ID: MW-45**

Sample Date/Time: 07/21/2015 12:25 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-B-6		460-312464		07/24/2015 15:56	1	TAL EDI	SZD
A:8260C	460-98395-B-6		460-312464		07/24/2015 15:56	1	TAL EDI	SZD

Lab ID: 460-98395-7 **Client ID: MW-27**

Sample Date/Time: 07/21/2015 13:42 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-C-7		460-312464		07/24/2015 16:21	1	TAL EDI	SZD
A:8260C	460-98395-C-7		460-312464		07/24/2015 16:21	1	TAL EDI	SZD

Lab ID: 460-98395-8 **Client ID: FB-2**

Sample Date/Time: 07/21/2015 14:07 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-C-8		460-312464		07/24/2015 11:44	1	TAL EDI	SZD
A:8260C	460-98395-C-8		460-312464		07/24/2015 11:44	1	TAL EDI	SZD

Lab ID: 460-98395-9 **Client ID: TB-1**

Sample Date/Time: 07/21/2015 00:00 Received Date/Time: 07/22/2015 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98395-A-9		460-312464		07/24/2015 12:09	1	TAL EDI	SZD
A:8260C	460-98395-A-9		460-312464		07/24/2015 12:09	1	TAL EDI	SZD

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 460-312464/7		460-312464		07/24/2015 09:12	1	TAL EDI	SZD
A:8260C	MB 460-312464/7		460-312464		07/24/2015 09:12	1	TAL EDI	SZD
P:5030C	MB 460-313105/8		460-313105		07/28/2015 10:01	1	TAL EDI	SZD
A:8260C	MB 460-313105/8		460-313105		07/28/2015 10:01	1	TAL EDI	SZD

Client: New York State D.E.C. Job Number: 460-98395-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 460-312464/4		460-312464		07/24/2015 07:56	1	TAL EDI	SZD
A:8260C	LCS 460-312464/4		460-312464		07/24/2015 07:56	1	TAL EDI	SZD
P:5030C	LCS 460-313105/4		460-313105		07/28/2015 08:20	1	TAL EDI	SZD
A:8260C	LCS 460-313105/4		460-313105		07/28/2015 08:20	1	TAL EDI	SZD

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCSD 460-313105/5		460-313105		07/28/2015 08:46	1	TAL EDI	SZD
A:8260C	LCSD 460-313105/5		460-313105		07/28/2015 08:46	1	TAL EDI	SZD

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-16	460-98395-1	110	104	86	111
MW-33	460-98395-2	101	97	81	103
FB-1	460-98395-3	102	98	81	103
MW-10	460-98395-4	94	87	80	116
MW-9	460-98395-5	103	97	81	108
MW-45	460-98395-6	100	97	78	103
MW-27	460-98395-7	101	95	79	106
FB-2	460-98395-8	103	99	81	108
TB-1	460-98395-9	105	100	81	109
	MB 460-312464/7	100	97	80	104
	MB 460-313105/8	91	84	78	110
	LCS 460-312464/4	100	98	84	116
	LCS 460-313105/4	94	90	82	115
	LCSD 460-313105/5	94	88	82	118
MW-33 MS	460-98395-2 MS	102	98	81	121
MW-33 MSD	460-98395-2 MSD	99	98	81	120

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01656.D

Lab ID: LCS 460-312464/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.6	88	73-134	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	15.3	77	60-144	
1,1,2-Trichloroethane	20.0	18.5	92	68-121	
1,1-Dichloroethane	20.0	19.4	97	75-126	
1,1-Dichloroethene	20.0	18.1	91	71-123	
1,2,3-Trichlorobenzene	20.0	26.0	130	72-135	
1,2,4-Trichlorobenzene	20.0	21.5	108	76-129	
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	53-136	
1,2-Dichlorobenzene	20.0	19.8	99	81-120	
1,2-Dichloroethane	20.0	21.0	105	75-127	
1,2-Dichloropropane	20.0	19.0	95	70-120	
1,3-Dichlorobenzene	20.0	18.9	94	75-120	
1,4-Dichlorobenzene	20.0	18.8	94	75-120	
1,4-Dioxane	400	381	95	46-150	
2-Butanone (MEK)	100	121	121	52-140	
2-Hexanone	100	110	110	49-131	
4-Methyl-2-pentanone (MIBK)	100	98.5	99	56-132	
Acetone	100	165	165	26-150	*
Benzene	20.0	16.8	84	69-125	
Bromoform	20.0	22.4	112	50-134	
Bromomethane	20.0	18.5	92	27-150	
Carbon disulfide	20.0	17.5	87	61-126	
Carbon tetrachloride	20.0	18.0	90	58-150	
Chlorobenzene	20.0	19.1	95	77-120	
Chlorobromomethane	20.0	23.0	115	70-134	
Chlorodibromomethane	20.0	19.2	96	63-131	
Chloroethane	20.0	17.8	89	58-145	
Chloroform	20.0	20.2	101	81-122	
Chloromethane	20.0	27.1	136	43-145	
cis-1,2-Dichloroethene	20.0	20.8	104	78-121	
cis-1,3-Dichloropropene	20.0	16.6	83	71-120	
Cyclohexane	20.0	12.8	64	50-150	
Dichlorobromomethane	20.0	19.8	99	72-123	
Dichlorodifluoromethane	20.0	8.66	43	40-150	
Ethylbenzene	20.0	17.8	89	74-120	
Ethylene Dibromide	20.0	20.0	100	77-117	
Isopropylbenzene	20.0	18.0	90	74-127	
Methyl acetate	100	145	145	62-140	*
Methyl tert-butyl ether	20.0	21.6	108	73-125	
Methylcyclohexane	20.0	15.1	76	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01656.D

Lab ID: LCS 460-312464/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	20.2	101	76-123	
m-Xylene & p-Xylene	20.0	17.5	87	78-119	
o-Xylene	20.0	17.2	86	79-120	
Styrene	20.0	17.6	88	76-120	
Tetrachloroethene	20.0	21.4	107	70-136	
Toluene	20.0	17.1	86	78-120	
trans-1,2-Dichloroethene	20.0	19.6	98	79-120	
trans-1,3-Dichloropropene	20.0	17.7	88	71-123	
Trichloroethene	20.0	21.8	109	74-120	
Trichlorofluoromethane	20.0	16.5	82	65-142	
Vinyl chloride	20.0	16.5	83	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01740.D

Lab ID: LCS 460-313105/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.1	96	73-134	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.5	92	60-144	
1,1,2-Trichloroethane	20.0	18.7	93	68-121	
1,1-Dichloroethane	20.0	20.5	103	75-126	
1,1-Dichloroethene	20.0	20.1	100	71-123	
1,2,3-Trichlorobenzene	20.0	25.8	129	72-135	
1,2,4-Trichlorobenzene	20.0	21.6	108	76-129	
1,2-Dibromo-3-Chloropropane	20.0	23.5	117	53-136	
1,2-Dichlorobenzene	20.0	19.5	98	81-120	
1,2-Dichloroethane	20.0	21.2	106	75-127	
1,2-Dichloropropane	20.0	20.7	103	70-120	
1,3-Dichlorobenzene	20.0	18.4	92	75-120	
1,4-Dichlorobenzene	20.0	18.4	92	75-120	
1,4-Dioxane	400	373	93	46-150	
2-Butanone (MEK)	100	97.7	98	52-140	
2-Hexanone	100	99.7	100	49-131	
4-Methyl-2-pentanone (MIBK)	100	99.0	99	56-132	
Acetone	100	104	104	26-150	
Benzene	20.0	17.5	88	69-125	
Bromoform	20.0	20.9	105	50-134	
Bromomethane	20.0	9.27	46	27-150	
Carbon disulfide	20.0	20.4	102	61-126	
Carbon tetrachloride	20.0	18.9	95	58-150	
Chlorobenzene	20.0	18.8	94	77-120	
Chlorobromomethane	20.0	23.5	117	70-134	
Chlorodibromomethane	20.0	19.1	95	63-131	
Chloroethane	20.0	19.7	98	58-145	
Chloroform	20.0	20.3	101	81-122	
Chloromethane	20.0	29.2	146	43-145	*
cis-1,2-Dichloroethene	20.0	21.8	109	78-121	
cis-1,3-Dichloropropene	20.0	17.3	87	71-120	
Cyclohexane	20.0	17.3	87	50-150	
Dichlorobromomethane	20.0	20.2	101	72-123	
Dichlorodifluoromethane	20.0	13.6	68	40-150	
Ethylbenzene	20.0	18.3	92	74-120	
Ethylene Dibromide	20.0	20.1	100	77-117	
Isopropylbenzene	20.0	18.8	94	74-127	
Methyl acetate	100	143	143	62-140	*
Methyl tert-butyl ether	20.0	23.4	117	73-125	
Methylcyclohexane	20.0	20.3	101	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01740.D

Lab ID: LCS 460-313105/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	21.1	105	76-123	
m-Xylene & p-Xylene	20.0	18.4	92	78-119	
o-Xylene	20.0	18.0	90	79-120	
Styrene	20.0	18.1	91	76-120	
Tetrachloroethene	20.0	22.1	110	70-136	
Toluene	20.0	17.8	89	78-120	
trans-1,2-Dichloroethene	20.0	20.0	100	79-120	
trans-1,3-Dichloropropene	20.0	17.8	89	71-123	
Trichloroethene	20.0	21.6	108	74-120	
Trichlorofluoromethane	20.0	19.7	98	65-142	
Vinyl chloride	20.0	19.0	95	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01741.D

Lab ID: LCSD 460-313105/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.7	104	8	30	73-134	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	0	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.5	103	11	30	60-144	
1,1,2-Trichloroethane	20.0	19.1	96	2	30	68-121	
1,1-Dichloroethane	20.0	21.4	107	4	30	75-126	
1,1-Dichloroethene	20.0	21.7	108	8	30	71-123	
1,2,3-Trichlorobenzene	20.0	26.3	132	2	30	72-135	
1,2,4-Trichlorobenzene	20.0	22.3	112	3	30	76-129	
1,2-Dibromo-3-Chloropropane	20.0	23.4	117	0	30	53-136	
1,2-Dichlorobenzene	20.0	19.8	99	2	30	81-120	
1,2-Dichloroethane	20.0	21.3	107	1	30	75-127	
1,2-Dichloropropane	20.0	21.2	106	2	30	70-120	
1,3-Dichlorobenzene	20.0	19.2	96	4	30	75-120	
1,4-Dichlorobenzene	20.0	19.2	96	4	30	75-120	
1,4-Dioxane	400	400	100	7	30	46-150	
2-Butanone (MEK)	100	102	102	4	30	52-140	
2-Hexanone	100	104	104	4	30	49-131	
4-Methyl-2-pentanone (MIBK)	100	103	103	4	30	56-132	
Acetone	100	104	104	0	30	26-150	
Benzene	20.0	18.2	91	4	30	69-125	
Bromoform	20.0	22.3	111	6	30	50-134	
Bromomethane	20.0	10.2	51	9	30	27-150	
Carbon disulfide	20.0	22.0	110	8	30	61-126	
Carbon tetrachloride	20.0	21.3	107	12	30	58-150	
Chlorobenzene	20.0	20.1	101	7	30	77-120	
Chlorobromomethane	20.0	23.6	118	0	30	70-134	
Chlorodibromomethane	20.0	19.7	98	3	30	63-131	
Chloroethane	20.0	22.0	110	11	30	58-145	
Chloroform	20.0	21.7	109	7	30	81-122	
Chloromethane	20.0	30.7	153	5	30	43-145	*
cis-1,2-Dichloroethene	20.0	22.7	113	4	30	78-121	
cis-1,3-Dichloropropene	20.0	18.1	90	4	30	71-120	
Cyclohexane	20.0	18.7	94	8	30	50-150	
Dichlorobromomethane	20.0	21.0	105	4	30	72-123	
Dichlorodifluoromethane	20.0	14.8	74	9	30	40-150	
Ethylbenzene	20.0	19.7	99	7	30	74-120	
Ethylene Dibromide	20.0	20.9	104	4	30	77-117	
Isopropylbenzene	20.0	20.3	102	7	30	74-127	
Methyl acetate	100	159	159	10	30	62-140	*
Methyl tert-butyl ether	20.0	23.7	119	2	30	73-125	
Methylcyclohexane	20.0	22.4	112	10	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01741.D

Lab ID: LCSD 460-313105/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	20.0	21.9	109	4	30	76-123	
m-Xylene & p-Xylene	20.0	19.2	96	5	30	78-119	
o-Xylene	20.0	19.0	95	5	30	79-120	
Styrene	20.0	18.8	94	3	30	76-120	
Tetrachloroethene	20.0	23.9	119	8	30	70-136	
Toluene	20.0	18.7	93	5	30	78-120	
trans-1,2-Dichloroethene	20.0	21.4	107	7	30	79-120	
trans-1,3-Dichloropropene	20.0	18.4	92	4	30	71-123	
Trichloroethene	20.0	23.4	117	8	30	74-120	
Trichlorofluoromethane	20.0	21.6	108	9	30	65-142	
Vinyl chloride	20.0	21.0	105	10	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01678.D

Lab ID: 460-98395-2 MS Client ID: MW-33 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	1.0 U	219	110	73-134	
1,1,2,2-Tetrachloroethane	200	1.0 U	177	88	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	1.0 U	198	99	60-144	
1,1,2-Trichloroethane	200	1.0 U	189	95	68-121	
1,1-Dichloroethane	200	1.0 U	213	106	75-126	
1,1-Dichloroethene	200	1.0 U	219	110	71-123	
1,2,3-Trichlorobenzene	200	1.0 U	262	131	72-135	
1,2,4-Trichlorobenzene	200	1.0 U	218	109	76-129	
1,2-Dibromo-3-Chloropropane	200	1.0 U	231	116	53-136	
1,2-Dichlorobenzene	200	1.0 U	208	104	81-120	
1,2-Dichloroethane	200	1.0 U	222	111	75-127	
1,2-Dichloropropane	200	1.0 U	199	99	70-120	
1,3-Dichlorobenzene	200	1.0 U	201	100	75-120	
1,4-Dichlorobenzene	200	1.0 U	200	100	75-120	
1,4-Dioxane	4000	50 U	3950	99	46-150	
2-Butanone (MEK)	1000	5.0 U	1000	100	52-140	
2-Hexanone	1000	5.0 U	944	94	49-131	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	1010	101	56-132	
Acetone	1000	5.0 U	988	99	26-150	
Benzene	200	1.0 U	181	91	69-125	
Bromoform	200	1.0 U	236	118	50-134	
Bromomethane	200	1.0 U	180	90	27-150	
Carbon disulfide	200	1.0 U	207	103	61-126	
Carbon tetrachloride	200	1.0 U	225	113	58-150	
Chlorobenzene	200	1.0 U	206	103	77-120	
Chlorobromomethane	200	1.0 U	255	128	70-134	
Chlorodibromomethane	200	1.0 U	206	103	63-131	
Chloroethane	200	1.0 U	208	104	58-145	
Chloroform	200	1.0 U	224	112	81-122	
Chloromethane	200	1.0 U	272	136	43-145	
cis-1,2-Dichloroethene	200	1.0 U	224	112	78-121	
cis-1,3-Dichloropropene	200	1.0 U	160	80	71-120	
Cyclohexane	200	1.0 U	157	78	50-150	
Dichlorobromomethane	200	1.0 U	217	108	72-123	
Dichlorodifluoromethane	200	1.0 U	82.6	41	40-150	
Ethylbenzene	200	1.0 U	199	100	74-120	
Ethylene Dibromide	200	1.0 U	202	101	77-117	
Isopropylbenzene	200	1.0 U	202	101	74-127	
Methyl acetate	1000	5.0 U	1340	134	62-140	
Methyl tert-butyl ether	200	1.0 U	214	107	73-125	
Methylcyclohexane	200	1.0 U	195	97	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01678.D

Lab ID: 460-98395-2 MS Client ID: MW-33 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	200	1.0 U	213	107	76-123	
m-Xylene & p-Xylene	200	1.0 U	188	94	78-119	
o-Xylene	200	1.0 U	181	90	79-120	
Styrene	200	1.0 U	185	93	76-120	
Tetrachloroethene	200	0.20 J	284	142	70-136	*
Toluene	200	1.0 U	186	93	78-120	
trans-1,2-Dichloroethene	200	1.0 U	210	105	79-120	
trans-1,3-Dichloropropene	200	1.0 U	177	89	71-123	
Trichloroethene	200	1.0 U	249	124	74-120	*
Trichlorofluoromethane	200	1.0 U	177	88	65-142	
Vinyl chloride	200	1.0 U	176	88	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01679.D

Lab ID: 460-98395-2 MSD Client ID: MW-33 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	200	211	105	4	30	73-134	
1,1,2,2-Tetrachloroethane	200	181	91	2	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	192	96	3	30	60-144	
1,1,2-Trichloroethane	200	191	96	1	30	68-121	
1,1-Dichloroethane	200	212	106	1	30	75-126	
1,1-Dichloroethene	200	220	110	0	30	71-123	
1,2,3-Trichlorobenzene	200	264	132	1	30	72-135	
1,2,4-Trichlorobenzene	200	223	111	2	30	76-129	
1,2-Dibromo-3-Chloropropane	200	231	115	0	30	53-136	
1,2-Dichlorobenzene	200	209	104	0	30	81-120	
1,2-Dichloroethane	200	220	110	1	30	75-127	
1,2-Dichloropropane	200	202	101	2	30	70-120	
1,3-Dichlorobenzene	200	198	99	1	30	75-120	
1,4-Dichlorobenzene	200	199	99	1	30	75-120	
1,4-Dioxane	4000	3900	98	1	30	46-150	
2-Butanone (MEK)	1000	1030	103	3	30	52-140	
2-Hexanone	1000	968	97	3	30	49-131	
4-Methyl-2-pentanone (MIBK)	1000	1030	103	2	30	56-132	
Acetone	1000	1000	100	1	30	26-150	
Benzene	200	179	90	1	30	69-125	
Bromoform	200	240	120	2	30	50-134	
Bromomethane	200	196	98	9	30	27-150	
Carbon disulfide	200	204	102	1	30	61-126	
Carbon tetrachloride	200	217	109	3	30	58-150	
Chlorobenzene	200	206	103	0	30	77-120	
Chlorobromomethane	200	254	127	1	30	70-134	
Chlorodibromomethane	200	206	103	0	30	63-131	
Chloroethane	200	216	108	4	30	58-145	
Chloroform	200	218	109	3	30	81-122	
Chloromethane	200	281	141	3	30	43-145	
cis-1,2-Dichloroethene	200	225	113	1	30	78-121	
cis-1,3-Dichloropropene	200	163	81	2	30	71-120	
Cyclohexane	200	160	80	2	30	50-150	
Dichlorobromomethane	200	217	109	0	30	72-123	
Dichlorodifluoromethane	200	83.9	42	2	30	40-150	
Ethylbenzene	200	197	99	1	30	74-120	
Ethylene Dibromide	200	205	103	1	30	77-117	
Isopropylbenzene	200	204	102	1	30	74-127	
Methyl acetate	1000	1350	135	1	30	62-140	
Methyl tert-butyl ether	200	221	111	3	30	73-125	
Methylcyclohexane	200	188	94	3	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01679.D

Lab ID: 460-98395-2 MSD Client ID: MW-33 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	200	217	108	2	30	76-123	
m-Xylene & p-Xylene	200	189	94	1	30	78-119	
o-Xylene	200	183	91	1	30	79-120	
Styrene	200	188	94	1	30	76-120	
Tetrachloroethene	200	262	131	8	30	70-136	
Toluene	200	185	93	1	30	78-120	
trans-1,2-Dichloroethene	200	208	104	1	30	79-120	
trans-1,3-Dichloropropene	200	177	88	0	30	71-123	
Trichloroethene	200	242	121	3	30	74-120	*
Trichlorofluoromethane	200	182	91	3	30	65-142	
Vinyl chloride	200	184	92	5	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab File ID: P01659.D Lab Sample ID: MB 460-312464/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 07/24/2015 09:12

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-312464/4	P01656.D	07/24/2015 07:56
FB-1	460-98395-3	P01664.D	07/24/2015 11:18
FB-2	460-98395-8	P01665.D	07/24/2015 11:44
TB-1	460-98395-9	P01666.D	07/24/2015 12:09
MW-16	460-98395-1	P01672.D	07/24/2015 14:40
MW-33	460-98395-2	P01673.D	07/24/2015 15:06
MW-9	460-98395-5	P01674.D	07/24/2015 15:31
MW-45	460-98395-6	P01675.D	07/24/2015 15:56
MW-27	460-98395-7	P01676.D	07/24/2015 16:21
MW-33 MS	460-98395-2 MS	P01678.D	07/24/2015 17:11
MW-33 MSD	460-98395-2 MSD	P01679.D	07/24/2015 17:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab File ID: P01744.D Lab Sample ID: MB 460-313105/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 07/28/2015 10:01

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-313105/4	P01740.D	07/28/2015 08:20
	LCSD 460-313105/5	P01741.D	07/28/2015 08:46
MW-10	460-98395-4	P01756.D	07/28/2015 15:04

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab File ID: P00393.D BFB Injection Date: 06/19/2015

Instrument ID: CVOAMS13 BFB Injection Time: 20:18

Analysis Batch No.: 305952

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	49.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	71.9	
175	5.0 - 9.0 % of mass 174	3.6	(5.0)1
176	95.0 - 101.0 % of mass 174	69.3	(96.4)1
177	5.0 - 9.0 % of mass 176	4.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-305952/5	P00397.D	06/19/2015	22:12
	STD20 460-305952/6	P00398.D	06/19/2015	22:37
	STD50 460-305952/7	P00399.D	06/19/2015	23:02
	STD200 460-305952/8	P00400.D	06/19/2015	23:27
	STD500 460-305952/9	P00401.D	06/19/2015	23:52
	STD8 460-305952/12	P00404.D	06/20/2015	01:07
	STD05 460-305952/17	P00409.D	06/20/2015	03:12
	STD1 460-305952/18	P00410.D	06/20/2015	03:37

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab File ID: P01653.D BFB Injection Date: 07/24/2015

Instrument ID: CVOAMS13 BFB Injection Time: 06:17

Analysis Batch No.: 312464

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	44.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	101.4	
175	5.0 - 9.0 % of mass 174	9.0	(8.9)1
176	95.0 - 101.0 % of mass 174	101.7	(100.3)1
177	5.0 - 9.0 % of mass 176	6.3	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-312464/2	P01654.D	07/24/2015	06:41
	LCS 460-312464/4	P01656.D	07/24/2015	07:56
	MB 460-312464/7	P01659.D	07/24/2015	09:12
FB-1	460-98395-3	P01664.D	07/24/2015	11:18
FB-2	460-98395-8	P01665.D	07/24/2015	11:44
TB-1	460-98395-9	P01666.D	07/24/2015	12:09
MW-16	460-98395-1	P01672.D	07/24/2015	14:40
MW-33	460-98395-2	P01673.D	07/24/2015	15:06
MW-9	460-98395-5	P01674.D	07/24/2015	15:31
MW-45	460-98395-6	P01675.D	07/24/2015	15:56
MW-27	460-98395-7	P01676.D	07/24/2015	16:21
MW-33 MS	460-98395-2 MS	P01678.D	07/24/2015	17:11
MW-33 MSD	460-98395-2 MSD	P01679.D	07/24/2015	17:36

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab File ID: P01737.D BFB Injection Date: 07/28/2015

Instrument ID: CVOAMS13 BFB Injection Time: 06:29

Analysis Batch No.: 313105

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	47.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	86.9	
175	5.0 - 9.0 % of mass 174	6.8	(7.9)1
176	95.0 - 101.0 % of mass 174	84.5	(97.2)1
177	5.0 - 9.0 % of mass 176	5.9	(7.0)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
	CCVIS 460-313105/3	P01739.D	07/28/2015	07:34
	LCS 460-313105/4	P01740.D	07/28/2015	08:20
	LCSD 460-313105/5	P01741.D	07/28/2015	08:46
	MB 460-313105/8	P01744.D	07/28/2015	10:01
MW-10	460-98395-4	P01756.D	07/28/2015	15:04

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Sample No.: CCVIS 460-312464/2 Date Analyzed: 07/24/2015 06:41

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01654.D Heated Purge: (Y/N) N

Calibration ID: 50847

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		327336	2.22	301621	3.30	399715	3.91
UPPER LIMIT		654672	2.72	603242	3.80	799430	4.41
LOWER LIMIT		163668	1.72	150811	2.80	199858	3.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-312464/4		323403	2.22	299586	3.30	402146	3.91
MB 460-312464/7		329517	2.22	291552	3.30	385798	3.91
460-98395-3	FB-1	318469	2.22	293325	3.30	376330	3.91
460-98395-8	FB-2	320478	2.22	290223	3.30	373741	3.91
460-98395-9	TB-1	274465	2.22	249859	3.30	365040	3.91
460-98395-1	MW-16	252022	2.21	234671	3.30	348754	3.90
460-98395-2	MW-33	293977	2.22	271915	3.30	376630	3.91
460-98395-5	MW-9	277736	2.22	256480	3.30	372928	3.91
460-98395-6	MW-45	306794	2.22	282105	3.30	376406	3.91
460-98395-7	MW-27	319589	2.22	288025	3.30	379170	3.91
460-98395-2 MS	MW-33 MS	276471	2.22	268876	3.30	381383	3.91
460-98395-2 MSD	MW-33 MSD	287245	2.22	273964	3.30	388353	3.91

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Sample No.: CCVIS 460-312464/2 Date Analyzed: 07/24/2015 06:41

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01654.D Heated Purge: (Y/N) N

Calibration ID: 50847

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33242	4.82	334561	7.40	207982	10.97
UPPER LIMIT		66484	5.32	669122	7.90	415964	11.47
LOWER LIMIT		16621	4.32	167281	6.90	103991	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-312464/4		32934	4.81	334663	7.40	204895	10.97
MB 460-312464/7		30460	4.81	320826	7.40	190726	10.97
460-98395-3	FB-1	30438	4.81	309526	7.40	187801	10.97
460-98395-8	FB-2	28896	4.81	308371	7.40	187440	10.97
460-98395-9	TB-1	26417	4.81	304708	7.40	184827	10.97
460-98395-1	MW-16	23543	4.81	294368	7.40	176732	10.97
460-98395-2	MW-33	27784	4.81	312607	7.40	187301	10.97
460-98395-5	MW-9	26180	4.81	315769	7.40	195699	10.97
460-98395-6	MW-45	28223	4.81	315973	7.40	193825	10.97
460-98395-7	MW-27	30487	4.81	316074	7.40	190937	10.97
460-98395-2 MS	MW-33 MS	29371	4.81	324704	7.40	203194	10.97
460-98395-2 MSD	MW-33 MSD	30674	4.81	330571	7.40	205556	10.97

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Sample No.: CCVIS 460-313105/3 Date Analyzed: 07/28/2015 07:34

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01739.D Heated Purge: (Y/N) N

Calibration ID: 50847

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		415357	2.23	380605	3.31	485419	3.91
UPPER LIMIT		830714	2.73	761210	3.81	970838	4.41
LOWER LIMIT		207679	1.73	190303	2.81	242710	3.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313105/4		419815	2.23	390761	3.31	474698	3.91
LCSD 460-313105/5		415106	2.23	377134	3.30	466039	3.91
MB 460-313105/8		422399	2.22	369241	3.30	469484	3.91
460-98395-4	MW-10	394989	2.22	347120	3.30	451961	3.91

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Sample No.: CCVIS 460-313105/3 Date Analyzed: 07/28/2015 07:34

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01739.D Heated Purge: (Y/N) N

Calibration ID: 50847

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		43143	4.83	410700	7.40	244558	10.97
UPPER LIMIT		86286	5.33	821400	7.90	489116	11.47
LOWER LIMIT		21572	4.33	205350	6.90	122279	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313105/4		43636	4.82	402917	7.40	238974	10.97
LCSD 460-313105/5		41800	4.81	399025	7.40	240332	10.97
MB 460-313105/8		41602	4.81	400186	7.40	236324	10.97
460-98395-4	MW-10	39034	4.81	379667	7.40	228903	10.97

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-16 | Lab Sample ID: 460-98395-1

Matrix: Water | Lab File ID: P01672.D

Analysis Method: 8260C | Date Collected: 07/20/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 14:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.22	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-16 | Lab Sample ID: 460-98395-1

Matrix: Water | Lab File ID: P01672.D

Analysis Method: 8260C | Date Collected: 07/20/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 14:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.27	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.30	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene	111		64-135
1868-53-7	Dibromofluoromethane (Surr)	110		72-137
2037-26-5	Toluene-d8 (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-16 Lab Sample ID: 460-98395-1

Matrix: Water Lab File ID: P01672.D

Analysis Method: 8260C Date Collected: 07/20/2015 12:00

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 14:40

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01672.D
Lims ID: 460-98395-B-1 Lab Sample ID: 460-98395-1
Client ID: MW-16
Sample Type: Client
Inject. Date: 24-Jul-2015 14:40:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-B-1
Misc. Info.: 460-0030007-020
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:43:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.223	-0.012	100	252022	1000.0	
43 Chloroform	83	3.095	3.101	-0.006	95	720	0.2233	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	77870	55.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	234671	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	91396	51.9	
* 61 Fluorobenzene	96	3.900	3.906	-0.006	99	348754	50.0	
64 Trichloroethene	130	4.052	4.058	-0.006	95	537	0.2957	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	93	23543	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	288852	43.2	
81 Tetrachloroethene	166	5.984	5.978	0.006	81	503	0.2725	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	294368	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	103838	55.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	176732	50.0	

Reagents:

8260ISNEW_00029	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added: 1.00	Units: uL	Run Reagent

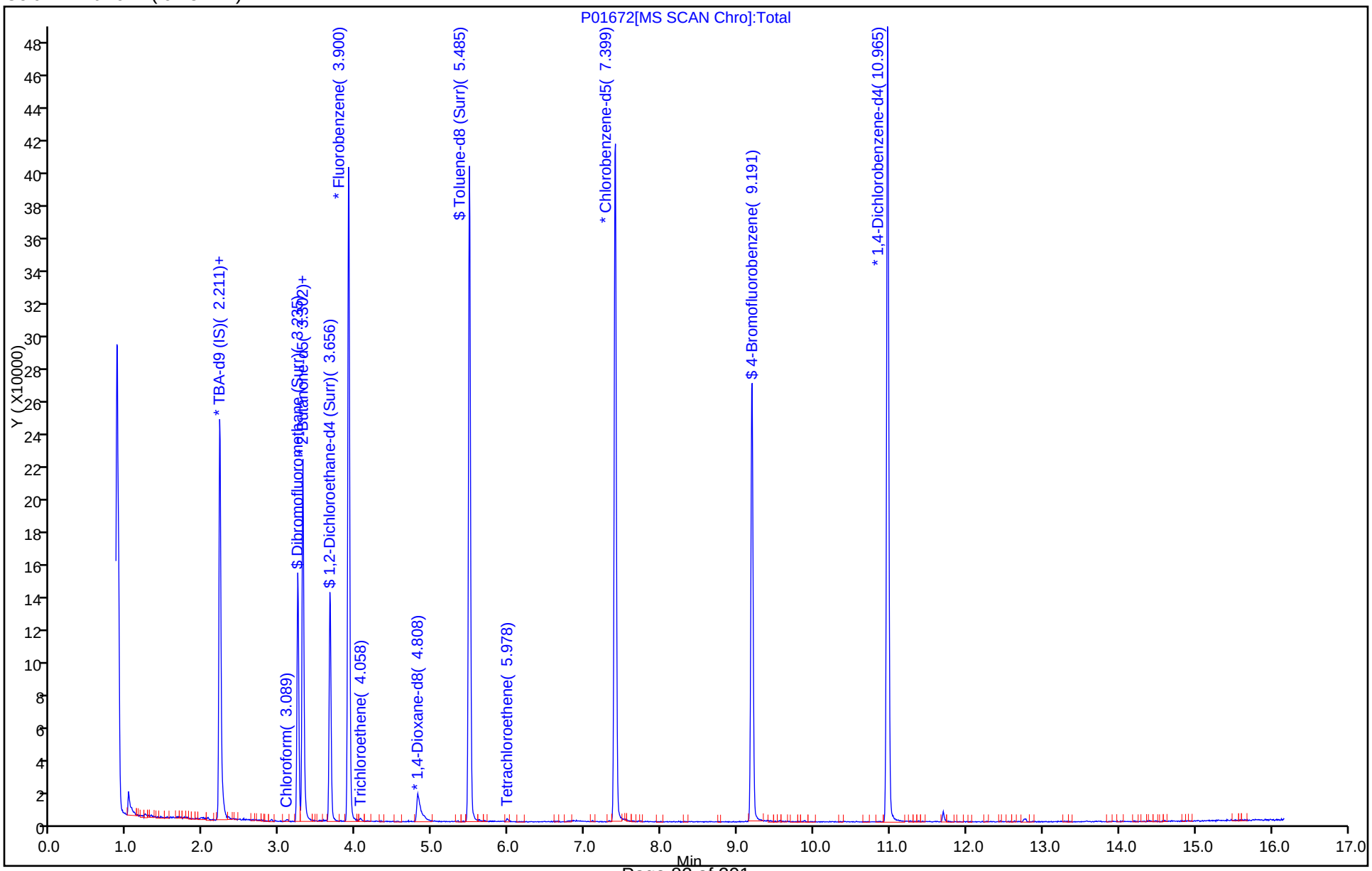
Report Date: 27-Jul-2015 10:52:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01672.D

Injection Date:	24-Jul-2015 14:40:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-B-1	Lab Sample ID:	460-98395-1	Worklist Smp#:	20
Client ID:	MW-16				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



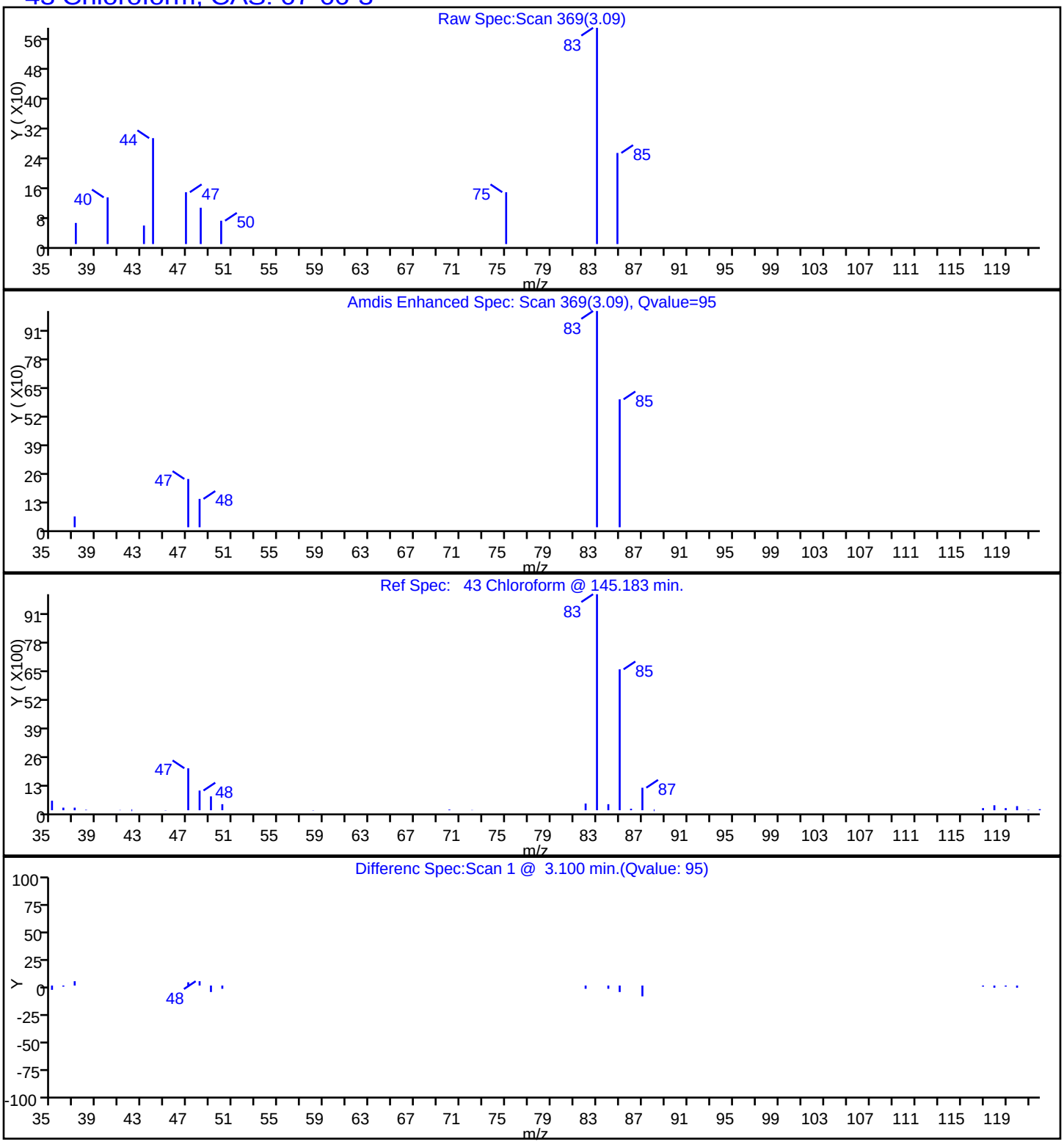
Report Date: 27-Jul-2015 10:52:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01672.D

Injection Date:	24-Jul-2015 14:40:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-1	Lab Sample ID:	460-98395-1
Client ID:	MW-16		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

43 Chloroform, CAS: 67-66-3



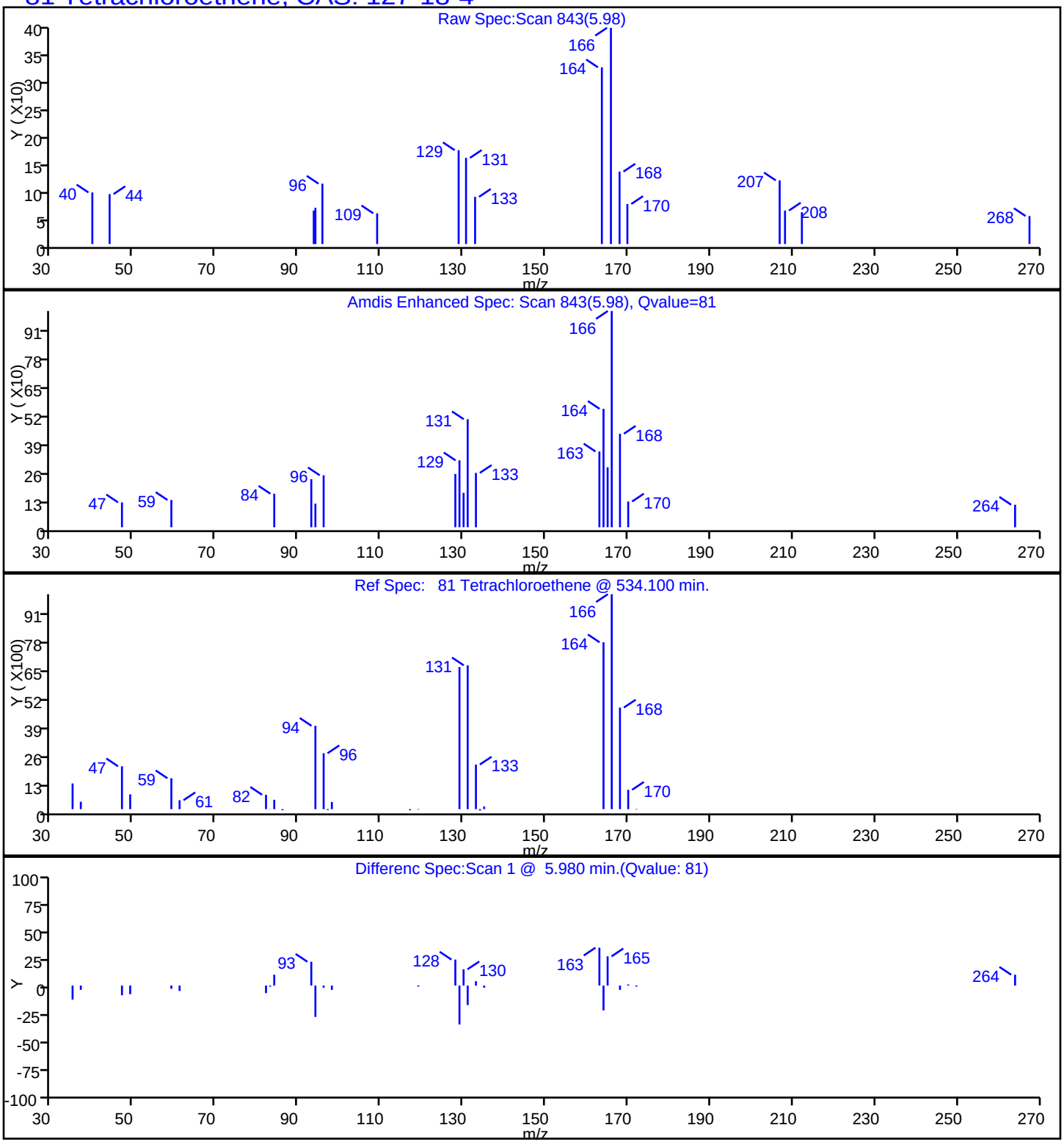
Report Date: 27-Jul-2015 10:52:04 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01672.D

Injection Date:	24-Jul-2015 14:40:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-1	Lab Sample ID:	460-98395-1
Client ID:	MW-16		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



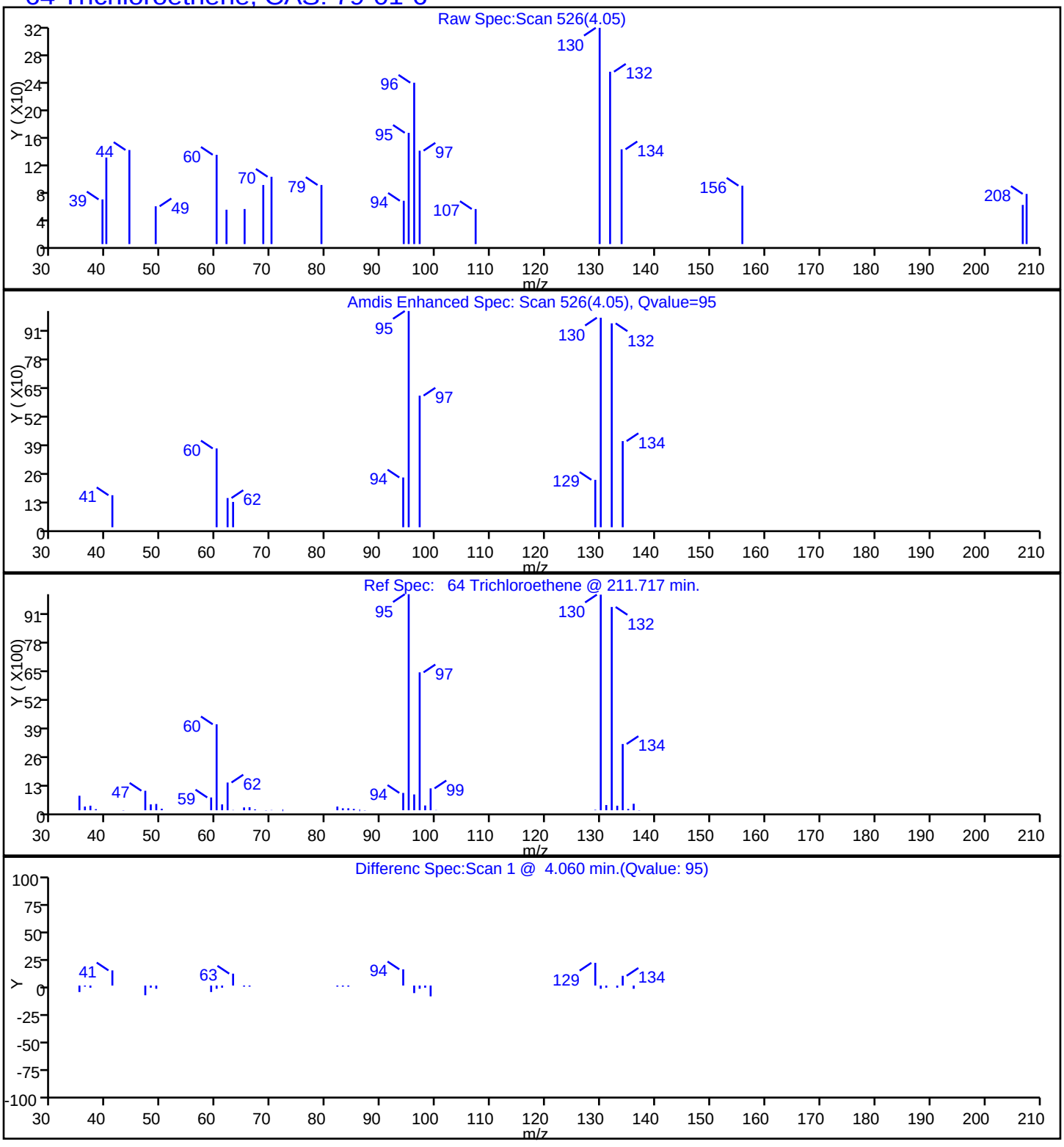
Report Date: 27-Jul-2015 10:52:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01672.D

Injection Date:	24-Jul-2015 14:40:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-1	Lab Sample ID:	460-98395-1
Client ID:	MW-16		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 | Lab Sample ID: 460-98395-2

Matrix: Water | Lab File ID: P01673.D

Analysis Method: 8260C | Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 | Lab Sample ID: 460-98395-2

Matrix: Water | Lab File ID: P01673.D

Analysis Method: 8260C | Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.20	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 Lab Sample ID: 460-98395-2

Matrix: Water Lab File ID: P01673.D

Analysis Method: 8260C Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:06

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01673.D
Lims ID: 460-98395-B-2 Lab Sample ID: 460-98395-2
Client ID: MW-33
Sample Type: Client
Inject. Date: 24-Jul-2015 15:06:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-B-2
Misc. Info.: 460-0030007-021
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:44:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	99	293977	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	77079	50.5	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	271915	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	91913	48.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	376630	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	93	27784	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	286643	40.4	
81 Tetrachloroethene	166	5.978	5.978	0.000	83	390	0.1989	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	312607	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	101737	51.4	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	187301	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

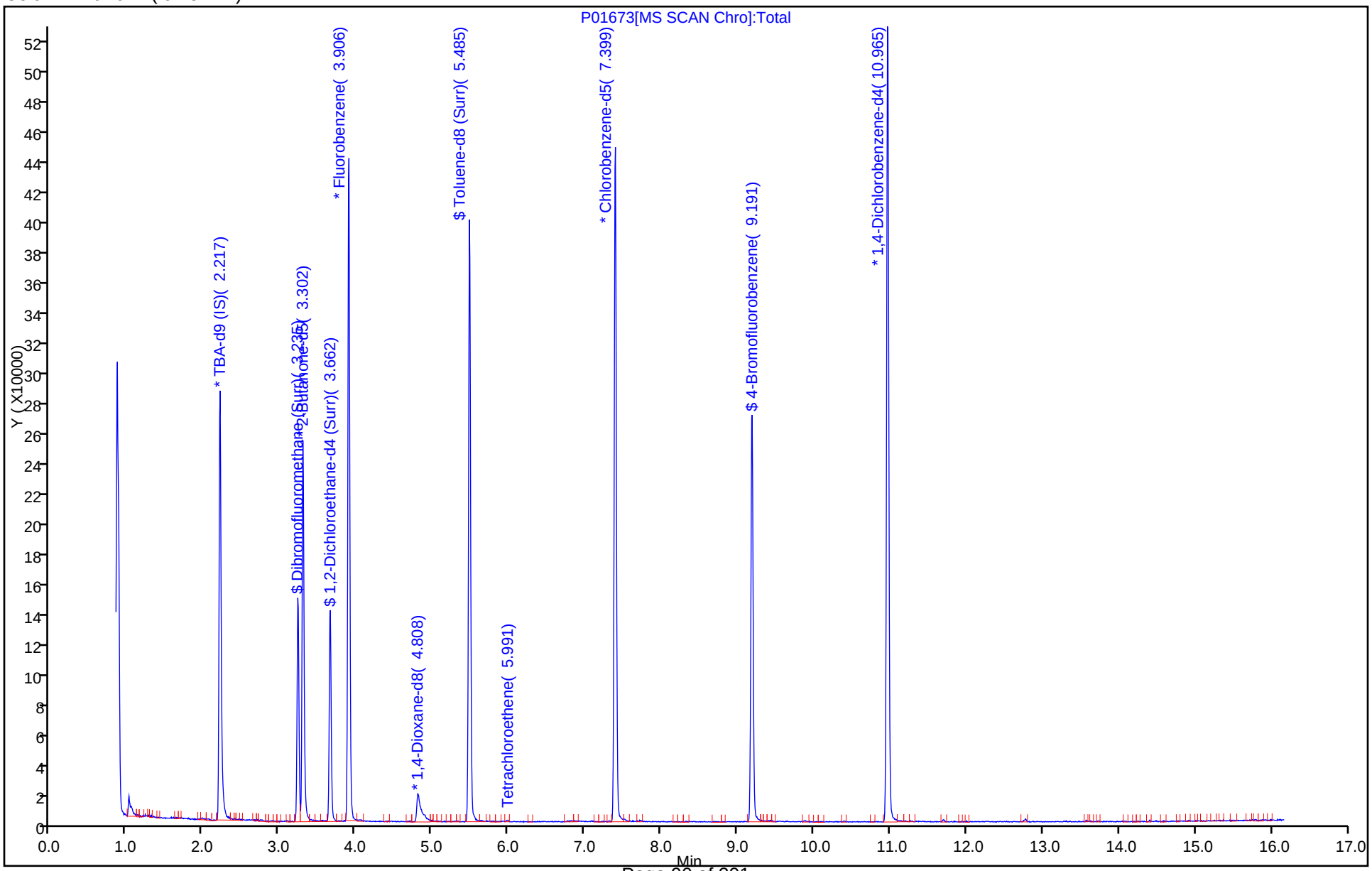
Report Date: 27-Jul-2015 10:52:05 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01673.D

Injection Date:	24-Jul-2015 15:06:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-B-2	Lab Sample ID:	460-98395-2	Worklist Smp#:	21
Client ID:	MW-33				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



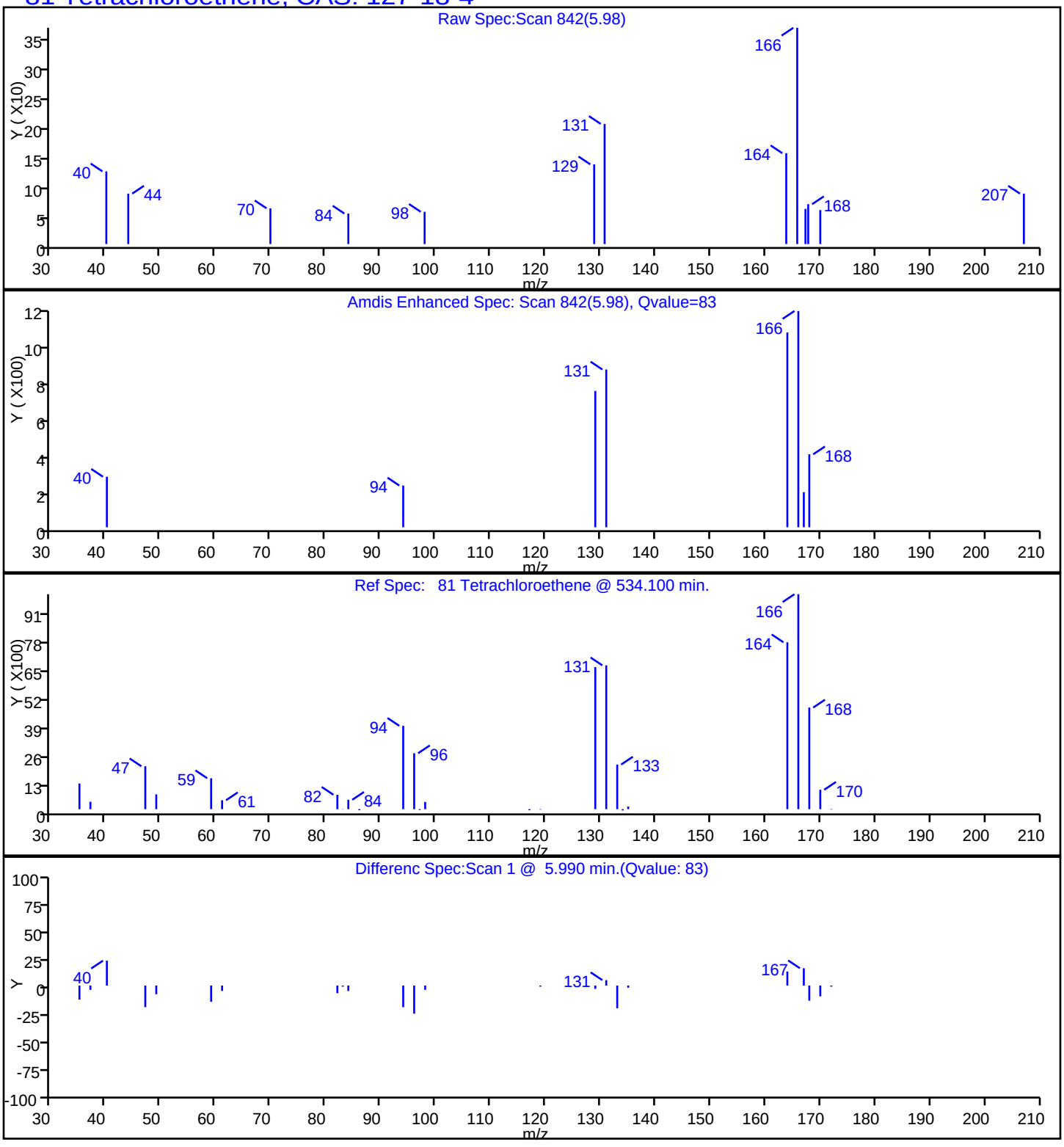
Report Date: 27-Jul-2015 10:52:06 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01673.D

Injection Date:	24-Jul-2015 15:06:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-2	Lab Sample ID:	460-98395-2
Client ID:	MW-33		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 460-98395-3

Matrix: Water | Lab File ID: P01664.D

Analysis Method: 8260C | Date Collected: 07/20/2015 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 11:18

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.88	J	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 460-98395-3

Matrix: Water | Lab File ID: P01664.D

Analysis Method: 8260C | Date Collected: 07/20/2015 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 11:18

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 460-98395-3

Matrix: Water | Lab File ID: P01664.D

Analysis Method: 8260C | Date Collected: 07/20/2015 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 11:18

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01664.D				
Lims ID:	460-98395-A-3	Lab Sample ID:	460-98395-3		
Client ID:	FB-1				
Sample Type:	Client				
Inject. Date:	24-Jul-2015 11:18:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-98395-A-3				
Misc. Info.:	460-0030007-012				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	24-Jul-2015 13:18:09	Calib Date:	20-Jun-2015 03:37:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK024				
First Level Reviewer: desais		Date:	24-Jul-2015 13:17:24		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	99	318469	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	77884	51.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	293325	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	93348	49.2	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	376330	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	30438	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	285722	40.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	309526	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	100747	51.4	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	187801	50.0	
120 1,4-Dichlorobenzene	146	10.983	10.996	-0.013	93	5016	0.8781	

Reagents:

8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

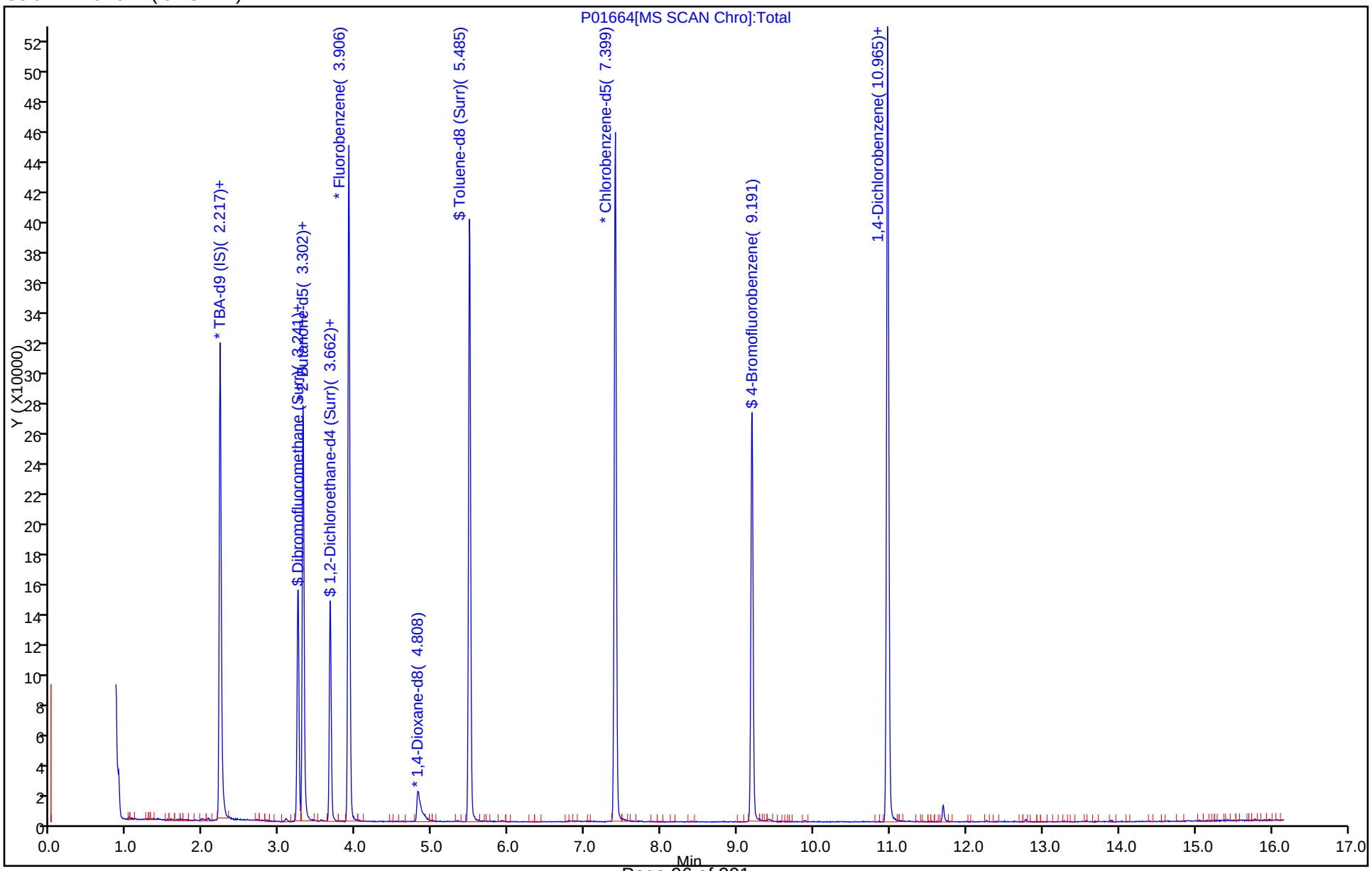
Report Date: 24-Jul-2015 13:18:33 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01664.D

Injection Date:	24-Jul-2015 11:18:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-A-3	Lab Sample ID:	460-98395-3	Worklist Smp#:	12
Client ID:	FB-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



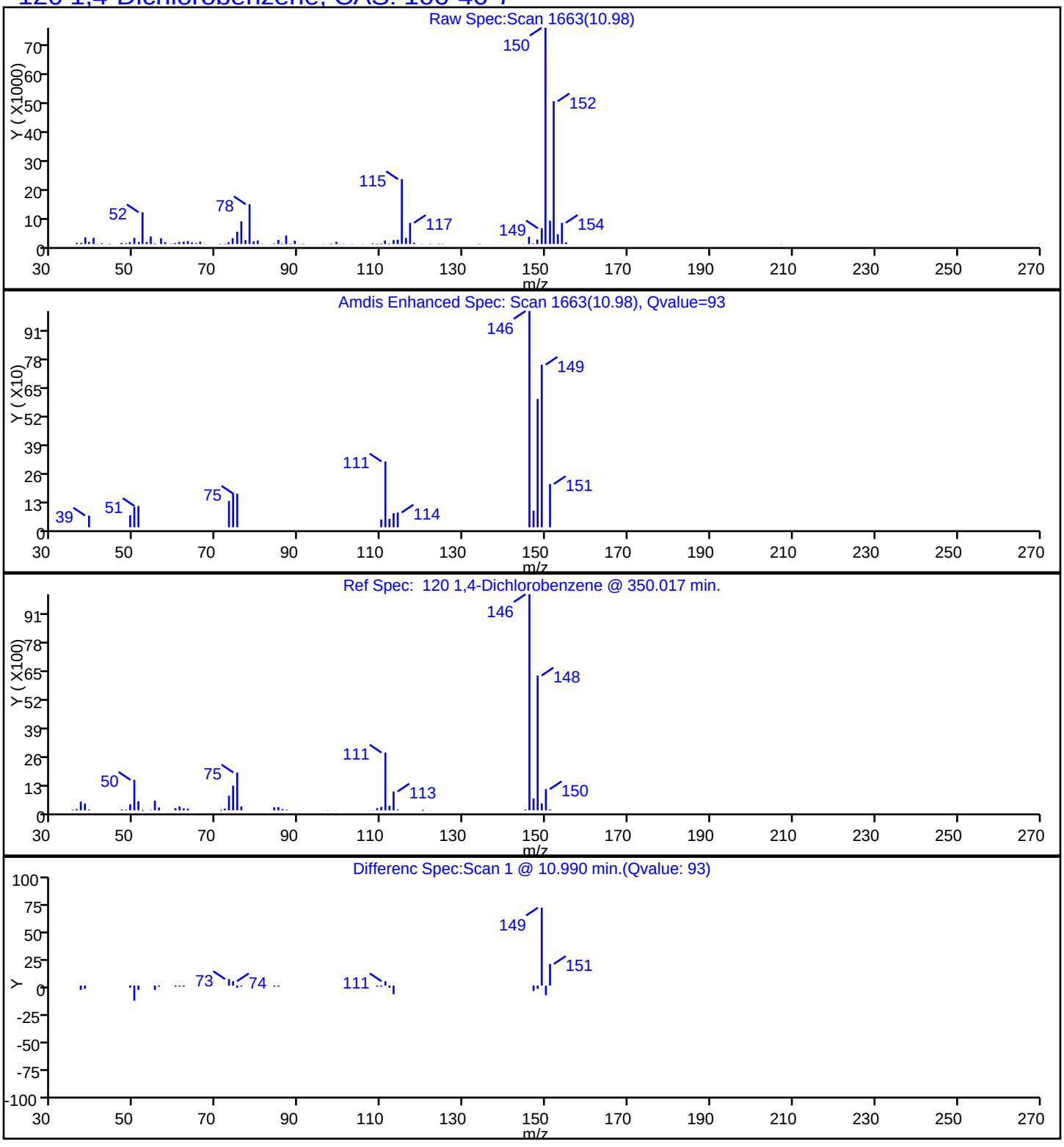
Report Date: 24-Jul-2015 13:18:33 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01664.D

Injection Date:	24-Jul-2015 11:18:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-A-3	Lab Sample ID:	460-98395-3		
Client ID:	FB-1				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

120 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-98395-4

Matrix: Water | Lab File ID: P01756.D

Analysis Method: 8260C | Date Collected: 07/21/2015 09:52

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 15:04

Soil Aliquot Vol: | Dilution Factor: 20

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20	U	20	5.6
79-34-5	1,1,2,2-Tetrachloroethane	20	U	20	3.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	6.8
79-00-5	1,1,2-Trichloroethane	20	U	20	1.6
75-34-3	1,1-Dichloroethane	20	U	20	4.8
75-35-4	1,1-Dichloroethene	20	U	20	6.8
87-61-6	1,2,3-Trichlorobenzene	20	U	20	7.0
120-82-1	1,2,4-Trichlorobenzene	20	U	20	5.4
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	20	4.6
95-50-1	1,2-Dichlorobenzene	20	U	20	4.4
107-06-2	1,2-Dichloroethane	20	U	20	5.0
78-87-5	1,2-Dichloropropane	20	U	20	3.6
541-73-1	1,3-Dichlorobenzene	20	U	20	6.6
106-46-7	1,4-Dichlorobenzene	20	U	20	6.6
123-91-1	1,4-Dioxane	1000	U	1000	170
78-93-3	2-Butanone (MEK)	100	U	100	44
591-78-6	2-Hexanone	100	U	100	14
108-10-1	4-Methyl-2-pentanone (MIBK)	100	U	100	13
67-64-1	Acetone	100	U	100	21
71-43-2	Benzene	20	U	20	1.8
75-25-2	Bromoform	20	U	20	3.6
74-83-9	Bromomethane	20	U	20	3.6
75-15-0	Carbon disulfide	20	U	20	4.4
56-23-5	Carbon tetrachloride	20	U	20	6.6
108-90-7	Chlorobenzene	20	U	20	4.8
74-97-5	Chlorobromomethane	20	U	20	6.0
124-48-1	Chlorodibromomethane	20	U	20	4.4
75-00-3	Chloroethane	20	U	20	7.4
67-66-3	Chloroform	20	U	20	4.4
74-87-3	Chloromethane	20	U *	20	4.4
156-59-2	cis-1,2-Dichloroethene	210		20	5.2
10061-01-5	cis-1,3-Dichloropropene	20	U	20	3.2
110-82-7	Cyclohexane	20	U	20	5.2
75-27-4	Dichlorobromomethane	20	U	20	3.0
75-71-8	Dichlorodifluoromethane	20	U	20	2.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-98395-4

Matrix: Water | Lab File ID: P01756.D

Analysis Method: 8260C | Date Collected: 07/21/2015 09:52

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 15:04

Soil Aliquot Vol: | Dilution Factor: 20

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20	U	20	6.0
106-93-4	Ethylene Dibromide	20	U	20	3.8
98-82-8	Isopropylbenzene	20	U	20	6.4
79-20-9	Methyl acetate	100	U *	100	12
1634-04-4	Methyl tert-butyl ether	28		20	2.6
108-87-2	Methylcyclohexane	20	U	20	4.4
75-09-2	Methylene Chloride	20	U	20	4.2
179601-23-1	m-Xylene & p-Xylene	20	U	20	5.6
95-47-6	o-Xylene	20	U	20	6.4
100-42-5	Styrene	20	U	20	3.4
127-18-4	Tetrachloroethene	5800		20	2.4
108-88-3	Toluene	20	U	20	5.0
156-60-5	trans-1,2-Dichloroethene	20	U	20	3.6
10061-02-6	trans-1,3-Dichloropropene	20	U	20	3.8
79-01-6	Trichloroethene	560		20	4.4
75-69-4	Trichlorofluoromethane	20	U	20	3.0
75-01-4	Vinyl chloride	3.9	J	20	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene	116		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-98395-4

Matrix: Water | Lab File ID: P01756.D

Analysis Method: 8260C | Date Collected: 07/21/2015 09:52

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 15:04

Soil Aliquot Vol: | Dilution Factor: 20

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

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

Analysis Batch No.: 313105 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D
Lims ID: 460-98395-C-4 Lab Sample ID: 460-98395-4
Client ID: MW-10
Sample Type: Client
Inject. Date: 28-Jul-2015 15:04:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 460-98395-C-4
Misc. Info.: 460-0030126-020
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 09:54:32 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: delpolitov Date: 30-Jul-2015 09:54:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
3 Vinyl chloride	62	1.089	1.089	0.000	26	582	0.1948	
28 Methyl tert-butyl ether	73	2.199	2.198	0.001	97	10499	1.41	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	394989	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.893	0.001	96	26306	10.7	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	85715	46.8	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	347120	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	96	99297	43.5	
* 61 Fluorobenzene	96	3.906	3.905	0.001	98	451961	50.0	
64 Trichloroethene	130	4.058	4.058	0.000	97	65794	28.0	
* 72 1,4-Dioxane-d8	96	4.814	4.826	-0.012	92	39034	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.484	0.000	99	346046	40.1	
81 Tetrachloroethene	166	5.978	5.984	-0.006	98	692196	290.7	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	379667	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	139650	58.0	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	95	228903	50.0	

Reagents:

8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

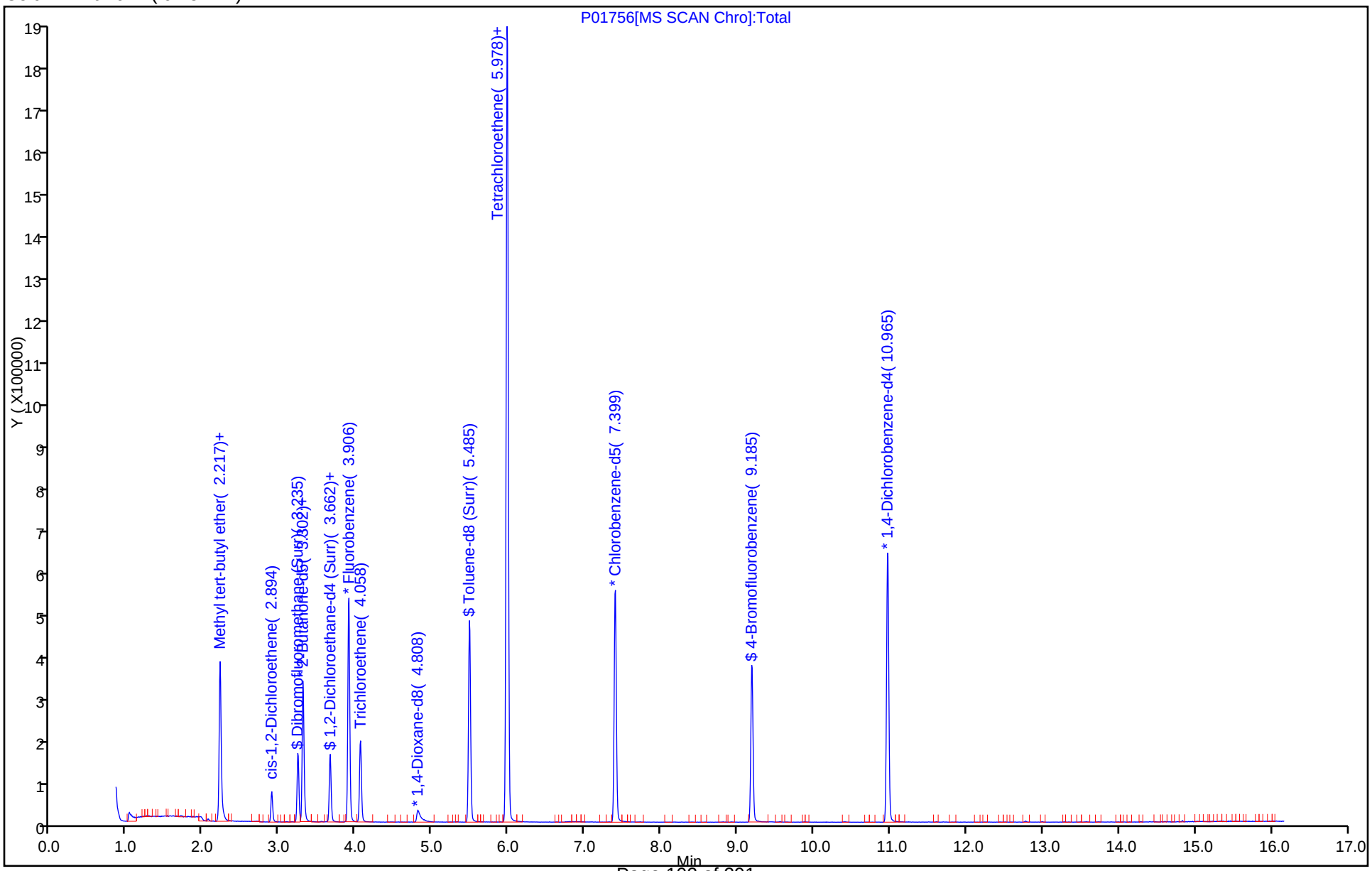
Report Date: 30-Jul-2015 09:54:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D

Injection Date:	28-Jul-2015 15:04:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-C-4	Lab Sample ID:	460-98395-4	Worklist Smp#:	20
Client ID:	MW-10				
Purge Vol:	5.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	19
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



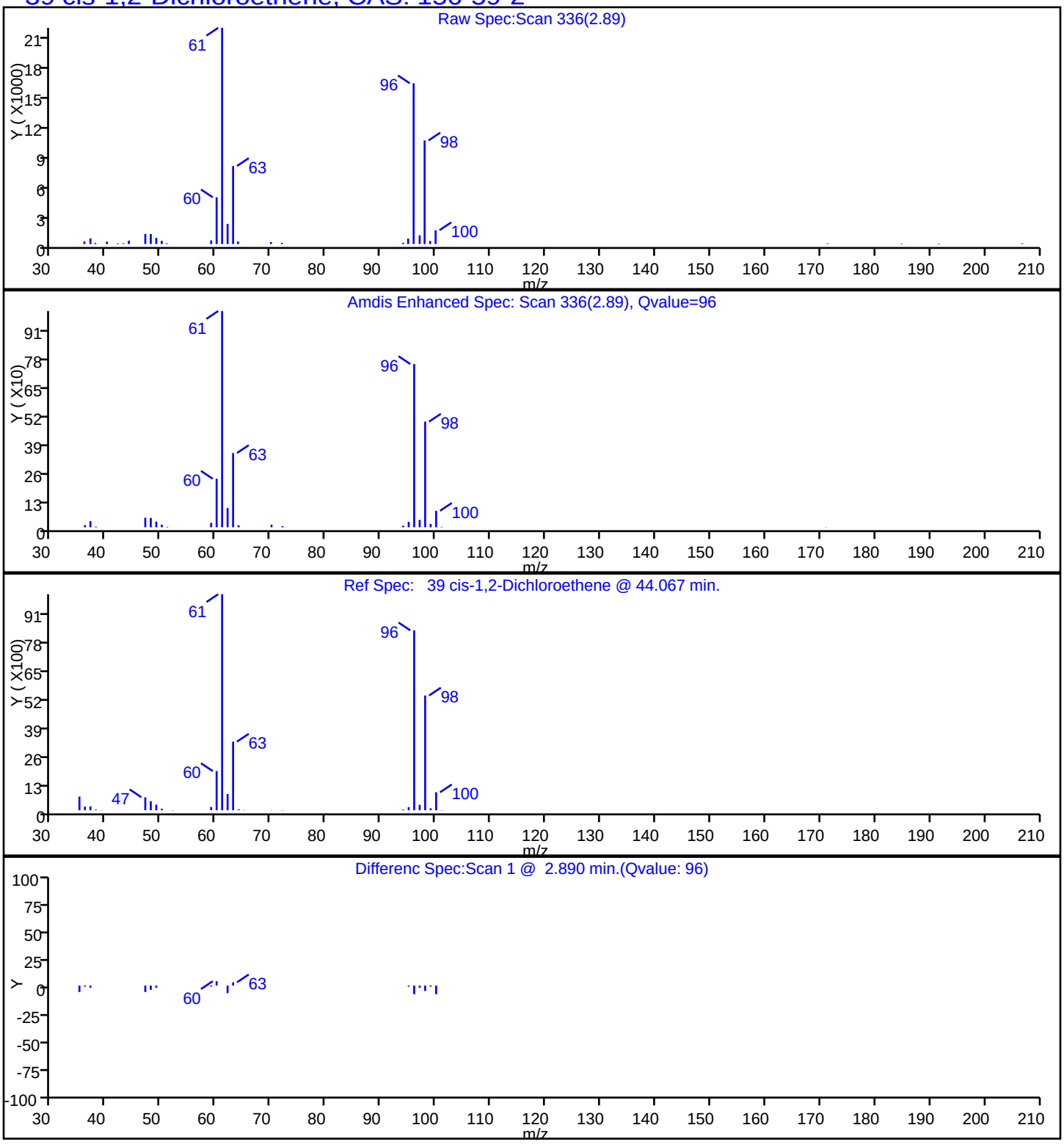
Report Date: 30-Jul-2015 09:54:33 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D

Injection Date:	28-Jul-2015 15:04:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-C-4	Lab Sample ID:	460-98395-4		
Client ID:	MW-10				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



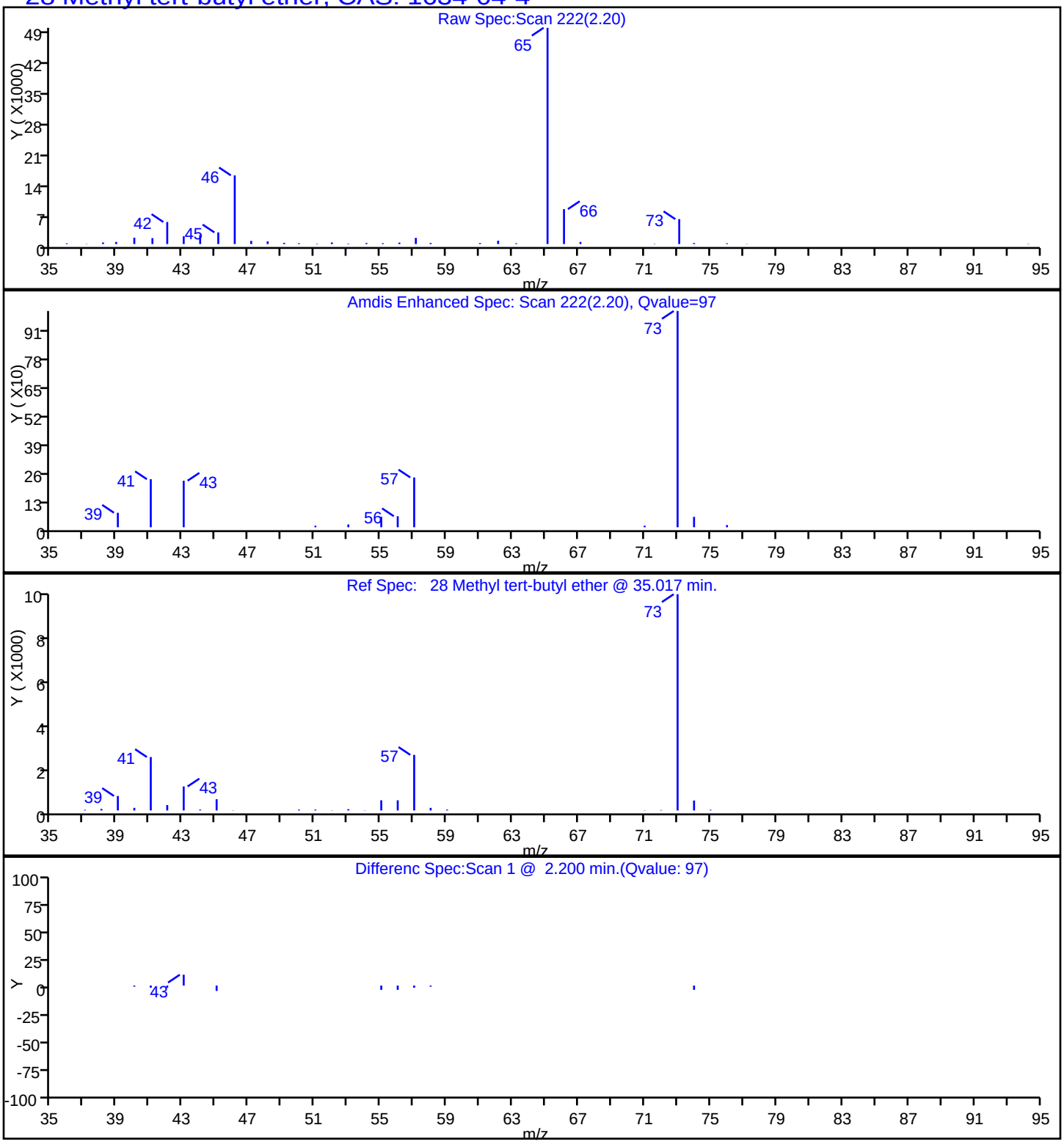
Report Date: 30-Jul-2015 09:54:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D

Injection Date:	28-Jul-2015 15:04:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-C-4	Lab Sample ID:	460-98395-4		
Client ID:	MW-10				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

28 Methyl tert-butyl ether, CAS: 1634-04-4



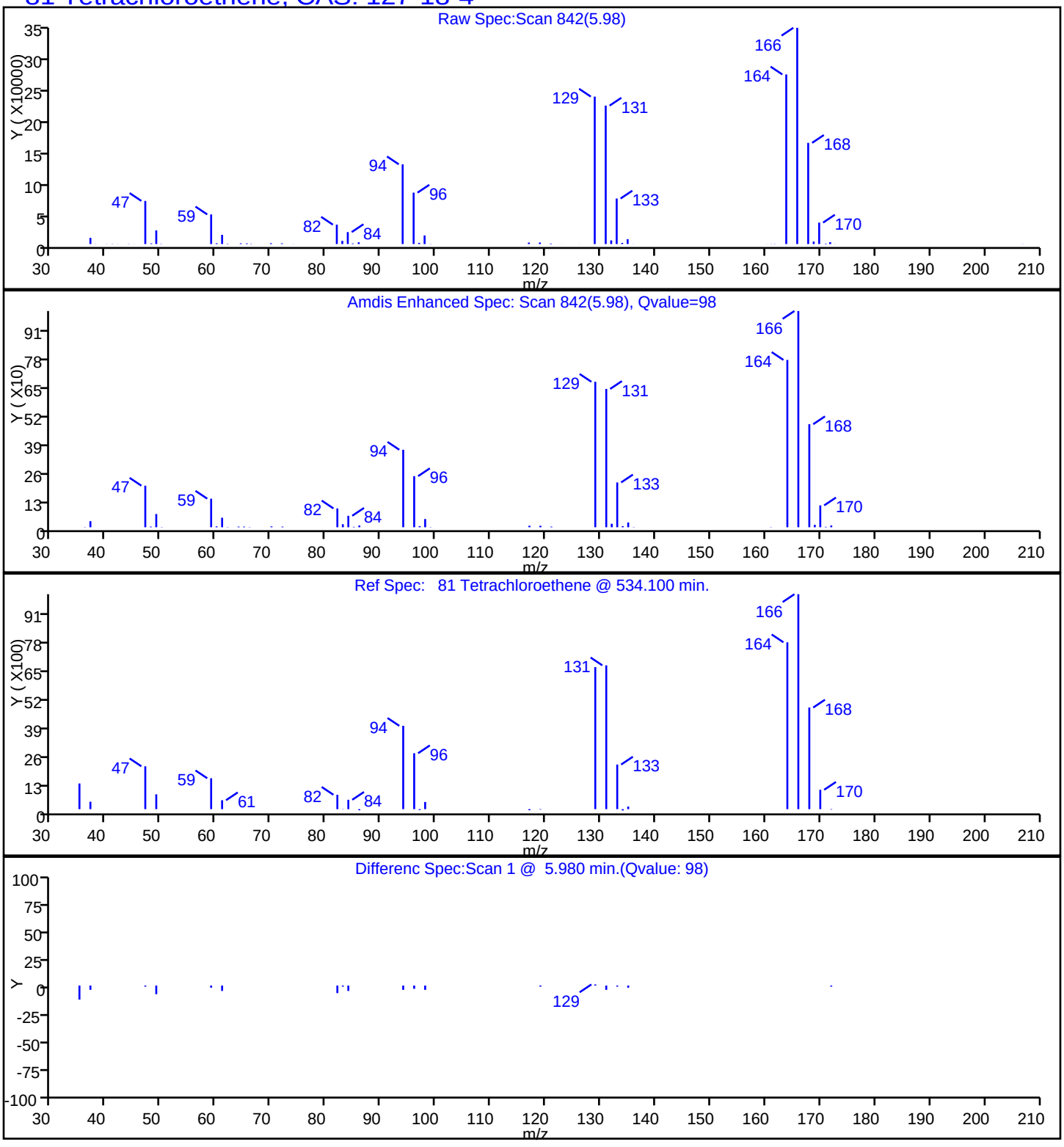
Report Date: 30-Jul-2015 09:54:33 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D

Injection Date:	28-Jul-2015 15:04:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-C-4	Lab Sample ID:	460-98395-4		
Client ID:	MW-10				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



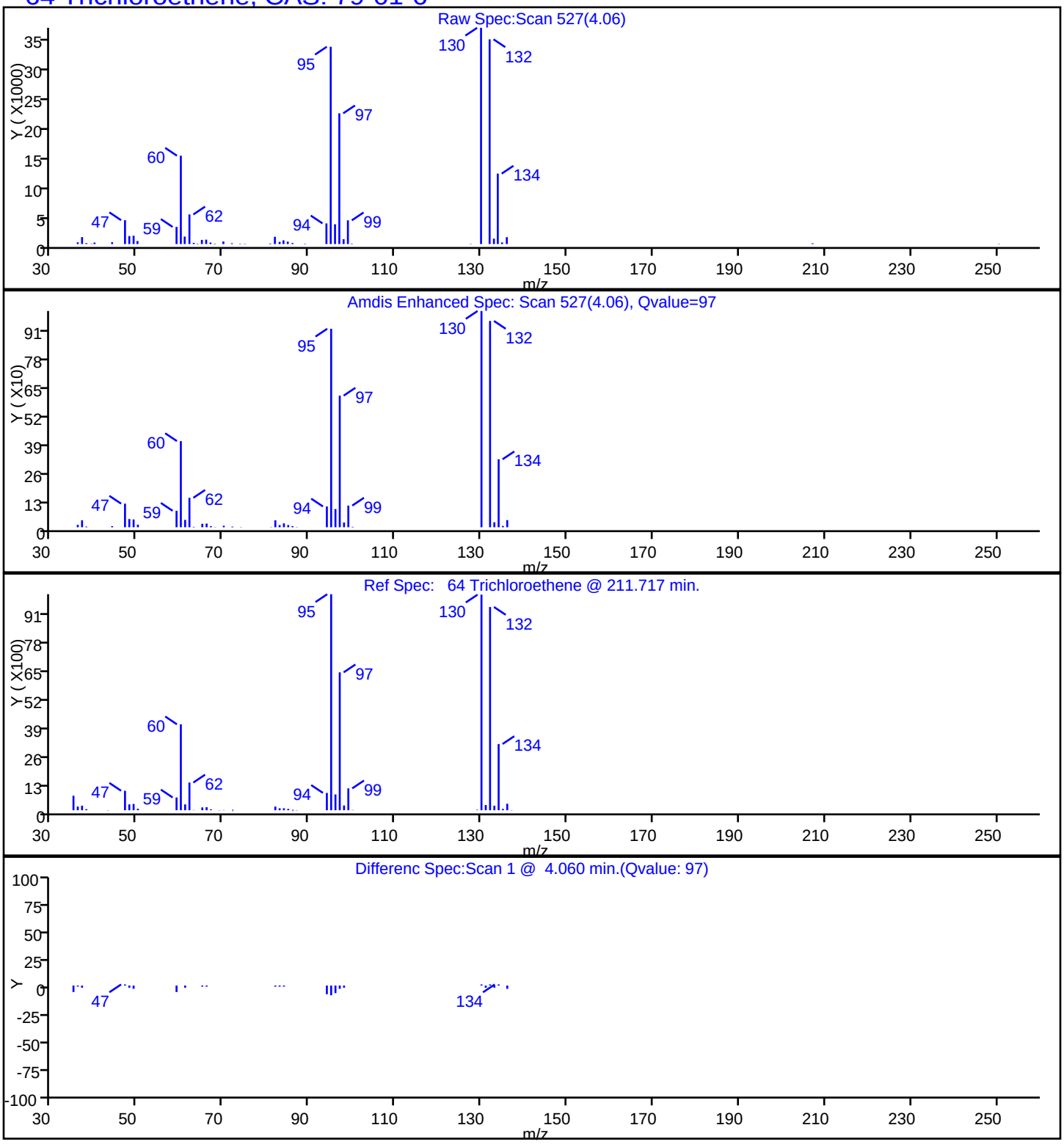
Report Date: 30-Jul-2015 09:54:33 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D

Injection Date:	28-Jul-2015 15:04:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-C-4	Lab Sample ID:	460-98395-4		
Client ID:	MW-10				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



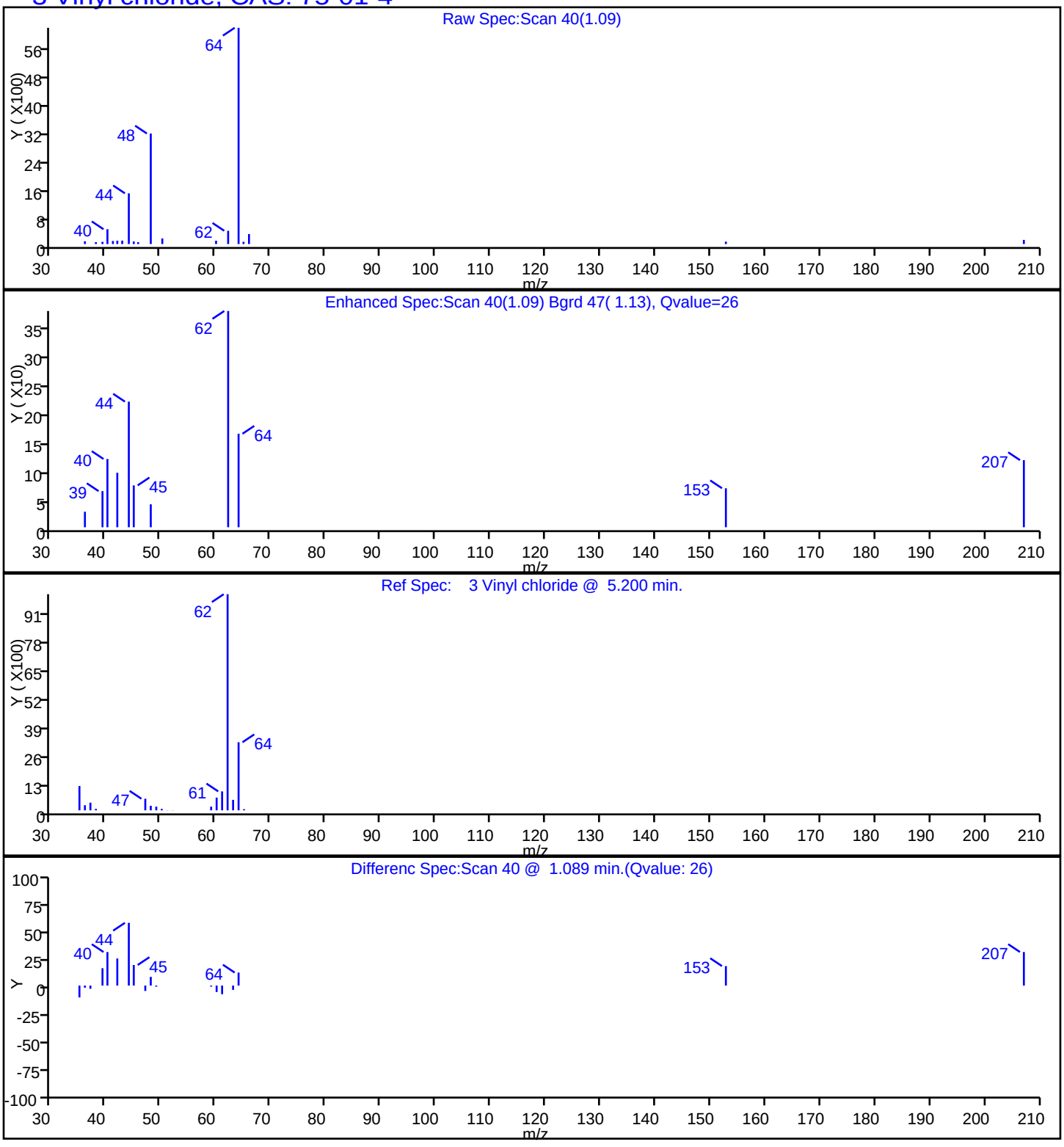
Report Date: 30-Jul-2015 09:54:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01756.D

Injection Date:	28-Jul-2015 15:04:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-C-4	Lab Sample ID:	460-98395-4		
Client ID:	MW-10				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

3 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-98395-5

Matrix: Water | Lab File ID: P01674.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:07

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	0.64	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	14		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	2.3		1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-98395-5

Matrix: Water | Lab File ID: P01674.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:07

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.54	J	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	0.64	J	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	3.2		1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.41	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.26	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.3		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.84	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	9.5		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-98395-5

Matrix: Water | Lab File ID: P01674.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:07

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 12.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
78-78-4	Butane, 2-methyl-	1.28	7.6	J N
79-29-8	Butane, 2,3-dimethyl-	1.88	5.1	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D
Lims ID: 460-98395-B-5 Lab Sample ID: 460-98395-5
Client ID: MW-9
Sample Type: Client
Inject. Date: 24-Jul-2015 15:31:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-B-5
Misc. Info.: 460-0030007-022
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:44:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
3 Vinyl chloride	62	1.089	1.089	0.000	97	23315	9.46	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	91	2704	1.32	
28 Methyl tert-butyl ether	73	2.193	2.199	-0.006	97	19779	3.22	
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	100	277736	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	29050	14.3	
41 Cyclohexane	56	3.034	3.034	0.000	93	7706	2.27	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	77604	51.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	256480	250.0	
54 Benzene	78	3.546	3.546	0.000	95	6177	0.6365	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	98	91301	48.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	372928	50.0	
64 Trichloroethene	130	4.058	4.058	0.000	80	1629	0.8387	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	26180	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	290809	40.5	
81 Tetrachloroethene	166	5.978	5.978	0.000	88	510	0.2575	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	315769	50.0	
93 Ethylbenzene	106	7.502	7.502	0.000	97	1747	0.5365	
95 m-Xylene & p-Xylene	106	7.722	7.716	0.006	95	1659	0.4082	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	6263	0.6357	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	107862	53.9	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	195699	50.0	

Reagents:

8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D				
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5		
Client ID:	MW-9				
Sample Type:	Client				
Inject. Date:	24-Jul-2015 15:31:30	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-98395-B-5				
Misc. Info.:	460-0030007-022				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	27-Jul-2015 10:45:23	Calib Date:	20-Jun-2015 03:37:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK051				
First Level Reviewer: desais		Date:	27-Jul-2015 10:44:40		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
78-78-4 Butane, 2-methyl-								
1.284	117196	7.61	61	91	700	C5H12	72	
79-29-8 Butane, 2,3-dimethyl-								
1.876	77936	5.06	61	90	1807	C6H14	86	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 61 Fluorobenzene	3.900	769772	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

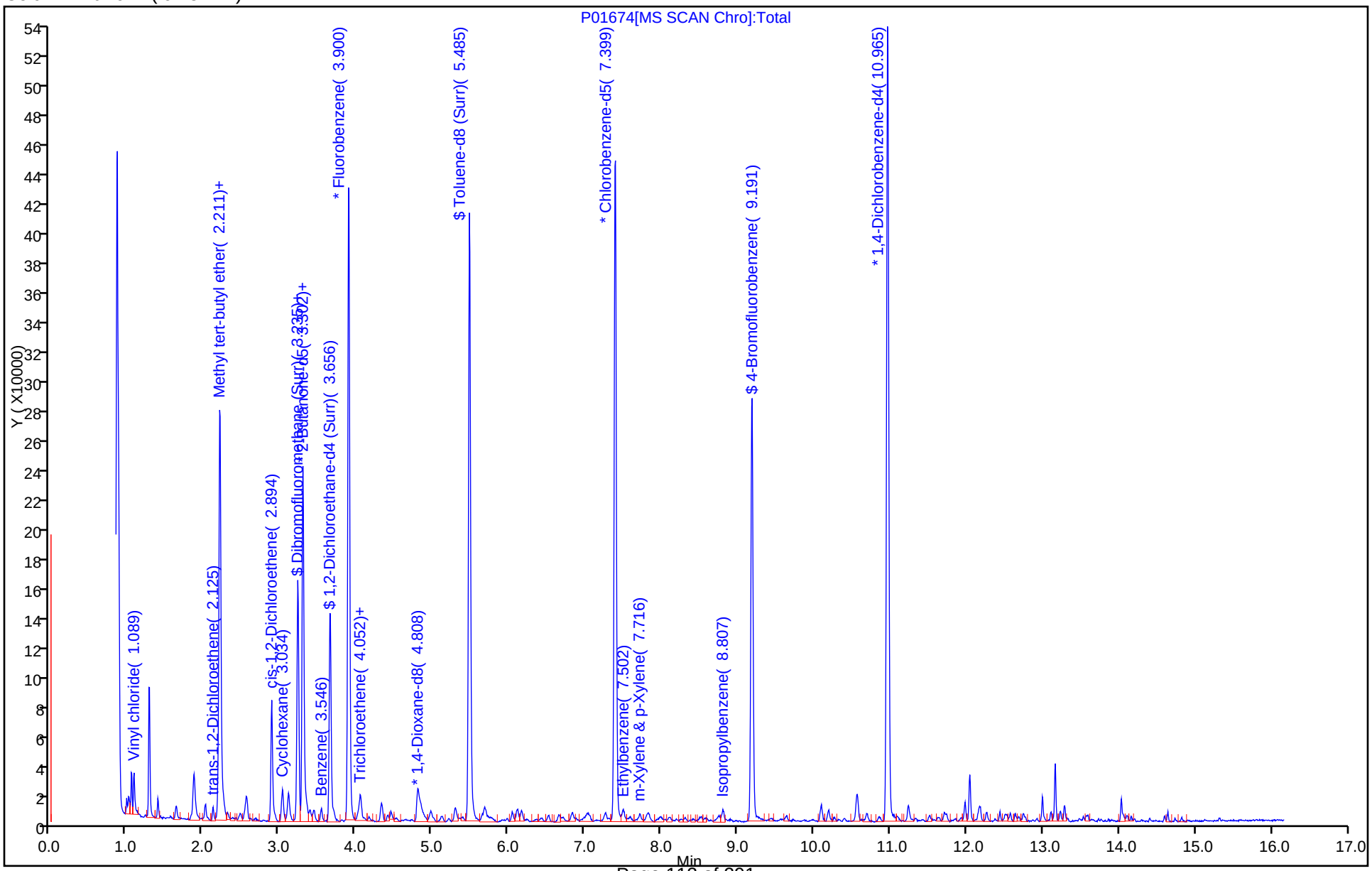
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5	Worklist Smp#:	22
Client ID:	MW-9				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



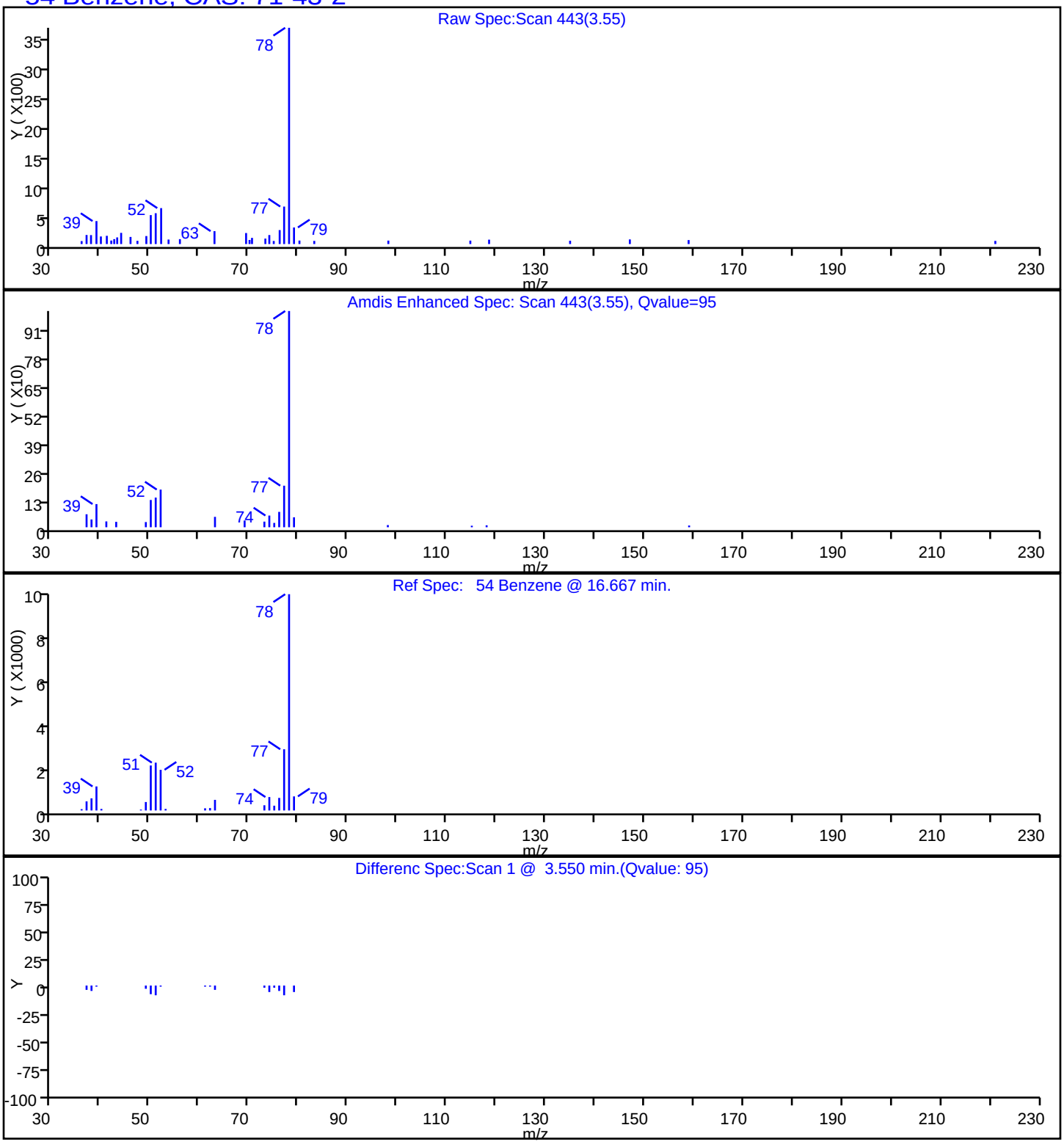
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

54 Benzene, CAS: 71-43-2



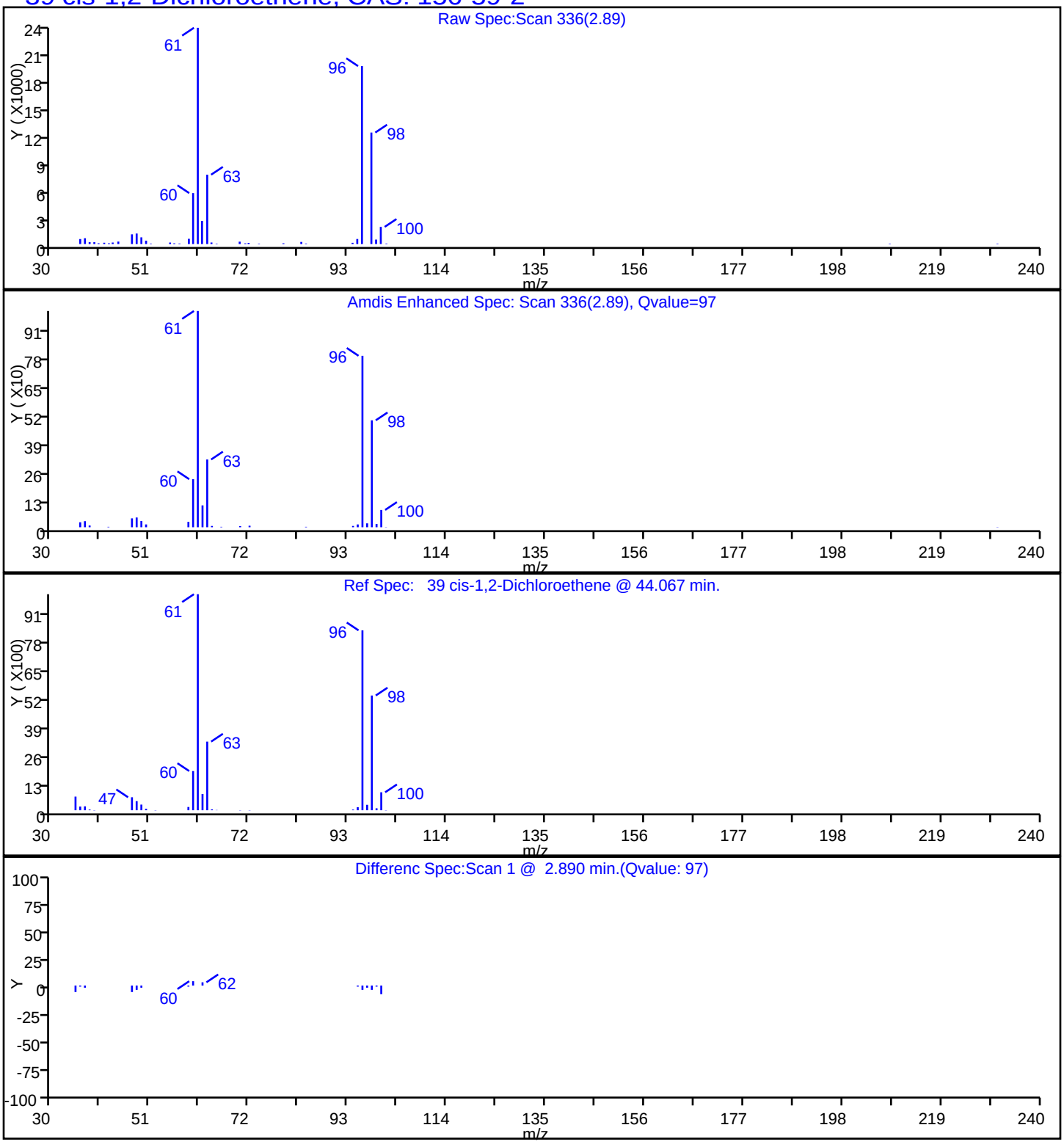
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



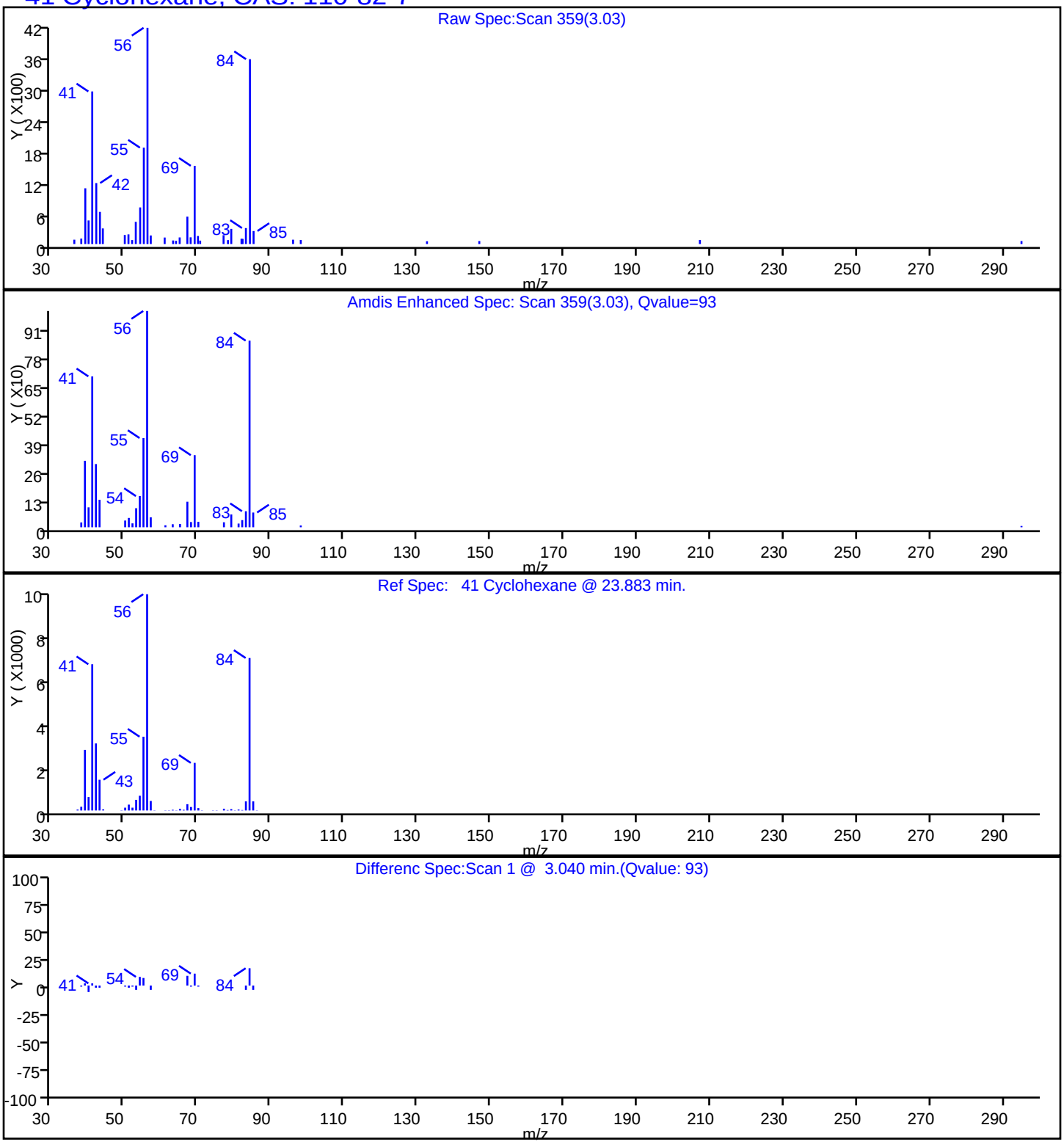
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

41 Cyclohexane, CAS: 110-82-7



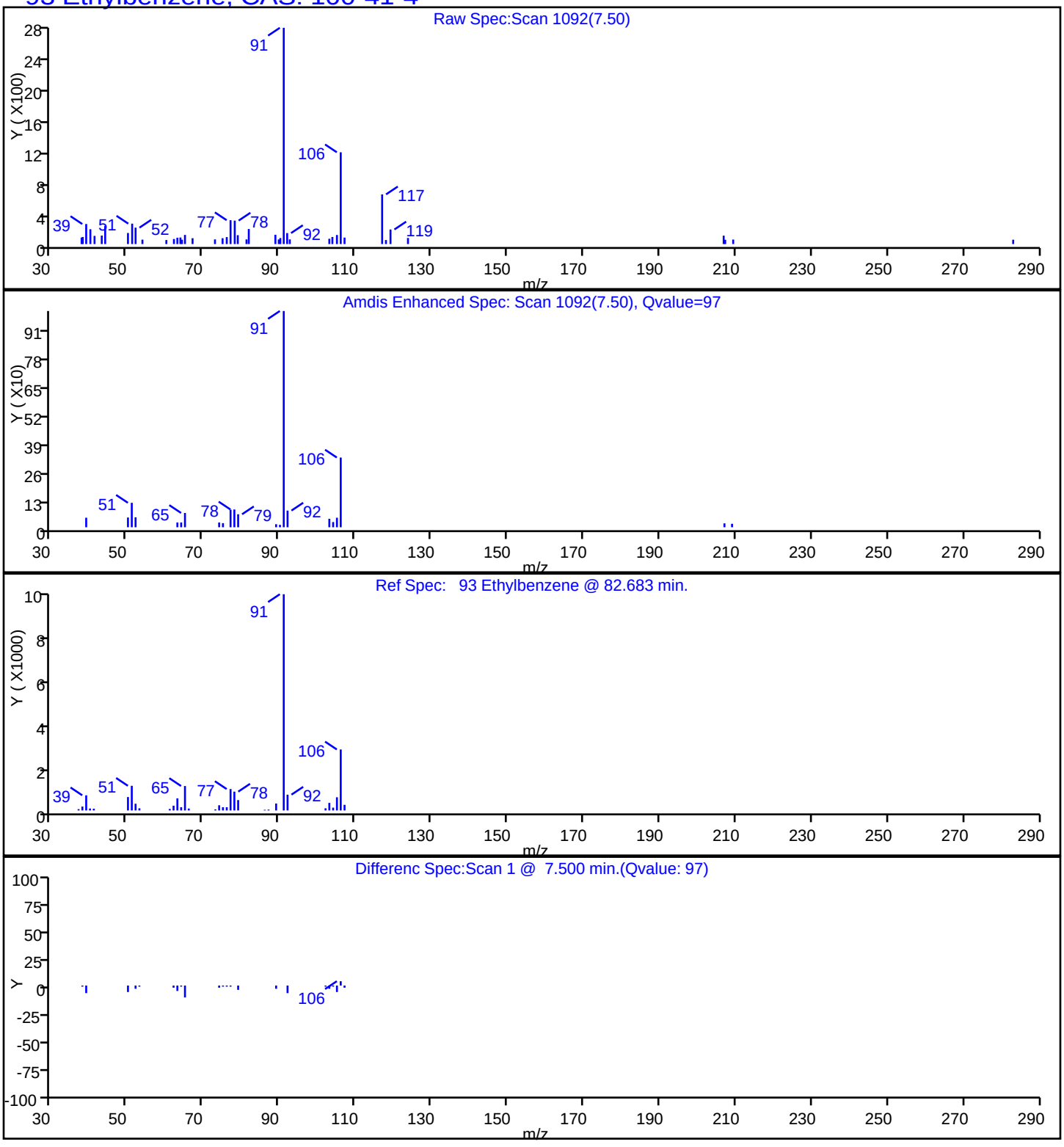
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

93 Ethylbenzene, CAS: 100-41-4



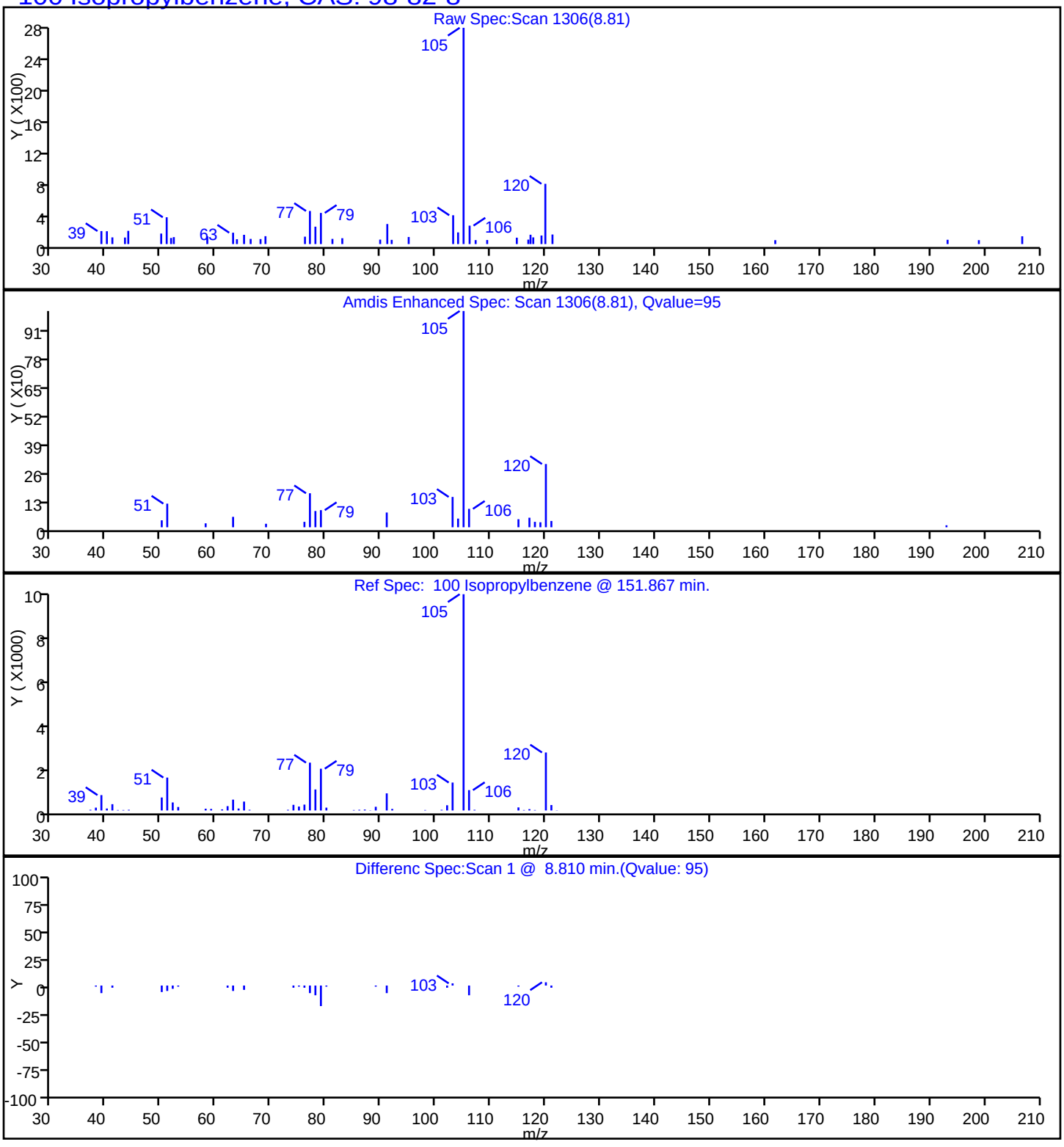
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

100 Isopropylbenzene, CAS: 98-82-8



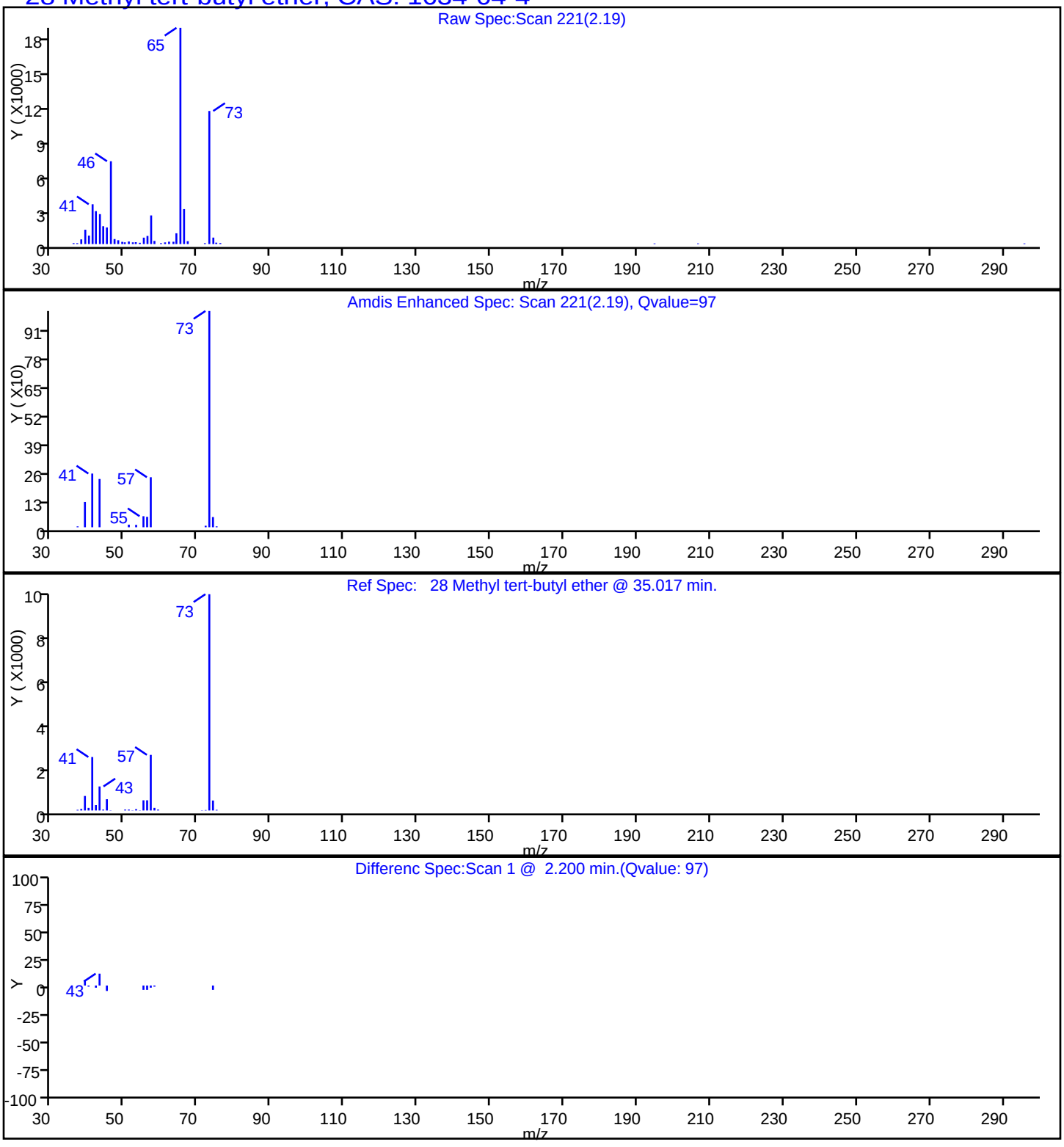
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

28 Methyl tert-butyl ether, CAS: 1634-04-4



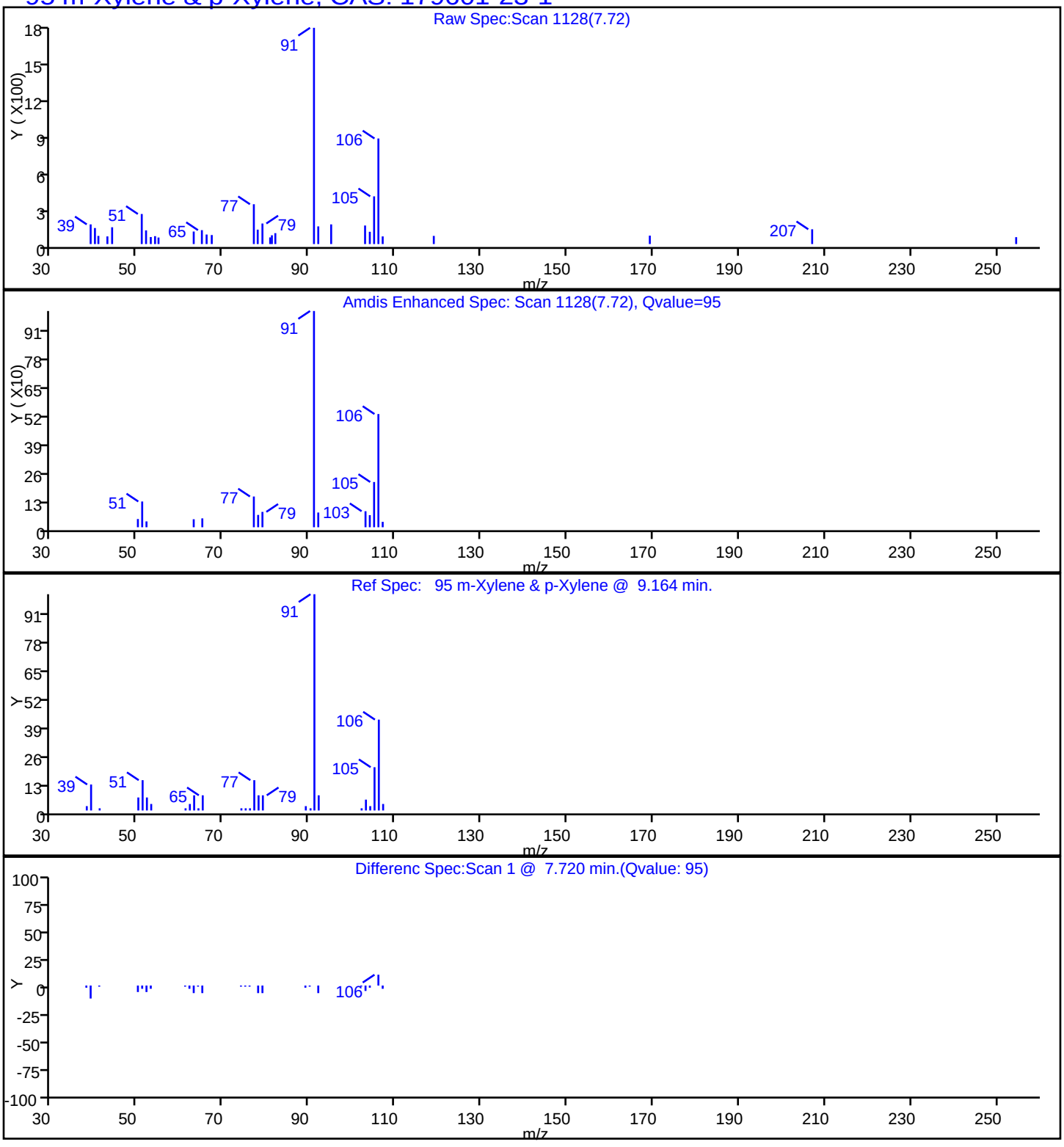
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



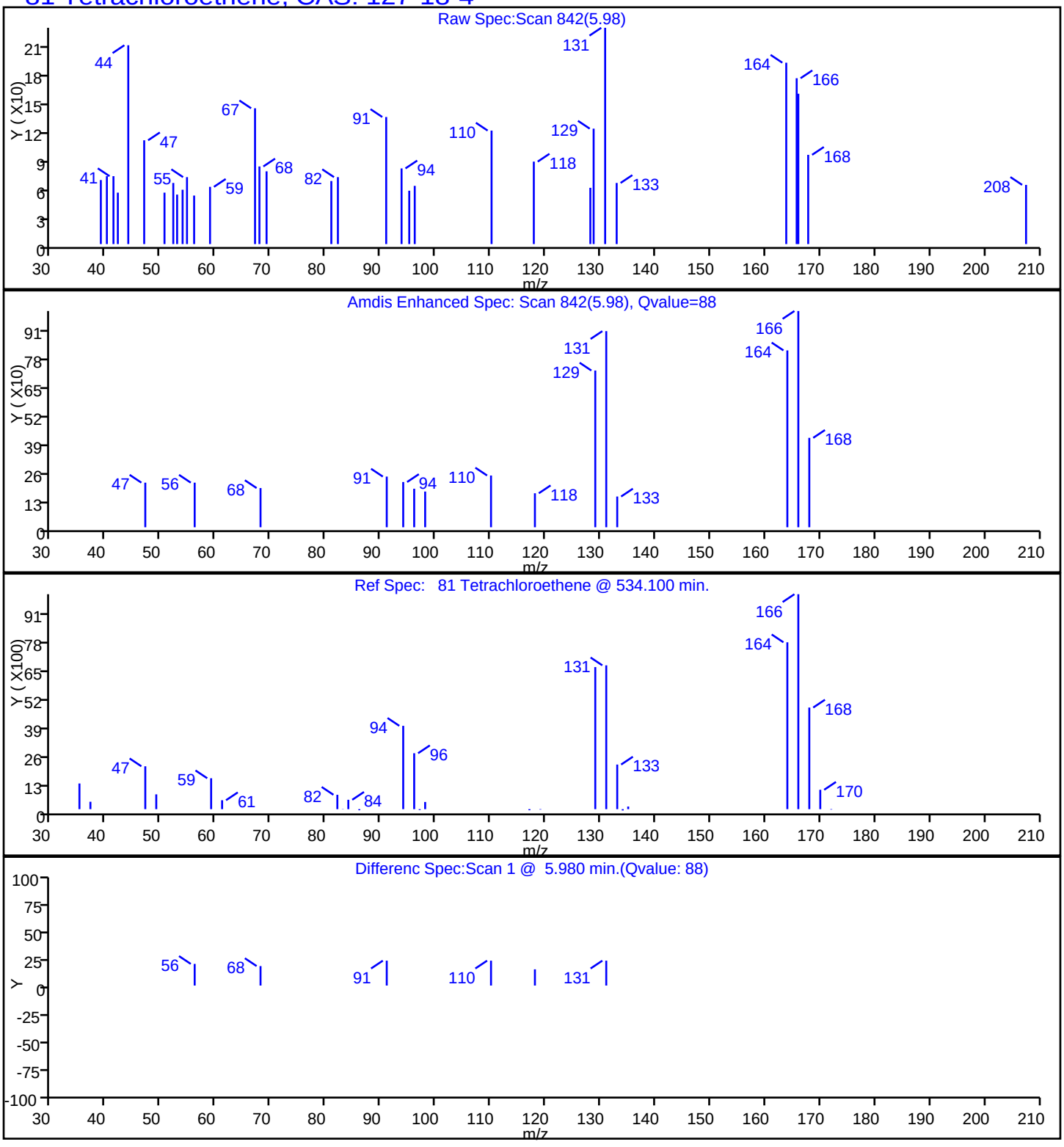
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



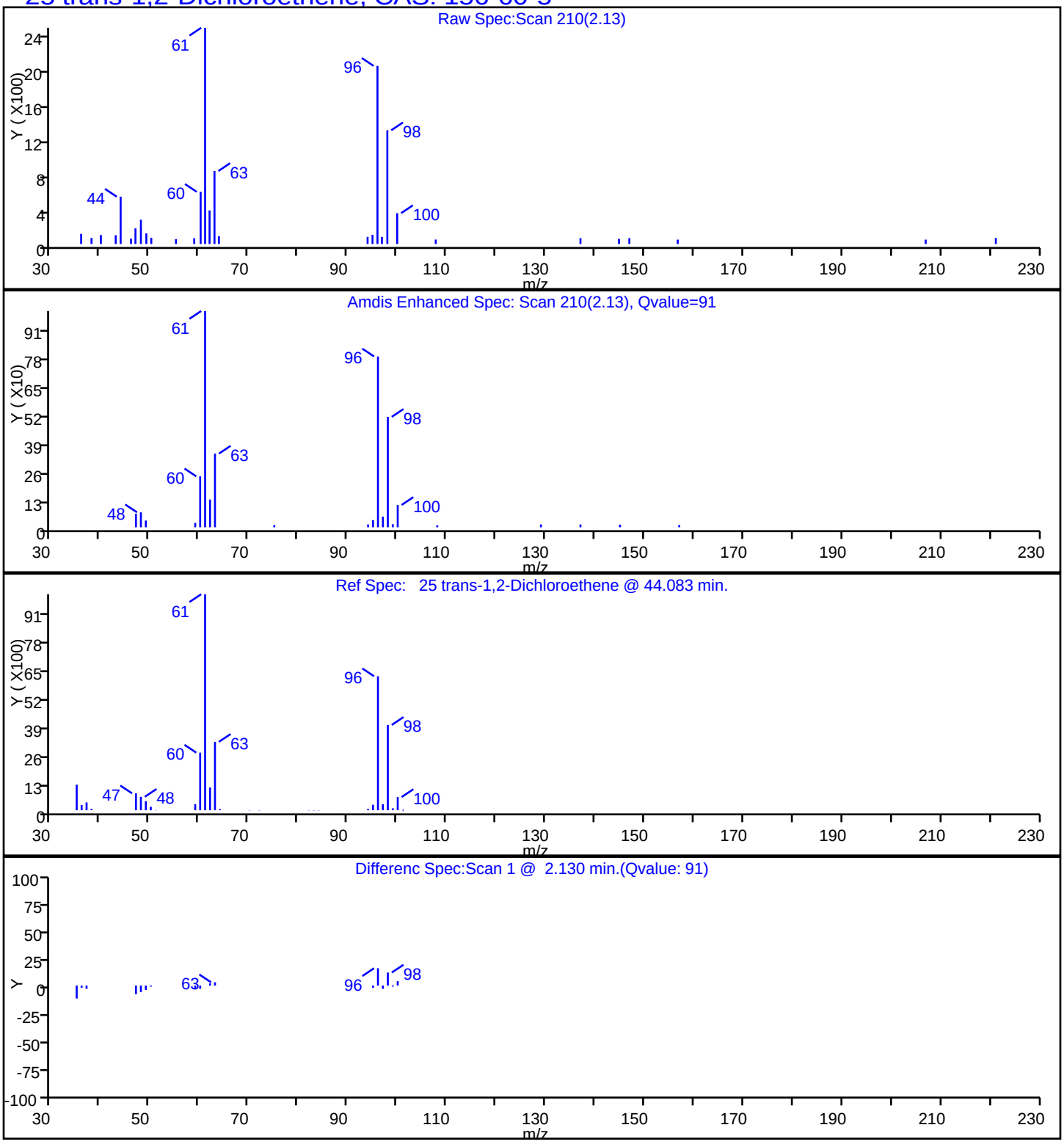
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

25 trans-1,2-Dichloroethene, CAS: 156-60-5



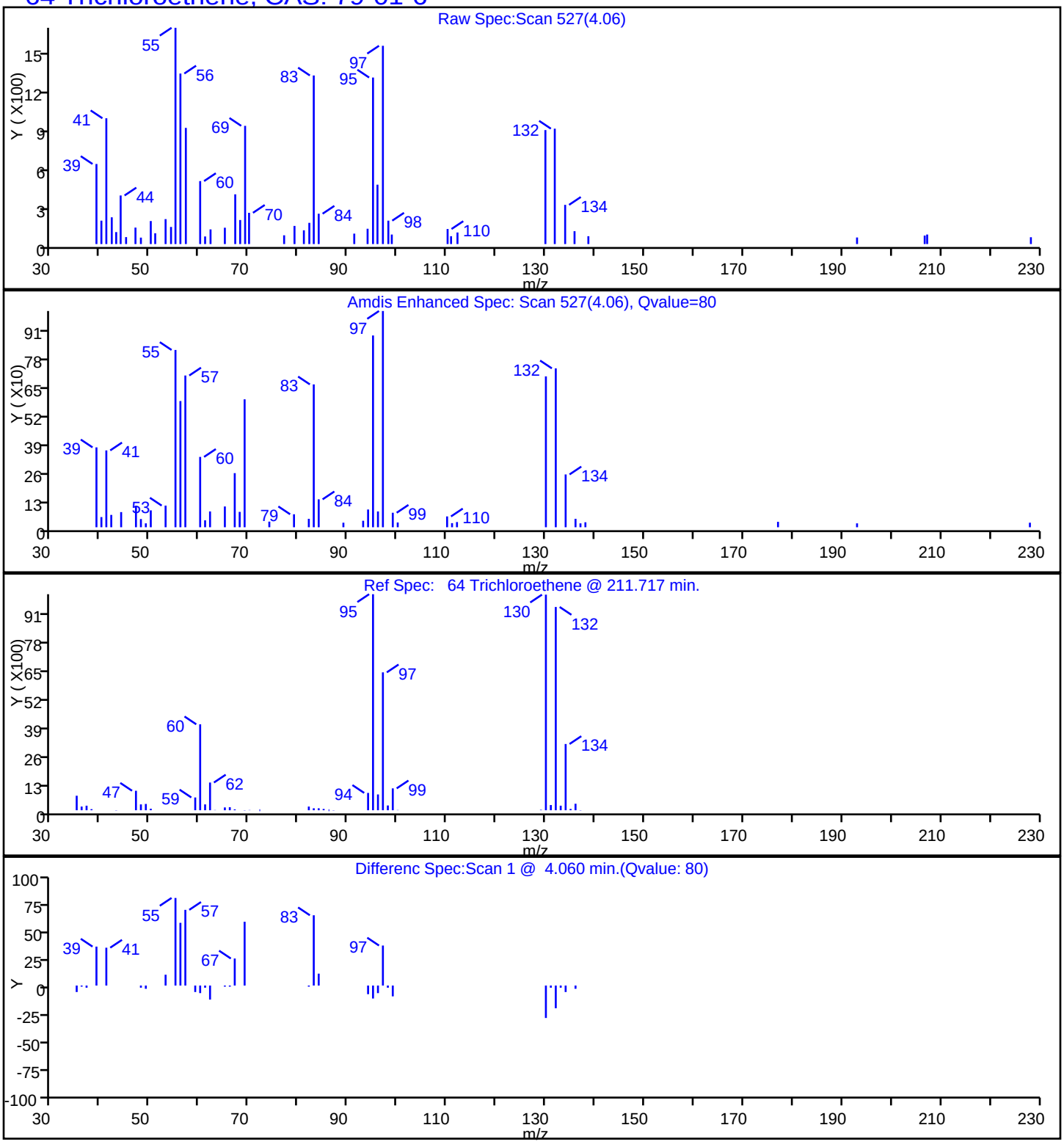
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



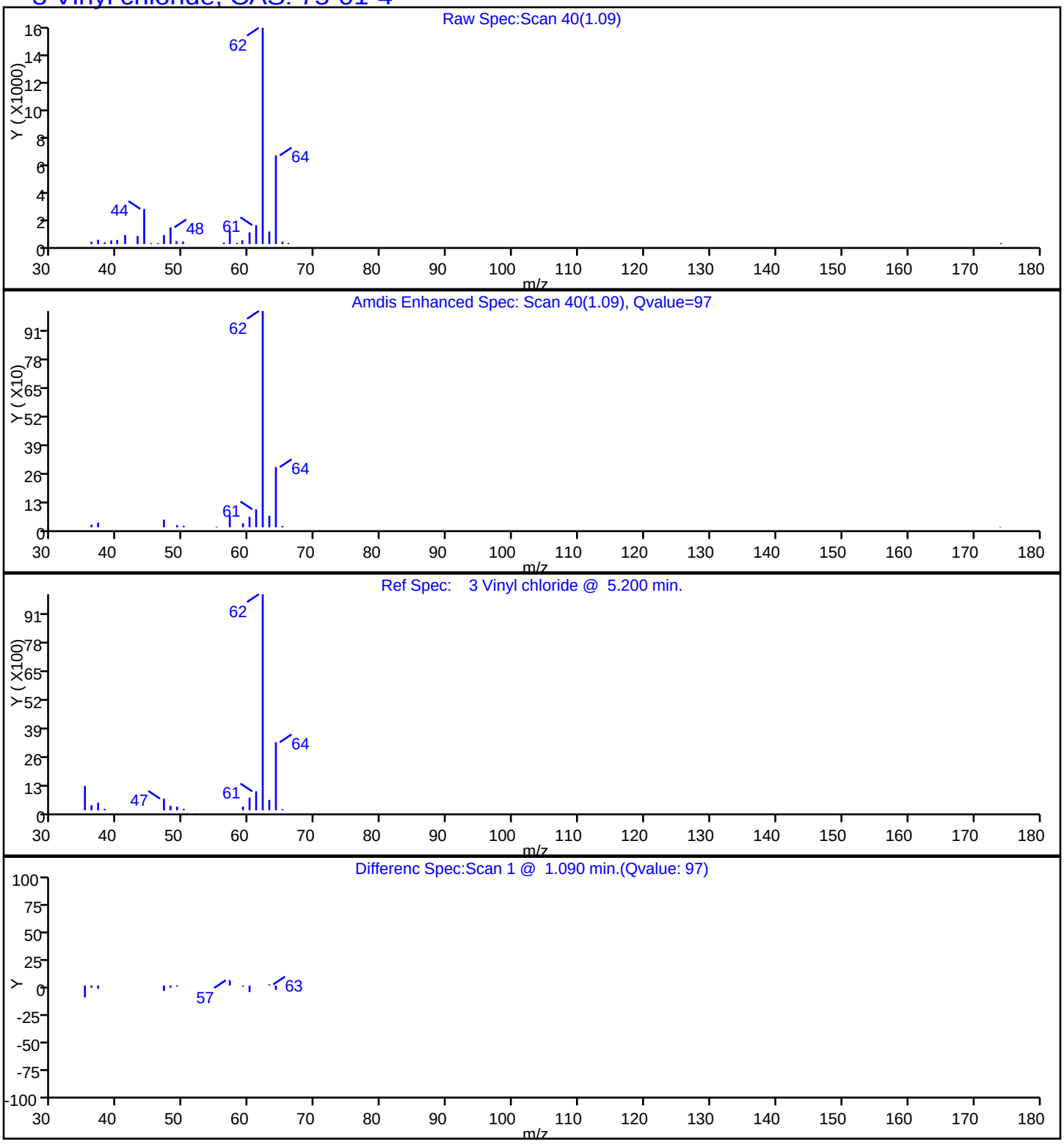
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

3 Vinyl chloride, CAS: 75-01-4



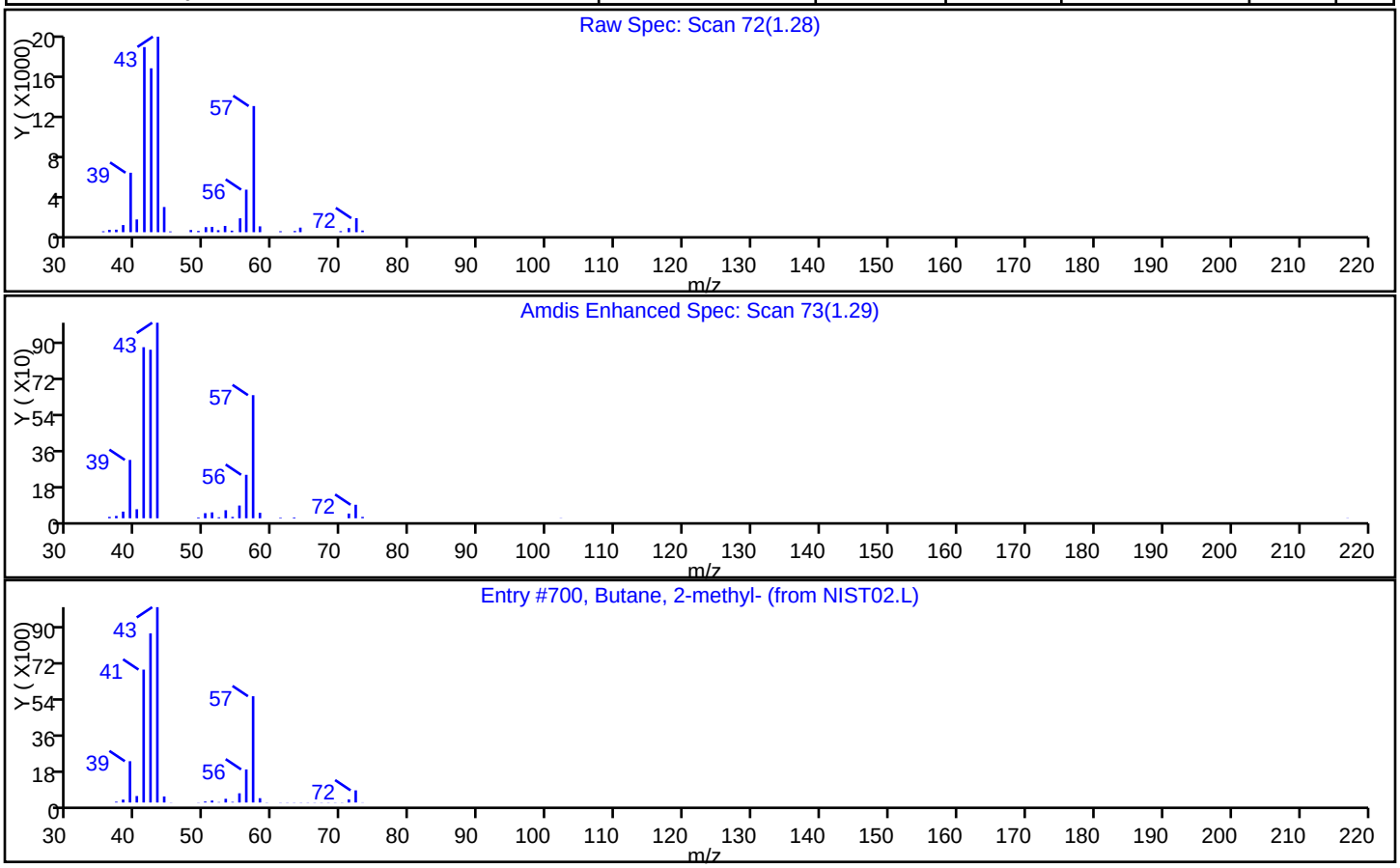
Report Date: 27-Jul-2015 10:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date:	24-Jul-2015 15:31:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-5	Lab Sample ID:	460-98395-5
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST02	700	C5H12	72	91



Report Date: 27-Jul-2015 10:52:08 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01674.D

Injection Date: 24-Jul-2015 15:31:30 Instrument ID: CVOAMS13

Lims ID: 460-98395-B-5 Lab Sample ID: 460-98395-5

Client ID: MW-9

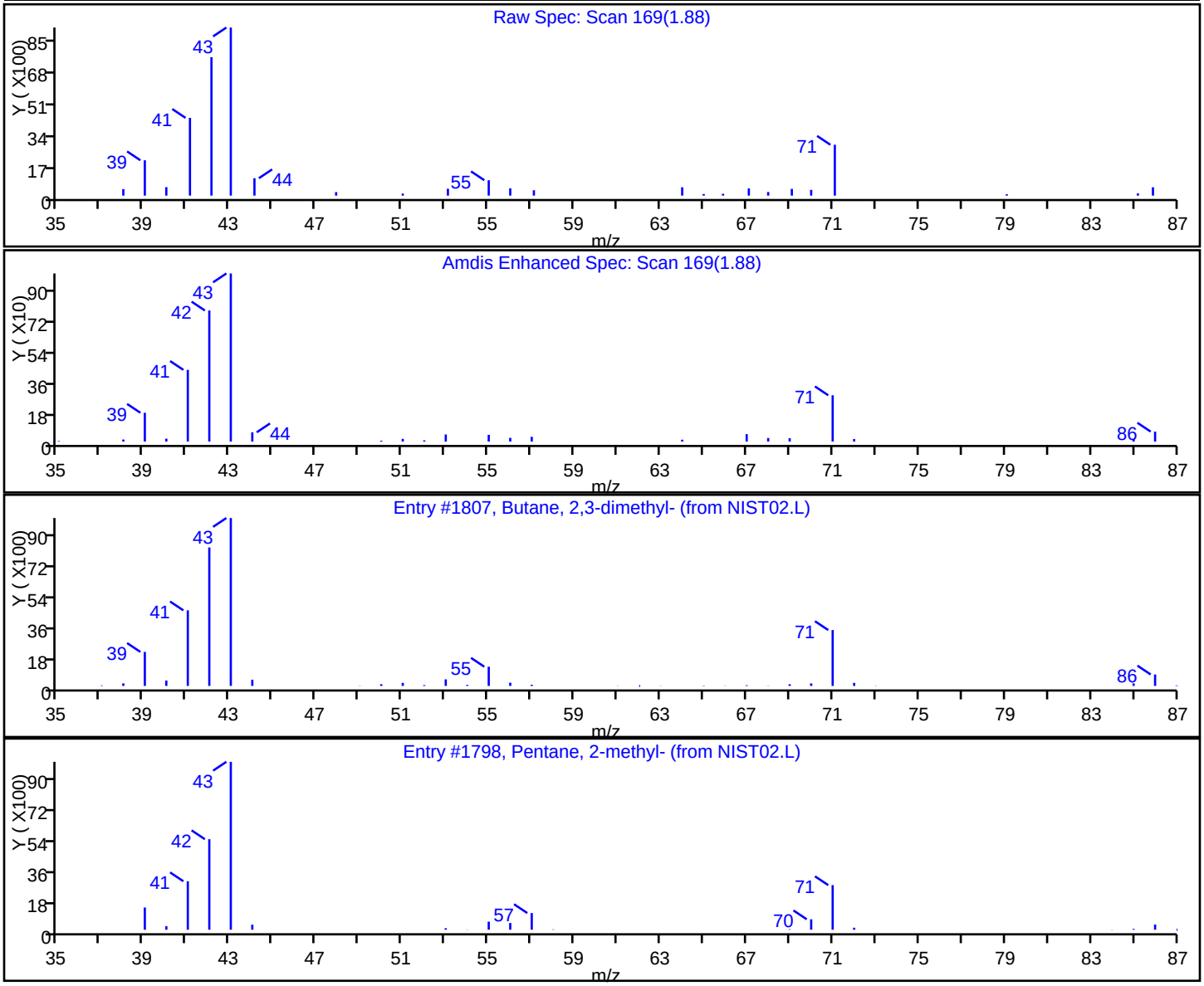
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2,3-dimethyl-	79-29-8	NIST02	1807	C6H14	86	90
Pentane, 2-methyl-	107-83-5	NIST02.L	1798	C6H14	86	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-45 | Lab Sample ID: 460-98395-6

Matrix: Water | Lab File ID: P01675.D

Analysis Method: 8260C | Date Collected: 07/21/2015 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	0.28	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	3.8		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-45 | Lab Sample ID: 460-98395-6

Matrix: Water | Lab File ID: P01675.D

Analysis Method: 8260C | Date Collected: 07/21/2015 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	0.65	J	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.2		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.50	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-45 Lab Sample ID: 460-98395-6

Matrix: Water Lab File ID: P01675.D

Analysis Method: 8260C Date Collected: 07/21/2015 12:25

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:56

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D
Lims ID: 460-98395-B-6 Lab Sample ID: 460-98395-6
Client ID: MW-45
Sample Type: Client
Inject. Date: 24-Jul-2015 15:56:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-B-6
Misc. Info.: 460-0030007-023
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:45:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	96	4057	0.6541	
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	100	306794	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	99	7714	3.77	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	76402	50.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	282105	250.0	
54 Benzene	78	3.546	3.546	0.000	94	2678	0.2758	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	91852	48.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	376406	50.0	
64 Trichloroethene	130	4.058	4.058	0.000	86	982	0.5009	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	92	28223	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.491	5.485	0.006	99	280544	39.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	94	2360	1.19	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	315973	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	102970	51.4	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	193825	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

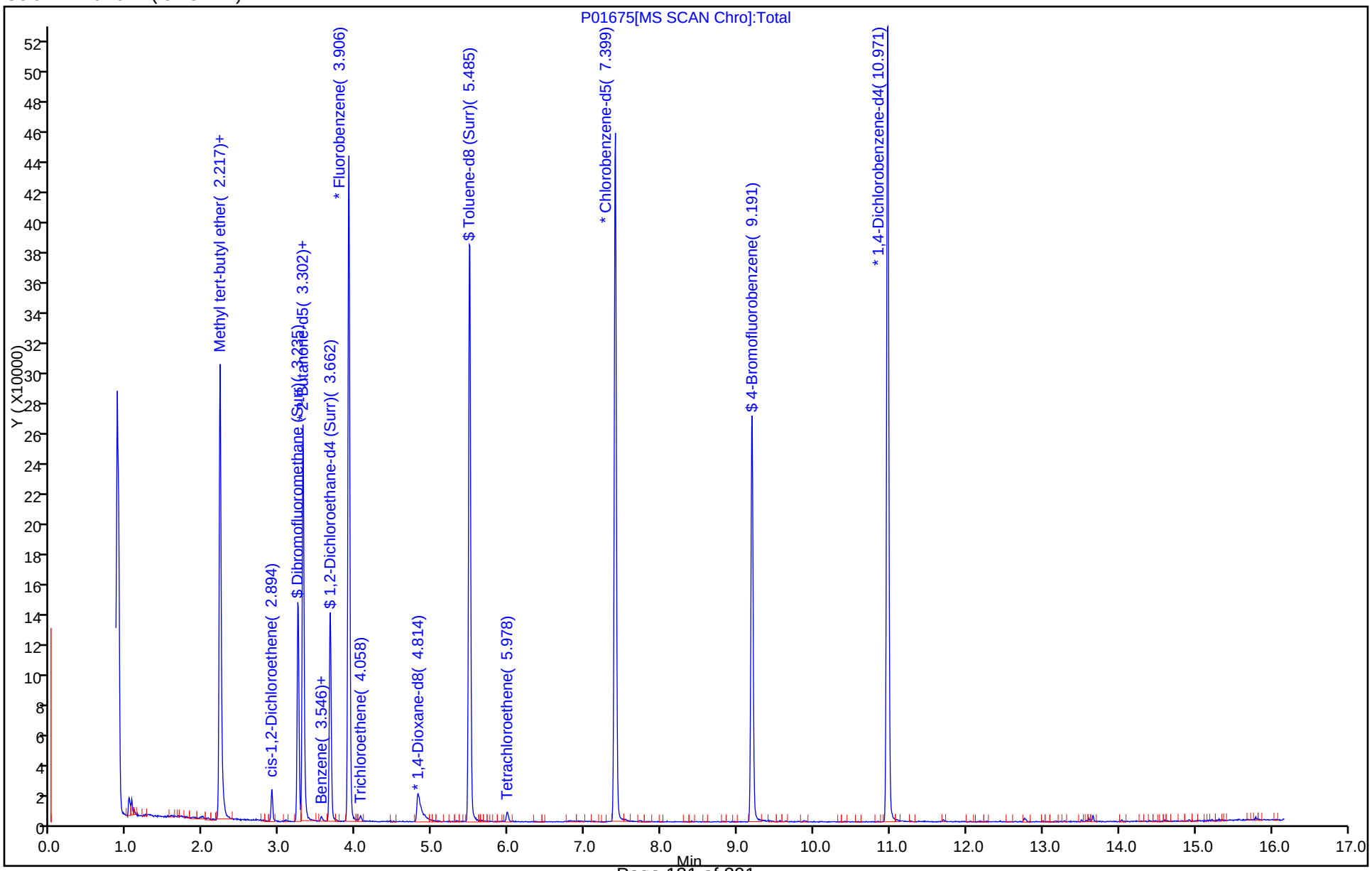
Report Date: 27-Jul-2015 10:52:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D

Injection Date:	24-Jul-2015 15:56:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-B-6	Lab Sample ID:	460-98395-6	Worklist Smp#:	23
Client ID:	MW-45				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



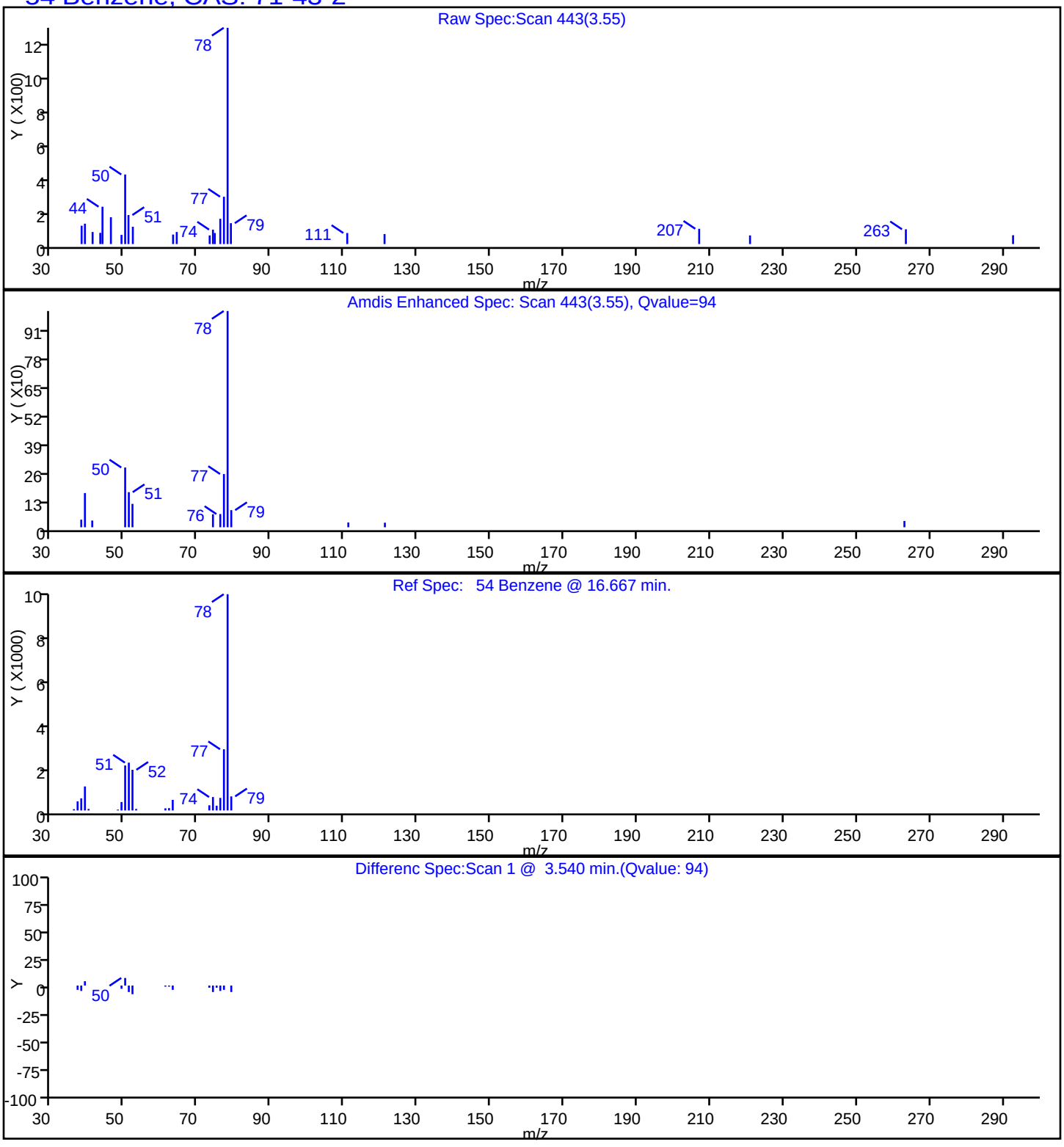
Report Date: 27-Jul-2015 10:52:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D

Injection Date:	24-Jul-2015 15:56:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-6	Lab Sample ID:	460-98395-6
Client ID:	MW-45		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

54 Benzene, CAS: 71-43-2



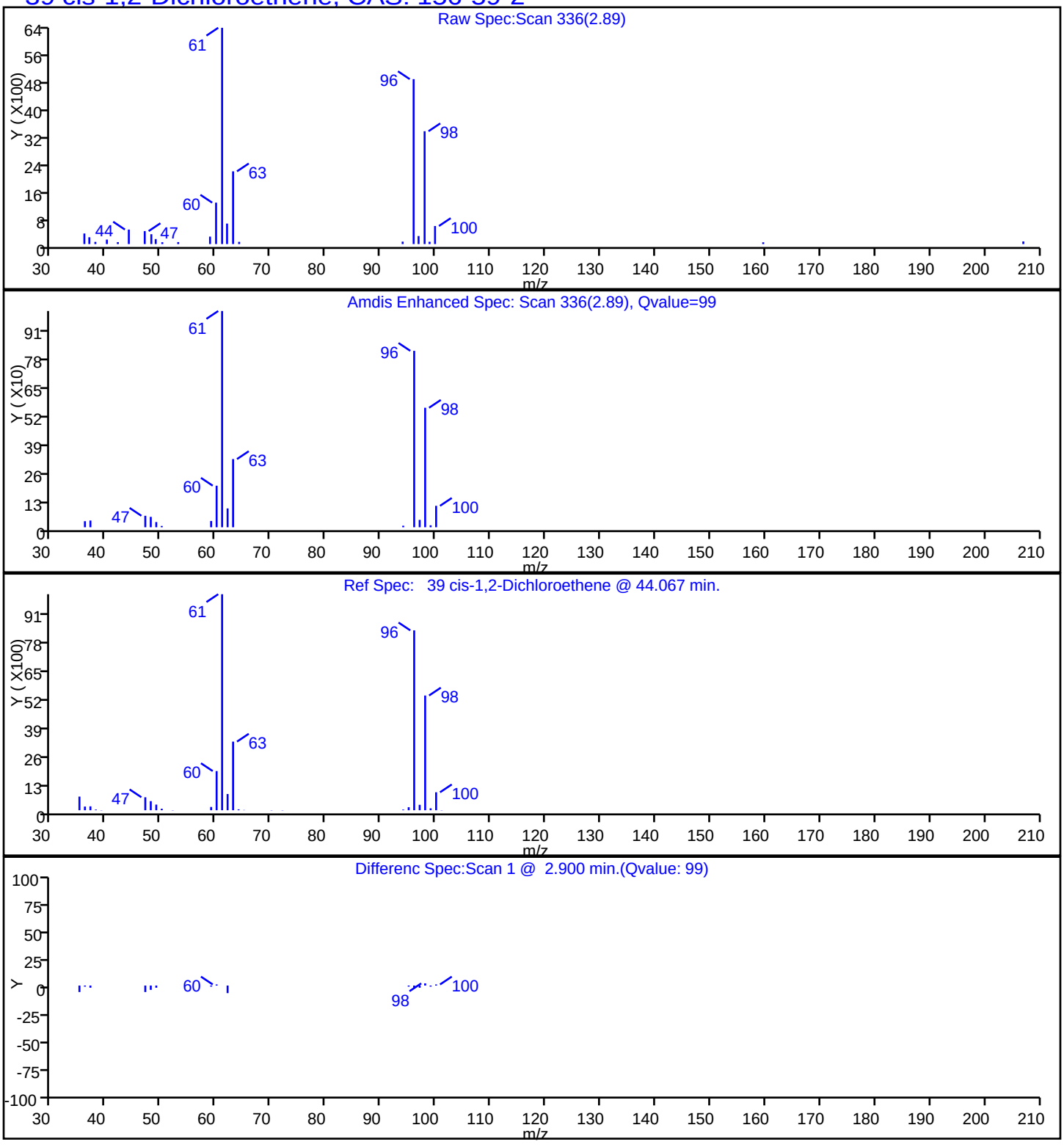
Report Date: 27-Jul-2015 10:52:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D

Injection Date:	24-Jul-2015 15:56:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-6	Lab Sample ID:	460-98395-6		
Client ID:	MW-45				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



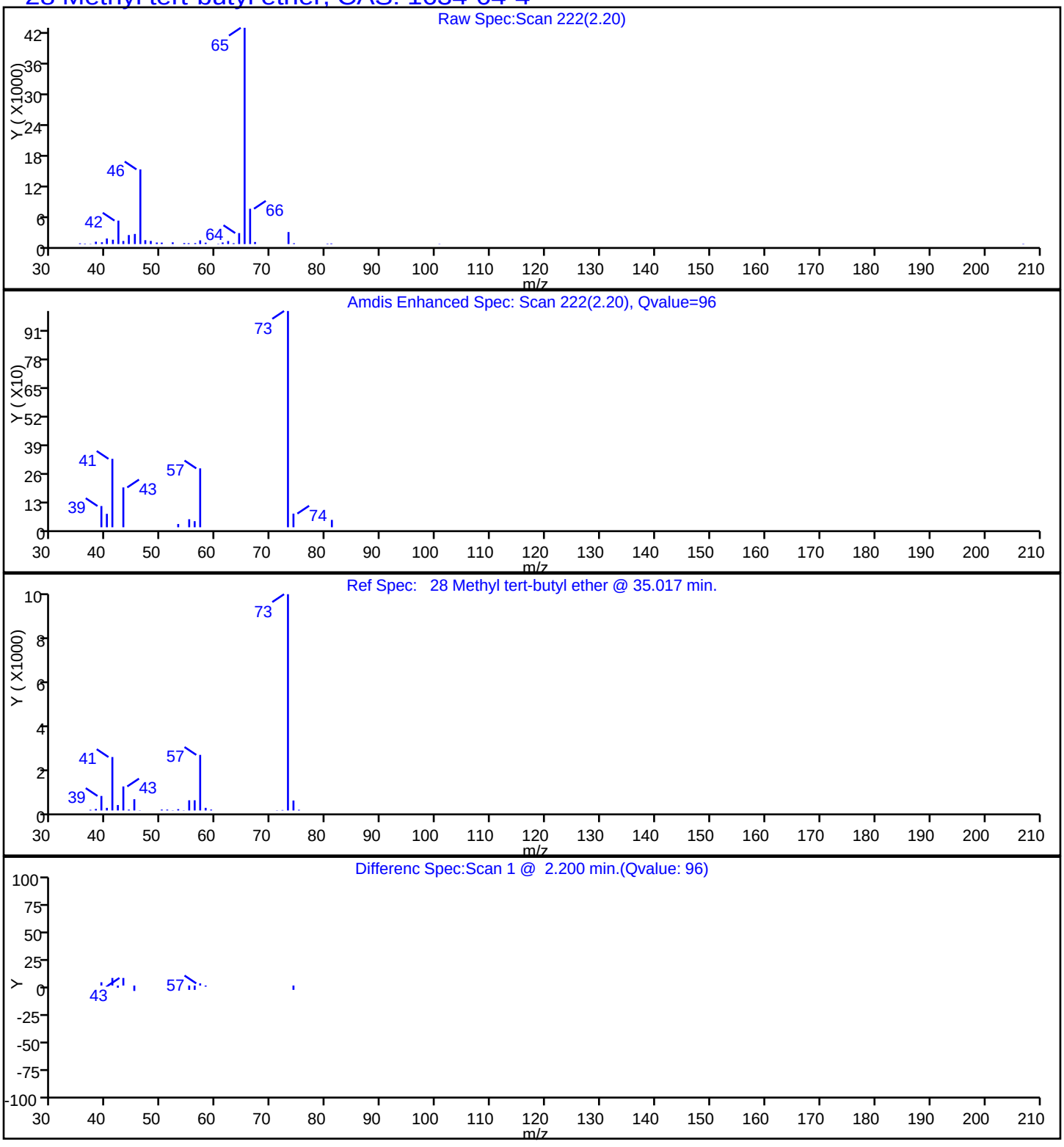
Report Date: 27-Jul-2015 10:52:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D

Injection Date:	24-Jul-2015 15:56:30	Instrument ID:	CVOAMS13
Lims ID:	460-98395-B-6	Lab Sample ID:	460-98395-6
Client ID:	MW-45		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

28 Methyl tert-butyl ether, CAS: 1634-04-4



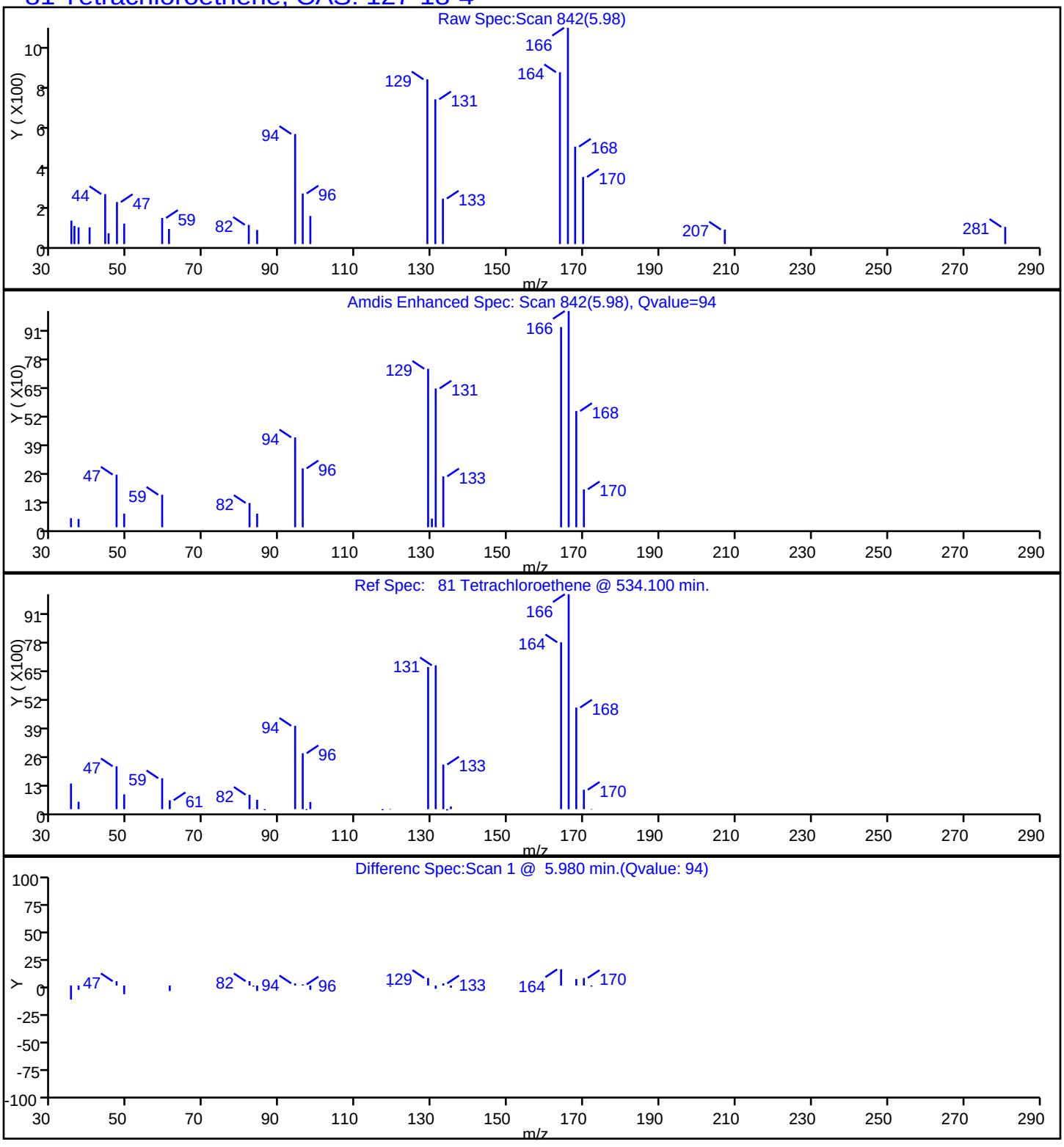
Report Date: 27-Jul-2015 10:52:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D

Injection Date:	24-Jul-2015 15:56:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-6	Lab Sample ID:	460-98395-6		
Client ID:	MW-45				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



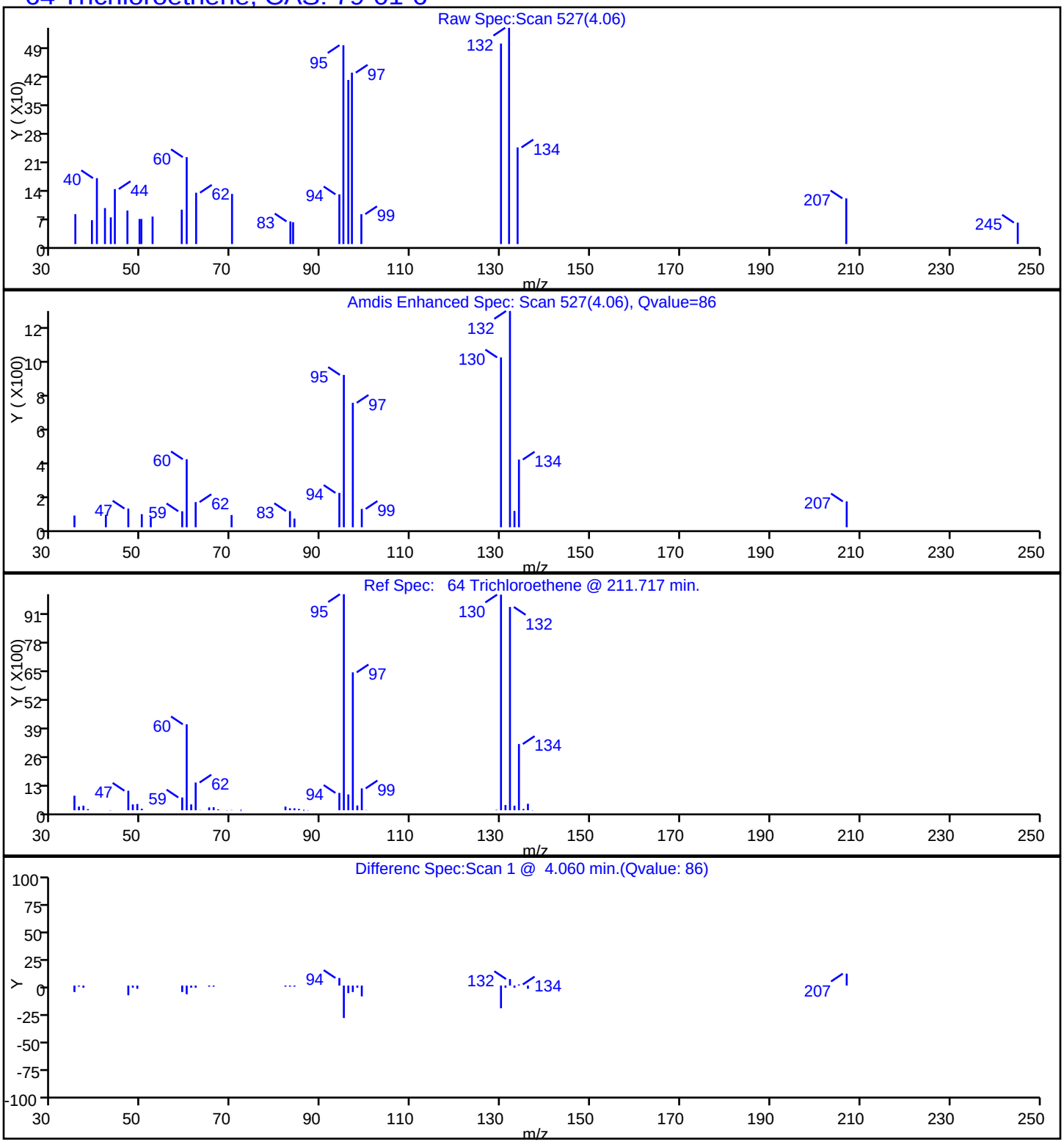
Report Date: 27-Jul-2015 10:52:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01675.D

Injection Date:	24-Jul-2015 15:56:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98395-B-6	Lab Sample ID:	460-98395-6		
Client ID:	MW-45				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-27 | Lab Sample ID: 460-98395-7

Matrix: Water | Lab File ID: P01676.D

Analysis Method: 8260C | Date Collected: 07/21/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 16:21

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-27 | Lab Sample ID: 460-98395-7

Matrix: Water | Lab File ID: P01676.D

Analysis Method: 8260C | Date Collected: 07/21/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 16:21

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	106		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-27 Lab Sample ID: 460-98395-7

Matrix: Water Lab File ID: P01676.D

Analysis Method: 8260C Date Collected: 07/21/2015 13:42

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 16:21

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01676.D
Lims ID: 460-98395-C-7 Lab Sample ID: 460-98395-7
Client ID: MW-27
Sample Type: Client
Inject. Date: 24-Jul-2015 16:21:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-C-7
Misc. Info.: 460-0030007-024
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:45:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	99	319589	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	77522	50.5	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	288025	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	91158	47.7	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	379170	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	94	30487	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	284081	39.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	316074	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	106389	53.1	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	190937	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

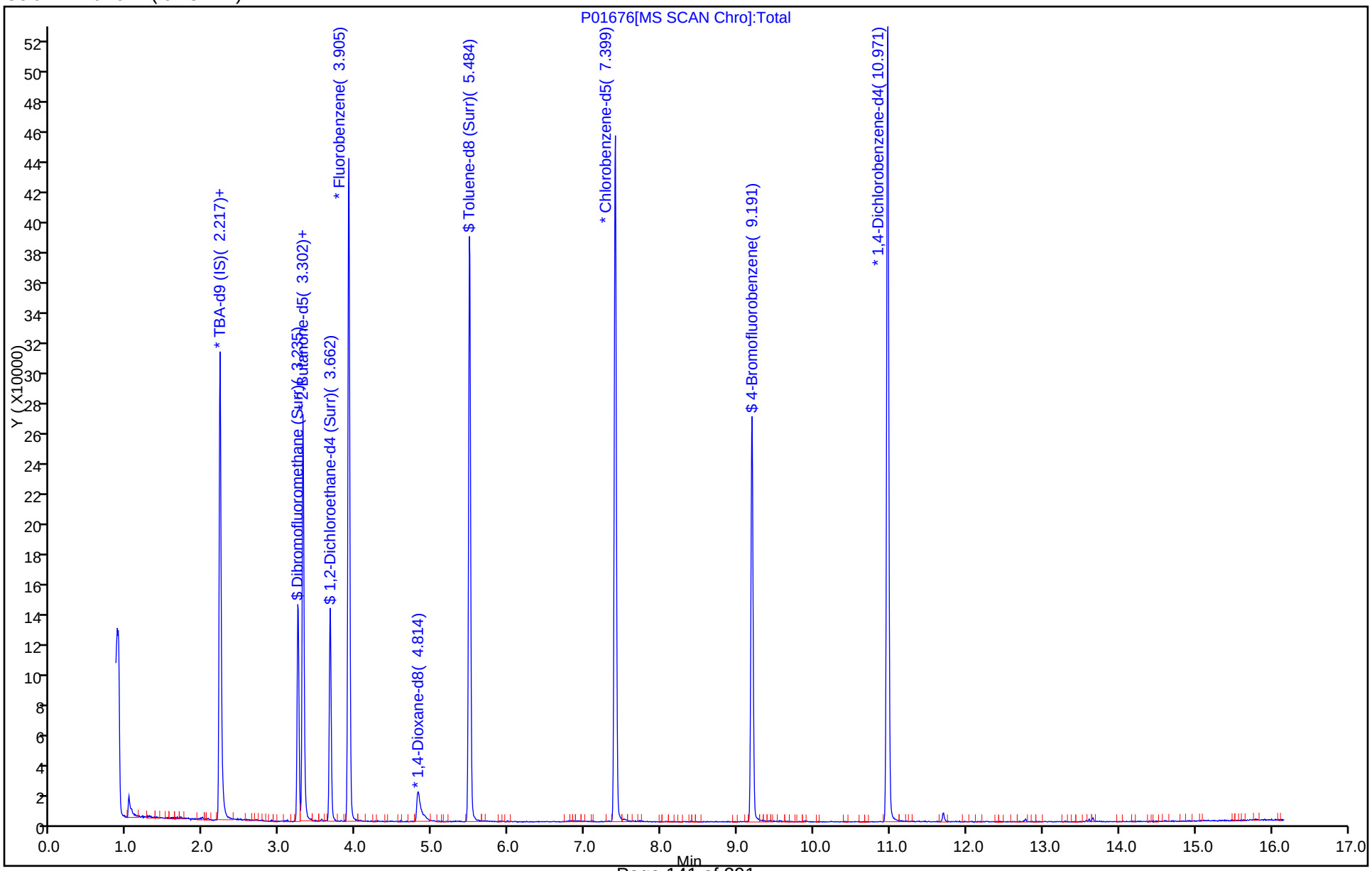
Report Date: 27-Jul-2015 10:52:10 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01676.D

Injection Date:	24-Jul-2015 16:21:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-C-7	Lab Sample ID:	460-98395-7	Worklist Smp#:	24
Client ID:	MW-27				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 460-98395-8

Matrix: Water | Lab File ID: P01665.D

Analysis Method: 8260C | Date Collected: 07/21/2015 14:07

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 11:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 460-98395-8

Matrix: Water | Lab File ID: P01665.D

Analysis Method: 8260C | Date Collected: 07/21/2015 14:07

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 11:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-2 Lab Sample ID: 460-98395-8

Matrix: Water Lab File ID: P01665.D

Analysis Method: 8260C Date Collected: 07/21/2015 14:07

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 11:44

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01665.D
Lims ID: 460-98395-C-8 Lab Sample ID: 460-98395-8
Client ID: FB-2
Sample Type: Client
Inject. Date: 24-Jul-2015 11:44:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-C-8
Misc. Info.: 460-0030007-013
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jul-2015 13:18:09 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 24-Jul-2015 13:17:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	99	320478	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	77979	51.5	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	290223	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	93641	49.7	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	373741	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	93	28896	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	282892	40.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	308371	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	105892	54.2	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	187440	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

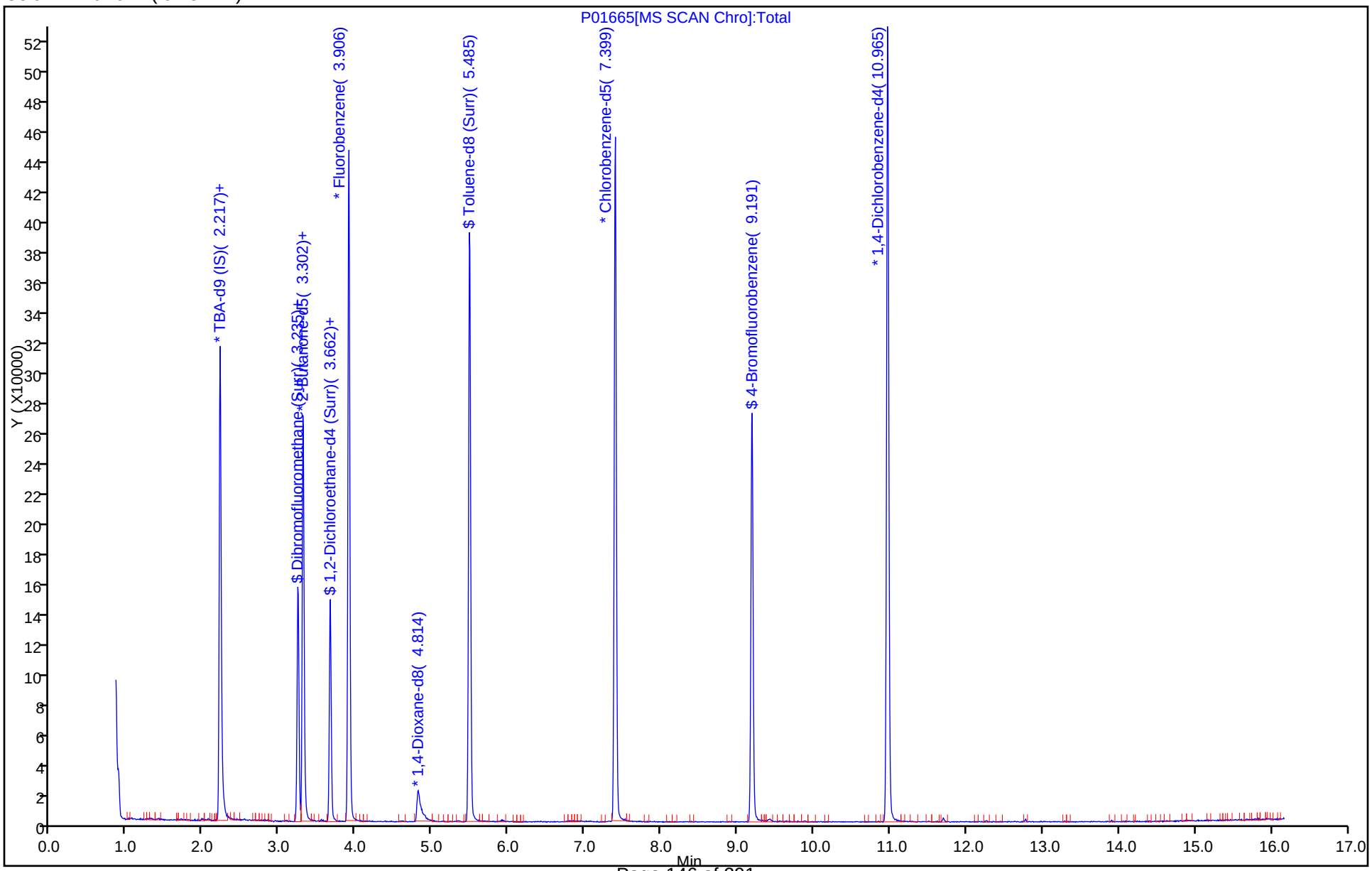
Report Date: 24-Jul-2015 13:18:34 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01665.D

Injection Date:	24-Jul-2015 11:44:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-C-8	Lab Sample ID:	460-98395-8	Worklist Smp#:	13
Client ID:	FB-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: TB-1 | Lab Sample ID: 460-98395-9

Matrix: Water | Lab File ID: P01666.D

Analysis Method: 8260C | Date Collected: 07/21/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 12:09

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U *	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: TB-1 | Lab Sample ID: 460-98395-9

Matrix: Water | Lab File ID: P01666.D

Analysis Method: 8260C | Date Collected: 07/21/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 12:09

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U *	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	109		64-135
1868-53-7	Dibromofluoromethane (Surr)	105		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: TB-1 Lab Sample ID: 460-98395-9

Matrix: Water Lab File ID: P01666.D

Analysis Method: 8260C Date Collected: 07/21/2015 00:00

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 12:09

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01666.D
Lims ID: 460-98395-A-9 Lab Sample ID: 460-98395-9
Client ID: TB-1
Sample Type: Client
Inject. Date: 24-Jul-2015 12:09:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98395-A-9
Misc. Info.: 460-0030007-014
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:39:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	99	274465	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	77404	52.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	249859	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	92390	50.2	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	365040	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	95	26417	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	280804	40.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	304708	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	105259	54.5	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	184827	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

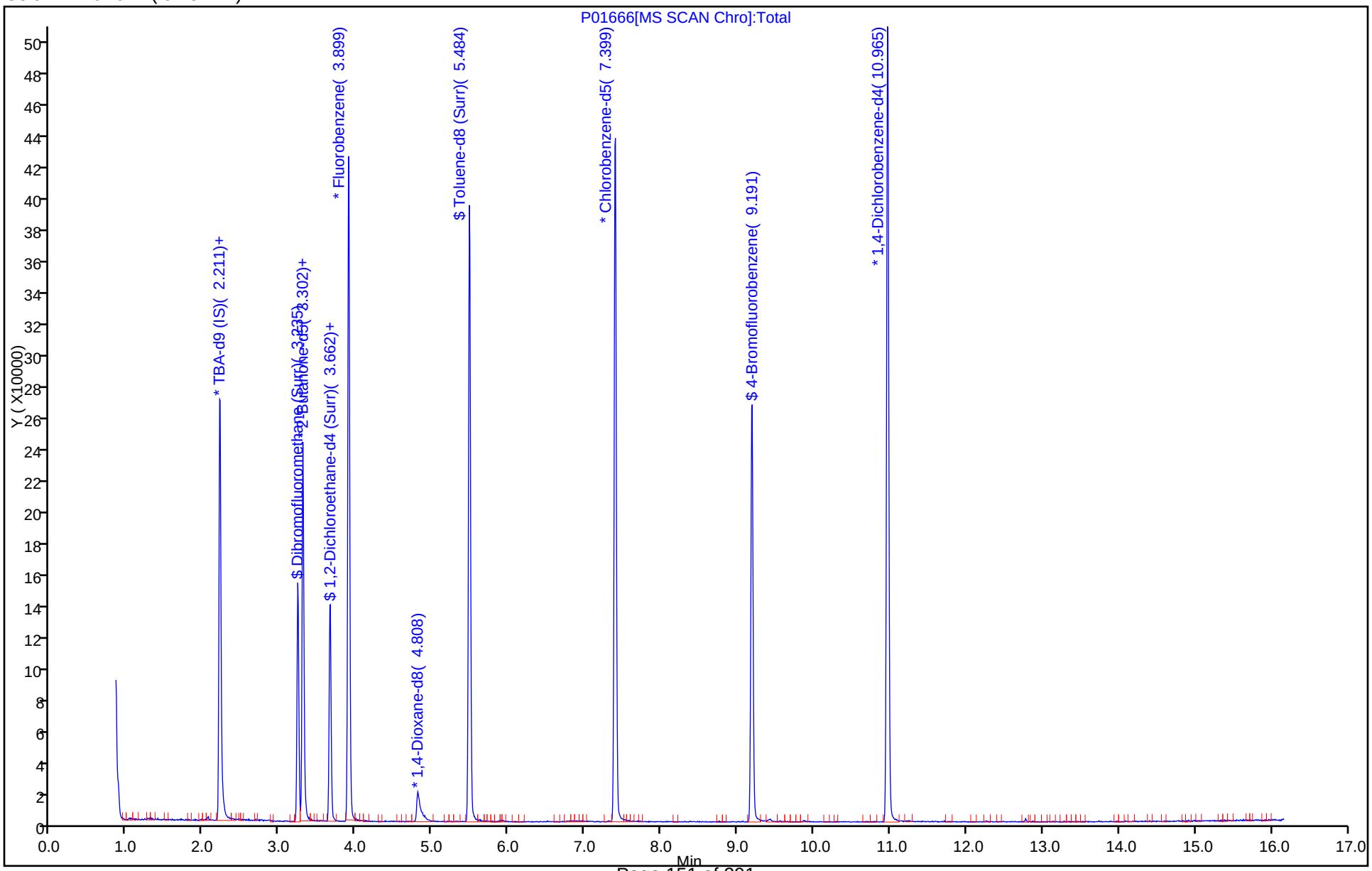
Report Date: 27-Jul-2015 10:51:52 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01666.D

Injection Date:	24-Jul-2015 12:09:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98395-A-9	Lab Sample ID:	460-98395-9	Worklist Smp#:	14
Client ID:	TB-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-305952/12	P00404.D
Level 2	STD05 460-305952/17	P00409.D
Level 3	STD1 460-305952/18	P00410.D
Level 4	STD5 460-305952/5	P00397.D
Level 5	STD20 460-305952/6	P00398.D
Level 6	STD50 460-305952/7	P00399.D
Level 7	STD200 460-305952/8	P00400.D
Level 8	STD500 460-305952/9	P00401.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0335	0.0808 0.0361	0.0463 0.0376	0.0299	0.0289	QuaF		0.0347	0.0000057						1.0000		0.9900
Dichlorodifluoromethane	+++++ 0.3079	0.2600 0.2897	0.3007 0.2897	0.3452	0.2911	Ave		0.2978			0.1000	8.6		20.0			
Chloromethane	+++++ 0.2763	0.2879 0.2727	0.3040 0.2727	0.3031	0.2641	Ave		0.2830			0.1000	5.6		20.0			
Vinyl chloride	+++++ 0.3248	0.3483 0.3226	0.3319 0.3207	0.3535	0.3114	Ave		0.3305			0.1000	4.6		20.0			
Butadiene	+++++ 0.3198	0.3621 0.3032	0.3212 0.2992	0.3434	0.2996	Ave		0.3212				7.5		20.0			
Bromomethane	+++++ 4.8952	7.2537 5.8324	6.5653 7.0662	4.0413	4.0756	Qua2	1.6398	4.2462	0.0059658		0.1000				0.9910		0.9900
Chloroethane	+++++ 0.2114	0.2943 0.2057	0.2842 0.1767	0.2406	0.1994	Qua2	0.0430	0.2198	-0.000086		0.1000				0.9940		0.9900
Pentane	+++++ 1.6614	2.7294 1.5916	2.5360 1.6247	1.9150	1.3755	Qua	1.1719	1.5714	0.0000520						1.0000		0.9900
Trichlorofluoromethane	+++++ 0.4017	0.4011 0.3933	0.4400 0.3963	0.4355	0.3813	Ave		0.4070			0.1000	5.4		20.0			
Dichlorofluoromethane	+++++ 0.5023	0.6336 0.5001	0.6520 0.4909	0.5859	0.4932	Ave		0.5511				12.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3675	0.4501 0.3815	0.4422 0.3700	0.3773	0.3165	Ave		0.3865				11.9		20.0			
Ethyl ether	+++++ 0.2236	0.2776 0.2296	0.2720 0.2229	0.2577	0.2218	Ave		0.2436				10.1		20.0			
Ethanol	+++++ 0.0599	0.0842 0.0585	0.1026 0.0573	0.0778	0.0678	QuaF		0.0596	0						1.0000		0.9900
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2954	0.3916 0.2958	0.3230 0.2903	0.3371	0.2945	Ave		0.3182				11.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethene	+++++ 0.2153	0.2420 0.2243	0.2353 0.2253	0.2479	0.2106	Ave		0.2287			0.1000	6.0		20.0			
Carbon disulfide	+++++ 0.8125	1.0329 0.8488	0.9236 0.8446	0.8999	0.7816	Ave		0.8777			0.1000	9.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2163	0.2384 0.2238	0.2544 0.2234	0.1992	0.2100	Ave		0.2236			0.1000	8.2		20.0			
Iodomethane	+++++ 0.2000	0.0974 0.2483	0.0897 0.2494	0.0795	0.1309	QuaF		0.2381	0.0000232						0.9990		0.9900
Cyclopentene	+++++ 0.7140	0.9929 0.7383	0.8275 0.7185	0.7511	0.6459	Ave		0.7697				14.6		20.0			
Acrolein	+++++ 0.4108	0.5780 0.4344	0.7755 0.4196	0.5128	0.4207	Qua	0.6110	0.4277	-0.000022						1.0000		0.9900
Allyl chloride	+++++ 0.1394	0.2094 0.1501	0.1823 0.1283	0.1752	0.1467	Ave		0.1616				17.6		20.0			
Isopropyl alcohol	+++++ 0.7249	1.2121 0.7175	1.1697 0.6889	0.8616	0.7724	Qua2	2.4597	0.7890	-0.000023						0.9900		0.9900
Methylene Chloride	+++++ 0.2565	0.3213 0.2573	0.3010 0.2491	0.3239	0.2625	Ave		0.2817			0.1000	11.6		20.0			
Acetone	+++++ 0.7051	1.9413 0.6275	1.2486 0.7025	0.8584	0.7028	Lin2	3.1061	0.6786			0.0500				0.9960		0.9900
trans-1,2-Dichloroethene	+++++ 0.2422	0.3142 0.2532	0.3282 0.2495	0.2966	0.2416	Ave		0.2751			0.1000	13.4		20.0			
Methyl acetate	+++++ 0.2678	0.3262 0.2970	0.3042 0.2879	0.3287	0.2798	Ave		0.2988			0.1000	7.6		20.0			
Hexane	+++++ 0.5002	0.9732 0.5109	0.7195 0.4807	0.5139	0.5104	Lin2	0.2387	0.4895							0.9990		0.9900
Methyl tert-butyl ether	+++++ 0.7822	0.8728 0.8110	0.8358 0.7856	0.8973	0.7827	Ave		0.8239			0.1000	5.6		20.0			
2-Methyl-2-propanol	+++++ 1.0998	3.5242 1.0799	2.2998 1.0495	1.6589	1.1732	Qua	16.168	1.0870	-0.000008						1.0000		0.9900
Acetonitrile	+++++ 1.5327	3.4643 1.4648	3.0187 1.4305	2.3150	1.7505	QuaF		1.5021	-0.000014						1.0000		0.9900
Isopropyl ether	+++++ 0.9529	1.1066 0.9634	0.9992 0.9308	1.0118	0.9949	Ave		0.9942				5.8		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2257	0.2502 0.2381	0.2505 0.2282	0.2258	0.2061	Ave		0.2321				6.8		20.0			
1,1-Dichloroethane	+++++ 0.4914	0.5783 0.5062	0.5605 0.4865	0.5631	0.4855	Ave		0.5245			0.2000	7.8		20.0			
Acrylonitrile	0.1628 0.1044	0.1181 0.1112	0.1095 0.1053	0.1213	0.1057	Ave		0.1173				16.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	+++++ 0.8548	0.9454 0.8740	0.9150 0.8446	0.9168	0.9013	Ave		0.8931				4.1		20.0			
Allyl alcohol	+++++ 0.6374	0.9254 0.6266	0.6382 0.6218	0.6906	0.6775	Ave		0.6882				15.7		20.0			
Vinyl acetate	+++++ 0.1904	0.2296 0.2212	0.2369 0.1703	0.2367	0.1949	Ave		0.2114				12.4		20.0			
cis-1,2-Dichloroethene	+++++ 0.2543	0.2718 0.2613	0.3031 0.2541	0.3045	0.2545	Ave		0.2719			0.1000	8.3		20.0			
2,2-Dichloropropane	+++++ 0.3739	0.4732 0.3933	0.4597 0.3771	0.4146	0.3691	Ave		0.4087				10.4		20.0			
Cyclohexane	+++++ 0.4201	0.5814 0.4438	0.5198 0.4238	0.3674	0.4239	Ave		0.4543			0.1000	15.9		20.0			
Chlorobromomethane	+++++ 0.1158	0.1473 0.1197	0.1539 0.1146	0.1372	0.1186	Ave		0.1296				12.6		20.0			
Chloroform	+++++ 0.4237	0.5648 0.4374	0.4967 0.4227	0.4774	0.4133	Ave		0.4623			0.2000	11.9		20.0			
Carbon tetrachloride	+++++ 0.2947	0.3947 0.3163	0.3121 0.3124	0.3104	0.2830	Ave		0.3177			0.1000	11.3		20.0			
Ethyl acetate	+++++ 2.0251	2.4964 2.1051	2.3616 2.0416	2.0517	2.0580	Ave		2.1628				8.7		20.0			
Methyl acrylate	+++++ 0.2436	0.3249 0.2685	0.2858 0.2501	0.2605	0.2462	Ave		0.2685				10.8		20.0			
Tetrahydrofuran	+++++ 0.9345	0.9407 0.9603	0.8392 0.9380	1.0918	0.9396	Ave		0.9492				7.8		20.0			
1,1,1-Trichloroethane	+++++ 0.3621	0.5003 0.3766	0.4418 0.3651	0.4126	0.3566	Ave		0.4022			0.1000	13.2		20.0			
2-Butanone (MEK)	+++++ 0.2686	0.3015 0.2648	0.3462 0.2672	0.3091	0.2667	Ave		0.2891			0.0500	10.8		20.0			
1,1-Dichloropropene	+++++ 0.3219	0.4668 0.3383	0.3823 0.3276	0.3412	0.3188	Ave		0.3567				14.9		20.0			
2,2,4-Trimethylpentane	+++++ 0.5352	0.6844 0.5354	0.6522 0.4862	0.5292	0.4722	Ave		0.5564				14.5		20.0			
n-Heptane	+++++ 0.1302	0.2414 0.1306	0.1907 0.1207	0.0986	0.1354	QuaF		0.1364	-0.000031						1.0000		0.9900
Benzene	+++++ 1.4249	1.7761 1.4616	1.6946 1.4244	1.5627	1.4132	Ave		1.5368			0.5000	9.5		20.0			
Propionitrile	+++++ 1.4973	1.9744 1.4923	1.5802 1.4687	1.6464	1.6111	Ave		1.6101				10.8		20.0			
Methacrylonitrile	+++++ 0.1071	0.1098 0.1199	0.1086 0.1145	0.1083	0.1109	Ave		0.1113				4.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 0.7562	0.7986 0.7719	0.7540 0.7451	0.7899	0.7919	Ave		0.7725				2.8		20.0			
1,2-Dichloroethane	+++++ 0.3399	0.4327 0.3515	0.4109 0.3355	0.3846	0.3466	Ave		0.3717			0.1000	10.3		20.0			
Isobutyl alcohol	+++++ 0.5013	0.5797 0.5054	0.6207 0.5023	0.5960	0.5052	Ave		0.5444				9.6		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.5552	0.4487 0.5522	0.5975 0.5054	0.5787	0.5206	Ave		0.5369				9.3		20.0			
Isopropyl acetate	+++++ 0.5454	0.5428 0.5773	0.4838 0.5383	0.5715	0.5568	Ave		0.5451				5.6		20.0			
Methylcyclohexane	+++++ 0.3494	0.4087 0.3564	0.3980 0.3354	0.2724	0.3485	Ave		0.3527			0.1000	12.7		20.0			
Trichloroethene	+++++ 0.2386	0.3042 0.2478	0.2858 0.2488	0.2572	0.2403	Ave		0.2604			0.2000	9.6		20.0			
n-Butanol	+++++ 0.3030	0.3179 0.3107	0.4632 0.3027	0.3100	0.3249	Ave		0.3332				17.4		20.0			
Dibromomethane	+++++ 0.1473	0.1849 0.1544	0.1662 0.1478	0.1723	0.1527	Ave		0.1608				8.8		20.0			
1,2-Dichloropropane	+++++ 0.2735	0.3307 0.2825	0.2904 0.2717	0.3071	0.2774	Ave		0.2905			0.1000	7.4		20.0			
Ethyl acrylate	+++++ 0.3395	0.3165 0.3654	0.3424 0.3398	0.3470	0.3448	Ave		0.3422				4.2		20.0			
Dichlorobromomethane	+++++ 0.3386	0.3957 0.3519	0.3643 0.3433	0.3845	0.3440	Ave		0.3603			0.2000	6.2		20.0			
Methyl methacrylate	+++++ 0.0678	0.0711 0.0722	0.0613 0.0679	0.0678	0.0698	Ave		0.0683				5.2		20.0			
1,4-Dioxane	+++++ 1.1972	1.2299 1.1335	1.1967 1.1910	1.4141	1.1814	Ave		1.2206				7.4		20.0			
n-Propyl acetate	+++++ 0.3892	0.4011 0.4209	0.3663 0.3885	0.4120	0.4136	Ave		0.3988				4.7		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1568	0.1548 0.1605	0.1640 0.1499	0.1623	0.1645	Ave		0.1590				3.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5953	0.5865 0.6072	0.6018 0.5890	0.6666	0.6096	Ave		0.6080			0.2000	4.5		20.0			
Toluene	+++++ 1.4593	1.7601 1.4889	1.7228 1.4676	1.5938	1.4713	Ave		1.5662			0.4000	8.2		20.0			
Epichlorohydrin	0.2915 0.2055	0.2444 0.2099	0.2145 0.2070	0.2346	0.2124	Ave		0.2275				12.9		20.0			
2-Nitropropane	+++++ 0.0716	0.0717 0.0777	0.0742 0.0715	0.0832	0.0782	Ave		0.0754				5.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tetrachloroethene	+++++ 0.2947	0.3684 0.3027	0.3448 0.3001	0.2910	0.2932	Ave		0.3136			0.2000	9.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.2191	2.2103 2.2118	2.1965 2.1853	2.5316	2.2735	Ave		2.2611			0.0500	5.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5274	0.5045 0.5345	0.5323 0.5192	0.5627	0.5396	Ave		0.5315			0.1000	3.4		20.0			
1,1,2-Trichloroethane	+++++ 0.2615	0.3382 0.2613	0.2893 0.2514	0.3064	0.2625	Ave		0.2815			0.1000	11.2		20.0			
Ethyl methacrylate	+++++ 0.3264	0.3796 0.3366	0.3241 0.3231	0.3646	0.3375	Ave		0.3417				6.4		20.0			
Chlorodibromomethane	+++++ 0.3314	0.3571 0.3372	0.3264 0.3311	0.3660	0.3284	Ave		0.3397			0.1000	4.6		20.0			
1,3-Dichloropropane	+++++ 0.5451	0.5447 0.5495	0.5480 0.5289	0.6167	0.5530	Ave		0.5551				5.1		20.0			
Ethylene Dibromide	+++++ 0.3085	0.3354 0.3093	0.2983 0.2958	0.3406	0.2992	Ave		0.3125			0.1000	5.8		20.0			
n-Butyl acetate	+++++ 0.5080	0.6492 0.5222	0.4861 0.4832	0.5355	0.5276	Ave		0.5303				10.6		20.0			
2-Hexanone	+++++ 1.5669	1.7913 1.5090	1.5864 1.5143	1.7590	1.6098	Ave		1.6195			0.0500	7.0		20.0			
Chlorobenzene	+++++ 0.9110	1.0560 0.9197	0.9957 0.9035	0.9888	0.8994	Ave		0.9534			0.5000	6.3		20.0			
Ethylbenzene	+++++ 0.4820	0.5675 0.4950	0.5879 0.4827	0.5175	0.4770	Ave		0.5157			0.1000	8.7		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3178	0.3427 0.3241	0.3098 0.3172	0.3358	0.3122	Ave		0.3228				3.8		20.0			
m-Xylene & p-Xylene	+++++ 0.5997	0.7077 0.6047	0.7688 0.5838	0.6454	0.5947	Ave		0.6436			0.1000	10.8		20.0			
o-Xylene	+++++ 0.5843	0.6689 0.5879	0.7234 0.5663	0.6470	0.5762	Ave		0.6220			0.3000	9.5		20.0			
Bromoform	+++++ 0.2062	0.2223 0.2211	0.2245 0.2188	0.2278	0.2010	Ave		0.2174			0.1000	4.6		20.0			
Styrene	+++++ 1.0270	1.1619 1.0560	1.1136 1.0330	1.1188	1.0319	Ave		1.0774			0.3000	5.0		20.0			
n-Butyl acrylate	+++++ 0.2685	0.2727 0.2790	0.2538 0.2609	0.2572	0.2702	Ave		0.2661				3.4		20.0			
Isopropylbenzene	+++++ 1.4779	1.8483 1.5164	1.6666 1.4759	1.4696	1.4662	Ave		1.5601			0.1000	9.3		20.0			
Camphene	+++++ 0.1067	0.2262 0.1053	0.1806 0.0943	0.0921	0.0988	QuaF		0.1118	-0.000035						1.0000		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.3605	1.1744 1.3843	1.3948 1.3081	1.3457	1.3948	Ave		1.3375				5.9		20.0			
Bromobenzene	+++++ 0.7051	0.7950 0.7144	0.8225 0.7204	0.7848	0.7125	Ave		0.7507				6.4		20.0			
N-Propylbenzene	+++++ 3.5221	4.7957 3.5601	3.9379 3.5048	3.5147	3.5345	Ave		3.7671				12.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7564	0.6823 0.7942	0.8164 0.7504	0.8706	0.7553	Ave		0.7751			0.3000	7.7		20.0			
2-Chlorotoluene	+++++ 2.4789	3.1049 2.5235	2.8815 2.5257	2.6194	2.5223	Ave		2.6652				8.9		20.0			
4-Ethyltoluene	+++++ 3.0507	3.6620 3.1223	3.3954 3.0899	3.1672	2.9652	Ave		3.2075				7.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2108	0.2666 0.2180	0.2364 0.2111	0.2744	0.2131	Ave		0.2329				11.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.4937	3.1314 2.5263	2.8456 2.4774	2.5792	2.5306	Ave		2.6549				9.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2533	0.2343 0.2667	0.2455 0.2568	0.2808	0.2570	Ave		0.2563				5.8		20.0			
4-Chlorotoluene	+++++ 2.3388	2.7207 2.3695	2.4962 2.3538	2.6256	2.3825	Ave		2.4696				6.1		20.0			
tert-Butylbenzene	+++++ 1.9784	2.5296 1.9947	2.2814 1.9433	1.9804	1.9882	Ave		2.0994				10.6		20.0			
Butyl Methacrylate	+++++ 0.9546	0.8967 1.0077	0.9600 0.9916	0.9046	0.9514	Ave		0.9524				4.3		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6400	3.1593 2.6855	3.0342 2.6462	2.7533	2.6212	Ave		2.7914				7.7		20.0			
sec-Butylbenzene	+++++ 2.8581	3.8429 2.8717	3.4069 2.7574	2.7706	2.8743	Ave		3.0546				13.5		20.0			
1,3-Dichlorobenzene	+++++ 1.3496	1.7877 1.3854	1.5248 1.3736	1.4774	1.3609	Ave		1.4656			0.6000	10.7		20.0			
4-Isopropyltoluene	+++++ 2.5428	3.2605 2.6049	3.0485 2.5061	2.4879	2.5315	Ave		2.7117				11.5		20.0			
1,4-Dichlorobenzene	+++++ 1.3810	1.8664 1.4053	1.6223 1.3670	1.6057	1.3976	Ave		1.5208			0.5000	12.3		20.0			
Indan	+++++ 2.6557	2.9877 2.7489	3.1640 2.6271	2.7796	2.6759	Ave		2.8055				7.1		20.0			
Benzyl chloride	+++++ 2.0961	2.0676 2.2993	2.1401 2.1437	2.1912	2.1251	Ave		2.1519				3.5		20.0			
p-Diethylbenzene	+++++ 1.4809	1.9088 1.5344	1.7985 1.4130	1.5119	1.4177	Ave		1.5807				12.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 2.2746	3.2115 2.3310	2.6874 2.1135	2.1597	2.2794	Ave		2.4367				16.0		20.0			
1,2-Dichlorobenzene	+++++ 1.3178	1.5069 1.3652	1.4582 1.3004	1.4583	1.3439	Ave		1.3930			0.4000	5.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.4032	3.0722 2.4895	2.8456 2.3166	2.4632	2.4143	Ave		2.5721				10.8		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1553	0.1088 0.1638	0.1371 0.1521	0.1840	0.1573	Ave		0.1512			0.0500	15.5		20.0			
1,3,5-Trichlorobenzene	+++++ 0.8857	1.2500 0.9152	1.1303 0.8503	0.9151	0.8634	Ave		0.9729				15.9		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8701	1.2168 0.8861	1.0839 0.8662	0.9387	0.8548	Ave		0.9595			0.2000	14.4		20.0			
Hexachlorobutadiene	+++++ 0.2738	0.5682 0.2814	0.3857 0.2750	0.2426	0.2673	Qua2	0.1551	0.2468	0.0000751						0.9920		0.9900
Camphor	+++++ 0.0935	0.1286 0.0966	0.1007 0.0846	0.0960	0.0954	Ave		0.0993				13.9		20.0			
Naphthalene	+++++ 2.3513	3.1456 2.4262	2.6237 2.2947	2.7048	2.3690	Ave		2.5593				11.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7723	1.3057 0.7824	0.9600 0.7543	0.8614	0.7615	Lin2	0.2569	0.7651							0.9970		0.9900
Dibromofluoromethane (Surr)	0.2060 0.1976	0.2003 0.2058	0.2034 0.2047	0.2023	0.1996	Ave		0.2025				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2591 0.2496	0.2486 0.2523	0.2503 0.2417	0.2578	0.2586	Ave		0.2523				2.4		20.0			
Toluene-d8 (Surr)	1.1371 1.1467	1.0996 1.1381	1.1337 1.1236	1.1407	1.1688	Ave		1.1360				1.7		20.0			
4-Bromofluorobenzene	0.3292 0.3116	0.3173 0.3157	0.3201 0.3119	0.3110	0.3181	Ave		0.3168				1.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-305952/12	P00404.D
Level 2	STD05 460-305952/17	P00409.D
Level 3	STD1 460-305952/18	P00410.D
Level 4	STD5 460-305952/5	P00397.D
Level 5	STD20 460-305952/6	P00398.D
Level 6	STD50 460-305952/7	P00399.D
Level 7	STD200 460-305952/8	P00400.D
Level 8	STD500 460-305952/9	P00401.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 19845	491 86973	563 234973	1709	6967	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 182657	1580 697282	3659 1810468	19697	70102	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 163891	1750 656443	3699 1704703	17297	63597	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 192661	2117 776485	4038 2004570	20172	74992	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	+++++ 189705	2201 729678	3908 1869923	19595	72132	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	TBA	Qua2	+++++ 75081	982 384766	1873 1154854	5988	25321	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Qua2	+++++ 125423	1789 495085	3458 1104560	13728	48021	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	TBA	Qua	+++++ 50964	739 210001	1447 531052	5675	17091	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	+++++ 238246	2438 946719	5354 2477113	24853	91806	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 297927	3851 1203626	7933 3068297	33433	118755	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 218006	2736 918319	5380 2312838	21531	76203	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl ether	FB	Ave	+++++ 132634	1687 552633	3309 1392971	14708	53413	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethanol	TBA	QuaF	+++++ 36756	456 154332	1171 374440	4610	16837	+++++ 2000	20.0 8000	40.0 20000	200	800
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 175207	2380 711999	3930 1814415	19236	70910	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 127692	1471 539955	2863 1408330	14145	50713	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon disulfide	FB	Ave	+++++ 481936	6278 2042995	11238 5278956	51351	188187	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 128302	1449 538703	3095 1396098	11366	50557	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	QuaF	+++++ 118658	592 597649	1091 1558803	4538	31517	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	+++++ 423501	6035 1776982	10068 4490668	42860	155526	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBA	Qua	+++++ 12601	313 28660	885 54867	3039	5228	+++++ 100	2.00 200	4.00 400	20.0	40.0
Allyl chloride	FB	Ave	+++++ 82691	1273 361323	2218 801904	9995	35315	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBA	Qua2	+++++ 111180	1641 473338	3337 1125960	12767	47990	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 152135	1953 619381	3662 1556817	18482	63208	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Lin2	+++++ 248748	6227 947007	8306 2645861	28937	101318	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	+++++ 143669	1910 609409	3993 1559402	16927	58183	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 794266	9913 3573958	18508 8996253	93793	336807	+++++ 250	2.50 1000	5.00 2500	25.0	100
Hexane	FB	Lin2	+++++ 296689	5915 1229606	8754 3004415	29327	122886	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 463953	5305 1952049	10169 4910194	51204	188461	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBA	Qua	+++++ 168681	4771 712449	6561 1715248	24580	72888	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBA	QuaF	+++++ 235077	4690 966318	8612 2337957	34301	108758	+++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	+++++ 565203	6726 2318890	12158 5817996	57736	239570	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 133864	1521 573182	3048 1426518	12886	49620	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 291453	3515 1218349	6820 3040566	32136	116911	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3900 619072	7181 2676954	13320 6584255	69230	254527	2.00 500	5.00 2000	10.0 5000	50.0	200
Tert-butyl ethyl ether	FB	Ave	+++++ 507032	5746 2103571	11133 5278805	52317	217031	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Allyl alcohol	TBA	Ave	+++++ 244405	3132 1033507	4552 2540618	25583	105222	+++++ 1250	12.5 5000	25.0 12500	125	500

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	FB	Ave	+++++ 225875	2791 1064826	5766 2128835	27012	93838	+++++ 100	1.00 400	2.00 1000	10.0	40.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 150856	1652 628887	3688 1587929	17376	61286	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 221764	2876 946751	5593 2356727	23658	88871	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 249186	3534 1068319	6325 2648940	20966	102070	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	+++++ 68675	895 288231	1872 716072	7831	28564	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	+++++ 251321	3433 1052801	6043 2641778	27244	99506	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 174792	2399 761233	3798 1952426	17714	68152	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	+++++ 285780	3203 1270871	6284 3075721	27665	118669	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 144500	1975 646325	3478 1563315	14863	59272	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 131872	1207 579743	2233 1413106	14722	54181	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	+++++ 214789	3041 906423	5376 2281741	23543	85867	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 94756	967 399647	2303 1006239	10420	38440	+++++ 250	2.50 1000	5.00 2500	25.0	100
1,1-Dichloropropene	FB	Ave	+++++ 190951	2837 814235	4651 2047654	19471	76762	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 317440	4160 1288571	7936 3039080	30199	113705	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	QuaF	+++++ 77209	1467 314422	2320 754663	5628	32610	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBZ	Ave	+++++ 602836	7868 2572668	14514 6540440	64121	244086	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBA	Ave	+++++ 229656	2673 984477	4508 2400334	24394	100097	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	+++++ 635543	6674 2884943	13214 7159114	61799	266957	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tert-amyl methyl ether	FB	Ave	+++++ 448564	4854 1857815	9174 4657185	45074	190685	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 201601	2630 846095	5000 2096743	21945	83460	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBA	Ave	+++++ 192232	1962 833508	4427 2052143	22078	78462	+++++ 1250	12.5 5000	25.0 12500	125	500

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	Ave	+++++ 658633	5455 2658423	14541 6317717	66049	250694	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Isopropyl acetate	FB	Ave	+++++ 323491	3299 1389468	5886 3364387	32612	134070	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 207247	2484 857903	4843 2096300	15543	83921	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 141547	1849 596554	3478 1554967	14677	57861	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBA	Ave	+++++ 116201	1076 512411	3304 1236790	11483	50461	+++++ 1250	12.5 5000	25.0 12500	125	500
Dibromomethane	FB	Ave	+++++ 87347	1124 371561	2022 923577	9835	36772	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 162212	2010 679996	3534 1698003	17523	66784	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 201374	1924 879406	4166 2123983	19800	83032	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 200831	2405 847110	4432 2145463	21940	82825	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 80455	864 347709	1492 848932	7743	33593	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 35431	925 150915	1780 364121	4212	14796	+++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 230842	2438 1013050	4457 2428351	23512	99581	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 92979	941 386273	1996 937138	9259	39613	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 251865	2598 1068714	5154 2704662	27353	105289	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBZ	Ave	+++++ 617391	7797 2620621	14756 6738564	65397	254113	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	2003 290015	3136 1267304	5707 3118258	31636	122495	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	Ave	+++++ 84933	871 374009	1806 893641	9499	37651	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBZ	Ave	+++++ 124677	1632 532715	2953 1378151	11941	50645	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 782884	7090 3338157	14612 8230136	85342	327739	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 223152	2235 940799	4559 2384093	23091	93203	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 110617	1498 459889	2478 1154452	12573	45345	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	FB	Ave	+++++ 193615	2307 810236	3943 2019797	20808	81270	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBZ	Ave	+++++ 140223	1582 593430	2796 1520110	15018	56726	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBZ	Ave	+++++ 230619	2413 967235	4694 2428373	25306	95517	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBZ	Ave	+++++ 130533	1486 544397	2555 1358339	13977	51685	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBZ	Ave	+++++ 214927	2876 919141	4163 2218572	21972	91130	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 552798	5746 2277510	10553 5703360	59296	232062	+++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBZ	Ave	+++++ 385416	4678 1618820	8528 4148378	40573	155344	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBZ	Ave	+++++ 203930	2514 871300	5035 2216315	21236	82387	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 134439	1518 570521	2653 1456339	13777	53914	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 253730	3135 1064426	6585 2680382	26484	102721	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBZ	Ave	+++++ 247207	2963 1034714	6196 2600273	26546	99515	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBZ	Ave	+++++ 87247	985 389185	1923 1004712	9347	34708	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBZ	Ave	+++++ 434504	5147 1858696	9538 4743212	45906	178222	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBZ	Ave	+++++ 113615	1208 491078	2174 1198104	10555	46662	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBZ	Ave	+++++ 625267	8188 2669056	14274 6776756	60302	253231	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Camphene	CBZ	QuaF	+++++ 45131	1002 185365	1547 432825	3780	17072	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 292906	2656 1250913	6137 3010147	27902	122085	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCB	Ave	+++++ 151793	1798 645584	3619 1657809	16271	62367	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCB	Ave	+++++ 758263	10846 3217069	17326 8064842	72872	309378	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 162855	1543 717686	3592 1726711	18051	66116	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCB	Ave	+++++ 533678	7022 2280341	12678 5811902	54310	220779	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Ethyltoluene	DCB	Ave	+++++ 656776	8282 2821486	14939 7110055	65668	259552	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 45388	603 197030	1040 485691	5690	18651	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 536876	7082 2282904	12520 5700693	53476	221509	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 54528	530 240968	1080 590877	5822	22499	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCB	Ave	+++++ 503515	6153 2141176	10983 5416305	54438	208548	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCB	Ave	+++++ 425923	5721 1802542	10038 4471763	41060	174032	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCB	Ave	+++++ 205515	2028 910619	4224 2281794	18755	83278	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 568357	7145 2426766	13350 6089083	57085	229438	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCB	Ave	+++++ 615310	8691 2595020	14990 6344929	57444	251592	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 290559	4043 1251864	6709 3160835	30631	119120	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCB	Ave	+++++ 547432	7374 2353898	13413 5766751	51583	221585	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 297312	4221 1269890	7138 3145595	33292	122335	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCB	Ave	+++++ 571734	6757 2483988	13921 6045264	57630	234229	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCB	Ave	+++++ 451272	4676 2077789	9416 4932734	45431	186014	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCB	Ave	+++++ 318828	4317 1386519	7913 3251475	31346	124096	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCB	Ave	+++++ 489692	7263 2106390	11824 4863397	44779	199520	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 283717	3408 1233679	6416 2992297	30235	117638	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 517372	6948 2249634	12520 5330797	51070	211328	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 33439	246 148028	603 349913	3814	13773	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 190675	2827 827025	4973 1956675	18974	75574	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 187322	2752 800695	4769 1993151	19463	74819	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-98395-1 Analy Batch No.: 305952

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2015 22:12 Calibration End Date: 06/20/2015 03:37 Calibration ID: 50847

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Qua2	+++++ 58953	1285 254312	1697 632868	5029	23401	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Camphor	DCB	Ave	+++++ 100627	1454 436500	2215 973297	9949	41755	+++++ 250	2.50 1000	5.00 2500	25.0	100
Naphthalene	DCB	Ave	+++++ 506213	7114 2192431	11544 5280259	56079	207365	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCB	Lin2	+++++ 166268	2953 707004	4224 1735815	17859	66655	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	123359 117230	121747 123824	123757 127967	115460	120134	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	155156 148052	151073 151835	152300 151097	147129	155658	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	488417 485141	487138 500798	485488 515933	468067	504658	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	141385 131813	140573 138897	137091 143220	127599	137347	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00397.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Jun-2015 22:12:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0028740-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:09:11 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: desais Date: 22-Jun-2015 12:04:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.925	0.000	88	1709	5.00	4.31	
2 Dichlorodifluoromethane	85	0.943	0.943	0.000	99	19697	5.00	5.80	
4 Chloromethane	50	1.071	1.071	0.000	99	17297	5.00	5.36	
3 Vinyl chloride	62	1.089	1.089	0.000	97	20172	5.00	5.35	
5 Butadiene	54	1.095	1.095	0.000	98	19595	5.00	5.35	
6 Bromomethane	94	1.260	1.260	0.000	98	5988	5.00	4.35	
7 Chloroethane	64	1.327	1.333	-0.006	98	13728	5.00	5.29	M
8 Pentane	72	1.400	1.406	-0.006	95	5675	10.0	11.4	
9 Trichlorofluoromethane	101	1.400	1.406	-0.006	98	24853	5.00	5.35	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	33433	5.00	5.32	
11 2-Methyl-1,3-butadiene	67	1.564	1.571	-0.007	97	21531	5.00	4.88	
12 Ethyl ether	59	1.577	1.577	0.000	94	14708	5.00	5.29	
13 Ethanol	46	1.662	1.656	0.006	98	4610	200.0	261.0	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	82	19236	5.00	5.30	
14 1,1-Dichloroethene	96	1.686	1.687	-0.001	96	14145	5.00	5.42	
16 Carbon disulfide	76	1.705	1.705	0.000	99	51351	5.00	5.13	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	96	11366	5.00	4.45	
18 Iodomethane	142	1.766	1.772	-0.006	98	4538	5.00	1.67	
19 Cyclopentene	67	1.857	1.857	0.000	97	42860	5.00	4.88	
20 Acrolein	56	1.881	1.882	-0.001	89	3039	20.0	22.6	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	9995	5.00	5.42	
22 Isopropyl alcohol	45	1.985	1.985	0.000	97	12767	50.0	51.6	
23 Methylene Chloride	84	2.028	2.028	0.000	96	18482	5.00	5.75	
24 Acetone	43	2.058	2.058	0.000	87	28937	25.0	27.0	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	98	16927	5.00	5.39	
26 Methyl acetate	43	2.131	2.132	-0.001	100	93793	25.0	27.5	
27 Hexane	57	2.168	2.174	-0.006	88	29327	5.00	4.76	
28 Methyl tert-butyl ether	73	2.192	2.193	-0.001	97	51204	5.00	5.45	
* 29 TBA-d9 (IS)	65	2.217	2.211	0.006	99	296339	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.266	2.260	0.006	98	24580	50.0	61.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.345	2.345	0.000	97	34301	50.0	77.1	
32 Isopropyl ether	45	2.442	2.443	0.000	97	57736	5.00	5.09	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	93	12886	5.00	4.86	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	99	32136	5.00	5.37	
35 Acrylonitrile	53	2.552	2.552	0.000	93	69230	50.0	51.7	
36 Tert-butyl ethyl ether	59	2.686	2.686	0.000	87	52317	5.00	5.13	
38 Allyl alcohol	57	2.692	2.686	0.006	82	25583	125.0	125.4	
37 Vinyl acetate	43	2.692	2.692	0.000	99	27012	10.0	11.2	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	94	17376	5.00	5.60	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	23658	5.00	5.07	
41 Cyclohexane	56	3.034	3.034	0.000	94	20966	5.00	4.04	
42 Chlorobromomethane	128	3.034	3.040	-0.006	96	7831	5.00	5.30	
43 Chloroform	83	3.101	3.101	0.000	98	27244	5.00	5.16	
44 Carbon tetrachloride	117	3.198	3.192	0.006	96	17714	5.00	4.89	
45 Ethyl acetate	43	3.204	3.205	-0.001	98	27665	10.0	9.49	
46 Methyl acrylate	55	3.204	3.205	-0.001	67	14863	5.00	4.85	
47 Tetrahydrofuran	42	3.223	3.217	0.006	94	14722	10.0	11.5	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	96	115460	50.0	50.0	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	23543	5.00	5.13	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	337102	250.0	250.0	
50 2-Butanone (MEK)	72	3.338	3.339	-0.001	99	10420	25.0	26.7	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	94	19471	5.00	4.78	
52 Isooctane	57	3.436	3.436	0.000	98	30199	5.00	4.76	
53 n-Heptane	57	3.534	3.534	0.000	93	5628	5.00	3.62	
54 Benzene	78	3.546	3.546	0.000	98	64121	5.00	5.08	
55 Propionitrile	54	3.570	3.570	0.000	78	24394	50.0	51.1	
56 Methacrylonitrile	67	3.588	3.589	-0.001	95	61799	50.0	48.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.655	3.662	-0.007	97	147129	50.0	51.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	52	45074	5.00	5.11	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	21945	5.00	5.17	
60 Isobutyl alcohol	43	3.777	3.778	-0.001	97	22078	125.0	136.9	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	570653	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	96	66049	10.0	10.8	
62 Isopropyl acetate	43	3.973	3.973	-0.001	98	32612	5.00	5.24	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	15543	5.00	3.86	
64 Trichloroethene	130	4.058	4.058	0.000	96	14677	5.00	4.94	
66 n-Butanol	56	4.436	4.430	0.006	91	11483	125.0	116.3	
67 Dibromomethane	93	4.442	4.442	0.000	95	9835	5.00	5.36	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	87	17523	5.00	5.29	
69 Ethyl acrylate	55	4.613	4.607	0.006	98	19800	5.00	5.07	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	21940	5.00	5.34	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	61	29786	1000.0	1000.0	
71 Methyl methacrylate	100	4.814	4.814	0.000	94	7743	10.0	9.94	
73 1,4-Dioxane	88	4.850	4.832	0.018	94	4212	100.0	115.9	
74 n-Propyl acetate	43	4.978	4.979	-0.001	100	23512	5.00	5.17	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	95	9259	5.00	5.10	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	27353	5.00	5.48	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	98	468067	50.0	50.2	
78 Toluene	91	5.539	5.546	-0.007	93	65397	5.00	5.09	
79 Epichlorohydrin	57	5.570	5.570	0.000	98	31636	100.0	103.1	
80 2-Nitropropane	41	5.808	5.814	-0.006	98	9499	10.0	11.0	
81 Tetrachloroethene	166	5.984	5.984	0.000	95	11941	5.00	4.64	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	85342	25.0	28.0	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	98	23091	5.00	5.29	
84 1,1,2-Trichloroethane	83	6.240	6.234	0.006	94	12573	5.00	5.44	
85 Ethyl methacrylate	69	6.314	6.308	0.006	92	20808	5.00	5.34	
86 Chlorodibromomethane	129	6.435	6.442	-0.007	98	15018	5.00	5.39	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	96	25306	5.00	5.55	
88 Ethylene Dibromide	107	6.698	6.692	0.006	98	13977	5.00	5.45	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	21972	5.00	5.05	
90 2-Hexanone	43	7.106	7.106	0.000	97	59296	25.0	27.2	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	88	410325	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	92	40573	5.00	5.19	
93 Ethylbenzene	106	7.502	7.502	0.000	99	21236	5.00	5.02	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	95	13777	5.00	5.20	
95 m-Xylene & p-Xylene	106	7.716	7.722	-0.006	97	26484	5.00	5.01	
96 o-Xylene	106	8.319	8.313	0.006	94	26546	5.00	5.20	
97 Bromoform	173	8.386	8.386	0.000	93	9347	5.00	5.24	
98 Styrene	104	8.405	8.405	0.000	93	45906	5.00	5.19	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	10555	5.00	4.83	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	60302	5.00	4.71	
101 Camphene	41	8.929	8.929	0.000	96	3780	5.00	4.13	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	27902	5.00	5.03	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	84	127599	50.0	49.1	
104 Bromobenzene	156	9.301	9.301	0.000	95	16271	5.00	5.23	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	72872	5.00	4.66	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	18051	5.00	5.62	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	54310	5.00	4.91	
108 4-Ethyltoluene	105	9.642	9.642	0.000	98	65668	5.00	4.94	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	98	5690	5.00	5.89	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	53476	5.00	4.86	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	77	5822	5.00	5.48	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	54438	5.00	5.32	
113 tert-Butylbenzene	119	10.270	10.270	0.000	93	41060	5.00	4.72	
114 Butyl Methacrylate	87	10.392	10.392	0.000	91	18755	5.00	4.75	
115 1,2,4-Trimethylbenzene	105	10.404	10.404	0.000	97	57085	5.00	4.93	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	98	57444	5.00	4.54	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	92	30631	5.00	5.04	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	51583	5.00	4.59	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	207335	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.996	-0.007	92	33292	5.00	5.28	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	93	57630	5.00	4.95	
122 Benzyl chloride	91	11.416	11.416	0.000	97	45431	5.00	5.09	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	92	31346	5.00	4.78	
124 n-Butylbenzene	91	11.502	11.502	0.000	98	44779	5.00	4.43	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	94	30235	5.00	5.23	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	97	51070	5.00	4.79	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	95	3814	5.00	6.08	
128 1,3,5-Trichlorobenzene	180	12.629	12.630	-0.001	96	18974	5.00	4.70	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	19463	5.00	4.89	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	91	5029	5.00	4.28	
131 Camphor	95	13.532	13.532	0.000	93	9949	25.0	24.2	
132 Naphthalene	128	13.568	13.568	0.000	99	56079	5.00	5.28	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	17859	5.00	5.29	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	11.0	
S 135 Xylenes, Total	100				0		10.0	10.2	
S 136 Total BTEX	1				0		25.0	25.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00101	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00031	Amount Added:	1.00	Units: uL		
ACROLEIN W_00039	Amount Added:	4.00	Units: uL		
MIX I Hi_00043	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00015	Amount Added:	1.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 23-Jun-2015 15:09:15 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00397.D

Injection Date: 19-Jun-2015 22:12:30 Instrument ID: CVOAMS13 Operator ID:

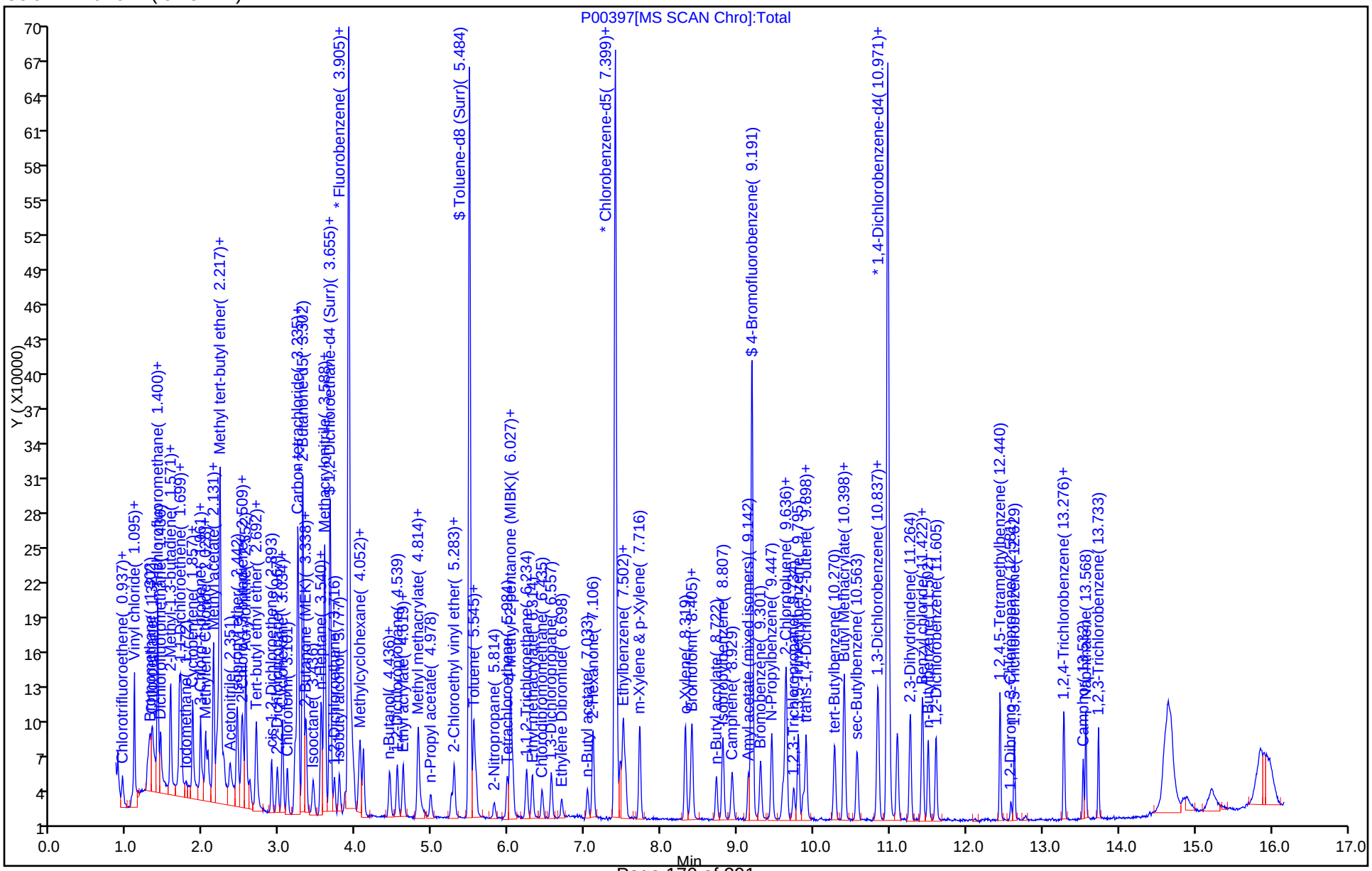
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

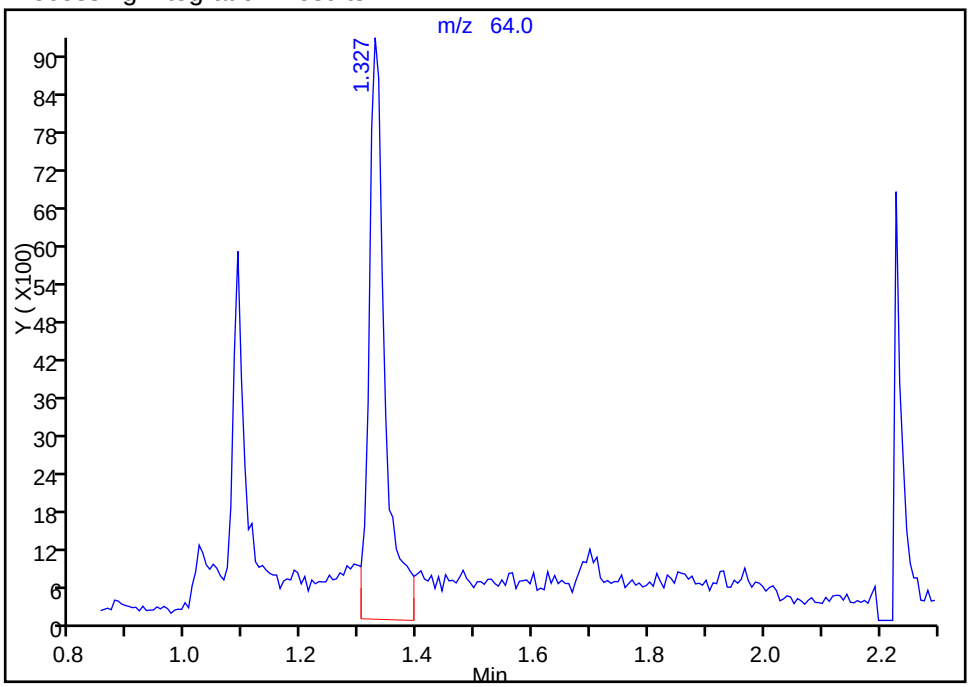
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00397.D
Injection Date: 19-Jun-2015 22:12:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloroethane, CAS: 75-00-3

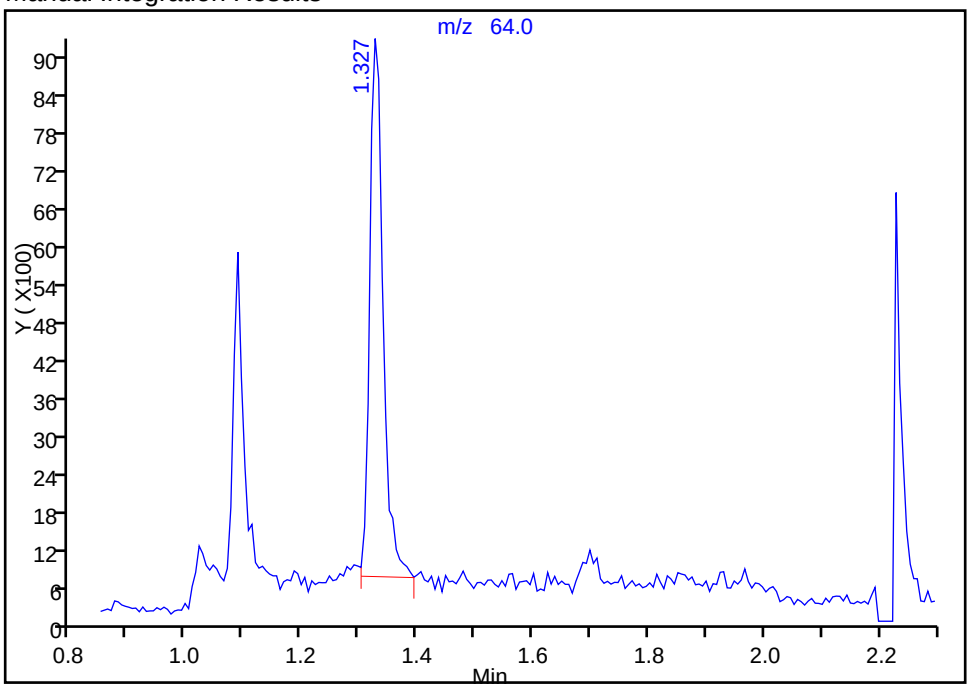
Processing Integration Results

RT: 1.33
Area: 17754
Amount: 6.983683
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 13728
Amount: 5.288601
Amount Units: ug/l



Reviewer: baronm, 23-Jun-2015 13:43:31
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00398.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 19-Jun-2015 22:37:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0028740-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:09:16 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: baronm Date: 23-Jun-2015 15:07:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.925	0.925	0.000	93	6967	20.0	16.6	
2 Dichlorodifluoromethane	85	0.943	0.943	0.000	99	70102	20.0	19.6	
4 Chloromethane	50	1.071	1.071	0.000	99	63597	20.0	18.7	
3 Vinyl chloride	62	1.089	1.089	0.000	97	74992	20.0	18.8	
5 Butadiene	54	1.095	1.095	0.000	97	72132	20.0	18.7	
6 Bromomethane	94	1.260	1.260	0.000	98	25321	20.0	18.3	
7 Chloroethane	64	1.333	1.333	0.000	99	48021	20.0	18.1	
8 Pentane	72	1.406	1.406	0.000	96	17091	40.0	34.2	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	97	91806	20.0	18.7	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	118755	20.0	17.9	
11 2-Methyl-1,3-butadiene	67	1.571	1.571	0.000	98	76203	20.0	16.4	
12 Ethyl ether	59	1.577	1.577	0.000	94	53413	20.0	18.2	
13 Ethanol	46	1.656	1.656	0.000	98	16837	800.0	910.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	77	70910	20.0	18.5	
14 1,1-Dichloroethene	96	1.687	1.687	0.000	96	50713	20.0	18.4	
16 Carbon disulfide	76	1.705	1.705	0.000	100	188187	20.0	17.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	97	50557	20.0	18.8	
18 Iodomethane	142	1.772	1.772	0.000	99	31517	20.0	11.0	
19 Cyclopentene	67	1.857	1.857	0.000	96	155526	20.0	16.8	
20 Acrolein	56	1.882	1.882	0.000	88	5228	40.0	38.0	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	35315	20.0	18.1	
22 Isopropyl alcohol	45	1.985	1.985	0.000	98	47990	200.0	193.8	
23 Methylene Chloride	84	2.028	2.028	0.000	96	63208	20.0	18.6	
24 Acetone	43	2.058	2.058	0.000	86	101318	100.0	99.0	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	98	58183	20.0	17.6	
26 Methyl acetate	43	2.132	2.132	0.000	100	336807	100.0	93.6	
27 Hexane	57	2.174	2.174	0.000	95	122886	20.0	20.4	
28 Methyl tert-butyl ether	73	2.193	2.193	0.000	94	188461	20.0	19.0	
* 29 TBA-d9 (IS)	65	2.211	2.211	0.000	99	310640	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.260	2.260	0.000	99	72888	200.0	201.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.345	2.345	0.000	99	108758	200.0	233.6	
32 Isopropyl ether	45	2.443	2.443	0.000	97	239570	20.0	20.0	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	49620	20.0	17.8	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	100	116911	20.0	18.5	
35 Acrylonitrile	53	2.552	2.552	0.000	94	254527	200.0	180.2	
36 Tert-butyl ethyl ether	59	2.686	2.686	0.000	86	217031	20.0	20.2	
38 Allyl alcohol	57	2.686	2.686	0.000	96	105222	500.0	492.2	
37 Vinyl acetate	43	2.692	2.692	0.000	100	93838	40.0	36.9	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	94	61286	20.0	18.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	99	88871	20.0	18.1	
41 Cyclohexane	56	3.034	3.034	0.000	94	102070	20.0	18.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	83	28564	20.0	18.3	
43 Chloroform	83	3.101	3.101	0.000	98	99506	20.0	17.9	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	68152	20.0	17.8	
45 Ethyl acetate	43	3.205	3.205	0.000	99	118669	40.0	38.1	
46 Methyl acrylate	55	3.205	3.205	0.000	67	59272	20.0	18.3	
47 Tetrahydrofuran	42	3.217	3.217	0.000	94	54181	40.0	39.6	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	96	120134	50.0	49.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	85867	20.0	17.7	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	360397	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.339	0.000	98	38440	100.0	92.2	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	94	76762	20.0	17.9	
52 Isooctane	57	3.436	3.436	0.000	99	113705	20.0	17.0	
53 n-Heptane	57	3.534	3.534	0.000	94	32610	20.0	19.9	
54 Benzene	78	3.546	3.546	0.000	95	244086	20.0	18.4	
55 Propionitrile	54	3.570	3.570	0.000	75	100097	200.0	200.1	
56 Methacrylonitrile	67	3.589	3.589	0.000	95	266957	200.0	199.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	155658	50.0	51.3	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	190685	20.0	20.5	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	83460	20.0	18.7	
60 Isobutyl alcohol	43	3.778	3.778	0.000	96	78462	500.0	464.0	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	601966	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	250694	40.0	38.8	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	134070	20.0	20.4	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	83921	20.0	19.8	
64 Trichloroethene	130	4.058	4.058	0.000	97	57861	20.0	18.5	
66 n-Butanol	56	4.430	4.430	0.000	93	50461	500.0	487.5	
67 Dibromomethane	93	4.442	4.442	0.000	95	36772	20.0	19.0	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	66784	20.0	19.1	
69 Ethyl acrylate	55	4.607	4.607	0.000	98	83032	20.0	20.2	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	82825	20.0	19.1	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	93	31310	1000.0	1000.0	
71 Methyl methacrylate	100	4.814	4.814	0.000	94	33593	40.0	40.9	
73 1,4-Dioxane	88	4.832	4.832	0.000	96	14796	400.0	387.2	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	99581	20.0	20.7	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	96	39613	20.0	20.7	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	105289	20.0	20.1	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	504658	50.0	51.4	
78 Toluene	91	5.546	5.546	0.000	93	254113	20.0	18.8	
79 Epichlorohydrin	57	5.570	5.570	0.000	100	122495	400.0	373.5	
80 2-Nitropropane	41	5.814	5.814	0.000	98	37651	40.0	41.5	
81 Tetrachloroethene	166	5.984	5.984	0.000	94	50645	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	327739	100.0	100.5	
83 trans-1,3-Dichloropropene	75	6.052	6.052	0.000	94	93203	20.0	20.3	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	45345	20.0	18.7	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	81270	20.0	19.8	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	56726	20.0	19.3	
87 1,3-Dichloropropane	76	6.558	6.558	0.000	97	95517	20.0	19.9	
88 Ethylene Dibromide	107	6.692	6.692	0.000	99	51685	20.0	19.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	91130	20.0	19.9	
90 2-Hexanone	43	7.106	7.106	0.000	99	232062	100.0	99.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	88	431788	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	93	155344	20.0	18.9	
93 Ethylbenzene	106	7.502	7.502	0.000	99	82387	20.0	18.5	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	53914	20.0	19.3	
95 m-Xylene & p-Xylene	106	7.722	7.722	0.000	97	102721	20.0	18.5	
96 o-Xylene	106	8.313	8.313	0.000	93	99515	20.0	18.5	
97 Bromoform	173	8.386	8.386	0.000	93	34708	20.0	18.5	
98 Styrene	104	8.405	8.405	0.000	94	178222	20.0	19.2	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	46662	20.0	20.3	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	253231	20.0	18.8	
101 Camphene	41	8.929	8.929	0.000	97	17072	20.0	17.8	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	122085	20.0	20.9	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	84	137347	50.0	50.2	
104 Bromobenzene	156	9.301	9.301	0.000	95	62367	20.0	19.0	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	309378	20.0	18.8	
106 1,1,2,2-Tetrachloroethane	83	9.594	9.594	0.000	99	66116	20.0	19.5	
107 2-Chlorotoluene	91	9.630	9.630	0.000	96	220779	20.0	18.9	
108 4-Ethyltoluene	105	9.642	9.642	0.000	97	259552	20.0	18.5	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	99	18651	20.0	18.3	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	92	221509	20.0	19.1	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	91	22499	20.0	20.1	
112 4-Chlorotoluene	91	9.898	9.898	0.000	99	208548	20.0	19.3	
113 tert-Butylbenzene	119	10.270	10.270	0.000	93	174032	20.0	18.9	
114 Butyl Methacrylate	87	10.392	10.392	0.000	98	83278	20.0	20.0	
115 1,2,4-Trimethylbenzene	105	10.404	10.404	0.000	97	229438	20.0	18.8	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	251592	20.0	18.8	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	94	119120	20.0	18.6	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	97	221585	20.0	18.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	218829	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.996	10.996	0.000	94	122335	20.0	18.4	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	234229	20.0	19.1	
122 Benzyl chloride	91	11.416	11.416	0.000	97	186014	20.0	19.8	
123 p-Diethylbenzene	119	11.429	11.429	0.000	92	124096	20.0	17.9	
124 n-Butylbenzene	91	11.502	11.502	0.000	98	199520	20.0	18.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	94	117638	20.0	19.3	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.441	0.000	97	211328	20.0	18.8	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	96	13773	20.0	20.8	
128 1,3,5-Trichlorobenzene	180	12.630	12.630	0.000	97	75574	20.0	17.7	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	74819	20.0	17.8	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	91	23401	20.0	20.9	
131 Camphor	95	13.532	13.532	0.000	93	41755	100.0	96.0	
132 Naphthalene	128	13.568	13.568	0.000	99	207365	20.0	18.5	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	66655	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	36.3	
S 135 Xylenes, Total	100				0		40.0	37.0	
S 136 Total BTEX	1				0		100.0	92.7	

Reagents:

GAS Hi_00101	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00031	Amount Added:	2.00	Units: uL		
ACROLEIN W_00039	Amount Added:	4.00	Units: uL		
MIX I Hi_00043	Amount Added:	2.00	Units: uL		
8260 MIX3 HI_00015	Amount Added:	2.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 23-Jun-2015 15:09:20 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00398.D

Injection Date: 19-Jun-2015 22:37:30 Instrument ID: CVOAMS13 Operator ID:

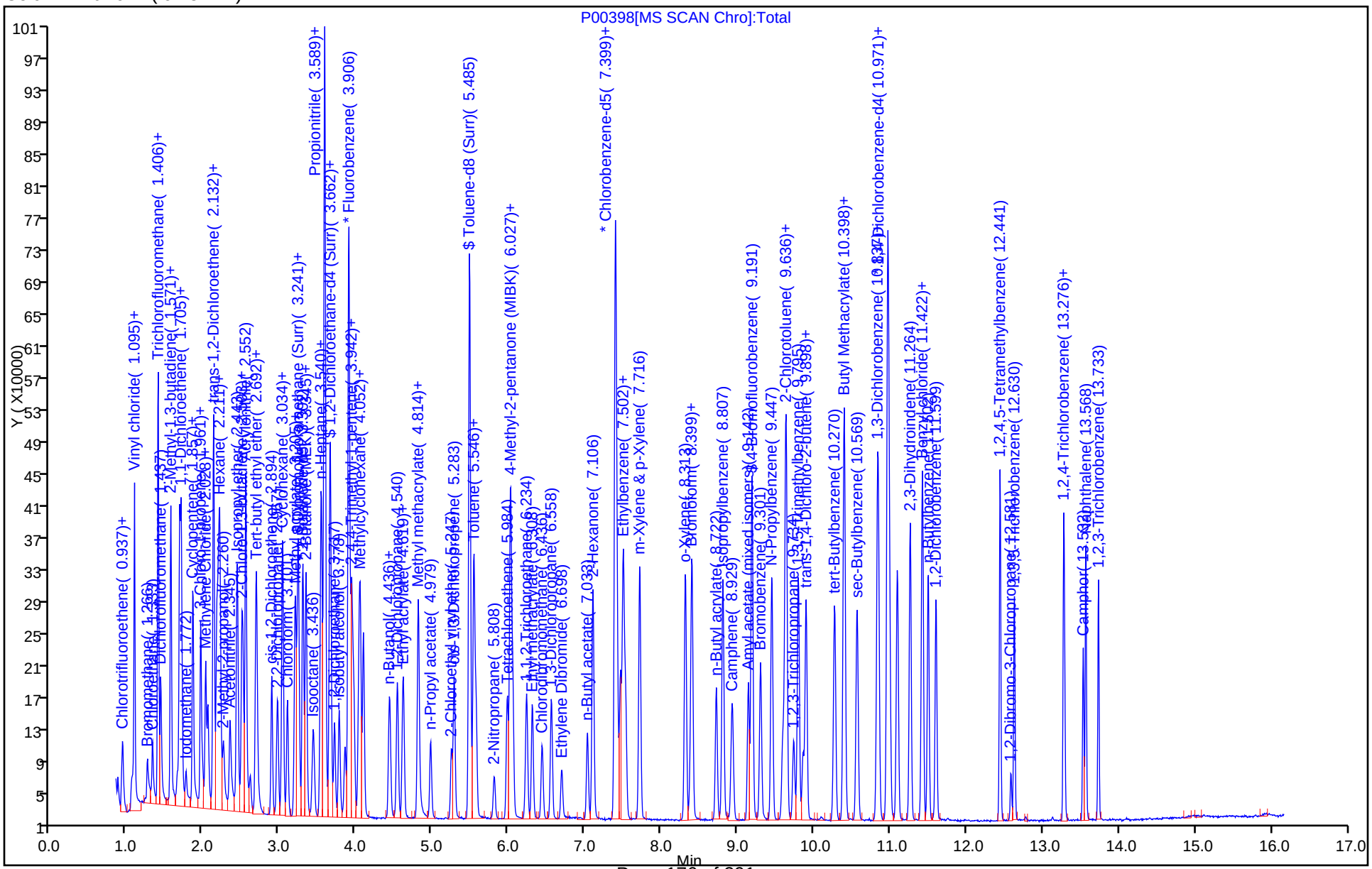
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00399.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Jun-2015 23:02:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0028740-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:09:21 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: desais Date: 22-Jun-2015 11:24:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.925	0.000	89	19845	50.0	47.8	
2 Dichlorodifluoromethane	85	0.936	0.943	-0.007	99	182657	50.0	51.7	
4 Chloromethane	50	1.064	1.071	-0.007	99	163891	50.0	48.8	
3 Vinyl chloride	62	1.089	1.089	0.000	97	192661	50.0	49.1	
5 Butadiene	54	1.095	1.095	0.000	99	189705	50.0	49.8	
6 Bromomethane	94	1.260	1.260	0.000	99	75081	50.0	53.3	
7 Chloroethane	64	1.327	1.333	-0.006	99	125423	50.0	48.8	
8 Pentane	72	1.406	1.406	0.000	96	50964	100.0	104.6	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	96	238246	50.0	49.3	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	297927	50.0	45.6	
11 2-Methyl-1,3-butadiene	67	1.570	1.571	-0.001	97	218006	50.0	47.6	
12 Ethyl ether	59	1.577	1.577	0.000	93	132634	50.0	45.9	
13 Ethanol	46	1.656	1.656	0.000	99	36756	2000.0	2017.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	79	175207	50.0	46.4	
14 1,1-Dichloroethene	96	1.686	1.687	-0.001	96	127692	50.0	47.1	
16 Carbon disulfide	76	1.705	1.705	0.000	100	481936	50.0	46.3	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	95	128302	50.0	48.4	
18 Iodomethane	142	1.772	1.772	0.000	98	118658	50.0	41.8	
19 Cyclopentene	67	1.857	1.857	0.000	97	423501	50.0	46.4	
20 Acrolein	56	1.881	1.882	-0.001	92	12601	100.0	95.1	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	82691	50.0	43.1	
22 Isopropyl alcohol	45	1.985	1.985	0.000	98	111180	500.0	462.6	
23 Methylene Chloride	84	2.028	2.028	0.000	97	152135	50.0	45.5	
24 Acetone	43	2.058	2.058	0.000	86	248748	250.0	255.2	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	98	143669	50.0	44.0	
26 Methyl acetate	43	2.131	2.132	-0.001	100	794266	250.0	224.1	
27 Hexane	57	2.174	2.174	0.000	94	296689	50.0	50.6	
28 Methyl tert-butyl ether	73	2.192	2.193	-0.001	95	463953	50.0	47.5	
* 29 TBA-d9 (IS)	65	2.211	2.211	0.000	98	306752	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.259	2.260	-0.001	99	168681	500.0	492.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.345	2.345	0.000	99	235077	500.0	512.7	
32 Isopropyl ether	45	2.442	2.443	0.000	97	565203	50.0	47.9	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	133864	50.0	48.6	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	99	291453	50.0	46.8	
35 Acrylonitrile	53	2.552	2.552	0.000	94	619072	500.0	444.9	
36 Tert-butyl ethyl ether	59	2.686	2.686	0.000	86	507032	50.0	47.9	
38 Allyl alcohol	57	2.686	2.686	0.000	97	244405	1250.0	1157.7	
37 Vinyl acetate	43	2.692	2.692	0.000	100	225875	100.0	90.1	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	94	150856	50.0	46.8	
40 2,2-Dichloropropane	77	2.967	2.967	-0.001	98	221764	50.0	45.7	
41 Cyclohexane	56	3.034	3.034	0.000	95	249186	50.0	46.2	
42 Chlorobromomethane	128	3.040	3.040	0.000	97	68675	50.0	44.7	
43 Chloroform	83	3.101	3.101	0.000	98	251321	50.0	45.8	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	174792	50.0	46.4	
45 Ethyl acetate	43	3.204	3.205	-0.001	99	285780	100.0	93.6	
46 Methyl acrylate	55	3.204	3.205	-0.001	67	144500	50.0	45.4	
47 Tetrahydrofuran	42	3.216	3.217	-0.001	94	131872	100.0	98.5	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	96	117230	50.0	48.8	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	99	214789	50.0	45.0	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	352798	250.0	250.0	
50 2-Butanone (MEK)	72	3.338	3.339	-0.001	99	94756	250.0	232.2	
51 1,1-Dichloropropene	75	3.344	3.345	-0.001	96	190951	50.0	45.1	
52 Isooctane	57	3.436	3.436	0.000	99	317440	50.0	48.1	
53 n-Heptane	57	3.533	3.534	-0.001	96	77209	50.0	48.2	
54 Benzene	78	3.546	3.546	0.000	97	602836	50.0	46.4	
55 Propionitrile	54	3.570	3.570	0.000	57	229656	500.0	465.0	
56 Methacrylonitrile	67	3.588	3.589	-0.001	95	635543	500.0	481.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	62	148052	50.0	49.5	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	448564	50.0	48.9	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	201601	50.0	45.7	
60 Isobutyl alcohol	43	3.777	3.778	-0.001	96	192232	1250.0	1151.2	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	593160	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	658633	100.0	103.4	
62 Isopropyl acetate	43	3.972	3.973	-0.001	98	323491	50.0	50.0	
63 Methylcyclohexane	83	4.039	4.040	-0.001	95	207247	50.0	49.5	
64 Trichloroethene	130	4.058	4.058	0.000	98	141547	50.0	45.8	
66 n-Butanol	56	4.430	4.430	0.000	91	116201	1250.0	1136.8	
67 Dibromomethane	93	4.442	4.442	0.000	95	87347	50.0	45.8	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	90	162212	50.0	47.1	
69 Ethyl acrylate	55	4.606	4.607	-0.001	98	201374	50.0	49.6	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	200831	50.0	47.0	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	38	29594	1000.0	1000.0	
71 Methyl methacrylate	100	4.814	4.814	0.000	94	80455	100.0	99.3	
73 1,4-Dioxane	88	4.832	4.832	0.000	98	35431	1000.0	980.9	
74 n-Propyl acetate	43	4.972	4.979	-0.007	100	230842	50.0	48.8	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	96	92979	50.0	49.3	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	95	251865	50.0	49.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	485141	50.0	50.5	
78 Toluene	91	5.545	5.546	-0.001	93	617391	50.0	46.6	
79 Epichlorohydrin	57	5.570	5.570	0.000	100	290015	1000.0	903.4	
80 2-Nitropropane	41	5.807	5.814	-0.007	98	84933	100.0	94.9	
81 Tetrachloroethene	166	5.984	5.984	0.000	95	124677	50.0	47.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	99	782884	250.0	245.3	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	98	223152	50.0	49.6	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	110617	50.0	46.4	
85 Ethyl methacrylate	69	6.307	6.308	-0.001	92	193615	50.0	47.8	
86 Chlorodibromomethane	129	6.435	6.442	-0.007	99	140223	50.0	48.8	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	97	230619	50.0	49.1	
88 Ethylene Dibromide	107	6.691	6.692	-0.001	98	130533	50.0	49.4	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	214927	50.0	47.9	
90 2-Hexanone	43	7.100	7.106	-0.006	98	552798	250.0	241.9	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	88	423083	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	92	385416	50.0	47.8	
93 Ethylbenzene	106	7.502	7.502	0.000	99	203930	50.0	46.7	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	134439	50.0	49.2	
95 m-Xylene & p-Xylene	106	7.716	7.722	-0.006	97	253730	50.0	46.6	
96 o-Xylene	106	8.319	8.313	0.006	93	247207	50.0	47.0	
97 Bromoform	173	8.386	8.386	0.000	96	87247	50.0	47.4	
98 Styrene	104	8.404	8.405	-0.001	94	434504	50.0	47.7	
99 n-Butyl acrylate	73	8.721	8.722	-0.001	96	113615	50.0	50.5	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	625267	50.0	47.4	
101 Camphene	41	8.929	8.929	0.000	96	45131	50.0	48.4	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	88	292906	50.0	50.9	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	84	131813	50.0	49.2	
104 Bromobenzene	156	9.301	9.301	0.000	95	151793	50.0	47.0	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	758263	50.0	46.7	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	162855	50.0	48.8	
107 2-Chlorotoluene	91	9.630	9.630	0.000	96	533678	50.0	46.5	
108 4-Ethyltoluene	105	9.642	9.642	0.000	98	656776	50.0	47.6	
109 1,2,3-Trichloropropane	110	9.733	9.734	-0.001	99	45388	50.0	45.3	
110 1,3,5-Trimethylbenzene	105	9.794	9.795	-0.001	93	536876	50.0	47.0	
111 trans-1,4-Dichloro-2-buten	53	9.855	9.856	-0.001	91	54528	50.0	49.4	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	503515	50.0	47.4	
113 tert-Butylbenzene	119	10.276	10.270	0.006	93	425923	50.0	47.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	205515	50.0	50.1	
115 1,2,4-Trimethylbenzene	105	10.404	10.404	0.000	97	568357	50.0	47.3	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	615310	50.0	46.8	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	94	290559	50.0	46.0	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	547432	50.0	46.9	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	215289	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.995	10.996	-0.001	92	297312	50.0	45.4	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	571734	50.0	47.3	
122 Benzyl chloride	91	11.416	11.416	0.000	97	451272	50.0	48.7	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	94	318828	50.0	46.8	
124 n-Butylbenzene	91	11.501	11.502	-0.001	98	489692	50.0	46.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	94	283717	50.0	47.3	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	97	517372	50.0	46.7	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	96	33439	50.0	51.4	
128 1,3,5-Trichlorobenzene	180	12.629	12.630	-0.001	97	190675	50.0	45.5	
129 1,2,4-Trichlorobenzene	180	13.275	13.276	-0.001	94	187322	50.0	45.3	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	92	58953	50.0	54.0	
131 Camphor	95	13.532	13.532	0.000	93	100627	250.0	235.3	
132 Naphthalene	128	13.568	13.568	0.000	99	506213	50.0	45.9	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	166268	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	90.8	
S 135 Xylenes, Total	100				0		100.0	93.6	
S 136 Total BTEX	1				0		250.0	233.2	

Reagents:

GAS Hi_00101	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00031	Amount Added:	5.00	Units: uL	
ACROLEIN W_00039	Amount Added:	10.00	Units: uL	
MIX I Hi_00043	Amount Added:	5.00	Units: uL	
8260 MIX3 HI_00015	Amount Added:	5.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Jun-2015 15:09:24 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00399.D

Injection Date: 19-Jun-2015 23:02:30 Instrument ID: CVOAMS13 Operator ID:

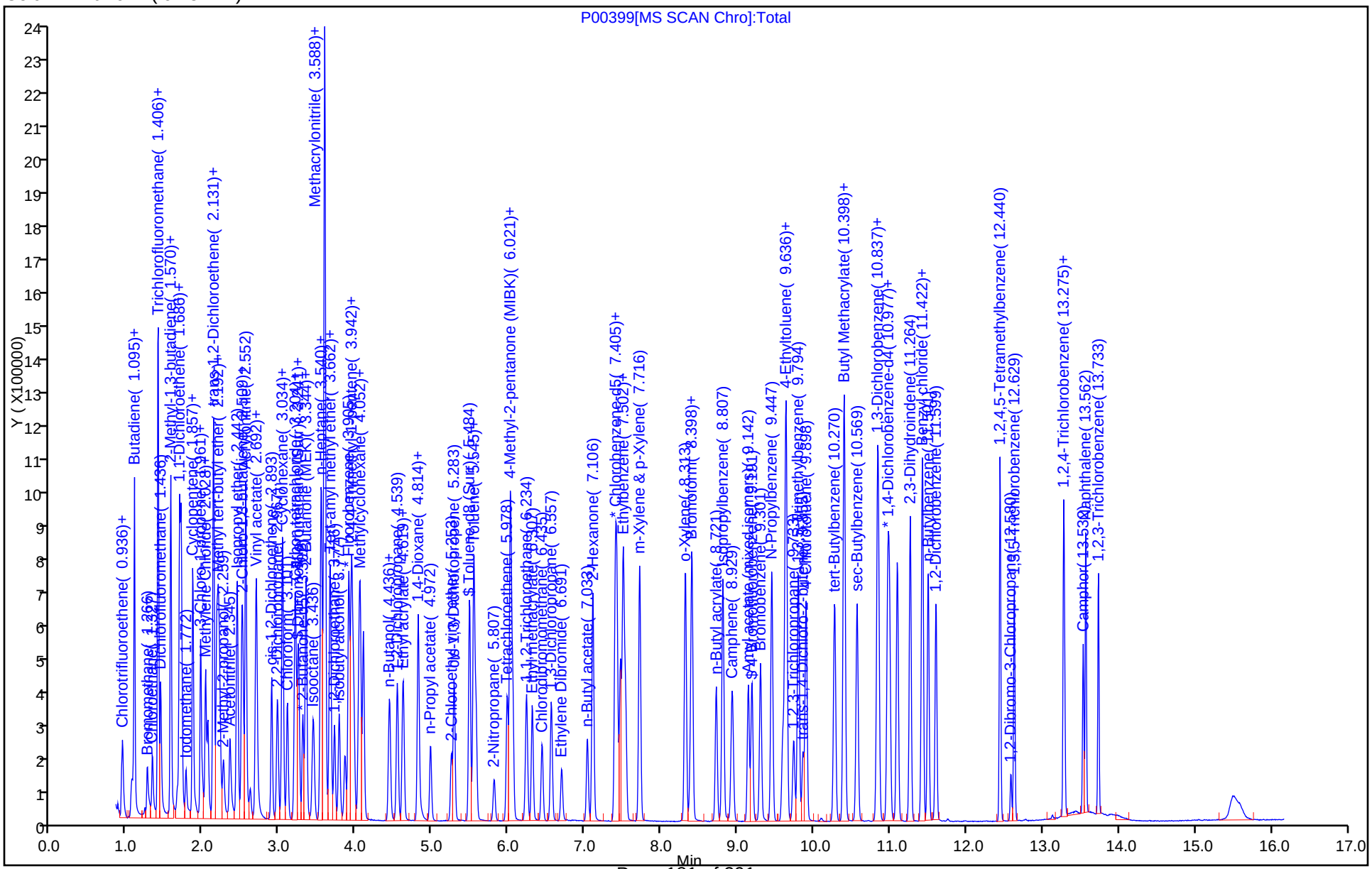
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00400.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-Jun-2015 23:27:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0028740-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:09:26 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: desais Date: 22-Jun-2015 11:26:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.925	0.000	89	86973	200.0	201.3	
2 Dichlorodifluoromethane	85	0.937	0.943	-0.006	99	697282	200.0	194.6	
4 Chloromethane	50	1.065	1.071	-0.006	99	656443	200.0	192.7	
3 Vinyl chloride	62	1.089	1.089	0.000	97	776485	200.0	195.2	
5 Butadiene	54	1.095	1.095	0.000	98	729678	200.0	188.8	
6 Bromomethane	94	1.266	1.260	0.006	99	384766	200.0	211.5	
7 Chloroethane	64	1.327	1.333	-0.006	99	495085	200.0	203.2	
8 Pentane	72	1.400	1.406	-0.006	96	210001	400.0	399.1	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	98	946719	200.0	193.3	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	1203626	200.0	181.5	
11 2-Methyl-1,3-butadiene	67	1.571	1.571	0.000	97	918319	200.0	197.5	
12 Ethyl ether	59	1.577	1.577	0.000	94	552633	200.0	188.5	
13 Ethanol	46	1.662	1.656	0.006	98	154332	8000.0	7972.2	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	78	711999	200.0	185.9	
14 1,1-Dichloroethene	96	1.686	1.687	-0.001	96	539955	200.0	196.2	
16 Carbon disulfide	76	1.705	1.705	0.000	100	2042995	200.0	193.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	96	538703	200.0	200.2	
18 Iodomethane	142	1.772	1.772	0.000	99	597649	200.0	204.5	
19 Cyclopentene	67	1.857	1.857	0.000	96	1776982	200.0	191.8	
20 Acrolein	56	1.882	1.882	0.000	92	28660	200.0	203.9	
21 3-Chloro-1-propene	76	1.967	1.961	0.006	92	361323	200.0	185.8	
22 Isopropyl alcohol	45	1.991	1.985	0.006	98	473338	2000.0	1925.7	
23 Methylene Chloride	84	2.028	2.028	0.000	97	619381	200.0	182.7	
24 Acetone	43	2.058	2.058	0.000	86	947007	1000.0	920.0	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	97	609409	200.0	184.1	
26 Methyl acetate	43	2.138	2.132	0.006	100	3573958	1000.0	993.9	
27 Hexane	57	2.174	2.174	0.000	94	1229606	200.0	208.2	
28 Methyl tert-butyl ether	73	2.192	2.193	-0.001	96	1952049	200.0	196.9	
* 29 TBA-d9 (IS)	65	2.217	2.211	0.006	98	329855	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.266	2.260	0.006	99	712449	2000.0	2002.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.345	0.006	98	966318	2000.0	1988.2	
32 Isopropyl ether	45	2.442	2.443	0.000	97	2318890	200.0	193.8	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	573182	200.0	205.2	
34 1,1-Dichloroethane	63	2.522	2.516	0.006	99	1218349	200.0	193.0	
35 Acrylonitrile	53	2.558	2.552	0.006	94	2676954	2000.0	1896.4	
36 Tert-butyl ethyl ether	59	2.692	2.686	0.006	87	2103571	200.0	195.7	
38 Allyl alcohol	57	2.692	2.686	0.006	93	1033507	5000.0	4552.6	
37 Vinyl acetate	43	2.698	2.692	0.006	100	1064826	400.0	418.5	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	94	628887	200.0	192.2	
40 2,2-Dichloropropane	77	2.973	2.967	0.006	98	946751	200.0	192.5	
41 Cyclohexane	56	3.034	3.034	0.000	95	1068319	200.0	195.4	
42 Chlorobromomethane	128	3.040	3.040	0.000	92	288231	200.0	184.8	
43 Chloroform	83	3.101	3.101	0.000	98	1052801	200.0	189.2	
44 Carbon tetrachloride	117	3.198	3.192	0.006	98	761233	200.0	199.1	
45 Ethyl acetate	43	3.204	3.205	-0.001	98	1270871	400.0	389.3	
46 Methyl acrylate	55	3.204	3.205	-0.001	74	646325	200.0	200.0	
47 Tetrahydrofuran	42	3.217	3.217	0.000	94	579743	400.0	404.7	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	96	123824	50.0	50.8	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	906423	200.0	187.3	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	377319	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.339	0.006	99	399647	1000.0	915.8	
51 1,1-Dichloropropene	75	3.351	3.345	0.006	96	814235	200.0	189.7	
52 Isooctane	57	3.436	3.436	0.000	99	1288571	200.0	192.4	
53 n-Heptane	57	3.534	3.534	0.000	96	314422	200.0	200.8	
54 Benzene	78	3.546	3.546	0.000	97	2572668	200.0	190.2	
55 Propionitrile	54	3.582	3.570	0.012	48	984477	2000.0	1853.7	
56 Methacrylonitrile	67	3.601	3.589	0.012	94	2884943	2000.0	2153.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	41	151835	50.0	50.0	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	1857815	200.0	199.8	
59 1,2-Dichloroethane	62	3.723	3.717	0.006	97	846095	200.0	189.2	
60 Isobutyl alcohol	43	3.784	3.778	0.006	96	833508	5000.0	4641.9	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	601737	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	2658423	400.0	411.4	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	1389468	200.0	211.8	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	857903	200.0	202.1	
64 Trichloroethene	130	4.058	4.058	0.000	98	596554	200.0	190.4	
66 n-Butanol	56	4.436	4.430	0.006	92	512411	5000.0	4662.0	
67 Dibromomethane	93	4.442	4.442	0.000	97	371561	200.0	192.0	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	679996	200.0	194.5	
69 Ethyl acrylate	55	4.613	4.607	0.006	97	879406	200.0	213.5	
70 Dichlorobromomethane	83	4.625	4.619	0.006	99	847110	200.0	195.4	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	38	33285	1000.0	1000.0	
71 Methyl methacrylate	100	4.820	4.814	0.006	94	347709	400.0	423.2	
73 1,4-Dioxane	88	4.838	4.832	0.006	96	150915	4000.0	3714.7	
74 n-Propyl acetate	43	4.978	4.979	-0.001	100	1013050	200.0	211.1	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	96	386273	200.0	201.9	
76 cis-1,3-Dichloropropene	75	5.289	5.283	0.006	95	1068714	200.0	199.7	
$ 77 Toluene-d8 (Surr)	98	5.491	5.485	0.006	99	500798	50.0	50.1	
78 Toluene	91	5.545	5.546	-0.001	93	2620621	200.0	190.1	
79 Epichlorohydrin	57	5.576	5.570	0.006	100	1267304	4000.0	3691.2	
80 2-Nitropropane	41	5.814	5.814	0.000	97	374009	400.0	412.0	
81 Tetrachloroethene	166	5.984	5.984	0.000	95	532715	200.0	193.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	3338157	1000.0	978.2	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	94	940799	200.0	201.1	
84 1,1,2-Trichloroethane	83	6.240	6.234	0.006	95	459889	200.0	185.6	
85 Ethyl methacrylate	69	6.314	6.308	0.006	91	810236	200.0	197.0	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	593430	200.0	198.5	
87 1,3-Dichloropropane	76	6.564	6.558	0.006	97	967235	200.0	198.0	
88 Ethylene Dibromide	107	6.698	6.692	0.006	99	544397	200.0	198.0	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	919141	200.0	197.0	
90 2-Hexanone	43	7.106	7.106	0.000	98	2277510	1000.0	931.8	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	440033	50.0	50.0	
92 Chlorobenzene	112	7.423	7.417	0.006	92	1618820	200.0	192.9	
93 Ethylbenzene	106	7.508	7.502	0.006	99	871300	200.0	192.0	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	570521	200.0	200.8	
95 m-Xylene & p-Xylene	106	7.722	7.722	0.000	97	1064426	200.0	187.9	
96 o-Xylene	106	8.319	8.313	0.006	93	1034714	200.0	189.0	
97 Bromoform	173	8.386	8.386	0.000	96	389185	200.0	203.4	
98 Styrene	104	8.405	8.405	0.000	94	1858696	200.0	196.0	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	491078	200.0	209.7	
100 Isopropylbenzene	105	8.813	8.807	0.006	96	2669056	200.0	194.4	
101 Camphene	41	8.929	8.929	0.000	96	185365	200.0	201.1	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	1250913	200.0	207.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	84	138897	50.0	49.8	
104 Bromobenzene	156	9.307	9.301	0.006	95	645584	200.0	190.3	
105 N-Propylbenzene	91	9.453	9.447	0.006	99	3217069	200.0	189.0	
106 1,1,2,2-Tetrachloroethane	83	9.600	9.594	0.006	98	717686	200.0	204.9	
107 2-Chlorotoluene	91	9.630	9.630	0.000	96	2280341	200.0	189.4	
108 4-Ethyltoluene	105	9.648	9.642	0.006	98	2821486	200.0	194.7	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	99	197030	200.0	187.2	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	93	2282904	200.0	190.3	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	92	240968	200.0	208.1	
112 4-Chlorotoluene	91	9.904	9.898	0.006	98	2141176	200.0	191.9	
113 tert-Butylbenzene	119	10.276	10.270	0.006	93	1802542	200.0	190.0	
114 Butyl Methacrylate	87	10.398	10.392	0.006	96	910619	200.0	211.6	
115 1,2,4-Trimethylbenzene	105	10.404	10.404	0.000	97	2426766	200.0	192.4	
116 sec-Butylbenzene	105	10.575	10.569	0.006	99	2595020	200.0	188.0	
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	96	1251864	200.0	189.0	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	98	2353898	200.0	192.1	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	225911	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.996	10.996	0.000	94	1269890	200.0	184.8	
121 2,3-Dihydroindene	117	11.270	11.264	0.006	94	2483988	200.0	196.0	
122 Benzyl chloride	91	11.422	11.416	0.006	97	2077789	200.0	213.7	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	93	1386519	200.0	194.1	
124 n-Butylbenzene	91	11.502	11.502	0.000	98	2106390	200.0	191.3	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	94	1233679	200.0	196.0	
126 1,2,4,5-Tetramethylbenzene	119	12.447	12.441	0.006	97	2249634	200.0	193.6	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	97	148028	200.0	216.7	
128 1,3,5-Trichlorobenzene	180	12.629	12.630	-0.001	97	827025	200.0	188.1	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	800695	200.0	184.7	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	95	254312	200.0	213.6	
131 Camphor	95	13.532	13.532	0.000	93	436500	1000.0	972.6	
132 Naphthalene	128	13.568	13.568	0.000	99	2192431	200.0	189.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	707004	200.0	204.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	376.2	
S 135 Xylenes, Total	100				0		400.0	377.0	
S 136 Total BTEX	1				0		1000.0	949.3	

Reagents:

GAS Hi_00101	Amount Added:	20.00	Units: uL		
MIX 2 Hi_00031	Amount Added:	20.00	Units: uL		
ACROLEIN W_00039	Amount Added:	20.00	Units: uL		
MIX I Hi_00043	Amount Added:	20.00	Units: uL		
8260 MIX3 HI_00015	Amount Added:	20.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 23-Jun-2015 15:09:29 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00400.D

Injection Date: 19-Jun-2015 23:27:30 Instrument ID: CVOAMS13 Operator ID:

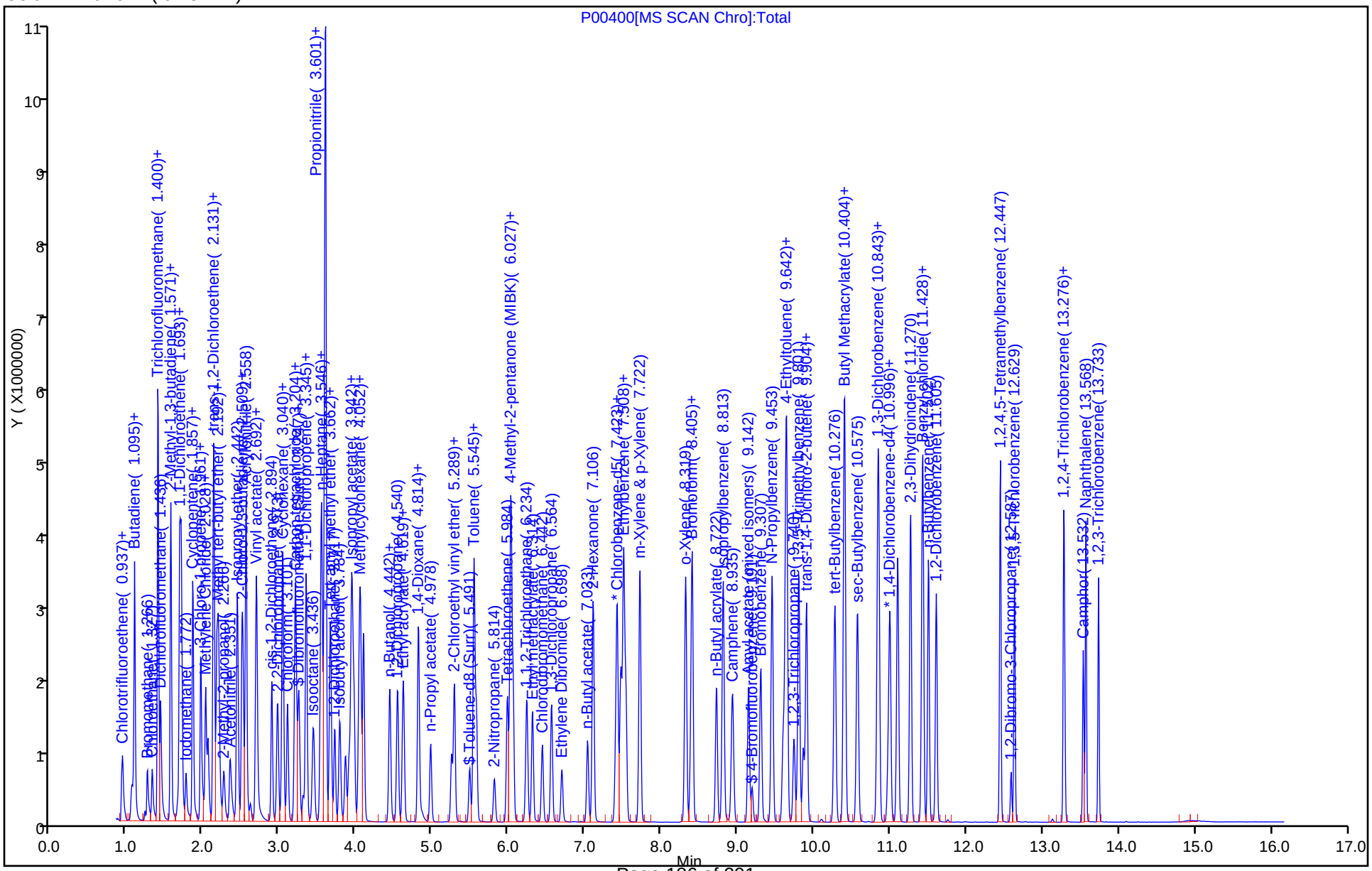
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00401.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Jun-2015 23:52:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0028740-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:09:31 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: desais Date: 22-Jun-2015 12:01:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.925	0.000	89	234973	500.0	499.8	
2 Dichlorodifluoromethane	85	0.937	0.943	-0.006	99	1810468	500.0	486.4	
4 Chloromethane	50	1.065	1.071	-0.006	99	1704703	500.0	481.9	
3 Vinyl chloride	62	1.089	1.089	0.000	98	2004570	500.0	485.3	
5 Butadiene	54	1.095	1.095	0.000	98	1869923	500.0	465.7	
6 Bromomethane	94	1.260	1.260	0.000	100	1154854	500.0	491.8	
7 Chloroethane	64	1.321	1.333	-0.012	99	1104560	500.0	499.9	
8 Pentane	72	1.400	1.406	-0.006	96	531052	1000.0	1000.1	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	98	2477113	500.0	486.8	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	3068297	500.0	445.4	
11 2-Methyl-1,3-butadiene	67	1.565	1.571	-0.006	98	2312838	500.0	478.8	
12 Ethyl ether	59	1.577	1.577	0.000	97	1392971	500.0	457.4	
13 Ethanol	46	1.668	1.656	0.012	99	374440	20000	20004	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	81	1814415	500.0	456.1	
14 1,1-Dichloroethene	96	1.686	1.687	-0.001	97	1408330	500.0	492.7	
16 Carbon disulfide	76	1.705	1.705	0.000	100	5278956	500.0	481.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	96	1396098	500.0	499.4	
18 Iodomethane	142	1.772	1.772	0.000	98	1558803	500.0	499.4	
19 Cyclopentene	67	1.857	1.857	0.000	96	4490668	500.0	466.7	
20 Acrolein	56	1.882	1.882	0.000	91	54867	400.0	399.3	
21 3-Chloro-1-propene	76	1.967	1.961	0.006	92	801904	500.0	396.9	
22 Isopropyl alcohol	45	2.003	1.985	0.018	96	1125960	5000.0	5150.7	
23 Methylene Chloride	84	2.028	2.028	0.000	96	1556817	500.0	442.2	
24 Acetone	43	2.058	2.058	0.000	86	2645861	2500.0	2583.4	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	97	1559402	500.0	453.5	
26 Methyl acetate	43	2.138	2.132	0.006	100	8996253	2500.0	2408.6	
27 Hexane	57	2.174	2.174	0.000	94	3004415	500.0	490.5	
28 Methyl tert-butyl ether	73	2.199	2.193	0.006	92	4910194	500.0	476.7	
* 29 TBA-d9 (IS)	65	2.235	2.211	0.024	97	326869	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.260	0.018	99	1715248	5000.0	4999.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.345	0.006	98	2337957	5000.0	5001.8	
32 Isopropyl ether	45	2.448	2.443	0.006	98	5817996	500.0	468.1	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	1426518	500.0	491.7	
34 1,1-Dichloroethane	63	2.522	2.516	0.006	99	3040566	500.0	463.7	
35 Acrylonitrile	53	2.564	2.552	0.012	94	6584255	5000.0	4490.5	
36 Tert-butyl ethyl ether	59	2.692	2.686	0.006	87	5278805	500.0	472.8	
38 Allyl alcohol	57	2.692	2.686	0.006	58	2540618	12500	11294	
37 Vinyl acetate	43	2.698	2.692	0.006	100	2128835	1000.0	805.5	
39 cis-1,2-Dichloroethene	96	2.900	2.894	0.006	94	1587929	500.0	467.1	
40 2,2-Dichloropropane	77	2.973	2.967	0.006	98	2356727	500.0	461.3	
41 Cyclohexane	56	3.040	3.034	0.006	95	2648940	500.0	466.4	
42 Chlorobromomethane	128	3.040	3.040	0.000	91	716072	500.0	442.1	
43 Chloroform	83	3.107	3.101	0.006	98	2641778	500.0	457.2	
44 Carbon tetrachloride	117	3.198	3.192	0.006	98	1952426	500.0	491.7	
45 Ethyl acetate	43	3.211	3.205	0.006	99	3075721	1000.0	944.0	
46 Methyl acrylate	55	3.211	3.205	0.006	89	1563315	500.0	465.7	
47 Tetrahydrofuran	42	3.223	3.217	0.006	94	1413106	1000.0	988.3	
$ 48 Dibromofluoromethane (Surr	113	3.247	3.235	0.012	96	127967	50.0	50.6	
49 1,1,1-Trichloroethane	97	3.253	3.247	0.006	98	2281741	500.0	453.9	
* 157 2-Butanone-d5	46	3.314	3.302	0.012	0	376622	250.0	250.0	
50 2-Butanone (MEK)	72	3.351	3.339	0.012	99	1006239	2500.0	2310.1	
51 1,1-Dichloropropene	75	3.351	3.345	0.006	96	2047654	500.0	459.2	
52 Isooctane	57	3.442	3.436	0.006	99	3039080	500.0	436.9	
53 n-Heptane	57	3.540	3.534	0.006	93	754663	500.0	499.9	
54 Benzene	78	3.552	3.546	0.006	96	6540440	500.0	463.4	
55 Propionitrile	54	3.601	3.570	0.031	93	2400334	5000.0	4561.0	
56 Methacrylonitrile	67	3.613	3.589	0.024	93	7159114	5000.0	5145.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.674	3.662	0.012	94	151097	50.0	47.9	
58 Tert-amyl methyl ether	73	3.668	3.662	0.006	98	4657185	500.0	482.3	
59 1,2-Dichloroethane	62	3.729	3.717	0.012	97	2096743	500.0	451.3	
60 Isobutyl alcohol	43	3.802	3.778	0.024	96	2052143	12500	11533	
* 61 Fluorobenzene	96	3.912	3.906	0.006	99	625035	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.948	3.942	0.006	95	6317717	1000.0	941.3	
62 Isopropyl acetate	43	3.979	3.973	0.006	98	3364387	500.0	493.7	
63 Methylcyclohexane	83	4.046	4.040	0.006	95	2096300	500.0	475.5	
64 Trichloroethene	130	4.064	4.058	0.006	98	1554967	500.0	477.7	
66 n-Butanol	56	4.454	4.430	0.024	90	1236790	12500	11355	
67 Dibromomethane	93	4.448	4.442	0.006	96	923577	500.0	459.5	
68 1,2-Dichloropropane	63	4.546	4.540	0.006	91	1698003	500.0	467.6	
69 Ethyl acrylate	55	4.619	4.607	0.012	97	2123983	500.0	496.5	
70 Dichlorobromomethane	83	4.625	4.619	0.006	99	2145463	500.0	476.3	
* 72 1,4-Dioxane-d8	96	4.826	4.808	0.018	39	30572	1000.0	1000.0	
71 Methyl methacrylate	100	4.820	4.814	0.006	94	848932	1000.0	994.6	
73 1,4-Dioxane	88	4.850	4.832	0.018	96	364121	10000	9758.1	
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	2428351	500.0	487.1	
75 2-Chloroethyl vinyl ether	63	5.259	5.247	0.012	96	937138	500.0	471.6	
76 cis-1,3-Dichloropropene	75	5.295	5.283	0.012	94	2704662	500.0	484.4	
$ 77 Toluene-d8 (Surr)	98	5.491	5.485	0.006	99	515933	50.0	49.5	
78 Toluene	91	5.552	5.546	0.006	92	6738564	500.0	468.5	
79 Epichlorohydrin	57	5.588	5.570	0.018	100	3118258	10000	9099.2	
80 2-Nitropropane	41	5.820	5.814	0.006	96	893641	1000.0	947.7	
81 Tetrachloroethene	166	5.984	5.984	0.000	95	1378151	500.0	478.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.039	6.021	0.018	98	8230136	2500.0	2416.1	
83 trans-1,3-Dichloropropene	75	6.070	6.052	0.018	95	2384093	500.0	488.5	
84 1,1,2-Trichloroethane	83	6.247	6.234	0.013	95	1154452	500.0	446.6	
85 Ethyl methacrylate	69	6.320	6.308	0.012	91	2019797	500.0	472.8	
86 Chlorodibromomethane	129	6.448	6.442	0.006	98	1520110	500.0	487.3	
87 1,3-Dichloropropane	76	6.570	6.558	0.012	97	2428373	500.0	476.3	
88 Ethylene Dibromide	107	6.704	6.692	0.012	98	1358339	500.0	473.4	
89 n-Butyl acetate	43	7.039	7.033	0.006	98	2218572	500.0	455.6	
90 2-Hexanone	43	7.118	7.106	0.012	98	5703360	2500.0	2337.6	
* 91 Chlorobenzene-d5	117	7.405	7.399	0.006	88	459165	50.0	50.0	
92 Chlorobenzene	112	7.429	7.417	0.012	93	4148378	500.0	473.8	
93 Ethylbenzene	106	7.515	7.502	0.013	99	2216315	500.0	468.0	
94 1,1,1,2-Tetrachloroethane	131	7.545	7.533	0.012	95	1456339	500.0	491.3	
95 m-Xylene & p-Xylene	106	7.728	7.722	0.006	97	2680382	500.0	453.5	
96 o-Xylene	106	8.325	8.313	0.012	93	2600273	500.0	455.2	
97 Bromoform	173	8.392	8.386	0.006	96	1004712	500.0	503.3	
98 Styrene	104	8.411	8.405	0.006	94	4743212	500.0	479.4	
99 n-Butyl acrylate	73	8.734	8.722	0.012	96	1198104	500.0	490.4	
100 Isopropylbenzene	105	8.819	8.807	0.012	96	6776756	500.0	473.0	
101 Camphene	41	8.941	8.929	0.012	96	432825	500.0	499.8	
102 Amyl acetate (mixed isomer	43	9.148	9.142	0.006	89	3010147	500.0	489.0	
$ 103 4-Bromofluorobenzene	174	9.197	9.191	0.006	84	143220	50.0	49.2	
104 Bromobenzene	156	9.313	9.301	0.012	96	1657809	500.0	479.9	
105 N-Propylbenzene	91	9.459	9.447	0.012	99	8064842	500.0	465.2	
106 1,1,2,2-Tetrachloroethane	83	9.606	9.594	0.012	98	1726711	500.0	484.1	
107 2-Chlorotoluene	91	9.642	9.630	0.012	96	5811902	500.0	473.8	
108 4-Ethyltoluene	105	9.654	9.642	0.012	99	7110055	500.0	481.7	
109 1,2,3-Trichloropropane	110	9.752	9.734	0.018	99	485691	500.0	453.1	
110 1,3,5-Trimethylbenzene	105	9.813	9.795	0.018	93	5700693	500.0	466.6	
111 trans-1,4-Dichloro-2-buten	53	9.868	9.856	0.012	92	590877	500.0	500.9	
112 4-Chlorotoluene	91	9.917	9.898	0.019	98	5416305	500.0	476.6	
113 tert-Butylbenzene	119	10.282	10.270	0.012	93	4471763	500.0	462.8	
114 Butyl Methacrylate	87	10.404	10.392	0.012	94	2281794	500.0	520.6	
115 1,2,4-Trimethylbenzene	105	10.416	10.404	0.012	97	6089083	500.0	474.0	
116 sec-Butylbenzene	105	10.581	10.569	0.012	99	6344929	500.0	451.4	
117 1,3-Dichlorobenzene	146	10.849	10.831	0.018	96	3160835	500.0	468.6	
118 4-Isopropyltoluene	119	10.861	10.843	0.018	98	5766751	500.0	462.1	
* 119 1,4-Dichlorobenzene-d4	152	10.983	10.971	0.012	97	230109	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.008	10.996	0.012	94	3145595	500.0	449.4	
121 2,3-Dihydroindene	117	11.276	11.264	0.012	94	6045264	500.0	468.2	
122 Benzyl chloride	91	11.428	11.416	0.012	97	4932734	500.0	498.1	
123 p-Diethylbenzene	119	11.441	11.429	0.012	93	3251475	500.0	446.9	
124 n-Butylbenzene	91	11.508	11.502	0.006	98	4863397	500.0	433.7	
125 1,2-Dichlorobenzene	146	11.611	11.599	0.012	95	2992297	500.0	466.8	
126 1,2,4,5-Tetramethylbenzene	119	12.453	12.441	0.012	97	5330797	500.0	450.3	
127 1,2-Dibromo-3-Chloropropan	157	12.593	12.587	0.006	97	349913	500.0	502.9	
128 1,3,5-Trichlorobenzene	180	12.636	12.630	0.006	97	1956675	500.0	437.0	
129 1,2,4-Trichlorobenzene	180	13.282	13.276	0.006	94	1993151	500.0	451.4	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	93	632868	500.0	485.0	
131 Camphor	95	13.532	13.532	0.000	92	973297	2500.0	2129.1	
132 Naphthalene	128	13.568	13.568	0.000	99	5280259	500.0	448.3	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	1735815	500.0	492.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	920.6	
S 135 Xylenes, Total	100				0		1000.0	908.8	
S 136 Total BTEX	1				0		2500.0	2308.7	

Reagents:

GAS Hi_00101	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00031	Amount Added:	50.00	Units: uL	
ACROLEIN W_00039	Amount Added:	40.00	Units: uL	
MIX I Hi_00043	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00015	Amount Added:	50.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent

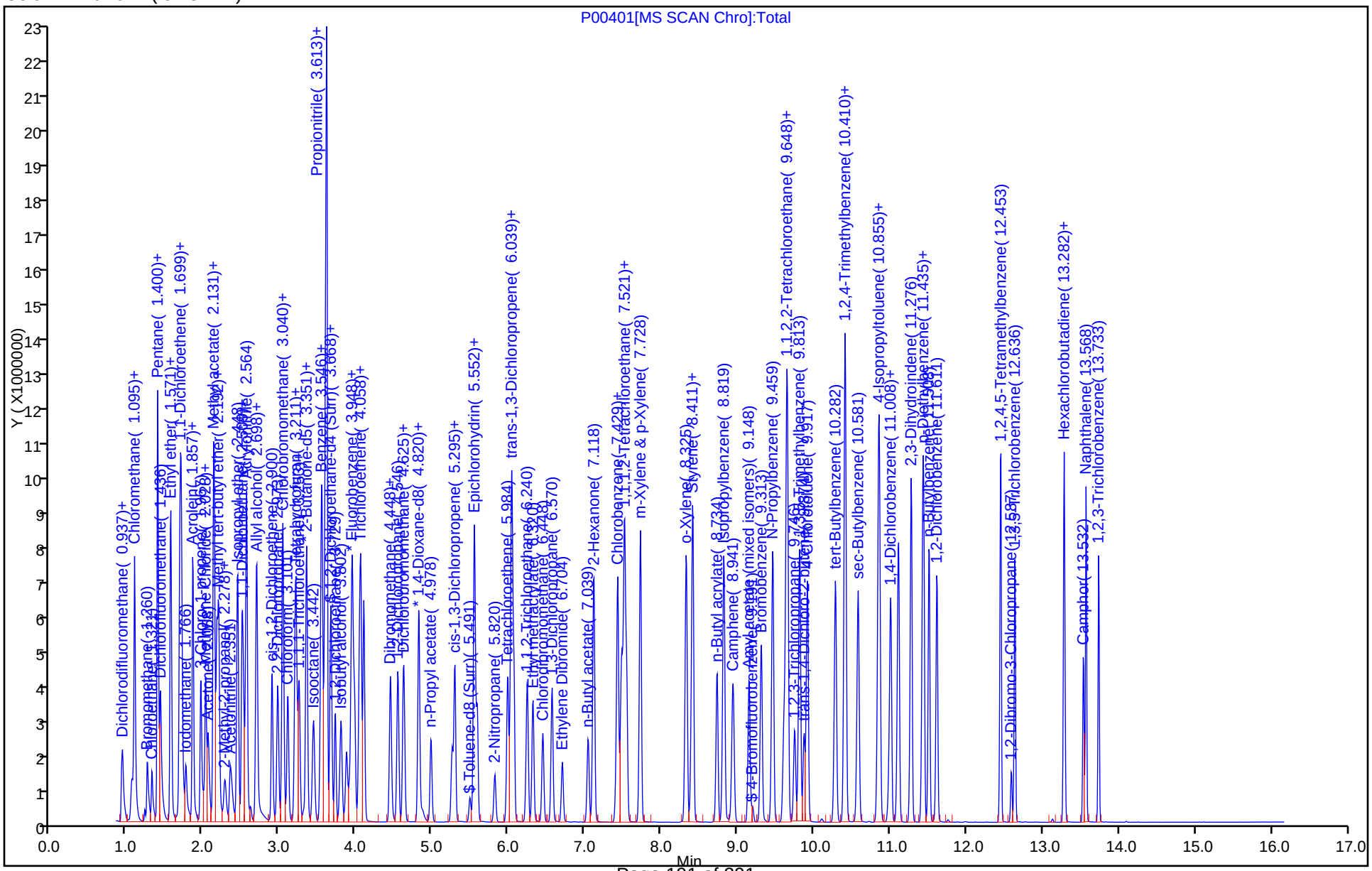
Report Date: 23-Jun-2015 15:09:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00401.D

Injection Date:	19-Jun-2015 23:52:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00404.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Jun-2015 01:07:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0028740-012
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:09:35 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: baronm Date: 23-Jun-2015 13:09:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.211	0.000	98	304132	1000.0	1000.0	
35 Acrylonitrile	53	2.552	2.552	0.000	99	3900	2.00	2.78	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	96	123359	50.0	50.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	343582	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	155156	50.0	51.3	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	598936	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	92	31049	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	488417	50.0	50.0	
79 Epichlorohydrin	57	5.576	5.570	0.006	95	2003	5.00	6.41	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	87	429523	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	85	141385	50.0	51.9	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	220997	50.0	50.0	

Reagents:

GAS Hi_00101	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00031	Amount Added:	0.00	Units: uL	
ACROLEIN W_00039	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00011	Amount Added:	2.00	Units: uL	
MIX I Hi_00043	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00015	Amount Added:	0.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent

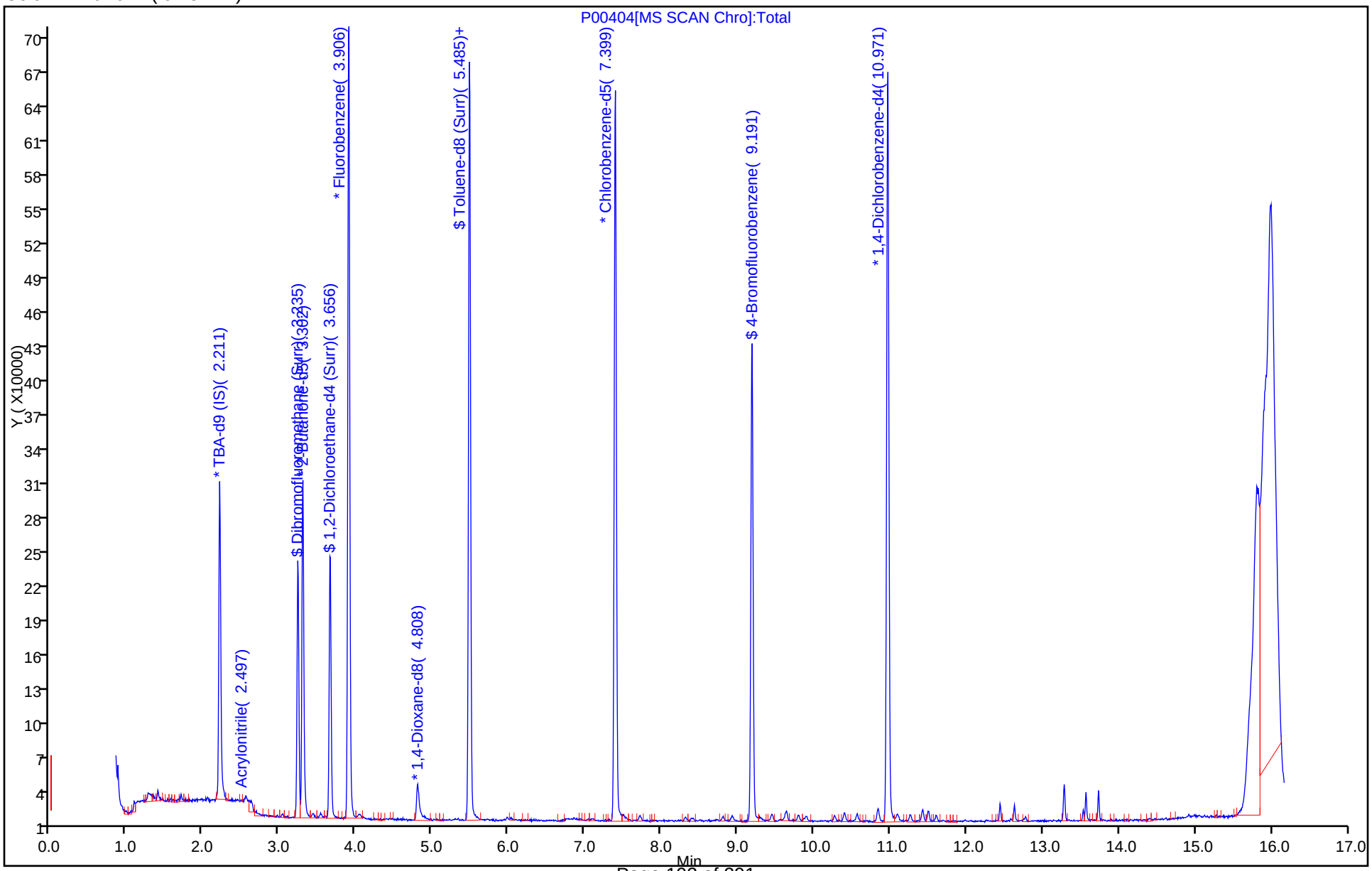
Report Date: 23-Jun-2015 15:09:54 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00404.D

Injection Date:	20-Jun-2015 01:07:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Jun-2015 03:12:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0028740-017
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:10:07 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: desais Date: 22-Jun-2015 12:05:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.918	0.925	-0.006	75	491	0.5000	1.16	
2 Dichlorodifluoromethane	85	0.937	0.943	-0.006	98	1580	0.5000	0.4365	
4 Chloromethane	50	1.058	1.071	-0.013	92	1750	0.5000	0.5087	
3 Vinyl chloride	62	1.083	1.089	-0.006	72	2117	0.5000	0.5270	
5 Butadiene	54	1.095	1.095	0.000	98	2201	0.5000	0.5637	
6 Bromomethane	94	1.260	1.260	0.000	20	982	0.5000	0.4677	
7 Chloroethane	64	1.327	1.333	-0.006	93	1789	0.5000	0.4739	M
8 Pentane	72	1.394	1.406	-0.012	93	739	1.00	0.99	
9 Trichlorofluoromethane	101	1.400	1.406	-0.006	63	2438	0.5000	0.4927	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	3851	0.5000	0.5748	
11 2-Methyl-1,3-butadiene	67	1.564	1.571	-0.007	93	2736	0.5000	0.5824	
12 Ethyl ether	59	1.577	1.577	0.000	74	1687	0.5000	0.5697	
13 Ethanol	46	1.662	1.656	0.006	66	456	20.0	28.2	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	78	2380	0.5000	0.6152	
14 1,1-Dichloroethene	96	1.680	1.687	-0.007	95	1471	0.5000	0.5292	
16 Carbon disulfide	76	1.705	1.705	0.000	100	6278	0.5000	0.5884	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	48	1449	0.5000	0.5330	
18 Iodomethane	142	1.766	1.772	-0.006	91	592	0.5000	0.2045	
19 Cyclopentene	67	1.857	1.857	0.000	97	6035	0.5000	0.6450	
20 Acrolein	56	1.882	1.882	0.000	27	313	2.00	1.27	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	1273	0.5000	0.6479	
22 Isopropyl alcohol	45	1.985	1.985	0.000	92	1641	5.00	4.56	
23 Methylene Chloride	84	2.028	2.028	0.000	95	1953	0.5000	0.5704	
24 Acetone	43	2.052	2.058	-0.006	87	6227	2.50	2.57	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	1910	0.5000	0.5712	
26 Methyl acetate	43	2.131	2.132	-0.001	99	9913	2.50	2.73	
27 Hexane	57	2.174	2.174	0.000	70	5915	0.5000	0.5065	
28 Methyl tert-butyl ether	73	2.192	2.193	-0.001	87	5305	0.5000	0.5297	
* 29 TBA-d9 (IS)	65	2.211	2.211	0.000	98	270759	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.266	2.260	0.006	96	4771	5.00	1.34	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.345	2.345	0.000	96	4690	5.00	11.5	
32 Isopropyl ether	45	2.436	2.443	-0.006	95	6726	0.5000	0.5565	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	93	1521	0.5000	0.5391	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	97	3515	0.5000	0.5513	
35 Acrylonitrile	53	2.552	2.552	0.000	96	7181	5.00	5.04	
36 Tert-butyl ethyl ether	59	2.692	2.686	0.006	88	5746	0.5000	0.5293	
38 Allyl alcohol	57	2.686	2.686	0.000	47	3132	12.5	16.8	
37 Vinyl acetate	43	2.692	2.692	0.000	61	2791	1.00	1.09	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	91	1652	0.5000	0.4997	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	96	2876	0.5000	0.5789	
41 Cyclohexane	56	3.040	3.034	0.006	90	3534	0.5000	0.6399	
42 Chlorobromomethane	128	3.034	3.040	-0.006	76	895	0.5000	0.5682	
43 Chloroform	83	3.101	3.101	0.000	98	3433	0.5000	0.6109	
44 Carbon tetrachloride	117	3.192	3.192	0.000	63	2399	0.5000	0.6213	
45 Ethyl acetate	43	3.204	3.205	-0.001	96	3203	1.00	1.15	
46 Methyl acrylate	55	3.204	3.205	-0.001	66	1975	0.5000	0.6051	
47 Tetrahydrofuran	42	3.223	3.217	0.006	62	1207	1.00	0.99	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	96	121747	50.0	49.5	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	35	3041	0.5000	0.6221	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	320768	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.339	0.000	97	967	2.50	2.61	
51 1,1-Dichloropropene	75	3.339	3.345	-0.006	48	2837	0.5000	0.6543	
52 Isooctane	57	3.442	3.436	0.006	98	4160	0.5000	0.6150	
53 n-Heptane	57	3.528	3.534	-0.006	87	1467	0.5000	0.8849	
54 Benzene	78	3.546	3.546	0.000	95	7868	0.5000	0.5779	
55 Propionitrile	54	3.570	3.570	0.000	90	2673	5.00	6.13	
56 Methacrylonitrile	67	3.588	3.589	-0.001	92	6674	5.00	4.93	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	151073	50.0	49.3	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	38	4854	0.5000	0.5169	
59 1,2-Dichloroethane	62	3.710	3.717	-0.007	95	2630	0.5000	0.5821	
60 Isobutyl alcohol	43	3.784	3.778	0.006	91	1962	12.5	13.3	
* 61 Fluorobenzene	96	3.899	3.906	-0.007	98	607803	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.942	-0.006	48	5455	1.00	0.8358	
62 Isopropyl acetate	43	3.973	3.973	0.000	94	3299	0.5000	0.4979	
63 Methylcyclohexane	83	4.040	4.040	0.000	91	2484	0.5000	0.5794	
64 Trichloroethene	130	4.058	4.058	0.000	94	1849	0.5000	0.5841	
66 n-Butanol	56	4.430	4.430	0.000	65	1076	12.5	11.9	
67 Dibromomethane	93	4.442	4.442	0.000	91	1124	0.5000	0.5750	
68 1,2-Dichloropropane	63	4.546	4.540	0.006	90	2010	0.5000	0.5693	
69 Ethyl acrylate	55	4.613	4.607	0.006	78	1924	0.5000	0.4625	
70 Dichlorobromomethane	83	4.625	4.619	0.006	99	2405	0.5000	0.5491	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	93	30084	1000.0	1000.0	
71 Methyl methacrylate	100	4.820	4.814	0.006	84	864	1.00	1.04	
73 1,4-Dioxane	88	4.838	4.832	0.006	43	925	25.0	25.2	M
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	2438	0.5000	0.5029	
75 2-Chloroethyl vinyl ether	63	5.259	5.247	0.012	89	941	0.5000	0.4869	
76 cis-1,3-Dichloropropene	75	5.289	5.283	0.006	93	2598	0.5000	0.4823	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	487138	50.0	48.4	
78 Toluene	91	5.545	5.546	-0.001	92	7797	0.5000	0.5619	
79 Epichlorohydrin	57	5.570	5.570	0.000	97	3136	10.0	10.7	
80 2-Nitropropane	41	5.820	5.814	0.006	43	871	1.00	0.9498	M
81 Tetrachloroethene	166	5.984	5.984	0.000	95	1632	0.5000	0.5875	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	7090	2.50	2.44	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	95	2235	0.5000	0.4746	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	89	1498	0.5000	0.6006	
85 Ethyl methacrylate	69	6.314	6.308	0.006	83	2307	0.5000	0.5554	
86 Chlorodibromomethane	129	6.435	6.442	-0.007	94	1582	0.5000	0.5257	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	2413	0.5000	0.4906	
88 Ethylene Dibromide	107	6.710	6.692	0.018	58	1486	0.5000	0.5368	
89 n-Butyl acetate	43	7.033	7.033	0.000	95	2876	0.5000	0.6122	
90 2-Hexanone	43	7.106	7.106	0.000	99	5746	2.50	2.77	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	87	442997	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	91	4678	0.5000	0.5538	
93 Ethylbenzene	106	7.502	7.502	0.000	70	2514	0.5000	0.5503	M
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	87	1518	0.5000	0.5308	
95 m-Xylene & p-Xylene	106	7.716	7.722	-0.006	97	3135	0.5000	0.5498	
96 o-Xylene	106	8.313	8.313	0.000	93	2963	0.5000	0.5377	
97 Bromoform	173	8.380	8.386	-0.006	87	985	0.5000	0.5114	
98 Styrene	104	8.405	8.405	0.000	94	5147	0.5000	0.5392	
99 n-Butyl acrylate	73	8.728	8.722	0.006	97	1208	0.5000	0.5125	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	8188	0.5000	0.5924	
101 Camphene	41	8.929	8.929	0.000	88	1002	0.5000	1.01	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	85	2656	0.5000	0.4390	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	89	140573	50.0	50.1	
104 Bromobenzene	156	9.313	9.301	0.012	94	1798	0.5000	0.5295	
105 N-Propylbenzene	91	9.453	9.447	0.006	98	10846	0.5000	0.6365	
106 1,1,2,2-Tetrachloroethane	83	9.600	9.594	0.006	44	1543	0.5000	0.4401	
107 2-Chlorotoluene	91	9.630	9.630	0.000	92	7022	0.5000	0.5825	
108 4-Ethyltoluene	105	9.642	9.642	0.000	91	8282	0.5000	0.5708	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	19	603	0.5000	0.5724	M
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	93	7082	0.5000	0.5897	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	1	530	0.5000	0.4571	M
112 4-Chlorotoluene	91	9.904	9.898	0.006	97	6153	0.5000	0.5508	
113 tert-Butylbenzene	119	10.264	10.270	-0.006	91	5721	0.5000	0.6025	
114 Butyl Methacrylate	87	10.392	10.392	0.000	64	2028	0.5000	0.4708	
115 1,2,4-Trimethylbenzene	105	10.404	10.404	0.000	96	7145	0.5000	0.5659	
116 sec-Butylbenzene	105	10.569	10.569	0.000	98	8691	0.5000	0.6290	
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	73	4043	0.5000	0.6099	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	96	7374	0.5000	0.6012	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	226159	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.996	-0.007	87	4221	0.5000	0.6136	
121 2,3-Dihydroindene	117	11.270	11.264	0.006	93	6757	0.5000	0.5325	
122 Benzyl chloride	91	11.422	11.416	0.006	87	4676	0.5000	0.4804	
123 p-Diethylbenzene	119	11.435	11.429	0.006	86	4317	0.5000	0.6038	
124 n-Butylbenzene	91	11.502	11.502	0.000	99	7263	0.5000	0.6590	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	90	3408	0.5000	0.5409	
126 1,2,4,5-Tetramethylbenzene	119	12.447	12.441	0.005	96	6948	0.5000	0.5972	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	35	246	0.5000	0.3597	
128 1,3,5-Trichlorobenzene	180	12.629	12.630	-0.001	96	2827	0.5000	0.6424	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	2752	0.5000	0.6341	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	91	1285	0.5000	0.5226	
131 Camphor	95	13.538	13.532	0.006	89	1454	2.50	3.24	
132 Naphthalene	128	13.568	13.568	0.000	99	7114	0.5000	0.6145	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	94	2953	0.5000	0.5176	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1.00	1.07	
S 135 Xylenes, Total	100				0		1.00	1.09	
S 136 Total BTEX	1				0		2.50	2.78	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00101	Amount Added:	0.50	Units: uL		
MIX 2 Hi_00031	Amount Added:	0.50	Units: uL		
ACROLEIN W_00039	Amount Added:	2.00	Units: uL		
MIX I Hi_00043	Amount Added:	0.50	Units: uL		
14DIOXINTER_00032	Amount Added:	15.00	Units: uL		
8260 MIX3 HI_00015	Amount Added:	0.50	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 23-Jun-2015 15:10:09 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D

Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13 Operator ID:

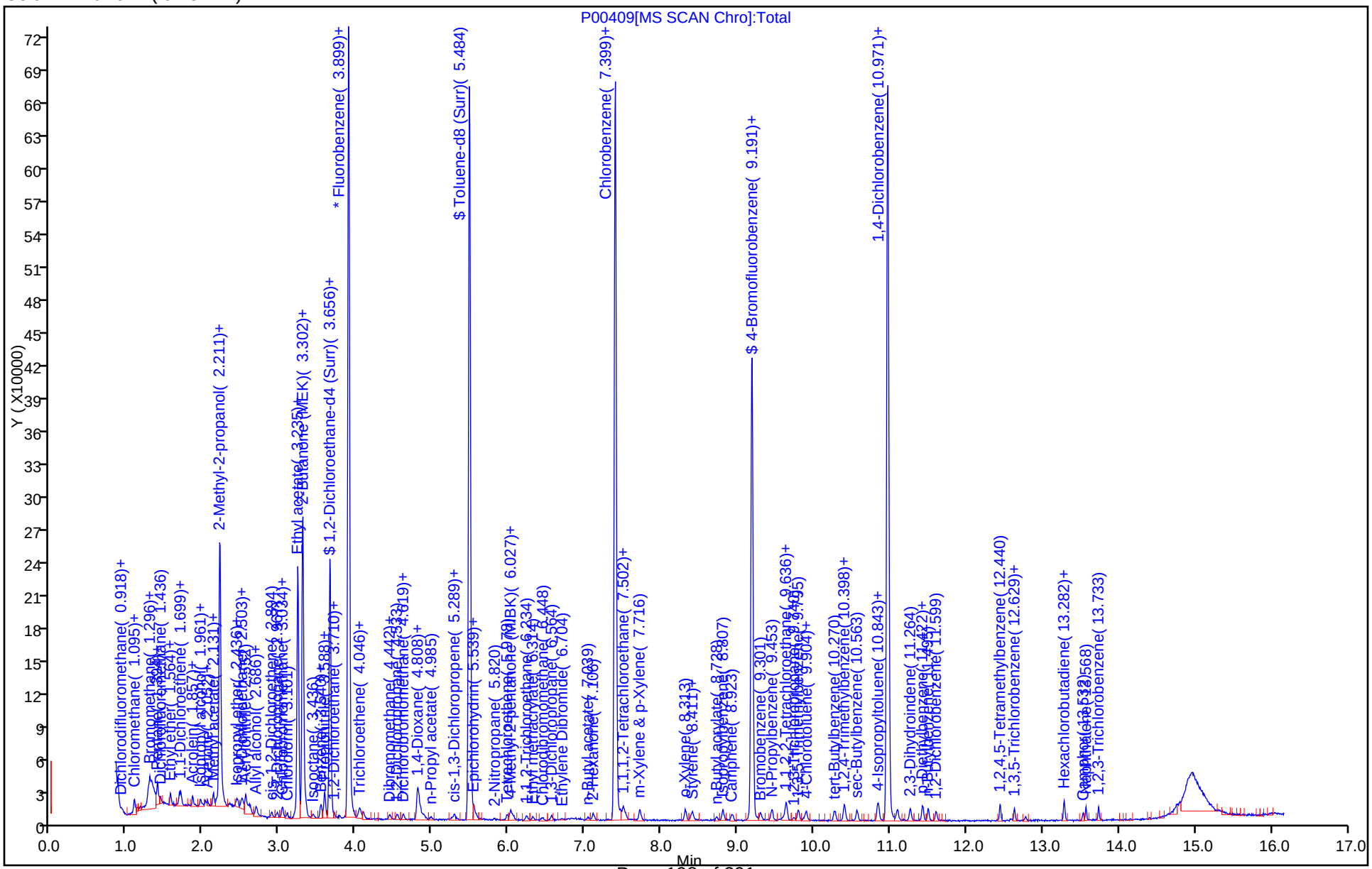
Lims ID: STD05 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

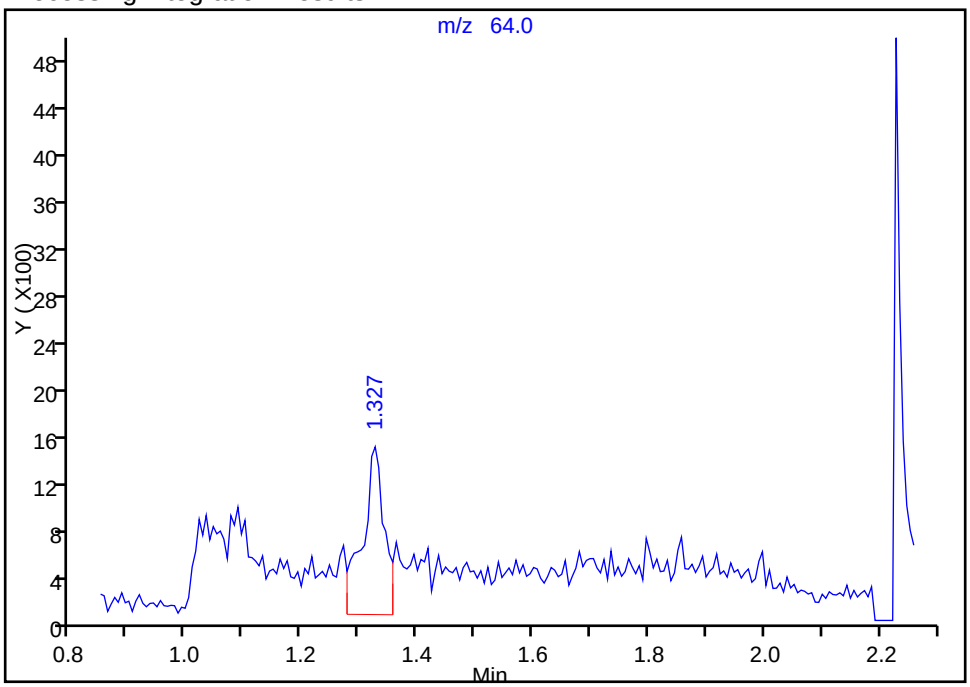
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloroethane, CAS: 75-00-3

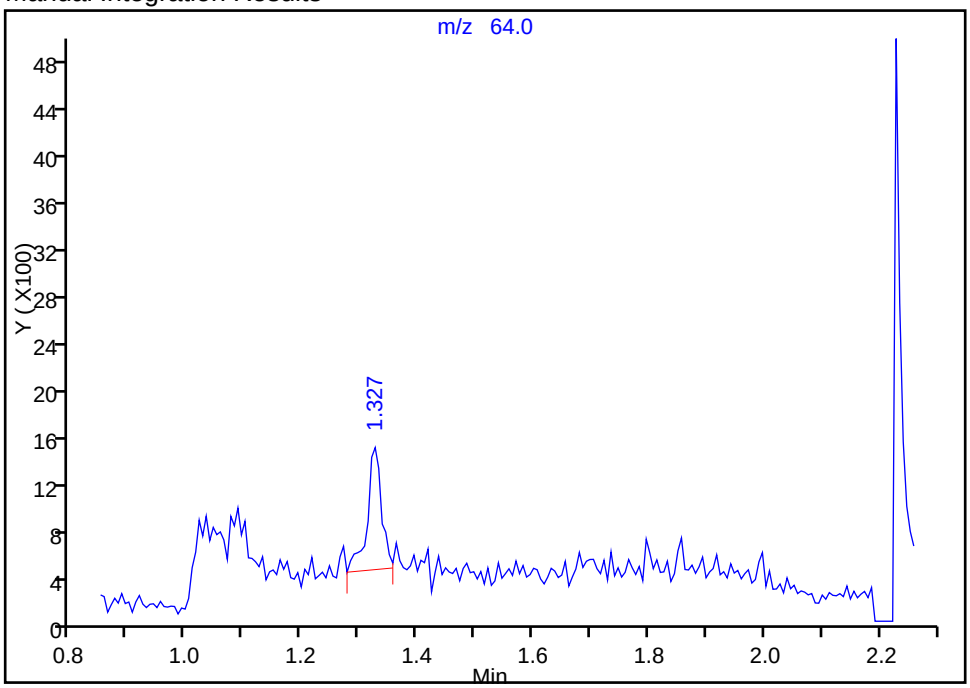
Processing Integration Results

RT: 1.33
Area: 3756
Amount: 1.106003
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 1789
Amount: 0.473938
Amount Units: ug/l



Reviewer: baronm, 23-Jun-2015 13:44:16
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

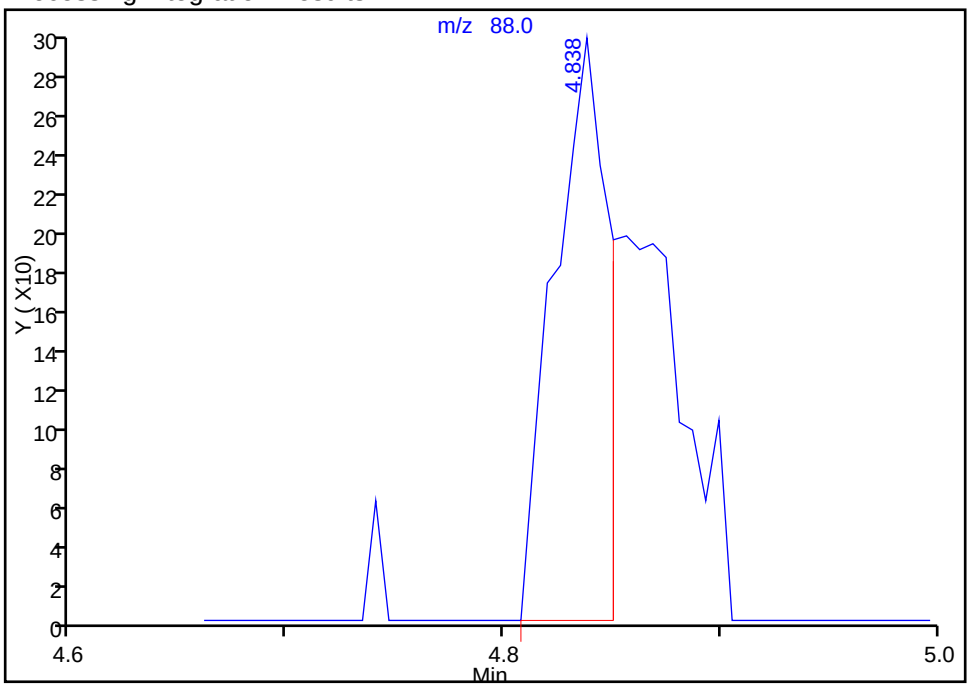
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 1,4-Dioxane, CAS: 123-91-1

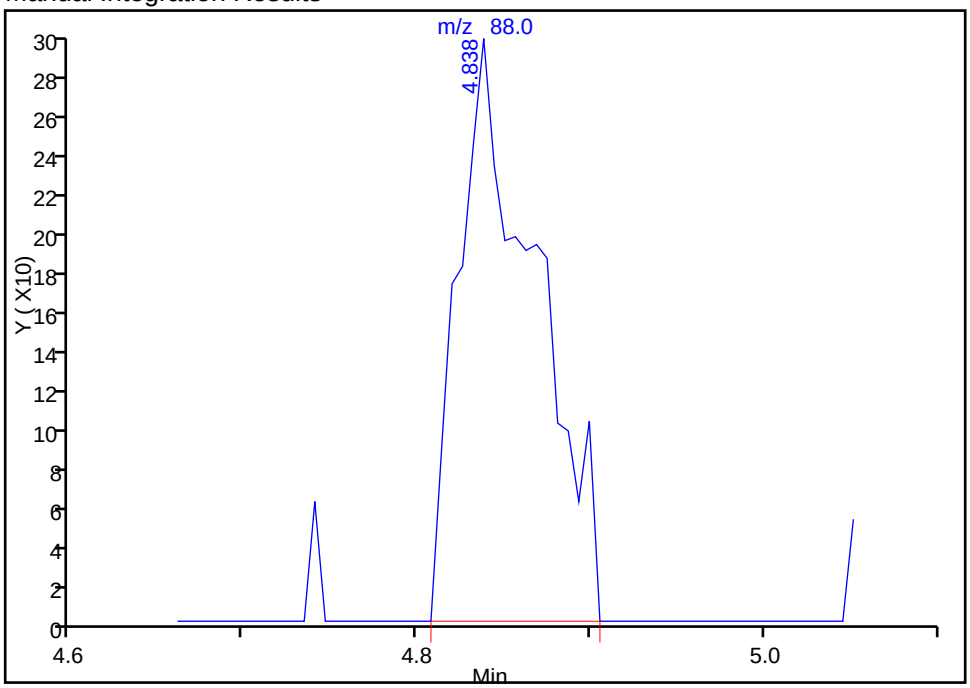
Processing Integration Results

RT: 4.84
Area: 514
Amount: 15.388474
Amount Units: ug/l



Manual Integration Results

RT: 4.84
Area: 925
Amount: 25.191219
Amount Units: ug/l



Reviewer: baronm, 23-Jun-2015 13:19:13
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

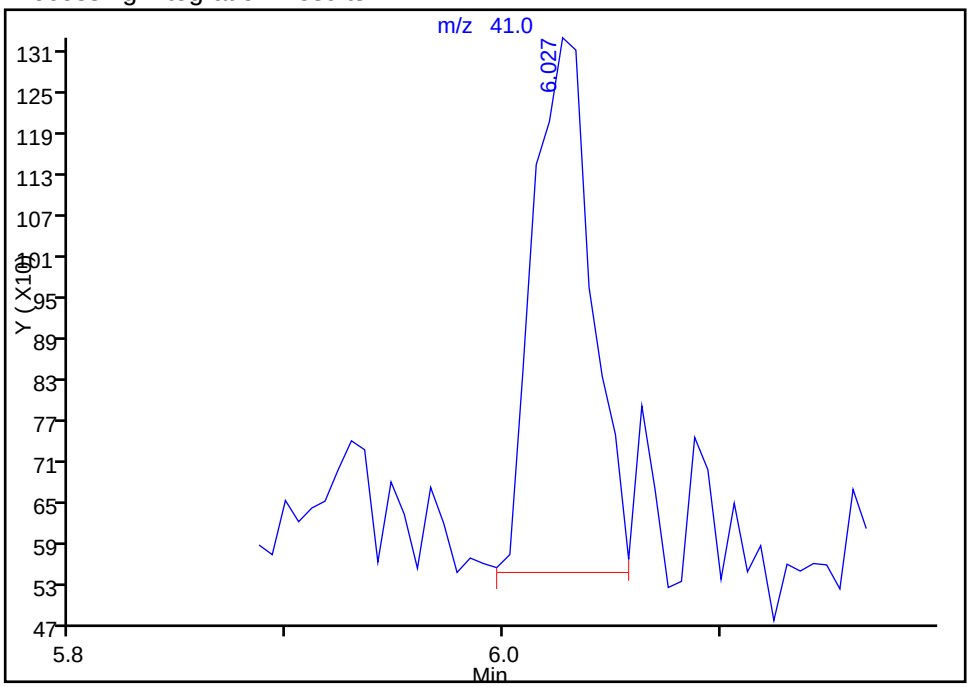
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 2-Nitropropane, CAS: 79-46-9

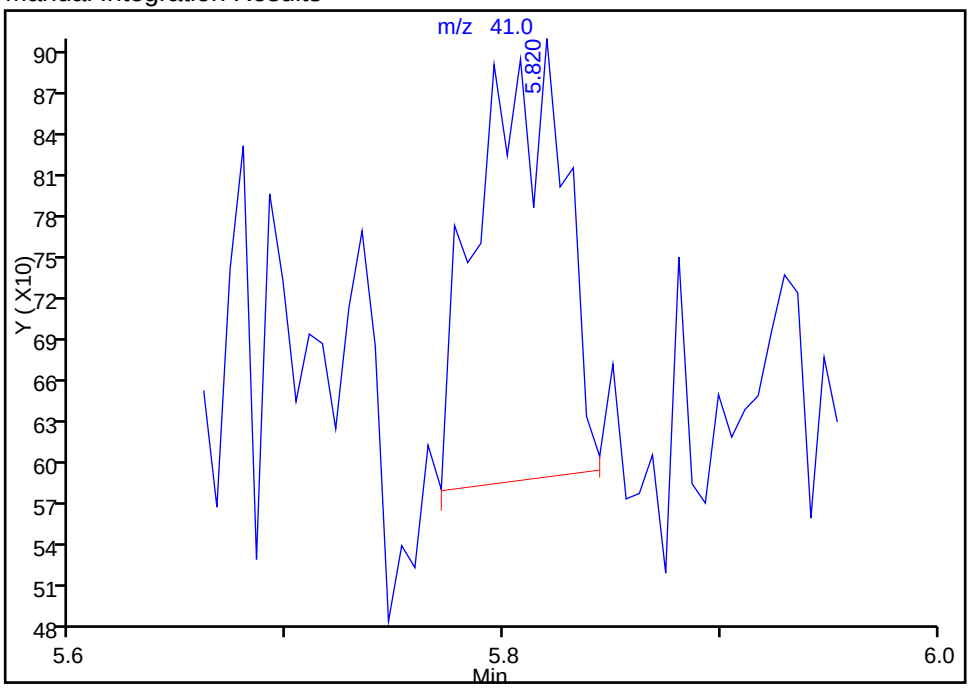
Processing Integration Results

RT: 6.03
Area: 1480
Amount: 1.512600
Amount Units: ug/l



Manual Integration Results

RT: 5.82
Area: 871
Amount: 0.949829
Amount Units: ug/l



Reviewer: baronm, 23-Jun-2015 14:22:50
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

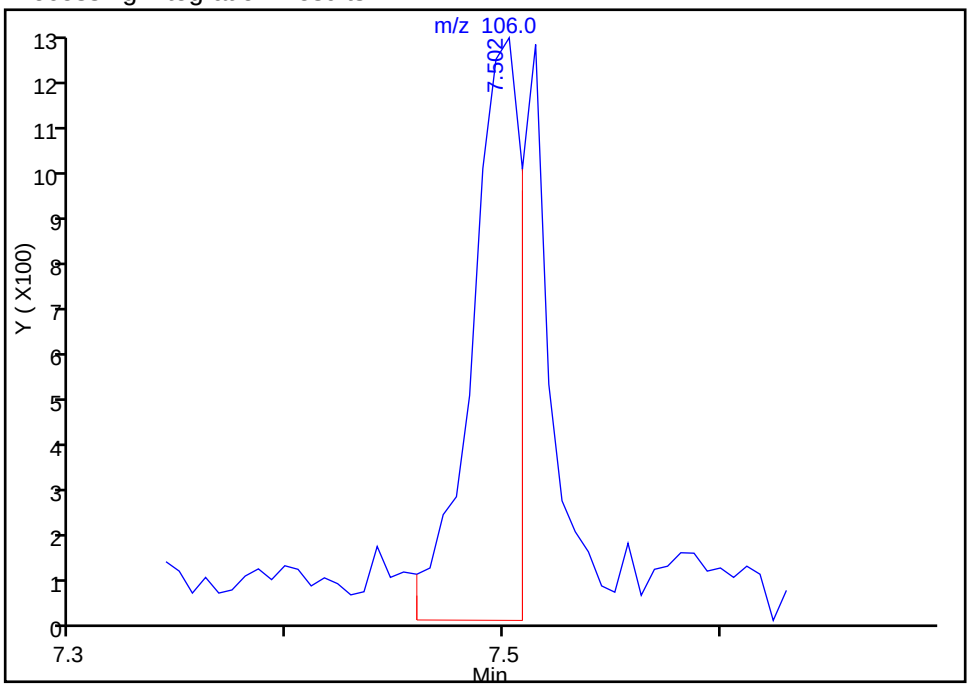
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 Ethylbenzene, CAS: 100-41-4

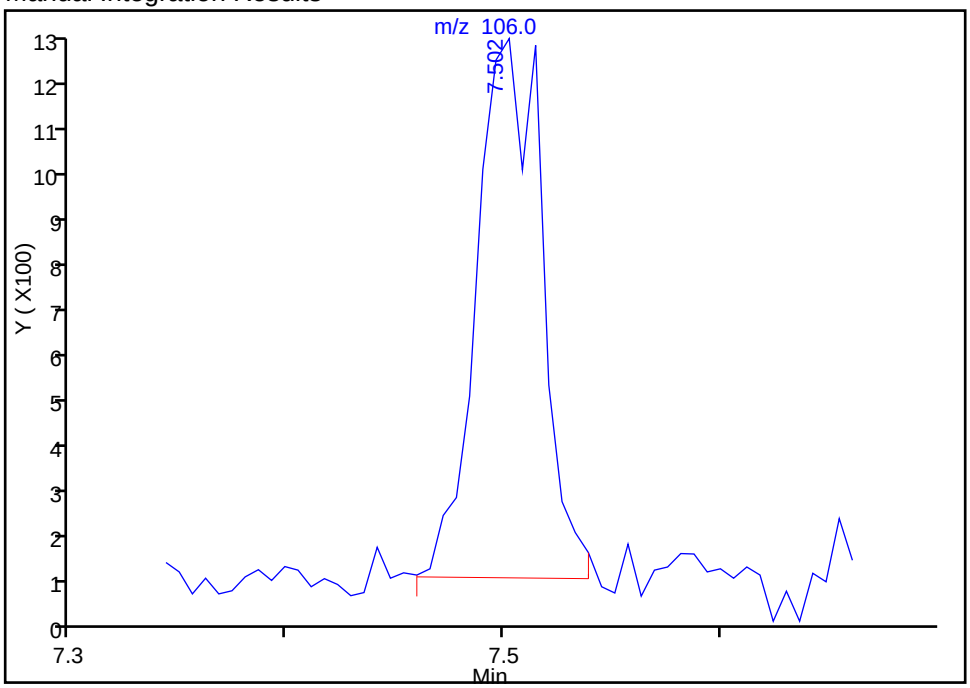
Processing Integration Results

RT: 7.50
Area: 2120
Amount: 0.475747
Amount Units: ug/l



Manual Integration Results

RT: 7.50
Area: 2514
Amount: 0.550263
Amount Units: ug/l



Reviewer: desais, 22-Jun-2015 12:12:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

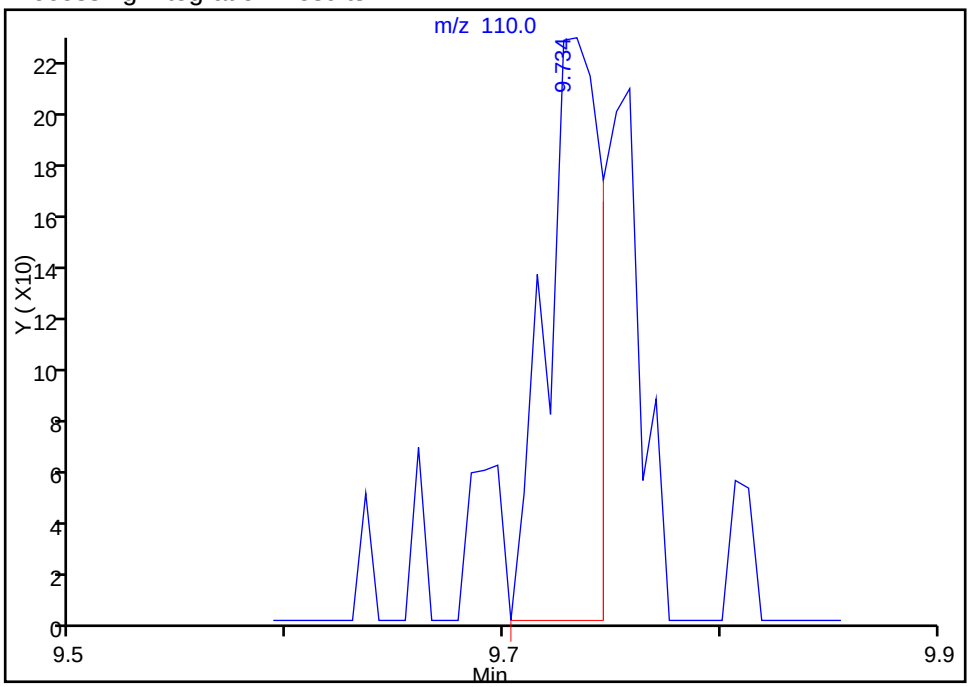
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

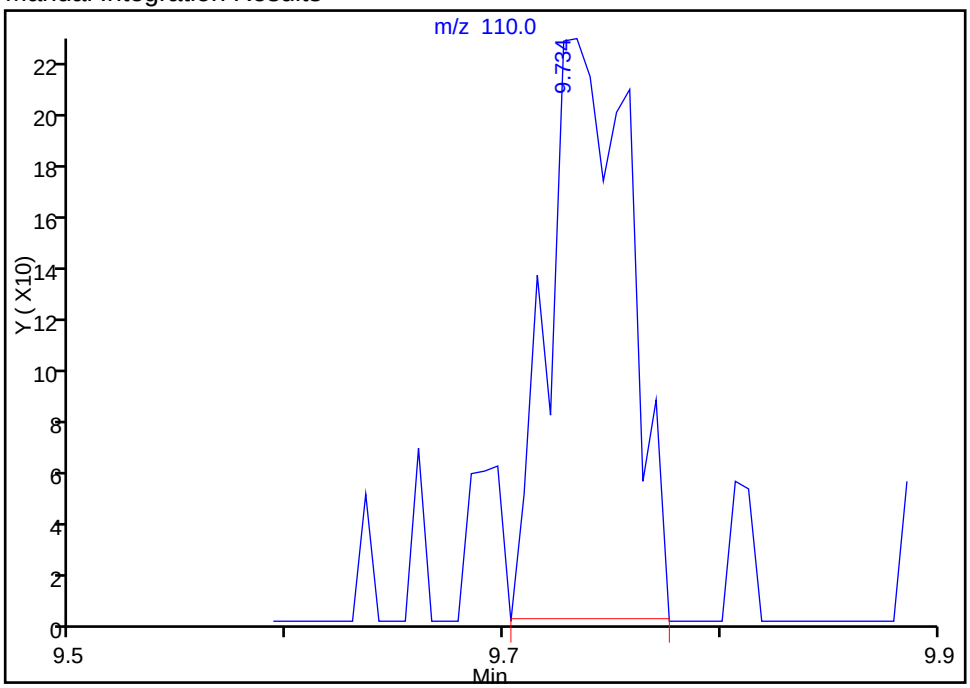
Processing Integration Results

RT: 9.73
Area: 406
Amount: 0.407117
Amount Units: ug/l



Manual Integration Results

RT: 9.73
Area: 603
Amount: 0.572355
Amount Units: ug/l



Reviewer: desais, 22-Jun-2015 12:12:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

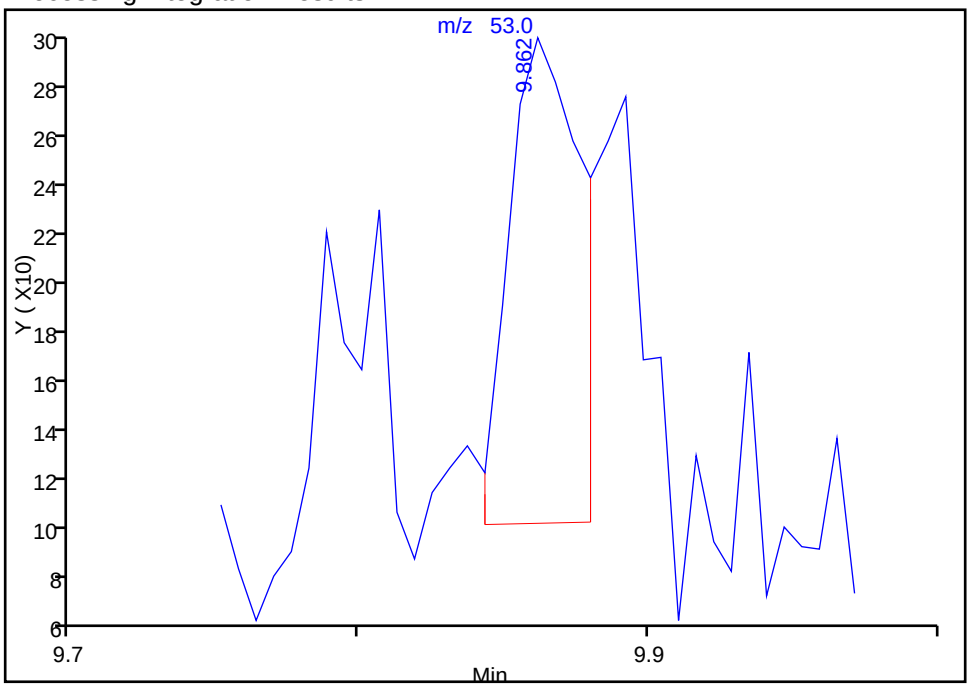
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00409.D
Injection Date: 20-Jun-2015 03:12:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

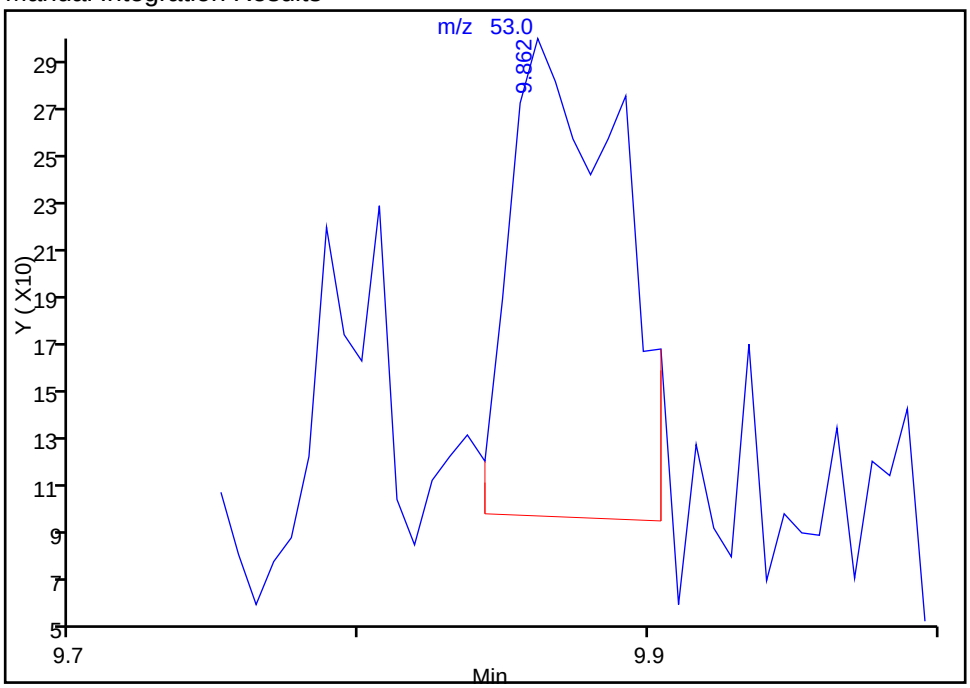
Processing Integration Results

RT: 9.86
Area: 348
Amount: 0.284540
Amount Units: ug/l



Manual Integration Results

RT: 9.86
Area: 530
Amount: 0.457106
Amount Units: ug/l



Reviewer: desais, 22-Jun-2015 12:12:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Jun-2015 03:37:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0028740-018
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2015 15:10:13 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: desais Date: 22-Jun-2015 12:09:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.925	0.925	0.000	85	563	1.00	1.33	
2 Dichlorodifluoromethane	85	0.937	0.943	-0.006	99	3659	1.00	1.01	
4 Chloromethane	50	1.065	1.071	-0.006	96	3699	1.00	1.07	
3 Vinyl chloride	62	1.083	1.089	-0.006	75	4038	1.00	1.00	
5 Butadiene	54	1.095	1.095	0.000	97	3908	1.00	1.00	
6 Bromomethane	94	1.260	1.260	0.000	91	1873	1.00	1.16	
7 Chloroethane	64	1.327	1.333	-0.006	97	3458	1.00	1.10	M
8 Pentane	72	1.394	1.406	-0.012	97	1447	2.00	2.48	
9 Trichlorofluoromethane	101	1.400	1.406	-0.006	58	5354	1.00	1.08	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	7933	1.00	1.18	
11 2-Methyl-1,3-butadiene	67	1.565	1.571	-0.006	96	5380	1.00	1.14	
12 Ethyl ether	59	1.571	1.577	-0.006	94	3309	1.00	1.12	
13 Ethanol	46	1.668	1.656	0.012	94	1171	40.0	68.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	79	3930	1.00	1.01	
14 1,1-Dichloroethene	96	1.687	1.687	0.000	98	2863	1.00	1.03	
16 Carbon disulfide	76	1.699	1.705	-0.006	99	11238	1.00	1.05	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.711	-0.006	41	3095	1.00	1.14	
18 Iodomethane	142	1.766	1.772	-0.006	94	1091	1.00	0.3766	
19 Cyclopentene	67	1.857	1.857	0.000	96	10068	1.00	1.08	
20 Acrolein	56	1.882	1.882	0.000	51	885	4.00	5.83	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	2218	1.00	1.13	
22 Isopropyl alcohol	45	1.985	1.985	0.000	94	3337	10.0	11.7	
23 Methylene Chloride	84	2.022	2.028	-0.006	94	3662	1.00	1.07	
24 Acetone	43	2.058	2.058	0.000	87	8306	5.00	4.62	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	97	3993	1.00	1.19	
26 Methyl acetate	43	2.132	2.132	0.000	99	18508	5.00	5.09	
27 Hexane	57	2.168	2.174	-0.006	75	8754	1.00	0.9822	
28 Methyl tert-butyl ether	73	2.193	2.193	0.000	90	10169	1.00	1.01	
* 29 TBA-d9 (IS)	65	2.211	2.211	0.000	99	285289	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.266	2.260	0.006	98	6561	10.0	6.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.345	2.345	0.000	95	8612	10.0	20.1	
32 Isopropyl ether	45	2.436	2.443	-0.006	98	12158	1.00	1.01	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	93	3048	1.00	1.08	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	6820	1.00	1.07	
35 Acrylonitrile	53	2.552	2.552	0.000	94	13320	10.0	9.33	
36 Tert-butyl ethyl ether	59	2.686	2.686	0.000	86	11133	1.00	1.02	
38 Allyl alcohol	57	2.692	2.686	0.006	44	4552	25.0	23.2	
37 Vinyl acetate	43	2.692	2.692	0.000	60	5766	2.00	2.24	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	95	3688	1.00	1.11	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	97	5593	1.00	1.12	
41 Cyclohexane	56	3.034	3.034	0.000	91	6325	1.00	1.14	
42 Chlorobromomethane	128	3.034	3.040	-0.006	80	1872	1.00	1.19	
43 Chloroform	83	3.095	3.101	-0.006	98	6043	1.00	1.07	
44 Carbon tetrachloride	117	3.198	3.192	0.006	94	3798	1.00	0.9826	
45 Ethyl acetate	43	3.205	3.205	0.000	96	6284	2.00	2.18	
46 Methyl acrylate	55	3.211	3.205	0.006	75	3478	1.00	1.06	
47 Tetrahydrofuran	42	3.223	3.217	0.006	89	2233	2.00	1.77	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	96	123757	50.0	50.2	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	96	5376	1.00	1.10	
* 157 2-Butanone-d5	46	3.296	3.302	-0.006	0	332617	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.339	0.000	98	2303	5.00	5.99	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	78	4651	1.00	1.07	
52 Isooctane	57	3.436	3.436	0.000	97	7936	1.00	1.17	
53 n-Heptane	57	3.528	3.534	-0.006	52	2320	1.00	1.40	
54 Benzene	78	3.546	3.546	0.000	96	14514	1.00	1.10	
55 Propionitrile	54	3.570	3.570	0.000	82	4508	10.0	9.81	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	13214	10.0	9.76	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	152300	50.0	49.6	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	39	9174	1.00	0.9760	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	96	5000	1.00	1.11	
60 Isobutyl alcohol	43	3.778	3.778	0.000	91	4427	25.0	28.5	
* 61 Fluorobenzene	96	3.900	3.906	-0.006	98	608369	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	98	14541	2.00	2.23	
62 Isopropyl acetate	43	3.973	3.973	0.000	96	5886	1.00	0.8874	
63 Methylcyclohexane	83	4.034	4.040	-0.006	91	4843	1.00	1.13	
64 Trichloroethene	130	4.058	4.058	0.000	98	3478	1.00	1.10	
66 n-Butanol	56	4.436	4.430	0.006	84	3304	25.0	34.8	
67 Dibromomethane	93	4.448	4.442	0.006	95	2022	1.00	1.03	
68 1,2-Dichloropropane	63	4.534	4.540	-0.006	85	3534	1.00	1.00	
69 Ethyl acrylate	55	4.613	4.607	0.006	85	4166	1.00	1.00	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	4432	1.00	1.01	
* 72 1,4-Dioxane-d8	96	4.808	4.808	0.000	91	29748	1000.0	1000.0	
71 Methyl methacrylate	100	4.820	4.814	0.006	70	1492	2.00	1.80	
73 1,4-Dioxane	88	4.844	4.832	0.012	27	1780	50.0	49.0	
74 n-Propyl acetate	43	4.979	4.979	0.000	98	4457	1.00	0.9185	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	93	1996	1.00	1.03	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	5154	1.00	0.9897	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	485488	50.0	49.9	
78 Toluene	91	5.546	5.546	0.000	95	14756	1.00	1.10	
79 Epichlorohydrin	57	5.570	5.570	0.000	97	5707	20.0	18.9	
80 2-Nitropropane	41	5.820	5.814	0.006	96	1806	2.00	1.97	
81 Tetrachloroethene	166	5.978	5.984	-0.006	94	2953	1.00	1.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	14612	5.00	4.86	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	93	4559	1.00	1.00	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	93	2478	1.00	1.03	
85 Ethyl methacrylate	69	6.314	6.308	0.006	88	3943	1.00	0.9484	
86 Chlorodibromomethane	129	6.436	6.442	-0.006	97	2796	1.00	0.9611	
87 1,3-Dichloropropane	76	6.558	6.558	0.000	94	4694	1.00	0.9872	
88 Ethylene Dibromide	107	6.698	6.692	0.006	99	2555	1.00	0.9547	
89 n-Butyl acetate	43	7.039	7.033	0.006	94	4163	1.00	0.9166	
90 2-Hexanone	43	7.106	7.106	0.000	98	10553	5.00	4.90	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	87	428247	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	91	8528	1.00	1.04	
93 Ethylbenzene	106	7.502	7.502	0.000	98	5035	1.00	1.14	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	93	2653	1.00	0.9597	
95 m-Xylene & p-Xylene	106	7.716	7.722	-0.006	96	6585	1.00	1.19	
96 o-Xylene	106	8.313	8.313	0.000	92	6196	1.00	1.16	
97 Bromoform	173	8.380	8.386	-0.006	93	1923	1.00	1.03	
98 Styrene	104	8.405	8.405	0.000	93	9538	1.00	1.03	
99 n-Butyl acrylate	73	8.722	8.722	0.000	98	2174	1.00	0.9540	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	14274	1.00	1.07	
101 Camphene	41	8.929	8.929	0.000	96	1547	1.00	1.62	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	81	6137	1.00	1.04	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	85	137091	50.0	50.5	
104 Bromobenzene	156	9.301	9.301	0.000	97	3619	1.00	1.10	
105 N-Propylbenzene	91	9.447	9.447	0.000	98	17326	1.00	1.05	
106 1,1,2,2-Tetrachloroethane	83	9.600	9.594	0.006	96	3592	1.00	1.05	
107 2-Chlorotoluene	91	9.636	9.630	0.006	90	12678	1.00	1.08	
108 4-Ethyltoluene	105	9.642	9.642	0.000	94	14939	1.00	1.06	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	96	1040	1.00	1.01	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	92	12520	1.00	1.07	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	85	1080	1.00	0.9576	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	10983	1.00	1.01	
113 tert-Butylbenzene	119	10.270	10.270	0.000	92	10038	1.00	1.09	
114 Butyl Methacrylate	87	10.392	10.392	0.000	66	4224	1.00	1.01	
115 1,2,4-Trimethylbenzene	105	10.398	10.404	-0.006	96	13350	1.00	1.09	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	14990	1.00	1.12	
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	74	6709	1.00	1.04	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	97	13413	1.00	1.12	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	97	219992	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.996	10.996	0.000	42	7138	1.00	1.07	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	95	13921	1.00	1.13	
122 Benzyl chloride	91	11.422	11.416	0.006	94	9416	1.00	0.99	
123 p-Diethylbenzene	119	11.422	11.429	-0.007	81	7913	1.00	1.14	
124 n-Butylbenzene	91	11.502	11.502	0.000	98	11824	1.00	1.10	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	95	6416	1.00	1.05	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.441	0.000	97	12520	1.00	1.11	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	89	603	1.00	0.9065	
128 1,3,5-Trichlorobenzene	180	12.630	12.630	0.000	96	4973	1.00	1.16	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	4769	1.00	1.13	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	92	1697	1.00	0.9342	
131 Camphor	95	13.532	13.532	0.000	91	2215	5.00	5.07	
132 Naphthalene	128	13.568	13.568	0.000	99	11544	1.00	1.03	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	94	4224	1.00	0.9190	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.31	
S 135 Xylenes, Total	100				0		2.00	2.36	
S 136 Total BTEX	1				0		5.00	5.70	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00101	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00031	Amount Added:	1.00	Units: uL		
ACROLEIN W_00039	Amount Added:	4.00	Units: uL		
MIX I Hi_00043	Amount Added:	1.00	Units: uL		
14DIOXINTER_00032	Amount Added:	30.00	Units: uL		
8260 MIX3 HI_00015	Amount Added:	1.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	

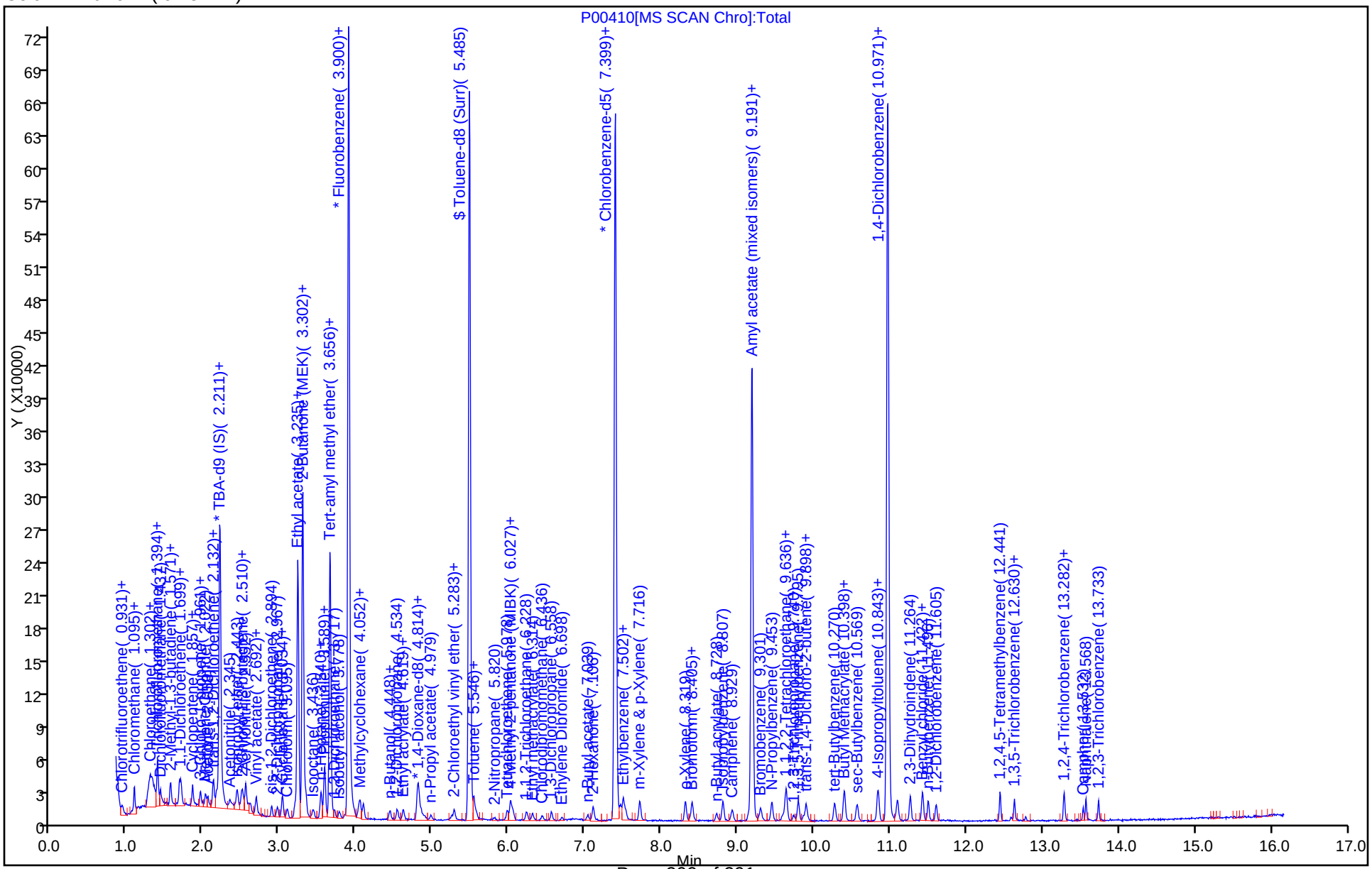
Report Date: 23-Jun-2015 15:10:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Injection Date:	20-Jun-2015 03:37:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

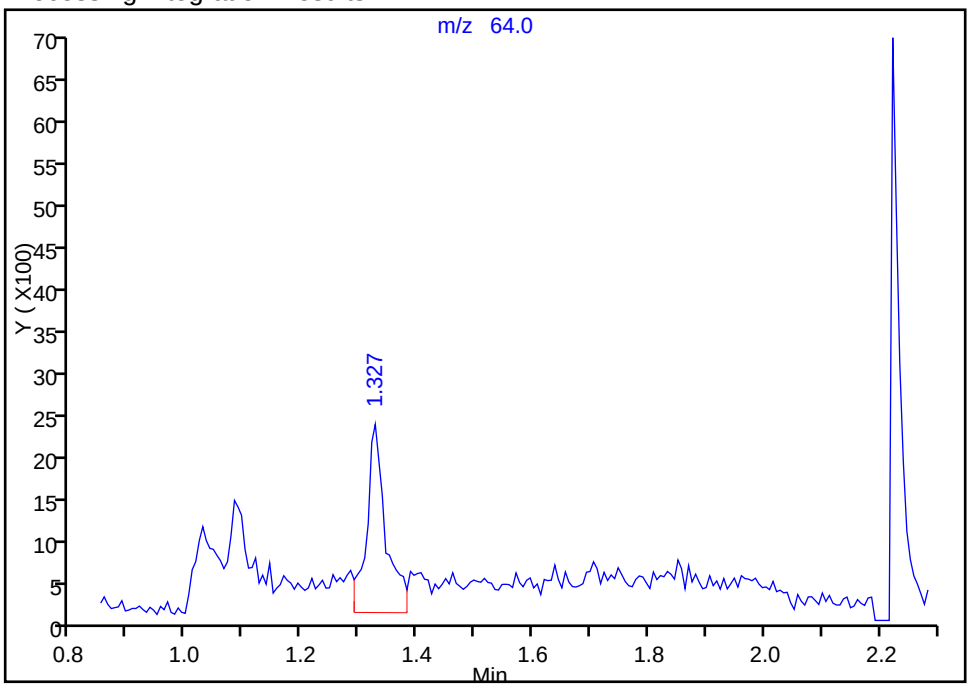
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D
Injection Date: 20-Jun-2015 03:37:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloroethane, CAS: 75-00-3

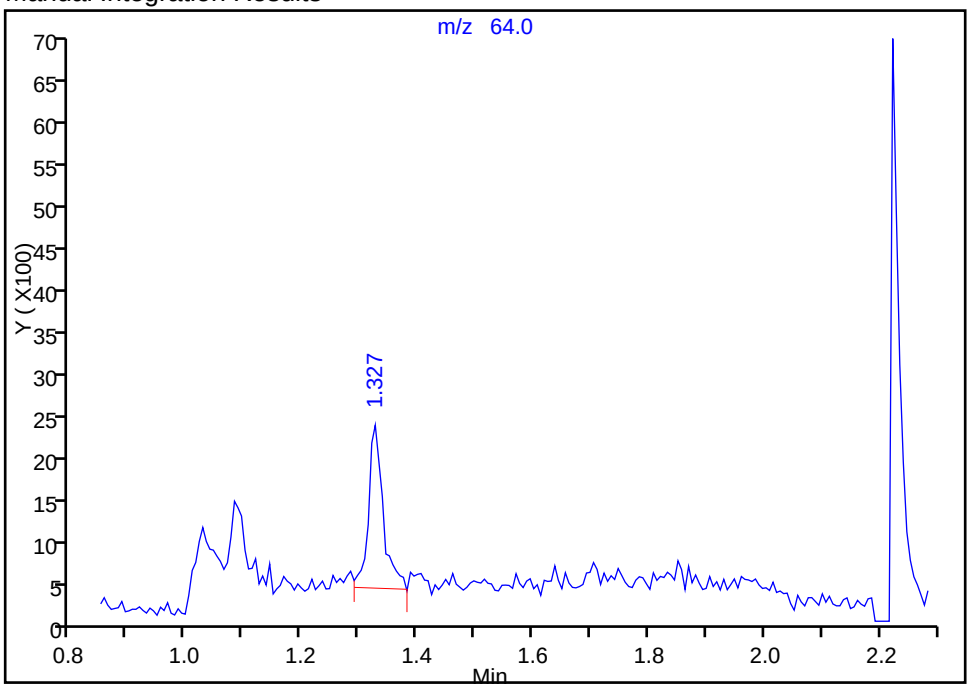
Processing Integration Results

RT: 1.33
Area: 5217
Amount: 1.920780
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 3458
Amount: 1.097890
Amount Units: ug/l



Reviewer: baronm, 23-Jun-2015 13:40:33
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-312464/2 Calibration Date: 07/24/2015 06:41

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01654.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0279		16.0	20.0	-19.8	20.0
Dichlorodifluoromethane	Ave	0.2978	0.1723	0.1000	11.6	20.0	-42.1*	20.0
Vinyl chloride	Ave	0.3305	0.2972	0.1000	18.0	20.0	-10.1	20.0
Butadiene	Ave	0.3212	0.2231		13.9	20.0	-30.6*	20.0
Chloromethane	Ave	0.2830	0.4044	0.1000	28.6	20.0	42.9*	20.0
Bromomethane	Qua2		3.618	0.1000	16.3	20.0	-18.6	50.0
Chloroethane	Qua2		0.2254	0.1000	20.5	20.0	2.4	50.0
Pentane	Qua		0.8793		21.6	40.0	-45.9*	20.0
Trichlorofluoromethane	Ave	0.4070	0.4026	0.1000	19.8	20.0	-1.1	20.0
Dichlorofluoromethane	Ave	0.5511	0.5590		20.3	20.0	1.4	20.0
2-Methyl-1,3-butadiene	Ave	0.3865	0.3444		17.8	20.0	-10.9	20.0
Ethyl ether	Ave	0.2436	0.2483		20.4	20.0	1.9	20.0
Ethanol	QuaF		0.0587		789	800	-1.4	50.0
1,1-Dichloroethene	Ave	0.2287	0.2281	0.1000	19.9	20.0	-0.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3182	0.2891		18.2	20.0	-9.2	20.0
Carbon disulfide	Ave	0.8777	0.8411	0.1000	19.2	20.0	-4.2	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2236	0.2128	0.1000	19.0	20.0	-4.8	20.0
Iodomethane	QuaF		0.1951		16.4	20.0	-18.2	20.0
Cyclopentene	Ave	0.7697	0.6496		16.9	20.0	-15.6	20.0
Acrolein	Qua		0.2109		18.3	40.0	-54.2*	50.0
Allyl chloride	Ave	0.1616	0.1534		19.0	20.0	-5.1	20.0
Isopropyl alcohol	Qua2		0.7176		180	200	-10.1	50.0
Methylene Chloride	Ave	0.2817	0.2874	0.1000	20.4	20.0	2.0	20.0
Acetone	Lin2		1.082	0.0500	155	100	54.9*	50.0
trans-1,2-Dichloroethene	Ave	0.2751	0.2692	0.1000	19.6	20.0	-2.2	20.0
Methyl acetate	Ave	0.2988	0.4002	0.1000	134	100	33.9*	20.0
Hexane	Lin2		0.4690		18.7	20.0	-6.6	20.0
Methyl tert-butyl ether	Ave	0.8239	0.8641	0.1000	21.0	20.0	4.9	20.0
2-Methyl-2-propanol	Qua		1.211		208	200	4.1	50.0
Acetonitrile	QuaF		1.253		167	200	-16.4	20.0
Isopropyl ether	Ave	0.9942	0.9515		19.1	20.0	-4.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2321	0.2202		19.0	20.0	-5.1	20.0
1,1-Dichloroethane	Ave	0.5245	0.5157	0.2000	19.7	20.0	-1.7	20.0
Acrylonitrile	Ave	0.1173	0.1359		232	200	15.8	20.0
Allyl alcohol	Ave	0.6882	0.4041		294	500	-41.3	50.0
Tert-butyl ethyl ether	Ave	0.8931	0.8528		19.1	20.0	-4.5	20.0
Vinyl acetate	Ave	0.2114	0.3803		71.9	40.0	79.9*	20.0
cis-1,2-Dichloroethene	Ave	0.2719	0.2754	0.1000	20.3	20.0	1.3	20.0
2,2-Dichloropropane	Ave	0.4087	0.3828		18.7	20.0	-6.3	20.0
Cyclohexane	Ave	0.4543	0.3574	0.1000	15.7	20.0	-21.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-312464/2 Calibration Date: 07/24/2015 06:41

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01654.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1296	0.1496		23.1	20.0	15.4	20.0
Chloroform	Ave	0.4623	0.4727	0.2000	20.5	20.0	2.3	20.0
Carbon tetrachloride	Ave	0.3177	0.3252	0.1000	20.5	20.0	2.4	20.0
Methyl acrylate	Ave	0.2685	0.2920		21.7	20.0	8.7	20.0
Tetrahydrofuran	Ave	0.9492	0.8680		36.6	40.0	-8.5	20.0
1,1,1-Trichloroethane	Ave	0.4022	0.3915	0.1000	19.5	20.0	-2.7	20.0
1,1-Dichloropropene	Ave	0.3567	0.3425		19.2	20.0	-4.0	20.0
2-Butanone (MEK)	Ave	0.2891	0.3394	0.0500	117	100	17.4	50.0
Ethyl acetate	Ave	2.163	3.638		67.3	40.0	68.2*	20.0
2,2,4-Trimethylpentane	Ave	0.5564	0.5458		19.6	20.0	-1.9	20.0
n-Heptane	QuaF		0.1308		19.3	20.0	-3.7	20.0
Benzene	Ave	1.537	1.316	0.5000	17.1	20.0	-14.4	20.0
Propionitrile	Ave	1.610	1.266		157	200	-21.4*	20.0
Methacrylonitrile	Ave	0.1113	0.1379		248	200	23.9*	20.0
Tert-amyl methyl ether	Ave	0.7725	0.7424		19.2	20.0	-3.9	20.0
1,2-Dichloroethane	Ave	0.3717	0.3834	0.1000	20.6	20.0	3.1	20.0
Isobutyl alcohol	Ave	0.5444	0.4060		373	500	-25.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.5369	0.5488		40.9	40.0	2.2	20.0
Isopropyl acetate	Ave	0.5451	0.6145		22.5	20.0	12.7	20.0
Methylcyclohexane	Ave	0.3527	0.3379	0.1000	19.2	20.0	-4.2	50.0
Trichloroethene	Ave	0.2604	0.2972	0.2000	22.8	20.0	14.1	20.0
n-Butanol	Ave	0.3332	0.2382		357	500	-28.5	50.0
Dibromomethane	Ave	0.1608	0.1693		21.1	20.0	5.3	20.0
1,2-Dichloropropane	Ave	0.2905	0.2675	0.1000	18.4	20.0	-7.9	20.0
Ethyl acrylate	Ave	0.3422	0.3545		20.7	20.0	3.6	20.0
Dichlorobromomethane	Ave	0.3603	0.3589	0.2000	19.9	20.0	-0.4	20.0
Methyl methacrylate	Ave	0.0683	0.0830		48.6	40.0	21.5*	20.0
1,4-Dioxane	Ave	1.221	1.120		367	400	-8.2	50.0
n-Propyl acetate	Ave	0.3988	0.4495		22.5	20.0	12.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1590	0.1480		18.6	20.0	-6.9	20.0
cis-1,3-Dichloropropene	Ave	0.6080	0.4848	0.2000	15.9	20.0	-20.3	50.0
Toluene	Ave	1.566	1.350	0.4000	17.2	20.0	-13.8	20.0
Epichlorohydrin	Ave	0.2275	0.2160		380	400	-5.0	20.0
2-Nitropropane	Ave	0.0754	0.0763		40.5	40.0	1.2	20.0
Tetrachloroethene	Ave	0.3136	0.3752	0.2000	23.9	20.0	19.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.261	2.142	0.0500	94.7	100	-5.3	50.0
trans-1,3-Dichloropropene	Ave	0.5315	0.4585	0.1000	17.3	20.0	-13.7	50.0
1,1,2-Trichloroethane	Ave	0.2815	0.2496	0.1000	17.7	20.0	-11.3	20.0
Ethyl methacrylate	Ave	0.3417	0.3224		18.9	20.0	-5.7	20.0
Chlorodibromomethane	Ave	0.3397	0.3262	0.1000	19.2	20.0	-4.0	50.0
1,3-Dichloropropane	Ave	0.5551	0.4955		17.9	20.0	-10.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-312464/2 Calibration Date: 07/24/2015 06:41

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01654.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3125	0.3013	0.1000	19.3	20.0	-3.6	20.0
n-Butyl acetate	Ave	0.5303	0.2167		8.17	20.0	-59.1*	20.0
2-Hexanone	Ave	1.620	1.701	0.0500	105	100	5.0	50.0
Chlorobenzene	Ave	0.9534	0.9169	0.5000	19.2	20.0	-3.8	20.0
Ethylbenzene	Ave	0.5157	0.4702	0.1000	18.2	20.0	-8.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3228	0.3206		19.9	20.0	-0.7	20.0
m-Xylene & p-Xylene	Ave	0.6436	0.5674	0.1000	17.6	20.0	-11.8	20.0
o-Xylene	Ave	0.6220	0.5113	0.3000	16.4	20.0	-17.8	20.0
Bromoform	Ave	0.2174	0.2464	0.1000	22.7	20.0	13.4	20.0
Styrene	Ave	1.077	0.9363	0.3000	17.4	20.0	-13.1	20.0
n-Butyl acrylate	Ave	0.2661	0.2135		16.0	20.0	-19.8	20.0
Isopropylbenzene	Ave	1.560	1.444	0.1000	18.5	20.0	-7.5	20.0
Camphene	QuaF		0.1031		18.6	20.0	-7.2	20.0
Amyl acetate (mixed isomers)	Ave	1.338	0.9135		13.7	20.0	-31.7*	20.0
Bromobenzene	Ave	0.7507	0.7074		18.8	20.0	-5.8	20.0
N-Propylbenzene	Ave	3.767	2.721		14.4	20.0	-27.8*	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7751	0.6572	0.3000	17.0	20.0	-15.2	20.0
2-Chlorotoluene	Ave	2.665	1.948		14.6	20.0	-26.9*	20.0
4-Ethyltoluene	Ave	3.208	2.490		15.5	20.0	-22.4*	20.0
1,2,3-Trichloropropane	Ave	0.2329	0.2042		17.5	20.0	-12.3	20.0
1,3,5-Trimethylbenzene	Ave	2.655	2.025		15.3	20.0	-23.7*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2563	0.2107		16.4	20.0	-17.8	20.0
4-Chlorotoluene	Ave	2.470	1.849		15.0	20.0	-25.1*	20.0
tert-Butylbenzene	Ave	2.099	1.625		15.5	20.0	-22.6*	20.0
Butyl Methacrylate	Ave	0.9524	0.6232		13.1	20.0	-34.6*	20.0
1,2,4-Trimethylbenzene	Ave	2.791	2.194		15.7	20.0	-21.4*	20.0
sec-Butylbenzene	Ave	3.055	2.435		15.9	20.0	-20.3*	20.0
1,3-Dichlorobenzene	Ave	1.466	1.355	0.6000	18.5	20.0	-7.6	20.0
4-Isopropyltoluene	Ave	2.712	2.224		16.4	20.0	-18.0	20.0
1,4-Dichlorobenzene	Ave	1.521	1.402	0.5000	18.4	20.0	-7.8	20.0
Indan	Ave	2.806	2.263		16.1	20.0	-19.3	20.0
Benzyl chloride	Ave	2.152	1.709		15.9	20.0	-20.6	50.0
p-Diethylbenzene	Ave	1.581	1.355		17.1	20.0	-14.3	20.0
n-Butylbenzene	Ave	2.437	2.042		16.8	20.0	-16.2	20.0
1,2-Dichlorobenzene	Ave	1.393	1.321	0.4000	19.0	20.0	-5.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.572	1.910		14.8	20.0	-25.8*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1512	0.1689	0.0500	22.3	20.0	11.7	50.0
1,3,5-Trichlorobenzene	Ave	0.9729	1.115		22.9	20.0	14.6	20.0
1,2,4-Trichlorobenzene	Ave	0.9595	1.008	0.2000	21.0	20.0	5.0	20.0
Hexachlorobutadiene	Qua2		0.4123		32.5	20.0	62.3*	20.0
Camphor	Ave	0.0993	0.0681		68.5	100	-31.5*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-312464/2 Calibration Date: 07/24/2015 06:41

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01654.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.559	2.276		17.8	20.0	-11.1	50.0
1,2,3-Trichlorobenzene	Lin2		0.9531		24.6	20.0	22.9*	20.0
Dibromofluoromethane (Surr)	Ave	0.2025	0.1996		49.3	50.0	-1.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2523	0.2448		48.5	50.0	-3.0	20.0
Toluene-d8 (Surr)	Ave	1.136	0.9261		40.8	50.0	-18.5	20.0
4-Bromofluorobenzene	Ave	0.3168	0.3635		57.4	50.0	14.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01654.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jul-2015 06:41:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030007-002
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jul-2015 10:41:52 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 24-Jul-2015 08:53:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	4466	20.0	16.0	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	27547	20.0	11.6	
3 Vinyl chloride	62	1.089	1.089	0.000	98	47520	20.0	18.0	
5 Butadiene	54	1.095	1.095	0.000	93	35666	20.0	13.9	
4 Chloromethane	50	1.095	1.095	0.000	71	64658	20.0	28.6	
6 Bromomethane	94	1.266	1.266	0.000	99	23684	20.0	16.3	
7 Chloroethane	64	1.333	1.333	0.000	99	36044	20.0	20.5	
8 Pentane	72	1.400	1.400	0.000	97	11513	40.0	21.6	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	97	64370	20.0	19.8	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	89380	20.0	20.3	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	55059	20.0	17.8	
12 Ethyl ether	59	1.577	1.577	0.000	94	39693	20.0	20.4	
13 Ethanol	46	1.662	1.662	0.000	99	15375	800.0	788.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	79	46218	20.0	18.2	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	97	36467	20.0	19.9	
16 Carbon disulfide	76	1.705	1.705	0.000	100	134474	20.0	19.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	90	34025	20.0	19.0	
18 Iodomethane	142	1.772	1.772	0.000	98	31190	20.0	16.4	
19 Cyclopentene	67	1.857	1.857	0.000	97	103865	20.0	16.9	
20 Acrolein	56	1.888	1.888	0.000	89	2761	40.0	18.3	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	24519	20.0	19.0	
22 Isopropyl alcohol	45	1.991	1.991	0.000	98	46982	200.0	179.7	
23 Methylene Chloride	84	2.028	2.028	0.000	95	45948	20.0	20.4	
24 Acetone	43	2.058	2.058	0.000	85	130540	100.0	154.9	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	43033	20.0	19.6	
26 Methyl acetate	43	2.138	2.138	0.000	100	319928	100.0	133.9	
27 Hexane	57	2.174	2.174	0.000	89	74984	20.0	18.7	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	138157	20.0	21.0	
* 29 TBA-d9 (IS)	65	2.223	2.223	0.000	99	327336	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.266	2.266	0.000	99	79291	200.0	208.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	82056	200.0	167.2	
32 Isopropyl ether	45	2.442	2.442	0.000	95	152125	20.0	19.1	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	35210	20.0	19.0	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	100	82458	20.0	19.7	
35 Acrylonitrile	53	2.558	2.558	0.000	94	217246	200.0	231.7	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	136355	20.0	19.1	
38 Allyl alcohol	57	2.692	2.692	0.000	48	66131	500.0	293.5	
37 Vinyl acetate	43	2.698	2.698	0.000	100	121598	40.0	71.9	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	96	44033	20.0	20.3	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	97	61199	20.0	18.7	
41 Cyclohexane	56	3.034	3.034	0.000	93	57150	20.0	15.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	92	23917	20.0	23.1	
43 Chloroform	83	3.101	3.101	0.000	98	75575	20.0	20.5	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	51998	20.0	20.5	
46 Methyl acrylate	55	3.204	3.204	0.000	94	46682	20.0	21.7	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	41891	40.0	36.6	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	79784	50.0	49.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	62588	20.0	19.5	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	301621	250.0	250.0	
45 Ethyl acetate	43	3.345	3.345	0.000	91	175572	40.0	67.3	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	40952	100.0	117.4	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	96	54767	20.0	19.2	
52 Isooctane	57	3.436	3.436	0.000	98	87267	20.0	19.6	
53 n-Heptane	57	3.534	3.534	0.000	94	20917	20.0	19.3	
54 Benzene	78	3.546	3.546	0.000	95	176049	20.0	17.1	
55 Propionitrile	54	3.576	3.576	0.000	98	82896	200.0	157.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	220532	200.0	247.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	97838	50.0	48.5	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	118699	20.0	19.2	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	98	61295	20.0	20.6	
60 Isobutyl alcohol	43	3.784	3.784	0.000	99	66453	500.0	372.9	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	399715	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	175503	40.0	40.9	
62 Isopropyl acetate	43	3.973	3.973	0.000	96	98242	20.0	22.5	
63 Methylcyclohexane	83	4.040	4.040	0.000	94	54020	20.0	19.2	
64 Trichloroethene	130	4.058	4.058	0.000	96	47519	20.0	22.8	
66 n-Butanol	56	4.436	4.436	0.000	86	38986	500.0	357.4	
67 Dibromomethane	93	4.442	4.442	0.000	91	27067	20.0	21.1	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	87	42775	20.0	18.4	
69 Ethyl acrylate	55	4.613	4.613	0.000	99	56673	20.0	20.7	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	57383	20.0	19.9	
* 72 1,4-Dioxane-d8	96	4.820	4.820	0.000	62	33242	1000.0	1000.0	
71 Methyl methacrylate	100	4.820	4.820	0.000	92	26534	40.0	48.6	
73 1,4-Dioxane	88	4.850	4.850	0.000	83	14893	400.0	367.1	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	71868	20.0	22.5	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	96	23667	20.0	18.6	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	95	64879	20.0	15.9	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	309827	50.0	40.8	
78 Toluene	91	5.545	5.545	0.000	93	180651	20.0	17.2	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	104240	400.0	379.8	
80 2-Nitropropane	41	5.814	5.814	0.000	99	24404	40.0	40.5	
81 Tetrachloroethene	166	5.984	5.984	0.000	97	50209	20.0	23.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	98	258379	100.0	94.7	
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	98	61356	20.0	17.3	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	33399	20.0	17.7	
85 Ethyl methacrylate	69	6.314	6.314	0.000	91	51539	20.0	18.9	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	43653	20.0	19.2	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	96	66310	20.0	17.9	
88 Ethylene Dibromide	107	6.698	6.698	0.000	98	40316	20.0	19.3	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	29003	20.0	8.17	
90 2-Hexanone	43	7.106	7.106	0.000	99	205253	100.0	105.0	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	334561	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	96	122697	20.0	19.2	
93 Ethylbenzene	106	7.496	7.496	0.000	99	62930	20.0	18.2	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	92	42900	20.0	19.9	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	75933	20.0	17.6	
96 o-Xylene	106	8.319	8.319	0.000	94	68419	20.0	16.4	
97 Bromoform	173	8.386	8.386	0.000	96	32979	20.0	22.7	
98 Styrene	104	8.405	8.405	0.000	96	125294	20.0	17.4	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	28569	20.0	16.0	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	193181	20.0	18.5	
101 Camphene	41	8.929	8.929	0.000	96	13796	20.0	18.6	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	76000	20.0	13.7	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	121618	50.0	57.4	
104 Bromobenzene	156	9.301	9.301	0.000	93	58854	20.0	18.8	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	226338	20.0	14.4	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	97	54671	20.0	17.0	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	162041	20.0	14.6	
108 4-Ethyltoluene	105	9.642	9.642	0.000	98	207111	20.0	15.5	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	98	16987	20.0	17.5	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	168473	20.0	15.3	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	88	17530	20.0	16.4	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	153793	20.0	15.0	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	135172	20.0	15.5	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	51847	20.0	13.1	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	182515	20.0	15.7	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	202538	20.0	15.9	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	112693	20.0	18.5	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	185059	20.0	16.4	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	94	207982	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	96	116657	20.0	18.4	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	188289	20.0	16.1	
122 Benzyl chloride	91	11.416	11.416	0.000	97	142173	20.0	15.9	
123 p-Diethylbenzene	119	11.428	11.428	0.000	95	112728	20.0	17.1	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	169902	20.0	16.8	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	109901	20.0	19.0	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	98	158878	20.0	14.8	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	14051	20.0	22.3	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	92736	20.0	22.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	83833	20.0	21.0	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	34303	20.0	32.5	
131 Camphor	95	13.532	13.532	0.000	92	28313	100.0	68.5	
132 Naphthalene	128	13.568	13.568	0.000	99	189323	20.0	17.8	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	79289	20.0	24.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 135 Xylenes, Total	100				0		40.0	34.1	
S 136 Total BTEX	1				0		100.0	86.7	

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00024	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Jul-2015 10:41:53 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01654.D

Injection Date: 24-Jul-2015 06:41:30 Instrument ID: CVOAMS13 Operator ID:

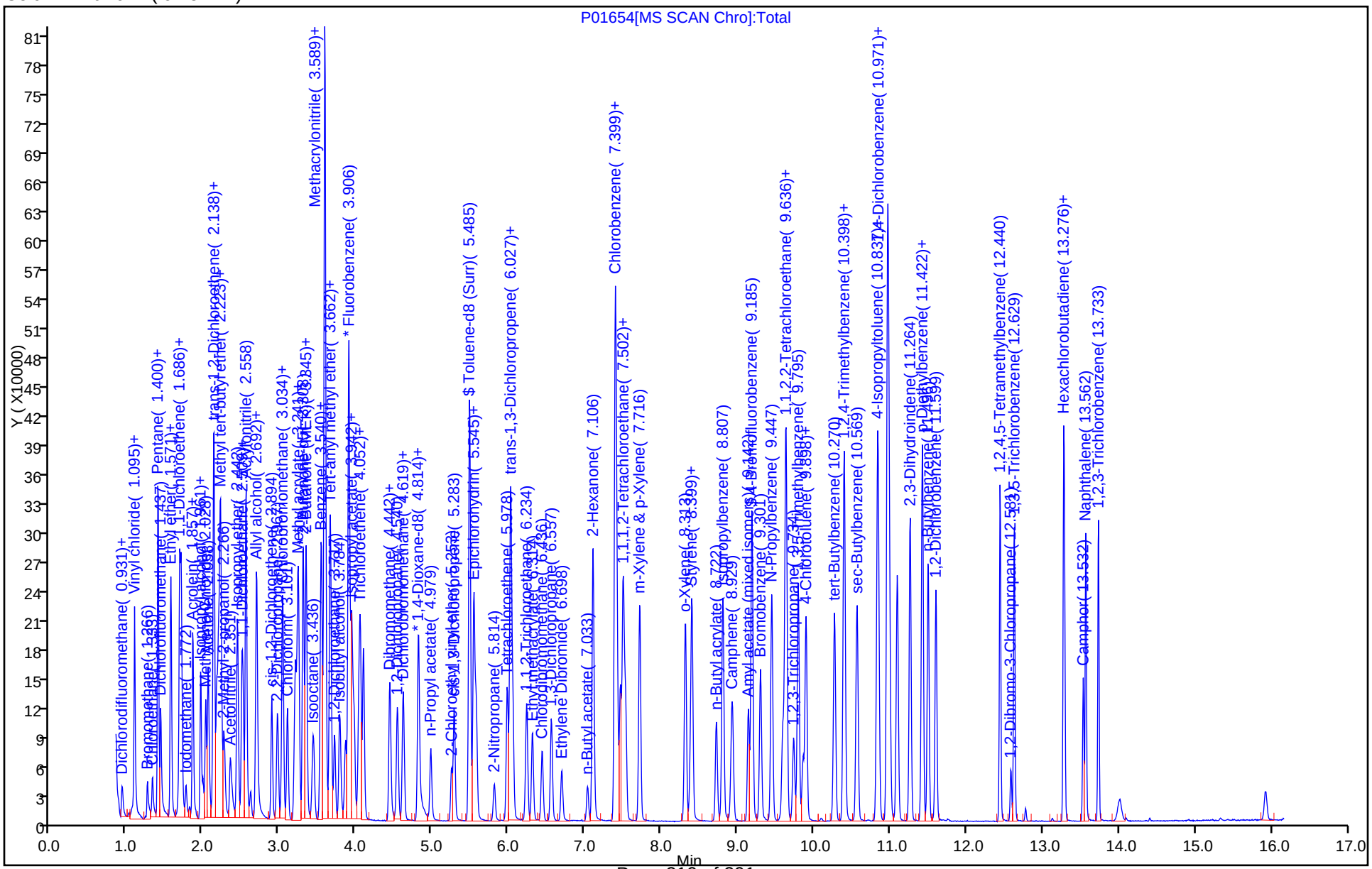
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-313105/3 Calibration Date: 07/28/2015 07:34

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01739.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0241		13.8	20.0	-30.9*	20.0
Dichlorodifluoromethane	Ave	0.2978	0.2206	0.1000	14.8	20.0	-25.9*	20.0
Vinyl chloride	Ave	0.3305	0.3321	0.1000	20.1	20.0	0.5	20.0
Butadiene	Ave	0.3212	0.2669		16.6	20.0	-16.9	20.0
Chloromethane	Ave	0.2830	0.4303	0.1000	30.4	20.0	52.1*	20.0
Bromomethane	Qua2		2.111	0.1000	9.43	20.0	-52.8*	50.0
Chloroethane	Qua2		0.2179	0.1000	19.8	20.0	-1.1	50.0
Pentane	Qua		0.9266		22.8	40.0	-42.9*	20.0
Trichlorofluoromethane	Ave	0.4070	0.4333	0.1000	21.3	20.0	6.4	20.0
Dichlorofluoromethane	Ave	0.5511	0.5594		20.3	20.0	1.5	20.0
2-Methyl-1,3-butadiene	Ave	0.3865	0.3839		19.9	20.0	-0.7	20.0
Ethyl ether	Ave	0.2436	0.2701		22.2	20.0	10.9	20.0
Ethanol	QuaF		0.0602		808	800	1.1	50.0
1,1-Dichloroethene	Ave	0.2287	0.2427	0.1000	21.2	20.0	6.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3182	0.3141		19.7	20.0	-1.3	20.0
Carbon disulfide	Ave	0.8777	0.9488	0.1000	21.6	20.0	8.1	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2236	0.2224	0.1000	19.9	20.0	-0.6	20.0
Iodomethane	QuaF		0.0848		7.12	20.0	-64.4*	20.0
Cyclopentene	Ave	0.7697	0.7300		19.0	20.0	-5.2	20.0
Acrolein	Qua		0.1953		16.8	40.0	-57.9*	50.0
Allyl chloride	Ave	0.1616	0.1623		20.1	20.0	0.4	20.0
Isopropyl alcohol	Qua2		0.7354		184	200	-7.9	50.0
Methylene Chloride	Ave	0.2817	0.2842	0.1000	20.2	20.0	0.9	20.0
Acetone	Lin2		0.7150	0.0500	101	100	0.8	50.0
trans-1,2-Dichloroethene	Ave	0.2751	0.2849	0.1000	20.7	20.0	3.6	20.0
Methyl acetate	Ave	0.2988	0.4116	0.1000	138	100	37.8*	20.0
Hexane	Lin2		0.5264		21.0	20.0	5.1	20.0
Methyl tert-butyl ether	Ave	0.8239	0.9419	0.1000	22.9	20.0	14.3	20.0
2-Methyl-2-propanol	Qua		1.217		209	200	4.7	50.0
Acetonitrile	QuaF		1.290		172	200	-14.0	20.0
Isopropyl ether	Ave	0.9942	1.090		21.9	20.0	9.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2321	0.2464		21.2	20.0	6.1	20.0
1,1-Dichloroethane	Ave	0.5245	0.5524	0.2000	21.1	20.0	5.3	20.0
Acrylonitrile	Ave	0.1173	0.1449		247	200	23.5*	20.0
Allyl alcohol	Ave	0.6882	0.4473		325	500	-35.0	50.0
Tert-butyl ethyl ether	Ave	0.8931	0.9852		22.1	20.0	10.3	20.0
Vinyl acetate	Ave	0.2114	0.1762		33.3	40.0	-16.7	20.0
cis-1,2-Dichloroethene	Ave	0.2719	0.2992	0.1000	22.0	20.0	10.0	20.0
2,2-Dichloropropane	Ave	0.4087	0.4158		20.3	20.0	1.7	20.0
Cyclohexane	Ave	0.4543	0.4245	0.1000	18.7	20.0	-6.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-313105/3 Calibration Date: 07/28/2015 07:34

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01739.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1296	0.1470		22.7	20.0	13.5	20.0
Chloroform	Ave	0.4623	0.4807	0.2000	20.8	20.0	4.0	20.0
Carbon tetrachloride	Ave	0.3177	0.3213	0.1000	20.2	20.0	1.1	20.0
Ethyl acetate	Ave	2.163	2.039		37.7	40.0	-5.7	20.0
Methyl acrylate	Ave	0.2685	0.3237		24.1	20.0	20.6*	20.0
Tetrahydrofuran	Ave	0.9492	0.9936		41.9	40.0	4.7	20.0
1,1,1-Trichloroethane	Ave	0.4022	0.4025	0.1000	20.0	20.0	0.1	20.0
1,1-Dichloropropene	Ave	0.3567	0.3711		20.8	20.0	4.0	20.0
2-Butanone (MEK)	Ave	0.2891	0.2888	0.0500	99.9	100	-0.1	50.0
2,2,4-Trimethylpentane	Ave	0.5564	0.6174		22.2	20.0	11.0	20.0
n-Heptane	QuaF		0.1428		21.0	20.0	5.2	20.0
Benzene	Ave	1.537	1.370	0.5000	17.8	20.0	-10.8	20.0
Propionitrile	Ave	1.610	1.315		163	200	-18.3	20.0
Methacrylonitrile	Ave	0.1113	0.1452		261	200	30.5*	20.0
Tert-amyl methyl ether	Ave	0.7725	0.8363		21.7	20.0	8.3	20.0
1,2-Dichloroethane	Ave	0.3717	0.3833	0.1000	20.6	20.0	3.1	20.0
Isobutyl alcohol	Ave	0.5444	0.4463		410	500	-18.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.5369	0.6129		45.7	40.0	14.2	20.0
Isopropyl acetate	Ave	0.5451	0.6736		24.7	20.0	23.6*	20.0
Methylcyclohexane	Ave	0.3527	0.3825	0.1000	21.7	20.0	8.4	50.0
Trichloroethene	Ave	0.2604	0.2941	0.2000	22.6	20.0	12.9	20.0
Dibromomethane	Ave	0.1608	0.1771		22.0	20.0	10.1	20.0
n-Butanol	Ave	0.3332	0.2475		371	500	-25.7	50.0
1,2-Dichloropropane	Ave	0.2905	0.3031	0.1000	20.9	20.0	4.3	20.0
Ethyl acrylate	Ave	0.3422	0.4287		25.1	20.0	25.3*	20.0
Dichlorobromomethane	Ave	0.3603	0.3618	0.2000	20.1	20.0	0.4	20.0
Methyl methacrylate	Ave	0.0683	0.0897		52.5	40.0	31.4*	20.0
1,4-Dioxane	Ave	1.221	1.157		379	400	-5.2	50.0
n-Propyl acetate	Ave	0.3988	0.5051		25.3	20.0	26.7*	20.0
2-Chloroethyl vinyl ether	Ave	0.1590	0.1840		23.1	20.0	15.7	20.0
cis-1,3-Dichloropropene	Ave	0.6080	0.5286	0.2000	17.4	20.0	-13.1	50.0
Toluene	Ave	1.566	1.424	0.4000	18.2	20.0	-9.1	20.0
Epichlorohydrin	Ave	0.2275	0.2278		400	400	0.1	20.0
2-Nitropropane	Ave	0.0754	0.0785		41.6	40.0	4.1	20.0
Tetrachloroethene	Ave	0.3136	0.3555	0.2000	22.7	20.0	13.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.261	2.240	0.0500	99.1	100	-0.9	50.0
trans-1,3-Dichloropropene	Ave	0.5315	0.4717	0.1000	17.7	20.0	-11.3	50.0
1,1,2-Trichloroethane	Ave	0.2815	0.2536	0.1000	18.0	20.0	-9.9	20.0
Ethyl methacrylate	Ave	0.3417	0.3704		21.7	20.0	8.4	20.0
Chlorodibromomethane	Ave	0.3397	0.3199	0.1000	18.8	20.0	-5.8	50.0
1,3-Dichloropropane	Ave	0.5551	0.5275		19.0	20.0	-5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-313105/3 Calibration Date: 07/28/2015 07:34

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01739.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3125	0.3154	0.1000	20.2	20.0	0.9	20.0
n-Butyl acetate	Ave	0.5303	0.4703		17.7	20.0	-11.3	20.0
2-Hexanone	Ave	1.620	1.594	0.0500	98.4	100	-1.6	50.0
Chlorobenzene	Ave	0.9534	0.9177	0.5000	19.3	20.0	-3.7	20.0
Ethylbenzene	Ave	0.5157	0.4803	0.1000	18.6	20.0	-6.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3228	0.3073		19.0	20.0	-4.8	20.0
m-Xylene & p-Xylene	Ave	0.6436	0.5969	0.1000	18.6	20.0	-7.2	20.0
o-Xylene	Ave	0.6220	0.5760	0.3000	18.5	20.0	-7.4	20.0
Bromoform	Ave	0.2174	0.2363	0.1000	21.7	20.0	8.7	20.0
Styrene	Ave	1.077	0.9765	0.3000	18.1	20.0	-9.4	20.0
n-Butyl acrylate	Ave	0.2661	0.2399		18.0	20.0	-9.8	20.0
Isopropylbenzene	Ave	1.560	1.536	0.1000	19.7	20.0	-1.5	20.0
Camphene	QuaF		0.1093		19.7	20.0	-1.7	20.0
Amyl acetate (mixed isomers)	Ave	1.338	1.108		16.6	20.0	-17.2	20.0
Bromobenzene	Ave	0.7507	0.6998		18.6	20.0	-6.8	20.0
N-Propylbenzene	Ave	3.767	3.054		16.2	20.0	-18.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7751	0.6941	0.3000	17.9	20.0	-10.4	20.0
2-Chlorotoluene	Ave	2.665	2.118		15.9	20.0	-20.5*	20.0
4-Ethyltoluene	Ave	3.208	2.717		16.9	20.0	-15.3	20.0
1,2,3-Trichloropropane	Ave	0.2329	0.2134		18.3	20.0	-8.4	20.0
1,3,5-Trimethylbenzene	Ave	2.655	2.247		16.9	20.0	-15.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2563	0.2189		17.1	20.0	-14.6	20.0
4-Chlorotoluene	Ave	2.470	1.984		16.1	20.0	-19.7	20.0
tert-Butylbenzene	Ave	2.099	1.839		17.5	20.0	-12.4	20.0
Butyl Methacrylate	Ave	0.9524	0.7135		15.0	20.0	-25.1*	20.0
1,2,4-Trimethylbenzene	Ave	2.791	2.351		16.8	20.0	-15.8	20.0
sec-Butylbenzene	Ave	3.055	2.717		17.8	20.0	-11.1	20.0
1,3-Dichlorobenzene	Ave	1.466	1.397	0.6000	19.1	20.0	-4.7	20.0
4-Isopropyltoluene	Ave	2.712	2.426		17.9	20.0	-10.5	20.0
1,4-Dichlorobenzene	Ave	1.521	1.425	0.5000	18.7	20.0	-6.3	20.0
Indan	Ave	2.806	2.412		17.2	20.0	-14.0	20.0
Benzyl chloride	Ave	2.152	1.784		16.6	20.0	-17.1	50.0
p-Diethylbenzene	Ave	1.581	1.444		18.3	20.0	-8.7	20.0
n-Butylbenzene	Ave	2.437	2.232		18.3	20.0	-8.4	20.0
1,2-Dichlorobenzene	Ave	1.393	1.353	0.4000	19.4	20.0	-2.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.572	2.225		17.3	20.0	-13.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1512	0.1671	0.0500	22.1	20.0	10.5	50.0
1,3,5-Trichlorobenzene	Ave	0.9729	1.112		22.9	20.0	14.3	20.0
1,2,4-Trichlorobenzene	Ave	0.9595	1.048	0.2000	21.8	20.0	9.2	20.0
Hexachlorobutadiene	Qua2		0.4153		32.7	20.0	63.5*	20.0
Camphor	Ave	0.0993	0.0807		81.3	100	-18.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Lab Sample ID: CCVIS 460-313105/3 Calibration Date: 07/28/2015 07:34

Instrument ID: CVOAMS13 Calib Start Date: 06/19/2015 22:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 06/20/2015 03:37

Lab File ID: P01739.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.559	2.630		20.6	20.0	2.8	50.0
1,2,3-Trichlorobenzene	Lin2		0.9877		25.5	20.0	27.4*	20.0
Dibromofluoromethane (Surr)	Ave	0.2025	0.1853		45.8	50.0	-8.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2523	0.2187		43.3	50.0	-13.3	20.0
Toluene-d8 (Surr)	Ave	1.136	0.9146		40.3	50.0	-19.5	20.0
4-Bromofluorobenzene	Ave	0.3168	0.3637		57.4	50.0	14.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01739.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Jul-2015 07:34:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030126-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Jul-2015 15:52:03 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 28-Jul-2015 09:15:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	4674	20.0	13.8	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	98	42835	20.0	14.8	
3 Vinyl chloride	62	1.089	1.089	0.000	98	64475	20.0	20.1	
5 Butadiene	54	1.095	1.095	0.000	94	51814	20.0	16.6	
4 Chloromethane	50	1.095	1.095	0.000	89	83559	20.0	30.4	
6 Bromomethane	94	1.260	1.260	0.000	98	17540	20.0	9.43	
7 Chloroethane	64	1.327	1.327	0.000	100	42308	20.0	19.8	
8 Pentane	72	1.394	1.394	0.000	97	15394	40.0	22.8	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	84128	20.0	21.3	
10 Dichlorofluoromethane	67	1.436	1.436	0.000	98	108607	20.0	20.3	
11 2-Methyl-1,3-butadiene	67	1.564	1.564	0.000	98	74543	20.0	19.9	
12 Ethyl ether	59	1.577	1.577	0.000	94	52452	20.0	22.2	
13 Ethanol	46	1.674	1.674	0.000	99	19991	800.0	808.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	82	60988	20.0	19.7	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	98	47129	20.0	21.2	
16 Carbon disulfide	76	1.705	1.705	0.000	99	184225	20.0	21.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	97	43182	20.0	19.9	
18 Iodomethane	142	1.772	1.772	0.000	96	16465	20.0	7.12	
19 Cyclopentene	67	1.857	1.857	0.000	97	141745	20.0	19.0	
20 Acrolein	56	1.881	1.881	0.000	90	3244	40.0	16.8	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	31515	20.0	20.1	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	61088	200.0	184.3	
23 Methylene Chloride	84	2.028	2.028	0.000	95	55180	20.0	20.2	
24 Acetone	43	2.064	2.064	0.000	85	108858	100.0	100.8	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	55309	20.0	20.7	
26 Methyl acetate	43	2.138	2.138	0.000	100	399590	100.0	137.8	M
27 Hexane	57	2.174	2.174	0.000	91	102205	20.0	21.0	
28 Methyl tert-butyl ether	73	2.198	2.198	0.000	97	182892	20.0	22.9	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	100	415357	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.272	0.000	99	101104	200.0	209.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	107156	200.0	172.0	
32 Isopropyl ether	45	2.442	2.442	0.000	98	211677	20.0	21.9	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	47837	20.0	21.2	
34 1,1-Dichloroethane	63	2.515	2.515	0.000	99	107266	20.0	21.1	
35 Acrylonitrile	53	2.558	2.558	0.000	94	281360	200.0	247.1	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	191297	20.0	22.1	
38 Allyl alcohol	57	2.692	2.692	0.000	91	92900	500.0	325.0	
37 Vinyl acetate	43	2.698	2.698	0.000	100	68422	40.0	33.3	
39 cis-1,2-Dichloroethene	96	2.893	2.893	0.000	95	58092	20.0	22.0	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	80729	20.0	20.3	
41 Cyclohexane	56	3.034	3.034	0.000	94	82416	20.0	18.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	92	28545	20.0	22.7	
43 Chloroform	83	3.101	3.101	0.000	99	93331	20.0	20.8	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	62380	20.0	20.2	
46 Methyl acrylate	55	3.210	3.210	0.000	66	62855	20.0	24.1	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	60508	40.0	41.9	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	89937	50.0	45.8	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	78161	20.0	20.0	
* 157 2-Butanone-d5	46	3.308	3.308	0.000	0	380605	250.0	250.0	
45 Ethyl acetate	43	3.204	3.204	0.000	70	124169	40.0	37.7	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	43968	100.0	99.9	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	68	72048	20.0	20.8	
52 Isooctane	57	3.436	3.436	0.000	99	119869	20.0	22.2	
53 n-Heptane	57	3.534	3.534	0.000	96	27722	20.0	21.0	
54 Benzene	78	3.546	3.546	0.000	95	225143	20.0	17.8	
55 Propionitrile	54	3.576	3.576	0.000	98	109270	200.0	163.4	
56 Methacrylonitrile	67	3.588	3.588	0.000	94	282013	200.0	261.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	95	106160	50.0	43.3	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	162388	20.0	21.7	
59 1,2-Dichloroethane	62	3.716	3.716	0.000	97	74429	20.0	20.6	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	92681	500.0	409.9	
* 61 Fluorobenzene	96	3.905	3.905	0.000	98	485419	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	94	238021	40.0	45.7	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	130781	20.0	24.7	
63 Methylcyclohexane	83	4.040	4.040	0.000	97	74267	20.0	21.7	
64 Trichloroethene	130	4.058	4.058	0.000	97	57106	20.0	22.6	
66 n-Butanol	56	4.442	4.442	0.000	91	51406	500.0	371.4	
67 Dibromomethane	93	4.442	4.442	0.000	94	34385	20.0	22.0	
68 1,2-Dichloropropane	63	4.539	4.539	0.000	90	58849	20.0	20.9	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	83243	20.0	25.1	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	70248	20.0	20.1	
71 Methyl methacrylate	100	4.814	4.814	0.000	93	34833	40.0	52.5	
* 72 1,4-Dioxane-d8	96	4.826	4.826	0.000	80	43143	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	90	19959	400.0	379.0	
74 n-Propyl acetate	43	4.978	4.978	0.000	99	98082	20.0	25.3	
75 2-Chloroethyl vinyl ether	63	5.253	5.253	0.000	96	35724	20.0	23.1	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	86840	20.0	17.4	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	375609	50.0	40.3	
78 Toluene	91	5.539	5.539	0.000	93	233931	20.0	18.2	
79 Epichlorohydrin	57	5.576	5.576	0.000	100	138692	400.0	400.5	
80 2-Nitropropane	41	5.808	5.808	0.000	99	30485	40.0	41.6	
81 Tetrachloroethene	166	5.984	5.984	0.000	98	58400	20.0	22.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	98	341042	100.0	99.1	
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	94	77484	20.0	17.7	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	41653	20.0	18.0	
85 Ethyl methacrylate	69	6.314	6.314	0.000	92	71922	20.0	21.7	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	52556	20.0	18.8	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	96	86656	20.0	19.0	
88 Ethylene Dibromide	107	6.698	6.698	0.000	98	51807	20.0	20.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	77261	20.0	17.7	
90 2-Hexanone	43	7.106	7.106	0.000	98	242705	100.0	98.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	410700	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	150758	20.0	19.3	
93 Ethylbenzene	106	7.502	7.502	0.000	98	78907	20.0	18.6	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	50482	20.0	19.0	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	98064	20.0	18.6	
96 o-Xylene	106	8.319	8.319	0.000	94	94621	20.0	18.5	
97 Bromoform	173	8.380	8.380	0.000	95	38825	20.0	21.7	
98 Styrene	104	8.405	8.405	0.000	95	160425	20.0	18.1	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	39411	20.0	18.0	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	252346	20.0	19.7	
101 Camphene	41	8.929	8.929	0.000	95	17947	20.0	19.7	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	108385	20.0	16.6	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	94	149354	50.0	57.4	
104 Bromobenzene	156	9.301	9.301	0.000	96	68459	20.0	18.6	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	298780	20.0	16.2	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	98	67903	20.0	17.9	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	207143	20.0	15.9	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	265785	20.0	16.9	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	97	20874	20.0	18.3	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	219811	20.0	16.9	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	87	21411	20.0	17.1	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	194093	20.0	16.1	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	179935	20.0	17.5	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	69801	20.0	15.0	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	229983	20.0	16.8	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	265765	20.0	17.8	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	136692	20.0	19.1	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	237336	20.0	17.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	244558	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.989	0.000	96	139445	20.0	18.7	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	235987	20.0	17.2	
122 Benzyl chloride	91	11.416	11.416	0.000	98	174552	20.0	16.6	
123 p-Diethylbenzene	119	11.428	11.428	0.000	95	141238	20.0	18.3	
124 n-Butylbenzene	91	11.495	11.495	0.000	98	218315	20.0	18.3	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	132307	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	98	217665	20.0	17.3	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	16343	20.0	22.1	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	108792	20.0	22.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	102536	20.0	21.8	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	96	40624	20.0	32.7	
131 Camphor	95	13.532	13.532	0.000	93	39492	100.0	81.3	
132 Naphthalene	128	13.568	13.568	0.000	99	257303	20.0	20.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	96622	20.0	25.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 135 Xylenes, Total	100				0		40.0	37.1	
S 136 Total BTEX	1				0		100.0	91.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

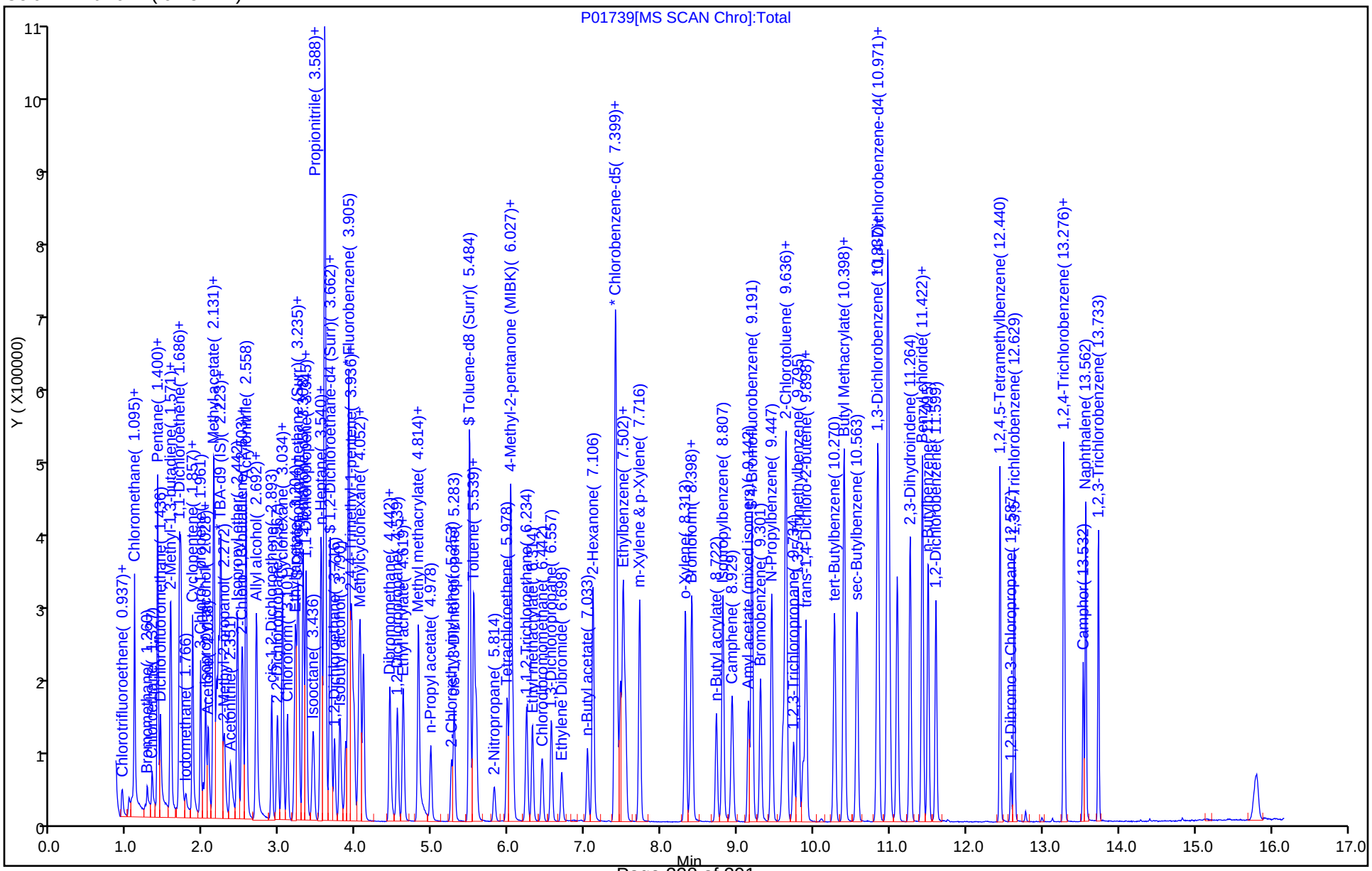
Report Date: 28-Jul-2015 15:52:05 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01739.D

Injection Date:	28-Jul-2015 07:34:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

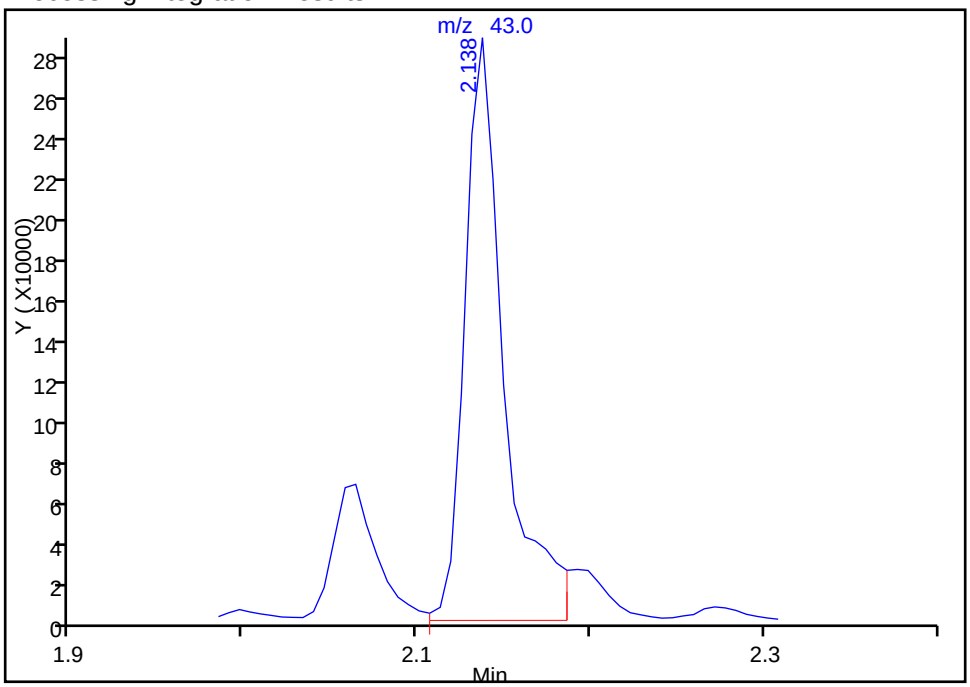
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01739.D
Injection Date: 28-Jul-2015 07:34:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

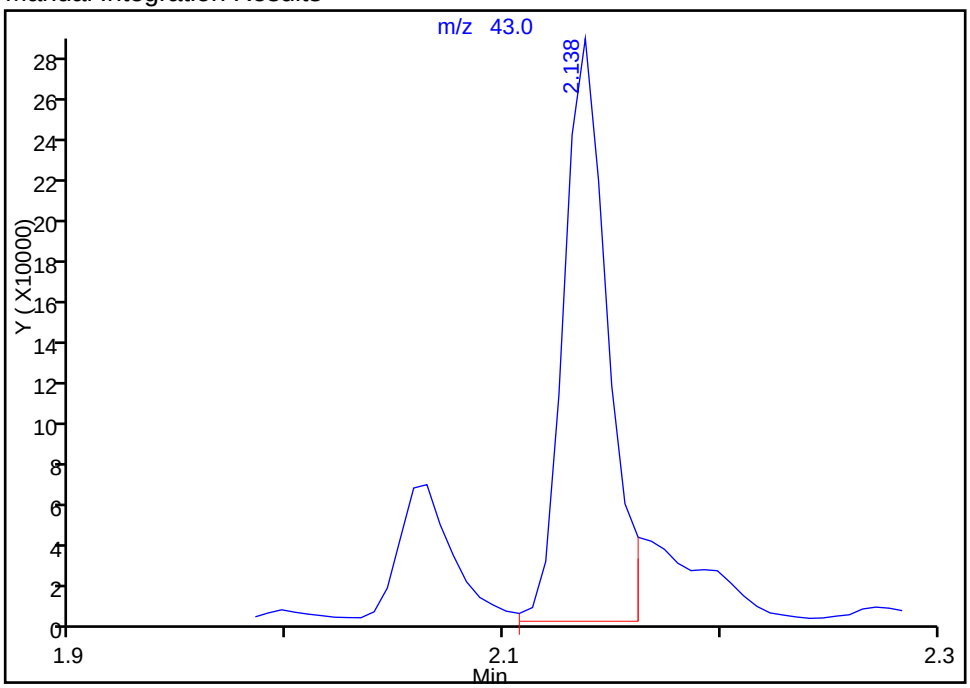
Processing Integration Results

RT: 2.14
Area: 444237
Amount: 153.1444
Amount Units: ug/l



Manual Integration Results

RT: 2.14
Area: 399590
Amount: 137.7529
Amount Units: ug/l



Reviewer: desais, 28-Jul-2015 09:15:05
Audit Action: Manually Integrated
Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00393.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 19-Jun-2015 20:18:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0028740-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jun-2015 12:20:11 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.321	2.321	0.000	81	124065	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

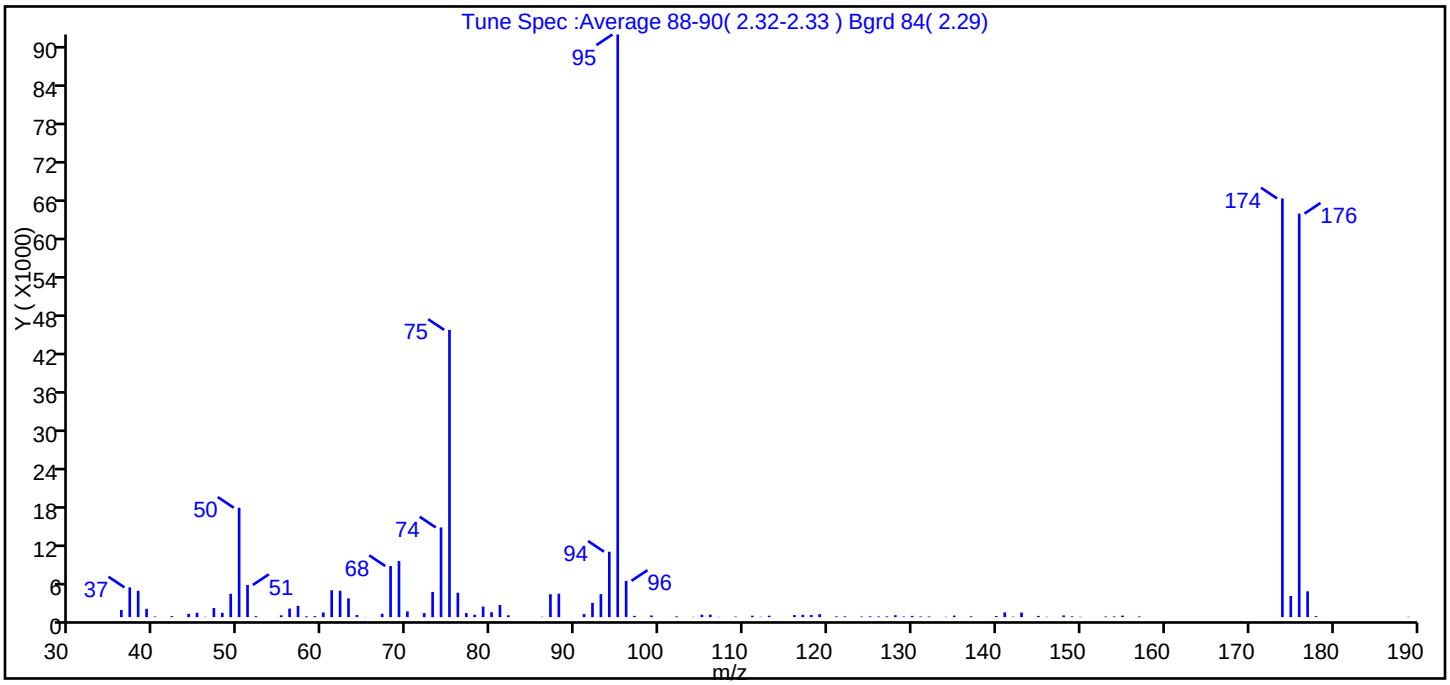
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00393.D
Injection Date: 19-Jun-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.8
75	30 to 60% of m/z 95	49.3
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	71.9
175	5 to 9% of m/z 174	3.6 (5.0)
176	Greater than 95% but less than 101% of m/z 174	69.3 (96.4)
177	5 to 9% of m/z 176	4.4 (6.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00393.D\8260W_13.rslt\spectra.d
Injection Date: 19-Jun-2015 20:18:30
Spectrum: Tune Spec :Average 88-90(2.32-2.33) Bgrd 84(2.29)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1117	64.00	331	96.00	5682	131.00	109
37.00	4657	65.00	32	97.00	202	132.00	111
38.00	4132	67.00	528	99.00	261	134.00	57
39.00	1303	68.00	8002	102.00	122	135.00	247
40.00	95	69.00	8797	104.00	53	137.00	132
42.00	159	70.00	898	105.00	380	140.00	169
44.00	515	72.00	637	106.00	391	141.00	750
45.00	688	73.00	3951	107.00	40	142.00	75
46.00	55	74.00	14041	109.00	88	143.00	723
47.00	1429	75.00	44960	111.00	225	145.00	195
48.00	681	76.00	3820	112.00	57	146.00	56
49.00	3659	77.00	632	113.00	227	148.00	270
50.00	17120	78.00	373	116.00	322	149.00	126
51.00	5039	79.00	1650	117.00	362	150.00	51
52.00	156	80.00	773	118.00	336	153.00	111
53.00	4	81.00	1901	119.00	467	154.00	115
55.00	292	82.00	294	121.00	123	155.00	245
56.00	1338	86.00	59	122.00	123	157.00	115
57.00	1769	87.00	3587	124.00	100	174.00	65528
58.00	141	88.00	3665	125.00	129	175.00	3308
59.00	163	91.00	477	126.00	114	176.00	63152
60.00	730	92.00	2233	127.00	123	177.00	4042
61.00	4208	93.00	3607	128.00	302	178.00	162
62.00	4133	94.00	10243	129.00	96	189.00	60
63.00	2937	95.00	91184	130.00	199		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01653.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Jul-2015 06:17:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030007-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jul-2015 10:41:52 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.309	2.309	0.000	95	38945	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

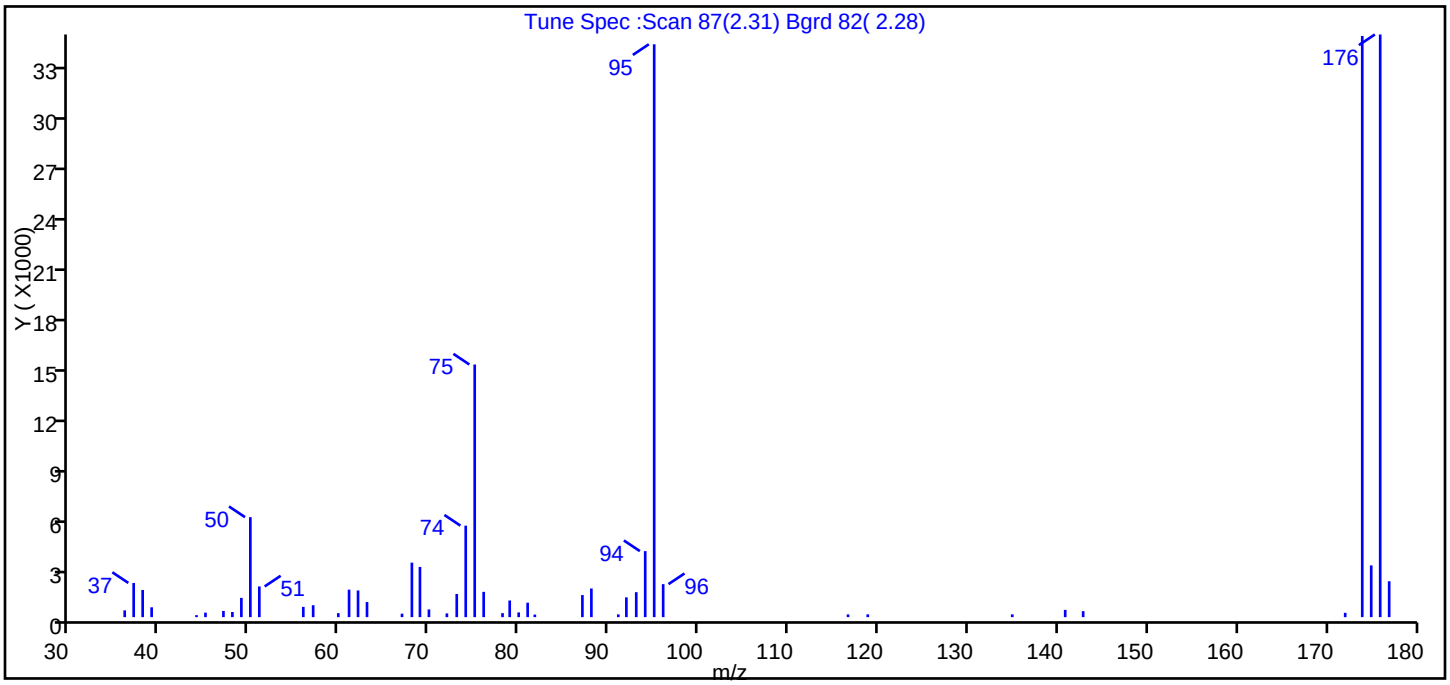
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01653.D
Injection Date: 24-Jul-2015 06:17:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	44.1
96	5 to 9% of m/z 95	5.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	101.4
175	5 to 9% of m/z 174	9.0 (8.9)
176	Greater than 95% but less than 101% of m/z 174	101.7 (100.3)
177	5 to 9% of m/z 176	6.3 (6.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01653.D\8260W_13.rslt\spectra.d
Injection Date: 24-Jul-2015 06:17:30
Spectrum: Tune Spec :Scan 87(2.31) Bgrd 82(2.28)
Base Peak: 175.90
Minimum % Base Peak: 0
Number of Points: 49

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	399	59.80	235	78.10	236	116.60	161
37.00	2013	61.00	1618	78.90	980	118.80	165
38.00	1598	62.00	1571	79.90	277	134.90	164
39.00	580	63.00	889	80.90	850	140.80	427
44.00	117	66.90	205	81.70	153	142.80	353
45.00	266	68.00	3208	87.00	1300	172.00	255
47.00	364	68.90	2955	88.00	1686	173.90	34208
48.00	302	69.90	455	91.00	162	174.90	3046
49.00	1135	71.90	221	91.90	1165	175.90	34296
50.00	5886	73.00	1364	93.00	1470	176.90	2113
51.00	1806	74.00	5386	94.00	3886		
55.90	603	75.00	14870	95.00	33720		
57.00	702	76.00	1489	96.00	1943		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01737.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Jul-2015 06:29:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030126-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Jul-2015 12:11:43 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: desais Date: 28-Jul-2015 07:36:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.297	2.297	0.000	89	87799	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

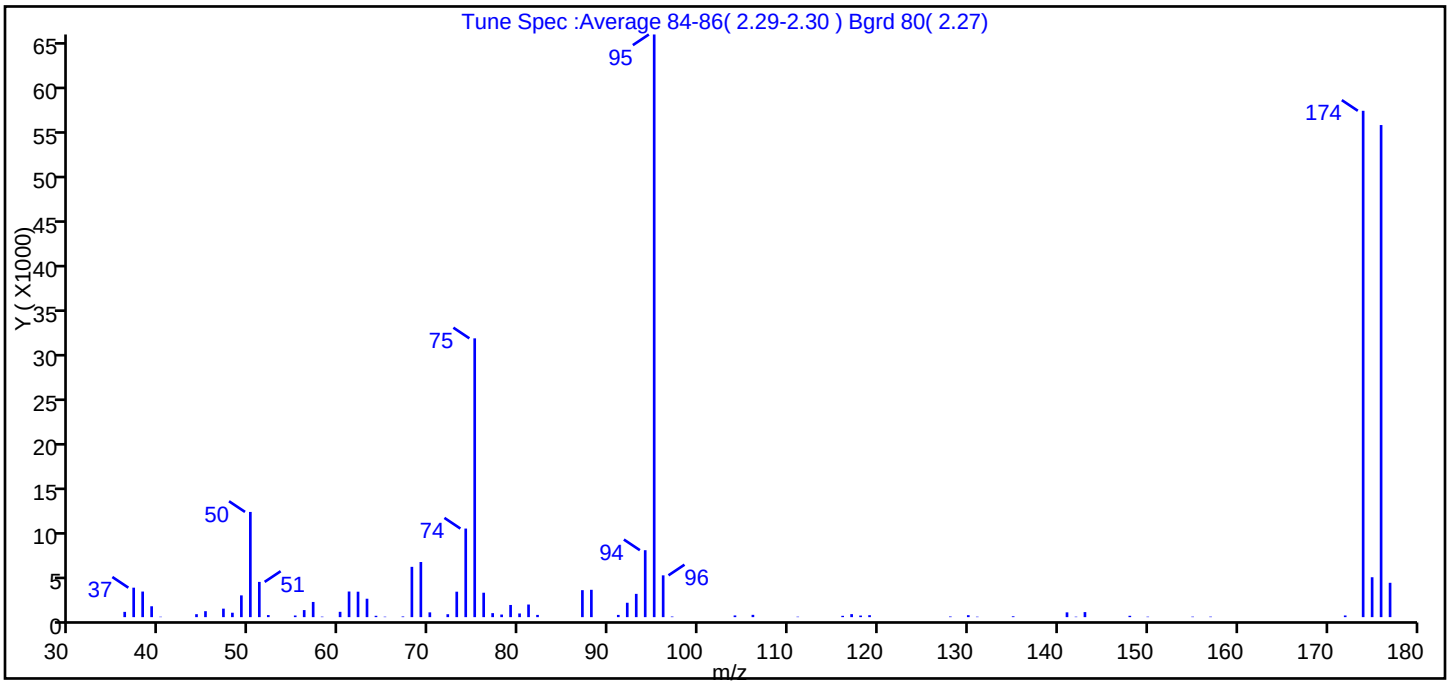
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01737.D
Injection Date: 28-Jul-2015 06:29:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.1
75	30 to 60% of m/z 95	47.8
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.9
175	5 to 9% of m/z 174	6.8 (7.9)
176	Greater than 95% but less than 101% of m/z 174	84.5 (97.2)
177	5 to 9% of m/z 176	5.9 (7.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01737.D\8260W_13.rslt\spectra.d
Injection Date: 28-Jul-2015 06:29:30
Spectrum: Tune Spec :Average 84-86(2.29-2.30) Bgrd 80(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	588	61.00	2862	81.00	1409	128.00	71
37.00	3290	62.00	2841	82.00	250	130.00	219
38.00	2857	63.00	2057	87.00	3012	131.00	51
39.00	1215	64.00	152	88.00	3053	135.00	95
40.00	45	65.00	51	91.00	250	141.00	535
44.00	331	67.00	76	92.00	1606	142.00	52
45.00	665	68.00	5616	93.00	2599	143.00	564
47.00	949	69.00	6155	94.00	7474	148.00	151
48.00	493	70.00	535	95.00	65056	150.00	52
49.00	2430	72.00	326	96.00	4667	155.00	56
50.00	11748	73.00	2842	97.00	67	157.00	56
51.00	3936	74.00	9890	104.00	189	172.00	185
52.00	230	75.00	31128	106.00	257	174.00	56536
55.00	182	76.00	2727	111.00	50	175.00	4455
56.00	788	77.00	448	116.00	147	176.00	54944
57.00	1696	78.00	290	117.00	338	177.00	3836
58.00	55	79.00	1360	118.00	178		
60.00	594	80.00	410	119.00	218		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-312464/7

Matrix: Water | Lab File ID: P01659.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 09:12

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-312464/7

Matrix: Water | Lab File ID: P01659.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 09:12

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	80		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-312464/7

Matrix: Water Lab File ID: P01659.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 09:12

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 24-Jul-2015 10:41:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01659.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jul-2015 09:12:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030007-007
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jul-2015 10:41:54 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 24-Jul-2015 10:41:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	100	329517	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	77789	50.0	49.8	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	291552	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	94261	50.0	48.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	385798	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	94	30460	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	289779	50.0	39.8	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	320826	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	105731	50.0	52.0	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	190726	50.0	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

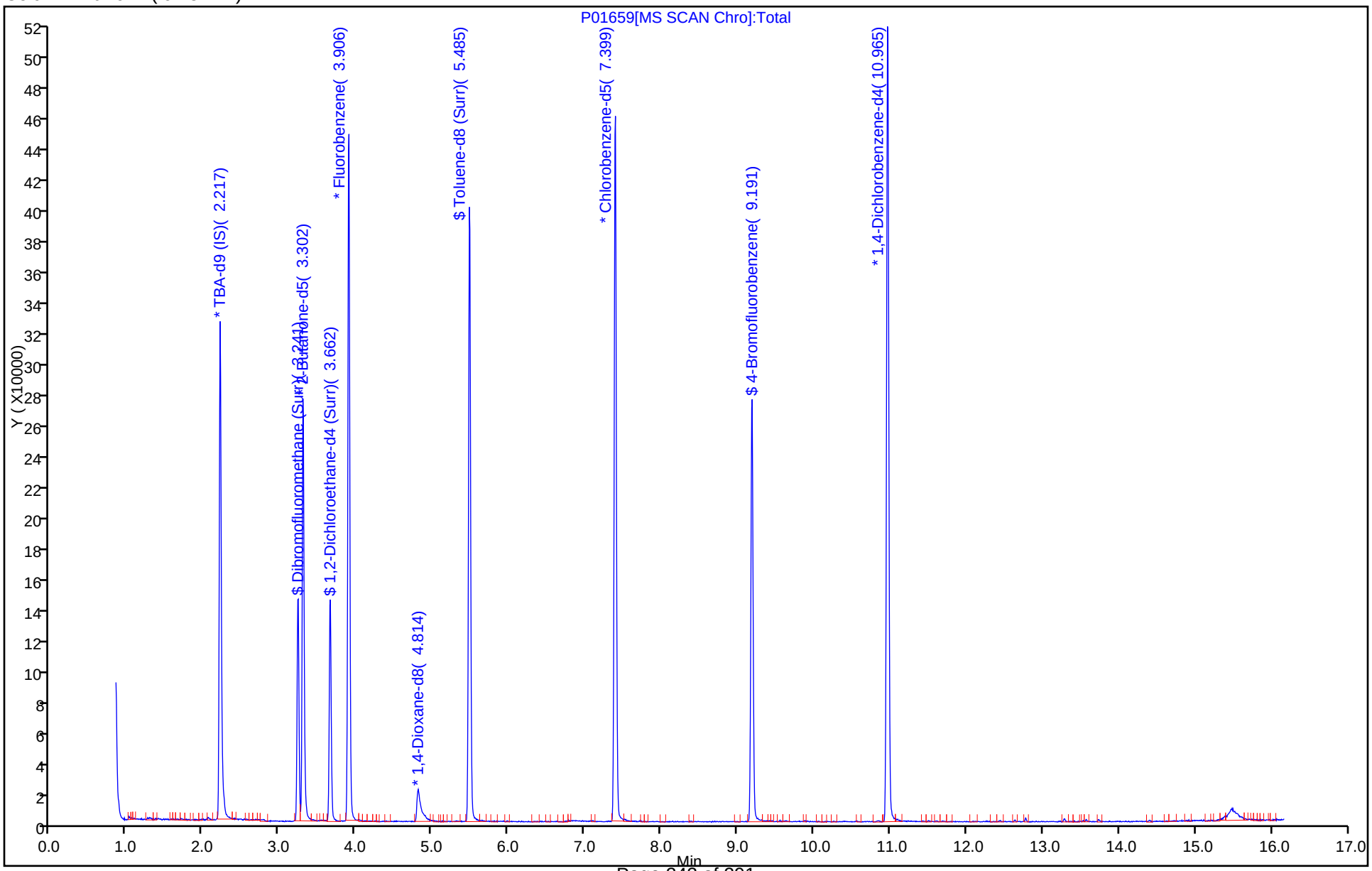
Report Date: 24-Jul-2015 10:41:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01659.D

Injection Date:	24-Jul-2015 09:12:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313105/8

Matrix: Water | Lab File ID: P01744.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 10:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313105/8

Matrix: Water | Lab File ID: P01744.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 10:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-130
460-00-4	4-Bromofluorobenzene	110		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-313105/8

Matrix: Water Lab File ID: P01744.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2015 10:01

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313105 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01744.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Jul-2015 10:01:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030126-008
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Jul-2015 12:15:45 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: desais Date: 28-Jul-2015 12:12:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	422399	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	86744	50.0	45.6	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	369241	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	96	100042	50.0	42.2	
* 61 Fluorobenzene	96	3.905	3.905	0.000	98	469484	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.826	-0.012	93	41602	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	355991	50.0	39.2	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	400186	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	139760	50.0	55.1	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	236324	50.0	50.0	

Reagents:

8260ISNEW_00029 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

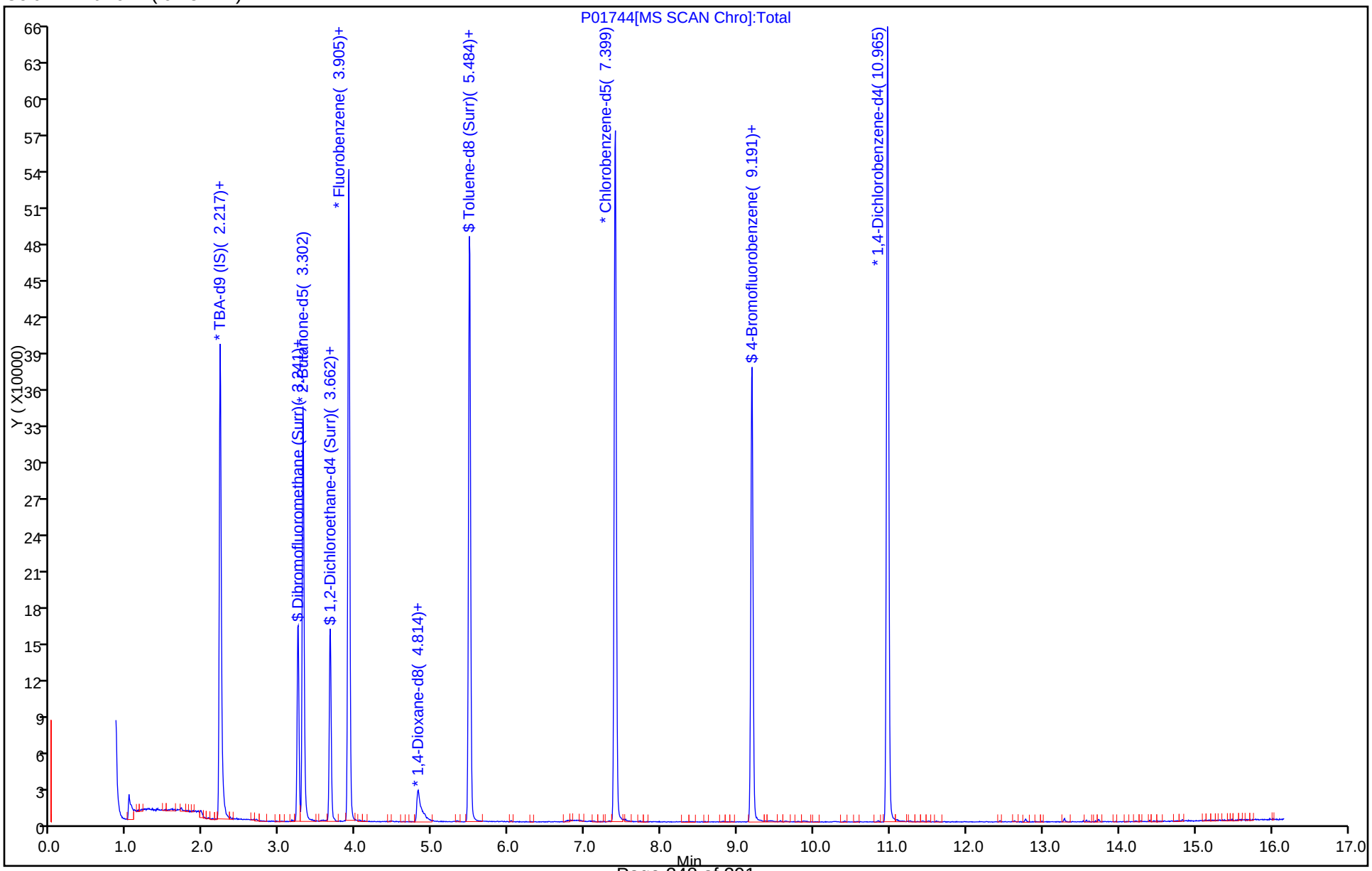
Report Date: 28-Jul-2015 12:16:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01744.D

Injection Date:	28-Jul-2015 10:01:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-312464/4

Matrix: Water | Lab File ID: P01656.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 07:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.6		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15.3		1.0	0.34
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.080
75-34-3	1,1-Dichloroethane	19.4		1.0	0.24
75-35-4	1,1-Dichloroethene	18.1		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	26.0		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	21.5		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	22.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.22
107-06-2	1,2-Dichloroethane	21.0		1.0	0.25
78-87-5	1,2-Dichloropropane	19.0		1.0	0.18
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.33
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
123-91-1	1,4-Dioxane	381		50	8.7
78-93-3	2-Butanone (MEK)	121		5.0	2.2
591-78-6	2-Hexanone	110		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	98.5		5.0	0.63
67-64-1	Acetone	165		5.0	1.1
71-43-2	Benzene	16.8		1.0	0.090
75-25-2	Bromoform	22.4		1.0	0.18
74-83-9	Bromomethane	18.5		1.0	0.18
75-15-0	Carbon disulfide	17.5		1.0	0.22
56-23-5	Carbon tetrachloride	18.0		1.0	0.33
108-90-7	Chlorobenzene	19.1		1.0	0.24
74-97-5	Chlorobromomethane	23.0		1.0	0.30
124-48-1	Chlorodibromomethane	19.2		1.0	0.22
75-00-3	Chloroethane	17.8		1.0	0.37
67-66-3	Chloroform	20.2		1.0	0.22
74-87-3	Chloromethane	27.1		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	16.6		1.0	0.16
110-82-7	Cyclohexane	12.8		1.0	0.26
75-27-4	Dichlorobromomethane	19.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	8.66		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-312464/4

Matrix: Water | Lab File ID: P01656.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 07:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	17.8		1.0	0.30
106-93-4	Ethylene Dibromide	20.0		1.0	0.19
98-82-8	Isopropylbenzene	18.0		1.0	0.32
79-20-9	Methyl acetate	145		5.0	0.58
1634-04-4	Methyl tert-butyl ether	21.6		1.0	0.13
108-87-2	Methylcyclohexane	15.1		1.0	0.22
75-09-2	Methylene Chloride	20.2		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	17.5		1.0	0.28
95-47-6	o-Xylene	17.2		1.0	0.32
100-42-5	Styrene	17.6		1.0	0.17
127-18-4	Tetrachloroethene	21.4		1.0	0.12
108-88-3	Toluene	17.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.19
79-01-6	Trichloroethene	21.8		1.0	0.22
75-69-4	Trichlorofluoromethane	16.5		1.0	0.15
75-01-4	Vinyl chloride	16.5		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	116		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	84		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01656.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jul-2015 07:56:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030007-004
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Jul-2015 10:41:54 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: desais Date: 24-Jul-2015 10:40:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.931	0.931	0.000	88	2935	20.0	10.5	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	98	20735	20.0	8.66	
3 Vinyl chloride	62	1.089	1.089	0.000	98	43987	20.0	16.5	
5 Butadiene	54	1.095	1.095	0.000	91	30430	20.0	11.8	
4 Chloromethane	50	1.095	1.095	0.000	80	61778	20.0	27.1	
6 Bromomethane	94	1.266	1.266	0.000	98	26537	20.0	18.5	
7 Chloroethane	64	1.327	1.327	0.000	100	31548	20.0	17.8	
8 Pentane	72	1.400	1.400	0.000	98	8418	40.0	15.8	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	95	53928	20.0	16.5	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	99	98320	20.0	22.2	
11 2-Methyl-1,3-butadiene	67	1.571	1.571	0.000	97	46285	20.0	14.9	
12 Ethyl ether	59	1.577	1.577	0.000	95	42255	20.0	21.6	
13 Ethanol	46	1.668	1.668	0.000	99	16424	800.0	853.1	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	79	39796	20.0	15.5	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	98	33320	20.0	18.1	
16 Carbon disulfide	76	1.705	1.705	0.000	100	123463	20.0	17.5	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	95	27583	20.0	15.3	
18 Iodomethane	142	1.772	1.772	0.000	98	31036	20.0	16.2	
19 Cyclopentene	67	1.857	1.857	0.000	97	89798	20.0	14.5	
20 Acrolein	56	1.882	1.882	0.000	95	2978	40.0	20.1	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	23636	20.0	18.2	
22 Isopropyl alcohol	45	1.991	1.991	0.000	99	46513	200.0	180.1	
23 Methylene Chloride	84	2.028	2.028	0.000	95	45787	20.0	20.2	
24 Acetone	43	2.058	2.058	0.000	85	138151	100.0	165.3	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	43436	20.0	19.6	
26 Methyl acetate	43	2.138	2.138	0.000	100	347887	100.0	144.8	
27 Hexane	57	2.174	2.174	0.000	92	65211	20.0	16.1	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	95	142854	20.0	21.6	
* 29 TBA-d9 (IS)	65	2.223	2.223	0.000	100	323403	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.272	0.000	98	78188	200.0	207.9	
31 Acetonitrile	41	2.351	2.351	0.000	97	82352	200.0	169.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	96	156553	20.0	19.6	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	32472	20.0	17.4	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	100	81867	20.0	19.4	
35 Acrylonitrile	53	2.552	2.552	0.000	93	219783	200.0	233.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	87	143055	20.0	19.9	
38 Allyl alcohol	57	2.692	2.692	0.000	48	73184	500.0	328.8	
37 Vinyl acetate	43	2.698	2.698	0.000	100	119999	40.0	70.6	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	96	45515	20.0	20.8	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	56129	20.0	17.1	
41 Cyclohexane	56	3.034	3.034	0.000	93	46720	20.0	12.8	
42 Chlorobromomethane	128	3.040	3.040	0.000	93	23970	20.0	23.0	
43 Chloroform	83	3.101	3.101	0.000	98	74980	20.0	20.2	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	45899	20.0	18.0	
46 Methyl acrylate	55	3.204	3.204	0.000	94	47397	20.0	21.9	
47 Tetrahydrofuran	42	3.223	3.223	0.000	93	43134	40.0	37.9	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	81366	50.0	50.0	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	56950	20.0	17.6	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	299586	250.0	250.0	
45 Ethyl acetate	43	3.339	3.339	0.000	91	183289	40.0	70.7	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	41914	100.0	121.0	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	94	50516	20.0	17.6	
52 Isooctane	57	3.436	3.436	0.000	97	67107	20.0	15.0	
53 n-Heptane	57	3.534	3.534	0.000	93	16675	20.0	15.3	
54 Benzene	78	3.546	3.546	0.000	96	173243	20.0	16.8	
55 Propionitrile	54	3.576	3.576	0.000	97	83098	200.0	159.6	
56 Methacrylonitrile	67	3.589	3.589	0.000	95	219751	200.0	245.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	99459	50.0	49.0	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	123742	20.0	19.9	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	62652	20.0	21.0	
60 Isobutyl alcohol	43	3.784	3.784	0.000	96	70298	500.0	399.3	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	402146	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	140800	40.0	32.6	
62 Isopropyl acetate	43	3.973	3.973	0.000	97	100821	20.0	23.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	42965	20.0	15.1	
64 Trichloroethene	130	4.058	4.058	0.000	96	45653	20.0	21.8	
66 n-Butanol	56	4.436	4.436	0.000	93	41822	500.0	388.1	
67 Dibromomethane	93	4.442	4.442	0.000	92	27420	20.0	21.2	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	86	44496	20.0	19.0	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	60892	20.0	22.1	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	57470	20.0	19.8	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	57	32934	1000.0	1000.0	
71 Methyl methacrylate	100	4.820	4.820	0.000	92	27110	40.0	49.4	
73 1,4-Dioxane	88	4.844	4.844	0.000	94	15328	400.0	381.3	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	74799	20.0	23.3	
75 2-Chloroethyl vinyl ether	63	5.253	5.253	0.000	96	24471	20.0	19.1	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	67744	20.0	16.6	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	318729	50.0	41.9	
78 Toluene	91	5.545	5.545	0.000	93	179745	20.0	17.1	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	103697	400.0	380.4	
80 2-Nitropropane	41	5.808	5.808	0.000	98	25207	40.0	41.5	
81 Tetrachloroethene	166	5.978	5.978	0.000	98	44960	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	98	266928	100.0	98.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	97	62861	20.0	17.7	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	34798	20.0	18.5	
85 Ethyl methacrylate	69	6.308	6.308	0.000	90	55161	20.0	20.1	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	43723	20.0	19.2	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	95	68712	20.0	18.5	
88 Ethylene Dibromide	107	6.698	6.698	0.000	97	41847	20.0	20.0	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	30403	20.0	8.57	
90 2-Hexanone	43	7.106	7.106	0.000	98	214332	100.0	110.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	334663	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	94	121601	20.0	19.1	
93 Ethylbenzene	106	7.502	7.502	0.000	98	61492	20.0	17.8	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	94	42685	20.0	19.8	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	75275	20.0	17.5	
96 o-Xylene	106	8.319	8.319	0.000	95	71594	20.0	17.2	
97 Bromoform	173	8.380	8.380	0.000	98	32558	20.0	22.4	
98 Styrene	104	8.405	8.405	0.000	97	126889	20.0	17.6	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	30270	20.0	17.0	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	188195	20.0	18.0	
101 Camphene	41	8.935	8.935	0.000	96	11846	20.0	15.9	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	80442	20.0	14.7	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	122782	50.0	57.9	
104 Bromobenzene	156	9.301	9.301	0.000	93	58710	20.0	19.1	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	217552	20.0	14.1	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	97	55067	20.0	17.3	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	162219	20.0	14.9	
108 4-Ethyltoluene	105	9.642	9.642	0.000	98	204187	20.0	15.5	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	97	17523	20.0	18.4	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	166484	20.0	15.3	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	88	18431	20.0	17.5	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	154482	20.0	15.3	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	131510	20.0	15.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	97	52909	20.0	13.6	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	180034	20.0	15.7	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	193196	20.0	15.4	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	113321	20.0	18.9	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	174961	20.0	15.7	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	204895	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.996	10.996	0.000	95	117079	20.0	18.8	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	193060	20.0	16.8	
122 Benzyl chloride	91	11.416	11.416	0.000	98	136394	20.0	15.5	
123 p-Diethylbenzene	119	11.428	11.428	0.000	94	109559	20.0	16.9	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	160043	20.0	16.0	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	113127	20.0	19.8	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	97	162729	20.0	15.4	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	14049	20.0	22.7	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	98	91436	20.0	22.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	84627	20.0	21.5	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	32372	20.0	31.1	
131 Camphor	95	13.532	13.532	0.000	93	29849	100.0	73.3	
132 Naphthalene	128	13.562	13.562	0.000	99	204484	20.0	19.5	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	82663	20.0	26.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	34.7	
S 136 Total BTEX	1				0		100.0	86.5	

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00024	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

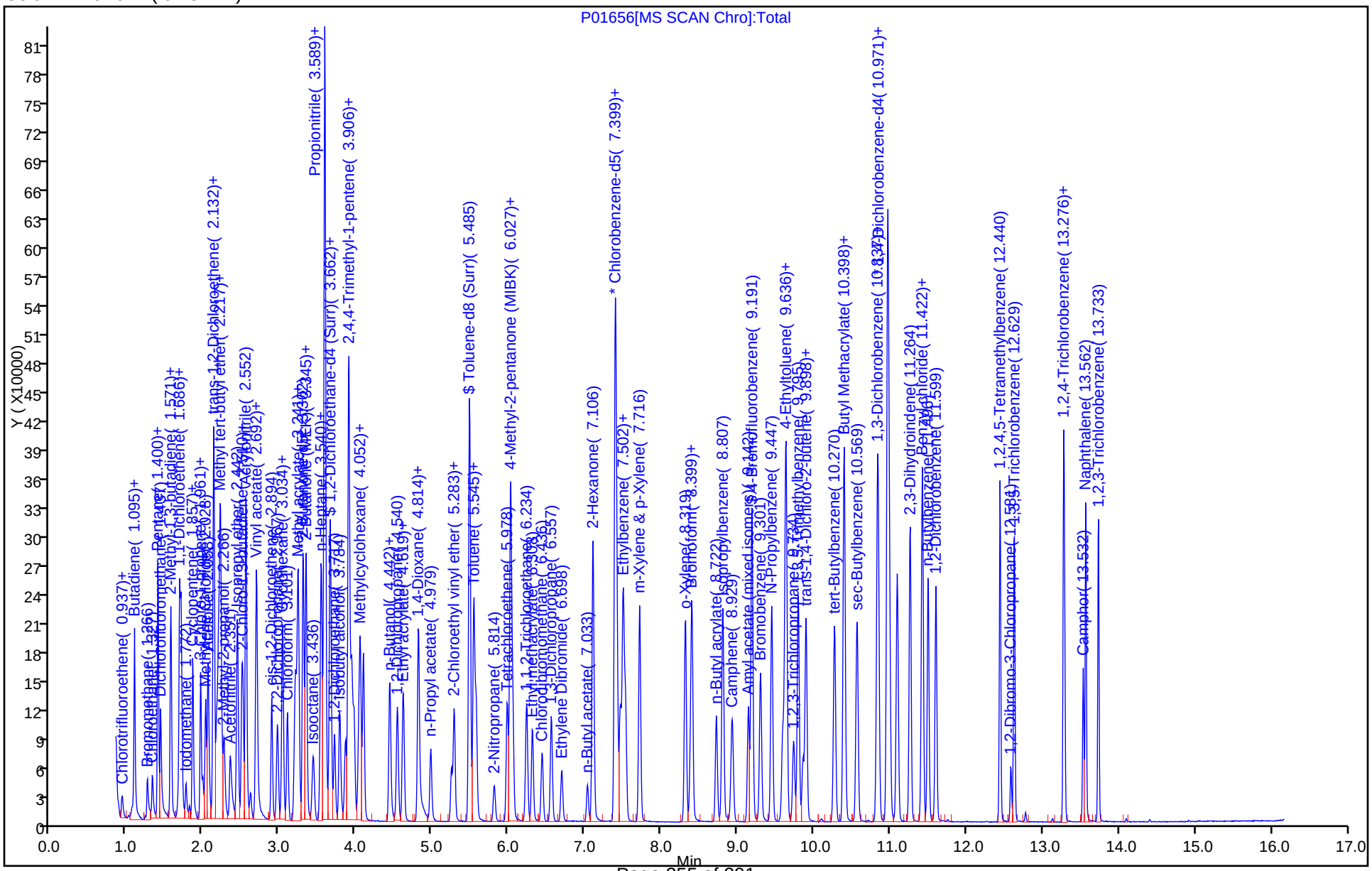
Report Date: 24-Jul-2015 10:41:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01656.D

Injection Date:	24-Jul-2015 07:56:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313105/4

Matrix: Water | Lab File ID: P01740.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 08:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.5		1.0	0.34
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.080
75-34-3	1,1-Dichloroethane	20.5		1.0	0.24
75-35-4	1,1-Dichloroethene	20.1		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	25.8		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	21.6		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	23.5		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.22
107-06-2	1,2-Dichloroethane	21.2		1.0	0.25
78-87-5	1,2-Dichloropropane	20.7		1.0	0.18
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.33
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.33
123-91-1	1,4-Dioxane	373		50	8.7
78-93-3	2-Butanone (MEK)	97.7		5.0	2.2
591-78-6	2-Hexanone	99.7		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	99.0		5.0	0.63
67-64-1	Acetone	104		5.0	1.1
71-43-2	Benzene	17.5		1.0	0.090
75-25-2	Bromoform	20.9		1.0	0.18
74-83-9	Bromomethane	9.27		1.0	0.18
75-15-0	Carbon disulfide	20.4		1.0	0.22
56-23-5	Carbon tetrachloride	18.9		1.0	0.33
108-90-7	Chlorobenzene	18.8		1.0	0.24
74-97-5	Chlorobromomethane	23.5		1.0	0.30
124-48-1	Chlorodibromomethane	19.1		1.0	0.22
75-00-3	Chloroethane	19.7		1.0	0.37
67-66-3	Chloroform	20.3		1.0	0.22
74-87-3	Chloromethane	29.2		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.16
110-82-7	Cyclohexane	17.3		1.0	0.26
75-27-4	Dichlorobromomethane	20.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	13.6		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313105/4

Matrix: Water | Lab File ID: P01740.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 08:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18.3		1.0	0.30
106-93-4	Ethylene Dibromide	20.1		1.0	0.19
98-82-8	Isopropylbenzene	18.8		1.0	0.32
79-20-9	Methyl acetate	143		5.0	0.58
1634-04-4	Methyl tert-butyl ether	23.4		1.0	0.13
108-87-2	Methylcyclohexane	20.3		1.0	0.22
75-09-2	Methylene Chloride	21.1		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	18.4		1.0	0.28
95-47-6	o-Xylene	18.0		1.0	0.32
100-42-5	Styrene	18.1		1.0	0.17
127-18-4	Tetrachloroethene	22.1		1.0	0.12
108-88-3	Toluene	17.8		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	17.8		1.0	0.19
79-01-6	Trichloroethene	21.6		1.0	0.22
75-69-4	Trichlorofluoromethane	19.7		1.0	0.15
75-01-4	Vinyl chloride	19.0		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
460-00-4	4-Bromofluorobenzene	115		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	82		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01740.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Jul-2015 08:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030126-004
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Jul-2015 15:53:40 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 28-Jul-2015 12:50:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	3929	20.0	11.9	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	38385	20.0	13.6	
3 Vinyl chloride	62	1.089	1.089	0.000	97	59643	20.0	19.0	
5 Butadiene	54	1.095	1.095	0.000	92	46758	20.0	15.3	
4 Chloromethane	50	1.095	1.095	0.000	90	78437	20.0	29.2	
6 Bromomethane	94	1.260	1.260	0.000	97	17437	20.0	9.27	
7 Chloroethane	64	1.327	1.327	0.000	100	41160	20.0	19.7	
8 Pentane	72	1.400	1.394	0.006	96	12821	40.0	18.7	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	76038	20.0	19.7	
10 Dichlorofluoromethane	67	1.436	1.436	0.000	98	96579	20.0	18.5	
11 2-Methyl-1,3-butadiene	67	1.564	1.564	0.000	97	66532	20.0	18.1	
12 Ethyl ether	59	1.577	1.577	0.000	95	51969	20.0	22.5	
13 Ethanol	46	1.674	1.674	0.000	98	18985	800.0	759.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	87	55965	20.0	18.5	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	97	43621	20.0	20.1	
16 Carbon disulfide	76	1.705	1.705	0.000	100	170141	20.0	20.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	92	39239	20.0	18.5	
18 Iodomethane	142	1.772	1.772	0.000	99	16061	20.0	7.10	
19 Cyclopentene	67	1.857	1.857	0.000	97	129187	20.0	17.7	
20 Acrolein	56	1.888	1.881	0.007	85	3100	40.0	15.9	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	29847	20.0	19.5	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	61788	200.0	184.4	
23 Methylene Chloride	84	2.028	2.028	0.000	96	56326	20.0	21.1	
24 Acetone	43	2.064	2.064	0.000	86	115287	100.0	104.1	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	52360	20.0	20.0	
26 Methyl acetate	43	2.138	2.138	0.000	100	406142	100.0	143.2	M
27 Hexane	57	2.174	2.174	0.000	92	96223	20.0	20.2	
28 Methyl tert-butyl ether	73	2.198	2.198	0.000	96	182729	20.0	23.4	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	99	419815	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.272	0.006	99	107545	200.0	221.2	
31 Acetonitrile	41	2.351	2.351	0.000	98	108781	200.0	172.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	97	206927	20.0	21.9	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	44047	20.0	20.0	
34 1,1-Dichloroethane	63	2.515	2.515	0.000	100	102162	20.0	20.5	
35 Acrylonitrile	53	2.558	2.558	0.000	94	289559	200.0	260.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	185994	20.0	21.9	
38 Allyl alcohol	57	2.692	2.692	0.000	50	83779	500.0	290.0	
37 Vinyl acetate	43	2.698	2.698	0.000	100	67214	40.0	33.5	
39 cis-1,2-Dichloroethene	96	2.893	2.893	0.000	95	56290	20.0	21.8	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	73981	20.0	19.1	
41 Cyclohexane	56	3.034	3.034	0.000	94	74774	20.0	17.3	
42 Chlorobromomethane	128	3.040	3.040	0.000	95	28906	20.0	23.5	
43 Chloroform	83	3.101	3.101	0.000	98	89073	20.0	20.3	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	57043	20.0	18.9	
45 Ethyl acetate	43	3.204	3.204	0.000	70	126600	40.0	37.4	
46 Methyl acrylate	55	3.204	3.210	-0.006	66	65056	20.0	25.5	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	60638	40.0	40.9	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	90097	50.0	46.9	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	72989	20.0	19.1	
* 157 2-Butanone-d5	46	3.308	3.308	0.000	0	390761	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	44137	100.0	97.7	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	66	67059	20.0	19.8	
52 Isooctane	57	3.436	3.436	0.000	99	112931	20.0	21.4	
53 n-Heptane	57	3.534	3.534	0.000	95	27127	20.0	21.0	
54 Benzene	78	3.546	3.546	0.000	95	216966	20.0	17.5	
55 Propionitrile	54	3.576	3.576	0.000	95	112501	200.0	166.4	
56 Methacrylonitrile	67	3.588	3.588	0.000	95	288475	200.0	273.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	96	107206	50.0	44.8	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	162817	20.0	22.2	
59 1,2-Dichloroethane	62	3.716	3.716	0.000	97	74797	20.0	21.2	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	93853	500.0	410.7	
* 61 Fluorobenzene	96	3.905	3.905	0.000	98	474698	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.936	0.006	96	218333	40.0	42.8	
62 Isopropyl acetate	43	3.973	3.973	-0.001	96	133252	20.0	25.7	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	67904	20.0	20.3	
64 Trichloroethene	130	4.058	4.058	0.000	97	53471	20.0	21.6	
66 n-Butanol	56	4.442	4.442	0.000	92	56000	500.0	400.3	
67 Dibromomethane	93	4.442	4.442	0.000	96	33505	20.0	21.9	
68 1,2-Dichloropropane	63	4.539	4.539	0.000	90	57000	20.0	20.7	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	84011	20.0	25.9	
70 Dichlorobromomethane	83	4.619	4.619	0.000	98	69223	20.0	20.2	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	36415	40.0	56.2	
* 72 1,4-Dioxane-d8	96	4.820	4.826	-0.006	55	43636	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	60	19883	400.0	373.3	
74 n-Propyl acetate	43	4.978	4.978	0.000	100	101766	20.0	26.9	
75 2-Chloroethyl vinyl ether	63	5.253	5.253	0.000	96	35789	20.0	23.7	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	84997	20.0	17.3	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	376030	50.0	41.1	
78 Toluene	91	5.545	5.539	0.006	93	225064	20.0	17.8	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	140609	400.0	395.5	
80 2-Nitropropane	41	5.808	5.808	0.000	99	30854	40.0	43.1	
81 Tetrachloroethene	166	5.984	5.984	0.000	97	55764	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	97	349934	100.0	99.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.057	6.051	0.006	98	76076	20.0	17.8	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	42357	20.0	18.7	
85 Ethyl methacrylate	69	6.314	6.314	0.000	92	72532	20.0	22.4	
86 Chlorodibromomethane	129	6.435	6.442	-0.007	99	52164	20.0	19.1	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	96	86196	20.0	19.3	
88 Ethylene Dibromide	107	6.698	6.698	0.000	100	50572	20.0	20.1	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	81882	20.0	19.2	
90 2-Hexanone	43	7.106	7.106	0.000	99	252440	100.0	99.7	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	402917	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	144131	20.0	18.8	
93 Ethylbenzene	106	7.502	7.502	0.000	98	76244	20.0	18.3	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	95	49535	20.0	19.0	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	95208	20.0	18.4	
96 o-Xylene	106	8.313	8.319	-0.006	94	90399	20.0	18.0	
97 Bromoform	173	8.386	8.380	0.006	95	36691	20.0	20.9	
98 Styrene	104	8.405	8.405	0.000	96	157317	20.0	18.1	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	40580	20.0	18.9	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	236897	20.0	18.8	
101 Camphene	41	8.929	8.929	0.000	95	16306	20.0	18.2	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	111355	20.0	17.4	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	94	146949	50.0	57.6	
104 Bromobenzene	156	9.301	9.301	0.000	95	67509	20.0	18.8	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	279435	20.0	15.5	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	98	69239	20.0	18.7	
107 2-Chlorotoluene	91	9.630	9.630	0.000	96	199649	20.0	15.7	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	246948	20.0	16.1	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	97	20372	20.0	18.3	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	206907	20.0	16.3	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	86	21388	20.0	17.5	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	185243	20.0	15.7	
113 tert-Butylbenzene	119	10.270	10.270	0.000	94	168582	20.0	16.8	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	69490	20.0	15.3	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	219806	20.0	16.5	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	250443	20.0	17.2	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	96	129068	20.0	18.4	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	225334	20.0	17.4	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	95	238974	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.989	0.000	96	134028	20.0	18.4	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	230164	20.0	17.2	
122 Benzyl chloride	91	11.416	11.416	0.000	98	169112	20.0	16.4	
123 p-Diethylbenzene	119	11.428	11.428	0.000	94	132898	20.0	17.6	
124 n-Butylbenzene	91	11.502	11.495	0.007	97	205298	20.0	17.6	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	129833	20.0	19.5	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	98	208302	20.0	16.9	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	16951	20.0	23.5	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	98	104274	20.0	22.4	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	99206	20.0	21.6	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	96	38736	20.0	31.9	
131 Camphor	95	13.532	13.532	0.000	92	41275	100.0	86.9	
132 Naphthalene	128	13.568	13.568	0.000	99	260253	20.0	21.3	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	95406	20.0	25.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	36.4	
S 136 Total BTEX	1				0		100.0	90.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Jul-2015 15:53:41 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01740.D

Injection Date: 28-Jul-2015 08:20:30 Instrument ID: CVOAMS13 Operator ID:

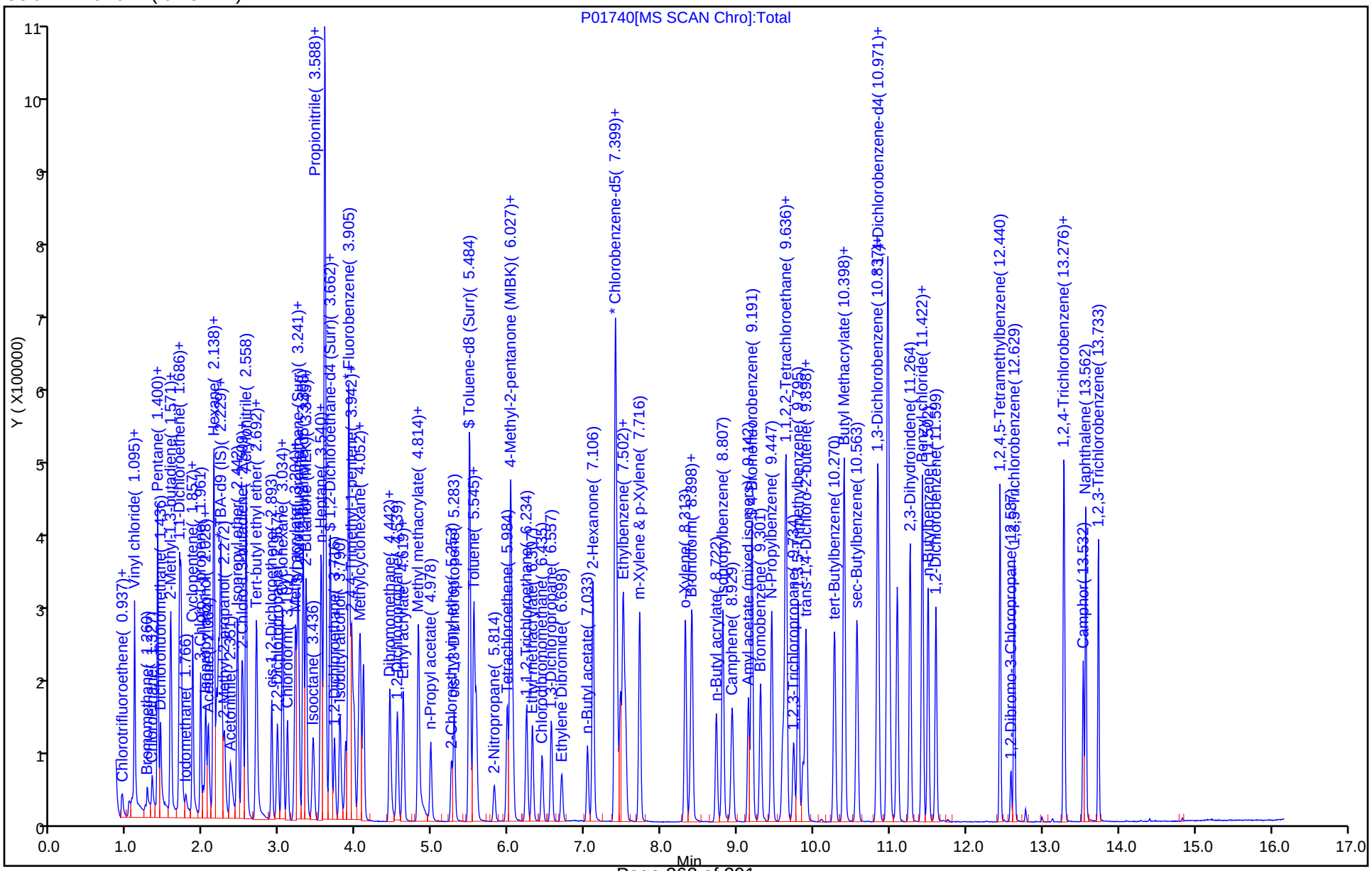
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

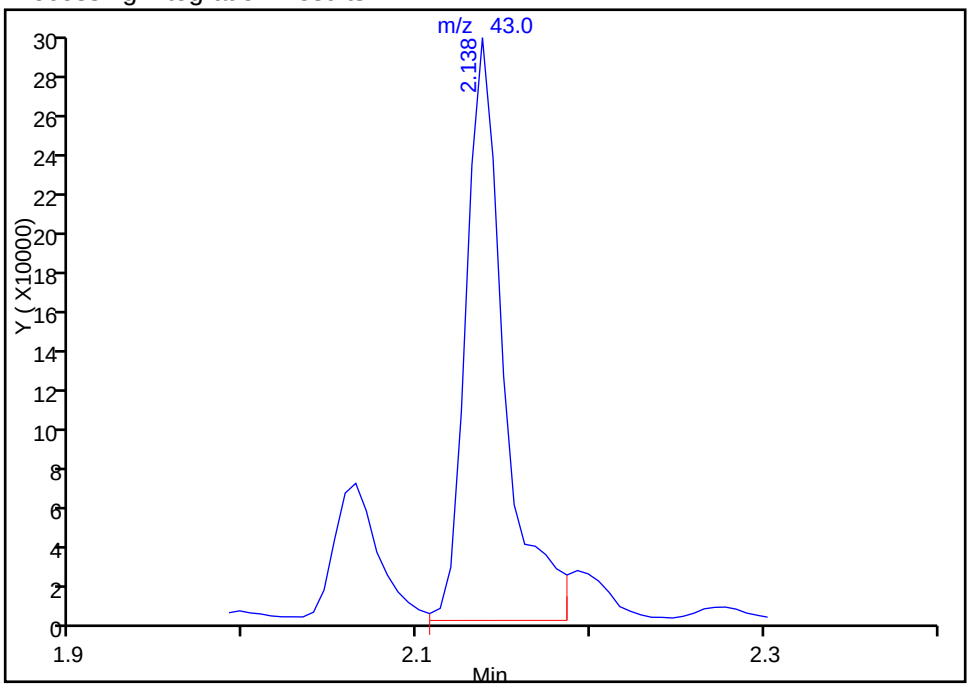
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01740.D
Injection Date: 28-Jul-2015 08:20:30 Instrument ID: CVOAMS13
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

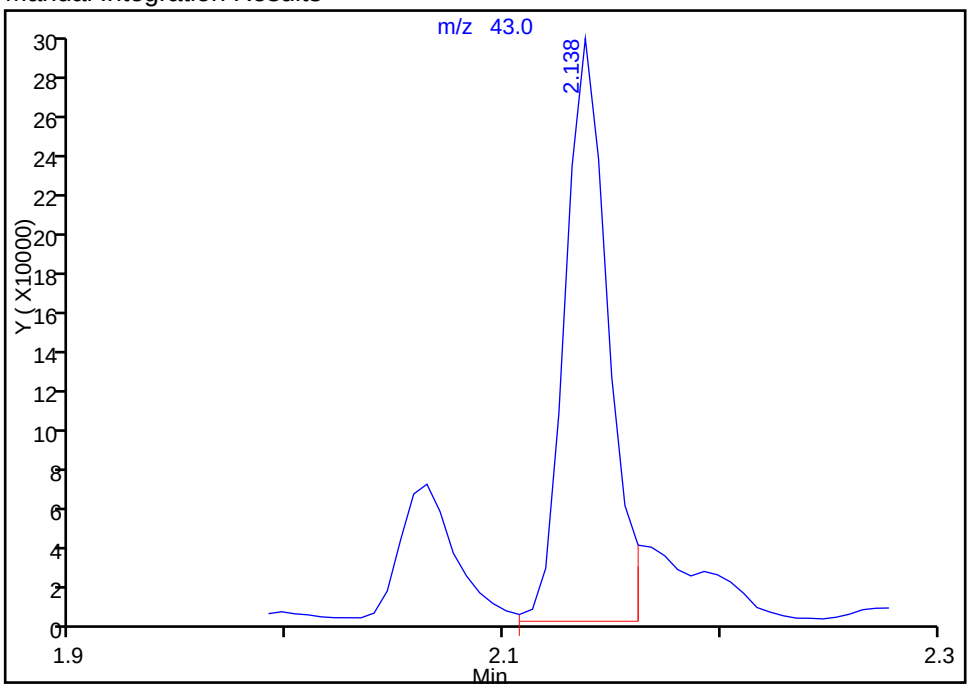
Processing Integration Results

RT: 2.14
Area: 449670
Amount: 158.5184
Amount Units: ug/l



Manual Integration Results

RT: 2.14
Area: 406142
Amount: 143.1738
Amount Units: ug/l



Reviewer: desais, 28-Jul-2015 12:50:48
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-313105/5

Matrix: Water | Lab File ID: P01741.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 08:46

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.7		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.5		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.080
75-34-3	1,1-Dichloroethane	21.4		1.0	0.24
75-35-4	1,1-Dichloroethene	21.7		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	26.3		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	23.4		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.22
107-06-2	1,2-Dichloroethane	21.3		1.0	0.25
78-87-5	1,2-Dichloropropane	21.2		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
123-91-1	1,4-Dioxane	400		50	8.7
78-93-3	2-Butanone (MEK)	102		5.0	2.2
591-78-6	2-Hexanone	104		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	0.63
67-64-1	Acetone	104		5.0	1.1
71-43-2	Benzene	18.2		1.0	0.090
75-25-2	Bromoform	22.3		1.0	0.18
74-83-9	Bromomethane	10.2		1.0	0.18
75-15-0	Carbon disulfide	22.0		1.0	0.22
56-23-5	Carbon tetrachloride	21.3		1.0	0.33
108-90-7	Chlorobenzene	20.1		1.0	0.24
74-97-5	Chlorobromomethane	23.6		1.0	0.30
124-48-1	Chlorodibromomethane	19.7		1.0	0.22
75-00-3	Chloroethane	22.0		1.0	0.37
67-66-3	Chloroform	21.7		1.0	0.22
74-87-3	Chloromethane	30.7		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	22.7		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.16
110-82-7	Cyclohexane	18.7		1.0	0.26
75-27-4	Dichlorobromomethane	21.0		1.0	0.15
75-71-8	Dichlorodifluoromethane	14.8		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-313105/5

Matrix: Water | Lab File ID: P01741.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/28/2015 08:46

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313105 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	19.7		1.0	0.30
106-93-4	Ethylene Dibromide	20.9		1.0	0.19
98-82-8	Isopropylbenzene	20.3		1.0	0.32
79-20-9	Methyl acetate	159		5.0	0.58
1634-04-4	Methyl tert-butyl ether	23.7		1.0	0.13
108-87-2	Methylcyclohexane	22.4		1.0	0.22
75-09-2	Methylene Chloride	21.9		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	19.2		1.0	0.28
95-47-6	o-Xylene	19.0		1.0	0.32
100-42-5	Styrene	18.8		1.0	0.17
127-18-4	Tetrachloroethene	23.9		1.0	0.12
108-88-3	Toluene	18.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.19
79-01-6	Trichloroethene	23.4		1.0	0.22
75-69-4	Trichlorofluoromethane	21.6		1.0	0.15
75-01-4	Vinyl chloride	21.0		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene	118		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	82		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01741.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 28-Jul-2015 08:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0030126-005
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Jul-2015 15:54:30 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	89	4201	20.0	12.9	
2 Dichlorodifluoromethane	85	0.936	0.937	-0.001	99	41193	20.0	14.8	
3 Vinyl chloride	62	1.089	1.089	0.000	98	64590	20.0	21.0	
5 Butadiene	54	1.095	1.095	0.000	93	50902	20.0	17.0	
4 Chloromethane	50	1.095	1.095	0.000	85	80931	20.0	30.7	
6 Bromomethane	94	1.260	1.260	0.000	98	18880	20.0	10.2	
7 Chloroethane	64	1.327	1.327	0.000	99	45072	20.0	22.0	
8 Pentane	72	1.394	1.394	0.000	97	13403	40.0	19.8	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	96	81900	20.0	21.6	
10 Dichlorofluoromethane	67	1.436	1.436	0.000	98	113689	20.0	22.1	
11 2-Methyl-1,3-butadiene	67	1.564	1.564	0.000	98	72361	20.0	20.1	
12 Ethyl ether	59	1.577	1.577	0.000	95	51224	20.0	22.6	
13 Ethanol	46	1.674	1.674	0.000	98	20642	800.0	835.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	87	59404	20.0	20.0	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	97	46190	20.0	21.7	
16 Carbon disulfide	76	1.705	1.705	0.000	100	180119	20.0	22.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	93	42805	20.0	20.5	
18 Iodomethane	142	1.766	1.772	-0.006	97	17354	20.0	7.81	
19 Cyclopentene	67	1.857	1.857	0.000	97	135885	20.0	18.9	
20 Acrolein	56	1.881	1.881	0.000	85	3642	40.0	19.1	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	30826	20.0	20.5	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	62595	200.0	189.1	
23 Methylene Chloride	84	2.028	2.028	0.000	95	57436	20.0	21.9	
24 Acetone	43	2.064	2.064	0.000	86	110991	100.0	103.8	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	54951	20.0	21.4	
26 Methyl acetate	43	2.137	2.138	-0.001	100	441949	100.0	158.7	
27 Hexane	57	2.174	2.174	0.000	92	100157	20.0	21.5	
28 Methyl tert-butyl ether	73	2.198	2.198	0.000	97	182161	20.0	23.7	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	99	415106	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.272	0.000	99	95276	200.0	196.6	
31 Acetonitrile	41	2.351	2.351	0.000	100	107722	200.0	173.1	
32 Isopropyl ether	45	2.442	2.442	0.000	97	206229	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	47850	20.0	22.1	
34 1,1-Dichloroethane	63	2.515	2.515	0.000	99	104726	20.0	21.4	
35 Acrylonitrile	53	2.558	2.558	0.000	94	281780	200.0	257.7	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	86	185204	20.0	22.2	
38 Allyl alcohol	57	2.692	2.692	0.000	44	89862	500.0	314.5	
37 Vinyl acetate	43	2.698	2.698	0.000	52	66195	40.0	33.6	
39 cis-1,2-Dichloroethene	96	2.893	2.893	0.000	96	57437	20.0	22.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	77579	20.0	20.4	
41 Cyclohexane	56	3.034	3.034	0.000	94	79267	20.0	18.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	93	28466	20.0	23.6	
43 Chloroform	83	3.101	3.101	0.000	99	93664	20.0	21.7	
44 Carbon tetrachloride	117	3.198	3.192	0.006	97	63098	20.0	21.3	
45 Ethyl acetate	43	3.204	3.204	0.000	70	126108	40.0	38.7	
46 Methyl acrylate	55	3.204	3.210	-0.006	66	63489	20.0	25.4	
47 Tetrahydrofuran	42	3.223	3.223	0.000	95	62007	40.0	43.3	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	88654	50.0	47.0	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	77637	20.0	20.7	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	377134	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	44548	100.0	102.1	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	67	71757	20.0	21.6	
52 Isooctane	57	3.436	3.436	0.000	99	115412	20.0	22.3	
53 n-Heptane	57	3.534	3.534	0.000	95	28643	20.0	22.6	
54 Benzene	78	3.546	3.546	0.000	96	223116	20.0	18.2	
55 Propionitrile	54	3.576	3.576	0.000	98	110358	200.0	165.1	
56 Methacrylonitrile	67	3.588	3.588	0.000	94	288157	200.0	277.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	103968	50.0	44.2	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	162515	20.0	22.6	
59 1,2-Dichloroethane	62	3.716	3.716	0.000	97	73881	20.0	21.3	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	93249	500.0	412.7	
* 61 Fluorobenzene	96	3.905	3.905	0.000	98	466039	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.936	0.006	96	232805	40.0	46.5	
62 Isopropyl acetate	43	3.972	3.973	-0.001	98	132229	20.0	26.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	73529	20.0	22.4	
64 Trichloroethene	130	4.058	4.058	0.000	97	56890	20.0	23.4	
66 n-Butanol	56	4.442	4.442	0.000	91	56344	500.0	407.3	
67 Dibromomethane	93	4.442	4.442	0.000	95	34372	20.0	22.9	
68 1,2-Dichloropropane	63	4.539	4.539	0.000	90	57355	20.0	21.2	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	84867	20.0	26.6	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	70541	20.0	21.0	
71 Methyl methacrylate	100	4.820	4.814	0.006	94	36015	40.0	56.6	
* 72 1,4-Dioxane-d8	96	4.814	4.826	-0.012	77	41800	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	95	20403	400.0	399.9	
74 n-Propyl acetate	43	4.978	4.978	0.000	99	101215	20.0	27.2	
75 2-Chloroethyl vinyl ether	63	5.247	5.253	-0.006	96	36039	20.0	24.3	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	87785	20.0	18.1	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	370571	50.0	40.9	
78 Toluene	91	5.539	5.539	0.000	93	233378	20.0	18.7	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	139931	400.0	407.8	
80 2-Nitropropane	41	5.807	5.808	-0.001	98	30895	40.0	43.9	
81 Tetrachloroethene	166	5.984	5.984	0.000	98	59788	20.0	23.9	
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.027	-0.006	98	352577	100.0	103.4	
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	98	78090	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	42968	20.0	19.1	
85 Ethyl methacrylate	69	6.307	6.314	-0.007	90	74568	20.0	23.4	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	53277	20.0	19.7	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	96	87387	20.0	19.7	
88 Ethylene Dibromide	107	6.698	6.698	0.000	98	52086	20.0	20.9	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	80807	20.0	19.1	
90 2-Hexanone	43	7.106	7.106	0.000	98	254404	100.0	104.1	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	399025	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	153269	20.0	20.1	
93 Ethylbenzene	106	7.502	7.502	0.000	98	81232	20.0	19.7	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	93	51522	20.0	20.0	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	98821	20.0	19.2	
96 o-Xylene	106	8.319	8.319	0.000	94	94269	20.0	19.0	
97 Bromoform	173	8.380	8.380	0.000	95	38684	20.0	22.3	
98 Styrene	104	8.398	8.405	-0.007	95	161278	20.0	18.8	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	40915	20.0	19.3	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	252823	20.0	20.3	
101 Camphene	41	8.929	8.929	0.000	95	17503	20.0	19.7	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	111417	20.0	17.3	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	94	149432	50.0	59.1	
104 Bromobenzene	156	9.301	9.301	0.000	96	68881	20.0	19.1	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	301106	20.0	16.6	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	97	69666	20.0	18.7	
107 2-Chlorotoluene	91	9.624	9.630	-0.006	96	208814	20.0	16.3	
108 4-Ethyltoluene	105	9.636	9.636	0.000	99	267589	20.0	17.4	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	98	20750	20.0	18.5	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	-0.001	93	219068	20.0	17.2	
111 trans-1,4-Dichloro-2-buten	53	9.855	9.856	-0.001	89	21823	20.0	17.7	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	193450	20.0	16.3	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	179893	20.0	17.8	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	71486	20.0	15.6	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	230469	20.0	17.2	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	99	267145	20.0	18.2	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	135356	20.0	19.2	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	239376	20.0	18.4	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	240332	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.989	0.000	96	140697	20.0	19.2	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	240614	20.0	17.8	
122 Benzyl chloride	91	11.416	11.416	0.000	97	174372	20.0	16.9	
123 p-Diethylbenzene	119	11.422	11.428	-0.006	94	141472	20.0	18.6	
124 n-Butylbenzene	91	11.495	11.495	0.000	98	218201	20.0	18.6	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	132786	20.0	19.8	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	97	220139	20.0	17.8	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	16980	20.0	23.4	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	98	109740	20.0	23.5	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	102998	20.0	22.3	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	41328	20.0	33.9	
131 Camphor	95	13.532	13.532	0.000	91	43502	100.0	91.1	
132 Naphthalene	128	13.562	13.568	-0.006	99	268464	20.0	21.8	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	98137	20.0	26.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.1	
S 135 Xylenes, Total	100				0		40.0	38.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	94.8	

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Jul-2015 15:54:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150728-30126.b\P01741.D

Injection Date: 28-Jul-2015 08:46:30 Instrument ID: CVOAMS13 Operator ID:

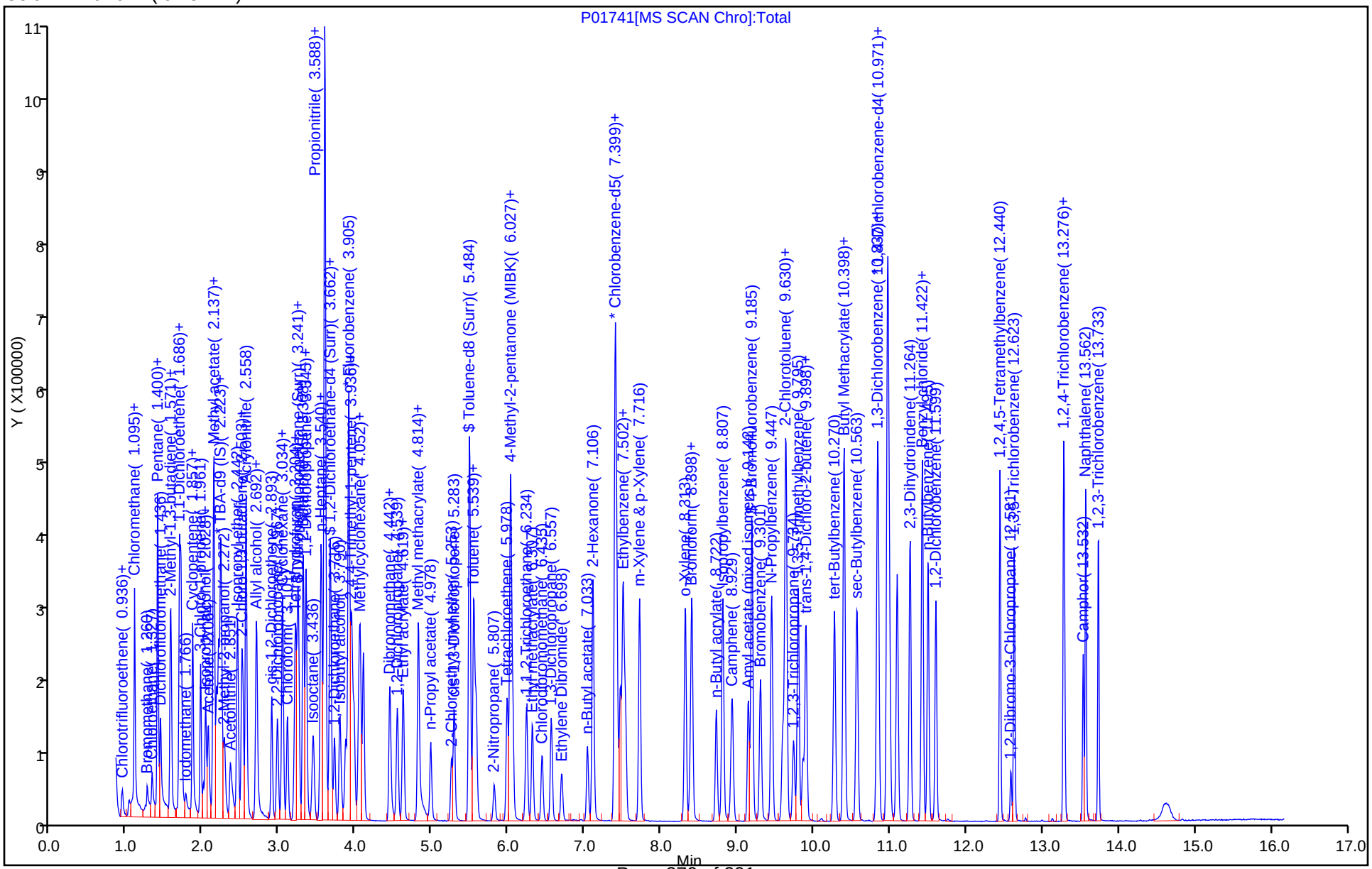
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 MS | Lab Sample ID: 460-98395-2 MS

Matrix: Water | Lab File ID: P01678.D

Analysis Method: 8260C | Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 17:11

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	219		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	177		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	198		10	3.4
79-00-5	1,1,2-Trichloroethane	189		10	0.80
75-34-3	1,1-Dichloroethane	213		10	2.4
75-35-4	1,1-Dichloroethene	219		10	3.4
87-61-6	1,2,3-Trichlorobenzene	262		10	3.5
120-82-1	1,2,4-Trichlorobenzene	218		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	231		10	2.3
95-50-1	1,2-Dichlorobenzene	208		10	2.2
107-06-2	1,2-Dichloroethane	222		10	2.5
78-87-5	1,2-Dichloropropane	199		10	1.8
541-73-1	1,3-Dichlorobenzene	201		10	3.3
106-46-7	1,4-Dichlorobenzene	200		10	3.3
123-91-1	1,4-Dioxane	3950		500	87
78-93-3	2-Butanone (MEK)	1000		50	22
591-78-6	2-Hexanone	944		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1010		50	6.3
67-64-1	Acetone	988		50	11
71-43-2	Benzene	181		10	0.90
75-25-2	Bromoform	236		10	1.8
74-83-9	Bromomethane	180		10	1.8
75-15-0	Carbon disulfide	207		10	2.2
56-23-5	Carbon tetrachloride	225		10	3.3
108-90-7	Chlorobenzene	206		10	2.4
74-97-5	Chlorobromomethane	255		10	3.0
124-48-1	Chlorodibromomethane	206		10	2.2
75-00-3	Chloroethane	208		10	3.7
67-66-3	Chloroform	224		10	2.2
74-87-3	Chloromethane	272		10	2.2
156-59-2	cis-1,2-Dichloroethene	224		10	2.6
10061-01-5	cis-1,3-Dichloropropene	160		10	1.6
110-82-7	Cyclohexane	157		10	2.6
75-27-4	Dichlorobromomethane	217		10	1.5
75-71-8	Dichlorodifluoromethane	82.6		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 MS | Lab Sample ID: 460-98395-2 MS

Matrix: Water | Lab File ID: P01678.D

Analysis Method: 8260C | Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 17:11

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	199		10	3.0
106-93-4	Ethylene Dibromide	202		10	1.9
98-82-8	Isopropylbenzene	202		10	3.2
79-20-9	Methyl acetate	1340		50	5.8
1634-04-4	Methyl tert-butyl ether	214		10	1.3
108-87-2	Methylcyclohexane	195		10	2.2
75-09-2	Methylene Chloride	213		10	2.1
179601-23-1	m-Xylene & p-Xylene	188		10	2.8
95-47-6	o-Xylene	181		10	3.2
100-42-5	Styrene	185		10	1.7
127-18-4	Tetrachloroethene	284		10	1.2
108-88-3	Toluene	186		10	2.5
156-60-5	trans-1,2-Dichloroethene	210		10	1.8
10061-02-6	trans-1,3-Dichloropropene	177		10	1.9
79-01-6	Trichloroethene	249		10	2.2
75-69-4	Trichlorofluoromethane	177		10	1.5
75-01-4	Vinyl chloride	176		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	121		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01678.D
Lims ID: 460-98395-A-2 MS
Client ID:
Sample Type: MS
Inject. Date: 24-Jul-2015 17:11:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-98395-A-2MS
Misc. Info.: 460-0030007-026
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:47:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.931	-0.007	88	2957	20.0	11.1	
2 Dichlorodifluoromethane	85	0.936	0.937	-0.001	99	18749	20.0	8.26	
3 Vinyl chloride	62	1.089	1.089	0.000	97	44293	20.0	17.6	
5 Butadiene	54	1.095	1.095	0.000	91	29383	20.0	12.0	
4 Chloromethane	50	1.095	1.095	0.000	81	58676	20.0	27.2	
6 Bromomethane	94	1.266	1.266	0.000	97	22079	20.0	18.0	
7 Chloroethane	64	1.327	1.327	0.000	100	34909	20.0	20.8	
8 Pentane	72	1.400	1.400	0.000	98	10659	40.0	23.8	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	97	54952	20.0	17.7	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	99	90983	20.0	21.6	
11 2-Methyl-1,3-butadiene	67	1.571	1.571	-0.001	96	52634	20.0	17.9	
12 Ethyl ether	59	1.577	1.577	0.000	94	39465	20.0	21.2	
13 Ethanol	46	1.662	1.668	-0.006	99	14087	800.0	855.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	79	46767	20.0	19.3	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	97	38245	20.0	21.9	
16 Carbon disulfide	76	1.705	1.705	0.000	100	138503	20.0	20.7	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	93	33738	20.0	19.8	
18 Iodomethane	142	1.772	1.772	0.000	97	26817	20.0	14.7	
19 Cyclopentene	67	1.857	1.857	0.000	97	105151	20.0	17.9	
20 Acrolein	56	1.881	1.882	-0.001	94	3193	40.0	25.6	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	90	23618	20.0	19.2	
22 Isopropyl alcohol	45	1.991	1.991	0.000	98	43289	200.0	196.5	
23 Methylene Chloride	84	2.028	2.028	0.000	93	45834	20.0	21.3	
24 Acetone	43	2.058	2.058	0.000	86	75470	100.0	98.8	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	97	44044	20.0	21.0	
26 Methyl acetate	43	2.137	2.138	-0.001	100	305995	100.0	134.3	
27 Hexane	57	2.174	2.174	0.000	94	68183	20.0	17.8	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	97	134774	20.0	21.4	
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	100	276471	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.266	2.272	-0.006	98	67124	200.0	208.8	
31 Acetonitrile	41	2.351	2.351	0.000	99	79167	200.0	191.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	96	148795	20.0	19.6	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	93	36517	20.0	20.6	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	100	85163	20.0	21.3	
35 Acrylonitrile	53	2.552	2.552	0.000	93	210092	200.0	234.8	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	87	138552	20.0	20.3	
38 Allyl alcohol	57	2.692	2.692	0.000	81	68151	500.0	358.2	
37 Vinyl acetate	43	2.698	2.698	0.000	100	128687	40.0	79.8	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	97	46406	20.0	22.4	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	56731	20.0	18.2	
41 Cyclohexane	56	3.034	3.034	0.000	92	54359	20.0	15.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	92	25230	20.0	25.5	
43 Chloroform	83	3.101	3.101	0.000	98	78940	20.0	22.4	
44 Carbon tetrachloride	117	3.192	3.192	0.000	97	54553	20.0	22.5	
46 Methyl acrylate	55	3.204	3.204	0.000	95	44879	20.0	21.9	
47 Tetrahydrofuran	42	3.223	3.223	0.000	95	40417	40.0	39.6	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	78591	50.0	50.9	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	67271	20.0	21.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	268876	250.0	250.0	
45 Ethyl acetate	43	3.338	3.339	-0.001	91	130792	40.0	56.2	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	31102	100.0	100.0	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	95	55137	20.0	20.3	
52 Isooctane	57	3.436	3.436	0.000	99	77300	20.0	18.2	
53 n-Heptane	57	3.534	3.534	0.000	95	17671	20.0	17.1	
54 Benzene	78	3.546	3.546	0.000	95	180804	20.0	18.1	
55 Propionitrile	54	3.576	3.576	0.000	98	78712	200.0	176.8	
56 Methacrylonitrile	67	3.588	3.589	-0.001	94	220075	200.0	259.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	94450	50.0	49.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	120190	20.0	20.4	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	98	62839	20.0	22.2	
60 Isobutyl alcohol	43	3.783	3.784	-0.001	99	61904	500.0	411.3	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	381383	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	160281	40.0	39.1	
62 Isopropyl acetate	43	3.972	3.973	-0.001	98	94757	20.0	22.8	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	52420	20.0	19.5	
64 Trichloroethene	130	4.058	4.058	0.000	96	49414	20.0	24.9	
66 n-Butanol	56	4.436	4.436	0.000	96	35891	500.0	389.6	
67 Dibromomethane	93	4.442	4.442	0.000	92	28680	20.0	23.4	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	86	43999	20.0	19.9	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	56657	20.0	21.7	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	59616	20.0	21.7	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	55	29371	1000.0	1000.0	
71 Methyl methacrylate	100	4.814	4.820	-0.006	91	26878	40.0	51.6	
73 1,4-Dioxane	88	4.838	4.844	-0.006	93	14161	400.0	395.0	
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	69048	20.0	22.7	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	63229	20.0	16.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	299906	50.0	40.7	
78 Toluene	91	5.545	5.545	0.000	93	189558	20.0	18.6	
79 Epichlorohydrin	57	5.570	5.576	-0.006	99	92316	400.0	377.3	
80 2-Nitropropane	41	5.807	5.808	-0.001	100	23646	40.0	41.1	
81 Tetrachloroethene	166	5.984	5.978	0.006	97	57756	20.0	28.4	
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.027	-0.006	98	246413	100.0	101.3	
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	98	61244	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	34616	20.0	18.9	
85 Ethyl methacrylate	69	6.307	6.308	-0.001	89	51771	20.0	19.9	
86 Chlorodibromomethane	129	6.435	6.436	-0.001	97	45362	20.0	20.6	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	95	68115	20.0	18.9	
88 Ethylene Dibromide	107	6.691	6.698	-0.007	99	41070	20.0	20.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	28783	20.0	8.36	
90 2-Hexanone	43	7.106	7.106	0.000	98	164399	100.0	94.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	324704	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	127755	20.0	20.6	
93 Ethylbenzene	106	7.502	7.502	0.000	98	66730	20.0	19.9	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	93	44204	20.0	21.1	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	78441	20.0	18.8	
96 o-Xylene	106	8.313	8.319	-0.006	95	73003	20.0	18.1	
97 Bromoform	173	8.380	8.380	0.000	97	33329	20.0	23.6	
98 Styrene	104	8.398	8.405	-0.007	97	129519	20.0	18.5	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	28710	20.0	16.6	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	204250	20.0	20.2	
101 Camphene	41	8.929	8.935	-0.006	96	9574	20.0	13.2	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	91	74988	20.0	13.8	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	124150	50.0	60.3	
104 Bromobenzene	156	9.301	9.301	0.000	93	60846	20.0	19.9	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	235851	20.0	15.4	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	97	55690	20.0	17.7	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	171490	20.0	15.8	
108 4-Ethyltoluene	105	9.636	9.642	-0.006	99	222140	20.0	17.0	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	96	17673	20.0	18.7	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	176892	20.0	16.4	
111 trans-1,4-Dichloro-2-buten	53	9.855	9.856	-0.001	88	16892	20.0	16.2	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	160314	20.0	16.0	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	146035	20.0	17.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	53691	20.0	13.9	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	189106	20.0	16.7	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	99	216574	20.0	17.4	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	98	119456	20.0	20.1	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	192143	20.0	17.4	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	203194	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.996	-0.007	97	123768	20.0	20.0	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	95	201443	20.0	17.7	
122 Benzyl chloride	91	11.416	11.416	0.000	97	121569	20.0	13.9	
123 p-Diethylbenzene	119	11.428	11.428	0.000	95	118271	20.0	18.4	
124 n-Butylbenzene	91	11.495	11.496	-0.001	98	175908	20.0	17.8	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	117770	20.0	20.8	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	98	166821	20.0	16.0	
127 1,2-Dibromo-3-Chloropropan	157	12.581	12.587	-0.006	94	14217	20.0	23.1	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	95688	20.0	24.2	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	85077	20.0	21.8	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	36012	20.0	34.9	
131 Camphor	95	13.532	13.532	0.000	93	27987	100.0	69.3	
132 Naphthalene	128	13.562	13.562	0.000	99	191738	20.0	18.4	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	82516	20.0	26.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 135 Xylenes, Total	100				0		40.0	36.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	93.5	

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00024	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Jul-2015 10:52:12 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01678.D

Injection Date: 24-Jul-2015 17:11:30 Instrument ID: CVOAMS13 Operator ID:

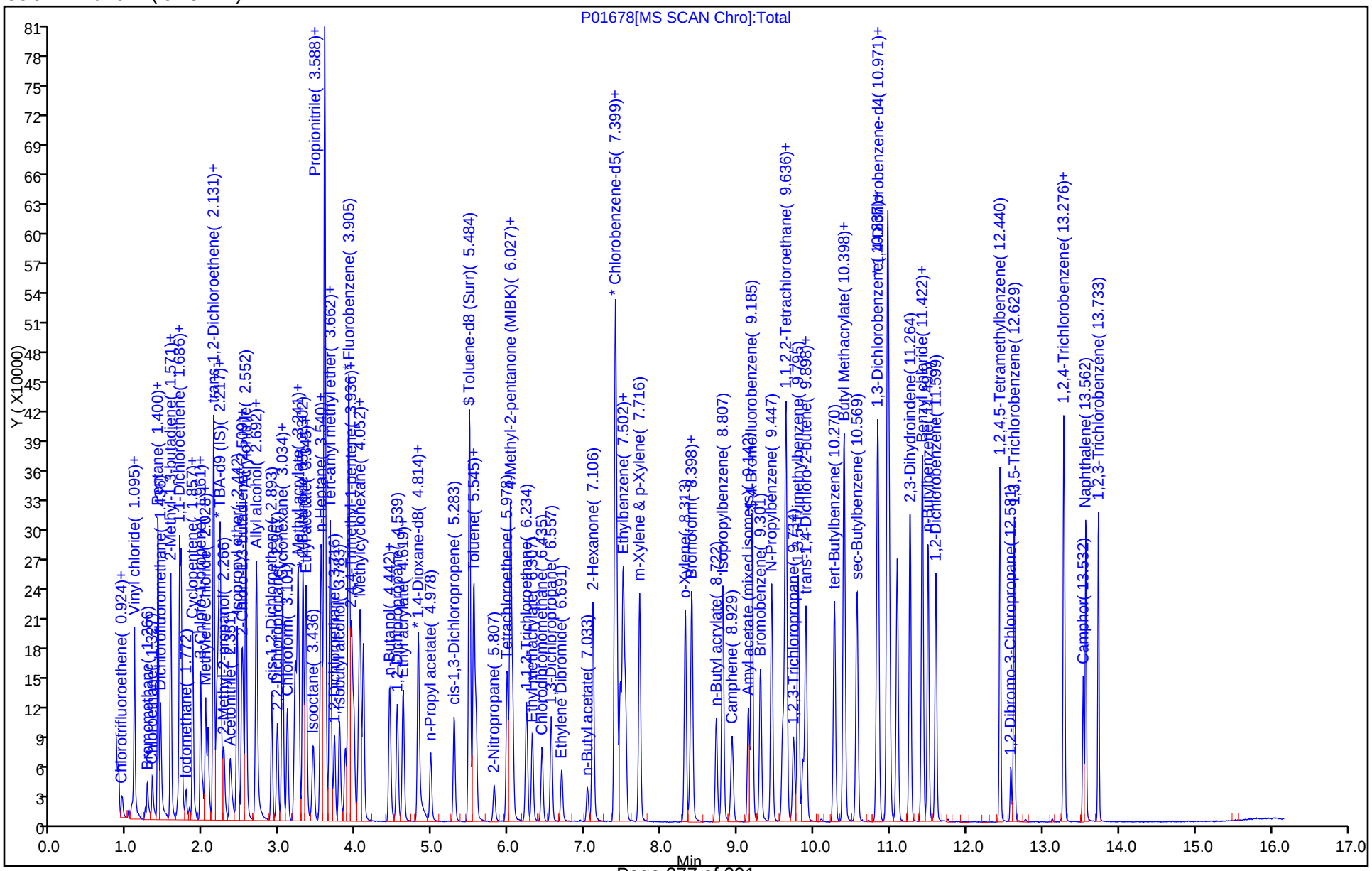
Lims ID: 460-98395-A-2 MS Worklist Smp#: 26

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 25

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 MSD | Lab Sample ID: 460-98395-2 MSD

Matrix: Water | Lab File ID: P01679.D

Analysis Method: 8260C | Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 17:36

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	211		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	181		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	192		10	3.4
79-00-5	1,1,2-Trichloroethane	191		10	0.80
75-34-3	1,1-Dichloroethane	212		10	2.4
75-35-4	1,1-Dichloroethene	220		10	3.4
87-61-6	1,2,3-Trichlorobenzene	264		10	3.5
120-82-1	1,2,4-Trichlorobenzene	223		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	231		10	2.3
95-50-1	1,2-Dichlorobenzene	209		10	2.2
107-06-2	1,2-Dichloroethane	220		10	2.5
78-87-5	1,2-Dichloropropane	202		10	1.8
541-73-1	1,3-Dichlorobenzene	198		10	3.3
106-46-7	1,4-Dichlorobenzene	199		10	3.3
123-91-1	1,4-Dioxane	3900		500	87
78-93-3	2-Butanone (MEK)	1030		50	22
591-78-6	2-Hexanone	968		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1030		50	6.3
67-64-1	Acetone	1000		50	11
71-43-2	Benzene	179		10	0.90
75-25-2	Bromoform	240		10	1.8
74-83-9	Bromomethane	196		10	1.8
75-15-0	Carbon disulfide	204		10	2.2
56-23-5	Carbon tetrachloride	217		10	3.3
108-90-7	Chlorobenzene	206		10	2.4
74-97-5	Chlorobromomethane	254		10	3.0
124-48-1	Chlorodibromomethane	206		10	2.2
75-00-3	Chloroethane	216		10	3.7
67-66-3	Chloroform	218		10	2.2
74-87-3	Chloromethane	281		10	2.2
156-59-2	cis-1,2-Dichloroethene	225		10	2.6
10061-01-5	cis-1,3-Dichloropropene	163		10	1.6
110-82-7	Cyclohexane	160		10	2.6
75-27-4	Dichlorobromomethane	217		10	1.5
75-71-8	Dichlorodifluoromethane	83.9		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-33 MSD | Lab Sample ID: 460-98395-2 MSD

Matrix: Water | Lab File ID: P01679.D

Analysis Method: 8260C | Date Collected: 07/20/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 17:36

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	197		10	3.0
106-93-4	Ethylene Dibromide	205		10	1.9
98-82-8	Isopropylbenzene	204		10	3.2
79-20-9	Methyl acetate	1350		50	5.8
1634-04-4	Methyl tert-butyl ether	221		10	1.3
108-87-2	Methylcyclohexane	188		10	2.2
75-09-2	Methylene Chloride	217		10	2.1
179601-23-1	m-Xylene & p-Xylene	189		10	2.8
95-47-6	o-Xylene	183		10	3.2
100-42-5	Styrene	188		10	1.7
127-18-4	Tetrachloroethene	262		10	1.2
108-88-3	Toluene	185		10	2.5
156-60-5	trans-1,2-Dichloroethene	208		10	1.8
10061-02-6	trans-1,3-Dichloropropene	177		10	1.9
79-01-6	Trichloroethene	242		10	2.2
75-69-4	Trichlorofluoromethane	182		10	1.5
75-01-4	Vinyl chloride	184		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	120		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01679.D
Lims ID: 460-98395-A-2 MSD
Client ID:
Sample Type: MSD
Inject. Date: 24-Jul-2015 17:36:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-98395-A-2MSD
Misc. Info.: 460-0030007-027
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jul-2015 10:45:23 Calib Date: 20-Jun-2015 03:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150619-28740.b\P00410.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: desais Date: 27-Jul-2015 10:47:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.931	-0.007	89	3383	20.0	12.5	
2 Dichlorodifluoromethane	85	0.936	0.937	-0.001	98	19409	20.0	8.39	
3 Vinyl chloride	62	1.089	1.089	0.000	97	47222	20.0	18.4	
5 Butadiene	54	1.095	1.095	0.000	93	32136	20.0	12.9	
4 Chloromethane	50	1.095	1.095	0.000	80	61864	20.0	28.1	
6 Bromomethane	94	1.266	1.266	0.000	99	25035	20.0	19.6	
7 Chloroethane	64	1.333	1.327	0.006	98	36819	20.0	21.6	
8 Pentane	72	1.400	1.400	0.000	97	10903	40.0	23.4	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	96	57496	20.0	18.2	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	99	100966	20.0	23.6	
11 2-Methyl-1,3-butadiene	67	1.570	1.571	-0.001	95	53863	20.0	17.9	
12 Ethyl ether	59	1.577	1.577	0.000	95	40340	20.0	21.3	
13 Ethanol	46	1.662	1.668	-0.006	100	15859	800.0	927.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	78	47011	20.0	19.0	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	98	39053	20.0	22.0	
16 Carbon disulfide	76	1.705	1.705	0.000	100	139157	20.0	20.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	89	33346	20.0	19.2	
18 Iodomethane	142	1.772	1.772	0.000	98	34986	20.0	18.9	
19 Cyclopentene	67	1.857	1.857	0.000	97	107368	20.0	18.0	
20 Acrolein	56	1.881	1.882	-0.001	93	3388	40.0	26.2	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	90	24169	20.0	19.3	
22 Isopropyl alcohol	45	1.991	1.991	0.000	98	43919	200.0	191.8	
23 Methylene Chloride	84	2.028	2.028	0.000	95	47439	20.0	21.7	
24 Acetone	43	2.058	2.058	0.000	85	77750	100.0	100.0	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	97	44414	20.0	20.8	
26 Methyl acetate	43	2.137	2.138	-0.001	100	313198	100.0	135.0	
27 Hexane	57	2.174	2.174	0.000	94	70903	20.0	18.2	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	97	141515	20.0	22.1	
* 29 TBA-d9 (IS)	65	2.217	2.223	-0.006	99	287245	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.265	2.272	-0.007	99	70958	200.0	212.7	
31 Acetonitrile	41	2.351	2.351	0.000	98	83243	200.0	193.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	96	154820	20.0	20.0	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	91	37321	20.0	20.7	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	99	86237	20.0	21.2	
35 Acrylonitrile	53	2.552	2.552	0.000	92	214480	200.0	235.4	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	143160	20.0	20.6	
38 Allyl alcohol	57	2.692	2.692	0.000	48	74224	500.0	375.5	
37 Vinyl acetate	43	2.698	2.698	0.000	100	131289	40.0	79.9	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	97	47605	20.0	22.5	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	57326	20.0	18.1	
41 Cyclohexane	56	3.034	3.034	0.000	95	56324	20.0	16.0	
42 Chlorobromomethane	128	3.040	3.040	0.000	92	25558	20.0	25.4	
43 Chloroform	83	3.101	3.101	0.000	98	78394	20.0	21.8	
44 Carbon tetrachloride	117	3.198	3.192	0.006	98	53652	20.0	21.7	
46 Methyl acrylate	55	3.204	3.204	0.000	95	47221	20.0	22.6	
47 Tetrahydrofuran	42	3.217	3.223	-0.007	92	39877	40.0	38.3	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	77854	50.0	49.5	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	65777	20.0	21.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	273964	250.0	250.0	
45 Ethyl acetate	43	3.338	3.339	-0.001	91	134009	40.0	56.5	
50 2-Butanone (MEK)	72	3.338	3.345	-0.007	100	32673	100.0	103.1	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	90	55109	20.0	19.9	
52 Isooctane	57	3.436	3.436	0.000	98	78717	20.0	18.2	
53 n-Heptane	57	3.534	3.534	0.000	94	17484	20.0	16.6	
54 Benzene	78	3.546	3.546	0.000	96	182332	20.0	17.9	
55 Propionitrile	54	3.576	3.576	0.000	98	82371	200.0	178.1	
56 Methacrylonitrile	67	3.588	3.589	-0.001	94	223888	200.0	259.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	95569	50.0	48.8	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	123175	20.0	20.5	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	63478	20.0	22.0	
60 Isobutyl alcohol	43	3.783	3.784	-0.001	98	64310	500.0	411.3	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	388353	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	97	166873	40.0	40.0	
62 Isopropyl acetate	43	3.972	3.973	-0.001	97	97872	20.0	23.1	
63 Methylcyclohexane	83	4.040	4.040	0.000	93	51634	20.0	18.8	
64 Trichloroethene	130	4.058	4.058	0.000	95	49004	20.0	24.2	
66 n-Butanol	56	4.436	4.436	0.000	92	38115	500.0	398.2	
67 Dibromomethane	93	4.442	4.442	0.000	93	29299	20.0	23.5	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	88	45637	20.0	20.2	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	58289	20.0	21.9	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	60799	20.0	21.7	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	69	30674	1000.0	1000.0	
71 Methyl methacrylate	100	4.814	4.820	-0.006	92	27320	40.0	51.5	
73 1,4-Dioxane	88	4.838	4.844	-0.006	92	14608	400.0	390.2	
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	70181	20.0	22.7	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	65437	20.0	16.3	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	302876	50.0	40.3	
78 Toluene	91	5.545	5.545	0.000	93	191607	20.0	18.5	
79 Epichlorohydrin	57	5.570	5.576	-0.006	100	95794	400.0	384.3	
80 2-Nitropropane	41	5.807	5.808	-0.001	99	24668	40.0	42.1	
81 Tetrachloroethene	166	5.984	5.978	0.006	96	54406	20.0	26.2	
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.027	-0.006	98	256031	100.0	103.3	
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	98	62152	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	35636	20.0	19.1	
85 Ethyl methacrylate	69	6.313	6.308	0.005	91	52782	20.0	19.9	
86 Chlorodibromomethane	129	6.441	6.436	0.005	98	46168	20.0	20.6	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	96	69440	20.0	18.9	
88 Ethylene Dibromide	107	6.698	6.698	0.000	98	42418	20.0	20.5	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	29817	20.0	8.51	
90 2-Hexanone	43	7.106	7.106	0.000	98	171837	100.0	96.8	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	330571	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	129662	20.0	20.6	
93 Ethylbenzene	106	7.502	7.502	0.000	98	67312	20.0	19.7	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	44208	20.0	20.7	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	80338	20.0	18.9	
96 o-Xylene	106	8.313	8.319	-0.006	94	75101	20.0	18.3	
97 Bromoform	173	8.380	8.380	0.000	97	34493	20.0	24.0	
98 Styrene	104	8.405	8.405	0.000	96	133747	20.0	18.8	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	29800	20.0	16.9	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	210058	20.0	20.4	
101 Camphene	41	8.929	8.935	-0.006	96	9503	20.0	12.9	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	80492	20.0	14.6	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	125228	50.0	59.8	
104 Bromobenzene	156	9.301	9.301	0.000	92	62089	20.0	20.1	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	240542	20.0	15.5	
106 1,1,2,2-Tetrachloroethane	83	9.587	9.593	-0.006	97	57736	20.0	18.1	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	173704	20.0	15.9	
108 4-Ethyltoluene	105	9.636	9.642	-0.006	98	220835	20.0	16.7	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	97	17700	20.0	18.5	
110 1,3,5-Trimethylbenzene	105	9.794	9.795	-0.001	94	178553	20.0	16.4	
111 trans-1,4-Dichloro-2-buten	53	9.855	9.856	-0.001	87	17787	20.0	16.9	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	160965	20.0	15.9	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	148017	20.0	17.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	97	54305	20.0	13.9	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	192060	20.0	16.7	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	99	222169	20.0	17.7	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	119299	20.0	19.8	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	194881	20.0	17.5	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	205556	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.996	-0.007	96	124184	20.0	19.9	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	93	202999	20.0	17.6	
122 Benzyl chloride	91	11.416	11.416	0.000	97	122687	20.0	13.9	
123 p-Diethylbenzene	119	11.428	11.428	0.000	95	117852	20.0	18.1	
124 n-Butylbenzene	91	11.495	11.496	-0.001	98	176935	20.0	17.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	119597	20.0	20.9	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	98	170708	20.0	16.1	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	14345	20.0	23.1	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	95711	20.0	23.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	87778	20.0	22.3	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	35856	20.0	34.4	
131 Camphor	95	13.532	13.532	0.000	92	30657	100.0	75.1	
132 Naphthalene	128	13.562	13.562	0.000	99	206422	20.0	19.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	84158	20.0	26.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	43.3	
S 135 Xylenes, Total	100				0		40.0	37.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	93.3	

Reagents:

GASES Li_00111	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00024	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00029	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Jul-2015 10:52:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150724-30007.b\P01679.D

Injection Date: 24-Jul-2015 17:36:30 Instrument ID: CVOAMS13 Operator ID:

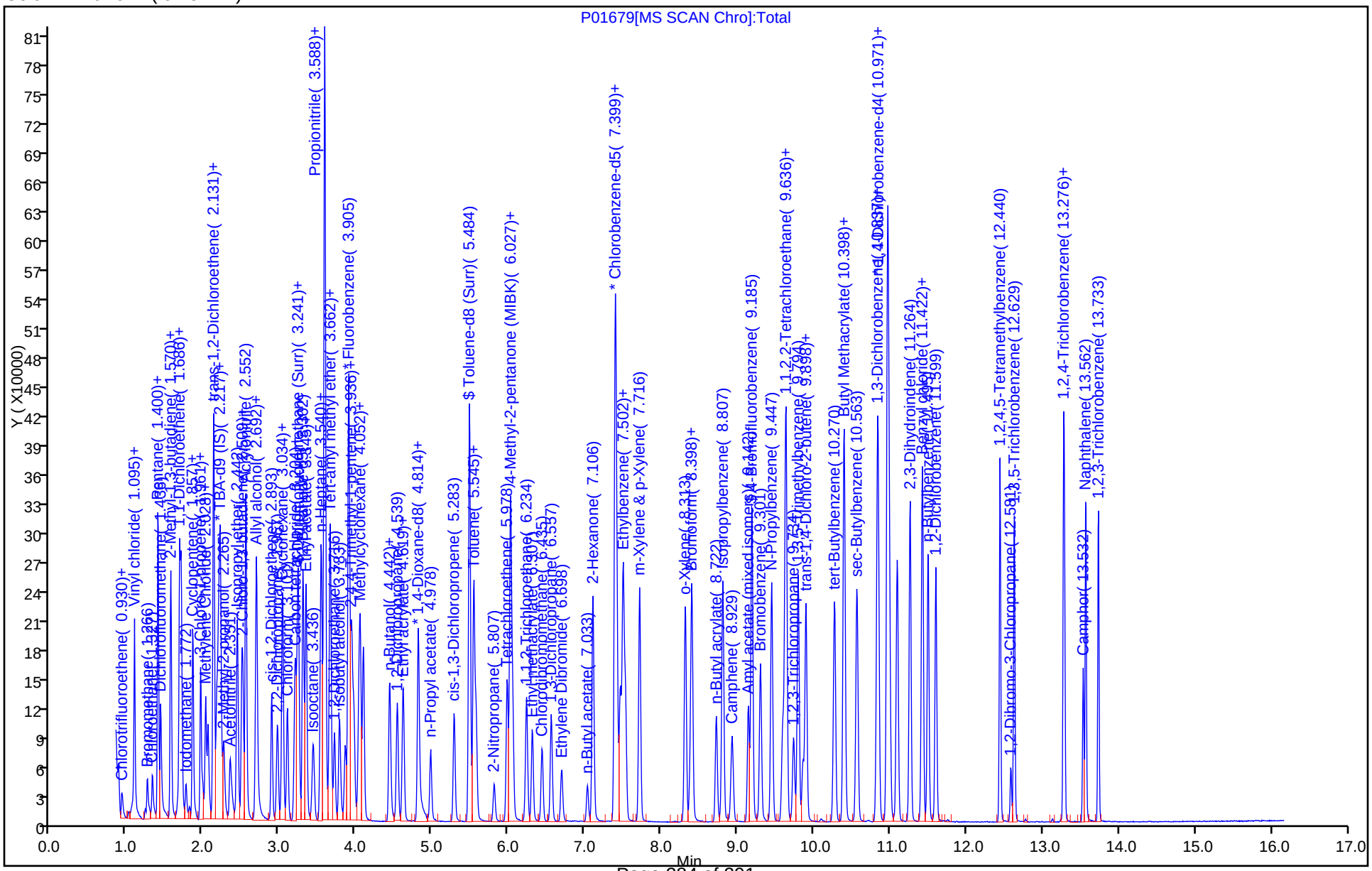
Lims ID: 460-98395-A-2 MSD Worklist Smp#: 27

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 26

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 06/19/2015 20:18

Analysis Batch Number: 305952 End Date: 06/20/2015 04:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-305952/1		06/19/2015 20:18	1	P00393.D	Rtx-624 0.25(mm)
STD5 460-305952/5 IC		06/19/2015 22:12	1	P00397.D	Rtx-624 0.25(mm)
STD20 460-305952/6 ICIS		06/19/2015 22:37	1	P00398.D	Rtx-624 0.25(mm)
STD50 460-305952/7 IC		06/19/2015 23:02	1	P00399.D	Rtx-624 0.25(mm)
STD200 460-305952/8 IC		06/19/2015 23:27	1	P00400.D	Rtx-624 0.25(mm)
STD500 460-305952/9 IC		06/19/2015 23:52	1	P00401.D	Rtx-624 0.25(mm)
STD8 460-305952/12 IC		06/20/2015 01:07	1	P00404.D	Rtx-624 0.25(mm)
STD05 460-305952/17 IC		06/20/2015 03:12	1	P00409.D	Rtx-624 0.25(mm)
STD1 460-305952/18 IC		06/20/2015 03:37	1	P00410.D	Rtx-624 0.25(mm)
ICV 460-305952/21		06/20/2015 04:52	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/24/2015 06:17

Analysis Batch Number: 312464 End Date: 07/24/2015 17:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-312464/1		07/24/2015 06:17	1	P01653.D	Rtx-624 0.25(mm)
CCVIS 460-312464/2		07/24/2015 06:41	1	P01654.D	Rtx-624 0.25(mm)
LCS 460-312464/4		07/24/2015 07:56	1	P01656.D	Rtx-624 0.25(mm)
MB 460-312464/7		07/24/2015 09:12	1	P01659.D	Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 09:37	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 10:03	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 10:28	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 10:53	1		Rtx-624 0.25(mm)
460-98395-3	FB-1	07/24/2015 11:18	1	P01664.D	Rtx-624 0.25(mm)
460-98395-8	FB-2	07/24/2015 11:44	1	P01665.D	Rtx-624 0.25(mm)
460-98395-9	TB-1	07/24/2015 12:09	1	P01666.D	Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 12:34	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 12:59	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 13:25	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 13:50	1		Rtx-624 0.25(mm)
ZZZZZ		07/24/2015 14:15	1		Rtx-624 0.25(mm)
460-98395-1	MW-16	07/24/2015 14:40	1	P01672.D	Rtx-624 0.25(mm)
460-98395-2	MW-33	07/24/2015 15:06	1	P01673.D	Rtx-624 0.25(mm)
460-98395-5	MW-9	07/24/2015 15:31	1	P01674.D	Rtx-624 0.25(mm)
460-98395-6	MW-45	07/24/2015 15:56	1	P01675.D	Rtx-624 0.25(mm)
460-98395-7	MW-27	07/24/2015 16:21	1	P01676.D	Rtx-624 0.25(mm)
460-98395-2 MS	MW-33 MS	07/24/2015 17:11	10	P01678.D	Rtx-624 0.25(mm)
460-98395-2 MSD	MW-33 MSD	07/24/2015 17:36	10	P01679.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/28/2015 06:29

Analysis Batch Number: 313105 End Date: 07/28/2015 17:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313105/1		07/28/2015 06:29	1	P01737.D	Rtx-624 0.25(mm)
CCVIS 460-313105/3		07/28/2015 07:34	1	P01739.D	Rtx-624 0.25(mm)
LCS 460-313105/4		07/28/2015 08:20	1	P01740.D	Rtx-624 0.25(mm)
LCSD 460-313105/5		07/28/2015 08:46	1	P01741.D	Rtx-624 0.25(mm)
MB 460-313105/8		07/28/2015 10:01	1	P01744.D	Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 10:27	20		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 10:52	1		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 11:17	1		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 11:42	1		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 12:33	1		Rtx-624 0.25(mm)
460-98395-4	MW-10	07/28/2015 15:04	20	P01756.D	Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 16:20	1		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 16:45	1		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 17:11	1		Rtx-624 0.25(mm)
ZZZZZ		07/28/2015 17:36	1		Rtx-624 0.25(mm)

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

460-98395 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUS

Page ___ of ___

Name (for report and invoice) Jeff Bottari	Samplers Name (Printed) V. CARDOZA, C. BAKEWICZ	Site/Project Identification 1ST Ave and 90TH ST.
Company ~~S dd Dock XD~~ Environtech LTD	P. O. #	State (Location of site): NJ: ☐ NY: ☐ Other:
		Regulatory Program:
Address 5 dd Dock XD	Analysis Turnaround Time: Standard ☒	
City Yaphank State N.Y.	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 631-924-3001 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260c-TCL VOCs + 10										LAB USE ONLY Project No: / Job No: 98395 / Sample Numbers
MW-16	7-20-15	12:00	GW	3	3										1
MW-33	7-20-15	14:25	GW	3	3										2
FB-1	7-20-15	15:30	GW	3	3										3
MW-10	7-21-15	9:52	GW	3	3										4
MW-9	7-21-15	11:07	GW	3	3										5
MW-45	7-21-15	12:25	GW	3	3										6
MW-27	7-21-15	13:42	GW	3	3										7
FB-2	7-21-15	14:07	GW	3	3										8
TB-1	7-21-15		GW	2	2										9
					Soil: HCl (HW)										
					Water: HCl (HW)										

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Environtech LTD.	07/21/15 17:00	1)	TA
Relinquished by 2)	Company T. A	Date / Time 7/22/15 15:00	Received by 2)	Company TA 6d 7/22/15 15:10
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578) 1.5 / 3.1 IRB 5 No. 1

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 98395

Number of Coolers: 1 IR Gun # 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.8 °C	2.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 7/22/18

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 460-98395-1

Login Number: 98395 **List Source: TestAmerica Edison**
List Number: 1
Creator: Elvie, Cloide

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5°C IR#5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-98572-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017

Attention: David Harrington

Approved for release.
Sarah E Brown
Project Management Assistant II
7/31/2015 12:06 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
07/31/2015

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

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

Job Number: 460-98572-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

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

Approved for release.
Sarah E Brown
Project Management Assistant II
7/31/2015 12:06 PM

Designee for
Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC 1st Ave and 90th St; Site: 231008

Report Number: 460-98572-1

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

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

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

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

RECEIPT
The samples were received on 7/24/2015 5:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

Receipt Exceptions

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain-of-Custody (COC).

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

VOLATILE ORGANICS
Samples MW-38 (460-98572-1), MW-40 (460-98572-2), MW-17 (460-98572-3), MW-46 (460-98572-4), FB-3 (460-98572-5), MW-32 (460-98572-6), MW-31 (460-98572-7), MW-37 (460-98572-8), FB-4 (460-98572-9) and Trip Blank (460-98572-10) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 07/30/2015 and 07/31/2015.

Acetone failed the recovery criteria high for the MS of sample 460-98380-1 in batch 460-313622.

cis-1,2-Dichloroethene and Trichloroethene failed the recovery criteria high for the MSD of sample 460-98380-1 in batch 460-313622. 1,4-Dioxane and Acetone exceeded the RPD limit.

1,4-Dioxane exceeded the RPD limit for the MSD of sample 460-98605-7 in batch 460-313792.

The continuing calibration verification (CCV) analyzed in batch 460-313622 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-313792 was outside the method criteria for the following analytes: Dichlorodifluoromethane, Chloromethane, Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

Sample MW-46 (460-98572-4)[5X] required dilution prior to analysis to bring the concentration of target analytes within the calibration range. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-98572-1	MW-38	Water	07/22/2015 0938	07/24/2015 1740
460-98572-2	MW-40	Water	07/22/2015 1104	07/24/2015 1740
460-98572-3	MW-17	Water	07/22/2015 1223	07/24/2015 1740
460-98572-4	MW-46	Water	07/22/2015 1342	07/24/2015 1740
460-98572-5FB	FB-3	Water	07/22/2015 1415	07/24/2015 1740
460-98572-6	MW-32	Water	07/23/2015 0935	07/24/2015 1740
460-98572-7	MW-31	Water	07/23/2015 1342	07/24/2015 1740
460-98572-8	MW-37	Water	07/23/2015 1450	07/24/2015 1740
460-98572-9FB	FB-4	Water	07/23/2015 1505	07/24/2015 1740
460-98572-10TB	Trip Blank	Water	07/23/2015 0000	07/24/2015 1740

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-98572-1	**MW-38**					
Chloroform		0.26	J	1.0	ug/L	8260C
Tetrachloroethene		2.7		1.0	ug/L	8260C
460-98572-2	**MW-40**					
Chloroform		0.89	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260C
Tetrachloroethene		1.7		1.0	ug/L	8260C
Trichloroethene		0.43	J	1.0	ug/L	8260C
460-98572-3	**MW-17**					
Vinyl chloride		0.41	J	1.0	ug/L	8260C
460-98572-4	**MW-46**					
1,4-Dichlorobenzene		3.8	J	5.0	ug/L	8260C
cis-1,2-Dichloroethene		520		5.0	ug/L	8260C
Tetrachloroethene		2300		5.0	ug/L	8260C
trans-1,2-Dichloroethene		6.3		5.0	ug/L	8260C
Trichloroethene		360		5.0	ug/L	8260C
Vinyl chloride		0.52	J	5.0	ug/L	8260C
460-98572-5FB	**FB-3**					
Methylene Chloride		3.9		1.0	ug/L	8260C
m-Xylene & p-Xylene		0.56	J	1.0	ug/L	8260C
460-98572-6	**MW-32**					
cis-1,2-Dichloroethene		0.70	J	1.0	ug/L	8260C
460-98572-7	**MW-31**					
cis-1,2-Dichloroethene		7.1		1.0	ug/L	8260C
Tetrachloroethene		0.89	J	1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260C
Trichloroethene		2.1		1.0	ug/L	8260C
Vinyl chloride		1.2		1.0	ug/L	8260C
460-98572-8	**MW-37**					
Chloroform		0.30	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 460-98572-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C. Job Number: 460-98572-1

Method	Analyst	Analyst ID
SW846 8260C	Moroney, Christopher J	CJM
SW846 8260C	Starzec, Margaret	MZS

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-38

Lab Sample ID: 460-98572-1 Date Sampled: 07/22/2015 0938
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29481.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1801			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1801				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.26	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	2.7		0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-38

Lab Sample ID: 460-98572-1 Date Sampled: 07/22/2015 0938
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29481.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1801			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1801				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
4-Bromofluorobenzene	89		64 - 135
Dibromofluoromethane (Surr)	101		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-38

Lab Sample ID: 460-98572-1 Date Sampled: 07/22/2015 0938
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29481.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1801			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1801				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-40

Lab Sample ID: 460-98572-2 Date Sampled: 07/22/2015 1104
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29482.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1827			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.89	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.7		0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-40

Lab Sample ID: 460-98572-2 Date Sampled: 07/22/2015 1104
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29482.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1827			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	0.43	J	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	99		72 - 137
Toluene-d8 (Surr)	95		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **MW-40**

Lab Sample ID: 460-98572-2 Date Sampled: 07/22/2015 1104
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29482.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1827			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1827				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **MW-17**

Lab Sample ID: 460-98572-3 Date Sampled: 07/22/2015 1223
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29483.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1853			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-17

Lab Sample ID: 460-98572-3 Date Sampled: 07/22/2015 1223
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29483.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1853			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	0.41	J	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene	90		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	98		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-17

Lab Sample ID: 460-98572-3 Date Sampled: 07/22/2015 1223
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29483.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1853			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1853				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-46

Lab Sample ID: 460-98572-4 Date Sampled: 07/22/2015 1342
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29503.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0354			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	5.0	U	1.4	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.95	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	1.7	5.0
1,1,2-Trichloroethane	5.0	U	0.40	5.0
1,1-Dichloroethane	5.0	U	1.2	5.0
1,1-Dichloroethene	5.0	U	1.7	5.0
1,2,3-Trichlorobenzene	5.0	U	1.8	5.0
1,2,4-Trichlorobenzene	5.0	U	1.4	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	1.2	5.0
1,2-Dichlorobenzene	5.0	U	1.1	5.0
1,2-Dichloroethane	5.0	U	1.3	5.0
1,2-Dichloropropane	5.0	U	0.90	5.0
1,3-Dichlorobenzene	5.0	U	1.7	5.0
1,4-Dichlorobenzene	3.8	J	1.7	5.0
1,4-Dioxane	250	U	44	250
2-Butanone (MEK)	25	U	11	25
2-Hexanone	25	U	3.6	25
4-Methyl-2-pentanone (MIBK)	25	U	3.2	25
Acetone	25	U	5.4	25
Benzene	5.0	U	0.45	5.0
Bromoform	5.0	U	0.90	5.0
Bromomethane	5.0	U	0.90	5.0
Carbon disulfide	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	1.7	5.0
Chlorobenzene	5.0	U	1.2	5.0
Chlorobromomethane	5.0	U	1.5	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
Chloroethane	5.0	U	1.9	5.0
Chloroform	5.0	U	1.1	5.0
Chloromethane	5.0	U	1.1	5.0
cis-1,2-Dichloroethene	520		1.3	5.0
cis-1,3-Dichloropropene	5.0	U	0.80	5.0
Cyclohexane	5.0	U	1.3	5.0
Dichlorobromomethane	5.0	U	0.75	5.0
Dichlorodifluoromethane	5.0	U	0.70	5.0
Ethylbenzene	5.0	U	1.5	5.0
Ethylene Dibromide	5.0	U	0.95	5.0
Isopropylbenzene	5.0	U	1.6	5.0
Methyl acetate	25	U	2.9	25
Methyl tert-butyl ether	5.0	U	0.65	5.0
Methylcyclohexane	5.0	U	1.1	5.0
Methylene Chloride	5.0	U	1.1	5.0
m-Xylene & p-Xylene	5.0	U	1.4	5.0
o-Xylene	5.0	U	1.6	5.0
Styrene	5.0	U	0.85	5.0
Tetrachloroethene	2300		0.60	5.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **MW-46**

Lab Sample ID: 460-98572-4 Date Sampled: 07/22/2015 1342
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29503.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0354			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	5.0	U	1.3	5.0
trans-1,2-Dichloroethene	6.3		0.90	5.0
trans-1,3-Dichloropropene	5.0	U	0.95	5.0
Trichloroethene	360		1.1	5.0
Trichlorofluoromethane	5.0	U	0.75	5.0
Vinyl chloride	0.52	J	0.30	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
4-Bromofluorobenzene	86		64 - 135
Dibromofluoromethane (Surr)	101		72 - 137
Toluene-d8 (Surr)	97		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-46

Lab Sample ID: 460-98572-4 Date Sampled: 07/22/2015 1342
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29503.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0354			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0354				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: FB-3

Lab Sample ID: 460-98572-5FB Date Sampled: 07/22/2015 1415
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29494.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0000			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0000				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	3.9		0.21	1.0
m-Xylene & p-Xylene	0.56	J	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: FB-3

Lab Sample ID: 460-98572-5FB Date Sampled: 07/22/2015 1415
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29494.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0000			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0000				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
4-Bromofluorobenzene	88		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: FB-3

Lab Sample ID: 460-98572-5FB Date Sampled: 07/22/2015 1415
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29494.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0000			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0000				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-32

Lab Sample ID: 460-98572-6 Date Sampled: 07/23/2015 0935
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29484.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1919			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1919				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	0.70	J	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-32

Lab Sample ID: 460-98572-6 Date Sampled: 07/23/2015 0935
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29484.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1919			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1919				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
4-Bromofluorobenzene	88		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-32

Lab Sample ID: 460-98572-6 Date Sampled: 07/23/2015 0935
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29484.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1919			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1919				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-31

Lab Sample ID: 460-98572-7 Date Sampled: 07/23/2015 1342
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29485.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1945			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	7.1		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.89	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-31

Lab Sample ID: 460-98572-7 Date Sampled: 07/23/2015 1342
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29485.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1945			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	0.54	J	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	2.1		0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.2		0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
4-Bromofluorobenzene	88		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137
Toluene-d8 (Surr)	95		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **MW-31**

Lab Sample ID: 460-98572-7 Date Sampled: 07/23/2015 1342
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29485.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1945			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1945				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **MW-37**

Lab Sample ID: 460-98572-8 Date Sampled: 07/23/2015 1450
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29486.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2011			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2011				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.30	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-37

Lab Sample ID: 460-98572-8 Date Sampled: 07/23/2015 1450
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29486.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2011			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2011				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	95		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: MW-37

Lab Sample ID: 460-98572-8 Date Sampled: 07/23/2015 1450
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29486.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2011			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2011				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: FB-4

Lab Sample ID: 460-98572-9FB Date Sampled: 07/23/2015 1505
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29479.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1709			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1709				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: FB-4

Lab Sample ID: 460-98572-9FB Date Sampled: 07/23/2015 1505
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29479.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1709			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1709				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	89		64 - 135
Dibromofluoromethane (Surr)	96		72 - 137
Toluene-d8 (Surr)	97		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: FB-4

Lab Sample ID: 460-98572-9FB Date Sampled: 07/23/2015 1505
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29479.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1709			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1709				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-98572-10TB Date Sampled: 07/23/2015 0000
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29480.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1735			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1735				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-98572-10TB Date Sampled: 07/23/2015 0000
Client Matrix: Water Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29480.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1735			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1735				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	91		64 - 135
Dibromofluoromethane (Surr)	99		72 - 137
Toluene-d8 (Surr)	97		70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-98572-10TB
Client Matrix: Water

Date Sampled: 07/23/2015 0000
Date Received: 07/24/2015 1740

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29480.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1735			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1735				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-98572-1	MW-38	101	112	96	89
460-98572-2	MW-40	99	112	95	87
460-98572-3	MW-17	98	111	98	90
460-98572-4	MW-46	101	115	97	86
460-98572-5	FB-3	98	114	96	88
460-98572-6	MW-32	100	113	96	88
460-98572-7	MW-31	102	112	95	88
460-98572-8	MW-37	100	110	95	87
460-98572-9	FB-4	96	110	97	89
460-98572-10	Trip Blank	99	110	97	91
MB 460-313622/7		102	111	96	86
MB 460-313792/7		98	111	96	89
LCS 460-313622/3		100	110	96	90
LCS 460-313792/3		100	112	96	90
460-98380-B-1 MS		102	112	96	90
460-98605-A-7 MS		100	113	97	90
460-98380-B-1 MSD		101	111	98	91
460-98605-A-7 MSD		97	112	97	89

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Method Blank - Batch: 460-313622

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313622/7	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29465.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1051	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1051				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Method Blank - Batch: 460-313622

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313622/7	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29465.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1051	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1051				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	70 - 130
4-Bromofluorobenzene	86	64 - 135
Dibromofluoromethane (Surr)	102	72 - 137
Toluene-d8 (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-313622

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Control Sample - Batch: 460-313622

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-313622/3	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29461.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 0907	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 0907				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	20.8	104	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1	100	60 - 144	
1,1,2-Trichloroethane	20.0	18.6	93	68 - 121	
1,1-Dichloroethane	20.0	21.9	109	75 - 126	
1,1-Dichloroethene	20.0	20.3	102	71 - 123	
1,2,3-Trichlorobenzene	20.0	19.9	100	72 - 135	
1,2,4-Trichlorobenzene	20.0	19.1	95	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	53 - 136	
1,2-Dichlorobenzene	20.0	20.1	100	81 - 120	
1,2-Dichloroethane	20.0	22.6	113	75 - 127	
1,2-Dichloropropane	20.0	20.0	100	70 - 120	
1,3-Dichlorobenzene	20.0	19.7	99	75 - 120	
1,4-Dichlorobenzene	20.0	19.6	98	75 - 120	
1,4-Dioxane	400	475	119	46 - 150	
2-Butanone (MEK)	100	88.6	89	52 - 140	
2-Hexanone	100	86.6	87	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	101	101	56 - 132	
Acetone	100	74.6	75	26 - 150	
Benzene	20.0	21.0	105	69 - 125	
Bromoform	20.0	14.7	74	50 - 134	
Bromomethane	20.0	15.8	79	27 - 150	
Carbon disulfide	20.0	21.4	107	61 - 126	
Carbon tetrachloride	20.0	20.0	100	58 - 150	
Chlorobenzene	20.0	19.9	99	77 - 120	
Chlorobromomethane	20.0	19.6	98	70 - 134	
Chlorodibromomethane	20.0	17.5	88	63 - 131	
Chloroethane	20.0	22.2	111	58 - 145	
Chloroform	20.0	20.9	105	81 - 122	
Chloromethane	20.0	18.8	94	43 - 145	
cis-1,2-Dichloroethene	20.0	19.7	98	78 - 121	
cis-1,3-Dichloropropene	20.0	20.0	100	71 - 120	
Cyclohexane	20.0	22.2	111	50 - 150	
Dichlorobromomethane	20.0	18.7	94	72 - 123	
Dichlorodifluoromethane	20.0	19.1	95	40 - 150	
Ethylbenzene	20.0	20.6	103	74 - 120	
Ethylene Dibromide	20.0	19.3	97	77 - 117	
Isopropylbenzene	20.0	21.1	105	74 - 127	
Methyl acetate	100	106	106	62 - 140	
Methyl tert-butyl ether	20.0	21.2	106	73 - 125	
Methylcyclohexane	20.0	20.2	101	50 - 150	
Methylene Chloride	20.0	18.5	93	76 - 123	
m-Xylene & p-Xylene	20.0	19.8	99	78 - 119	
o-Xylene	20.0	20.3	101	79 - 120	
Styrene	20.0	19.9	99	76 - 120	
Tetrachloroethene	20.0	19.1	96	70 - 136	

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Control Sample - Batch: 460-313622

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-313622/3	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29461.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 0907	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 0907				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	20.4	102	78 - 120	
trans-1,2-Dichloroethene	20.0	19.1	95	79 - 120	
trans-1,3-Dichloropropene	20.0	20.1	100	71 - 123	
Trichloroethene	20.0	20.3	101	74 - 120	
Trichlorofluoromethane	20.0	23.2	116	65 - 142	
Vinyl chloride	20.0	20.5	103	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 130
4-Bromofluorobenzene	90	64 - 135
Dibromofluoromethane (Surr)	100	72 - 137
Toluene-d8 (Surr)	96	70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313622

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98380-B-1 MS	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29475.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1524			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1524				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98380-B-1 MSD	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29476.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1551			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1551				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	105	106	73 - 134	1	30		
1,1,2,2-Tetrachloroethane	101	109	55 - 133	7	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	102	102	60 - 144	1	30		
1,1,2-Trichloroethane	94	97	68 - 121	3	30		
1,1-Dichloroethane	111	110	75 - 126	1	30		
1,1-Dichloroethene	104	102	71 - 123	3	30		
1,2,3-Trichlorobenzene	84	101	72 - 135	18	30		
1,2,4-Trichlorobenzene	84	101	76 - 129	18	30		
1,2-Dibromo-3-Chloropropane	91	103	53 - 136	12	30		
1,2-Dichlorobenzene	95	104	81 - 120	10	30		
1,2-Dichloroethane	114	112	75 - 127	1	30		
1,2-Dichloropropane	104	103	70 - 120	2	30		
1,3-Dichlorobenzene	94	101	75 - 120	7	30		
1,4-Dichlorobenzene	94	100	75 - 120	7	30		
1,4-Dioxane	75	113	46 - 150	40	30		*
2-Butanone (MEK)	93	92	52 - 140	1	30		
2-Hexanone	86	88	49 - 131	2	30		
4-Methyl-2-pentanone (MIBK)	101	101	56 - 132	1	30		
Acetone	405	91	26 - 150	57	30	*	*
Benzene	106	107	69 - 125	1	30		
Bromoform	74	75	50 - 134	2	30		
Bromomethane	72	82	27 - 150	12	30		
Carbon disulfide	107	105	61 - 126	2	30		
Carbon tetrachloride	98	101	58 - 150	3	30		
Chlorobenzene	98	100	77 - 120	2	30		
Chlorobromomethane	96	101	70 - 134	5	30		
Chlorodibromomethane	86	86	63 - 131	0	30		
Chloroethane	111	112	58 - 145	1	30		
Chloroform	107	106	81 - 122	1	30		
Chloromethane	93	96	43 - 145	4	30		
cis-1,2-Dichloroethene	106	123	78 - 121	2	30		*
cis-1,3-Dichloropropene	97	100	71 - 120	3	30		
Cyclohexane	109	107	50 - 150	2	30		

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313622

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98380-B-1 MS	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29475.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1524			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1524				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98380-B-1 MSD	Analysis Batch:	460-313622	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29476.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 1551			Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 1551				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	95	92	72 - 123	2	30		
Dichlorodifluoromethane	96	95	40 - 150	1	30		
Ethylbenzene	99	102	74 - 120	3	30		
Ethylene Dibromide	96	101	77 - 117	5	30		
Isopropylbenzene	104	108	74 - 127	5	30		
Methyl acetate	105	105	62 - 140	0	30		
Methyl tert-butyl ether	107	104	73 - 125	3	30		
Methylcyclohexane	95	105	50 - 150	9	30		
Methylene Chloride	97	96	76 - 123	1	30		
m-Xylene & p-Xylene	96	103	78 - 119	7	30		
o-Xylene	100	104	79 - 120	4	30		
Styrene	97	100	76 - 120	3	30		
Tetrachloroethene	90	97	70 - 136	8	30		
Toluene	101	104	78 - 120	4	30		
trans-1,2-Dichloroethene	93	93	79 - 120	0	30		
trans-1,3-Dichloropropene	99	98	71 - 123	1	30		
Trichloroethene	111	122	74 - 120	2	30		*
Trichlorofluoromethane	118	119	65 - 142	1	30		
Vinyl chloride	105	110	56 - 137	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	111	70 - 130
4-Bromofluorobenzene	90	91	64 - 135
Dibromofluoromethane (Surr)	102	101	72 - 137
Toluene-d8 (Surr)	96	98	70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313622

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98380-B-1 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	50		
Analysis Date:	07/30/2015 1524		
Prep Date:	07/30/2015 1524		
Leach Date:	N/A		

MSD Lab Sample ID:	460-98380-B-1 MSD
Client Matrix:	Water
Dilution:	50
Analysis Date:	07/30/2015 1551
Prep Date:	07/30/2015 1551
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	50	U	1000	1000	1050		1060	
1,1,2,2-Tetrachloroethane	50	U	1000	1000	1010		1090	
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	1000	1000	1020		1020	
1,1,2-Trichloroethane	50	U	1000	1000	944		973	
1,1-Dichloroethane	50	U	1000	1000	1110		1100	
1,1-Dichloroethene	50	U	1000	1000	1040		1020	
1,2,3-Trichlorobenzene	50	U	1000	1000	843		1010	
1,2,4-Trichlorobenzene	50	U	1000	1000	844		1010	
1,2-Dibromo-3-Chloropropane	50	U	1000	1000	908		1030	
1,2-Dichlorobenzene	50	U	1000	1000	948		1040	
1,2-Dichloroethane	50	U	1000	1000	1140		1120	
1,2-Dichloropropane	50	U	1000	1000	1040		1030	
1,3-Dichlorobenzene	50	U	1000	1000	941		1010	
1,4-Dichlorobenzene	50	U	1000	1000	938		1000	
1,4-Dioxane	2500	U	20000	20000	15100		22700	*
2-Butanone (MEK)	250	U	5000	5000	4640		4580	
2-Hexanone	250	U	5000	5000	4290		4400	
4-Methyl-2-pentanone (MIBK)	250	U	5000	5000	5040		5070	
Acetone	15000		5000	5000	35300	*	19600	*
Benzene	27	J	1000	1000	1080		1100	
Bromoform	50	U	1000	1000	737		755	
Bromomethane	50	U	1000	1000	725		816	
Carbon disulfide	50	U	1000	1000	1070		1050	
Carbon tetrachloride	50	U	1000	1000	979		1010	
Chlorobenzene	50	U	1000	1000	981		1000	
Chlorobromomethane	50	U	1000	1000	960		1010	
Chlorodibromomethane	50	U	1000	1000	858		855	
Chloroethane	50	U	1000	1000	1110		1120	
Chloroform	50	U	1000	1000	1070		1060	
Chloromethane	50	U	1000	1000	925		960	
cis-1,2-Dichloroethene	5600		1000	1000	6700		6870	*
cis-1,3-Dichloropropene	50	U	1000	1000	970		1000	
Cyclohexane	50	U	1000	1000	1090		1070	
Dichlorobromomethane	50	U	1000	1000	946		923	
Dichlorodifluoromethane	50	U	1000	1000	961		954	
Ethylbenzene	50	U	1000	1000	987		1020	
Ethylene Dibromide	50	U	1000	1000	963		1010	
Isopropylbenzene	50	U	1000	1000	1040		1080	
Methyl acetate	250	U	5000	5000	5270		5260	
Methyl tert-butyl ether	50	U	1000	1000	1070		1040	
Methylcyclohexane	50	U	1000	1000	954		1050	
Methylene Chloride	50	U	1000	1000	971		960	
m-Xylene & p-Xylene	50	U	1000	1000	962		1030	

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313622

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98380-B-1 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	50		
Analysis Date:	07/30/2015 1524		
Prep Date:	07/30/2015 1524		
Leach Date:	N/A		

MSD Lab Sample ID:	460-98380-B-1 MSD
Client Matrix:	Water
Dilution:	50
Analysis Date:	07/30/2015 1551
Prep Date:	07/30/2015 1551
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
o-Xylene	50	U	1000	1000	999	1040	
Styrene	50	U	1000	1000	973	1000	
Tetrachloroethene	50	U	1000	1000	897	970	
Toluene	50	U	1000	1000	1010	1040	
trans-1,2-Dichloroethene	84		1000	1000	1020	1020	
trans-1,3-Dichloropropene	50	U	1000	1000	994	984	
Trichloroethene	5000		1000	1000	6140	6250	*
Trichlorofluoromethane	50	U	1000	1000	1180	1190	
Vinyl chloride	1100		1000	1000	2140	2190	

Client: New York State D.E.C. Job Number: 460-98572-1

Method Blank - Batch: 460-313792

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313792/7	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29493.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2334	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2334				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98572-1

Method Blank - Batch: 460-313792

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313792/7	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29493.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2334	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2334				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	70 - 130
4-Bromofluorobenzene	89	64 - 135
Dibromofluoromethane (Surr)	98	72 - 137
Toluene-d8 (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-313792

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Control Sample - Batch: 460-313792

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-313792/3	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29489.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2151	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2151				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.5	97	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	20.9	105	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.6	88	60 - 144	
1,1,2-Trichloroethane	20.0	17.9	90	68 - 121	
1,1-Dichloroethane	20.0	20.6	103	75 - 126	
1,1-Dichloroethene	20.0	17.9	89	71 - 123	
1,2,3-Trichlorobenzene	20.0	19.9	100	72 - 135	
1,2,4-Trichlorobenzene	20.0	19.1	96	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	20.2	101	53 - 136	
1,2-Dichlorobenzene	20.0	19.7	98	81 - 120	
1,2-Dichloroethane	20.0	23.0	115	75 - 127	
1,2-Dichloropropane	20.0	20.3	102	70 - 120	
1,3-Dichlorobenzene	20.0	19.6	98	75 - 120	
1,4-Dichlorobenzene	20.0	19.9	100	75 - 120	
1,4-Dioxane	400	401	100	46 - 150	
2-Butanone (MEK)	100	80.6	81	52 - 140	
2-Hexanone	100	89.0	89	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	104	104	56 - 132	
Acetone	100	67.2	67	26 - 150	
Benzene	20.0	20.3	101	69 - 125	
Bromoform	20.0	15.0	75	50 - 134	
Bromomethane	20.0	16.2	81	27 - 150	
Carbon disulfide	20.0	19.3	97	61 - 126	
Carbon tetrachloride	20.0	17.4	87	58 - 150	
Chlorobenzene	20.0	19.2	96	77 - 120	
Chlorobromomethane	20.0	17.7	88	70 - 134	
Chlorodibromomethane	20.0	16.5	82	63 - 131	
Chloroethane	20.0	18.9	95	58 - 145	
Chloroform	20.0	20.3	101	81 - 122	
Chloromethane	20.0	15.3	76	43 - 145	
cis-1,2-Dichloroethene	20.0	18.5	93	78 - 121	
cis-1,3-Dichloropropene	20.0	19.9	100	71 - 120	
Cyclohexane	20.0	19.3	96	50 - 150	
Dichlorobromomethane	20.0	18.8	94	72 - 123	
Dichlorodifluoromethane	20.0	13.6	68	40 - 150	
Ethylbenzene	20.0	19.0	95	74 - 120	
Ethylene Dibromide	20.0	18.9	94	77 - 117	
Isopropylbenzene	20.0	19.5	98	74 - 127	
Methyl acetate	100	101	101	62 - 140	
Methyl tert-butyl ether	20.0	20.9	104	73 - 125	
Methylcyclohexane	20.0	18.2	91	50 - 150	
Methylene Chloride	20.0	18.9	94	76 - 123	
m-Xylene & p-Xylene	20.0	19.0	95	78 - 119	
o-Xylene	20.0	19.0	95	79 - 120	
Styrene	20.0	19.3	96	76 - 120	
Tetrachloroethene	20.0	18.3	91	70 - 136	

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Control Sample - Batch: 460-313792

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-313792/3	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29489.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2015 2151	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/30/2015 2151				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	19.3	97	78 - 120	
trans-1,2-Dichloroethene	20.0	17.7	89	79 - 120	
trans-1,3-Dichloropropene	20.0	19.7	99	71 - 123	
Trichloroethene	20.0	18.8	94	74 - 120	
Trichlorofluoromethane	20.0	20.7	103	65 - 142	
Vinyl chloride	20.0	16.0	80	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 130
4-Bromofluorobenzene	90	64 - 135
Dibromofluoromethane (Surr)	100	72 - 137
Toluene-d8 (Surr)	96	70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313792

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98605-A-7 MS	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29504.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0420			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0420				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98605-A-7 MSD	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29505.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0447			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0447				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	105	103	73 - 134	2	30		
1,1,2,2-Tetrachloroethane	99	105	55 - 133	6	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	98	98	60 - 144	1	30		
1,1,2-Trichloroethane	93	95	68 - 121	2	30		
1,1-Dichloroethane	107	108	75 - 126	1	30		
1,1-Dichloroethene	98	98	71 - 123	1	30		
1,2,3-Trichlorobenzene	83	96	72 - 135	15	30		
1,2,4-Trichlorobenzene	82	95	76 - 129	14	30		
1,2-Dibromo-3-Chloropropane	95	98	53 - 136	3	30		
1,2-Dichlorobenzene	95	102	81 - 120	6	30		
1,2-Dichloroethane	115	114	75 - 127	1	30		
1,2-Dichloropropane	103	103	70 - 120	0	30		
1,3-Dichlorobenzene	97	100	75 - 120	3	30		
1,4-Dichlorobenzene	94	96	75 - 120	2	30		
1,4-Dioxane	75	110	46 - 150	37	30		*
2-Butanone (MEK)	81	80	52 - 140	1	30		
2-Hexanone	83	87	49 - 131	5	30		
4-Methyl-2-pentanone (MIBK)	97	99	56 - 132	2	30		
Acetone	64	66	26 - 150	3	30		
Benzene	106	105	69 - 125	1	30		
Bromoform	73	71	50 - 134	3	30		
Bromomethane	73	80	27 - 150	9	30		
Carbon disulfide	106	105	61 - 126	0	30		
Carbon tetrachloride	95	90	58 - 150	5	30		
Chlorobenzene	97	97	77 - 120	0	30		
Chlorobromomethane	101	98	70 - 134	3	30		
Chlorodibromomethane	84	86	63 - 131	2	30		
Chloroethane	97	94	58 - 145	3	30		
Chloroform	103	105	81 - 122	3	30		
Chloromethane	75	75	43 - 145	1	30		
cis-1,2-Dichloroethene	96	92	78 - 121	4	30		
cis-1,3-Dichloropropene	98	99	71 - 120	1	30		
Cyclohexane	108	106	50 - 150	1	30		

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313792

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98605-A-7 MS	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29504.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0420			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0420				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98605-A-7 MSD	Analysis Batch:	460-313792	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29505.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0447			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0447				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	94	94	72 - 123	0	30		
Dichlorodifluoromethane	72	66	40 - 150	8	30		
Ethylbenzene	101	100	74 - 120	1	30		
Ethylene Dibromide	83	97	77 - 117	15	30		
Isopropylbenzene	99	103	74 - 127	4	30		
Methyl acetate	101	99	62 - 140	2	30		
Methyl tert-butyl ether	105	104	73 - 125	1	30		
Methylcyclohexane	95	96	50 - 150	1	30		
Methylene Chloride	98	96	76 - 123	3	30		
m-Xylene & p-Xylene	96	96	78 - 119	1	30		
o-Xylene	96	101	79 - 120	5	30		
Styrene	97	96	76 - 120	1	30		
Tetrachloroethene	122	97	70 - 136	22	30		
Toluene	102	101	78 - 120	1	30		
trans-1,2-Dichloroethene	92	94	79 - 120	2	30		
trans-1,3-Dichloropropene	102	100	71 - 123	1	30		
Trichloroethene	103	98	74 - 120	5	30		
Trichlorofluoromethane	106	105	65 - 142	1	30		
Vinyl chloride	84	84	56 - 137	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	112	70 - 130
4-Bromofluorobenzene	90	89	64 - 135
Dibromofluoromethane (Surr)	100	97	72 - 137
Toluene-d8 (Surr)	97	97	70 - 130

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313792

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98605-A-7 MS	Units: ug/L	MSD Lab Sample ID:	460-98605-A-7 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/31/2015 0420		Analysis Date:	07/31/2015 0447	
Prep Date:	07/31/2015 0420		Prep Date:	07/31/2015 0447	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	1.0	U	20.0	20.0	21.1	20.6	
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	19.7	21.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	20.0	19.5	19.7	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	18.6	18.9	
1,1-Dichloroethane	1.0	U	20.0	20.0	21.4	21.7	
1,1-Dichloroethene	1.0	U	20.0	20.0	19.7	19.5	
1,2,3-Trichlorobenzene	1.0	U	20.0	20.0	16.6	19.3	
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	16.5	19.0	
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	19.1	19.7	
1,2-Dichlorobenzene	1.0	U	20.0	20.0	19.1	20.3	
1,2-Dichloroethane	1.0	U	20.0	20.0	22.9	22.7	
1,2-Dichloropropane	1.0	U	20.0	20.0	20.7	20.6	
1,3-Dichlorobenzene	1.0	U	20.0	20.0	19.5	20.0	
1,4-Dichlorobenzene	1.0	U	20.0	20.0	18.8	19.2	
1,4-Dioxane	50	U	400	400	301	439	*
2-Butanone (MEK)	5.0	U	100	100	80.8	79.9	
2-Hexanone	5.0	U	100	100	82.8	86.7	
4-Methyl-2-pentanone (MIBK)	5.0	U	100	100	97.5	99.3	
Acetone	5.0	U	100	100	64.4	66.5	
Benzene	1.0	U	20.0	20.0	21.2	21.0	
Bromoform	1.0	U	20.0	20.0	14.6	14.2	
Bromomethane	1.0	U	20.0	20.0	14.6	15.9	
Carbon disulfide	1.0	U	20.0	20.0	21.2	21.1	
Carbon tetrachloride	1.0	U	20.0	20.0	19.1	18.1	
Chlorobenzene	1.0	U	20.0	20.0	19.3	19.3	
Chlorobromomethane	1.0	U	20.0	20.0	20.2	19.6	
Chlorodibromomethane	1.0	U	20.0	20.0	16.7	17.1	
Chloroethane	1.0	U	20.0	20.0	19.4	18.8	
Chloroform	1.0	U	20.0	20.0	20.5	21.1	
Chloromethane	1.0	U	20.0	20.0	15.1	14.9	
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	19.2	18.4	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	19.6	19.7	
Cyclohexane	1.0	U	20.0	20.0	21.5	21.2	
Dichlorobromomethane	1.0	U	20.0	20.0	18.8	18.8	
Dichlorodifluoromethane	1.0	U	20.0	20.0	14.4	13.2	
Ethylbenzene	1.0	U	20.0	20.0	20.2	20.0	
Ethylene Dibromide	1.0	U	20.0	20.0	16.6	19.3	
Isopropylbenzene	1.0	U	20.0	20.0	19.8	20.6	
Methyl acetate	5.0	U	100	100	101	98.8	
Methyl tert-butyl ether	1.0	U	20.0	20.0	21.1	20.9	
Methylcyclohexane	1.0	U	20.0	20.0	19.0	19.1	
Methylene Chloride	1.0	U	20.0	20.0	19.7	19.2	
m-Xylene & p-Xylene	1.0	U	20.0	20.0	19.1	19.2	

Client: New York State D.E.C. Job Number: 460-98572-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313792

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98605-A-7 MS	Units:	ug/L	MSD Lab Sample ID:	460-98605-A-7 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/31/2015 0420			Analysis Date:	07/31/2015 0447
Prep Date:	07/31/2015 0420			Prep Date:	07/31/2015 0447
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
o-Xylene	1.0	U	20.0	20.0	19.3	20.2
Styrene	1.0	U	20.0	20.0	19.5	19.2
Tetrachloroethene	1.0	U	20.0	20.0	24.4	19.5
Toluene	1.0	U	20.0	20.0	20.4	20.3
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	18.5	18.9
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	20.4	20.1
Trichloroethene	1.0	U	20.0	20.0	20.6	19.5
Trichlorofluoromethane	1.0	U	20.0	20.0	21.2	21.0
Vinyl chloride	1.0	U	20.0	20.0	16.8	16.7

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 460-98572-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	*	MS or MSD is outside acceptance limits.

Client: New York State D.E.C. Job Number: 460-98572-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-313622					
LCS 460-313622/3	Lab Control Sample	T	Water	8260C	
MB 460-313622/7	Method Blank	T	Water	8260C	
460-98380-B-1 MS	Matrix Spike	T	Water	8260C	
460-98380-B-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-98572-1	MW-38	T	Water	8260C	
460-98572-2	MW-40	T	Water	8260C	
460-98572-3	MW-17	T	Water	8260C	
460-98572-6	MW-32	T	Water	8260C	
460-98572-7	MW-31	T	Water	8260C	
460-98572-8	MW-37	T	Water	8260C	
460-98572-9FB	FB-4	T	Water	8260C	
460-98572-10TB	Trip Blank	T	Water	8260C	
Analysis Batch:460-313792					
LCS 460-313792/3	Lab Control Sample	T	Water	8260C	
MB 460-313792/7	Method Blank	T	Water	8260C	
460-98572-4	MW-46	T	Water	8260C	
460-98572-5FB	FB-3	T	Water	8260C	
460-98605-A-7 MS	Matrix Spike	T	Water	8260C	
460-98605-A-7 MSD	Matrix Spike Duplicate	T	Water	8260C	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-98572-1

Laboratory Chronicle

Lab ID: 460-98572-1 **Client ID: MW-38**

Sample Date/Time: 07/22/2015 09:38 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-1		460-313622		07/30/2015 18:01	1	TAL EDI	CJM
A:8260C	460-98572-B-1		460-313622		07/30/2015 18:01	1	TAL EDI	CJM

Lab ID: 460-98572-2 **Client ID: MW-40**

Sample Date/Time: 07/22/2015 11:04 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-2		460-313622		07/30/2015 18:27	1	TAL EDI	CJM
A:8260C	460-98572-B-2		460-313622		07/30/2015 18:27	1	TAL EDI	CJM

Lab ID: 460-98572-3 **Client ID: MW-17**

Sample Date/Time: 07/22/2015 12:23 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-3		460-313622		07/30/2015 18:53	1	TAL EDI	CJM
A:8260C	460-98572-B-3		460-313622		07/30/2015 18:53	1	TAL EDI	CJM

Lab ID: 460-98572-4 **Client ID: MW-46**

Sample Date/Time: 07/22/2015 13:42 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-4		460-313792		07/31/2015 03:54	5	TAL EDI	MZS
A:8260C	460-98572-B-4		460-313792		07/31/2015 03:54	5	TAL EDI	MZS

Lab ID: 460-98572-5 **Client ID: FB-3**

Sample Date/Time: 07/22/2015 14:15 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-A-5		460-313792		07/31/2015 00:00	1	TAL EDI	MZS
A:8260C	460-98572-A-5		460-313792		07/31/2015 00:00	1	TAL EDI	MZS

Lab ID: 460-98572-6 **Client ID: MW-32**

Sample Date/Time: 07/23/2015 09:35 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-6		460-313622		07/30/2015 19:19	1	TAL EDI	CJM
A:8260C	460-98572-B-6		460-313622		07/30/2015 19:19	1	TAL EDI	CJM

Client: New York State D.E.C. Job Number: 460-98572-1

Laboratory Chronicle

Lab ID: 460-98572-7 **Client ID: MW-31**

Sample Date/Time: 07/23/2015 13:42 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-7		460-313622		07/30/2015 19:45	1	TAL EDI	CJM
A:8260C	460-98572-B-7		460-313622		07/30/2015 19:45	1	TAL EDI	CJM

Lab ID: 460-98572-8 **Client ID: MW-37**

Sample Date/Time: 07/23/2015 14:50 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-8		460-313622		07/30/2015 20:11	1	TAL EDI	CJM
A:8260C	460-98572-B-8		460-313622		07/30/2015 20:11	1	TAL EDI	CJM

Lab ID: 460-98572-9 **Client ID: FB-4**

Sample Date/Time: 07/23/2015 15:05 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-9		460-313622		07/30/2015 17:09	1	TAL EDI	CJM
A:8260C	460-98572-B-9		460-313622		07/30/2015 17:09	1	TAL EDI	CJM

Lab ID: 460-98572-10 **Client ID: Trip Blank**

Sample Date/Time: 07/23/2015 00:00 Received Date/Time: 07/24/2015 17:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98572-B-10		460-313622		07/30/2015 17:35	1	TAL EDI	CJM
A:8260C	460-98572-B-10		460-313622		07/30/2015 17:35	1	TAL EDI	CJM

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 460-313622/7		460-313622		07/30/2015 10:51	1	TAL EDI	CJM
A:8260C	MB 460-313622/7		460-313622		07/30/2015 10:51	1	TAL EDI	CJM
P:5030C	MB 460-313792/7		460-313792		07/30/2015 23:34	1	TAL EDI	MZS
A:8260C	MB 460-313792/7		460-313792		07/30/2015 23:34	1	TAL EDI	MZS

Client: New York State D.E.C. Job Number: 460-98572-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 460-313622/3		460-313622		07/30/2015 09:07	1	TAL EDI	CJM
A:8260C	LCS 460-313622/3		460-313622		07/30/2015 09:07	1	TAL EDI	CJM
P:5030C	LCS 460-313792/3		460-313792		07/30/2015 21:51	1	TAL EDI	MZS
A:8260C	LCS 460-313792/3		460-313792		07/30/2015 21:51	1	TAL EDI	MZS

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 07/21/2015 11:15 Received Date/Time: 07/22/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98380-B-1 MS		460-313622		07/30/2015 15:24	50	TAL EDI	CJM
A:8260C	460-98380-B-1 MS		460-313622		07/30/2015 15:24	50	TAL EDI	CJM
P:5030C	460-98605-A-7 MS		460-313792		07/31/2015 04:20	1	TAL EDI	MZS
A:8260C	460-98605-A-7 MS		460-313792		07/31/2015 04:20	1	TAL EDI	MZS

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 07/21/2015 11:15 Received Date/Time: 07/22/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98380-B-1 MSD		460-313622		07/30/2015 15:51	50	TAL EDI	CJM
A:8260C	460-98380-B-1 MSD		460-313622		07/30/2015 15:51	50	TAL EDI	CJM
P:5030C	460-98605-A-7 MSD		460-313792		07/31/2015 04:47	1	TAL EDI	MZS
A:8260C	460-98605-A-7 MSD		460-313792		07/31/2015 04:47	1	TAL EDI	MZS

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-38	460-98572-1	101	112	96	89
MW-40	460-98572-2	99	112	95	87
MW-17	460-98572-3	98	111	98	90
MW-46	460-98572-4	101	115	97	86
FB-3	460-98572-5	98	114	96	88
MW-32	460-98572-6	100	113	96	88
MW-31	460-98572-7	102	112	95	88
MW-37	460-98572-8	100	110	95	87
FB-4	460-98572-9	96	110	97	89
Trip Blank	460-98572-10	99	110	97	91
	MB 460-313622/7	102	111	96	86
	MB 460-313792/7	98	111	96	89
	LCS 460-313622/3	100	110	96	90
	LCS 460-313792/3	100	112	96	90
	460-98380-B-1 MS	102	112	96	90
	460-98605-A-7 MS	100	113	97	90
	460-98380-B-1 MSD	101	111	98	91
	460-98605-A-7 MSD	97	112	97	89

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29461.D

Lab ID: LCS 460-313622/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.8	104	73-134	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1	100	60-144	
1,1,2-Trichloroethane	20.0	18.6	93	68-121	
1,1-Dichloroethane	20.0	21.9	109	75-126	
1,1-Dichloroethene	20.0	20.3	102	71-123	
1,2,3-Trichlorobenzene	20.0	19.9	100	72-135	
1,2,4-Trichlorobenzene	20.0	19.1	95	76-129	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	53-136	
1,2-Dichlorobenzene	20.0	20.1	100	81-120	
1,2-Dichloroethane	20.0	22.6	113	75-127	
1,2-Dichloropropane	20.0	20.0	100	70-120	
1,3-Dichlorobenzene	20.0	19.7	99	75-120	
1,4-Dichlorobenzene	20.0	19.6	98	75-120	
1,4-Dioxane	400	475	119	46-150	
2-Butanone (MEK)	100	88.6	89	52-140	
2-Hexanone	100	86.6	87	49-131	
4-Methyl-2-pentanone (MIBK)	100	101	101	56-132	
Acetone	100	74.6	75	26-150	
Benzene	20.0	21.0	105	69-125	
Bromoform	20.0	14.7	74	50-134	
Bromomethane	20.0	15.8	79	27-150	
Carbon disulfide	20.0	21.4	107	61-126	
Carbon tetrachloride	20.0	20.0	100	58-150	
Chlorobenzene	20.0	19.9	99	77-120	
Chlorobromomethane	20.0	19.6	98	70-134	
Chlorodibromomethane	20.0	17.5	88	63-131	
Chloroethane	20.0	22.2	111	58-145	
Chloroform	20.0	20.9	105	81-122	
Chloromethane	20.0	18.8	94	43-145	
cis-1,2-Dichloroethene	20.0	19.7	98	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	71-120	
Cyclohexane	20.0	22.2	111	50-150	
Dichlorobromomethane	20.0	18.7	94	72-123	
Dichlorodifluoromethane	20.0	19.1	95	40-150	
Ethylbenzene	20.0	20.6	103	74-120	
Ethylene Dibromide	20.0	19.3	97	77-117	
Isopropylbenzene	20.0	21.1	105	74-127	
Methyl acetate	100	106	106	62-140	
Methyl tert-butyl ether	20.0	21.2	106	73-125	
Methylcyclohexane	20.0	20.2	101	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29461.D

Lab ID: LCS 460-313622/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	18.5	93	76-123	
m-Xylene & p-Xylene	20.0	19.8	99	78-119	
o-Xylene	20.0	20.3	101	79-120	
Styrene	20.0	19.9	99	76-120	
Tetrachloroethene	20.0	19.1	96	70-136	
Toluene	20.0	20.4	102	78-120	
trans-1,2-Dichloroethene	20.0	19.1	95	79-120	
trans-1,3-Dichloropropene	20.0	20.1	100	71-123	
Trichloroethene	20.0	20.3	101	74-120	
Trichlorofluoromethane	20.0	23.2	116	65-142	
Vinyl chloride	20.0	20.5	103	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29489.D

Lab ID: LCS 460-313792/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.5	97	73-134	
1,1,2,2-Tetrachloroethane	20.0	20.9	105	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.6	88	60-144	
1,1,2-Trichloroethane	20.0	17.9	90	68-121	
1,1-Dichloroethane	20.0	20.6	103	75-126	
1,1-Dichloroethene	20.0	17.9	89	71-123	
1,2,3-Trichlorobenzene	20.0	19.9	100	72-135	
1,2,4-Trichlorobenzene	20.0	19.1	96	76-129	
1,2-Dibromo-3-Chloropropane	20.0	20.2	101	53-136	
1,2-Dichlorobenzene	20.0	19.7	98	81-120	
1,2-Dichloroethane	20.0	23.0	115	75-127	
1,2-Dichloropropane	20.0	20.3	102	70-120	
1,3-Dichlorobenzene	20.0	19.6	98	75-120	
1,4-Dichlorobenzene	20.0	19.9	100	75-120	
1,4-Dioxane	400	401	100	46-150	
2-Butanone (MEK)	100	80.6	81	52-140	
2-Hexanone	100	89.0	89	49-131	
4-Methyl-2-pentanone (MIBK)	100	104	104	56-132	
Acetone	100	67.2	67	26-150	
Benzene	20.0	20.3	101	69-125	
Bromoform	20.0	15.0	75	50-134	
Bromomethane	20.0	16.2	81	27-150	
Carbon disulfide	20.0	19.3	97	61-126	
Carbon tetrachloride	20.0	17.4	87	58-150	
Chlorobenzene	20.0	19.2	96	77-120	
Chlorobromomethane	20.0	17.7	88	70-134	
Chlorodibromomethane	20.0	16.5	82	63-131	
Chloroethane	20.0	18.9	95	58-145	
Chloroform	20.0	20.3	101	81-122	
Chloromethane	20.0	15.3	76	43-145	
cis-1,2-Dichloroethene	20.0	18.5	93	78-121	
cis-1,3-Dichloropropene	20.0	19.9	100	71-120	
Cyclohexane	20.0	19.3	96	50-150	
Dichlorobromomethane	20.0	18.8	94	72-123	
Dichlorodifluoromethane	20.0	13.6	68	40-150	
Ethylbenzene	20.0	19.0	95	74-120	
Ethylene Dibromide	20.0	18.9	94	77-117	
Isopropylbenzene	20.0	19.5	98	74-127	
Methyl acetate	100	101	101	62-140	
Methyl tert-butyl ether	20.0	20.9	104	73-125	
Methylcyclohexane	20.0	18.2	91	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29489.D

Lab ID: LCS 460-313792/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	18.9	94	76-123	
m-Xylene & p-Xylene	20.0	19.0	95	78-119	
o-Xylene	20.0	19.0	95	79-120	
Styrene	20.0	19.3	96	76-120	
Tetrachloroethene	20.0	18.3	91	70-136	
Toluene	20.0	19.3	97	78-120	
trans-1,2-Dichloroethene	20.0	17.7	89	79-120	
trans-1,3-Dichloropropene	20.0	19.7	99	71-123	
Trichloroethene	20.0	18.8	94	74-120	
Trichlorofluoromethane	20.0	20.7	103	65-142	
Vinyl chloride	20.0	16.0	80	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29475.D

Lab ID: 460-98380-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1000	50 U	1050	105	73-134	
1,1,2,2-Tetrachloroethane	1000	50 U	1010	101	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	50 U	1020	102	60-144	
1,1,2-Trichloroethane	1000	50 U	944	94	68-121	
1,1-Dichloroethane	1000	50 U	1110	111	75-126	
1,1-Dichloroethene	1000	50 U	1040	104	71-123	
1,2,3-Trichlorobenzene	1000	50 U	843	84	72-135	
1,2,4-Trichlorobenzene	1000	50 U	844	84	76-129	
1,2-Dibromo-3-Chloropropane	1000	50 U	908	91	53-136	
1,2-Dichlorobenzene	1000	50 U	948	95	81-120	
1,2-Dichloroethane	1000	50 U	1140	114	75-127	
1,2-Dichloropropane	1000	50 U	1040	104	70-120	
1,3-Dichlorobenzene	1000	50 U	941	94	75-120	
1,4-Dichlorobenzene	1000	50 U	938	94	75-120	
1,4-Dioxane	20000	2500 U	15100	75	46-150	
2-Butanone (MEK)	5000	250 U	4640	93	52-140	
2-Hexanone	5000	250 U	4290	86	49-131	
4-Methyl-2-pentanone (MIBK)	5000	250 U	5040	101	56-132	
Acetone	5000	15000	35300	405	26-150	*
Benzene	1000	27 J	1080	106	69-125	
Bromoform	1000	50 U	737	74	50-134	
Bromomethane	1000	50 U	725	72	27-150	
Carbon disulfide	1000	50 U	1070	107	61-126	
Carbon tetrachloride	1000	50 U	979	98	58-150	
Chlorobenzene	1000	50 U	981	98	77-120	
Chlorobromomethane	1000	50 U	960	96	70-134	
Chlorodibromomethane	1000	50 U	858	86	63-131	
Chloroethane	1000	50 U	1110	111	58-145	
Chloroform	1000	50 U	1070	107	81-122	
Chloromethane	1000	50 U	925	93	43-145	
cis-1,2-Dichloroethene	1000	5600	6700	106	78-121	
cis-1,3-Dichloropropene	1000	50 U	970	97	71-120	
Cyclohexane	1000	50 U	1090	109	50-150	
Dichlorobromomethane	1000	50 U	946	95	72-123	
Dichlorodifluoromethane	1000	50 U	961	96	40-150	
Ethylbenzene	1000	50 U	987	99	74-120	
Ethylene Dibromide	1000	50 U	963	96	77-117	
Isopropylbenzene	1000	50 U	1040	104	74-127	
Methyl acetate	5000	250 U	5270	105	62-140	
Methyl tert-butyl ether	1000	50 U	1070	107	73-125	
Methylcyclohexane	1000	50 U	954	95	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29475.D

Lab ID: 460-98380-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	1000	50 U	971	97	76-123	
m-Xylene & p-Xylene	1000	50 U	962	96	78-119	
o-Xylene	1000	50 U	999	100	79-120	
Styrene	1000	50 U	973	97	76-120	
Tetrachloroethene	1000	50 U	897	90	70-136	
Toluene	1000	50 U	1010	101	78-120	
trans-1,2-Dichloroethene	1000	84	1020	93	79-120	
trans-1,3-Dichloropropene	1000	50 U	994	99	71-123	
Trichloroethene	1000	5000	6140	111	74-120	
Trichlorofluoromethane	1000	50 U	1180	118	65-142	
Vinyl chloride	1000	1100	2140	105	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29504.D

Lab ID: 460-98605-A-7 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	21.1	105	73-134	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	19.7	99	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	19.5	98	60-144	
1,1,2-Trichloroethane	20.0	1.0 U	18.6	93	68-121	
1,1-Dichloroethane	20.0	1.0 U	21.4	107	75-126	
1,1-Dichloroethene	20.0	1.0 U	19.7	98	71-123	
1,2,3-Trichlorobenzene	20.0	1.0 U	16.6	83	72-135	
1,2,4-Trichlorobenzene	20.0	1.0 U	16.5	82	76-129	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	19.1	95	53-136	
1,2-Dichlorobenzene	20.0	1.0 U	19.1	95	81-120	
1,2-Dichloroethane	20.0	1.0 U	22.9	115	75-127	
1,2-Dichloropropane	20.0	1.0 U	20.7	103	70-120	
1,3-Dichlorobenzene	20.0	1.0 U	19.5	97	75-120	
1,4-Dichlorobenzene	20.0	1.0 U	18.8	94	75-120	
1,4-Dioxane	400	50 U	301	75	46-150	
2-Butanone (MEK)	100	5.0 U	80.8	81	52-140	
2-Hexanone	100	5.0 U	82.8	83	49-131	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	97.5	97	56-132	
Acetone	100	5.0 U	64.4	64	26-150	
Benzene	20.0	1.0 U	21.2	106	69-125	
Bromoform	20.0	1.0 U	14.6	73	50-134	
Bromomethane	20.0	1.0 U	14.6	73	27-150	
Carbon disulfide	20.0	1.0 U	21.2	106	61-126	
Carbon tetrachloride	20.0	1.0 U	19.1	95	58-150	
Chlorobenzene	20.0	1.0 U	19.3	97	77-120	
Chlorobromomethane	20.0	1.0 U	20.2	101	70-134	
Chlorodibromomethane	20.0	1.0 U	16.7	84	63-131	
Chloroethane	20.0	1.0 U	19.4	97	58-145	
Chloroform	20.0	1.0 U	20.5	103	81-122	
Chloromethane	20.0	1.0 U	15.1	75	43-145	
cis-1,2-Dichloroethene	20.0	1.0 U	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	19.6	98	71-120	
Cyclohexane	20.0	1.0 U	21.5	108	50-150	
Dichlorobromomethane	20.0	1.0 U	18.8	94	72-123	
Dichlorodifluoromethane	20.0	1.0 U	14.4	72	40-150	
Ethylbenzene	20.0	1.0 U	20.2	101	74-120	
Ethylene Dibromide	20.0	1.0 U	16.6	83	77-117	
Isopropylbenzene	20.0	1.0 U	19.8	99	74-127	
Methyl acetate	100	5.0 U	101	101	62-140	
Methyl tert-butyl ether	20.0	1.0 U	21.1	105	73-125	
Methylcyclohexane	20.0	1.0 U	19.0	95	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29504.D

Lab ID: 460-98605-A-7 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	1.0 U	19.7	98	76-123	
m-Xylene & p-Xylene	20.0	1.0 U	19.1	96	78-119	
o-Xylene	20.0	1.0 U	19.3	96	79-120	
Styrene	20.0	1.0 U	19.5	97	76-120	
Tetrachloroethene	20.0	1.0 U	24.4	122	70-136	
Toluene	20.0	1.0 U	20.4	102	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.5	92	79-120	
trans-1,3-Dichloropropene	20.0	1.0 U	20.4	102	71-123	
Trichloroethene	20.0	1.0 U	20.6	103	74-120	
Trichlorofluoromethane	20.0	1.0 U	21.2	106	65-142	
Vinyl chloride	20.0	1.0 U	16.8	84	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29476.D

Lab ID: 460-98380-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	1000	1060	106	1	30	73-134	
1,1,2,2-Tetrachloroethane	1000	1090	109	7	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1020	102	1	30	60-144	
1,1,2-Trichloroethane	1000	973	97	3	30	68-121	
1,1-Dichloroethane	1000	1100	110	1	30	75-126	
1,1-Dichloroethene	1000	1020	102	3	30	71-123	
1,2,3-Trichlorobenzene	1000	1010	101	18	30	72-135	
1,2,4-Trichlorobenzene	1000	1010	101	18	30	76-129	
1,2-Dibromo-3-Chloropropane	1000	1030	103	12	30	53-136	
1,2-Dichlorobenzene	1000	1040	104	10	30	81-120	
1,2-Dichloroethane	1000	1120	112	1	30	75-127	
1,2-Dichloropropane	1000	1030	103	2	30	70-120	
1,3-Dichlorobenzene	1000	1010	101	7	30	75-120	
1,4-Dichlorobenzene	1000	1000	100	7	30	75-120	
1,4-Dioxane	20000	22700	113	40	30	46-150	*
2-Butanone (MEK)	5000	4580	92	1	30	52-140	
2-Hexanone	5000	4400	88	2	30	49-131	
4-Methyl-2-pentanone (MIBK)	5000	5070	101	1	30	56-132	
Acetone	5000	19600	91	57	30	26-150	*
Benzene	1000	1100	107	1	30	69-125	
Bromoform	1000	755	75	2	30	50-134	
Bromomethane	1000	816	82	12	30	27-150	
Carbon disulfide	1000	1050	105	2	30	61-126	
Carbon tetrachloride	1000	1010	101	3	30	58-150	
Chlorobenzene	1000	1000	100	2	30	77-120	
Chlorobromomethane	1000	1010	101	5	30	70-134	
Chlorodibromomethane	1000	855	86	0	30	63-131	
Chloroethane	1000	1120	112	1	30	58-145	
Chloroform	1000	1060	106	1	30	81-122	
Chloromethane	1000	960	96	4	30	43-145	
cis-1,2-Dichloroethene	1000	6870	123	2	30	78-121	*
cis-1,3-Dichloropropene	1000	1000	100	3	30	71-120	
Cyclohexane	1000	1070	107	2	30	50-150	
Dichlorobromomethane	1000	923	92	2	30	72-123	
Dichlorodifluoromethane	1000	954	95	1	30	40-150	
Ethylbenzene	1000	1020	102	3	30	74-120	
Ethylene Dibromide	1000	1010	101	5	30	77-117	
Isopropylbenzene	1000	1080	108	5	30	74-127	
Methyl acetate	5000	5260	105	0	30	62-140	
Methyl tert-butyl ether	1000	1040	104	3	30	73-125	
Methylcyclohexane	1000	1050	105	9	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29476.D

Lab ID: 460-98380-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	1000	960	96	1	30	76-123	
m-Xylene & p-Xylene	1000	1030	103	7	30	78-119	
o-Xylene	1000	1040	104	4	30	79-120	
Styrene	1000	1000	100	3	30	76-120	
Tetrachloroethene	1000	970	97	8	30	70-136	
Toluene	1000	1040	104	4	30	78-120	
trans-1,2-Dichloroethene	1000	1020	93	0	30	79-120	
trans-1,3-Dichloropropene	1000	984	98	1	30	71-123	
Trichloroethene	1000	6250	122	2	30	74-120	*
Trichlorofluoromethane	1000	1190	119	1	30	65-142	
Vinyl chloride	1000	2190	110	2	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29505.D

Lab ID: 460-98605-A-7 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.6	103	2	30	73-134	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	6	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.7	98	1	30	60-144	
1,1,2-Trichloroethane	20.0	18.9	95	2	30	68-121	
1,1-Dichloroethane	20.0	21.7	108	1	30	75-126	
1,1-Dichloroethene	20.0	19.5	98	1	30	71-123	
1,2,3-Trichlorobenzene	20.0	19.3	96	15	30	72-135	
1,2,4-Trichlorobenzene	20.0	19.0	95	14	30	76-129	
1,2-Dibromo-3-Chloropropane	20.0	19.7	98	3	30	53-136	
1,2-Dichlorobenzene	20.0	20.3	102	6	30	81-120	
1,2-Dichloroethane	20.0	22.7	114	1	30	75-127	
1,2-Dichloropropane	20.0	20.6	103	0	30	70-120	
1,3-Dichlorobenzene	20.0	20.0	100	3	30	75-120	
1,4-Dichlorobenzene	20.0	19.2	96	2	30	75-120	
1,4-Dioxane	400	439	110	37	30	46-150	*
2-Butanone (MEK)	100	79.9	80	1	30	52-140	
2-Hexanone	100	86.7	87	5	30	49-131	
4-Methyl-2-pentanone (MIBK)	100	99.3	99	2	30	56-132	
Acetone	100	66.5	66	3	30	26-150	
Benzene	20.0	21.0	105	1	30	69-125	
Bromoform	20.0	14.2	71	3	30	50-134	
Bromomethane	20.0	15.9	80	9	30	27-150	
Carbon disulfide	20.0	21.1	105	0	30	61-126	
Carbon tetrachloride	20.0	18.1	90	5	30	58-150	
Chlorobenzene	20.0	19.3	97	0	30	77-120	
Chlorobromomethane	20.0	19.6	98	3	30	70-134	
Chlorodibromomethane	20.0	17.1	86	2	30	63-131	
Chloroethane	20.0	18.8	94	3	30	58-145	
Chloroform	20.0	21.1	105	3	30	81-122	
Chloromethane	20.0	14.9	75	1	30	43-145	
cis-1,2-Dichloroethene	20.0	18.4	92	4	30	78-121	
cis-1,3-Dichloropropene	20.0	19.7	99	1	30	71-120	
Cyclohexane	20.0	21.2	106	1	30	50-150	
Dichlorobromomethane	20.0	18.8	94	0	30	72-123	
Dichlorodifluoromethane	20.0	13.2	66	8	30	40-150	
Ethylbenzene	20.0	20.0	100	1	30	74-120	
Ethylene Dibromide	20.0	19.3	97	15	30	77-117	
Isopropylbenzene	20.0	20.6	103	4	30	74-127	
Methyl acetate	100	98.8	99	2	30	62-140	
Methyl tert-butyl ether	20.0	20.9	104	1	30	73-125	
Methylcyclohexane	20.0	19.1	96	1	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29505.D

Lab ID: 460-98605-A-7 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	20.0	19.2	96	3	30	76-123	
m-Xylene & p-Xylene	20.0	19.2	96	1	30	78-119	
o-Xylene	20.0	20.2	101	5	30	79-120	
Styrene	20.0	19.2	96	1	30	76-120	
Tetrachloroethene	20.0	19.5	97	22	30	70-136	
Toluene	20.0	20.3	101	1	30	78-120	
trans-1,2-Dichloroethene	20.0	18.9	94	2	30	79-120	
trans-1,3-Dichloropropene	20.0	20.1	100	1	30	71-123	
Trichloroethene	20.0	19.5	98	5	30	74-120	
Trichlorofluoromethane	20.0	21.0	105	1	30	65-142	
Vinyl chloride	20.0	16.7	84	0	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab File ID: J29465.D Lab Sample ID: MB 460-313622/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 07/30/2015 10:51

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-313622/3	J29461.D	07/30/2015 09:07
	460-98380-B-1 MS	J29475.D	07/30/2015 15:24
	460-98380-B-1 MSD	J29476.D	07/30/2015 15:51
FB-4	460-98572-9	J29479.D	07/30/2015 17:09
Trip Blank	460-98572-10	J29480.D	07/30/2015 17:35
MW-38	460-98572-1	J29481.D	07/30/2015 18:01
MW-40	460-98572-2	J29482.D	07/30/2015 18:27
MW-17	460-98572-3	J29483.D	07/30/2015 18:53
MW-32	460-98572-6	J29484.D	07/30/2015 19:19
MW-31	460-98572-7	J29485.D	07/30/2015 19:45
MW-37	460-98572-8	J29486.D	07/30/2015 20:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab File ID: J29493.D Lab Sample ID: MB 460-313792/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 07/30/2015 23:34

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-313792/3	J29489.D	07/30/2015 21:51
FB-3	460-98572-5	J29494.D	07/31/2015 00:00
MW-46	460-98572-4	J29503.D	07/31/2015 03:54
	460-98605-A-7 MS	J29504.D	07/31/2015 04:20
	460-98605-A-7 MSD	J29505.D	07/31/2015 04:47

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab File ID: J29083.D BFB Injection Date: 07/21/2015

Instrument ID: CVOAMS8 BFB Injection Time: 10:08

Analysis Batch No.: 311803

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
75	30.0 - 60.0 % of mass 95	48.3	
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	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	81.9	
175	5.0 - 9.0 % of mass 174	6.7	(8.2)1
176	95.0 - 101.0 % of mass 174	82.1	(100.2)1
177	5.0 - 9.0 % of mass 176	5.3	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-311803/4	J29086.D	07/21/2015	11:43
	STD20 460-311803/5	J29087.D	07/21/2015	12:09
	STD50 460-311803/6	J29088.D	07/21/2015	12:35
	STD200 460-311803/7	J29089.D	07/21/2015	13:02
	STD500 460-311803/8	J29090.D	07/21/2015	13:28
	STD7 460-311803/11	J29093.D	07/21/2015	14:47
	STD1 460-311803/19	J29101.D	07/21/2015	18:18

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab File ID: J29459.D BFB Injection Date: 07/30/2015

Instrument ID: CVOAMS8 BFB Injection Time: 08:11

Analysis Batch No.: 313622

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	53.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	80.1	
175	5.0 - 9.0 % of mass 174	6.5	(8.1)1
176	95.0 - 101.0 % of mass 174	78.1	(97.5)1
177	5.0 - 9.0 % of mass 176	5.8	(7.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-313622/2	J29460.D	07/30/2015	08:37
	LCS 460-313622/3	J29461.D	07/30/2015	09:07
	MB 460-313622/7	J29465.D	07/30/2015	10:51
	460-98380-B-1 MS	J29475.D	07/30/2015	15:24
	460-98380-B-1 MSD	J29476.D	07/30/2015	15:51
FB-4	460-98572-9	J29479.D	07/30/2015	17:09
Trip Blank	460-98572-10	J29480.D	07/30/2015	17:35
MW-38	460-98572-1	J29481.D	07/30/2015	18:01
MW-40	460-98572-2	J29482.D	07/30/2015	18:27
MW-17	460-98572-3	J29483.D	07/30/2015	18:53
MW-32	460-98572-6	J29484.D	07/30/2015	19:19
MW-31	460-98572-7	J29485.D	07/30/2015	19:45
MW-37	460-98572-8	J29486.D	07/30/2015	20:11

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab File ID: J29487.D BFB Injection Date: 07/30/2015

Instrument ID: CVOAMS8 BFB Injection Time: 20:42

Analysis Batch No.: 313792

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.4	
75	30.0 - 60.0 % of mass 95	48.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	88.6	
175	5.0 - 9.0 % of mass 174	7.4	(8.3)1
176	95.0 - 101.0 % of mass 174	89.1	(100.6)1
177	5.0 - 9.0 % of mass 176	5.4	(6.1)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-313792/2	J29488.D	07/30/2015	21:13
	LCS 460-313792/3	J29489.D	07/30/2015	21:51
	MB 460-313792/7	J29493.D	07/30/2015	23:34
FB-3	460-98572-5	J29494.D	07/31/2015	00:00
MW-46	460-98572-4	J29503.D	07/31/2015	03:54
	460-98605-A-7 MS	J29504.D	07/31/2015	04:20
	460-98605-A-7 MSD	J29505.D	07/31/2015	04:47

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Sample No.: CCVIS 460-313622/2 Date Analyzed: 07/30/2015 08:37

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29460.D Heated Purge: (Y/N) N

Calibration ID: 51398

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		220341	3.16	328808	4.53	470797	5.85
UPPER LIMIT		440682	3.66	657616	5.03	941594	6.35
LOWER LIMIT		110171	2.66	164404	4.03	235399	5.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313622/3		241417	3.17	344162	4.54	478662	5.85
MB 460-313622/7		226638	3.16	328809	4.53	482123	5.85
460-98380-B-1 MS		238924	3.17	346857	4.54	476116	5.85
460-98380-B-1 MSD		236777	3.17	342130	4.53	479807	5.85
460-98572-9	FB-4	220715	3.17	336750	4.54	477639	5.85
460-98572-10	Trip Blank	225445	3.17	333131	4.54	471028	5.85
460-98572-1	MW-38	246970	3.16	351396	4.53	474862	5.85
460-98572-2	MW-40	246791	3.16	355653	4.53	480633	5.85
460-98572-3	MW-17	231240	3.16	338172	4.53	466618	5.85
460-98572-6	MW-32	225769	3.16	330518	4.53	471989	5.85
460-98572-7	MW-31	227633	3.16	342968	4.53	465520	5.85
460-98572-8	MW-37	221632	3.16	331043	4.53	468602	5.85

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Sample No.: CCVIS 460-313622/2 Date Analyzed: 07/30/2015 08:37

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29460.D Heated Purge: (Y/N) N

Calibration ID: 51398

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27800	6.64	349824	9.57	155749	11.48
UPPER LIMIT		55600	7.14	699648	10.07	311498	11.98
LOWER LIMIT		13900	6.14	174912	9.07	77875	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313622/3		27510	6.65	347588	9.57	158683	11.49
MB 460-313622/7		25468	6.64	346759	9.57	145379	11.50
460-98380-B-1 MS		28763	6.65	351091	9.57	155813	11.48
460-98380-B-1 MSD		27623	6.64	345583	9.57	152145	11.48
460-98572-9	FB-4	24489	6.65	340253	9.57	145204	11.48
460-98572-10	Trip Blank	26696	6.65	335445	9.57	146036	11.49
460-98572-1	MW-38	28412	6.66	342252	9.57	144641	11.48
460-98572-2	MW-40	27960	6.65	342882	9.57	147057	11.48
460-98572-3	MW-17	25235	6.65	331101	9.57	147574	11.48
460-98572-6	MW-32	24644	6.65	338952	9.57	142719	11.49
460-98572-7	MW-31	25239	6.64	341077	9.58	144932	11.48
460-98572-8	MW-37	25461	6.65	338044	9.57	145673	11.48

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Sample No.: CCVIS 460-313792/2 Date Analyzed: 07/30/2015 21:13

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29488.D Heated Purge: (Y/N) N

Calibration ID: 51398

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		206361	3.17	316441	4.53	470682	5.85
UPPER LIMIT		412722	3.67	632882	5.03	941364	6.35
LOWER LIMIT		103181	2.67	158221	4.03	235341	5.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313792/3		218216	3.16	322014	4.53	470783	5.85
MB 460-313792/7		218976	3.16	319865	4.53	468368	5.85
460-98572-5	FB-3	223099	3.16	319188	4.53	462113	5.85
460-98572-4	MW-46	229546	3.16	331757	4.53	452696	5.85
460-98605-A-7 MS		231407	3.16	344098	4.53	467614	5.85
460-98605-A-7 MSD		232602	3.17	341667	4.53	471281	5.85

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Sample No.: CCVIS 460-313792/2 Date Analyzed: 07/30/2015 21:13

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29488.D Heated Purge: (Y/N) N

Calibration ID: 51398

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24470	6.64	341994	9.57	152040	11.48
UPPER LIMIT		48940	7.14	683988	10.07	304080	11.98
LOWER LIMIT		12235	6.14	170997	9.07	76020	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313792/3		26441	6.65	341555	9.57	147590	11.48
MB 460-313792/7		24492	6.65	339197	9.57	142386	11.48
460-98572-5	FB-3	25009	6.64	335184	9.57	137735	11.48
460-98572-4	MW-46	26026	6.65	331369	9.57	147074	11.48
460-98605-A-7 MS		26691	6.64	339325	9.57	150316	11.48
460-98605-A-7 MSD		25407	6.65	339760	9.57	149782	11.48

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-38 | Lab Sample ID: 460-98572-1

Matrix: Water | Lab File ID: J29481.D

Analysis Method: 8260C | Date Collected: 07/22/2015 09:38

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.26	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-38 | Lab Sample ID: 460-98572-1

Matrix: Water | Lab File ID: J29481.D

Analysis Method: 8260C | Date Collected: 07/22/2015 09:38

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	2.7		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-38 Lab Sample ID: 460-98572-1

Matrix: Water Lab File ID: J29481.D

Analysis Method: 8260C Date Collected: 07/22/2015 09:38

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 18:01

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29481.D
Lims ID: 460-98572-B-1 Lab Sample ID: 460-98572-1
Client ID: MW-38
Sample Type: Client
Inject. Date: 30-Jul-2015 18:01:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-1
Misc. Info.: 460-0030221-023
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 19:20:13 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 19:20:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.160	3.164	-0.004	81	246970	1000.0	
* 39 2-Butanone-d5	46	4.529	4.533	-0.004	84	351396	250.0	
49 Chloroform	83	4.929	4.929	0.000	35	1447	0.2578	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.115	0.002	95	109987	50.5	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.528	5.532	-0.004	99	163901	56.1	
* 63 Fluorobenzene	96	5.846	5.849	-0.003	97	474862	50.0	
* 70 1,4-Dioxane-d8	96	6.656	6.642	0.014	88	28412	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	99	434120	47.8	
86 Tetrachloroethene	166	8.478	8.478	0.000	88	6384	2.73	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	91	342252	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.649	0.003	82	100029	44.3	
* 120 1,4-Dichlorobenzene-d4	152	11.480	11.496	-0.016	98	144641	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

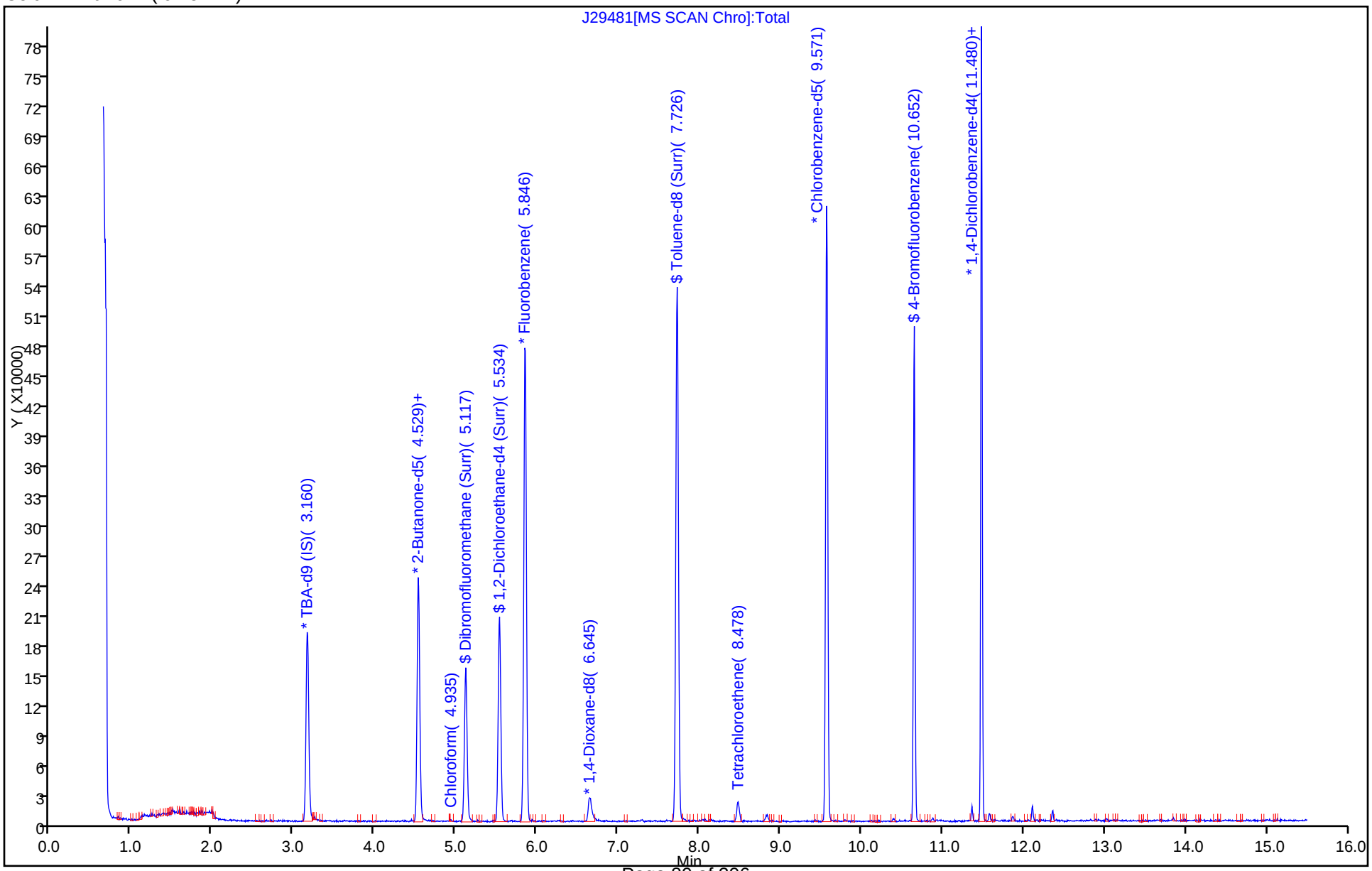
Report Date: 30-Jul-2015 19:20:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29481.D

Injection Date:	30-Jul-2015 18:01:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-1	Lab Sample ID:	460-98572-1	Worklist Smp#:	23
Client ID:	MW-38				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



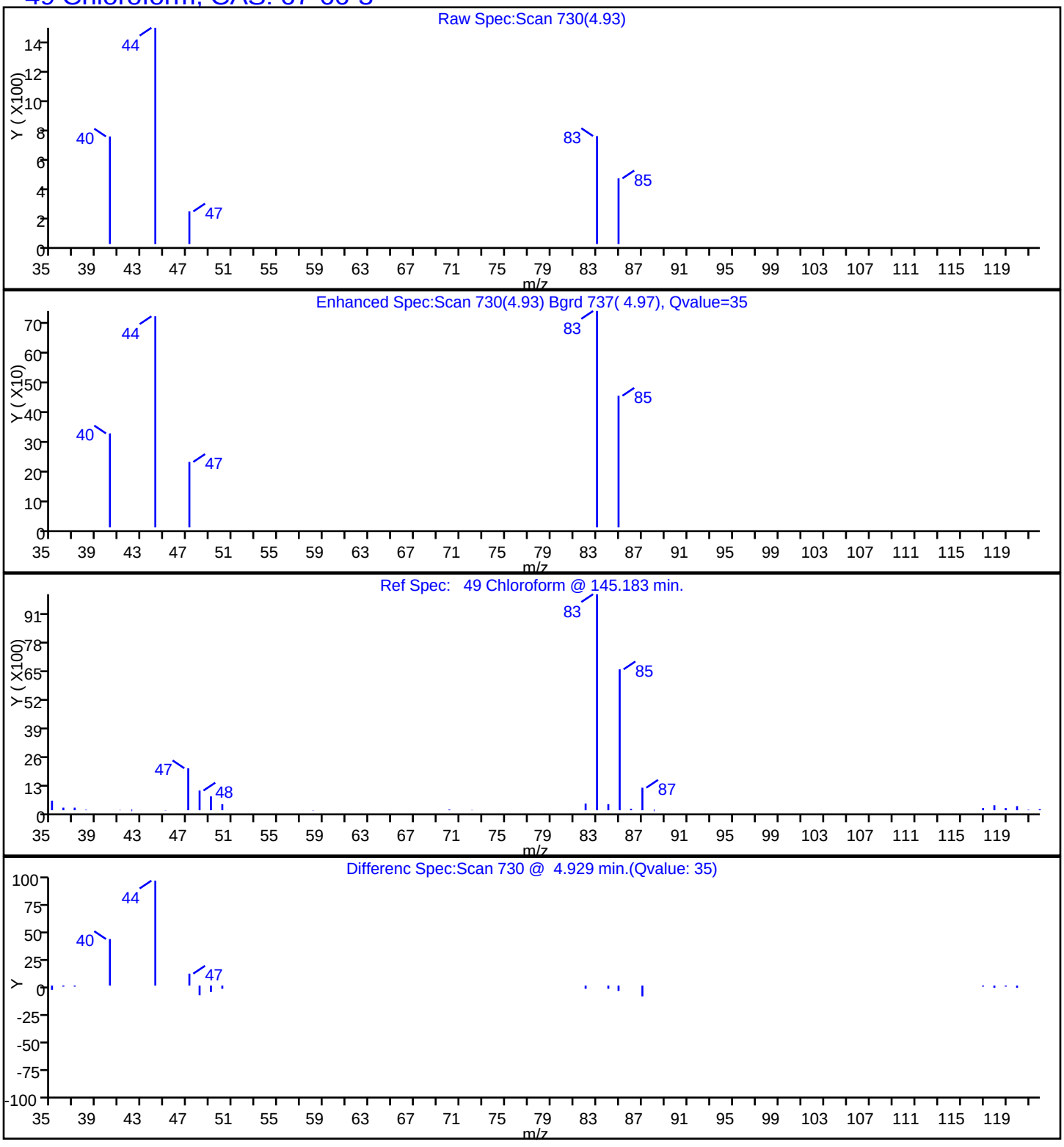
Report Date: 30-Jul-2015 19:20:14 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29481.D

Injection Date:	30-Jul-2015 18:01:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-1	Lab Sample ID:	460-98572-1		
Client ID:	MW-38				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



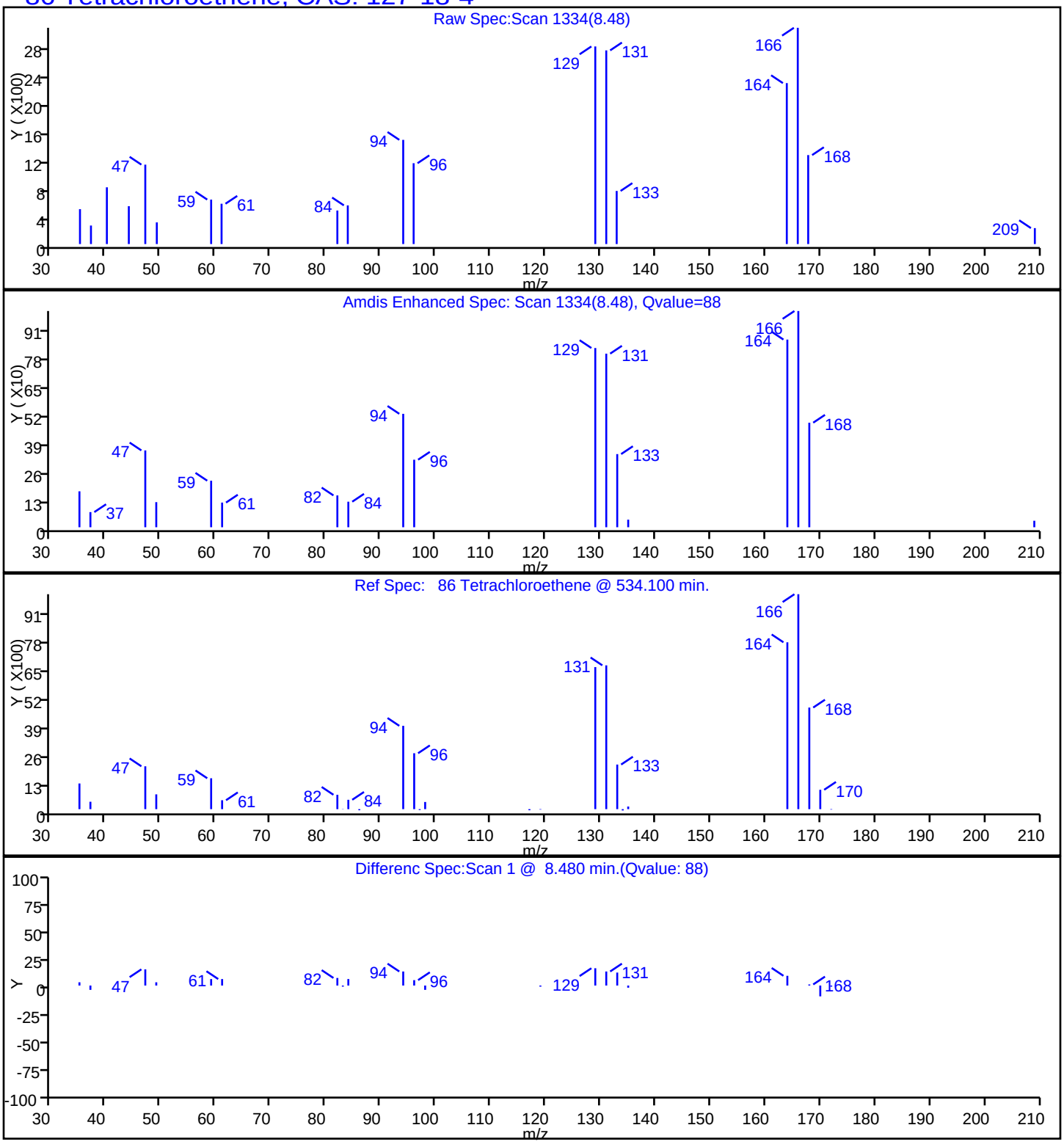
Report Date: 30-Jul-2015 19:20:14 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29481.D

Injection Date:	30-Jul-2015 18:01:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-1	Lab Sample ID:	460-98572-1		
Client ID:	MW-38				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-40 | Lab Sample ID: 460-98572-2

Matrix: Water | Lab File ID: J29482.D

Analysis Method: 8260C | Date Collected: 07/22/2015 11:04

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:27

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.89	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-40 | Lab Sample ID: 460-98572-2

Matrix: Water | Lab File ID: J29482.D

Analysis Method: 8260C | Date Collected: 07/22/2015 11:04

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:27

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.7		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.43	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-40 Lab Sample ID: 460-98572-2

Matrix: Water Lab File ID: J29482.D

Analysis Method: 8260C Date Collected: 07/22/2015 11:04

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29482.D
Lims ID: 460-98572-B-2 Lab Sample ID: 460-98572-2
Client ID: MW-40
Sample Type: Client
Inject. Date: 30-Jul-2015 18:27:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-2
Misc. Info.: 460-0030221-024
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 19:48:31 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 19:48:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.170	-0.006	81	246791	1000.0	
* 39 2-Butanone-d5	46	4.533	4.533	0.000	84	355653	250.0	
41 cis-1,2-Dichloroethene	96	4.580	4.586	-0.006	92	3832	1.04	
49 Chloroform	83	4.933	4.926	0.007	90	5028	0.8852	
$ 52 Dibromofluoromethane (Surr	113	5.121	5.114	0.007	95	109585	49.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.537	-0.005	98	165646	56.0	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	480633	50.0	
66 Trichloroethene	95	6.261	6.260	0.001	86	1348	0.4348	
* 70 1,4-Dioxane-d8	96	6.649	6.648	0.000	91	27960	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.723	0.001	99	430450	47.3	
86 Tetrachloroethene	166	8.476	8.487	-0.011	89	3953	1.69	
* 92 Chlorobenzene-d5	117	9.569	9.568	0.001	92	342882	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.655	-0.005	82	98783	43.7	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.495	-0.011	98	147057	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

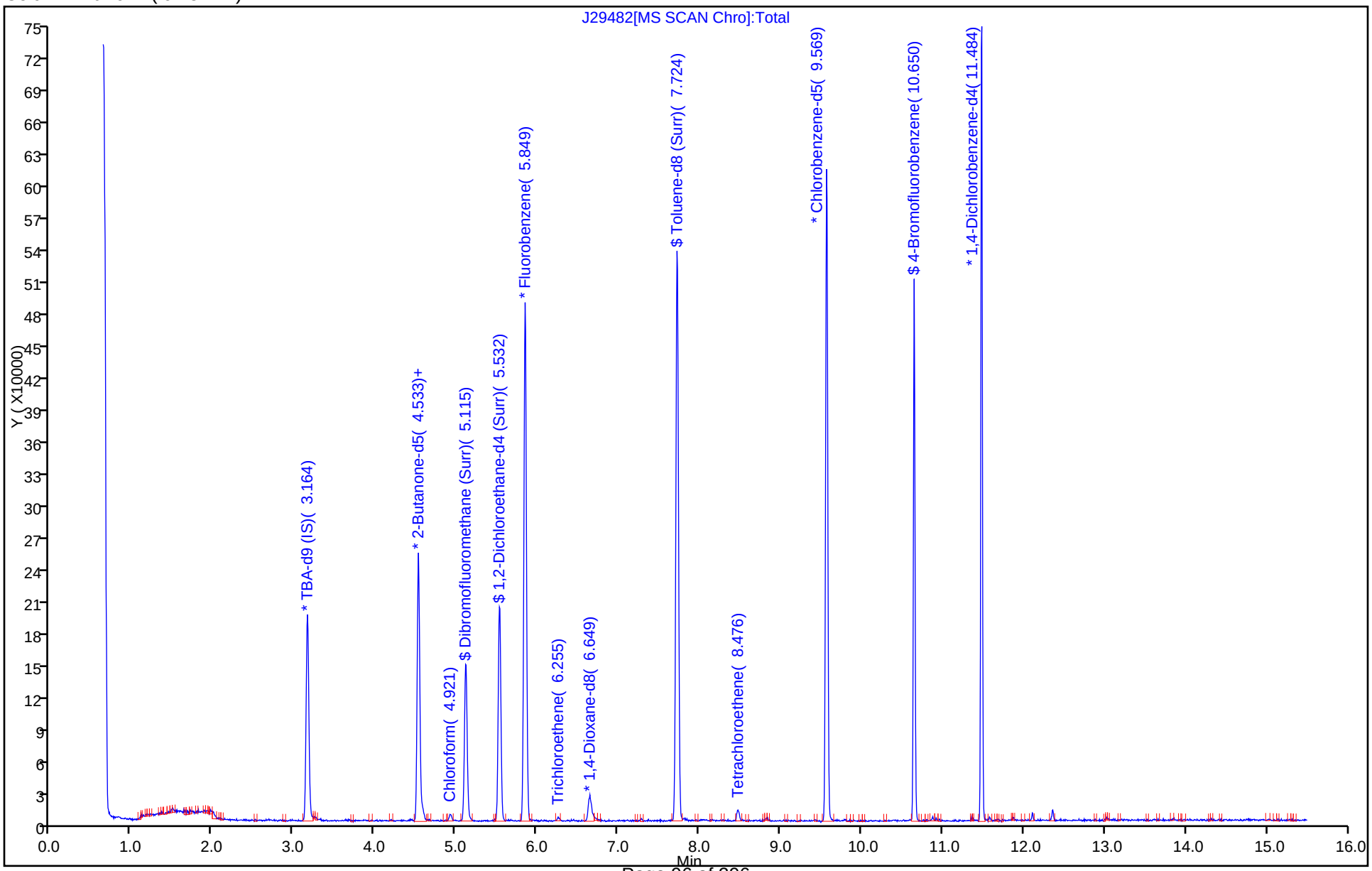
Report Date: 30-Jul-2015 19:48:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29482.D

Injection Date:	30-Jul-2015 18:27:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-2	Lab Sample ID:	460-98572-2	Worklist Smp#:	24
Client ID:	MW-40				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



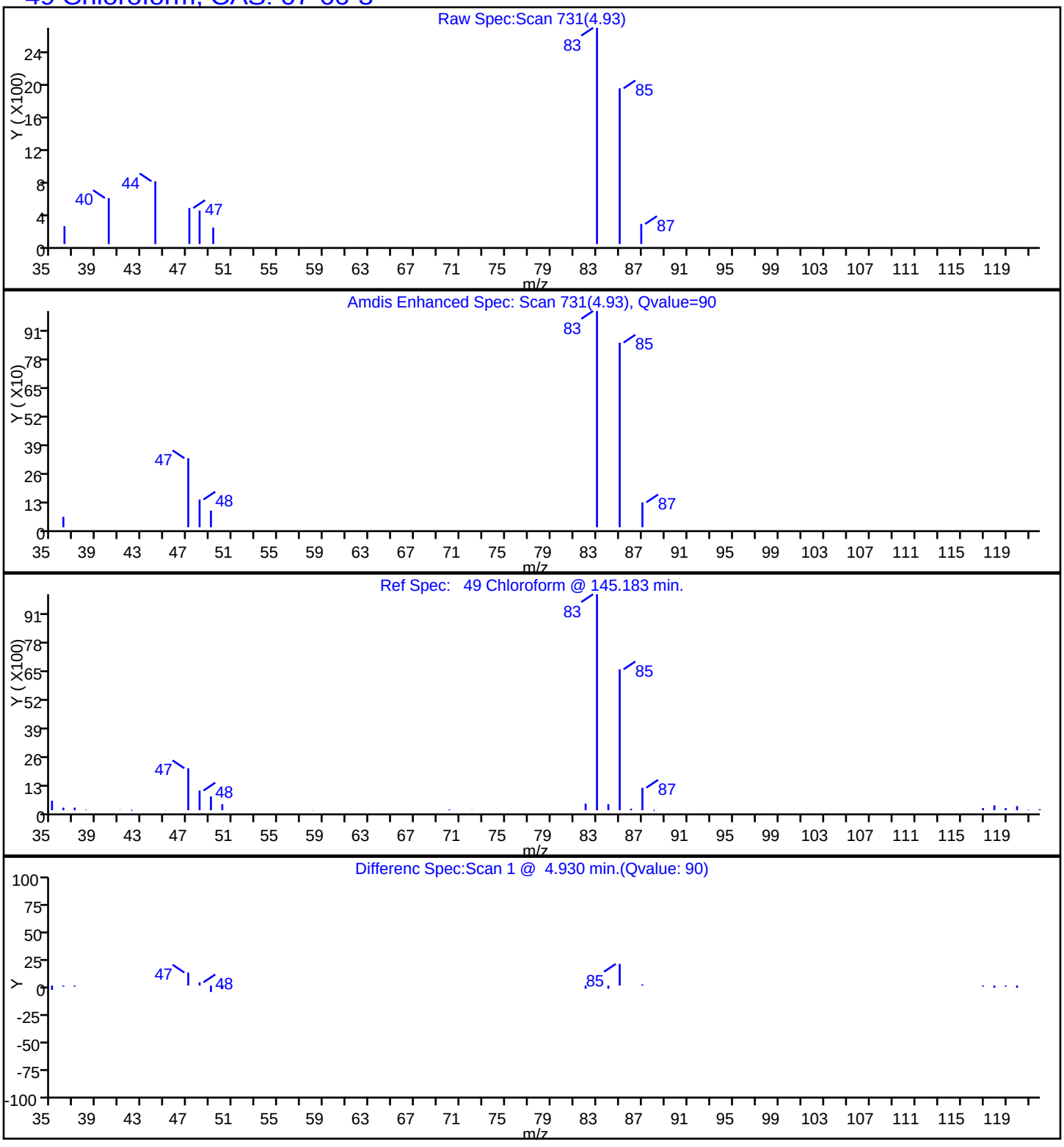
Report Date: 30-Jul-2015 19:48:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29482.D

Injection Date:	30-Jul-2015 18:27:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-2	Lab Sample ID:	460-98572-2		
Client ID:	MW-40				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



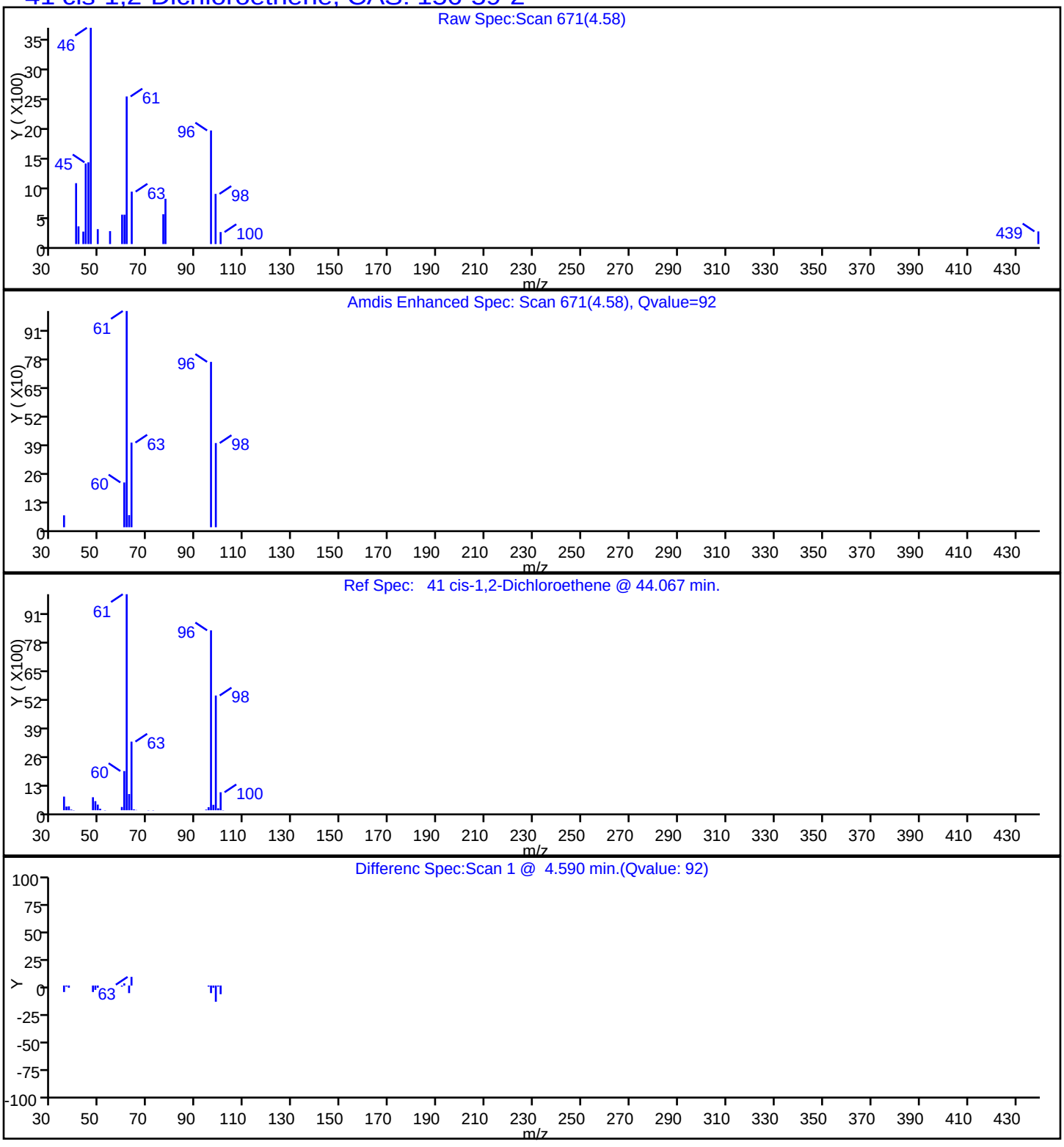
Report Date: 30-Jul-2015 19:48:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29482.D

Injection Date:	30-Jul-2015 18:27:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-2	Lab Sample ID:	460-98572-2		
Client ID:	MW-40				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



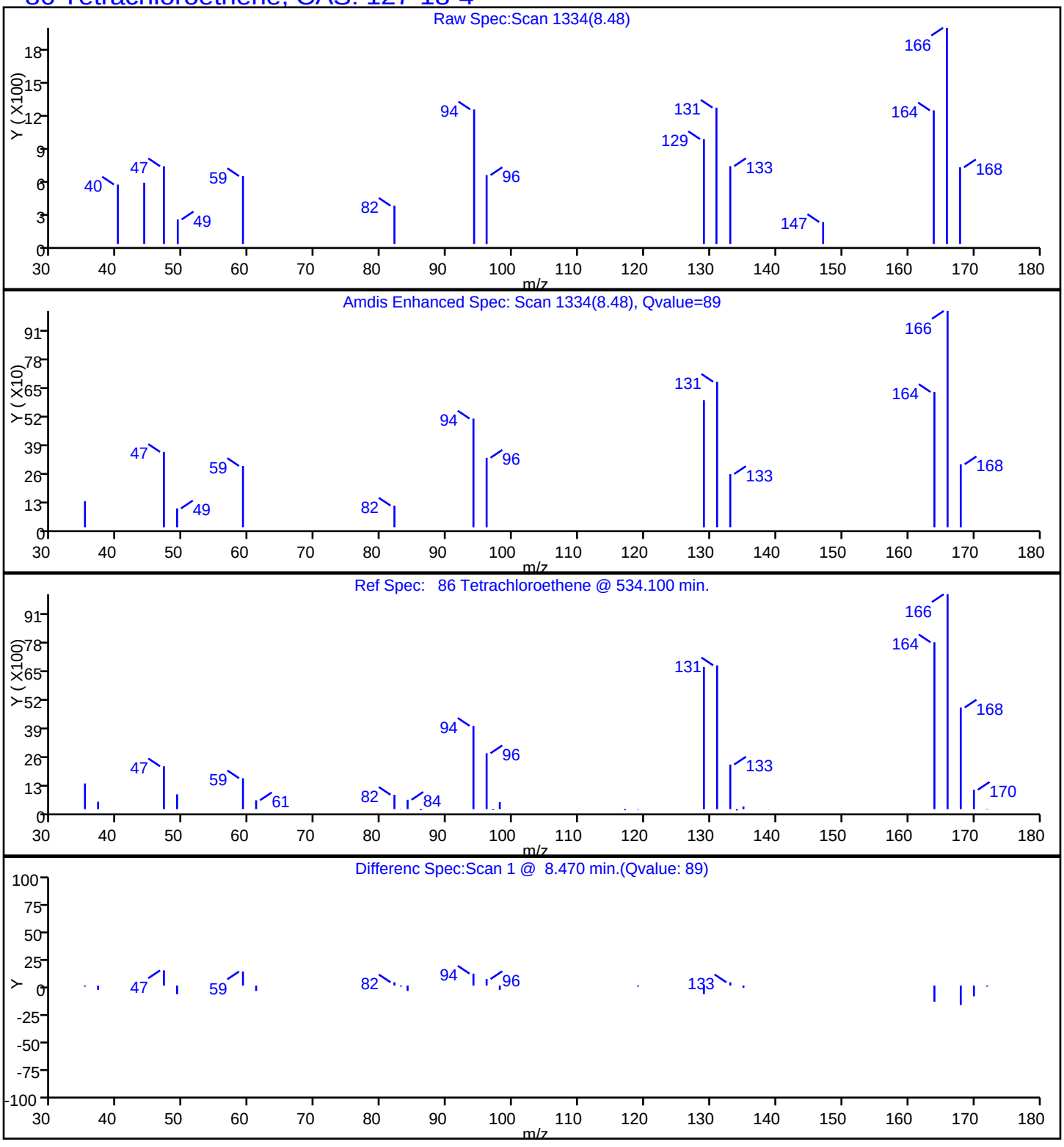
Report Date: 30-Jul-2015 19:48:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29482.D

Injection Date:	30-Jul-2015 18:27:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-2	Lab Sample ID:	460-98572-2		
Client ID:	MW-40				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



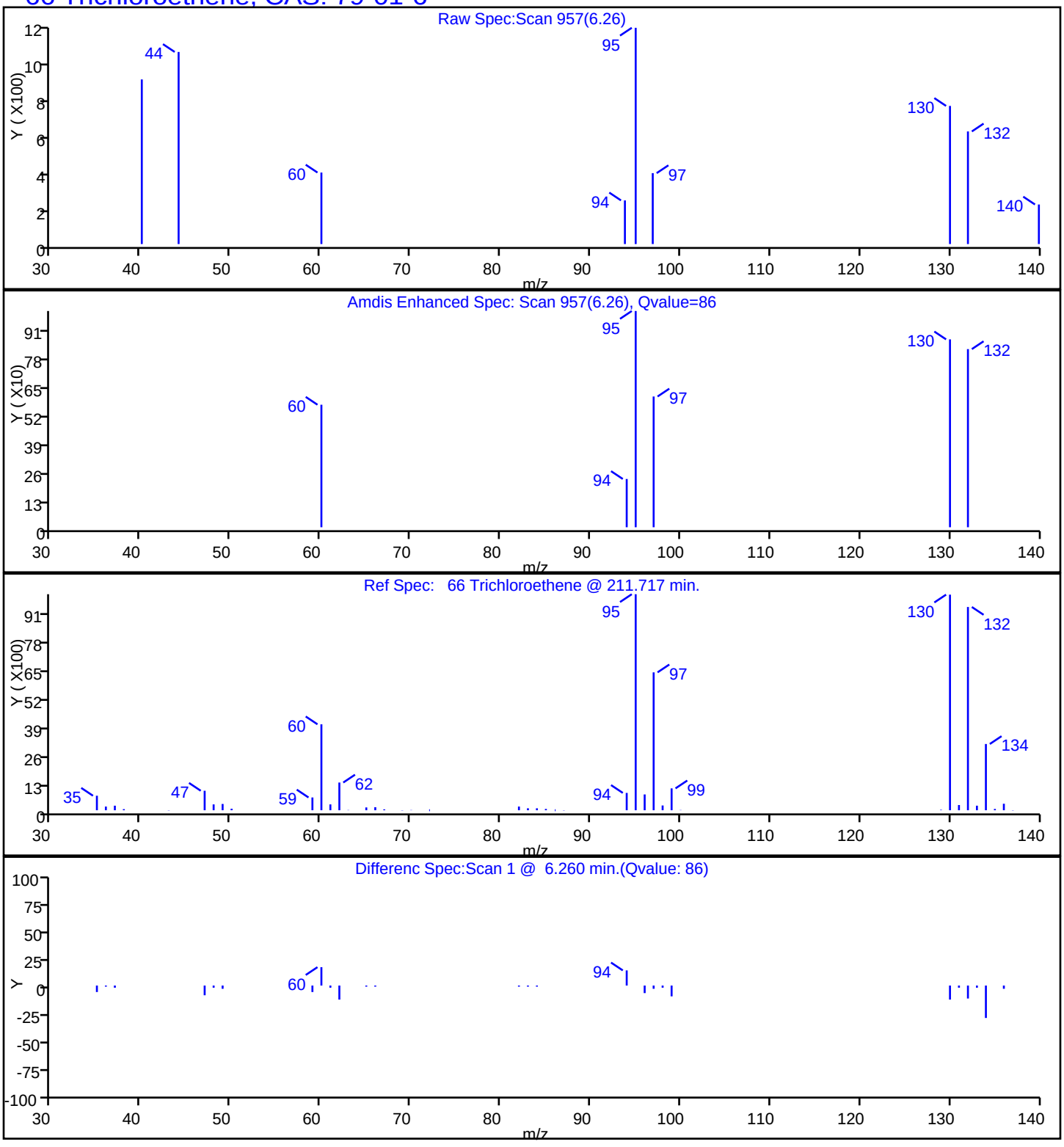
Report Date: 30-Jul-2015 19:48:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29482.D

Injection Date:	30-Jul-2015 18:27:30	Instrument ID:	CVOAMS8
Lims ID:	460-98572-B-2	Lab Sample ID:	460-98572-2
Client ID:	MW-40		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

66 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-17 | Lab Sample ID: 460-98572-3

Matrix: Water | Lab File ID: J29483.D

Analysis Method: 8260C | Date Collected: 07/22/2015 12:23

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-17 | Lab Sample ID: 460-98572-3

Matrix: Water | Lab File ID: J29483.D

Analysis Method: 8260C | Date Collected: 07/22/2015 12:23

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	0.41	J	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-17 Lab Sample ID: 460-98572-3

Matrix: Water Lab File ID: J29483.D

Analysis Method: 8260C Date Collected: 07/22/2015 12:23

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 18:53

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29483.D
Lims ID: 460-98572-B-3 Lab Sample ID: 460-98572-3
Client ID: MW-17
Sample Type: Client
Inject. Date: 30-Jul-2015 18:53:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-3
Misc. Info.: 460-0030221-025
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 23:02:11 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: starzecm Date: 30-Jul-2015 21:26:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Vinyl chloride	62	1.210	1.225	-0.015	22	1808	0.4078	
* 26 TBA-d9 (IS)	65	3.161	3.170	-0.010	81	231240	1000.0	
* 39 2-Butanone-d5	46	4.529	4.533	-0.004	84	338172	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.114	0.003	94	105191	49.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.537	-0.003	97	159973	55.7	
* 63 Fluorobenzene	96	5.851	5.849	0.002	97	466618	50.0	
* 70 1,4-Dioxane-d8	96	6.651	6.648	0.003	90	25235	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	98	431930	49.2	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	92	331101	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.655	-0.003	81	98797	45.2	
* 120 1,4-Dichlorobenzene-d4	152	11.480	11.495	-0.015	98	147574	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

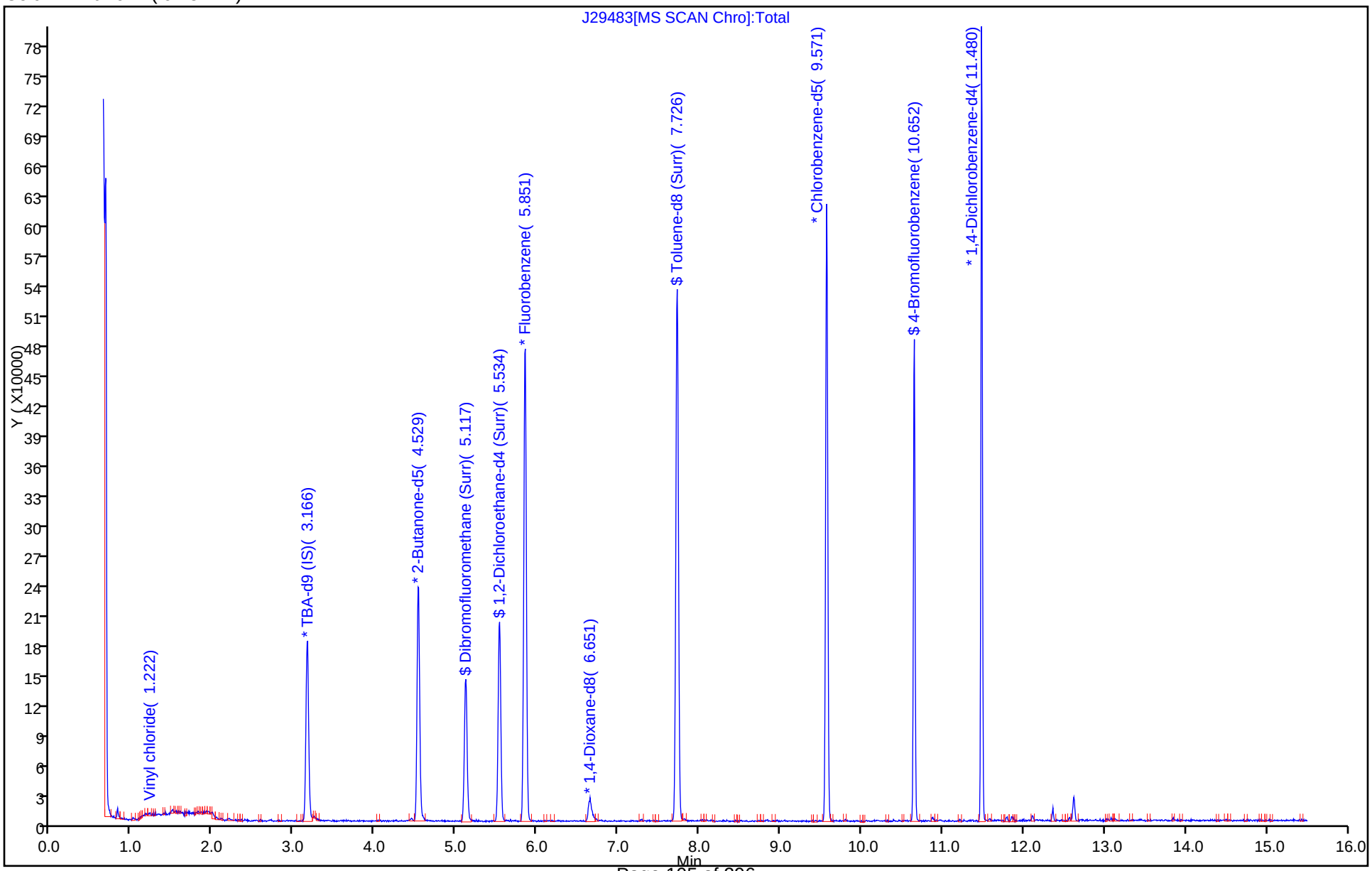
Report Date: 30-Jul-2015 23:02:50 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29483.D

Injection Date:	30-Jul-2015 18:53:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-3	Lab Sample ID:	460-98572-3	Worklist Smp#:	25
Client ID:	MW-17				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



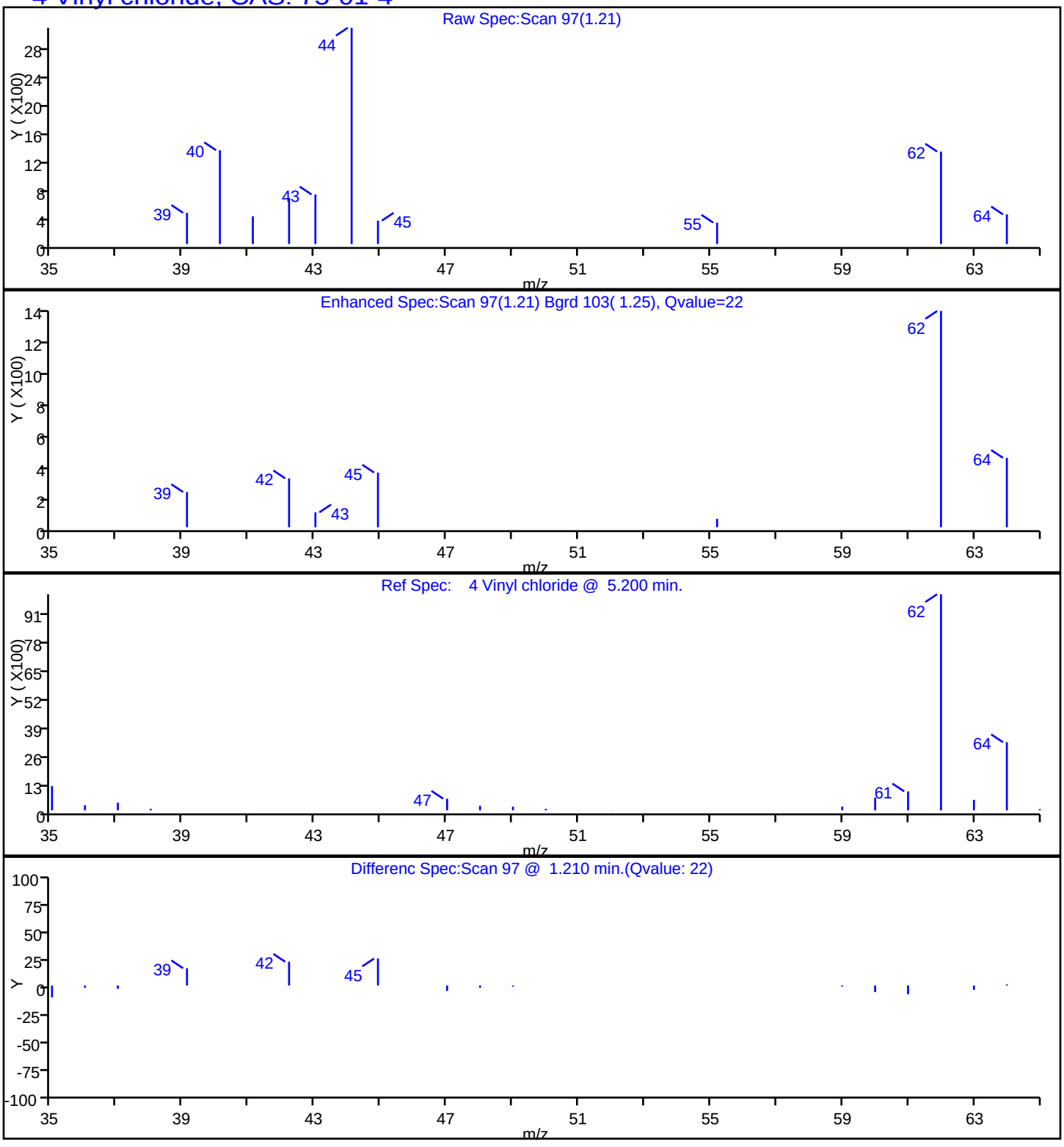
Report Date: 30-Jul-2015 23:02:50 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29483.D

Injection Date:	30-Jul-2015 18:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-3	Lab Sample ID:	460-98572-3		
Client ID:	MW-17				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-46 | Lab Sample ID: 460-98572-4

Matrix: Water | Lab File ID: J29503.D

Analysis Method: 8260C | Date Collected: 07/22/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 03:54

Soil Aliquot Vol: | Dilution Factor: 5

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.4
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.95
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.7
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.40
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.2
75-35-4	1,1-Dichloroethene	5.0	U	5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.4
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.2
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
107-06-2	1,2-Dichloroethane	5.0	U	5.0	1.3
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.90
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	3.8	J	5.0	1.7
123-91-1	1,4-Dioxane	250	U	250	44
78-93-3	2-Butanone (MEK)	25	U	25	11
591-78-6	2-Hexanone	25	U	25	3.6
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U	25	3.2
67-64-1	Acetone	25	U	25	5.4
71-43-2	Benzene	5.0	U	5.0	0.45
75-25-2	Bromoform	5.0	U	5.0	0.90
74-83-9	Bromomethane	5.0	U	5.0	0.90
75-15-0	Carbon disulfide	5.0	U	5.0	1.1
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.7
108-90-7	Chlorobenzene	5.0	U	5.0	1.2
74-97-5	Chlorobromomethane	5.0	U	5.0	1.5
124-48-1	Chlorodibromomethane	5.0	U	5.0	1.1
75-00-3	Chloroethane	5.0	U	5.0	1.9
67-66-3	Chloroform	5.0	U	5.0	1.1
74-87-3	Chloromethane	5.0	U	5.0	1.1
156-59-2	cis-1,2-Dichloroethene	520		5.0	1.3
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.80
110-82-7	Cyclohexane	5.0	U	5.0	1.3
75-27-4	Dichlorobromomethane	5.0	U	5.0	0.75
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-46 | Lab Sample ID: 460-98572-4

Matrix: Water | Lab File ID: J29503.D

Analysis Method: 8260C | Date Collected: 07/22/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 03:54

Soil Aliquot Vol: | Dilution Factor: 5

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	5.0	U	5.0	1.5
106-93-4	Ethylene Dibromide	5.0	U	5.0	0.95
98-82-8	Isopropylbenzene	5.0	U	5.0	1.6
79-20-9	Methyl acetate	25	U	25	2.9
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.65
108-87-2	Methylcyclohexane	5.0	U	5.0	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	1.1
179601-23-1	m-Xylene & p-Xylene	5.0	U	5.0	1.4
95-47-6	o-Xylene	5.0	U	5.0	1.6
100-42-5	Styrene	5.0	U	5.0	0.85
127-18-4	Tetrachloroethene	2300		5.0	0.60
108-88-3	Toluene	5.0	U	5.0	1.3
156-60-5	trans-1,2-Dichloroethene	6.3		5.0	0.90
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.95
79-01-6	Trichloroethene	360		5.0	1.1
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.75
75-01-4	Vinyl chloride	0.52	J	5.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-46 Lab Sample ID: 460-98572-4

Matrix: Water Lab File ID: J29503.D

Analysis Method: 8260C Date Collected: 07/22/2015 13:42

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 03:54

Soil Aliquot Vol: Dilution Factor: 5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313792 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D
Lims ID: 460-98572-B-4 Lab Sample ID: 460-98572-4
Client ID: MW-46
Sample Type: Client
Inject. Date: 31-Jul-2015 03:54:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 460-98572-B-4
Misc. Info.: 460-0030251-017
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 10:19:41 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: moroneyc Date: 31-Jul-2015 09:17:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Vinyl chloride	62	1.220	1.219	0.001	4	450	0.1046	
* 26 TBA-d9 (IS)	65	3.159	3.161	-0.002	81	229546	1000.0	
30 trans-1,2-Dichloroethene	96	3.429	3.440	-0.011	89	3966	1.25	
* 39 2-Butanone-d5	46	4.534	4.530	0.004	85	331757	250.0	
41 cis-1,2-Dichloroethene	96	4.586	4.591	-0.005	92	361587	104.0	
$ 52 Dibromofluoromethane (Surr	113	5.121	5.117	0.004	95	104560	50.4	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	97	160212	57.5	
* 63 Fluorobenzene	96	5.850	5.852	-0.002	97	452696	50.0	
66 Trichloroethene	95	6.261	6.260	0.001	93	208213	71.3	
* 70 1,4-Dioxane-d8	96	6.649	6.651	-0.002	86	26026	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.726	-0.002	98	425953	48.5	
86 Tetrachloroethene	166	8.476	8.475	0.001	93	1043126	461.0	
* 92 Chlorobenzene-d5	117	9.569	9.571	-0.002	91	331369	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.652	-0.002	81	94318	43.2	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.475	0.003	98	147074	50.0	
121 1,4-Dichlorobenzene	146	11.490	11.495	-0.005	88	3834	0.7658	

Reagents:

8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

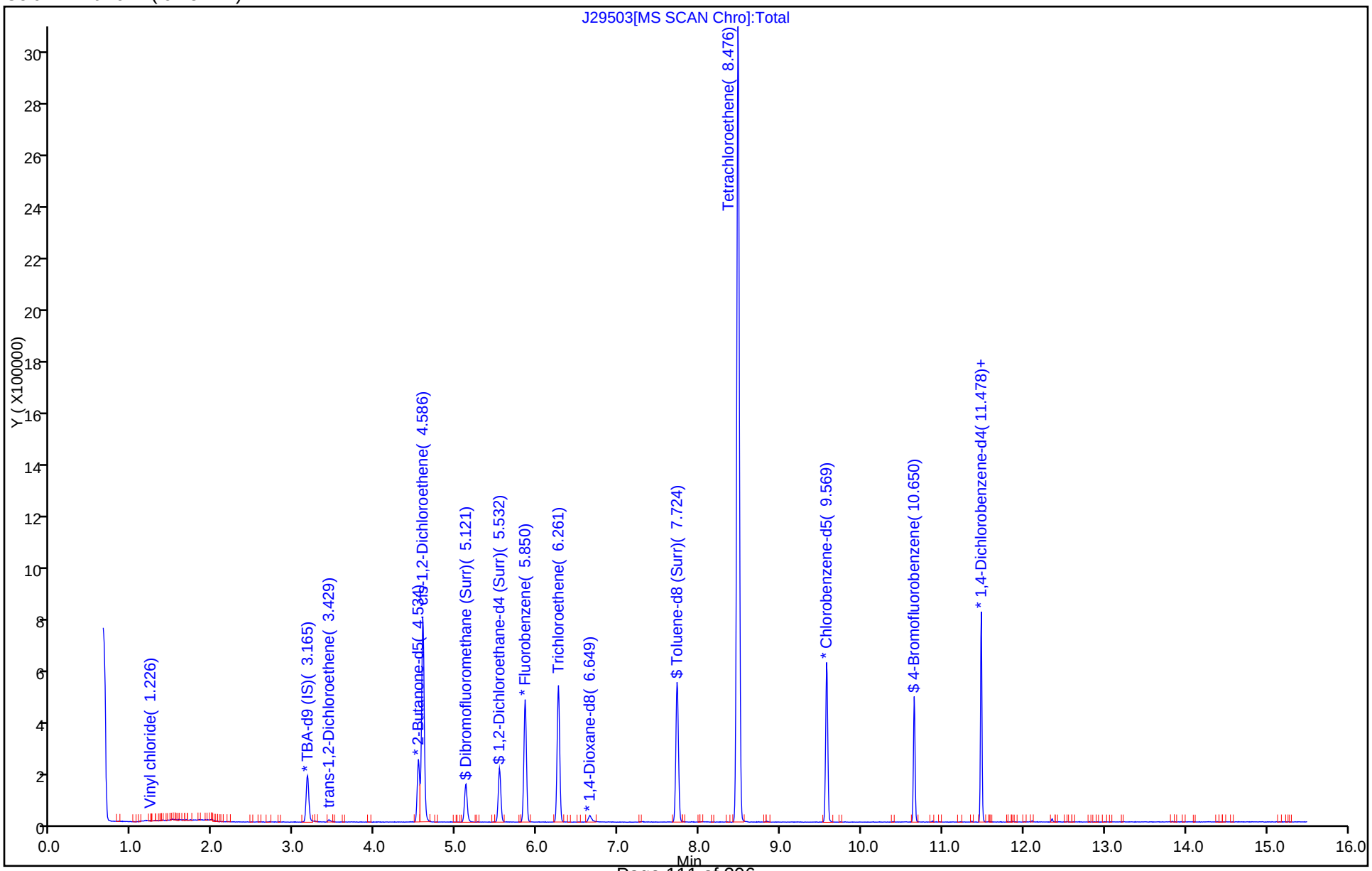
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4	Worklist Smp#:	17
Client ID:	MW-46				
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	16
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



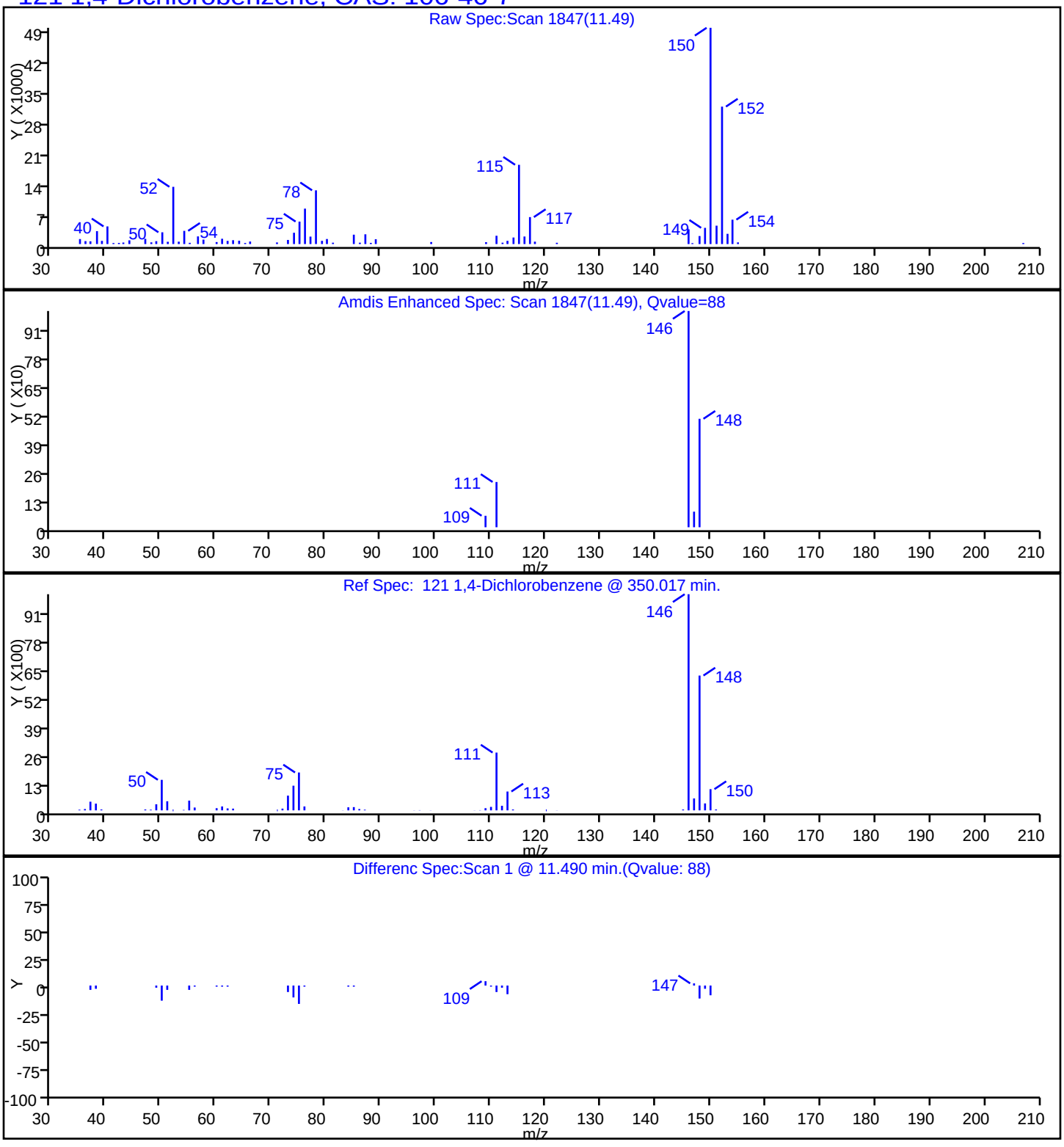
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4		
Client ID:	MW-46				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,4-Dichlorobenzene, CAS: 106-46-7



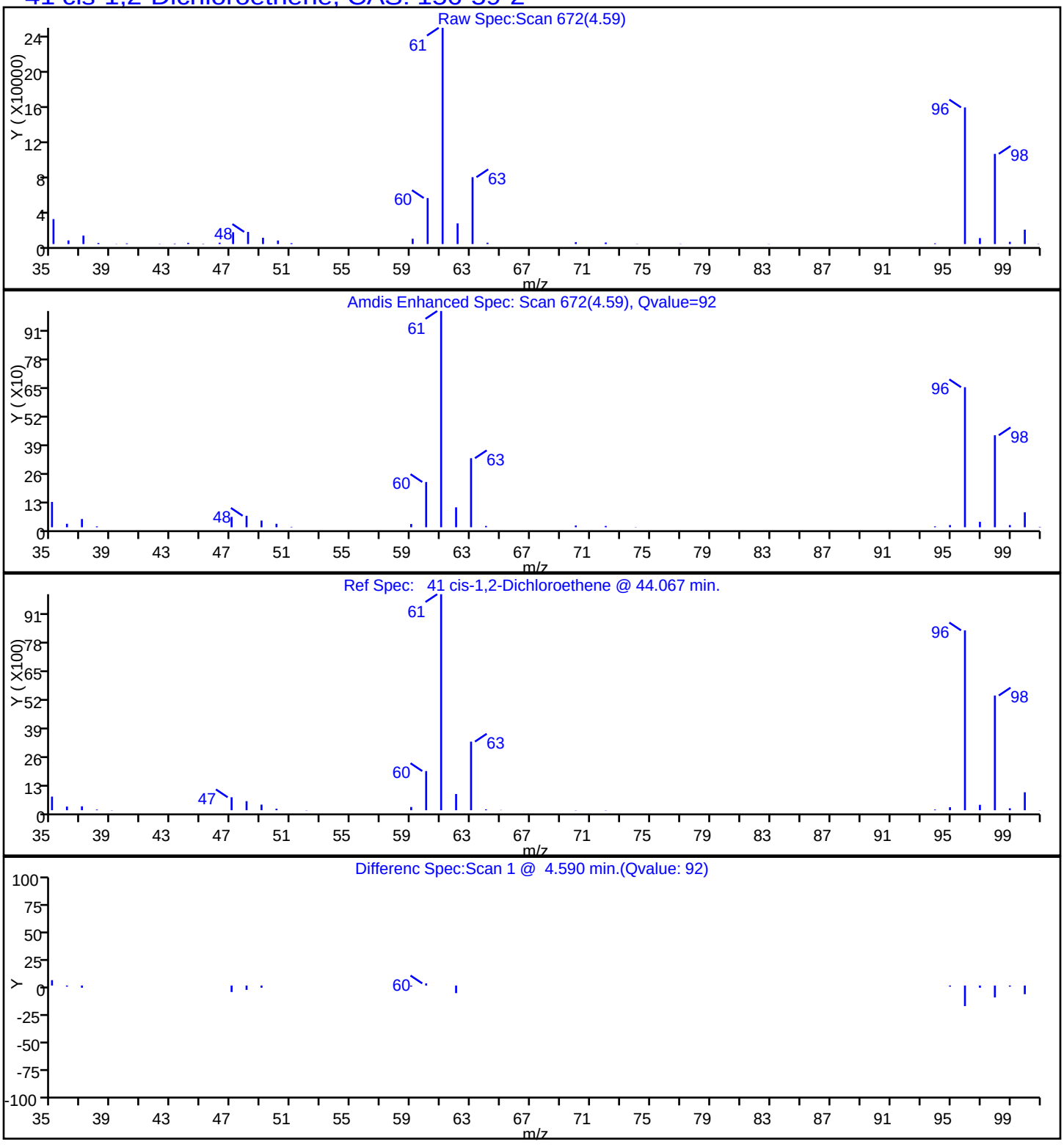
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4		
Client ID:	MW-46				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



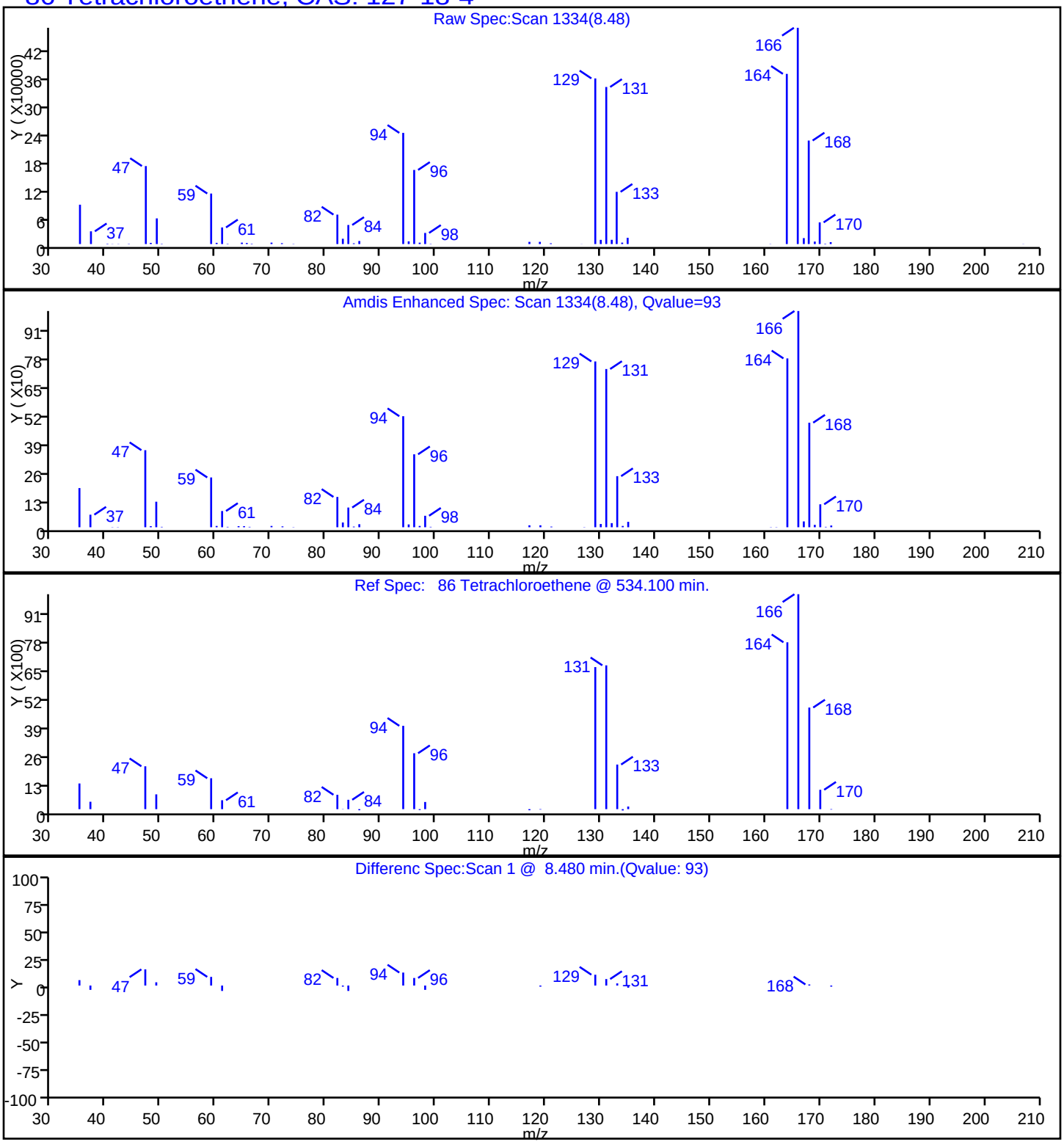
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4
Client ID:	MW-46		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	5.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



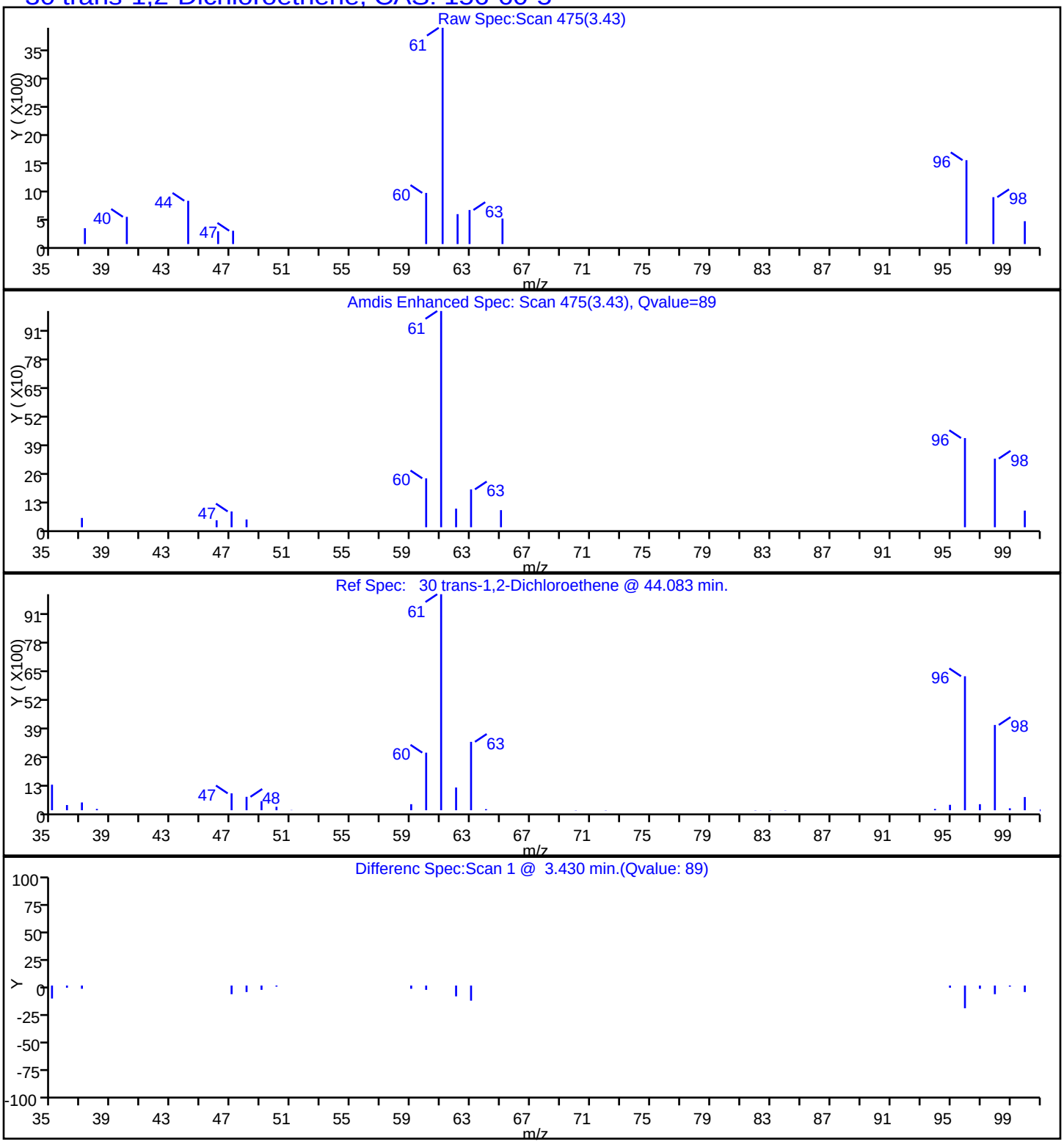
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4
Client ID:	MW-46		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	5.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5



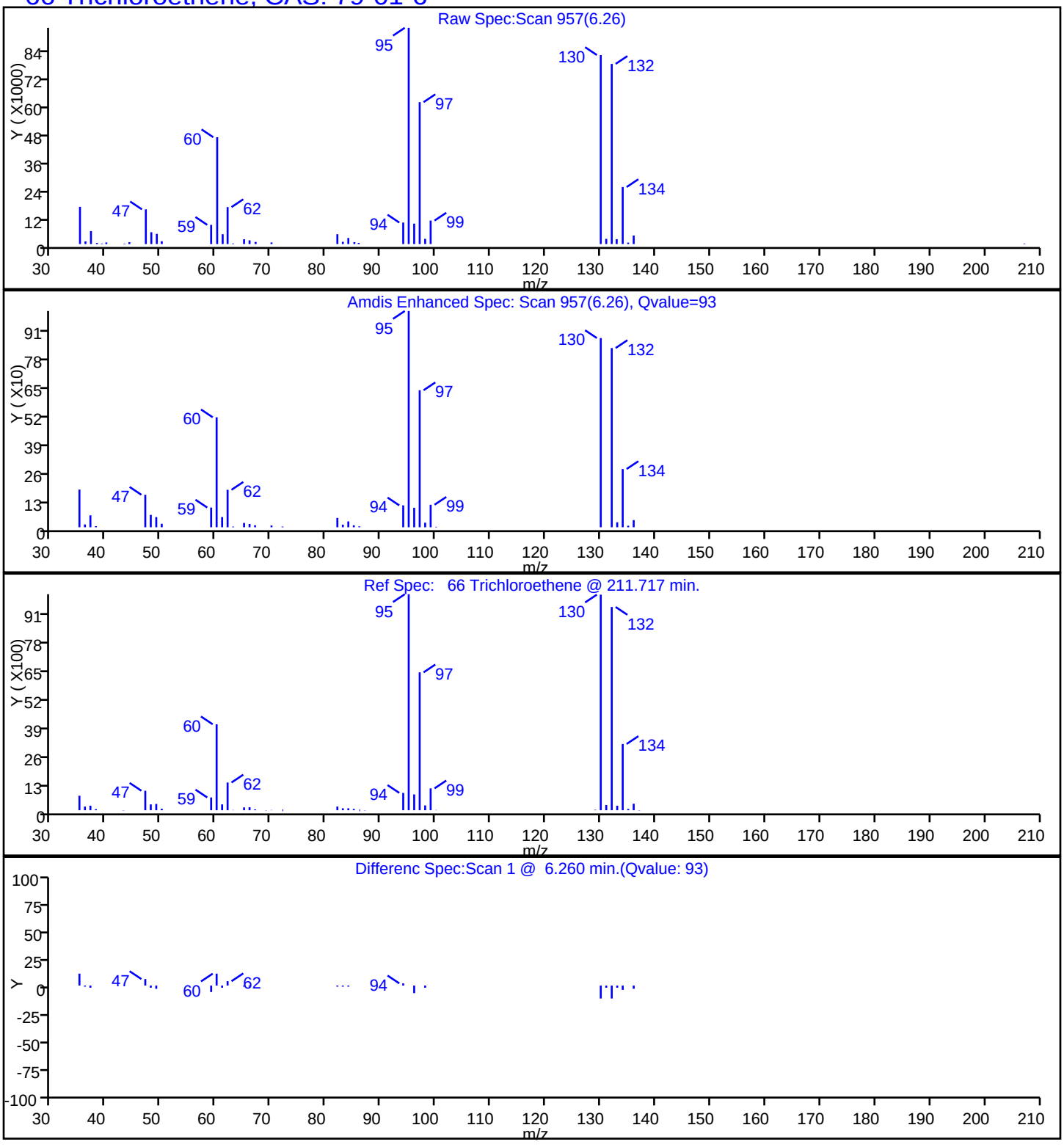
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4
Client ID:	MW-46		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	5.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

66 Trichloroethene, CAS: 79-01-6



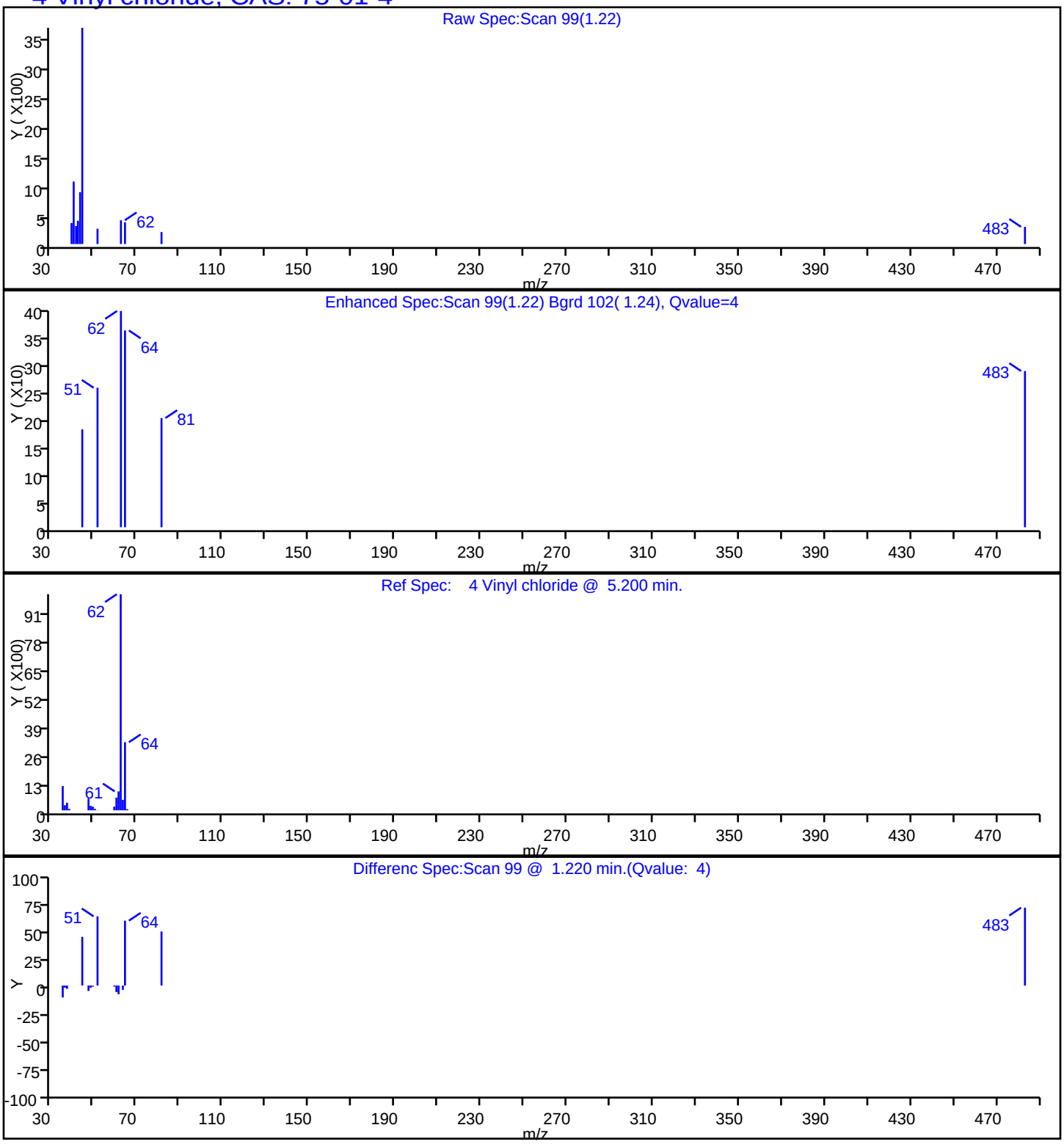
Report Date: 31-Jul-2015 10:19:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29503.D

Injection Date:	31-Jul-2015 03:54:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-4	Lab Sample ID:	460-98572-4		
Client ID:	MW-46				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-3 | Lab Sample ID: 460-98572-5

Matrix: Water | Lab File ID: J29494.D

Analysis Method: 8260C | Date Collected: 07/22/2015 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 00:00

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-3 | Lab Sample ID: 460-98572-5

Matrix: Water | Lab File ID: J29494.D

Analysis Method: 8260C | Date Collected: 07/22/2015 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 00:00

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	3.9		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.56	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-3 Lab Sample ID: 460-98572-5

Matrix: Water Lab File ID: J29494.D

Analysis Method: 8260C Date Collected: 07/22/2015 14:15

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 00:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313792 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29494.D
Lims ID: 460-98572-A-5 Lab Sample ID: 460-98572-5
Client ID: FB-3
Sample Type: Client
Inject. Date: 31-Jul-2015 00:00:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-A-5
Misc. Info.: 460-0030251-008
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 09:31:57 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 31-Jul-2015 09:14:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.161	0.003	85	223099	1000.0	
27 Methylene Chloride	84	3.176	3.175	0.001	95	13376	3.86	
* 39 2-Butanone-d5	46	4.533	4.530	0.003	84	319188	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.117	-0.002	94	103263	48.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	97	161586	56.8	
* 63 Fluorobenzene	96	5.849	5.852	-0.003	97	462113	50.0	
* 70 1,4-Dioxane-d8	96	6.643	6.651	-0.008	87	25009	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.726	-0.002	99	426486	48.0	
* 92 Chlorobenzene-d5	117	9.569	9.571	-0.002	91	335184	50.0	
96 m-Xylene & p-Xylene	106	9.798	9.797	0.001	96	2598	0.5619	
$ 103 4-Bromofluorobenzene	174	10.650	10.652	-0.002	81	97283	44.0	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.475	0.003	97	137735	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

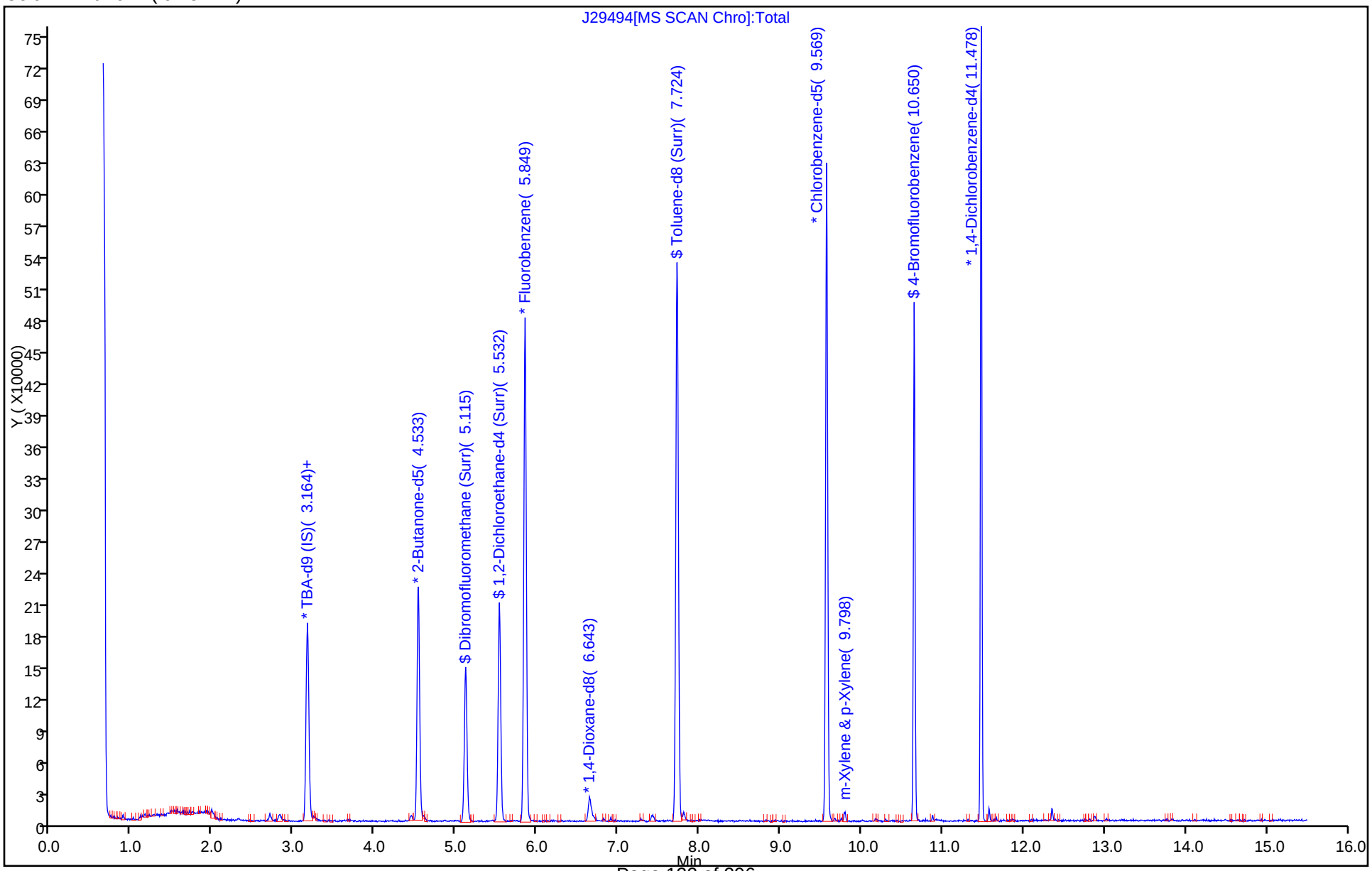
Report Date: 31-Jul-2015 09:32:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29494.D

Injection Date:	31-Jul-2015 00:00:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-A-5	Lab Sample ID:	460-98572-5	Worklist Smp#:	8
Client ID:	FB-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



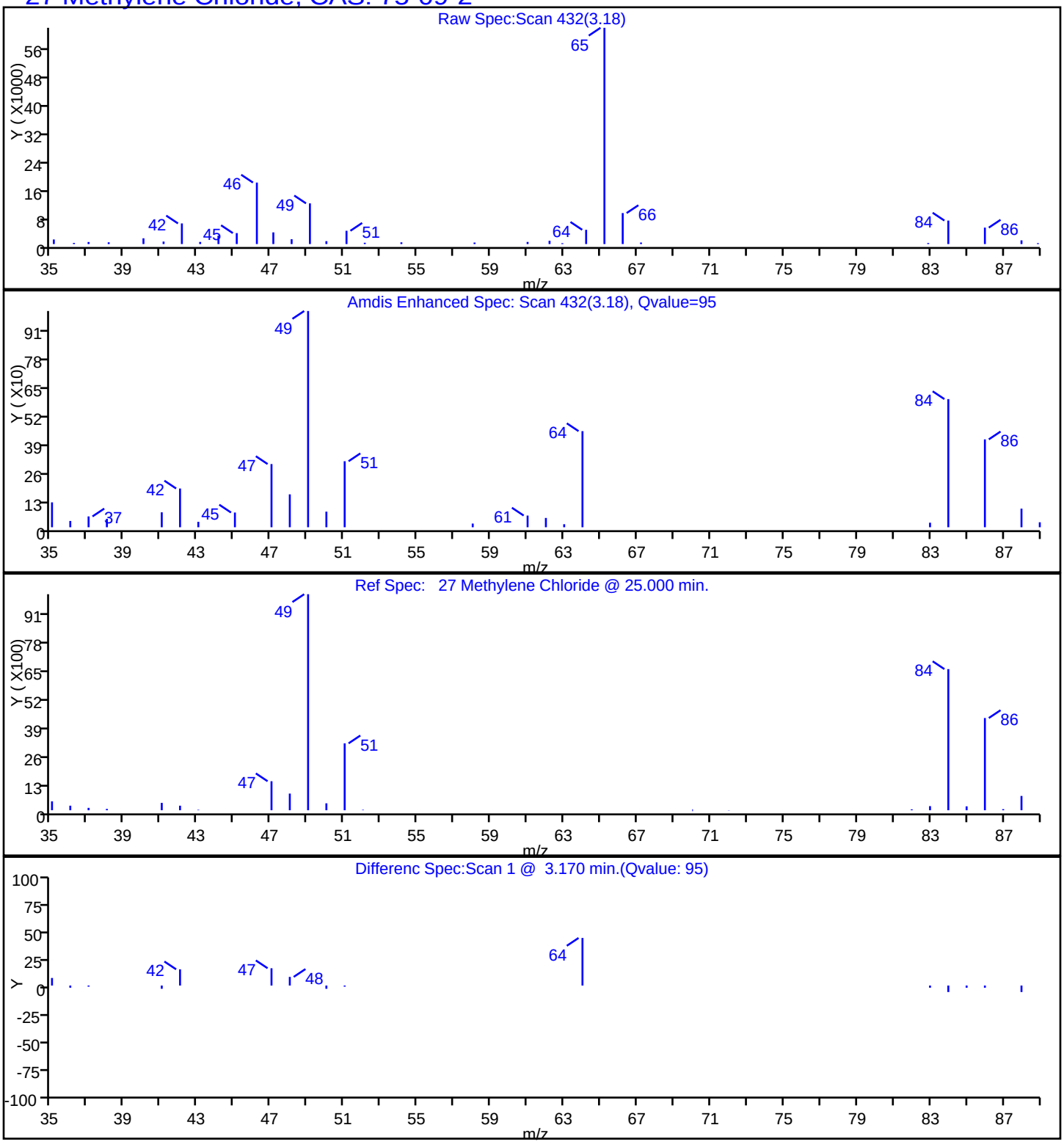
Report Date: 31-Jul-2015 09:32:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29494.D

Injection Date:	31-Jul-2015 00:00:30	Instrument ID:	CVOAMS8
Lims ID:	460-98572-A-5	Lab Sample ID:	460-98572-5
Client ID:	FB-3		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

27 Methylene Chloride, CAS: 75-09-2



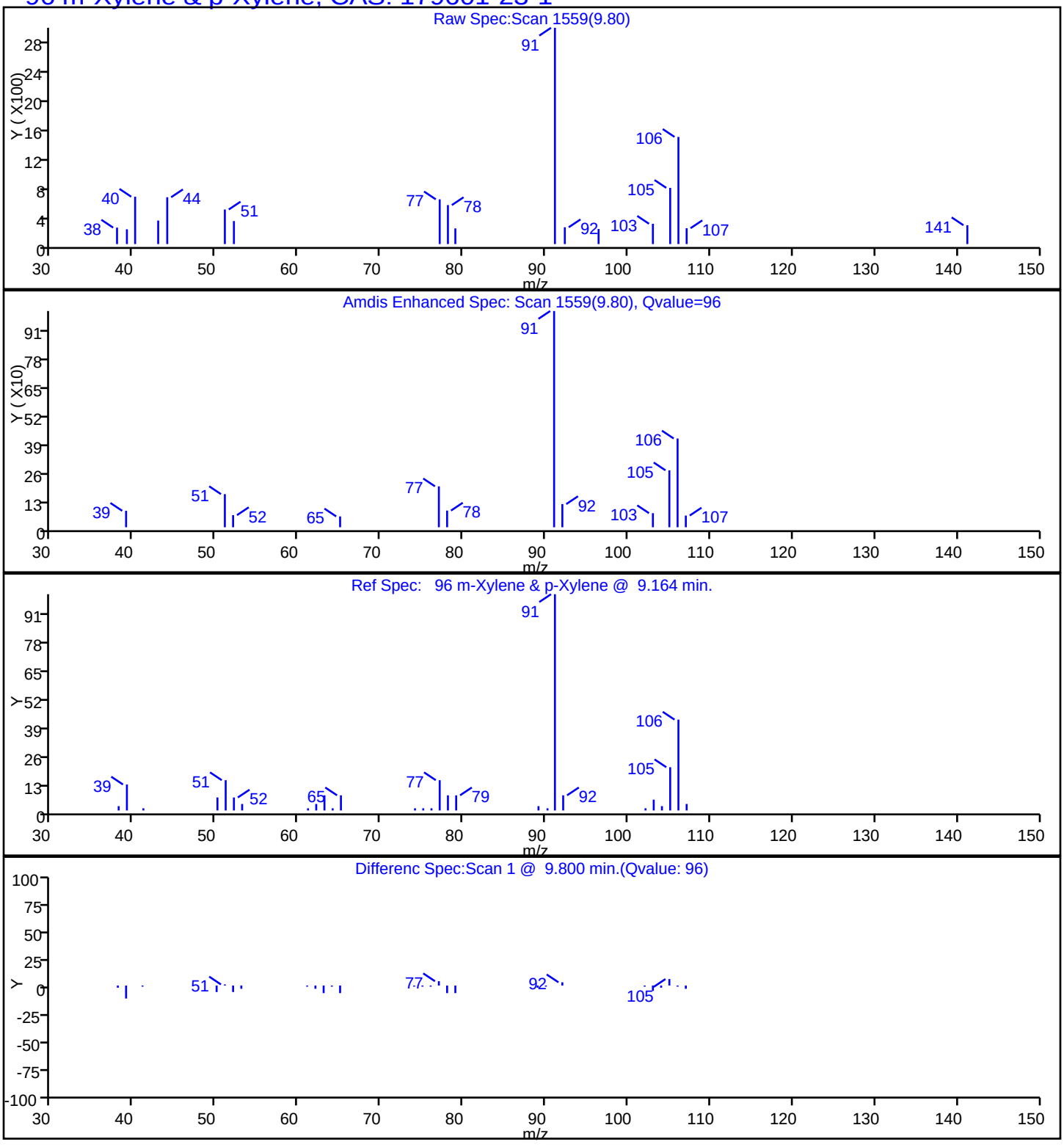
Report Date: 31-Jul-2015 09:32:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29494.D

Injection Date:	31-Jul-2015 00:00:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-A-5	Lab Sample ID:	460-98572-5		
Client ID:	FB-3				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-32 | Lab Sample ID: 460-98572-6

Matrix: Water | Lab File ID: J29484.D

Analysis Method: 8260C | Date Collected: 07/23/2015 09:35

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 19:19

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	0.70	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-32 | Lab Sample ID: 460-98572-6

Matrix: Water | Lab File ID: J29484.D

Analysis Method: 8260C | Date Collected: 07/23/2015 09:35

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 19:19

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-32 Lab Sample ID: 460-98572-6

Matrix: Water Lab File ID: J29484.D

Analysis Method: 8260C Date Collected: 07/23/2015 09:35

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 19:19

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29484.D
Lims ID: 460-98572-B-6 Lab Sample ID: 460-98572-6
Client ID: MW-32
Sample Type: Client
Inject. Date: 30-Jul-2015 19:19:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-6
Misc. Info.: 460-0030221-026
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 21:27:06 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 21:27:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.161	3.170	-0.009	81	225769	1000.0	
* 39 2-Butanone-d5	46	4.530	4.533	-0.003	84	330518	250.0	
41 cis-1,2-Dichloroethene	96	4.577	4.586	-0.009	26	2549	0.7033	
$ 52 Dibromofluoromethane (Surr	113	5.112	5.114	-0.002	95	108605	50.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.529	5.537	-0.008	97	163914	56.5	
* 63 Fluorobenzene	96	5.852	5.849	0.003	97	471989	50.0	
* 70 1,4-Dioxane-d8	96	6.651	6.648	0.003	86	24644	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.727	7.723	0.003	98	430292	47.9	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	90	338952	50.0	
$ 103 4-Bromofluorobenzene	174	10.653	10.655	-0.003	81	98518	44.1	
* 120 1,4-Dichlorobenzene-d4	152	11.487	11.495	-0.008	98	142719	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

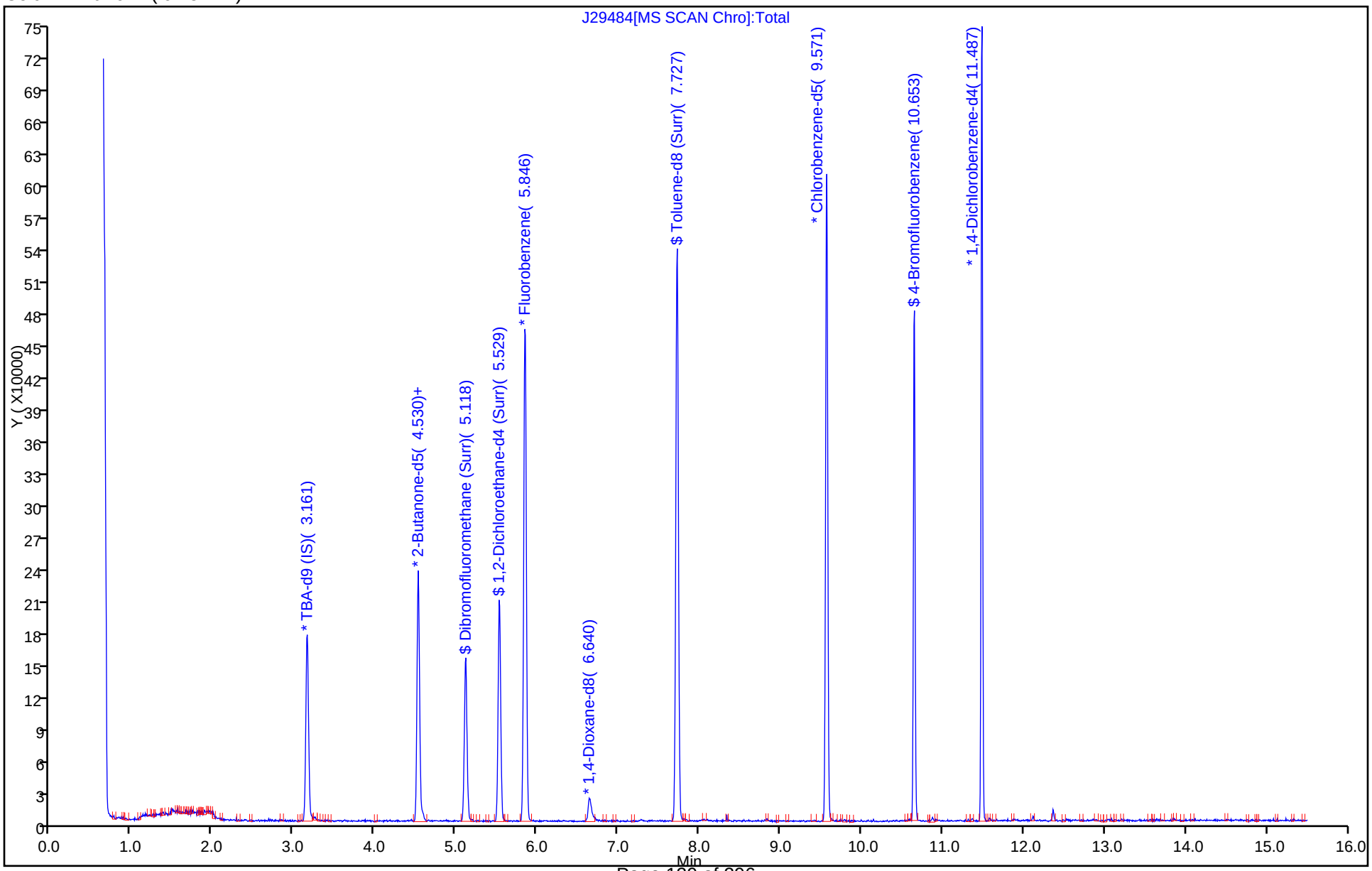
Report Date: 30-Jul-2015 21:27:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29484.D

Injection Date:	30-Jul-2015 19:19:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-6	Lab Sample ID:	460-98572-6	Worklist Smp#:	26
Client ID:	MW-32				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



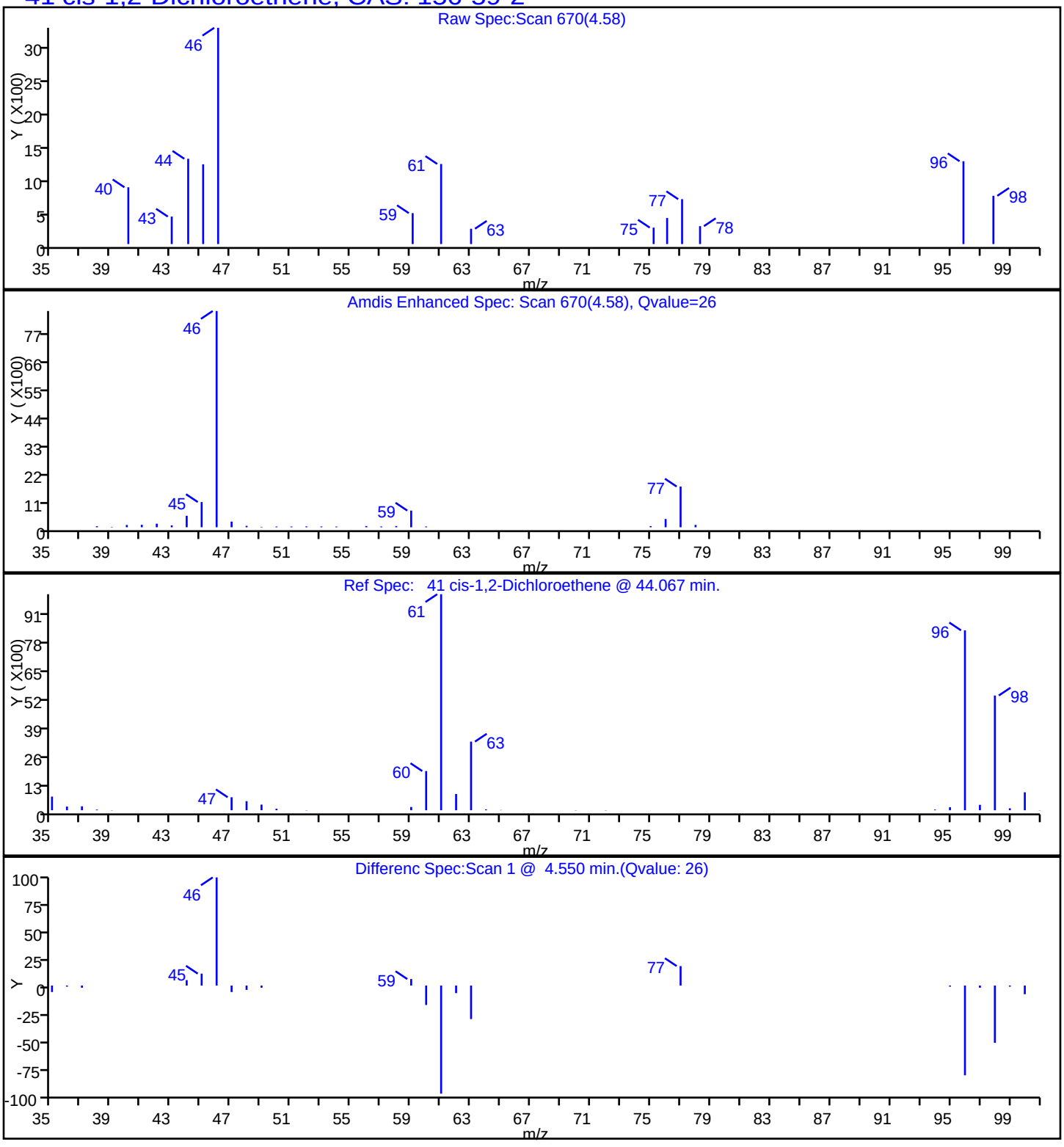
Report Date: 30-Jul-2015 21:27:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29484.D

Injection Date:	30-Jul-2015 19:19:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-6	Lab Sample ID:	460-98572-6		
Client ID:	MW-32				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-31 | Lab Sample ID: 460-98572-7

Matrix: Water | Lab File ID: J29485.D

Analysis Method: 8260C | Date Collected: 07/23/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 19:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	7.1		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-31 | Lab Sample ID: 460-98572-7

Matrix: Water | Lab File ID: J29485.D

Analysis Method: 8260C | Date Collected: 07/23/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 19:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.89	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	0.54	J	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	2.1		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.2		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-31 Lab Sample ID: 460-98572-7

Matrix: Water Lab File ID: J29485.D

Analysis Method: 8260C Date Collected: 07/23/2015 13:42

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 19:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D
Lims ID: 460-98572-B-7 Lab Sample ID: 460-98572-7
Client ID: MW-31
Sample Type: Client
Inject. Date: 30-Jul-2015 19:45:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-7
Misc. Info.: 460-0030221-027
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 21:27:49 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 21:27:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Vinyl chloride	62	1.214	1.225	-0.011	97	5226	1.18	
* 26 TBA-d9 (IS)	65	3.159	3.170	-0.011	82	227633	1000.0	
30 trans-1,2-Dichloroethene	96	3.417	3.428	-0.011	93	1769	0.5431	
* 39 2-Butanone-d5	46	4.534	4.533	0.001	84	342968	250.0	
41 cis-1,2-Dichloroethene	96	4.593	4.586	0.007	92	25361	7.09	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.114	0.001	94	108859	51.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.533	5.537	-0.004	97	159928	55.8	
* 63 Fluorobenzene	96	5.850	5.849	0.001	97	465520	50.0	
66 Trichloroethene	95	6.255	6.260	-0.005	92	6215	2.07	
* 70 1,4-Dioxane-d8	96	6.643	6.648	-0.005	88	25239	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.723	0.001	98	429197	47.5	
86 Tetrachloroethene	166	8.476	8.487	-0.011	84	2064	0.8862	
* 92 Chlorobenzene-d5	117	9.575	9.568	0.007	91	341077	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.655	-0.005	82	98777	43.9	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.495	-0.011	98	144932	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

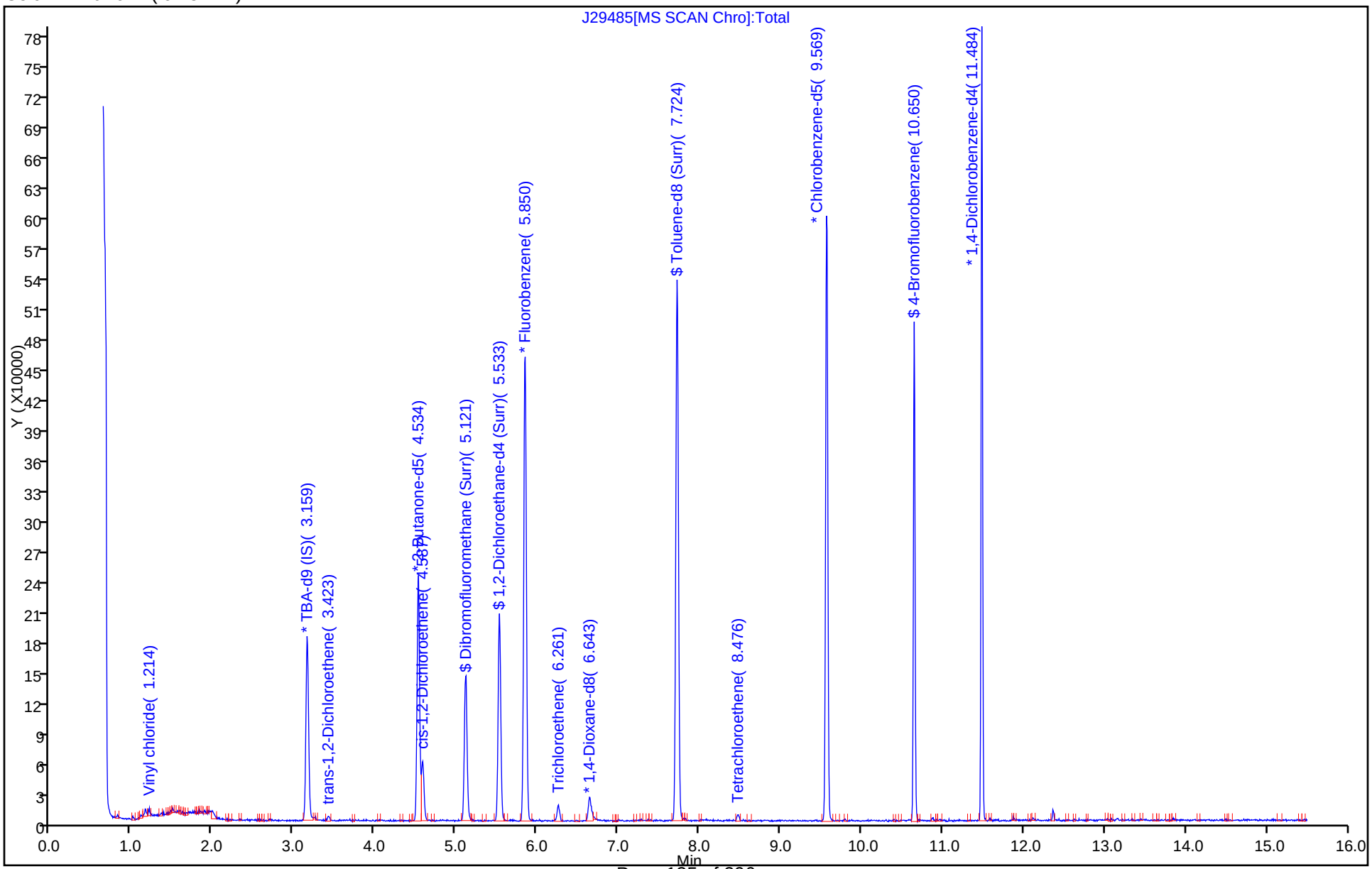
Report Date: 30-Jul-2015 21:27:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D

Injection Date:	30-Jul-2015 19:45:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-7	Lab Sample ID:	460-98572-7	Worklist Smp#:	27
Client ID:	MW-31				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



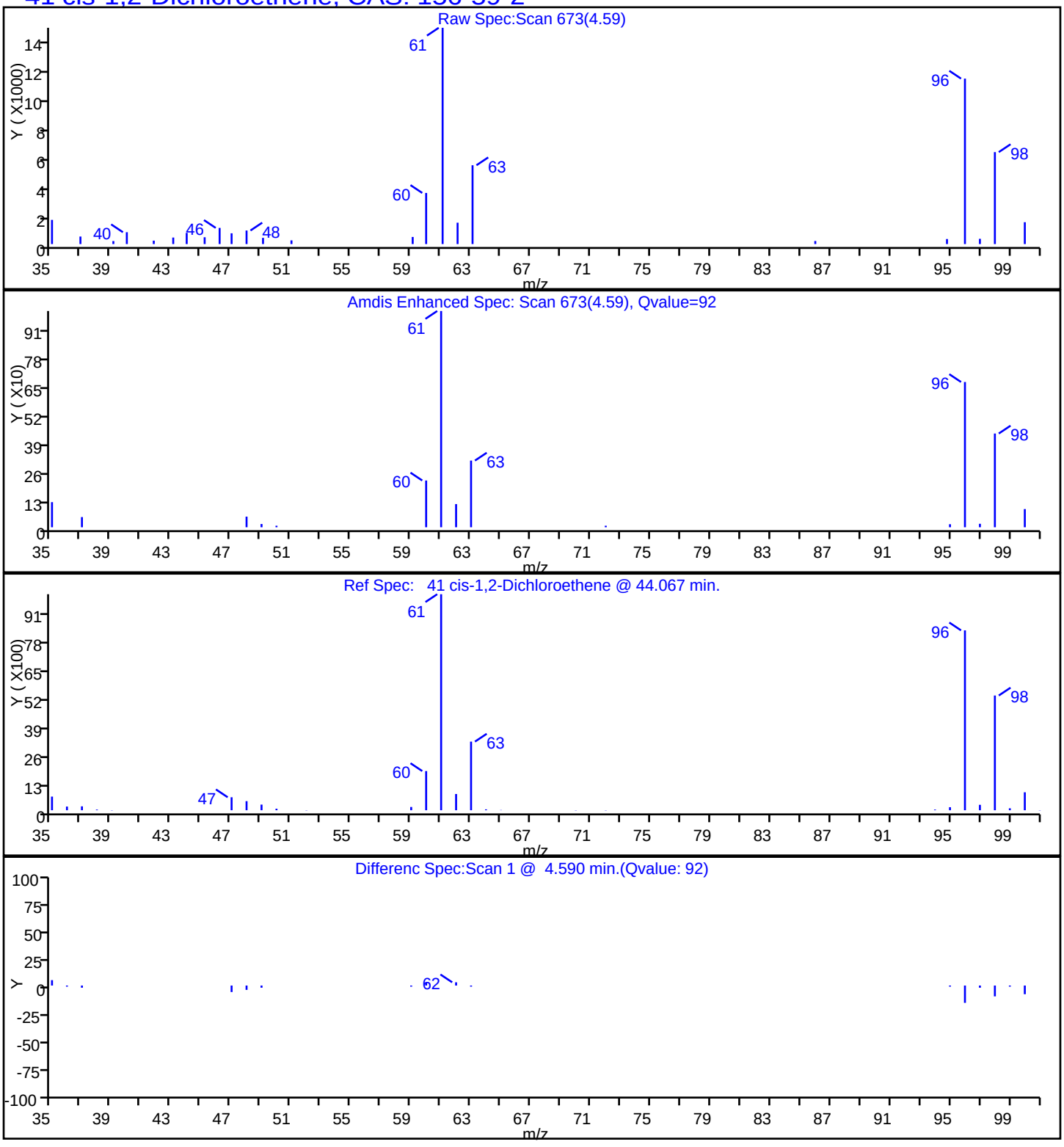
Report Date: 30-Jul-2015 21:27:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D

Injection Date:	30-Jul-2015 19:45:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-7	Lab Sample ID:	460-98572-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



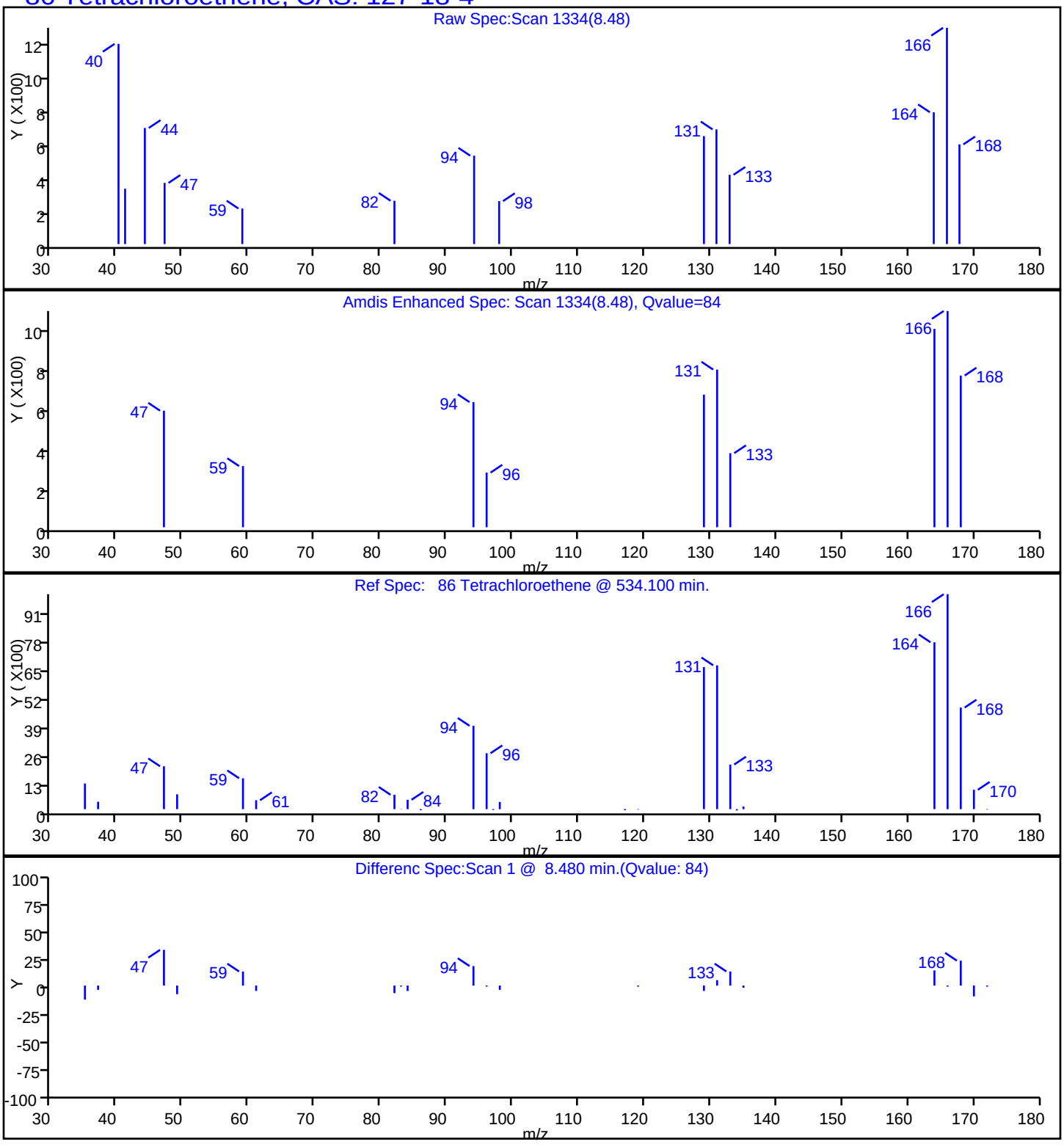
Report Date: 30-Jul-2015 21:27:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D

Injection Date:	30-Jul-2015 19:45:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-7	Lab Sample ID:	460-98572-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



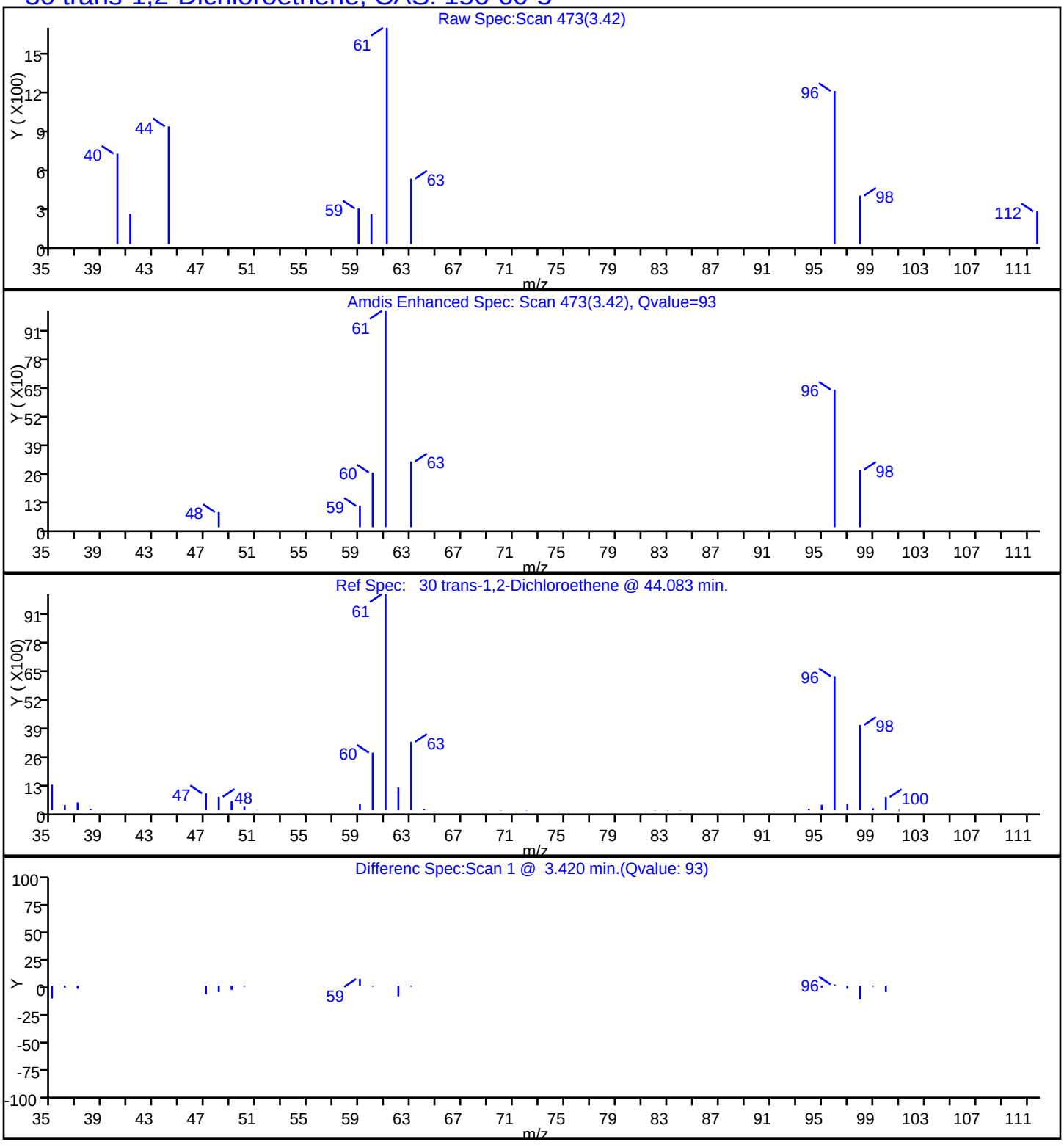
Report Date: 30-Jul-2015 21:27:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D

Injection Date:	30-Jul-2015 19:45:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-7	Lab Sample ID:	460-98572-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5



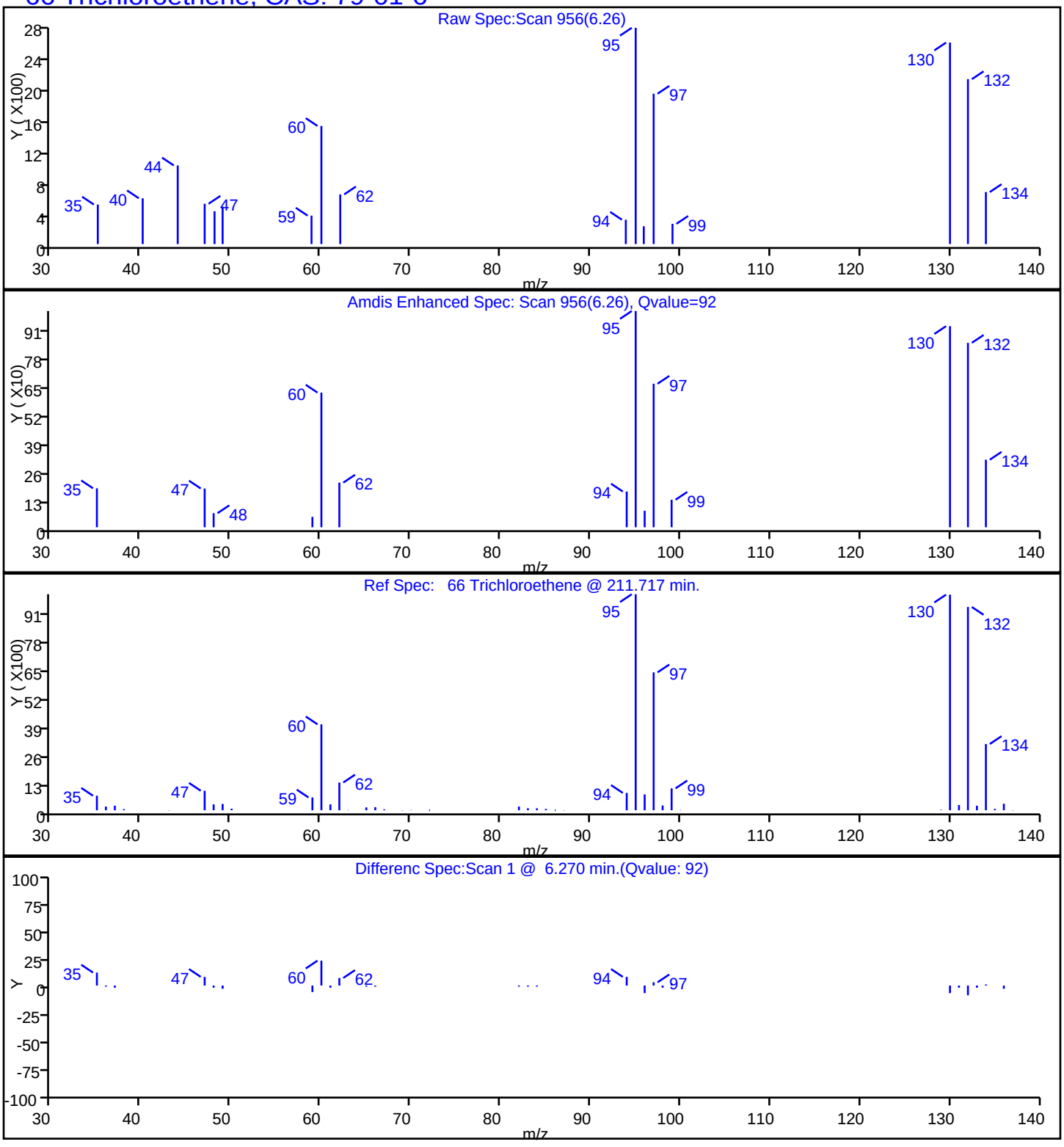
Report Date: 30-Jul-2015 21:27:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D

Injection Date:	30-Jul-2015 19:45:30	Instrument ID:	CVOAMS8
Lims ID:	460-98572-B-7	Lab Sample ID:	460-98572-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

66 Trichloroethene, CAS: 79-01-6



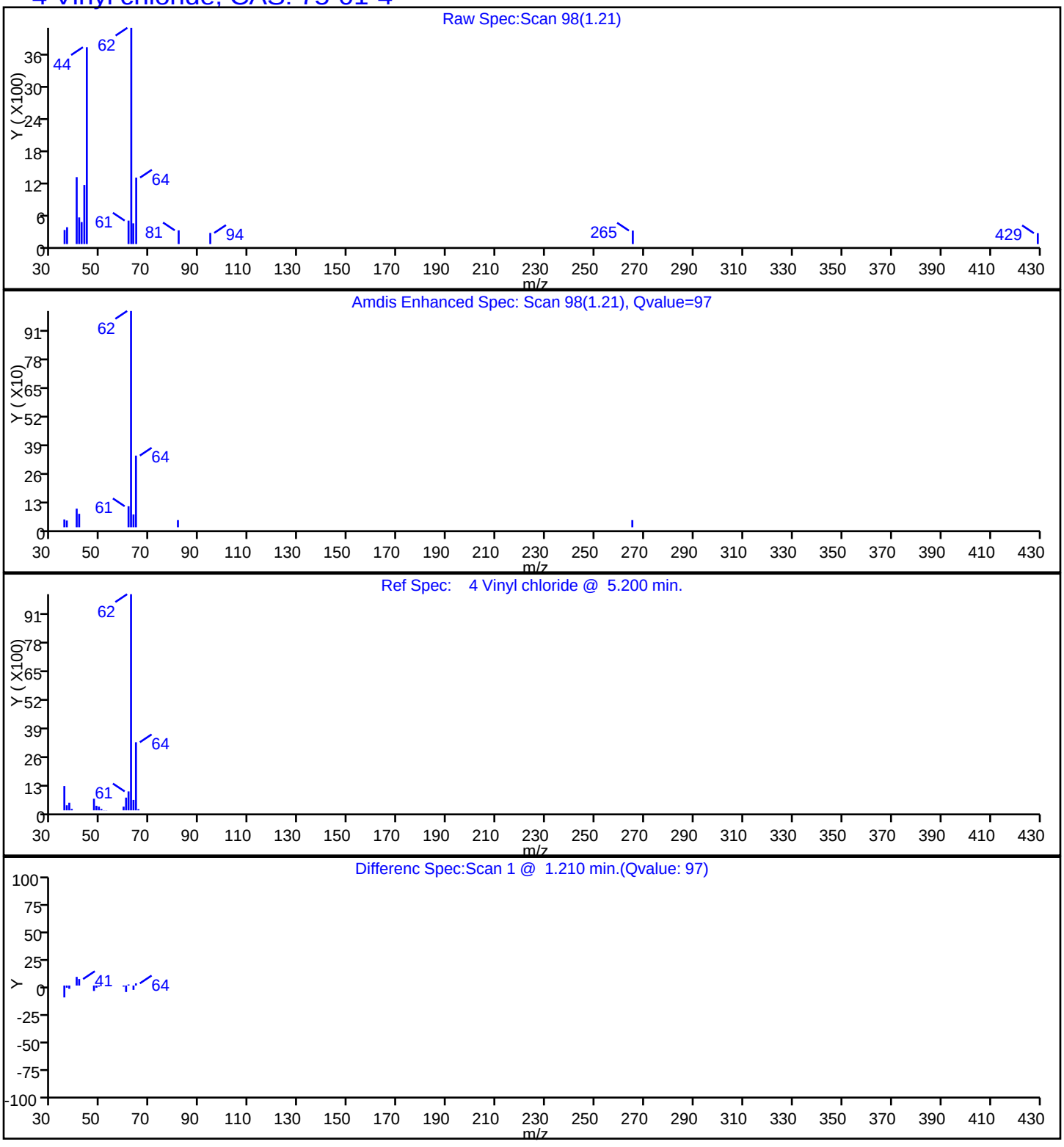
Report Date: 30-Jul-2015 21:27:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29485.D

Injection Date:	30-Jul-2015 19:45:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-7	Lab Sample ID:	460-98572-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-37 | Lab Sample ID: 460-98572-8

Matrix: Water | Lab File ID: J29486.D

Analysis Method: 8260C | Date Collected: 07/23/2015 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 20:11

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.30	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-37 | Lab Sample ID: 460-98572-8

Matrix: Water | Lab File ID: J29486.D

Analysis Method: 8260C | Date Collected: 07/23/2015 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 20:11

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-37 Lab Sample ID: 460-98572-8

Matrix: Water Lab File ID: J29486.D

Analysis Method: 8260C Date Collected: 07/23/2015 14:50

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 20:11

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29486.D
Lims ID: 460-98572-B-8 Lab Sample ID: 460-98572-8
Client ID: MW-37
Sample Type: Client
Inject. Date: 30-Jul-2015 20:11:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-8
Misc. Info.: 460-0030221-028
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 21:50:07 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 21:50:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.157	3.170	-0.013	81	221632	1000.0	
* 39 2-Butanone-d5	46	4.532	4.533	-0.001	84	331043	250.0	
49 Chloroform	83	4.938	4.926	0.012	18	1680	0.3034	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.114	0.006	94	107793	50.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.537	5.537	0.000	96	158397	54.9	
* 63 Fluorobenzene	96	5.848	5.849	-0.001	97	468602	50.0	
* 70 1,4-Dioxane-d8	96	6.647	6.648	-0.001	89	25461	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	98	427569	47.7	
* 92 Chlorobenzene-d5	117	9.573	9.568	0.005	89	338044	50.0	
$ 103 4-Bromofluorobenzene	174	10.654	10.655	-0.001	84	96744	43.4	
* 120 1,4-Dichlorobenzene-d4	152	11.483	11.495	-0.012	98	145673	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

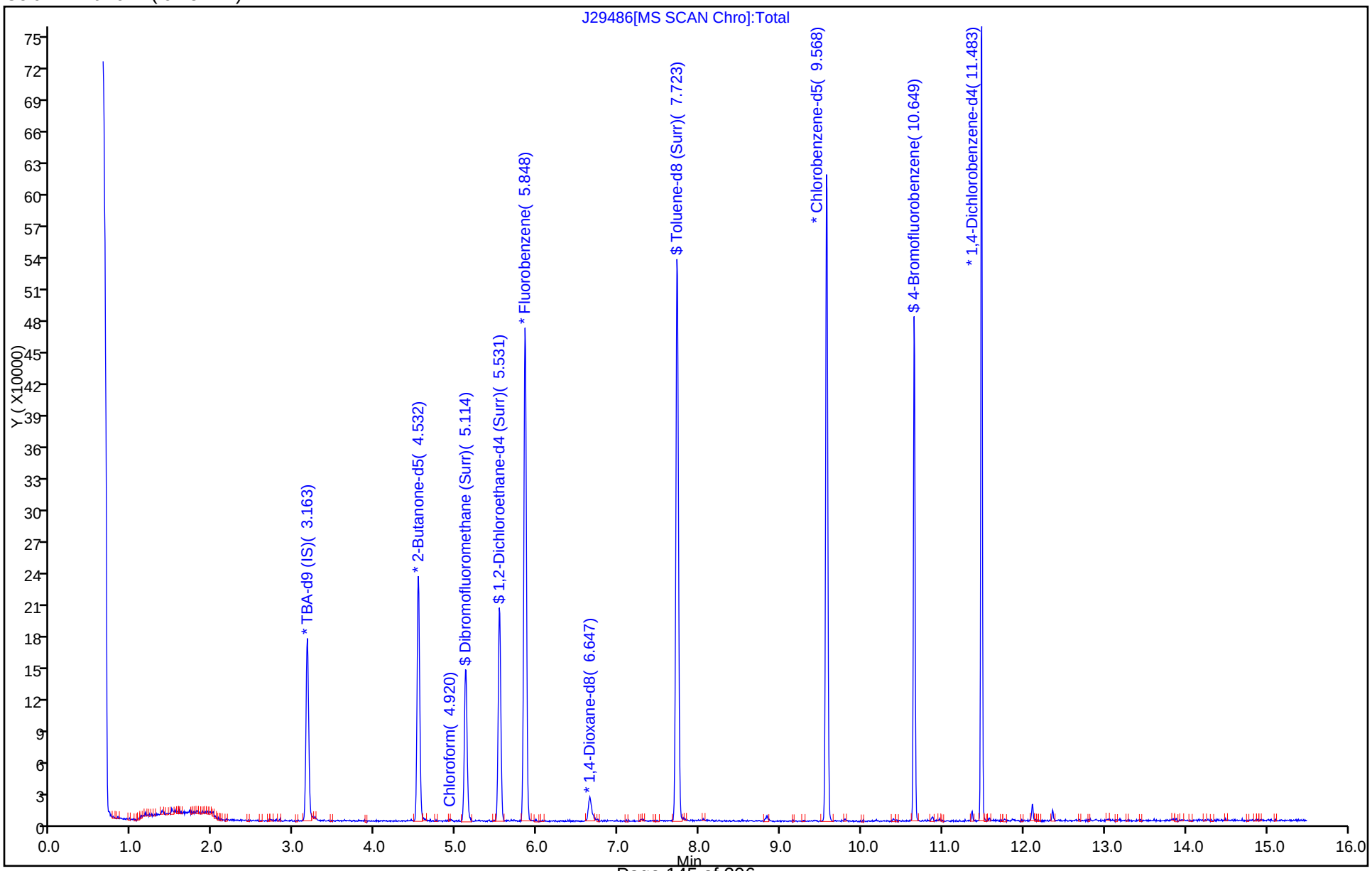
Report Date: 30-Jul-2015 21:50:08 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29486.D

Injection Date:	30-Jul-2015 20:11:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-8	Lab Sample ID:	460-98572-8	Worklist Smp#:	28
Client ID:	MW-37				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



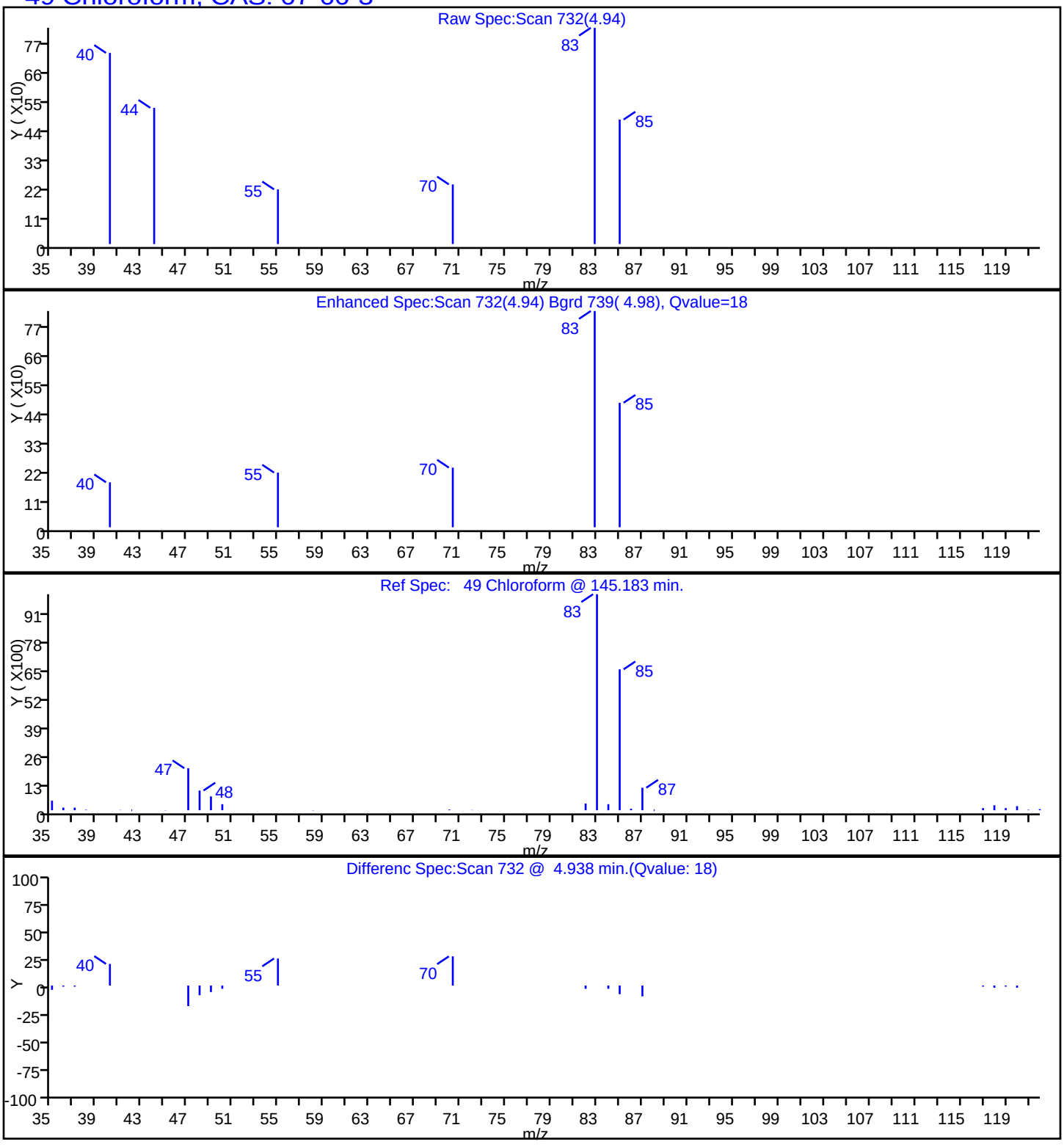
Report Date: 30-Jul-2015 21:50:08 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29486.D

Injection Date:	30-Jul-2015 20:11:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98572-B-8	Lab Sample ID:	460-98572-8		
Client ID:	MW-37				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-4 | Lab Sample ID: 460-98572-9

Matrix: Water | Lab File ID: J29479.D

Analysis Method: 8260C | Date Collected: 07/23/2015 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 17:09

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-4 | Lab Sample ID: 460-98572-9

Matrix: Water | Lab File ID: J29479.D

Analysis Method: 8260C | Date Collected: 07/23/2015 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 17:09

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-4 Lab Sample ID: 460-98572-9

Matrix: Water Lab File ID: J29479.D

Analysis Method: 8260C Date Collected: 07/23/2015 15:05

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 17:09

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29479.D
Lims ID: 460-98572-B-9 Lab Sample ID: 460-98572-9
Client ID: FB-4
Sample Type: Client
Inject. Date: 30-Jul-2015 17:09:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-9
Misc. Info.: 460-0030221-021
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 23:02:11 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: starzecm Date: 30-Jul-2015 18:36:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.167	3.170	-0.003	83	220715	1000.0	
* 39 2-Butanone-d5	46	4.536	4.533	0.003	84	336750	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.114	0.003	95	104671	47.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.537	-0.003	97	161069	54.8	
* 63 Fluorobenzene	96	5.852	5.849	0.003	97	477639	50.0	
* 70 1,4-Dioxane-d8	96	6.645	6.648	-0.003	87	24489	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	98	437859	48.5	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	91	340253	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.655	-0.003	83	99707	44.4	
* 120 1,4-Dichlorobenzene-d4	152	11.480	11.495	-0.015	98	145204	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

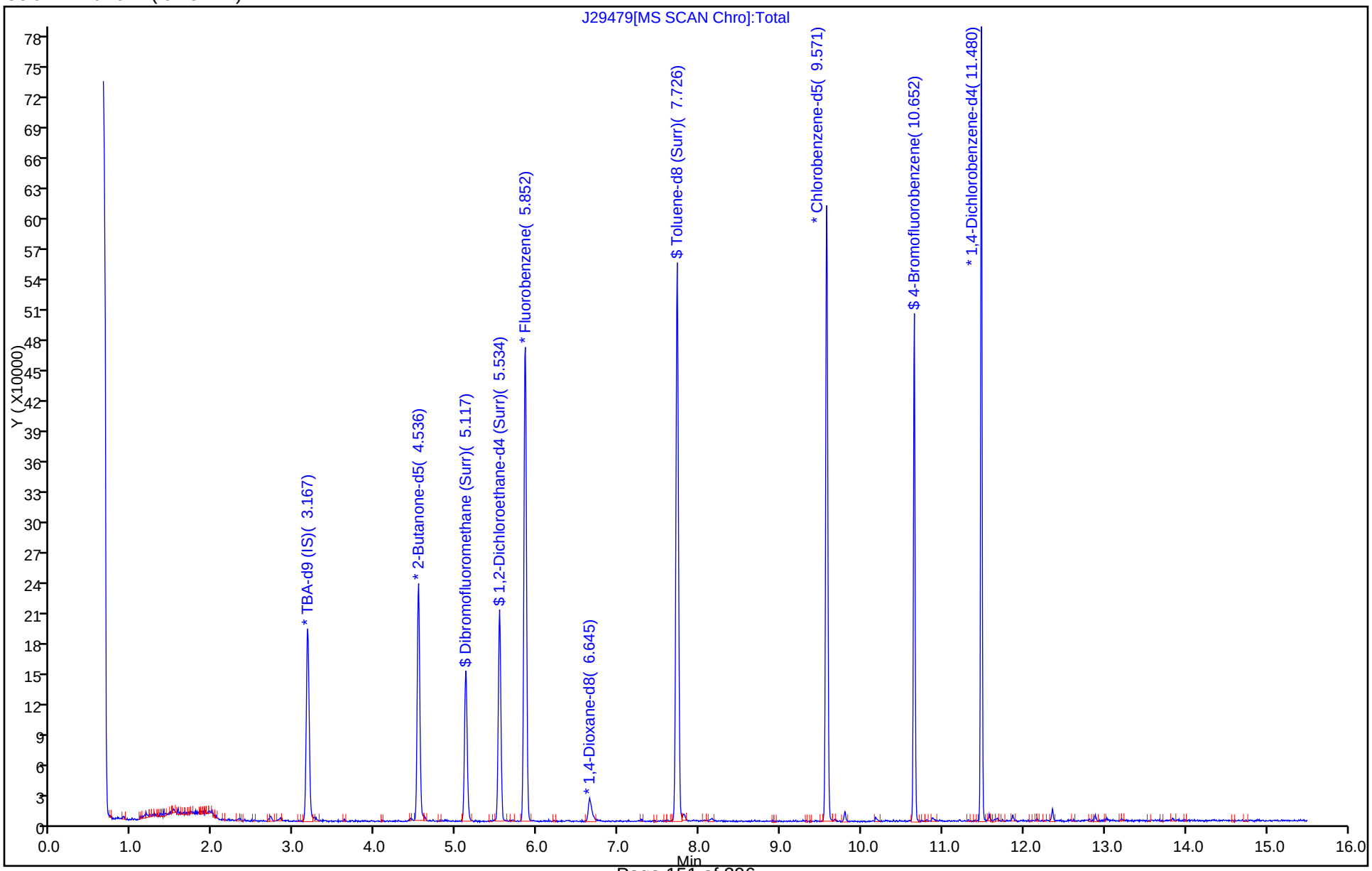
Report Date: 30-Jul-2015 23:02:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29479.D

Injection Date:	30-Jul-2015 17:09:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-9	Lab Sample ID:	460-98572-9	Worklist Smp#:	21
Client ID:	FB-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-98572-10

Matrix: Water | Lab File ID: J29480.D

Analysis Method: 8260C | Date Collected: 07/23/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-98572-10

Matrix: Water | Lab File ID: J29480.D

Analysis Method: 8260C | Date Collected: 07/23/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-98572-10

Matrix: Water Lab File ID: J29480.D

Analysis Method: 8260C Date Collected: 07/23/2015 00:00

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 17:35

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29480.D
Lims ID: 460-98572-B-10 Lab Sample ID: 460-98572-10
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 30-Jul-2015 17:35:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98572-B-10
Misc. Info.: 460-0030221-022
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 19:02:51 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 19:02:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.167	3.164	0.003	81	225445	1000.0	
* 39 2-Butanone-d5	46	4.536	4.533	0.003	85	333131	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.115	0.002	94	106982	49.6	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.535	5.532	0.003	96	158687	54.8	
* 63 Fluorobenzene	96	5.852	5.849	0.003	97	471028	50.0	
* 70 1,4-Dioxane-d8	96	6.645	6.642	0.003	90	26696	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	98	429828	48.3	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	91	335445	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.649	0.003	82	100668	45.5	
* 120 1,4-Dichlorobenzene-d4	152	11.486	11.496	-0.010	98	146036	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

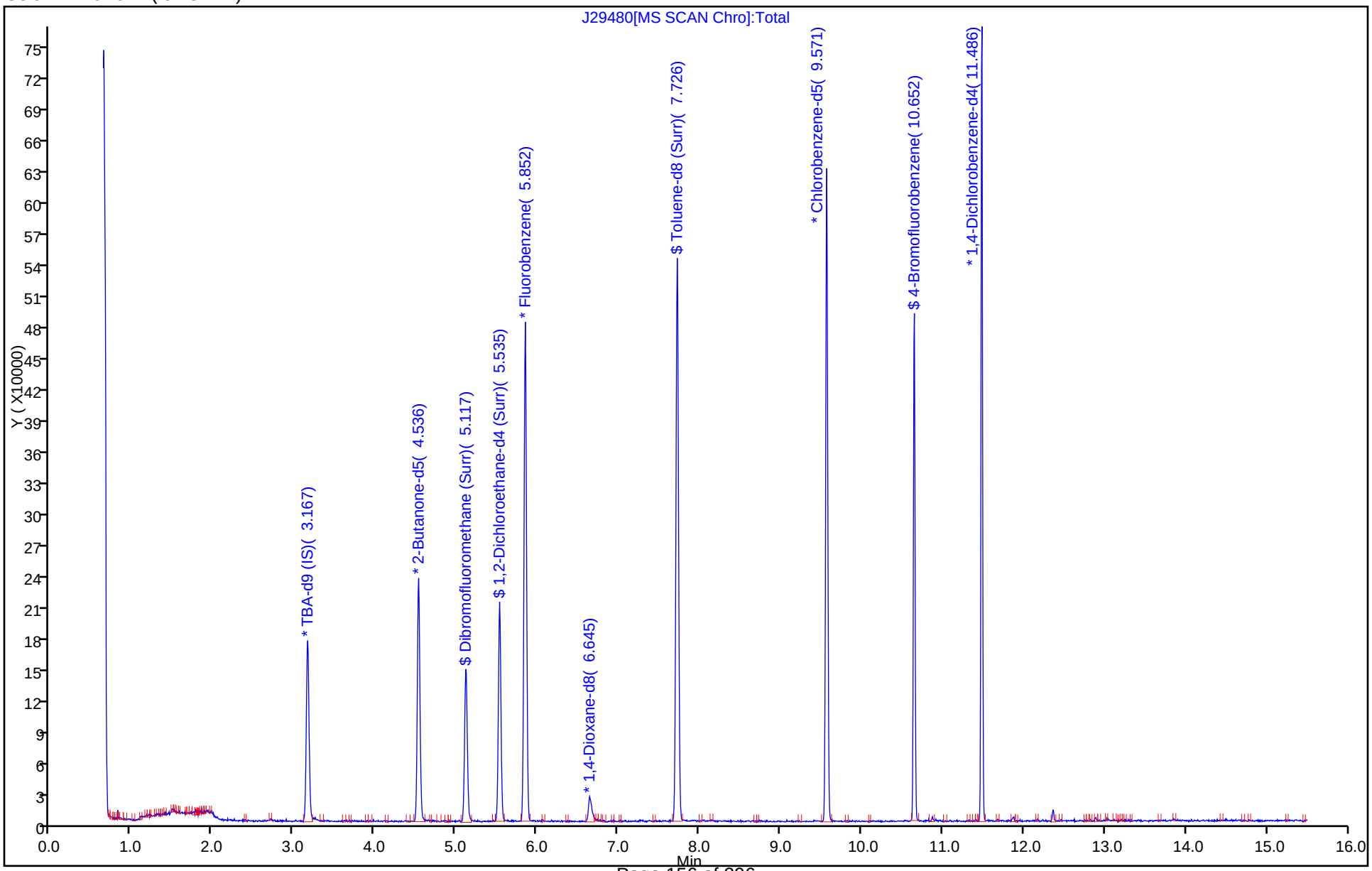
Report Date: 30-Jul-2015 19:02:52 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29480.D

Injection Date:	30-Jul-2015 17:35:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98572-B-10	Lab Sample ID:	460-98572-10	Worklist Smp#:	22
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-311803/11	J29093.D
Level 2	STD1 460-311803/19	J29101.D
Level 3	STD5 460-311803/4	J29086.D
Level 4	STD20 460-311803/5	J29087.D
Level 5	STD50 460-311803/6	J29088.D
Level 6	STD200 460-311803/7	J29089.D
Level 7	STD500 460-311803/8	J29090.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0411	0.0367 0.0374	0.0552	0.0478	0.0402	Ave		0.0431				16.6		20.0			
Dichlorodifluoromethane	+++++ 0.3617	0.3574 0.3333	0.4240	0.3987	0.3828	Ave		0.3763			0.1000	8.6		20.0			
Chloromethane	+++++ 0.4937	0.5082 0.4567	0.5673	0.5481	0.5162	Ave		0.5150			0.1000	7.6		20.0			
Vinyl chloride	+++++ 0.4632	0.4144 0.4245	0.5609	0.5074	0.4797	Ave		0.4750			0.1000	11.5		20.0			
Butadiene	+++++ 0.4297	0.5445 0.3950	0.5398	0.4616	0.4583	Ave		0.4715				12.7		20.0			
Bromomethane	+++++ 0.2375	0.3057 0.2423	0.2113	0.2071	0.2155	Ave		0.2366			0.1000	15.5		20.0			
Chloroethane	+++++ 0.2640	0.2944 0.2464	0.3423	0.2810	0.2736	Ave		0.2836			0.1000	11.6		20.0			
Dichlorofluoromethane	+++++ 0.6049	0.5615 0.5549	0.7834	0.6669	0.6235	Ave		0.6325				13.4		20.0			
Trichlorofluoromethane	+++++ 0.4528	0.3964 0.4171	0.5409	0.4854	0.4635	Ave		0.4594			0.1000	11.2		20.0			
Pentane	+++++ 1.8633	1.7516 1.6974	2.5771	1.9966	1.8695	Ave		1.9593				16.3		20.0			
Ethanol	+++++ 0.0816	0.0849 0.0773	0.0818	0.0871	0.0843	Ave		0.0828				4.1		20.0			
Ethyl ether	+++++ 0.2954	0.3155 0.2821	0.3705	0.3155	0.3125	Ave		0.3152				9.6		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3287	0.3260 0.3063	0.3933	0.3568	0.3448	Ave		0.3427				8.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2297	0.2291 0.2212	0.2840	0.2530	0.2421	Ave		0.2432				9.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2460	0.1246 0.2350	0.2912	0.2646	0.2550	Qua2	-0.150	0.2819	-0.000108		0.1000				0.9930		0.9900
Acrolein	+++++ 0.6894	0.6298 0.6261	0.6181	0.6627	0.5866	Ave		0.6354				5.7		20.0			
1,1-Dichloroethene	+++++ 0.2757	0.3206 0.2673	0.3617	0.3086	0.2947	Ave		0.3048			0.1000	11.2		20.0			
Acetone	+++++ 1.0822	1.5006 1.0085	1.3827	1.3372	1.2020	Ave		1.2522			0.0500	15.0		20.0			
Iodomethane	+++++ 0.3787	0.2675 0.3495	0.3745	0.3835	0.3879	Ave		0.3569				12.8		20.0			
Carbon disulfide	+++++ 1.0536	1.1082 0.9730	1.2608	1.1494	1.1232	Ave		1.1114			0.1000	8.7		20.0			
Isopropyl alcohol	+++++ 0.9612	1.5741 0.9255	1.2883	1.1589	1.0320	Lin2	5.7049	1.0352							0.9900		0.9900
Allyl chloride	+++++ 0.1845	0.2114 0.1793	0.2211	0.2057	0.1990	Ave		0.2002				8.0		20.0			
Methyl acetate	+++++ 0.4153	0.4788 0.3601	0.4993	0.4794	0.4434	Ave		0.4460			0.1000	11.6		20.0			
Cyclopentene	+++++ 0.9289	0.9889 0.8686	1.1201	0.9976	0.9497	Ave		0.9756				8.7		20.0			
Acetonitrile	+++++ 2.7115	2.4705 2.4956	3.2173	2.6843	2.8142	Ave		2.7322				9.9		20.0			
Methylene Chloride	+++++ 0.3285	0.4741 0.3128	0.4173	0.3670	0.3481	Ave		0.3746			0.1000	16.2		20.0			
2-Methyl-2-propanol	+++++ 1.3770	4.3815 1.2868	2.1202	1.5995	1.4651	Lin2	30.102	1.3977							0.9960		0.9900
Methyl tert-butyl ether	+++++ 0.9430	0.9887 0.8891	1.1130	1.0511	0.9948	Ave		0.9966			0.1000	7.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.3142	0.3969 0.2982	0.4022	0.3531	0.3345	Ave		0.3499			0.1000	12.2		20.0			
Acrylonitrile	7.6591 6.0424	6.7236 5.3215	7.6099	6.6737	6.3329	Ave		6.6233				12.6		20.0			
Hexane	+++++ 0.2667	0.1871 0.2493	0.3828	0.2987	0.2878	QuaF		0.2806	-0.000063						1.0000		0.9900
Isopropyl ether	+++++ 1.2835	1.4169 1.1763	1.6496	1.4578	1.3660	Ave		1.3917				11.6		20.0			
1,1-Dichloroethane	+++++ 0.6439	0.6668 0.6105	0.7658	0.6931	0.6696	Ave		0.6750			0.2000	7.8		20.0			
Vinyl acetate	+++++ 0.3672	0.3974 0.3466	0.4593	0.4153	0.3787	Ave		0.3941				10.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	+++++ 0.2887	0.3423 0.2680	0.3188	0.2575	0.2793	Ave		0.2924				11.0		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2902	0.2587 0.2803	0.3280	0.2922	0.2954	Ave		0.2908				7.8		20.0			
Tert-butyl ethyl ether	+++++ 1.1127	1.2839 1.0337	1.3854	1.2787	1.1765	Ave		1.2118				10.6		20.0			
2,2-Dichloropropane	+++++ 0.1095	0.2524 0.1029	0.1329	0.1284	0.1204	Lin2	0.1406	0.1112							0.9950		0.9900
cis-1,2-Dichloroethene	+++++ 0.3450	0.4350 0.3346	0.4389	0.3793	0.3708	Ave		0.3839			0.1000	11.5		20.0			
2-Butanone (MEK)	+++++ 0.3286	0.3963 0.3218	0.3999	0.3671	0.3485	Ave		0.3604			0.0500	9.2		20.0			
Ethyl acetate	+++++ 4.9235	6.3749 4.5216	6.1529	5.5203	5.1041	Ave		5.4329				13.3		20.0			
Methyl acrylate	+++++ 0.3663	0.4799 0.3516	0.4201	0.3893	0.3796	Ave		0.3978				11.7		20.0			
Propionitrile	+++++ 2.4115	3.1257 2.2117	3.0813	2.7058	2.5003	Ave		2.6727				13.8		20.0			
Tetrahydrofuran	+++++ 0.3399	0.4134 0.3308	0.4187	0.3744	0.3539	Ave		0.3719				10.0		20.0			
Chlorobromomethane	+++++ 0.1514	0.1266 0.1485	0.1891	0.1663	0.1583	Ave		0.1567				13.2		20.0			
Methacrylonitrile	+++++ 0.1586	0.1662 0.1444	0.1805	0.1734	0.1630	Ave		0.1643				7.6		20.0			
Chloroform	+++++ 0.5408	0.6797 0.5147	0.6549	0.5861	0.5692	Ave		0.5909			0.2000	10.9		20.0			
Cyclohexane	+++++ 0.4379	0.4765 0.4136	0.5570	0.4913	0.4643	Ave		0.4734			0.1000	10.5		20.0			
1,1,1-Trichloroethane	+++++ 0.4394	0.4975 0.4195	0.5358	0.4876	0.4612	Ave		0.4735			0.1000	8.9		20.0			
Carbon tetrachloride	+++++ 0.3574	0.3002 0.3473	0.4234	0.3829	0.3769	Ave		0.3647			0.1000	11.3		20.0			
1,1-Dichloropropene	+++++ 0.4106	0.3628 0.3953	0.4720	0.4518	0.4251	Ave		0.4196				9.4		20.0			
Isobutyl alcohol	+++++ 0.9279	0.9997 0.8819	0.8676	0.8221	0.9748	Ave		0.9123				7.4		20.0			
2,2,4-Trimethylpentane	+++++ 0.6323	0.8402 0.6165	0.7862	0.7019	0.6881	Ave		0.7109				12.3		20.0			
Benzene	+++++ 1.8437	1.9001 1.7011	2.1632	2.0018	1.9110	Ave		1.9201			0.5000	8.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	+++++ 1.1186	1.0694 1.0298	1.3200	1.2458	1.1705	Ave		1.1590				9.4		20.0			
Tert-amyl methyl ether	+++++ 1.0226	1.0817 0.9707	1.2057	1.1261	1.0675	Ave		1.0790				7.6		20.0			
1,2-Dichloroethane	+++++ 0.4413	0.4627 0.4183	0.5265	0.4874	0.4523	Ave		0.4648			0.1000	8.2		20.0			
n-Heptane	+++++ 0.1329	0.1463 0.1295	0.1850	0.1378	0.1464	Ave		0.1463				13.8		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.5024	0.4770 0.4631	0.5917	0.5439	0.5325	Ave		0.5184				9.2		20.0			
n-Butanol	+++++ 0.4437	0.6592 0.4320	0.4327	0.4656	0.4554	Ave		0.4814				18.3		20.0			
Trichloroethene	+++++ 0.3089	0.2837 0.3028	0.3823	0.3337	0.3238	Ave		0.3225			0.2000	10.5		20.0			
Ethyl acrylate	+++++ 0.7556	0.6904 0.7141	0.9345	0.8244	0.7862	Ave		0.7842				11.2		20.0			
Methylcyclohexane	+++++ 0.2970	0.2937 0.2879	0.4284	0.3505	0.3186	Ave		0.3293			0.1000	16.3		20.0			
1,2-Dichloropropane	+++++ 0.3728	0.4195 0.3619	0.4480	0.4095	0.3963	Ave		0.4013			0.1000	7.9		20.0			
Methyl methacrylate	+++++ 0.1021	0.0664 0.0993	0.1195	0.1099	0.1023	Ave		0.0999				18.0		20.0			
1,4-Dioxane	+++++ 1.4251	1.2807 1.3279	1.1960	1.3337	1.1826	Ave		1.2910				7.1		20.0			
n-Propyl acetate	+++++ 0.6149	0.6571 0.5821	0.7426	0.6729	0.6365	Ave		0.6510				8.5		20.0			
Dibromomethane	+++++ 0.1906	0.2114 0.1811	0.2307	0.2108	0.1984	Ave		0.2038				8.6		20.0			
Dichlorobromomethane	+++++ 0.4366	0.5870 0.4218	0.5540	0.4797	0.4486	Ave		0.4879			0.2000	13.8		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2686	0.2370 0.2580	0.3058	0.2870	0.2732	Ave		0.2716				8.7		20.0			
2-Nitropropane	+++++ 0.1098	0.1886 0.1040	0.1399	0.1337	0.1134	Lin2	0.1512	0.1155							0.9920		0.9900
Epichlorohydrin	0.2776 0.2828	0.3403 0.2645	0.3433	0.3125	0.2901	Ave		0.3016				10.3		20.0			
cis-1,3-Dichloropropene	+++++ 0.8023	0.8427 0.7595	0.8981	0.8499	0.8205	Ave		0.8288			0.2000	5.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.8473	3.2057 2.5133	3.4799	3.1790	2.9509	Ave		3.0293			0.0500	11.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 1.8145	1.9836 1.6512	2.1250	1.9891	1.8930	Ave		1.9094			0.4000	8.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.6914	0.6819 0.6571	0.7831	0.7460	0.7123	Ave		0.7120			0.1000	6.5		20.0			
Ethyl methacrylate	+++++ 0.4687	0.6284 0.4440	0.5140	0.5107	0.4842	Ave		0.5083				12.7		20.0			
1,1,2-Trichloroethane	+++++ 0.3547	0.5340 0.3390	0.4177	0.3972	0.3699	Ave		0.4021			0.1000	17.6		20.0			
Tetrachloroethene	+++++ 0.3375	0.3005 0.3226	0.3883	0.3534	0.3463	Ave		0.3414			0.2000	8.7		20.0			
1,3-Dichloropropane	+++++ 0.7345	0.7599 0.6915	0.8408	0.8007	0.7527	Ave		0.7633				6.8		20.0			
2-Hexanone	+++++ 1.0742	1.3141 1.0288	1.3310	1.2107	1.1293	Ave		1.1814			0.0500	10.6		20.0			
n-Butyl acetate	+++++ 0.4356	0.5869 0.4122	0.5495	0.4767	0.4403	Ave		0.4836				14.4		20.0			
Chlorodibromomethane	+++++ 0.4175	0.4209 0.4090	0.4859	0.4555	0.4329	Ave		0.4369			0.1000	6.6		20.0			
Ethylene Dibromide	+++++ 0.4045	0.4207 0.3867	0.4614	0.4427	0.4119	Ave		0.4213			0.1000	6.4		20.0			
Chlorobenzene	+++++ 1.0969	1.0421 1.0383	1.2584	1.1849	1.1458	Ave		1.1277			0.5000	7.6		20.0			
Ethylbenzene	+++++ 0.5496	0.4952 0.5336	0.6058	0.5904	0.5681	Ave		0.5571			0.1000	7.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3876	0.3877 0.3825	0.4333	0.4078	0.3956	Ave		0.3991				4.7		20.0			
m-Xylene & p-Xylene	+++++ 0.6770	0.5678 0.6467	0.8219	0.7201	0.7048	Ave		0.6897			0.1000	12.2		20.0			
n-Butyl acrylate	+++++ 0.3916	0.4804 0.3892	0.4334	0.4076	0.3968	Ave		0.4165				8.5		20.0			
o-Xylene	+++++ 0.6705	0.5812 0.6618	0.7373	0.7343	0.7102	Ave		0.6825			0.3000	8.6		20.0			
Styrene	+++++ 1.2595	1.2260 1.1967	1.4188	1.3578	1.3083	Ave		1.2945			0.3000	6.5		20.0			
Amyl acetate (mixed isomers)	+++++ 2.0017	2.3956 1.9321	2.5267	2.2971	2.1213	Ave		2.2124				10.5		20.0			
Bromoform	+++++ 0.2851	0.2859 0.2926	0.2938	0.2957	0.2822	Ave		0.2892			0.1000	1.9		20.0			
Isopropylbenzene	+++++ 1.4049	1.1023 1.3091	1.6821	1.5495	1.4842	Ave		1.4220			0.1000	14.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Camphene	+++++ 0.1054	0.1944 0.1030	0.1237	0.1383	0.1096	Qua2	0.0763	0.1171	-0.000033						0.9910		0.9900
Bromobenzene	+++++ 0.9139	0.8645 0.9350	1.1139	0.9957	0.9638	Ave		0.9644				8.9		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.1751	1.5699 1.1301	1.3805	1.3682	1.2580	Ave		1.3136			0.3000	12.2		20.0			
N-Propylbenzene	+++++ 3.4443	3.2625 3.1392	4.3724	3.9087	3.7463	Ave		3.6456				12.6		20.0			
1,2,3-Trichloropropane	+++++ 0.3158	0.3205 0.3217	0.4210	0.3710	0.3359	Ave		0.3476				11.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4041	0.3725 0.3982	0.5035	0.4421	0.4208	Ave		0.4235				10.8		20.0			
4-Ethyltoluene	+++++ 3.0528	3.8189 2.8226	3.7706	3.4406	3.2492	Ave		3.3591				11.8		20.0			
2-Chlorotoluene	+++++ 2.6683	2.5131 2.5122	3.4219	2.9845	2.8851	Ave		2.8309				12.3		20.0			
1,3,5-Trimethylbenzene	+++++ 2.4467	2.1986 2.2747	3.0726	2.8593	2.6564	Ave		2.5847				13.2		20.0			
4-Chlorotoluene	+++++ 2.5007	2.8129 2.3568	3.1979	2.7911	2.6921	Ave		2.7253				10.7		20.0			
Butyl Methacrylate	+++++ 1.4162	1.4596 1.3654	1.6442	1.4881	1.4724	Ave		1.4743				6.4		20.0			
tert-Butylbenzene	+++++ 1.8386	1.6722 1.7852	2.3689	2.0593	2.0207	Ave		1.9575				12.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6047	2.4888 2.4007	3.3209	2.9906	2.8563	Ave		2.7770				12.5		20.0			
sec-Butylbenzene	+++++ 2.5824	2.7705 2.4083	3.4077	2.9096	2.8595	Ave		2.8230				12.1		20.0			
4-Isopropyltoluene	+++++ 2.3370	2.1043 2.1634	2.9225	2.5606	2.4936	Ave		2.4302				12.3		20.0			
1,3-Dichlorobenzene	+++++ 1.5130	1.5415 1.4224	1.7966	1.6675	1.6007	Ave		1.5903			0.6000	8.2		20.0			
1,4-Dichlorobenzene	+++++ 1.5934	1.7993 1.4958	1.8869	1.7370	1.6997	Ave		1.7020			0.5000	8.3		20.0			
Benzyl chloride	+++++ 2.5376	3.2306 2.2136	3.2239	2.9548	2.7718	Ave		2.8221				14.2		20.0			
Indan	+++++ 3.2930	3.8233 2.9209	4.1216	3.6662	3.5454	Ave		3.5617				11.8		20.0			
p-Diethylbenzene	+++++ 1.5965	2.0603 1.4696	2.0024	1.7178	1.6893	Ave		1.7560				13.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 2.5042	3.0539 2.3338	3.2549	2.9303	2.9190	Ave		2.8327				12.2		20.0			
1,2-Dichlorobenzene	+++++ 1.5301	1.6223 1.4062	1.8533	1.7355	1.6338	Ave		1.6302			0.4000	9.5		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.2574	2.7486 2.0446	2.8718	2.5954	2.4913	Ave		2.5015				12.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2110	0.2638 0.2047	0.2859	0.2358	0.2218	Ave		0.2372			0.0500	13.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.8468	1.0404 0.8135	1.0868	0.9575	0.9230	Ave		0.9447				11.3		20.0			
Camphor	+++++ 0.1135	0.1297 0.1110	0.1416	0.1309	0.1218	Ave		0.1248				9.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7781	0.8769 0.7552	0.9902	0.8608	0.8297	Ave		0.8485			0.2000	9.9		20.0			
Hexachlorobutadiene	+++++ 0.2949	0.5999 0.2866	0.4022	0.3416	0.3095	Lin2	0.2983	0.3090							0.9950		0.9900
Naphthalene	+++++ 2.5612	2.6279 2.4013	2.8990	2.8514	2.7401	Ave		2.6802				7.0		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7022	0.7278 0.6729	0.7960	0.7346	0.7434	Ave		0.7295				5.7		20.0			
Dibromofluoromethane (Surr)	0.2291 0.2293	0.2287 0.2256	0.2279	0.2288	0.2350	Ave		0.2292				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3095 0.3158	0.3009 0.3082	0.3057	0.3087	0.3043	Ave		0.3076				1.5		20.0			
Toluene-d8 (Surr)	1.2987 1.3539	1.3348 1.3229	1.2976	1.3421	1.3307	Ave		1.3258				1.6		20.0			
4-Bromofluorobenzene	0.3159 0.3366	0.3224 0.3467	0.3213	0.3274	0.3379	Ave		0.3297				3.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-311803/11	J29093.D
Level 2	STD1 460-311803/19	J29101.D
Level 3	STD5 460-311803/4	J29086.D
Level 4	STD20 460-311803/5	J29087.D
Level 5	STD50 460-311803/6	J29088.D
Level 6	STD200 460-311803/7	J29089.D
Level 7	STD500 460-311803/8	J29090.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 60454	293 145018	1936	6746	14383	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 532674	2856 1291978	14879	56250	136891	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 727005	4061 1770053	19905	77324	184593	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 682152	3312 1645248	19681	71581	171518	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 632824	4351 1530918	18941	65123	163888	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 349739	2443 939129	7414	29215	77068	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 388761	2353 954890	12012	39647	97825	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 890767	4487 2150677	27489	94082	222955	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 666770	3168 1616707	18979	68474	165747	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBA	Ave	+++++ 131456	655 324665	4134	13798	32279	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	Ave	+++++ 115135	635 295540	2625	12034	29099	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 434996	2521 1093458	13001	44507	111735	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 483994	2605 1187093	13802	50339	123312	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 338198	1831 857270	9964	35696	86575	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Qua2	+++++ 362308	996 910968	10217	37325	91181	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acrolein	TBA	Ave	+++++ 24317	471 47901	1983	4580	10128	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 406015	2562 1036122	12691	43533	105397	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1034155	7804 2549550	30722	126350	286793	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 557647	2138 1354458	13141	54105	138711	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1551523	8856 3771139	44238	162142	401655	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Lin2	+++++ 339074	2943 885072	10333	40043	89093	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 271704	1689 695022	7759	29023	71153	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 3058228	19131 6979058	87591	338123	792764	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 1368000	7903 3366446	39304	140724	339593	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBA	Ave	+++++ 956468	4619 2386701	25805	92753	242950	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 483823	3789 1212340	14643	51766	124465	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Lin2	+++++ 485750	8192 1230609	17005	55268	126488	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1388655	7901 3445811	39053	148284	355711	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 462738	3172 1155923	14111	49812	119614	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBA	Ave	2864 2131447	12571 5089209	61036	230599	546727	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	QuaF	+++++ 392745	1495 966417	13432	42139	102899	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1890108	11323 4559087	57882	205652	488458	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 948209	5329 2366318	26870	97779	239458	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 1081407	6352 2686897	32233	117177	270811	+++++ 400	2.00 1000	10.0	40.0	100
Allyl alcohol	TBA	Ave	+++++ 254618	1600 640693	6393	22243	60277	+++++ 5000	25.0 12500	125	500	1250
2-Chloro-1,3-butadiene	FB	Ave	+++++ 427293	2067 1086214	11508	41223	105615	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 1638632	10260 4006331	48613	180388	420713	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Lin2	+++++ 161226	2017 398847	4664	18117	43064	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 507999	3476 1296955	15401	53512	132603	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 313989	2061 813582	8886	34684	83163	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 1882049	13261 4572530	54686	208648	487133	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 539419	3835 1362667	14739	54917	135743	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 850656	5844 2115143	24714	93493	215854	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 129936	860 334537	3721	14151	33780	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 222978	1012 575541	6636	23464	56598	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2335816	13282 5595681	63344	244591	582805	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 796454	5432 1994790	22981	82685	203525	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 644806	3808 1603002	19544	69307	166025	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 647039	3976 1626069	18799	68787	164925	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 526333	2399 1346121	14857	54019	134783	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 604653	2899 1531971	16560	63742	152015	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 818247	4673 2108479	17397	71017	210382	+++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	+++++ 931180	6714 2389507	27585	99022	246060	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 1947544	10920 4742915	55752	203445	496289	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1647236	8546 3991318	46318	175741	418565	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1505978	8644 3762329	42305	158851	381726	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 649837	3698 1621262	18475	68753	161750	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Heptane	FB	Ave	+++++ 195662	1169 502030	6492	19446	52349	+++++ 200	1.00 500	5.00	20.0	50.0
2,4,4-Trimethyl-1-pentene	FB	Ave	+++++ 1479805	7623 3589585	41526	153444	380854	+++++ 400	2.00 1000	10.0	40.0	100
n-Butanol	TBA	Ave	+++++ 391244	3081 1032882	8677	40222	98297	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 454957	2267 1173789	13414	47068	115791	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1112697	5517 2767613	32791	116295	281153	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 437311	2347 1115870	15033	49440	113915	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 548946	3352 1402655	15719	57767	141730	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 300727	1061 770045	8385	30993	73164	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 106818	1438 287054	2835	11691	28012	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 905583	5251 2255963	26056	94920	227589	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 280650	1689 702032	8094	29744	70934	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 642913	4691 1634802	19440	67669	160416	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 395611	1894 1000053	10730	40484	97697	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Lin2	+++++ 323311	3015 806483	9820	37728	81128	+++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1388 1081169	7078 2674588	30514	118099	276876	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 847549	4843 2117616	23147	86376	213069	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2721013	16671 6354121	77321	300388	704075	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 1916734	11400 4603810	54769	202155	491598	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 730318	3919 1832027	20184	75815	184974	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 690204	5022 1721043	18034	72038	173133	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 374720	3069 945215	10765	40366	96062	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 356527	1727 899383	10007	35914	89934	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 775906	4367 1928170	21670	81370	195460	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1026506	6834 2601037	29575	114400	269451	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBZ	Ave	+++++ 460169	3373 1149329	14163	48447	114356	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	+++++ 441021	2419 1140273	12522	46290	112420	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	+++++ 427293	2418 1078327	11891	44987	106973	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1158737	5989 2894958	32433	120423	297555	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 580569	2846 1487650	15613	60000	147537	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 409429	2228 1066601	11167	41445	102734	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 715160	3263 1803192	21184	73180	183037	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 413651	2761 1085163	11170	41419	103039	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 708288	3340 1845206	19002	74627	184438	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1330490	7046 3336671	36567	137997	339759	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1029131	5994 2621074	28838	107618	255218	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 301162	1643 815905	7571	30048	73295	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 1484086	6335 3649901	43354	157475	385444	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	Qua2	+++++ 111359	1117 287149	3187	14053	28470	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 469829	2163 1268393	12713	46650	115951	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 604159	3928 1533018	15756	64099	151356	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 1770788	8163 4258608	49904	183126	450717	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 162340	802 436379	4805	17382	40410	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 207733	932 540223	5747	20714	50623	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 1569501	9555 3829157	43035	161193	390913	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 1371831	6288 3408001	39055	139826	347114	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1257863	5501 3085844	35069	133961	319600	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1285660	7038 3197217	36499	130762	323891	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 728086	3652 1852264	18766	69720	177144	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 945248	4184 2421816	27037	96480	243118	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 1339137	6227 3256776	37903	140113	343647	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 1327640	6932 3267014	38894	136318	344033	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1201504	5265 2934880	33356	119966	300004	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 777835	3857 1929642	20505	78124	192586	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 819216	4502 2029249	21536	81380	204498	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1304620	8083 3002979	36796	138435	333480	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 1693004	9566 3962432	47042	171763	426548	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 820810	5155 1993582	22854	80481	203240	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1287441	7641 3166009	37149	137286	351193	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 786652	4059 1907652	21152	81308	196563	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 1160574	6877 2773697	32777	121595	299728	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 108476	660 277710	3263	11047	26681	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 435379	2603 1103586	12404	44861	111051	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 291643	1623 753136	8082	30674	73257	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: TestAmerica Edison Job No.: 460-98572-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 400055	2194 1024463	11301	40328	99828	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Lin2	+++++ 151636	1501 388797	4590	16002	37241	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1316770	6575 3257606	33088	133590	329664	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 361008	1821 912894	9085	34416	89438	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	86706 84425	91370 87445	79959	80685	84017	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	117156 116260	120235 119464	107253	108878	108807	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	358892 357540	383577 368844	334429	340985	345584	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	87302 88891	92635 96655	82815	83174	87758	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29086.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jul-2015 11:43:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0029885-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:20 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: kluseys Date: 21-Jul-2015 15:18:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.820	0.000	94	1936	5.00	6.41	
2 Dichlorodifluoromethane	85	0.861	0.861	0.000	99	14879	5.00	5.63	
3 Chloromethane	50	1.090	1.090	0.000	98	19905	5.00	5.51	
4 Vinyl chloride	62	1.214	1.214	0.000	98	19681	5.00	5.90	
5 Butadiene	54	1.249	1.249	0.000	0	18941	5.00	5.72	
6 Bromomethane	94	1.596	1.596	0.000	97	7414	5.00	4.47	
7 Chloroethane	64	1.725	1.725	0.000	100	12012	5.00	6.03	
8 Dichlorofluoromethane	67	1.966	1.966	0.000	96	27489	5.00	6.19	
9 Trichlorofluoromethane	101	1.972	1.972	0.000	74	18979	5.00	5.89	
10 Pentane	72	2.036	2.036	0.000	97	4134	10.0	13.2	
11 Ethanol	46	2.254	2.254	0.000	93	2625	200.0	197.6	
12 Ethyl ether	59	2.307	2.307	0.000	93	13001	5.00	5.88	
13 2-Methyl-1,3-butadiene	53	2.330	2.330	0.000	84	13802	5.00	5.74	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.377	0.000	87	9964	5.00	5.84	
15 1,1,2-Trichloro-1,2,2-trif	101	2.536	2.536	0.000	94	10217	5.00	5.71	
16 Acrolein	56	2.542	2.542	0.000	37	1983	20.0	19.5	
17 1,1-Dichloroethene	96	2.583	2.583	0.000	96	12691	5.00	5.93	
18 Acetone	43	2.700	2.700	0.000	85	30722	25.0	27.6	
19 Iodomethane	142	2.777	2.777	0.000	98	13141	5.00	5.25	
20 Carbon disulfide	76	2.824	2.824	0.000	100	44238	5.00	5.67	
21 Isopropyl alcohol	45	2.824	2.824	0.000	36	10333	50.0	56.7	
22 3-Chloro-1-propene	76	3.012	3.012	0.000	94	7759	5.00	5.52	
23 Methyl acetate	43	3.029	3.029	0.000	99	87591	25.0	28.0	
24 Cyclopentene	67	3.035	3.035	0.000	58	39304	5.00	5.74	
25 Acetonitrile	41	3.094	3.094	0.000	98	25805	50.0	58.9	
* 26 TBA-d9 (IS)	65	3.165	3.165	0.000	90	160413	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.176	0.000	95	14643	5.00	5.57	
28 2-Methyl-2-propanol	59	3.253	3.253	0.000	98	17005	50.0	54.3	
29 Methyl tert-butyl ether	73	3.376	3.376	0.000	98	39053	5.00	5.58	
30 trans-1,2-Dichloroethene	96	3.429	3.429	0.000	99	14111	5.00	5.75	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.517	3.517	0.000	94	61036	50.0	57.4	
32 Hexane	57	3.623	3.623	0.000	0	13432	5.00	6.83	
33 Isopropyl ether	45	3.887	3.887	0.000	98	57882	5.00	5.93	
34 1,1-Dichloroethane	63	3.934	3.934	0.000	98	26870	5.00	5.67	
35 Vinyl acetate	43	3.958	3.958	0.000	100	32233	10.0	11.7	
36 Allyl alcohol	57	3.969	3.969	0.000	42	6393	125.0	136.3	
37 2-Chloro-1,3-butadiene	88	3.987	3.987	0.000	93	11508	5.00	5.64	
38 Tert-butyl ethyl ether	59	4.287	4.287	0.000	88	48613	5.00	5.72	
* 39 2-Butanone-d5	46	4.533	4.533	0.000	88	222196	250.0	250.0	
40 2,2-Dichloropropane	97	4.557	4.557	0.000	47	4664	5.00	4.71	
41 cis-1,2-Dichloroethene	96	4.586	4.586	0.000	92	15401	5.00	5.72	
43 Ethyl acetate	43	4.604	4.604	0.000	94	54686	10.0	11.3	
42 2-Butanone (MEK)	72	4.598	4.598	0.000	97	8886	25.0	27.7	
44 Methyl acrylate	55	4.669	4.669	0.000	99	14739	5.00	5.28	
45 Propionitrile	54	4.763	4.763	0.000	98	24714	50.0	57.6	
47 Tetrahydrofuran	72	4.863	4.863	0.000	28	3721	10.0	11.3	
46 Chlorobromomethane	128	4.863	4.863	0.000	94	6636	5.00	6.03	
48 Methacrylonitrile	67	4.886	4.886	0.000	95	63344	50.0	54.9	
49 Chloroform	83	4.927	4.927	0.000	97	22981	5.00	5.54	
50 Cyclohexane	56	5.074	5.074	0.000	94	19544	5.00	5.88	
51 1,1,1-Trichloroethane	97	5.092	5.092	0.000	98	18799	5.00	5.66	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	96	79959	50.0	49.7	
53 Carbon tetrachloride	117	5.233	5.233	0.000	96	14857	5.00	5.81	
54 1,1-Dichloropropene	75	5.280	5.280	0.000	94	16560	5.00	5.62	
55 Isobutyl alcohol	43	5.421	5.421	0.000	53	17397	125.0	118.9	
56 Isooctane	57	5.468	5.468	0.000	97	27585	5.00	5.53	
57 Benzene	78	5.515	5.515	0.000	97	55752	5.00	5.63	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	95	107253	50.0	49.7	
60 Isopropyl acetate	43	5.568	5.568	0.000	93	46318	5.00	5.69	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	84	42305	5.00	5.59	
61 1,2-Dichloroethane	62	5.620	5.620	0.000	82	18475	5.00	5.66	
62 n-Heptane	57	5.679	5.679	0.000	95	6492	5.00	6.32	
* 63 Fluorobenzene	96	5.850	5.850	0.000	98	350884	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.090	0.000	93	41526	10.0	11.4	
65 n-Butanol	56	6.190	6.190	0.000	96	8677	125.0	112.4	
66 Trichloroethene	95	6.255	6.255	0.000	98	13414	5.00	5.93	
67 Ethyl acrylate	55	6.384	6.384	0.000	96	32791	5.00	5.96	
68 Methylcyclohexane	83	6.396	6.396	0.000	74	15033	5.00	6.50	
69 1,2-Dichloropropane	63	6.584	6.584	0.000	92	15719	5.00	5.58	
* 70 1,4-Dioxane-d8	96	6.643	6.643	0.000	90	23704	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	97	8385	10.0	12.0	
72 1,4-Dioxane	88	6.707	6.707	0.000	24	2835	100.0	92.6	
73 n-Propyl acetate	43	6.719	6.719	0.000	99	26056	5.00	5.70	
74 Dibromomethane	93	6.743	6.743	0.000	88	8094	5.00	5.66	
75 Dichlorobromomethane	83	6.907	6.907	0.000	99	19440	5.00	5.68	
77 2-Chloroethyl vinyl ether	63	7.271	7.271	0.000	78	10730	5.00	5.63	
76 2-Nitropropane	41	7.266	7.266	0.000	81	9820	10.0	10.8	
78 Epichlorohydrin	57	7.395	7.395	0.000	99	30514	100.0	113.8	
79 cis-1,3-Dichloropropene	75	7.454	7.454	0.000	95	23147	5.00	5.42	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.618	0.000	97	77321	25.0	28.7	
$ 81 Toluene-d8 (Surr)	98	7.724	7.724	0.000	99	334429	50.0	48.9	
82 Toluene	91	7.806	7.806	0.000	93	54769	5.00	5.56	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.182	8.182	0.000	90	20184	5.00	5.50	
84 Ethyl methacrylate	69	8.200	8.200	0.000	78	18034	5.00	5.06	
85 1,1,2-Trichloroethane	83	8.423	8.423	0.000	95	10765	5.00	5.19	
86 Tetrachloroethene	166	8.476	8.476	0.000	96	10007	5.00	5.69	
87 1,3-Dichloropropane	76	8.646	8.646	0.000	97	21670	5.00	5.51	
89 2-Hexanone	58	8.693	8.693	0.000	97	29575	25.0	28.2	
88 n-Butyl acetate	43	8.799	8.799	0.000	97	14163	5.00	5.68	
90 Chlorodibromomethane	129	8.905	8.905	0.000	96	12522	5.00	5.56	
91 Ethylene Dibromide	107	9.081	9.081	0.000	98	11891	5.00	5.48	
* 92 Chlorobenzene-d5	117	9.569	9.569	0.000	87	257731	50.0	50.0	
93 Chlorobenzene	112	9.598	9.598	0.000	94	32433	5.00	5.58	
94 Ethylbenzene	106	9.675	9.675	0.000	99	15613	5.00	5.44	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	94	11167	5.00	5.43	
96 m-Xylene & p-Xylene	106	9.792	9.792	0.000	97	21184	5.00	5.96	
97 n-Butyl acrylate	73	10.133	10.133	0.000	97	11170	5.00	5.20	
98 o-Xylene	106	10.174	10.174	0.000	92	19002	5.00	5.40	
99 Styrene	104	10.203	10.203	0.000	93	36567	5.00	5.48	
100 Amyl acetate (mixed isomer	43	10.333	10.333	0.000	87	28838	5.00	5.71	
101 Bromoform	173	10.397	10.397	0.000	94	7571	5.00	5.08	
102 Isopropylbenzene	105	10.479	10.479	0.000	96	43354	5.00	5.91	
$ 103 4-Bromofluorobenzene	174	10.650	10.650	0.000	86	82815	50.0	48.7	
104 Camphene	41	10.673	10.673	0.000	93	3187	5.00	4.63	
105 Bromobenzene	156	10.767	10.767	0.000	97	12713	5.00	5.77	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	97	15756	5.00	5.25	
107 N-Propylbenzene	91	10.803	10.803	0.000	98	49904	5.00	6.00	
108 1,2,3-Trichloropropane	110	10.832	10.832	0.000	95	4805	5.00	6.05	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.832	0.000	77	5747	5.00	5.94	
110 4-Ethyltoluene	105	10.891	10.891	0.000	97	43035	5.00	5.61	
111 2-Chlorotoluene	91	10.897	10.897	0.000	97	39055	5.00	6.04	
112 1,3,5-Trimethylbenzene	105	10.938	10.938	0.000	93	35069	5.00	5.94	
113 4-Chlorotoluene	91	10.985	10.985	0.000	97	36499	5.00	5.87	
114 Butyl Methacrylate	87	10.996	10.996	0.000	95	18766	5.00	5.58	
115 tert-Butylbenzene	119	11.167	11.167	0.000	94	27037	5.00	6.05	
116 1,2,4-Trimethylbenzene	105	11.208	11.208	0.000	97	37903	5.00	5.98	
117 sec-Butylbenzene	105	11.320	11.320	0.000	98	38894	5.00	6.04	
118 4-Isopropyltoluene	119	11.408	11.408	0.000	97	33356	5.00	6.01	
119 1,3-Dichlorobenzene	146	11.431	11.431	0.000	94	20505	5.00	5.65	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.478	0.000	97	114134	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.496	11.496	0.000	91	21536	5.00	5.54	
122 Benzyl chloride	91	11.590	11.590	0.000	98	36796	5.00	5.71	
123 2,3-Dihydroindene	117	11.637	11.637	0.000	92	47042	5.00	5.79	
124 p-Diethylbenzene	119	11.655	11.655	0.000	94	22854	5.00	5.70	
125 n-Butylbenzene	91	11.672	11.672	0.000	97	37149	5.00	5.75	M
126 1,2-Dichlorobenzene	146	11.743	11.743	0.000	94	21152	5.00	5.68	
127 1,2,4,5-Tetramethylbenzene	119	12.166	12.166	0.000	97	32777	5.00	5.74	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.271	0.000	92	3263	5.00	6.03	
129 1,3,5-Trichlorobenzene	180	12.365	12.365	0.000	95	12404	5.00	5.75	
130 Camphor	95	12.747	12.747	0.000	91	8082	25.0	28.4	
131 1,2,4-Trichlorobenzene	180	12.824	12.824	0.000	94	11301	5.00	5.83	
132 Hexachlorobutadiene	225	12.883	12.883	0.000	90	4590	5.00	5.54	
133 Naphthalene	128	13.024	13.024	0.000	99	33088	5.00	5.41	
134 1,2,3-Trichlorobenzene	180	13.217	13.217	0.000	95	9085	5.00	5.46	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		10.0	11.5	
S 136 Xylenes, Total	100				0		10.0	11.4	
S 137 Total BTEX	1				0		25.0	28.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00105	Amount Added:	1.00	Units: uL		
MIX I Hi_00044	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:21 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29086.D

Injection Date: 21-Jul-2015 11:43:30 Instrument ID: CVOAMS8 Operator ID:

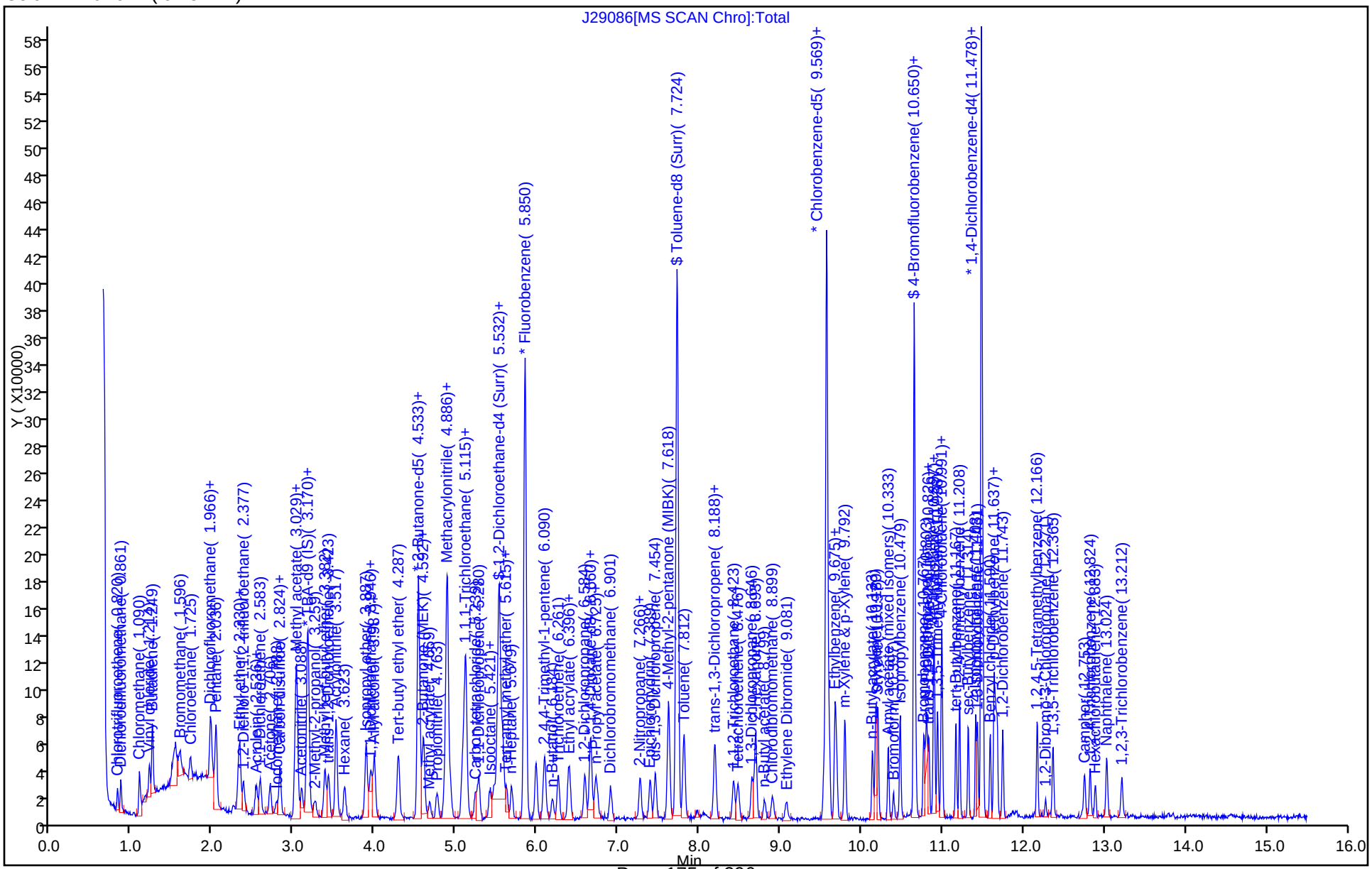
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

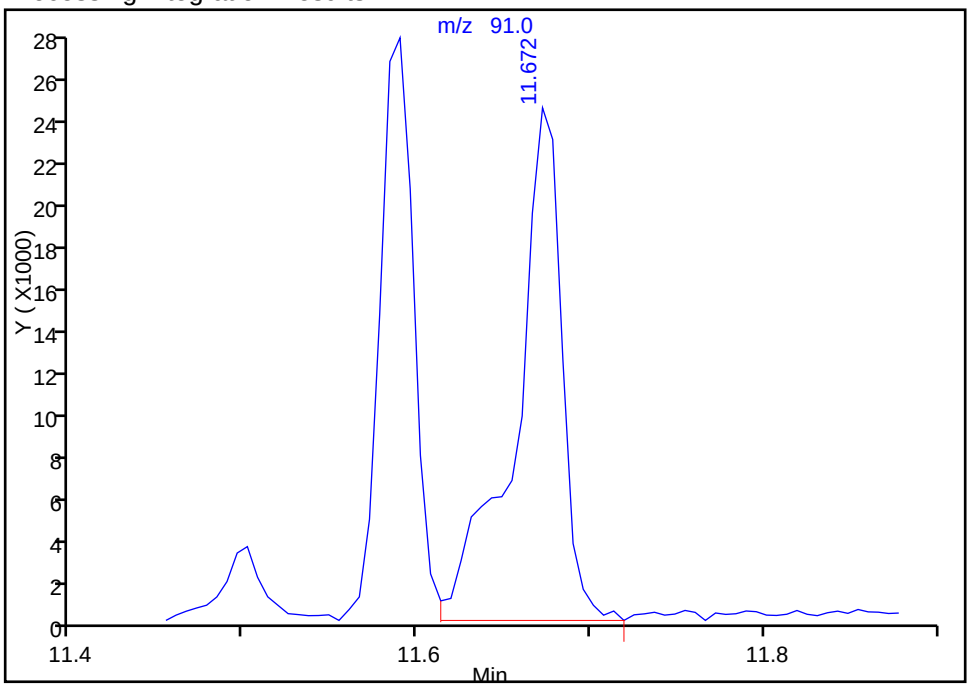
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29086.D
Injection Date: 21-Jul-2015 11:43:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

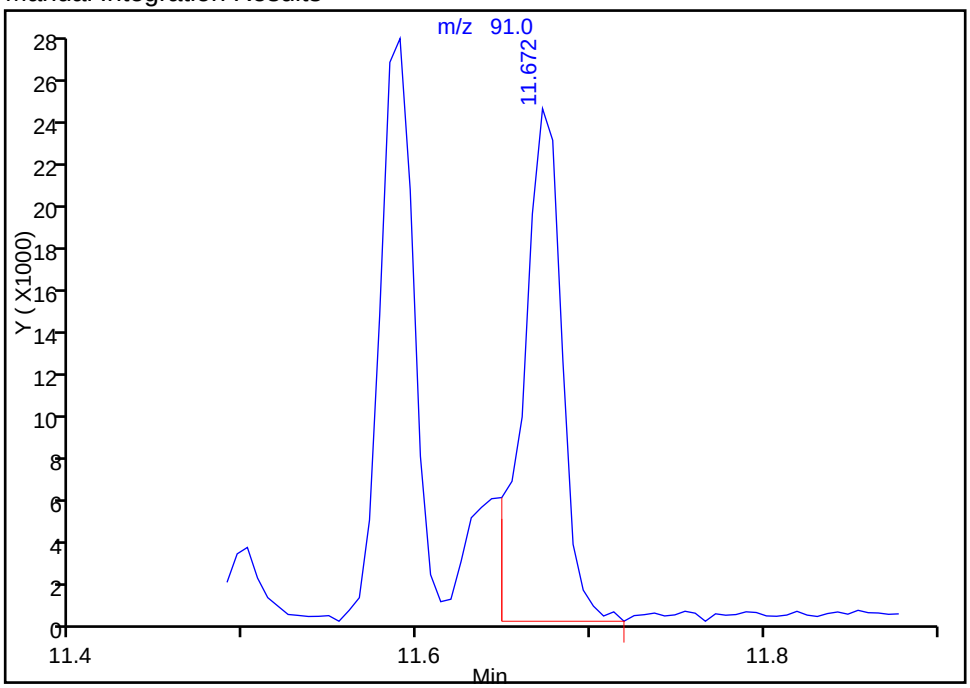
Processing Integration Results

RT: 11.67
Area: 44378
Amount: 7.288898
Amount Units: ug/l



Manual Integration Results

RT: 11.67
Area: 37149
Amount: 5.745186
Amount Units: ug/l



Reviewer: baronm, 22-Jul-2015 13:29:20
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29087.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 21-Jul-2015 12:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0029885-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:28 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 21-Jul-2015 20:14:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.820	0.000	97	6746	20.0	22.2	
2 Dichlorodifluoromethane	85	0.861	0.861	0.000	100	56250	20.0	21.2	
3 Chloromethane	50	1.084	1.084	0.000	100	77324	20.0	21.3	
4 Vinyl chloride	62	1.213	1.213	0.000	98	71581	20.0	21.4	
5 Butadiene	54	1.249	1.249	0.000	0	65123	20.0	19.6	
6 Bromomethane	94	1.584	1.584	0.000	98	29215	20.0	17.5	
7 Chloroethane	64	1.713	1.713	0.000	99	39647	20.0	19.8	
8 Dichlorofluoromethane	67	1.960	1.960	0.000	98	94082	20.0	21.1	
9 Trichlorofluoromethane	101	1.971	1.971	0.000	98	68474	20.0	21.1	
10 Pentane	72	2.030	2.030	0.000	97	13798	40.0	40.8	
11 Ethanol	46	2.259	2.259	0.000	98	12034	800.0	841.0	
12 Ethyl ether	59	2.306	2.306	0.000	95	44507	20.0	20.0	
13 2-Methyl-1,3-butadiene	53	2.330	2.330	0.000	89	50339	20.0	20.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.377	0.000	88	35696	20.0	20.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.524	2.524	0.000	94	37325	20.0	19.4	
16 Acrolein	56	2.535	2.535	0.000	33	4580	40.0	41.7	
17 1,1-Dichloroethene	96	2.577	2.577	0.000	95	43533	20.0	20.3	
18 Acetone	43	2.700	2.700	0.000	86	126350	100.0	106.8	
19 Iodomethane	142	2.776	2.776	0.000	98	54105	20.0	21.5	
20 Carbon disulfide	76	2.817	2.817	0.000	100	162142	20.0	20.7	
21 Isopropyl alcohol	45	2.829	2.829	0.000	37	40043	200.0	218.4	
22 3-Chloro-1-propene	76	3.005	3.005	0.000	91	29023	20.0	20.6	
23 Methyl acetate	43	3.023	3.023	0.000	100	338123	100.0	107.5	
24 Cyclopentene	67	3.035	3.035	0.000	90	140724	20.0	20.4	
25 Acetonitrile	41	3.094	3.094	0.000	98	92753	200.0	196.5	
* 26 TBA-d9 (IS)	65	3.164	3.164	0.000	96	172767	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.176	0.000	97	51766	20.0	19.6	
28 2-Methyl-2-propanol	59	3.258	3.258	0.000	99	55268	200.0	207.3	
29 Methyl tert-butyl ether	73	3.382	3.382	0.000	98	148284	20.0	21.1	
30 trans-1,2-Dichloroethene	96	3.423	3.423	0.000	98	49812	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.517	3.517	0.000	94	230599	200.0	201.5	
32 Hexane	57	3.622	3.622	0.000	0	42139	20.0	21.4	
33 Isopropyl ether	45	3.887	3.887	0.000	99	205652	20.0	21.0	
34 1,1-Dichloroethane	63	3.940	3.940	0.000	99	97779	20.0	20.5	
35 Vinyl acetate	43	3.951	3.951	0.000	100	117177	40.0	42.2	
36 Allyl alcohol	57	3.969	3.969	0.000	97	22243	500.0	440.3	
37 2-Chloro-1,3-butadiene	88	3.993	3.993	0.000	93	41223	20.0	20.1	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	88	180388	20.0	21.1	
* 39 2-Butanone-d5	46	4.527	4.527	0.000	99	236227	250.0	250.0	
40 2,2-Dichloropropane	97	4.551	4.551	0.000	96	18117	20.0	21.8	
41 cis-1,2-Dichloroethene	96	4.586	4.586	0.000	94	53512	20.0	19.8	
43 Ethyl acetate	43	4.598	4.598	0.000	93	208648	40.0	40.6	
42 2-Butanone (MEK)	72	4.604	4.604	0.000	99	34684	100.0	101.9	
44 Methyl acrylate	55	4.668	4.668	0.000	99	54917	20.0	19.6	
45 Propionitrile	54	4.762	4.762	0.000	99	93493	200.0	202.5	
47 Tetrahydrofuran	72	4.856	4.856	0.000	63	14151	40.0	40.3	
46 Chlorobromomethane	128	4.862	4.862	0.000	98	23464	20.0	21.2	
48 Methacrylonitrile	67	4.886	4.886	0.000	95	244591	200.0	211.0	
49 Chloroform	83	4.927	4.927	0.000	97	82685	20.0	19.8	
50 Cyclohexane	56	5.074	5.074	0.000	95	69307	20.0	20.8	
51 1,1,1-Trichloroethane	97	5.091	5.091	0.000	98	68787	20.0	20.6	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	96	80685	50.0	49.9	
53 Carbon tetrachloride	117	5.238	5.238	0.000	99	54019	20.0	21.0	
54 1,1-Dichloropropene	75	5.273	5.273	0.000	96	63742	20.0	21.5	
55 Isobutyl alcohol	43	5.414	5.414	0.000	91	71017	500.0	450.6	
56 Isooctane	57	5.461	5.461	0.000	99	99022	20.0	19.7	
57 Benzene	78	5.514	5.514	0.000	97	203445	20.0	20.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	95	108878	50.0	50.2	
60 Isopropyl acetate	43	5.567	5.567	0.000	97	175741	20.0	21.5	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	91	158851	20.0	20.9	
61 1,2-Dichloroethane	62	5.620	5.620	0.000	96	68753	20.0	21.0	
62 n-Heptane	57	5.673	5.673	0.000	97	19446	20.0	18.8	
* 63 Fluorobenzene	96	5.849	5.849	0.000	98	352673	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.084	6.084	0.000	94	153444	40.0	42.0	
65 n-Butanol	56	6.190	6.190	0.000	93	40222	500.0	483.6	
66 Trichloroethene	95	6.260	6.260	0.000	97	47068	20.0	20.7	
67 Ethyl acrylate	55	6.384	6.384	0.000	98	116295	20.0	21.0	
68 Methylcyclohexane	83	6.396	6.396	0.000	81	49440	20.0	21.3	
69 1,2-Dichloropropane	63	6.584	6.584	0.000	91	57767	20.0	20.4	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	45	21914	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	95	30993	40.0	44.0	
72 1,4-Dioxane	88	6.707	6.707	0.000	32	11691	400.0	413.2	
73 n-Propyl acetate	43	6.719	6.719	0.000	98	94920	20.0	20.7	
74 Dibromomethane	93	6.742	6.742	0.000	94	29744	20.0	20.7	
75 Dichlorobromomethane	83	6.907	6.907	0.000	99	67669	20.0	19.7	
77 2-Chloroethyl vinyl ether	63	7.265	7.265	0.000	71	40484	20.0	21.1	
76 2-Nitropropane	41	7.271	7.271	0.000	80	37728	40.0	45.0	
78 Epichlorohydrin	57	7.394	7.394	0.000	99	118099	400.0	414.4	
79 cis-1,3-Dichloropropene	75	7.453	7.453	0.000	95	86376	20.0	20.5	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.618	0.000	98	300388	100.0	104.9	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	99	340985	50.0	50.6	
82 Toluene	91	7.812	7.812	0.000	94	202155	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.188	8.188	0.000	99	75815	20.0	21.0	
84 Ethyl methacrylate	69	8.194	8.194	0.000	93	72038	20.0	20.1	
85 1,1,2-Trichloroethane	83	8.417	8.417	0.000	97	40366	20.0	19.8	
86 Tetrachloroethene	166	8.481	8.481	0.000	95	35914	20.0	20.7	
87 1,3-Dichloropropane	76	8.652	8.652	0.000	97	81370	20.0	21.0	
89 2-Hexanone	58	8.693	8.693	0.000	99	114400	100.0	102.5	
88 n-Butyl acetate	43	8.805	8.805	0.000	97	48447	20.0	19.7	
90 Chlorodibromomethane	129	8.904	8.904	0.000	98	46290	20.0	20.8	
91 Ethylene Dibromide	107	9.075	9.075	0.000	96	44987	20.0	21.0	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	88	254073	50.0	50.0	
93 Chlorobenzene	112	9.598	9.598	0.000	94	120423	20.0	21.0	
94 Ethylbenzene	106	9.674	9.674	0.000	99	60000	20.0	21.2	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	96	41445	20.0	20.4	
96 m-Xylene & p-Xylene	106	9.798	9.798	0.000	97	73180	20.0	20.9	
97 n-Butyl acrylate	73	10.138	10.138	0.000	96	41419	20.0	19.6	
98 o-Xylene	106	10.174	10.174	0.000	94	74627	20.0	21.5	
99 Styrene	104	10.203	10.203	0.000	94	137997	20.0	21.0	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	88	107618	20.0	20.8	
101 Bromoform	173	10.397	10.397	0.000	95	30048	20.0	20.4	
102 Isopropylbenzene	105	10.479	10.479	0.000	96	157475	20.0	21.8	
$ 103 4-Bromofluorobenzene	174	10.649	10.649	0.000	86	83174	50.0	49.6	
104 Camphene	41	10.667	10.667	0.000	95	14053	20.0	23.1	
105 Bromobenzene	156	10.767	10.767	0.000	97	46650	20.0	20.6	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	99	64099	20.0	20.8	
107 N-Propylbenzene	91	10.802	10.802	0.000	98	183126	20.0	21.4	
108 1,2,3-Trichloropropane	110	10.832	10.832	0.000	95	17382	20.0	21.3	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.832	0.000	78	20714	20.0	20.9	
110 4-Ethyltoluene	105	10.890	10.890	0.000	98	161193	20.0	20.5	
111 2-Chlorotoluene	91	10.896	10.896	0.000	97	139826	20.0	21.1	
112 1,3,5-Trimethylbenzene	105	10.937	10.937	0.000	93	133961	20.0	22.1	
113 4-Chlorotoluene	91	10.984	10.984	0.000	98	130762	20.0	20.5	
114 Butyl Methacrylate	87	10.996	10.996	0.000	95	69720	20.0	20.2	
115 tert-Butylbenzene	119	11.167	11.167	0.000	94	96480	20.0	21.0	
116 1,2,4-Trimethylbenzene	105	11.214	11.214	0.000	97	140113	20.0	21.5	
117 sec-Butylbenzene	105	11.319	11.319	0.000	99	136318	20.0	20.6	
118 4-Isopropyltoluene	119	11.413	11.413	0.000	97	119966	20.0	21.1	
119 1,3-Dichlorobenzene	146	11.437	11.437	0.000	94	78124	20.0	21.0	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.484	0.000	97	117126	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.501	0.000	93	81380	20.0	20.4	
122 Benzyl chloride	91	11.590	11.590	0.000	99	138435	20.0	20.9	
123 2,3-Dihydroindene	117	11.642	11.642	0.000	93	171763	20.0	20.6	
124 p-Diethylbenzene	119	11.660	11.660	0.000	93	80481	20.0	19.6	
125 n-Butylbenzene	91	11.678	11.678	0.000	92	137286	20.0	20.7	
126 1,2-Dichlorobenzene	146	11.748	11.748	0.000	95	81308	20.0	21.3	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.171	0.000	98	121595	20.0	20.8	
128 1,2-Dibromo-3-Chloropropan	75	12.283	12.283	0.000	95	11047	20.0	19.9	
129 1,3,5-Trichlorobenzene	180	12.371	12.371	0.000	97	44861	20.0	20.3	
130 Camphor	95	12.759	12.759	0.000	95	30674	100.0	105.0	
131 1,2,4-Trichlorobenzene	180	12.829	12.829	0.000	94	40328	20.0	20.3	
132 Hexachlorobutadiene	225	12.894	12.894	0.000	94	16002	20.0	21.1	
133 Naphthalene	128	13.035	13.035	0.000	99	133590	20.0	21.3	
134 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	95	34416	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 136 Xylenes, Total	100				0		40.0	42.4	
S 137 Total BTEX	1				0		100.0	105.3	

Reagents:

GAS Hi_00105	Amount Added:	2.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	2.00	Units: uL		
MIX I Hi_00044	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	2.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:32 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29087.D

Injection Date: 21-Jul-2015 12:09:30 Instrument ID: CVOAMS8 Operator ID:

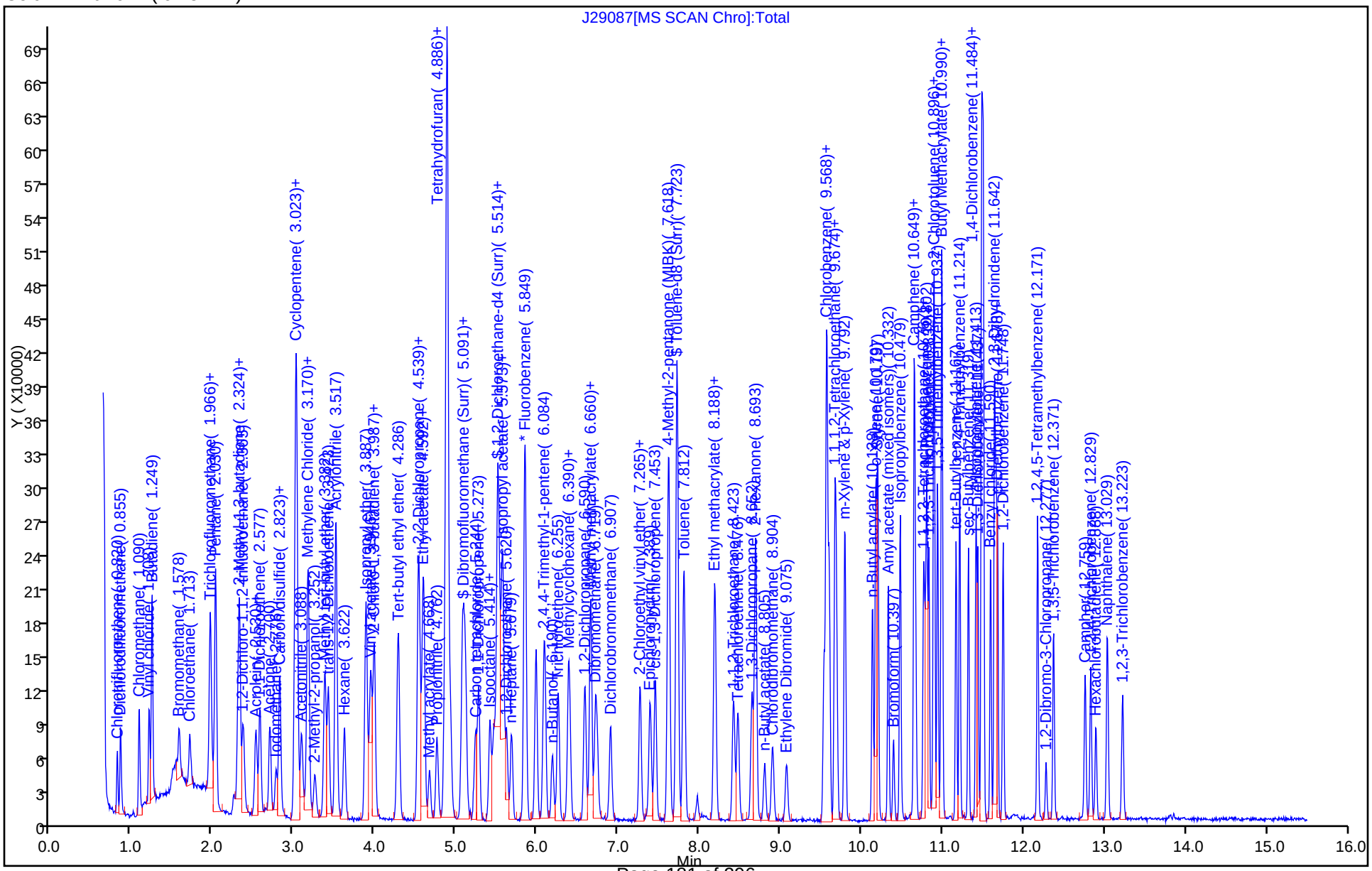
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29088.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jul-2015 12:35:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0029885-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:39 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: boykink Date: 21-Jul-2015 21:21:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.822	0.820	0.002	96	14383	50.0	46.7	
2 Dichlorodifluoromethane	85	0.863	0.861	0.002	100	136891	50.0	50.9	
3 Chloromethane	50	1.092	1.084	0.008	99	184593	50.0	50.1	
4 Vinyl chloride	62	1.216	1.213	0.003	98	171518	50.0	50.5	
5 Butadiene	54	1.251	1.249	0.002	0	163888	50.0	48.6	
6 Bromomethane	94	1.586	1.584	0.002	99	77068	50.0	45.6	
7 Chloroethane	64	1.715	1.713	0.002	99	97825	50.0	48.2	
8 Dichlorofluoromethane	67	1.968	1.960	0.008	97	222955	50.0	49.3	
9 Trichlorofluoromethane	101	1.974	1.971	0.003	81	165747	50.0	50.5	
10 Pentane	72	2.032	2.030	0.002	97	32279	100.0	95.4	
11 Ethanol	46	2.262	2.259	0.003	98	29099	2000.0	2034.9	
12 Ethyl ether	59	2.309	2.306	0.003	96	111735	50.0	49.6	
13 2-Methyl-1,3-butadiene	53	2.326	2.330	-0.004	92	123312	50.0	50.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.379	2.377	0.002	95	86575	50.0	49.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.532	2.524	0.008	95	91181	50.0	46.6	
16 Acrolein	56	2.538	2.535	0.003	33	10128	100.0	92.3	
17 1,1-Dichloroethene	96	2.579	2.577	0.002	96	105397	50.0	48.4	
18 Acetone	43	2.702	2.700	0.002	86	286793	250.0	240.0	
19 Iodomethane	142	2.779	2.776	0.003	98	138711	50.0	54.3	
20 Carbon disulfide	76	2.826	2.817	0.009	99	401655	50.0	50.5	
21 Isopropyl alcohol	45	2.831	2.829	0.002	41	89093	500.0	492.9	
22 3-Chloro-1-propene	76	3.008	3.005	0.003	93	71153	50.0	49.7	
23 Methyl acetate	43	3.025	3.023	0.002	99	792764	250.0	248.5	
24 Cyclopentene	67	3.037	3.035	0.002	89	339593	50.0	48.7	
25 Acetonitrile	41	3.096	3.094	0.002	99	242950	500.0	515.0	
* 26 TBA-d9 (IS)	65	3.166	3.164	0.002	80	172663	1000.0	1000.0	
27 Methylene Chloride	84	3.178	3.176	0.002	98	124465	50.0	46.5	
28 2-Methyl-2-propanol	59	3.260	3.258	0.002	99	126488	500.0	502.6	
29 Methyl tert-butyl ether	73	3.378	3.382	-0.004	98	355711	50.0	49.9	
30 trans-1,2-Dichloroethene	96	3.425	3.423	0.002	97	119614	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.519	3.517	0.002	94	546727	500.0	478.1	
32 Hexane	57	3.619	3.622	-0.003	0	102899	50.0	51.9	
33 Isopropyl ether	45	3.889	3.887	0.002	98	488458	50.0	49.1	
34 1,1-Dichloroethane	63	3.942	3.940	0.002	99	239458	50.0	49.6	
35 Vinyl acetate	43	3.954	3.951	0.003	100	270811	100.0	96.1	
36 Allyl alcohol	57	3.971	3.969	0.002	97	60277	1250.0	1193.8	
37 2-Chloro-1,3-butadiene	88	3.989	3.993	-0.004	91	105615	50.0	50.8	
38 Tert-butyl ethyl ether	59	4.289	4.286	0.003	89	420713	50.0	48.5	
* 39 2-Butanone-d5	46	4.530	4.527	0.003	95	238599	250.0	250.0	
40 2,2-Dichloropropane	97	4.541	4.551	-0.010	93	43064	50.0	52.9	
41 cis-1,2-Dichloroethene	96	4.588	4.586	0.002	95	132603	50.0	48.3	
42 2-Butanone (MEK)	72	4.600	4.604	-0.004	99	83163	250.0	241.8	
43 Ethyl acetate	43	4.600	4.598	0.002	93	487133	100.0	93.9	
44 Methyl acrylate	55	4.671	4.668	0.002	99	135743	50.0	47.7	
45 Propionitrile	54	4.765	4.762	0.003	98	215854	500.0	467.7	
47 Tetrahydrofuran	72	4.853	4.856	-0.003	65	33780	100.0	95.2	
46 Chlorobromomethane	128	4.864	4.862	0.002	94	56598	50.0	50.5	
48 Methacrylonitrile	67	4.888	4.886	0.002	95	582805	500.0	495.8	
49 Chloroform	83	4.929	4.927	0.002	98	203525	50.0	48.2	
50 Cyclohexane	56	5.076	5.074	0.002	94	166025	50.0	49.0	
51 1,1,1-Trichloroethane	97	5.094	5.091	0.003	98	164925	50.0	48.7	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.115	0.002	96	84017	50.0	51.3	
53 Carbon tetrachloride	117	5.240	5.238	0.002	98	134783	50.0	51.7	
54 1,1-Dichloropropene	75	5.276	5.273	0.003	95	152015	50.0	50.7	
55 Isobutyl alcohol	43	5.417	5.414	0.003	95	210382	1250.0	1335.5	
56 Isooctane	57	5.464	5.461	0.003	97	246060	50.0	48.4	
57 Benzene	78	5.511	5.514	-0.003	97	496289	50.0	49.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.532	0.002	96	108807	50.0	49.5	
60 Isopropyl acetate	43	5.569	5.567	0.002	97	418565	50.0	50.5	
59 Tert-amyl methyl ether	73	5.575	5.579	-0.004	96	381726	50.0	49.5	
61 1,2-Dichloroethane	62	5.622	5.620	0.002	96	161750	50.0	48.7	
62 n-Heptane	57	5.687	5.673	0.014	96	52349	50.0	50.0	
* 63 Fluorobenzene	96	5.851	5.849	0.002	98	357588	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.092	6.084	0.008	96	380854	100.0	102.7	
65 n-Butanol	56	6.186	6.190	-0.004	92	98297	1250.0	1182.5	
66 Trichloroethene	95	6.263	6.260	0.003	98	115791	50.0	50.2	
67 Ethyl acrylate	55	6.386	6.384	0.002	98	281153	50.0	50.1	
68 Methylcyclohexane	83	6.398	6.396	0.002	82	113915	50.0	48.4	
69 1,2-Dichloropropane	63	6.586	6.584	0.002	92	141730	50.0	49.4	
* 70 1,4-Dioxane-d8	96	6.651	6.648	0.003	38	23686	1000.0	1000.0	
71 Methyl methacrylate	100	6.662	6.660	0.002	95	73164	100.0	102.4	
72 1,4-Dioxane	88	6.709	6.707	0.002	31	28012	1000.0	916.1	
73 n-Propyl acetate	43	6.715	6.719	-0.004	99	227589	50.0	48.9	
74 Dibromomethane	93	6.739	6.742	-0.003	96	70934	50.0	48.7	
75 Dichlorobromomethane	83	6.903	6.907	-0.004	99	160416	50.0	46.0	
76 2-Nitropropane	41	7.267	7.271	-0.004	78	81128	100.0	96.9	
77 2-Chloroethyl vinyl ether	63	7.267	7.265	0.002	72	97697	50.0	50.3	
78 Epichlorohydrin	57	7.391	7.394	-0.003	99	276876	1000.0	961.9	
79 cis-1,3-Dichloropropene	75	7.455	7.453	0.002	95	213069	50.0	49.5	
80 4-Methyl-2-pentanone (MIBK	43	7.620	7.618	0.002	98	704075	250.0	243.5	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	99	345584	50.0	50.2	
82 Toluene	91	7.808	7.812	-0.004	94	491598	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.184	8.188	-0.004	98	184974	50.0	50.0	
84 Ethyl methacrylate	69	8.196	8.194	0.002	93	173133	50.0	47.6	
85 1,1,2-Trichloroethane	83	8.419	8.417	0.002	96	96062	50.0	46.0	
86 Tetrachloroethene	166	8.478	8.481	-0.003	96	89934	50.0	50.7	
87 1,3-Dichloropropane	76	8.648	8.652	-0.004	94	195460	50.0	49.3	
89 2-Hexanone	58	8.695	8.693	0.002	98	269451	250.0	239.0	
88 n-Butyl acetate	43	8.807	8.805	0.002	99	114356	50.0	45.5	
90 Chlorodibromomethane	129	8.907	8.904	0.003	99	112420	50.0	49.5	
91 Ethylene Dibromide	107	9.077	9.075	0.002	99	106973	50.0	48.9	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	86	259695	50.0	50.0	
93 Chlorobenzene	112	9.600	9.598	0.002	93	297555	50.0	50.8	
94 Ethylbenzene	106	9.671	9.674	-0.003	99	147537	50.0	51.0	
95 1,1,1,2-Tetrachloroethane	131	9.694	9.692	0.002	95	102734	50.0	49.6	
96 m-Xylene & p-Xylene	106	9.794	9.798	-0.004	97	183037	50.0	51.1	
97 n-Butyl acrylate	73	10.135	10.138	-0.003	97	103039	50.0	47.6	
98 o-Xylene	106	10.176	10.174	0.002	93	184438	50.0	52.0	
99 Styrene	104	10.199	10.203	-0.004	95	339759	50.0	50.5	
100 Amyl acetate (mixed isomer	43	10.329	10.332	-0.003	88	255218	50.0	47.9	
101 Bromoform	173	10.393	10.397	-0.004	95	73295	50.0	48.8	
102 Isopropylbenzene	105	10.475	10.479	-0.004	96	385444	50.0	52.2	
$ 103 4-Bromofluorobenzene	174	10.652	10.649	0.003	87	87758	50.0	51.2	
104 Camphene	41	10.669	10.667	0.002	96	28470	50.0	46.8	
105 Bromobenzene	156	10.769	10.767	0.002	96	115951	50.0	50.0	
106 1,1,2,2-Tetrachloroethane	83	10.787	10.785	0.002	99	151356	50.0	47.9	
107 N-Propylbenzene	91	10.804	10.802	0.002	99	450717	50.0	51.4	
108 1,2,3-Trichloropropane	110	10.828	10.832	-0.004	96	40410	50.0	48.3	
109 trans-1,4-Dichloro-2-buten	53	10.834	10.832	0.002	91	50623	50.0	49.7	
110 4-Ethyltoluene	105	10.893	10.890	0.003	97	390913	50.0	48.4	
111 2-Chlorotoluene	91	10.899	10.896	0.002	97	347114	50.0	51.0	
112 1,3,5-Trimethylbenzene	105	10.940	10.937	0.003	93	319600	50.0	51.4	
113 4-Chlorotoluene	91	10.987	10.984	0.003	98	323891	50.0	49.4	
114 Butyl Methacrylate	87	10.998	10.996	0.002	95	177144	50.0	49.9	
115 tert-Butylbenzene	119	11.169	11.167	0.003	93	243118	50.0	51.6	
116 1,2,4-Trimethylbenzene	105	11.216	11.214	0.002	98	343647	50.0	51.4	
117 sec-Butylbenzene	105	11.322	11.319	0.003	99	344033	50.0	50.6	
118 4-Isopropyltoluene	119	11.416	11.413	0.003	97	300004	50.0	51.3	
119 1,3-Dichlorobenzene	146	11.439	11.437	0.002	94	192586	50.0	50.3	
* 120 1,4-Dichlorobenzene-d4	152	11.486	11.484	0.002	96	120311	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.504	11.501	0.003	94	204498	50.0	49.9	
122 Benzyl chloride	91	11.598	11.590	0.008	98	333480	50.0	49.1	
123 2,3-Dihydroindene	117	11.645	11.642	0.003	93	426548	50.0	49.8	
124 p-Diethylbenzene	119	11.662	11.660	0.002	93	203240	50.0	48.1	
125 n-Butylbenzene	91	11.686	11.678	0.008	98	351193	50.0	51.5	
126 1,2-Dichlorobenzene	146	11.750	11.748	0.002	94	196563	50.0	50.1	
127 1,2,4,5-Tetramethylbenzene	119	12.179	12.171	0.008	97	299728	50.0	49.8	
128 1,2-Dibromo-3-Chloropropan	75	12.285	12.283	0.002	95	26681	50.0	46.8	
129 1,3,5-Trichlorobenzene	180	12.373	12.371	0.002	97	111051	50.0	48.9	
130 Camphor	95	12.767	12.759	0.008	94	73257	250.0	244.0	
131 1,2,4-Trichlorobenzene	180	12.832	12.829	0.003	94	99828	50.0	48.9	
132 Hexachlorobutadiene	225	12.896	12.894	0.002	94	37241	50.0	49.1	
133 Naphthalene	128	13.037	13.035	0.002	99	329664	50.0	51.1	
134 1,2,3-Trichlorobenzene	180	13.225	13.223	0.002	95	89438	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		100.0	96.1	
S 136 Xylenes, Total	100				0		100.0	103.1	
S 137 Total BTEX	1				0		250.0	253.4	

Reagents:

GAS Hi_00105	Amount Added:	5.00	Units: uL		
MIX I Hi_00044	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	5.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	5.00	Units: uL		
ACROLEIN W_00040	Amount Added:	10.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

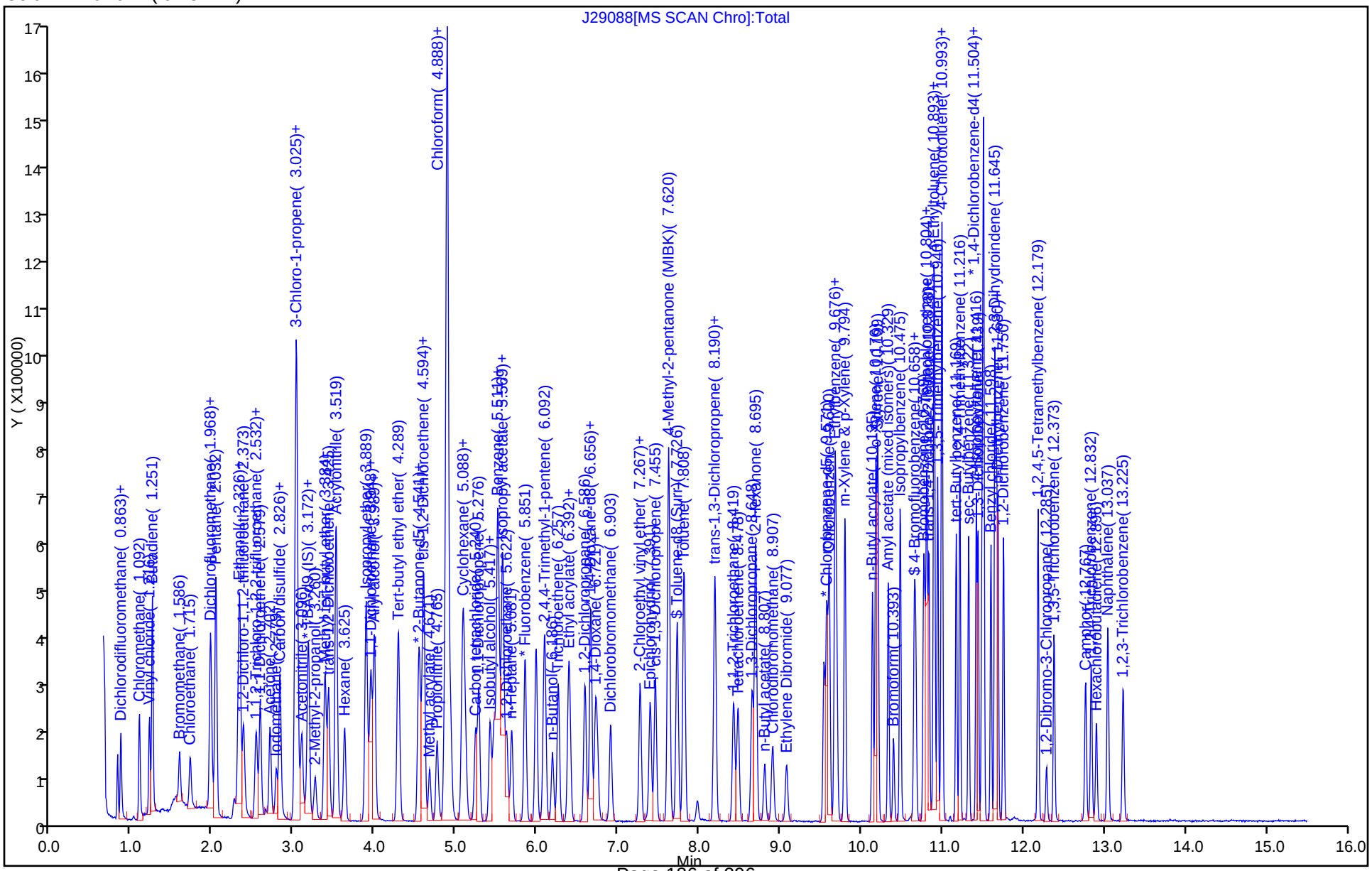
Report Date: 22-Jul-2015 15:34:44 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29088.D

Injection Date:	21-Jul-2015 12:35:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29089.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jul-2015 13:02:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0029885-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 21-Jul-2015 20:13:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.825	0.820	0.005	97	60454	200.0	190.7	
2 Dichlorodifluoromethane	85	0.867	0.861	0.006	100	532674	200.0	192.2	
3 Chloromethane	50	1.096	1.084	0.012	99	727005	200.0	191.7	
4 Vinyl chloride	62	1.219	1.213	0.006	99	682152	200.0	195.0	
5 Butadiene	54	1.254	1.249	0.005	0	632824	200.0	182.3	
6 Bromomethane	94	1.589	1.584	0.005	99	349739	200.0	200.8	
7 Chloroethane	64	1.724	1.713	0.011	100	388761	200.0	186.2	
8 Dichlorofluoromethane	67	1.971	1.960	0.011	99	890767	200.0	191.3	
9 Trichlorofluoromethane	101	1.977	1.971	0.006	100	666770	200.0	197.1	
10 Pentane	72	2.036	2.030	0.006	97	131456	400.0	380.4	
11 Ethanol	46	2.265	2.259	0.006	100	115135	8000.0	7882.1	
12 Ethyl ether	59	2.312	2.306	0.006	96	434996	200.0	187.4	
13 2-Methyl-1,3-butadiene	53	2.335	2.330	0.005	93	483994	200.0	191.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.377	0.000	96	338198	200.0	188.9	
15 1,1,2-Trichloro-1,2,2-trif	101	2.535	2.524	0.011	95	362308	200.0	188.6	
16 Acrolein	56	2.541	2.535	0.006	32	24317	200.0	217.0	
17 1,1-Dichloroethene	96	2.588	2.577	0.011	96	406015	200.0	180.9	
18 Acetone	43	2.706	2.700	0.006	86	1034155	1000.0	864.2	
19 Iodomethane	142	2.782	2.776	0.006	98	557647	200.0	212.2	
20 Carbon disulfide	76	2.829	2.817	0.012	99	1551523	200.0	189.6	
21 Isopropyl alcohol	45	2.835	2.829	0.006	99	339074	2000.0	1851.5	
22 3-Chloro-1-propene	76	3.011	3.005	0.006	92	271704	200.0	184.3	
23 Methyl acetate	43	3.029	3.023	0.006	100	3058228	1000.0	931.1	
24 Cyclopentene	67	3.040	3.035	0.005	89	1368000	200.0	190.4	
25 Acetonitrile	41	3.099	3.094	0.005	98	956468	2000.0	1984.8	
* 26 TBA-d9 (IS)	65	3.170	3.164	0.006	80	176374	1000.0	1000.0	
27 Methylene Chloride	84	3.181	3.176	0.005	99	483823	200.0	175.4	
28 2-Methyl-2-propanol	59	3.264	3.258	0.006	99	485750	2000.0	1948.9	
29 Methyl tert-butyl ether	73	3.381	3.382	-0.001	98	1388655	200.0	189.2	
30 trans-1,2-Dichloroethene	96	3.428	3.423	0.005	98	462738	200.0	179.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.522	3.517	0.005	94	2131447	2000.0	1824.6	
32 Hexane	57	3.628	3.622	0.006	0	392745	200.0	198.9	
33 Isopropyl ether	45	3.892	3.887	0.005	98	1890108	200.0	184.4	
34 1,1-Dichloroethane	63	3.939	3.940	-0.001	99	948209	200.0	190.8	
35 Vinyl acetate	43	3.957	3.951	0.006	100	1081407	400.0	372.7	
36 Allyl alcohol	57	3.975	3.969	0.006	97	254618	5000.0	4936.6	
37 2-Chloro-1,3-butadiene	88	3.992	3.993	-0.001	92	427293	200.0	199.6	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	89	1638632	200.0	183.6	
* 39 2-Butanone-d5	46	4.539	4.527	0.012	82	238911	250.0	250.0	
40 2,2-Dichloropropane	97	4.550	4.551	-0.001	96	161226	200.0	195.7	
41 cis-1,2-Dichloroethene	96	4.592	4.586	0.006	95	507999	200.0	179.7	
43 Ethyl acetate	43	4.603	4.598	0.005	93	1882049	400.0	362.5	
42 2-Butanone (MEK)	72	4.603	4.604	-0.001	97	313989	1000.0	911.7	
44 Methyl acrylate	55	4.674	4.668	0.006	99	539419	200.0	184.2	
45 Propionitrile	54	4.768	4.762	0.006	98	850656	2000.0	1804.5	
47 Tetrahydrofuran	72	4.862	4.856	0.006	90	129936	400.0	365.6	
46 Chlorobromomethane	128	4.868	4.862	0.006	99	222978	200.0	193.2	
48 Methacrylonitrile	67	4.897	4.886	0.011	94	2335816	2000.0	1930.2	
49 Chloroform	83	4.932	4.927	0.005	98	796454	200.0	183.0	
50 Cyclohexane	56	5.079	5.074	0.005	94	644806	200.0	185.0	
51 1,1,1-Trichloroethane	97	5.097	5.091	0.006	99	647039	200.0	185.6	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.115	0.005	96	84425	50.0	50.0	
53 Carbon tetrachloride	117	5.238	5.238	0.000	99	526333	200.0	196.0	
54 1,1-Dichloropropene	75	5.279	5.273	0.006	95	604653	200.0	195.7	
55 Isobutyl alcohol	43	5.420	5.414	0.006	92	818247	5000.0	5085.1	
56 Isooctane	57	5.473	5.461	0.012	99	931180	200.0	177.9	
57 Benzene	78	5.514	5.514	0.000	98	1947544	200.0	192.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.538	5.532	0.006	94	116260	50.0	51.3	
60 Isopropyl acetate	43	5.573	5.567	0.006	96	1647236	200.0	193.0	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	93	1505978	200.0	189.5	
61 1,2-Dichloroethane	62	5.626	5.620	0.006	97	649837	200.0	189.9	
62 n-Heptane	57	5.684	5.673	0.011	96	195662	200.0	181.6	
* 63 Fluorobenzene	96	5.849	5.849	0.000	98	368163	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.084	0.006	94	1479805	400.0	387.7	
65 n-Butanol	56	6.190	6.190	0.000	91	391244	5000.0	4607.6	
66 Trichloroethene	95	6.260	6.260	0.000	98	454957	200.0	191.6	
67 Ethyl acrylate	55	6.390	6.384	0.006	99	1112697	200.0	192.7	
68 Methylcyclohexane	83	6.401	6.396	0.005	95	437311	200.0	180.3	
69 1,2-Dichloropropane	63	6.589	6.584	0.005	92	548946	200.0	185.8	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	21	18739	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	94	300727	400.0	408.8	
72 1,4-Dioxane	88	6.713	6.707	0.006	36	106818	4000.0	4415.4	
73 n-Propyl acetate	43	6.719	6.719	0.000	99	905583	200.0	188.9	
74 Dibromomethane	93	6.742	6.742	0.000	96	280650	200.0	187.0	
75 Dichlorobromomethane	83	6.907	6.907	0.000	99	642913	200.0	178.9	
77 2-Chloroethyl vinyl ether	63	7.271	7.265	0.006	96	395611	200.0	197.8	
76 2-Nitropropane	41	7.271	7.271	0.000	90	323311	400.0	378.9	
78 Epichlorohydrin	57	7.394	7.394	0.000	100	1081169	4000.0	3751.3	
79 cis-1,3-Dichloropropene	75	7.459	7.453	0.006	95	847549	200.0	193.6	
80 4-Methyl-2-pentanone (MIBK	43	7.623	7.618	0.005	98	2721013	1000.0	939.9	
$ 81 Toluene-d8 (Surr)	98	7.729	7.723	0.006	99	357540	50.0	51.1	
82 Toluene	91	7.811	7.812	-0.001	94	1916734	200.0	190.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.187	8.188	-0.001	99	730318	200.0	194.2	
84 Ethyl methacrylate	69	8.199	8.194	0.005	92	690204	200.0	184.4	
85 1,1,2-Trichloroethane	83	8.422	8.417	0.005	96	374720	200.0	176.4	
86 Tetrachloroethene	166	8.481	8.481	0.000	97	356527	200.0	197.7	
87 1,3-Dichloropropane	76	8.652	8.652	0.000	94	775906	200.0	192.4	
89 2-Hexanone	58	8.693	8.693	0.000	98	1026506	1000.0	909.3	
88 n-Butyl acetate	43	8.804	8.805	-0.001	98	460169	200.0	180.2	
90 Chlorodibromomethane	129	8.904	8.904	0.000	98	441021	200.0	191.1	
91 Ethylene Dibromide	107	9.075	9.075	0.000	99	427293	200.0	192.0	
* 92 Chlorobenzene-d5	117	9.574	9.568	0.006	88	264086	50.0	50.0	
93 Chlorobenzene	112	9.603	9.598	0.005	93	1158737	200.0	194.5	
94 Ethylbenzene	106	9.674	9.674	0.000	99	580569	200.0	197.3	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	96	409429	200.0	194.2	
96 m-Xylene & p-Xylene	106	9.797	9.798	-0.001	97	715160	200.0	196.3	
97 n-Butyl acrylate	73	10.138	10.138	0.000	97	413651	200.0	188.0	
98 o-Xylene	106	10.179	10.174	0.005	94	708288	200.0	196.5	
99 Styrene	104	10.203	10.203	0.000	94	1330490	200.0	194.6	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	90	1029131	200.0	181.0	
101 Bromoform	173	10.397	10.397	0.000	96	301162	200.0	197.2	
102 Isopropylbenzene	105	10.479	10.479	0.000	97	1484086	200.0	197.6	
$ 103 4-Bromofluorobenzene	174	10.655	10.649	0.006	88	88891	50.0	51.0	
104 Camphene	41	10.667	10.667	0.000	96	111359	200.0	189.6	
105 Bromobenzene	156	10.767	10.767	0.000	97	469829	200.0	189.5	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.785	-0.001	99	604159	200.0	178.9	
107 N-Propylbenzene	91	10.808	10.802	0.006	99	1770788	200.0	189.0	
108 1,2,3-Trichloropropane	110	10.831	10.832	-0.001	94	162340	200.0	181.7	
109 trans-1,4-Dichloro-2-buten	53	10.837	10.832	0.005	93	207733	200.0	190.8	
110 4-Ethyltoluene	105	10.896	10.890	0.006	97	1569501	200.0	181.8	
111 2-Chlorotoluene	91	10.902	10.896	0.006	97	1371831	200.0	188.5	
112 1,3,5-Trimethylbenzene	105	10.943	10.937	0.006	93	1257863	200.0	189.3	
113 4-Chlorotoluene	91	10.990	10.984	0.006	97	1285660	200.0	183.5	
114 Butyl Methacrylate	87	10.996	10.996	0.000	95	728086	200.0	192.1	
115 tert-Butylbenzene	119	11.172	11.167	0.006	93	945248	200.0	187.9	
116 1,2,4-Trimethylbenzene	105	11.219	11.214	0.005	98	1339137	200.0	187.6	
117 sec-Butylbenzene	105	11.325	11.319	0.006	99	1327640	200.0	183.0	
118 4-Isopropyltoluene	119	11.419	11.413	0.006	98	1201504	200.0	192.3	
119 1,3-Dichlorobenzene	146	11.442	11.437	0.005	95	777835	200.0	190.3	
* 120 1,4-Dichlorobenzene-d4	152	11.489	11.484	0.005	96	128529	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.507	11.501	0.006	93	819216	200.0	187.2	
122 Benzyl chloride	91	11.601	11.590	0.011	99	1304620	200.0	179.8	
123 2,3-Dihydroindene	117	11.654	11.642	0.012	93	1693004	200.0	184.9	
124 p-Diethylbenzene	119	11.672	11.660	0.012	93	820810	200.0	181.8	
125 n-Butylbenzene	91	11.689	11.678	0.011	93	1287441	200.0	176.8	
126 1,2-Dichlorobenzene	146	11.760	11.748	0.012	95	786652	200.0	187.7	
127 1,2,4,5-Tetramethylbenzene	119	12.189	12.171	0.018	98	1160574	200.0	180.5	
128 1,2-Dibromo-3-Chloropropan	75	12.288	12.283	0.005	97	108476	200.0	177.9	
129 1,3,5-Trichlorobenzene	180	12.382	12.371	0.011	96	435379	200.0	179.3	
130 Camphor	95	12.776	12.759	0.017	94	291643	1000.0	909.4	
131 1,2,4-Trichlorobenzene	180	12.847	12.829	0.018	94	400055	200.0	183.4	
132 Hexachlorobutadiene	225	12.911	12.894	0.017	94	151636	200.0	190.0	
133 Naphthalene	128	13.046	13.035	0.011	99	1316770	200.0	191.1	
134 1,2,3-Trichlorobenzene	180	13.240	13.223	0.017	95	361008	200.0	192.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		400.0	359.3	
S 136 Xylenes, Total	100				0		400.0	392.8	
S 137 Total BTEX	1				0		1000.0	972.2	

Reagents:

GAS Hi_00105	Amount Added:	20.00	Units: uL		
MIX I Hi_00044	Amount Added:	20.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	20.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	20.00	Units: uL		
ACROLEIN W_00040	Amount Added:	20.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:49 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29089.D

Injection Date: 21-Jul-2015 13:02:30 Instrument ID: CVOAMS8 Operator ID:

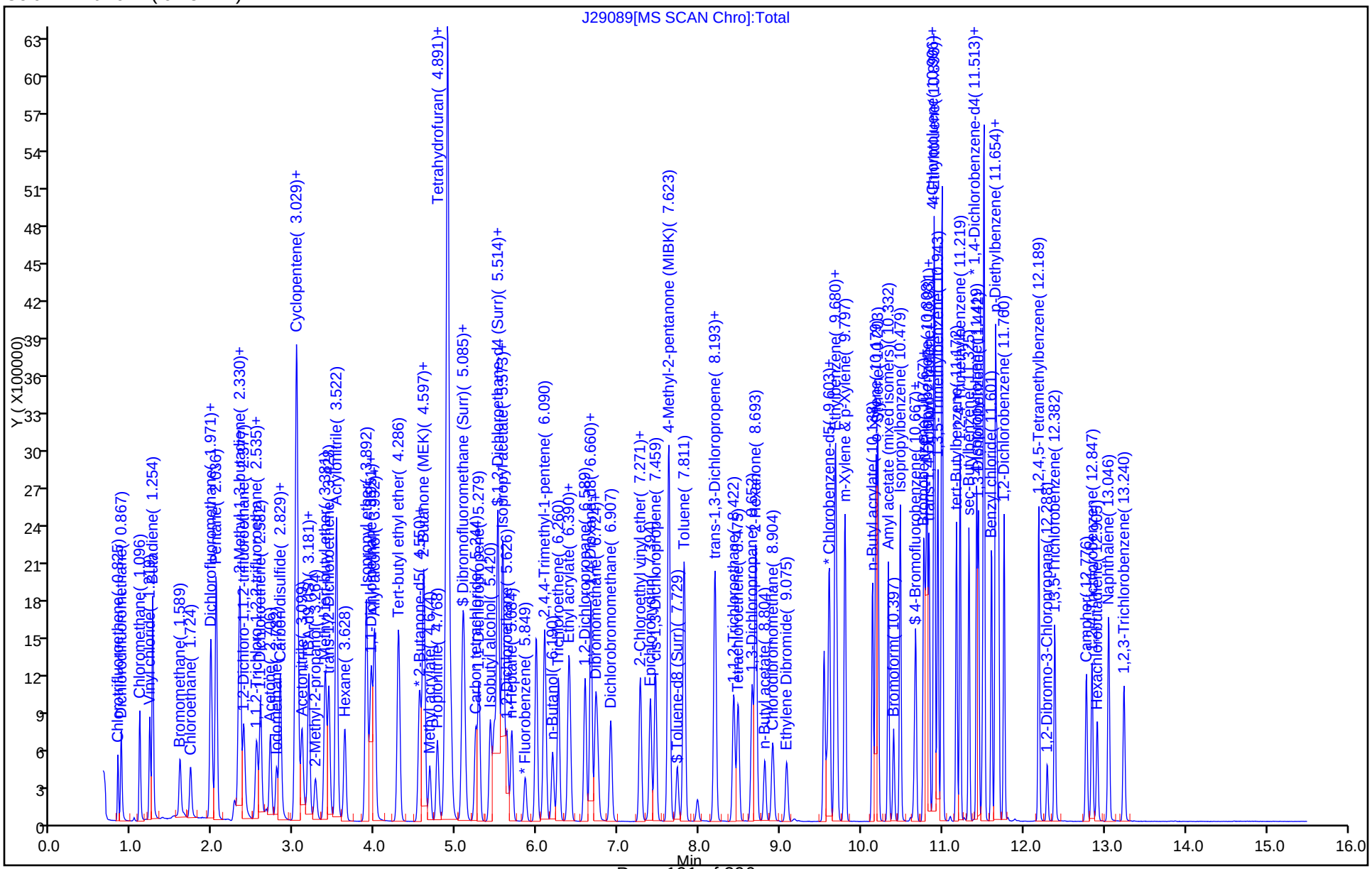
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29090.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-Jul-2015 13:28:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0029885-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:53 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: boykink Date: 21-Jul-2015 22:17:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.819	0.820	-0.001	96	145018	500.0	434.5	
2 Dichlorodifluoromethane	85	0.861	0.861	0.000	100	1291978	500.0	442.9	
3 Chloromethane	50	1.090	1.084	0.006	99	1770053	500.0	443.4	
4 Vinyl chloride	62	1.213	1.213	0.000	98	1645248	500.0	446.8	
5 Butadiene	54	1.248	1.249	-0.001	0	1530918	500.0	418.9	
6 Bromomethane	94	1.589	1.584	0.005	99	939129	500.0	512.1	
7 Chloroethane	64	1.718	1.713	0.005	100	954890	500.0	434.3	
8 Dichlorofluoromethane	67	1.965	1.960	0.005	99	2150677	500.0	438.6	
9 Trichlorofluoromethane	101	1.971	1.971	0.000	100	1616707	500.0	454.0	
10 Pentane	72	2.036	2.030	0.006	96	324665	1000.0	866.4	
11 Ethanol	46	2.265	2.259	0.006	99	295540	20000	18657	
12 Ethyl ether	59	2.312	2.306	0.006	96	1093458	500.0	447.5	
13 2-Methyl-1,3-butadiene	53	2.329	2.330	-0.001	92	1187093	500.0	446.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.376	2.377	-0.001	95	857270	500.0	454.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.535	2.524	0.011	96	910968	500.0	521.0	
16 Acrolein	56	2.541	2.535	0.006	30	47901	400.0	394.1	
17 1,1-Dichloroethene	96	2.582	2.577	0.005	96	1036122	500.0	438.6	
18 Acetone	43	2.706	2.700	0.006	86	2549550	2500.0	2013.4	
19 Iodomethane	142	2.782	2.776	0.006	98	1354458	500.0	489.5	
20 Carbon disulfide	76	2.823	2.817	0.006	99	3771139	500.0	437.8	
21 Isopropyl alcohol	45	2.835	2.829	0.006	99	885072	5000.0	4464.3	
22 3-Chloro-1-propene	76	3.011	3.005	0.006	92	695022	500.0	447.9	
23 Methyl acetate	43	3.029	3.023	0.006	98	6979058	2500.0	2018.5	
24 Cyclopentene	67	3.035	3.035	0.000	90	3366446	500.0	445.1	
25 Acetonitrile	41	3.099	3.094	0.005	98	2386701	5000.0	4567.0	
* 26 TBA-d9 (IS)	65	3.176	3.164	0.012	83	191271	1000.0	1000.0	
27 Methylene Chloride	84	3.181	3.176	0.005	97	1212340	500.0	417.5	
28 2-Methyl-2-propanol	59	3.264	3.258	0.006	99	1230609	5000.0	4581.7	
29 Methyl tert-butyl ether	73	3.381	3.382	-0.001	98	3445811	500.0	446.0	
30 trans-1,2-Dichloroethene	96	3.428	3.423	0.005	98	1155923	500.0	426.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.522	3.517	0.005	92	5089209	5000.0	4017.2	
32 Hexane	57	3.622	3.622	0.000	0	966417	500.0	500.2	
33 Isopropyl ether	45	3.892	3.887	0.005	97	4559087	500.0	422.6	
34 1,1-Dichloroethane	63	3.939	3.940	-0.001	100	2366318	500.0	452.3	
35 Vinyl acetate	43	3.957	3.951	0.006	100	2686897	1000.0	879.6	
36 Allyl alcohol	57	3.975	3.969	0.006	93	640693	12500	11454	
37 2-Chloro-1,3-butadiene	88	3.992	3.993	-0.001	92	1086214	500.0	481.9	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	90	4006331	500.0	426.5	
* 39 2-Butanone-d5	46	4.539	4.527	0.012	81	252818	250.0	250.0	
40 2,2-Dichloropropane	97	4.556	4.551	0.005	96	398847	500.0	461.5	
41 cis-1,2-Dichloroethene	96	4.592	4.586	0.006	96	1296955	500.0	435.8	
43 Ethyl acetate	43	4.603	4.598	0.005	93	4572530	1000.0	832.3	
42 2-Butanone (MEK)	72	4.603	4.604	-0.001	98	813582	2500.0	2232.5	
44 Methyl acrylate	55	4.674	4.668	0.006	99	1362667	500.0	441.9	
45 Propionitrile	54	4.768	4.762	0.006	98	2115143	5000.0	4137.5	
47 Tetrahydrofuran	72	4.856	4.856	0.000	87	334537	1000.0	889.6	
46 Chlorobromomethane	128	4.868	4.862	0.006	98	575541	500.0	473.8	
48 Methacrylonitrile	67	4.903	4.886	0.017	95	5595681	5000.0	4392.4	
49 Chloroform	83	4.938	4.927	0.011	98	1994790	500.0	435.5	
50 Cyclohexane	56	5.079	5.074	0.005	94	1603002	500.0	436.8	
51 1,1,1-Trichloroethane	97	5.097	5.091	0.006	98	1626069	500.0	443.0	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.115	0.005	96	87445	50.0	49.2	
53 Carbon tetrachloride	117	5.238	5.238	0.000	99	1346121	500.0	476.2	
54 1,1-Dichloropropene	75	5.279	5.273	0.006	95	1531971	500.0	471.0	
55 Isobutyl alcohol	43	5.426	5.414	0.012	92	2108479	12500	12083	
56 Isooctane	57	5.467	5.461	0.006	99	2389507	500.0	433.6	
57 Benzene	78	5.514	5.514	0.000	98	4742915	500.0	443.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.537	5.532	0.005	87	119464	50.0	50.1	
60 Isopropyl acetate	43	5.573	5.567	0.006	97	3991318	500.0	444.3	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	92	3762329	500.0	449.8	
61 1,2-Dichloroethane	62	5.626	5.620	0.006	96	1621262	500.0	450.0	
62 n-Heptane	57	5.684	5.673	0.011	96	502030	500.0	442.6	
* 63 Fluorobenzene	96	5.849	5.849	0.000	98	387581	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.084	0.006	94	3589585	1000.0	893.2	
65 n-Butanol	56	6.190	6.190	0.000	91	1032882	12500	11217	
66 Trichloroethene	95	6.260	6.260	0.000	98	1173789	500.0	469.5	
67 Ethyl acrylate	55	6.389	6.384	0.005	99	2767613	500.0	455.3	
68 Methylcyclohexane	83	6.401	6.396	0.005	81	1115870	500.0	437.1	
69 1,2-Dichloropropane	63	6.589	6.584	0.005	91	1402655	500.0	450.9	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	20	21617	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	93	770045	1000.0	994.3	
72 1,4-Dioxane	88	6.718	6.707	0.011	89	287054	10000	10286	
73 n-Propyl acetate	43	6.718	6.719	-0.001	99	2255963	500.0	447.1	
74 Dibromomethane	93	6.742	6.742	0.000	97	702032	500.0	444.3	
75 Dichlorobromomethane	83	6.906	6.907	-0.001	99	1634802	500.0	432.2	
77 2-Chloroethyl vinyl ether	63	7.271	7.265	0.006	92	1000053	500.0	475.0	
76 2-Nitropropane	41	7.277	7.271	0.006	81	806483	1000.0	899.5	
78 Epichlorohydrin	57	7.400	7.394	0.006	100	2674588	10000	8769.5	
79 cis-1,3-Dichloropropene	75	7.459	7.453	0.006	94	2117616	500.0	458.2	
80 4-Methyl-2-pentanone (MIBK	43	7.623	7.618	0.005	96	6354121	2500.0	2074.1	
$ 81 Toluene-d8 (Surr)	98	7.729	7.723	0.006	99	368844	50.0	49.9	
82 Toluene	91	7.811	7.812	-0.001	95	4603810	500.0	432.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.187	8.188	-0.001	99	1832027	500.0	461.5	
84 Ethyl methacrylate	69	8.199	8.194	0.005	92	1721043	500.0	436.8	
85 1,1,2-Trichloroethane	83	8.422	8.417	0.005	97	945215	500.0	421.6	
86 Tetrachloroethene	166	8.475	8.481	-0.006	96	899383	500.0	472.4	
87 1,3-Dichloropropane	76	8.651	8.652	-0.001	97	1928170	500.0	453.0	
89 2-Hexanone	58	8.698	8.693	0.005	96	2601037	2500.0	2177.2	
88 n-Butyl acetate	43	8.804	8.805	-0.001	99	1149329	500.0	426.2	
90 Chlorodibromomethane	129	8.904	8.904	0.000	98	1140273	500.0	468.0	
91 Ethylene Dibromide	107	9.080	9.075	0.005	98	1078327	500.0	459.0	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	87	278819	50.0	50.0	
93 Chlorobenzene	112	9.603	9.598	0.005	92	2894958	500.0	460.3	
94 Ethylbenzene	106	9.674	9.674	0.000	98	1487650	500.0	478.9	
95 1,1,1,2-Tetrachloroethane	131	9.691	9.692	-0.001	96	1066601	500.0	479.3	
96 m-Xylene & p-Xylene	106	9.797	9.798	-0.001	96	1803192	500.0	468.8	
97 n-Butyl acrylate	73	10.138	10.138	0.000	98	1085163	500.0	467.2	
98 o-Xylene	106	10.179	10.174	0.005	96	1845206	500.0	484.8	
99 Styrene	104	10.203	10.203	0.000	92	3336671	500.0	462.2	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	91	2621074	500.0	436.6	
101 Bromoform	173	10.396	10.397	-0.001	96	815905	500.0	505.9	
102 Isopropylbenzene	105	10.479	10.479	0.000	97	3649901	500.0	460.3	
$ 103 4-Bromofluorobenzene	174	10.655	10.649	0.006	93	96655	50.0	52.6	
104 Camphene	41	10.667	10.667	0.000	96	287149	500.0	513.6	
105 Bromobenzene	156	10.767	10.767	0.000	97	1268393	500.0	484.7	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.785	-0.001	98	1533018	500.0	430.1	
107 N-Propylbenzene	91	10.808	10.802	0.006	98	4258608	500.0	430.5	
108 1,2,3-Trichloropropane	110	10.831	10.832	-0.001	97	436379	500.0	462.6	
109 trans-1,4-Dichloro-2-buten	53	10.837	10.832	0.005	92	540223	500.0	470.1	
110 4-Ethyltoluene	105	10.896	10.890	0.006	96	3829157	500.0	420.1	
111 2-Chlorotoluene	91	10.902	10.896	0.006	98	3408001	500.0	443.7	
112 1,3,5-Trimethylbenzene	105	10.943	10.937	0.006	94	3085844	500.0	440.0	
113 4-Chlorotoluene	91	10.990	10.984	0.006	97	3197217	500.0	432.4	
114 Butyl Methacrylate	87	10.996	10.996	0.000	93	1852264	500.0	463.1	
115 tert-Butylbenzene	119	11.172	11.167	0.006	94	2421816	500.0	456.0	
116 1,2,4-Trimethylbenzene	105	11.213	11.214	-0.001	98	3256776	500.0	432.2	
117 sec-Butylbenzene	105	11.325	11.319	0.006	97	3267014	500.0	426.5	
118 4-Isopropyltoluene	119	11.419	11.413	0.006	97	2934880	500.0	445.1	
119 1,3-Dichlorobenzene	146	11.436	11.437	-0.001	94	1929642	500.0	447.2	
* 120 1,4-Dichlorobenzene-d4	152	11.489	11.484	0.005	94	135659	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.501	0.000	92	2029249	500.0	439.4	
122 Benzyl chloride	91	11.595	11.590	0.005	99	3002979	500.0	392.2	
123 2,3-Dihydroindene	117	11.648	11.642	0.006	94	3962432	500.0	410.0	
124 p-Diethylbenzene	119	11.666	11.660	0.006	93	1993582	500.0	418.4	
125 n-Butylbenzene	91	11.683	11.678	0.005	98	3166009	500.0	411.9	
126 1,2-Dichlorobenzene	146	11.754	11.748	0.006	94	1907652	500.0	431.3	
127 1,2,4,5-Tetramethylbenzene	119	12.177	12.171	0.006	98	2773697	500.0	408.7	
128 1,2-Dibromo-3-Chloropropan	75	12.283	12.283	0.000	97	277710	500.0	431.6	
129 1,3,5-Trichlorobenzene	180	12.377	12.371	0.006	97	1103586	500.0	430.6	
130 Camphor	95	12.764	12.759	0.005	94	753136	2500.0	2224.9	
131 1,2,4-Trichlorobenzene	180	12.835	12.829	0.006	94	1024463	500.0	445.0	
132 Hexachlorobutadiene	225	12.894	12.894	0.000	94	388797	500.0	462.8	
133 Naphthalene	128	13.035	13.035	0.000	98	3257606	500.0	448.0	
134 1,2,3-Trichlorobenzene	180	13.228	13.223	0.005	95	912894	500.0	461.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		1000.0	862.0	
S 136 Xylenes, Total	100				0		1000.0	953.6	
S 137 Total BTEX	1				0		2500.0	2307.8	

Reagents:

GAS Hi_00105	Amount Added:	50.00	Units: uL		
MIX I Hi_00044	Amount Added:	50.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	50.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	50.00	Units: uL		
ACROLEIN W_00040	Amount Added:	40.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

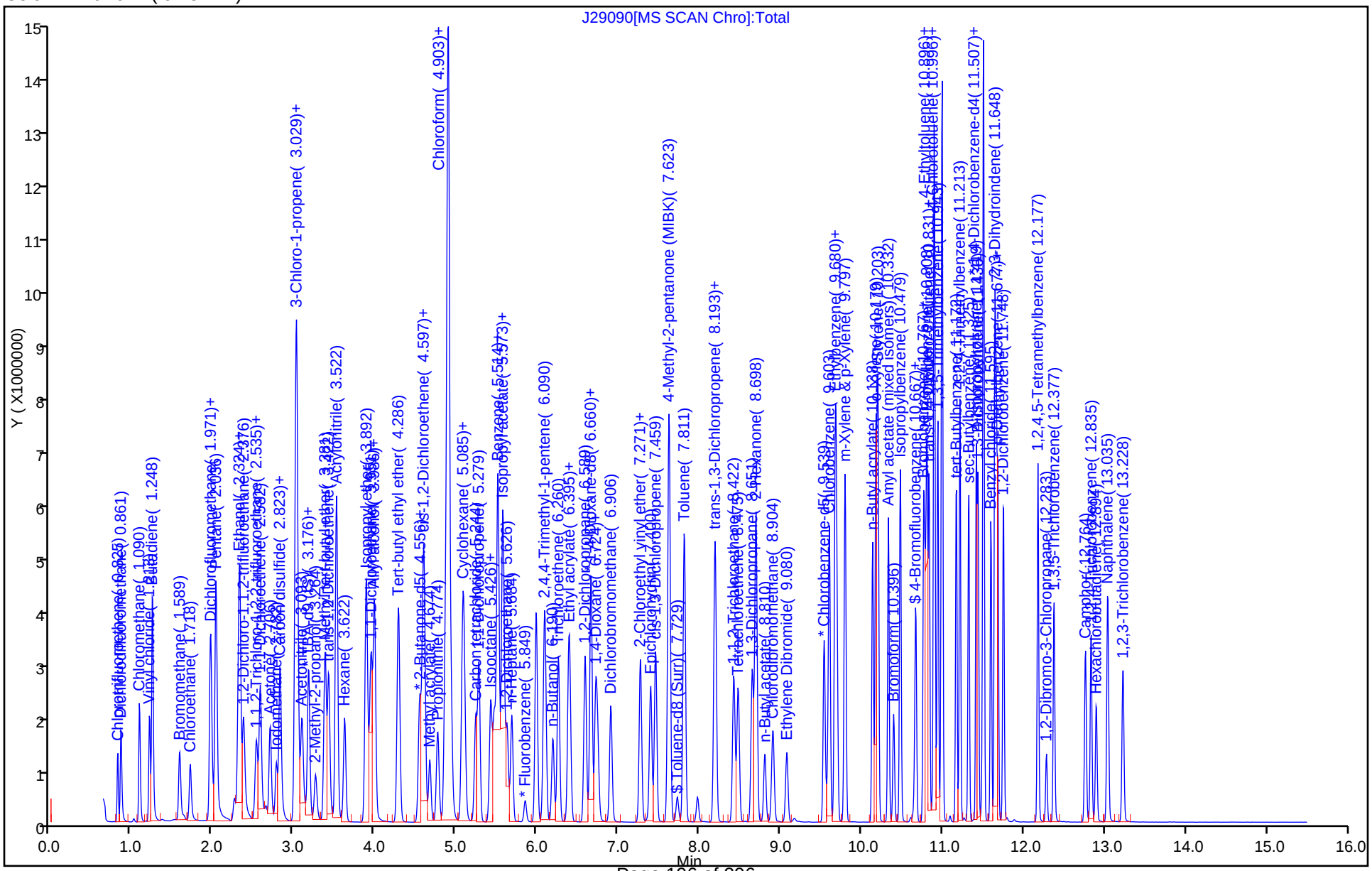
Report Date: 22-Jul-2015 15:34:55 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29090.D

Injection Date:	21-Jul-2015 13:28:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29093.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 21-Jul-2015 14:47:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0029885-011
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:59 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: baronm Date: 22-Jul-2015 13:01:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.159	3.164	-0.006	80	186967	1000.0	1000.0	
31 Acrylonitrile	53	3.517	3.517	0.000	36	2864	2.00	2.31	M
* 39 2-Butanone-d5	46	4.533	4.527	0.006	85	249959	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	96	86706	50.0	50.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	96	117156	50.0	50.3	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	378525	50.0	50.0	
* 70 1,4-Dioxane-d8	96	6.643	6.648	-0.005	93	23663	1000.0	1000.0	
78 Epichlorohydrin	57	7.401	7.394	0.007	5	1388	5.00	4.60	
$ 81 Toluene-d8 (Surr)	98	7.724	7.723	0.001	99	358892	50.0	49.0	
* 92 Chlorobenzene-d5	117	9.569	9.568	0.001	87	276344	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.649	0.001	86	87302	50.0	47.9	
* 120 1,4-Dichlorobenzene-d4	152	11.490	11.484	0.006	96	119324	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

GAS Hi_00105	Amount Added:	0.00	Units: uL	
MIX I Hi_00044	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00032	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00016	Amount Added:	0.00	Units: uL	
ACROLEIN W_00040	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00012	Amount Added:	2.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

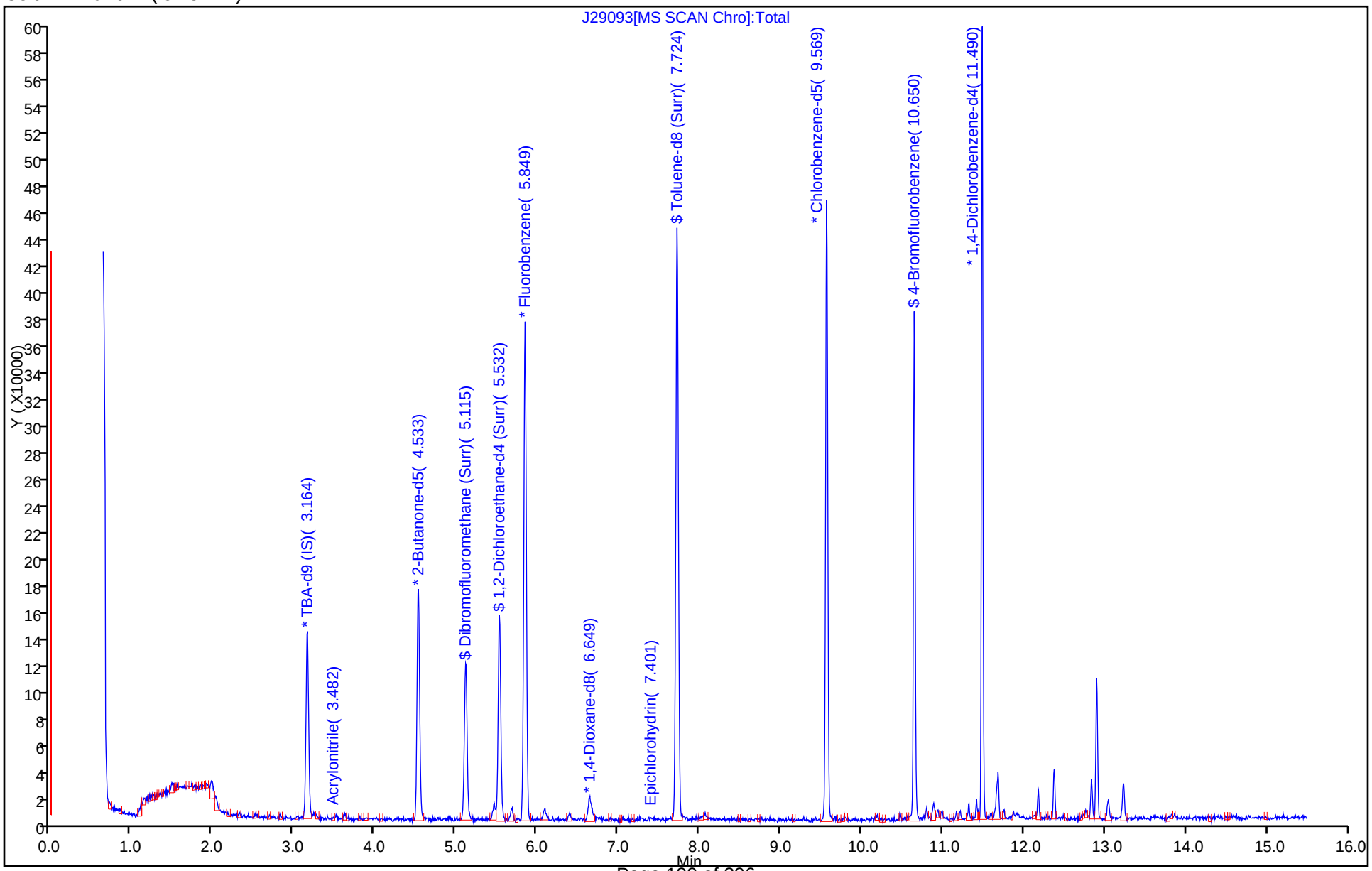
Report Date: 22-Jul-2015 15:35:02 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29093.D

Injection Date:	21-Jul-2015 14:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

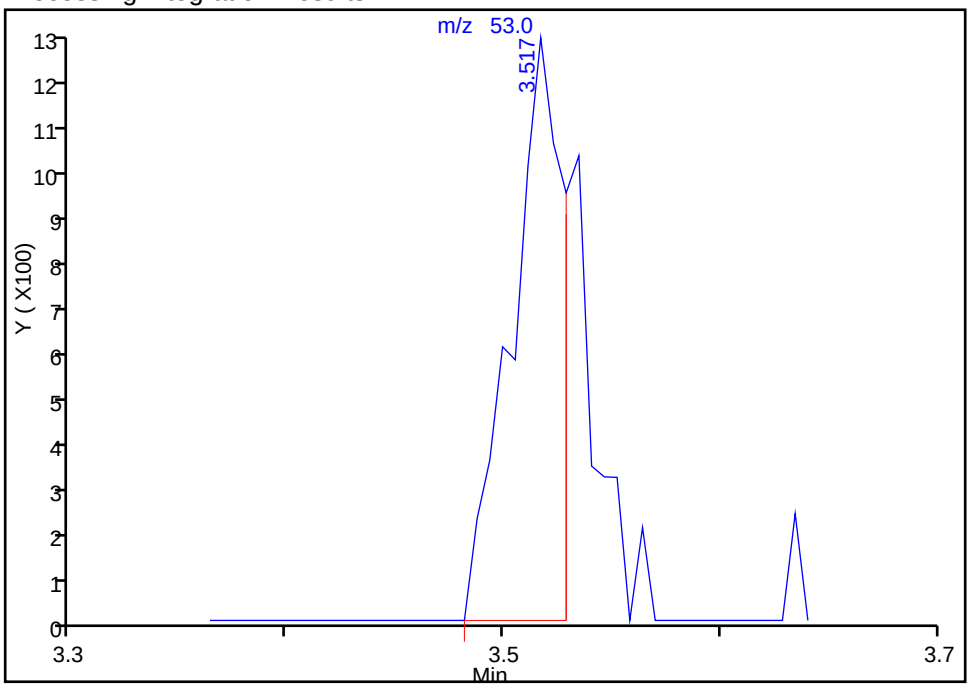
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29093.D
Injection Date: 21-Jul-2015 14:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acrylonitrile, CAS: 107-13-1

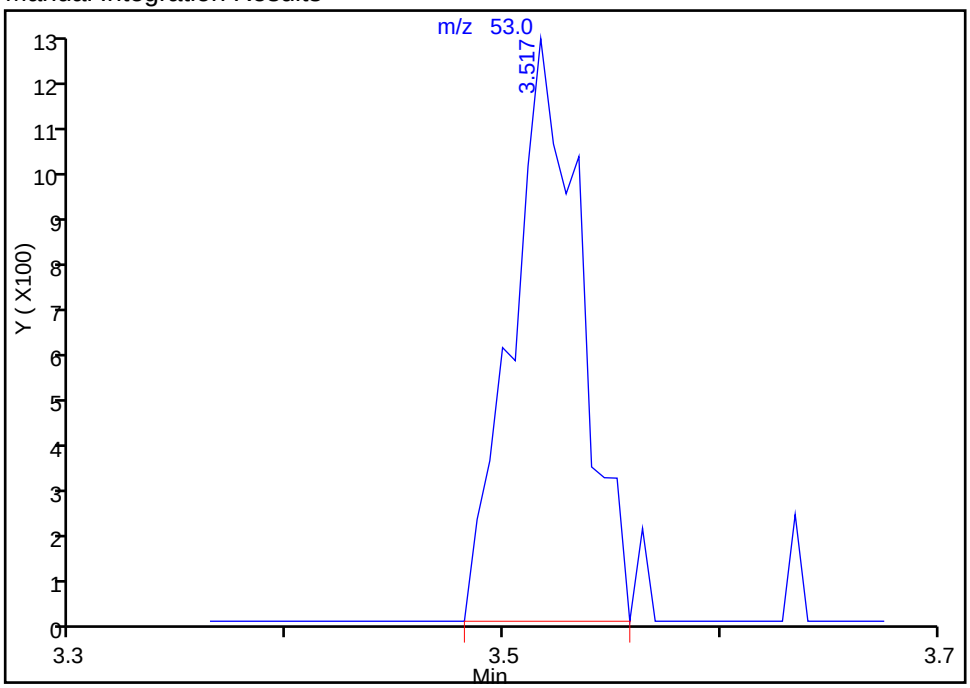
Processing Integration Results

RT: 3.52
Area: 2152
Amount: 1.812241
Amount Units: ug/l



Manual Integration Results

RT: 3.52
Area: 2864
Amount: 2.312778
Amount Units: ug/l



Reviewer: baronm, 22-Jul-2015 13:01:09
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jul-2015 18:18:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0029885-019
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:35:16 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: baronm Date: 22-Jul-2015 13:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.815	0.820	-0.005	28	293	1.00	0.8515	
2 Dichlorodifluoromethane	85	0.856	0.861	-0.005	55	2856	1.00	0.9496	
3 Chloromethane	50	1.085	1.084	0.001	97	4061	1.00	0.9867	
4 Vinyl chloride	62	1.208	1.213	-0.005	95	3312	1.00	0.8725	
5 Butadiene	54	1.250	1.249	0.001	0	4351	1.00	1.15	
6 Bromomethane	94	1.590	1.584	0.006	27	2443	1.00	1.29	
7 Chloroethane	64	1.720	1.713	0.007	54	2353	1.00	1.04	
8 Dichlorofluoromethane	67	1.960	1.960	0.000	94	4487	1.00	0.8877	
9 Trichlorofluoromethane	101	1.966	1.971	-0.005	68	3168	1.00	0.8630	
10 Pentane	72	2.037	2.030	0.007	88	655	2.00	1.79	
11 Ethanol	46	2.254	2.259	-0.005	19	635	40.0	41.0	
12 Ethyl ether	59	2.301	2.306	-0.005	94	2521	1.00	1.00	
13 2-Methyl-1,3-butadiene	53	2.331	2.330	0.001	83	2605	1.00	0.9513	
14 1,2-Dichloro-1,1,2-trifluo	117	2.378	2.377	0.001	8	1831	1.00	0.9422	
15 1,1,2-Trichloro-1,2,2-trif	101	2.519	2.524	-0.005	26	996	1.00	0.9746	
16 Acrolein	56	2.536	2.535	0.001	1	471	4.00	3.96	M
17 1,1-Dichloroethene	96	2.583	2.577	0.006	88	2562	1.00	1.05	
18 Acetone	43	2.695	2.700	-0.005	84	7804	5.00	5.99	
19 Iodomethane	142	2.771	2.776	-0.005	79	2138	1.00	0.7495	
20 Carbon disulfide	76	2.818	2.817	0.001	98	8856	1.00	1.00	
21 Isopropyl alcohol	45	2.830	2.829	0.001	42	2943	10.0	9.69	
22 3-Chloro-1-propene	76	3.006	3.005	0.001	75	1689	1.00	1.06	
23 Methyl acetate	43	3.018	3.023	-0.005	99	19131	5.00	5.37	
24 Cyclopentene	67	3.036	3.035	0.001	53	7903	1.00	1.01	
25 Acetonitrile	41	3.089	3.094	-0.005	82	4619	10.0	9.04	
* 26 TBA-d9 (IS)	65	3.165	3.164	0.001	81	186967	1000.0	1000.0	
27 Methylene Chloride	84	3.177	3.176	0.001	37	3789	1.00	1.27	
28 2-Methyl-2-propanol	59	3.253	3.258	-0.005	88	8192	10.0	9.81	
29 Methyl tert-butyl ether	73	3.376	3.382	-0.006	93	7901	1.00	0.99	
30 trans-1,2-Dichloroethene	96	3.423	3.423	0.000	90	3172	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.512	3.517	-0.005	92	12571	10.0	10.2	
32 Hexane	57	3.617	3.622	-0.005	0	1495	1.00	0.6668	
33 Isopropyl ether	45	3.893	3.887	0.006	97	11323	1.00	1.02	
34 1,1-Dichloroethane	63	3.935	3.940	-0.005	44	5329	1.00	0.9880	
35 Vinyl acetate	43	3.952	3.951	0.001	98	6352	2.00	2.02	
36 Allyl alcohol	57	3.970	3.969	0.001	3	1600	25.0	29.3	
37 2-Chloro-1,3-butadiene	88	3.999	3.993	0.006	25	2067	1.00	0.8896	
38 Tert-butyl ethyl ether	59	4.287	4.286	0.001	91	10260	1.00	1.06	
* 39 2-Butanone-d5	46	4.528	4.527	0.001	85	260023	250.0	250.0	
40 2,2-Dichloropropane	97	4.546	4.551	-0.005	45	2017	1.00	1.01	
41 cis-1,2-Dichloroethene	96	4.581	4.586	-0.005	75	3476	1.00	1.13	
43 Ethyl acetate	43	4.599	4.598	0.001	81	13261	2.00	2.35	
42 2-Butanone (MEK)	72	4.593	4.604	-0.011	97	2061	5.00	5.50	
44 Methyl acrylate	55	4.669	4.668	0.001	60	3835	1.00	1.21	
45 Propionitrile	54	4.763	4.762	0.001	96	5844	10.0	11.7	
47 Tetrahydrofuran	72	4.857	4.856	0.001	28	860	2.00	2.22	
46 Chlorobromomethane	128	4.851	4.862	-0.011	27	1012	1.00	0.8081	
48 Methacrylonitrile	67	4.892	4.886	0.006	94	13282	10.0	10.1	
49 Chloroform	83	4.933	4.927	0.006	57	5432	1.00	1.15	
50 Cyclohexane	56	5.074	5.074	0.000	38	3808	1.00	1.01	
51 1,1,1-Trichloroethane	97	5.098	5.091	0.007	35	3976	1.00	1.05	
$ 52 Dibromofluoromethane (Surr	113	5.116	5.115	0.001	96	91370	50.0	49.9	
53 Carbon tetrachloride	117	5.251	5.238	0.013	39	2399	1.00	0.8231	
54 1,1-Dichloropropene	75	5.280	5.273	0.007	90	2899	1.00	0.8646	
55 Isobutyl alcohol	43	5.415	5.414	0.001	42	4673	25.0	27.4	
56 Isooctane	57	5.462	5.461	0.001	75	6714	1.00	1.18	
57 Benzene	78	5.515	5.514	0.001	96	10920	1.00	0.9895	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.533	5.532	0.001	95	120235	50.0	48.9	
60 Isopropyl acetate	43	5.568	5.567	0.001	87	8546	1.00	0.9227	
59 Tert-amyl methyl ether	73	5.574	5.579	-0.005	83	8644	1.00	1.00	
61 1,2-Dichloroethane	62	5.621	5.620	0.001	97	3698	1.00	1.00	
62 n-Heptane	57	5.668	5.673	-0.005	11	1169	1.00	1.00	
* 63 Fluorobenzene	96	5.850	5.849	0.001	97	399569	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.085	6.084	0.001	94	7623	2.00	1.84	
65 n-Butanol	56	6.179	6.190	-0.011	58	3081	25.0	34.2	
66 Trichloroethene	95	6.261	6.260	0.001	89	2267	1.00	0.8795	
67 Ethyl acrylate	55	6.373	6.384	-0.011	93	5517	1.00	0.8804	
68 Methylcyclohexane	83	6.396	6.396	0.000	39	2347	1.00	0.8918	
69 1,2-Dichloropropane	63	6.590	6.584	0.006	77	3352	1.00	1.05	
* 70 1,4-Dioxane-d8	96	6.643	6.648	-0.005	85	22457	1000.0	1000.0	
71 Methyl methacrylate	100	6.655	6.660	-0.005	69	1061	2.00	1.33	
72 1,4-Dioxane	88	6.708	6.707	0.001	80	1438	50.0	49.6	
73 n-Propyl acetate	43	6.714	6.719	-0.005	85	5251	1.00	1.01	
74 Dibromomethane	93	6.731	6.742	-0.011	51	1689	1.00	1.04	
75 Dichlorobromomethane	83	6.902	6.907	-0.005	95	4691	1.00	1.20	
77 2-Chloroethyl vinyl ether	63	7.266	7.265	0.001	67	1894	1.00	0.8726	
76 2-Nitropropane	41	7.278	7.271	0.007	79	3015	2.00	1.96	M
78 Epichlorohydrin	57	7.389	7.394	-0.005	98	7078	20.0	22.6	
79 cis-1,3-Dichloropropene	75	7.460	7.453	0.007	94	4843	1.00	1.02	
80 4-Methyl-2-pentanone (MIBK	43	7.619	7.618	0.001	96	16671	5.00	5.29	
$ 81 Toluene-d8 (Surr)	98	7.724	7.723	0.001	99	383577	50.0	50.3	
82 Toluene	91	7.812	7.812	0.000	95	11400	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.183	8.188	-0.005	86	3919	1.00	0.9578	
84 Ethyl methacrylate	69	8.194	8.194	0.000	79	5022	1.00	1.24	
85 1,1,2-Trichloroethane	83	8.418	8.417	0.001	87	3069	1.00	1.33	
86 Tetrachloroethene	166	8.476	8.481	-0.005	85	1727	1.00	0.8801	
87 1,3-Dichloropropane	76	8.647	8.652	-0.005	27	4367	1.00	1.00	
89 2-Hexanone	58	8.694	8.693	0.001	98	6834	5.00	5.56	
88 n-Butyl acetate	43	8.811	8.805	0.006	95	3373	1.00	1.21	
90 Chlorodibromomethane	129	8.899	8.904	-0.005	35	2419	1.00	0.9633	
91 Ethylene Dibromide	107	9.076	9.075	0.001	97	2418	1.00	1.00	
* 92 Chlorobenzene-d5	117	9.569	9.568	0.001	88	287358	50.0	50.0	
93 Chlorobenzene	112	9.604	9.598	0.006	92	5989	1.00	0.9240	
94 Ethylbenzene	106	9.669	9.674	-0.005	97	2846	1.00	0.8889	
95 1,1,1,2-Tetrachloroethane	131	9.693	9.692	0.001	86	2228	1.00	0.9714	
96 m-Xylene & p-Xylene	106	9.792	9.798	-0.006	94	3263	1.00	0.8232	
97 n-Butyl acrylate	73	10.133	10.138	-0.005	97	2761	1.00	1.15	
98 o-Xylene	106	10.174	10.174	0.000	92	3340	1.00	0.8515	
99 Styrene	104	10.204	10.203	0.001	96	7046	1.00	0.9471	
100 Amyl acetate (mixed isomer	43	10.327	10.332	-0.005	89	5994	1.00	1.08	
101 Bromoform	173	10.392	10.397	-0.005	44	1643	1.00	0.9885	
102 Isopropylbenzene	105	10.474	10.479	-0.005	96	6335	1.00	0.7752	
$ 103 4-Bromofluorobenzene	174	10.650	10.649	0.001	86	92635	50.0	48.9	
104 Camphene	41	10.668	10.667	0.001	54	1117	1.00	1.01	
105 Bromobenzene	156	10.768	10.767	0.001	95	2163	1.00	0.8964	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	40	3928	1.00	1.20	
107 N-Propylbenzene	91	10.803	10.802	0.001	98	8163	1.00	0.8949	
108 1,2,3-Trichloropropane	110	10.827	10.832	-0.005	92	802	1.00	0.9220	
109 trans-1,4-Dichloro-2-buten	53	10.838	10.832	0.006	77	932	1.00	0.8795	
110 4-Ethyltoluene	105	10.891	10.890	0.001	98	9555	1.00	1.14	
111 2-Chlorotoluene	91	10.897	10.896	0.001	97	6288	1.00	0.8878	
112 1,3,5-Trimethylbenzene	105	10.938	10.937	0.001	96	5501	1.00	0.8506	
113 4-Chlorotoluene	91	10.985	10.984	0.001	96	7038	1.00	1.03	
114 Butyl Methacrylate	87	10.997	10.996	0.001	88	3652	1.00	0.99	
115 tert-Butylbenzene	119	11.167	11.167	0.001	90	4184	1.00	0.8543	
116 1,2,4-Trimethylbenzene	105	11.208	11.214	-0.006	95	6227	1.00	0.8962	
117 sec-Butylbenzene	105	11.320	11.319	0.001	98	6932	1.00	0.9814	
118 4-Isopropyltoluene	119	11.414	11.413	0.001	93	5265	1.00	0.8659	
119 1,3-Dichlorobenzene	146	11.438	11.437	0.001	11	3857	1.00	0.9693	
* 120 1,4-Dichlorobenzene-d4	152	11.485	11.484	0.001	97	125102	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.502	11.501	0.001	36	4502	1.00	1.06	
122 Benzyl chloride	91	11.590	11.590	0.000	98	8083	1.00	1.14	
123 2,3-Dihydroindene	117	11.643	11.642	0.001	92	9566	1.00	1.07	
124 p-Diethylbenzene	119	11.661	11.660	0.001	74	5155	1.00	1.17	
125 n-Butylbenzene	91	11.678	11.678	0.000	74	7641	1.00	1.08	
126 1,2-Dichlorobenzene	146	11.749	11.748	0.001	92	4059	1.00	1.00	
127 1,2,4,5-Tetramethylbenzene	119	12.178	12.171	0.007	96	6877	1.00	1.10	
128 1,2-Dibromo-3-Chloropropan	75	12.272	12.283	-0.011	79	660	1.00	1.11	
129 1,3,5-Trichlorobenzene	180	12.372	12.371	0.001	89	2603	1.00	1.10	
130 Camphor	95	12.760	12.759	0.001	87	1623	5.00	5.20	
131 1,2,4-Trichlorobenzene	180	12.824	12.829	-0.005	86	2194	1.00	1.03	
132 Hexachlorobutadiene	225	12.901	12.894	0.007	84	1501	1.00	0.9762	
133 Naphthalene	128	13.036	13.035	0.001	97	6575	1.00	0.9805	
134 1,2,3-Trichlorobenzene	180	13.218	13.223	-0.005	89	1821	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.27	
S 136 Xylenes, Total	100				0		2.00	1.67	
S 137 Total BTEX	1				0		5.00	4.59	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00105	Amount Added:	1.00	Units: uL		
MIX I Hi_00044	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
14DIOXINTER_00036	Amount Added:	30.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:35:17 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Injection Date: 21-Jul-2015 18:18:30 Instrument ID: CVOAMS8 Operator ID:

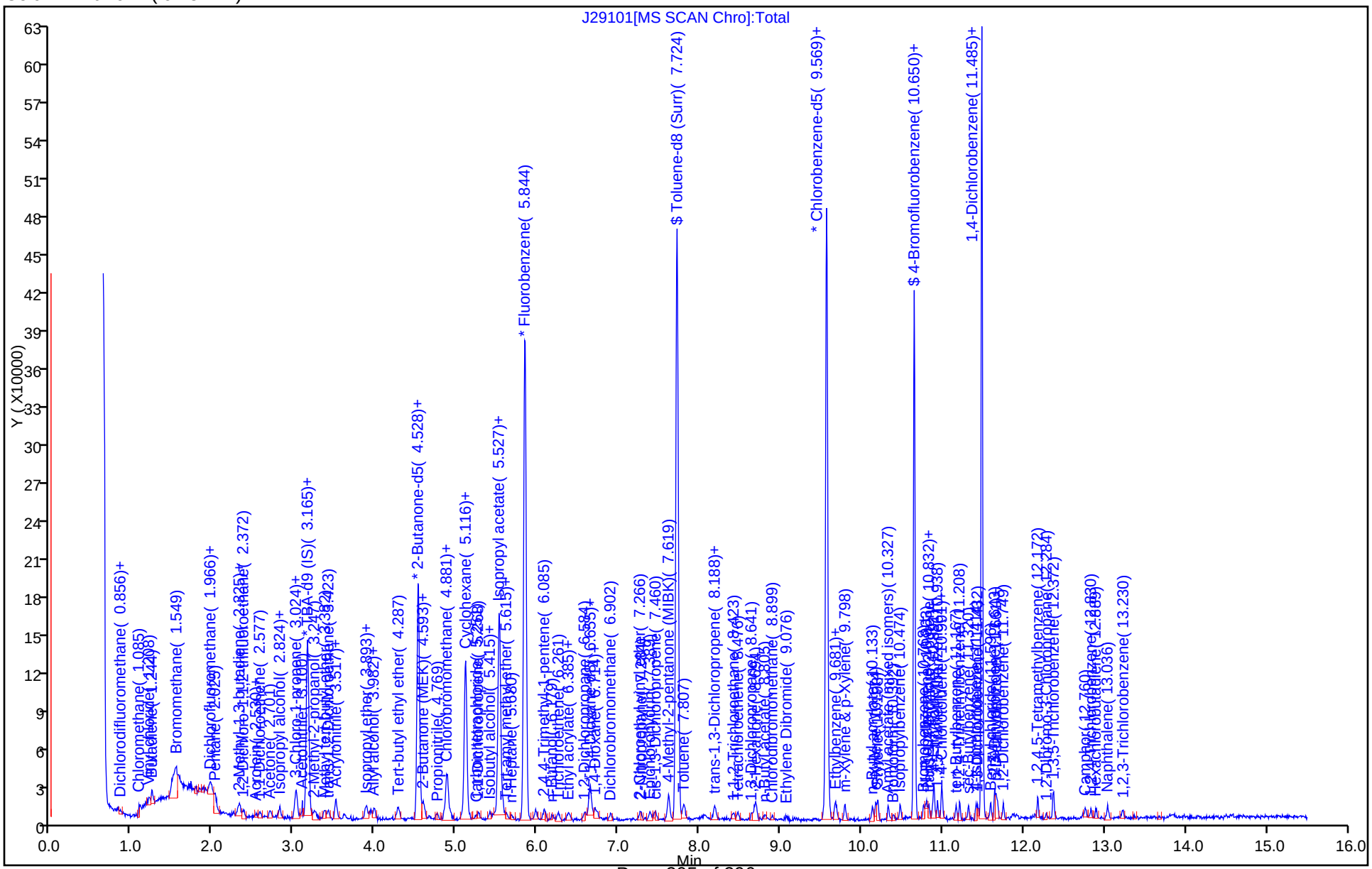
Lims ID: STD1 Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

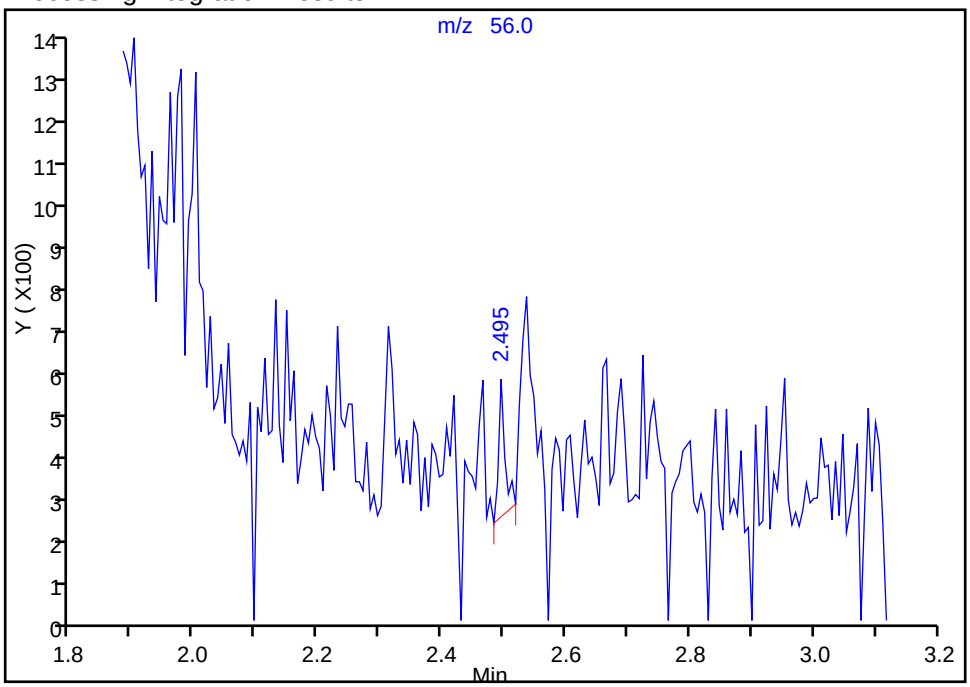
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D
Injection Date: 21-Jul-2015 18:18:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

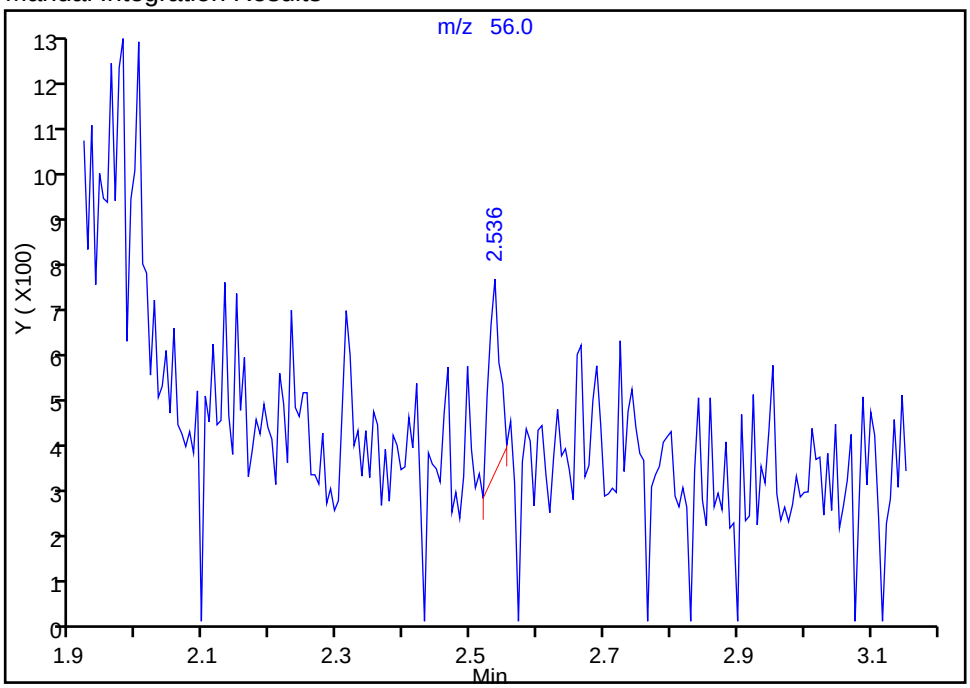
Processing Integration Results

RT: 2.50
Area: 219
Amount: 1.703876
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 471
Amount: 3.964428
Amount Units: ug/l



Reviewer: boykink, 21-Jul-2015 22:23:21
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

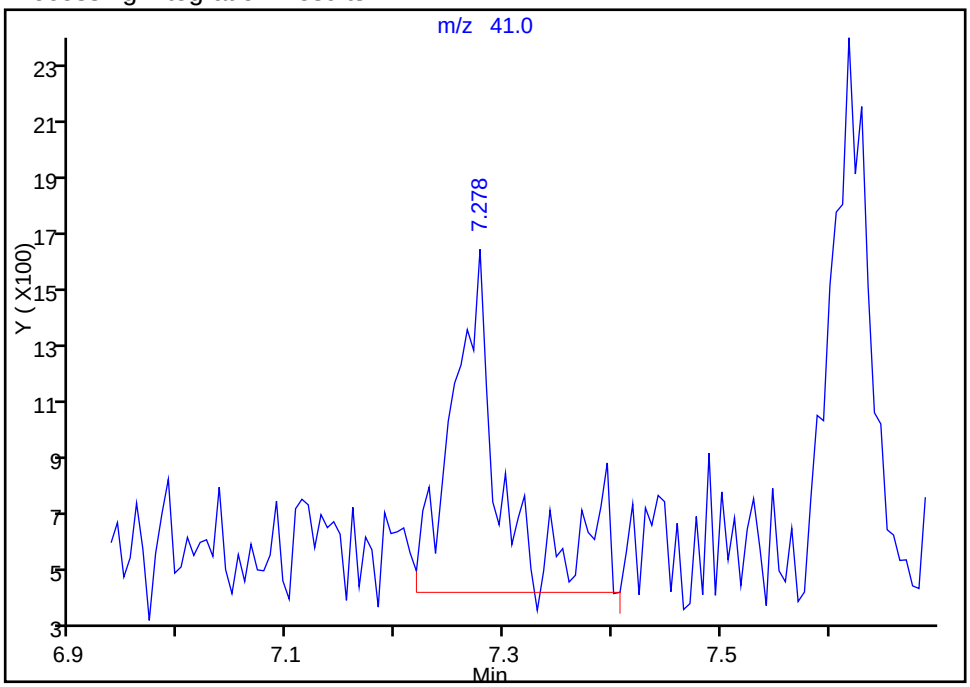
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D
Injection Date: 21-Jul-2015 18:18:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 2-Nitropropane, CAS: 79-46-9

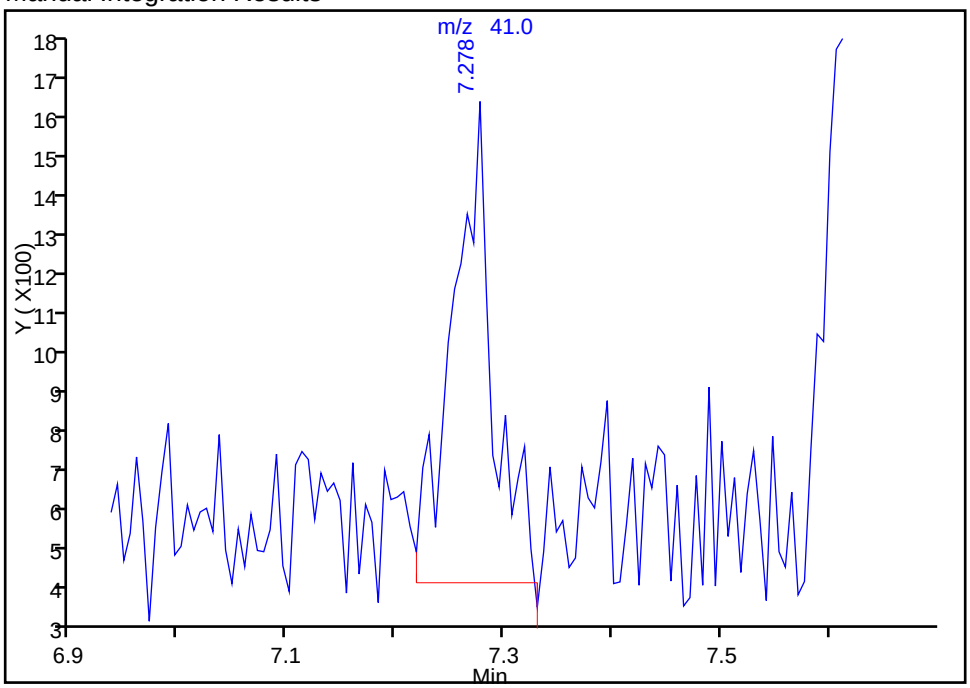
Processing Integration Results

RT: 7.28
Area: 3740
Amount: 4.098647
Amount Units: ug/l



Manual Integration Results

RT: 7.28
Area: 3015
Amount: 1.957418
Amount Units: ug/l



Reviewer: baronm, 22-Jul-2015 13:17:03
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313622/2 Calibration Date: 07/30/2015 08:37

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29460.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0431	0.0600		27.8	20.0	39.2*	20.0
Dichlorodifluoromethane	Ave	0.3763	0.3614	0.1000	19.2	20.0	-4.0	20.0
Chloromethane	Ave	0.5150	0.4821	0.1000	18.7	20.0	-6.4	20.0
Vinyl chloride	Ave	0.4750	0.4814	0.1000	20.3	20.0	1.3	20.0
Butadiene	Ave	0.4715	0.4383		18.6	20.0	-7.0	20.0
Bromomethane	Ave	0.2366	0.1832	0.1000	15.5	20.0	-22.5	50.0
Chloroethane	Ave	0.2836	0.3152	0.1000	22.2	20.0	11.1	50.0
Dichlorofluoromethane	Ave	0.6325	0.7535		23.8	20.0	19.1	20.0
Trichlorofluoromethane	Ave	0.4594	0.5408	0.1000	23.5	20.0	17.7	20.0
Pentane	Ave	1.959	2.176		44.4	40.0	11.0	20.0
Ethanol	Ave	0.0828	0.0657		634	800	-20.7	50.0
Ethyl ether	Ave	0.3152	0.3291		20.9	20.0	4.4	20.0
2-Methyl-1,3-butadiene	Ave	0.3427	0.3872		22.6	20.0	13.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2432	0.2575		21.2	20.0	5.9	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Qua2		0.2799	0.1000	20.5	20.0	2.7	20.0
Acrolein	Ave	0.6354	0.3977		25.0	40.0	-37.4	50.0
1,1-Dichloroethene	Ave	0.3048	0.2969	0.1000	19.5	20.0	-2.6	20.0
Acetone	Ave	1.252	0.8318	0.0500	66.4	100	-33.6	50.0
Iodomethane	Ave	0.3569	0.2844		15.9	20.0	-20.3*	20.0
Carbon disulfide	Ave	1.111	1.218	0.1000	21.9	20.0	9.6	50.0
Isopropyl alcohol	Lin2		0.8248		154	200	-23.1	50.0
Allyl chloride	Ave	0.2002	0.2090		20.9	20.0	4.4	20.0
Methyl acetate	Ave	0.4460	0.4597	0.1000	103	100	3.1	20.0
Cyclopentene	Ave	0.9756	1.031		21.1	20.0	5.7	20.0
Acetonitrile	Ave	2.732	2.701		198	200	-1.1	20.0
Methylene Chloride	Ave	0.3746	0.3778	0.1000	20.2	20.0	0.8	20.0
2-Methyl-2-propanol	Lin2		1.467		188	200	-5.8	50.0
Methyl tert-butyl ether	Ave	0.997	1.073	0.1000	21.5	20.0	7.6	20.0
trans-1,2-Dichloroethene	Ave	0.3499	0.3474	0.1000	19.9	20.0	-0.7	20.0
Acrylonitrile	Ave	6.623	7.131		215	200	7.7	20.0
Hexane	QuaF		0.3250		23.3	20.0	16.4	20.0
Isopropyl ether	Ave	1.392	1.488		21.4	20.0	6.9	20.0
1,1-Dichloroethane	Ave	0.6750	0.7638	0.2000	22.6	20.0	13.2	20.0
Vinyl acetate	Ave	0.3941	0.1362		13.8	40.0	-65.4*	20.0
Allyl alcohol	Ave	0.2924	0.2066		353	500	-29.4	50.0
2-Chloro-1,3-butadiene	Ave	0.2908	0.3199		22.0	20.0	10.0	20.0
Tert-butyl ethyl ether	Ave	1.212	1.252		20.7	20.0	3.3	20.0
2,2-Dichloropropane	Lin2		0.1199		20.3	20.0	1.5	20.0
cis-1,2-Dichloroethene	Ave	0.3839	0.3833	0.1000	20.0	20.0	-0.2	20.0
2-Butanone (MEK)	Ave	0.3604	0.3044	0.0500	84.5	100	-15.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313622/2 Calibration Date: 07/30/2015 08:37

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29460.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	5.433	6.102		44.9	40.0	12.3	20.0
Methyl acrylate	Ave	0.3978	0.3938		19.8	20.0	-1.0	20.0
Propionitrile	Ave	2.673	2.593		194	200	-3.0	20.0
Tetrahydrofuran	Ave	0.3719	0.3475		37.4	40.0	-6.6	20.0
Chlorobromomethane	Ave	0.1567	0.1566		20.0	20.0	-0.0	20.0
Methacrylonitrile	Ave	0.1643	0.1714		209	200	4.3	20.0
Chloroform	Ave	0.5909	0.6477	0.2000	21.9	20.0	9.6	20.0
Cyclohexane	Ave	0.4734	0.5297	0.1000	22.4	20.0	11.9	50.0
1,1,1-Trichloroethane	Ave	0.4735	0.5069	0.1000	21.4	20.0	7.1	20.0
Carbon tetrachloride	Ave	0.3647	0.3671	0.1000	20.1	20.0	0.7	20.0
1,1-Dichloropropene	Ave	0.4196	0.4795		22.9	20.0	14.3	20.0
Isobutyl alcohol	Ave	0.9123	0.6373		349	500	-30.1	50.0
2,2,4-Trimethylpentane	Ave	0.7109	0.6805		19.1	20.0	-4.3	20.0
Benzene	Ave	1.920	2.074	0.5000	21.6	20.0	8.0	20.0
Isopropyl acetate	Ave	1.159	1.296		22.4	20.0	11.8	20.0
Tert-amyl methyl ether	Ave	1.079	1.096		20.3	20.0	1.6	20.0
1,2-Dichloroethane	Ave	0.4648	0.5411	0.1000	23.3	20.0	16.4	20.0
n-Heptane	Ave	0.1463	0.1392		19.0	20.0	-4.8	20.0
Ethyl acrylate	Ave	0.7842	0.3137		8.00	20.0	-60.0*	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.5184	0.5694		43.9	40.0	9.8	20.0
n-Butanol	Ave	0.4814	0.3495		363	500	-27.4	50.0
Trichloroethene	Ave	0.3225	0.3355	0.2000	20.8	20.0	4.0	20.0
Methylcyclohexane	Ave	0.3293	0.3282	0.1000	19.9	20.0	-0.3	50.0
1,2-Dichloropropane	Ave	0.4013	0.4223	0.1000	21.0	20.0	5.2	20.0
Methyl methacrylate	Ave	0.0999	0.0962		38.5	40.0	-3.7	20.0
1,4-Dioxane	Ave	1.291	0.9643		299	400	-25.3	50.0
n-Propyl acetate	Ave	0.6510	0.6622		20.3	20.0	1.7	20.0
Dibromomethane	Ave	0.2038	0.2127		20.9	20.0	4.3	20.0
Dichlorobromomethane	Ave	0.4879	0.4722	0.2000	19.4	20.0	-3.2	20.0
2-Chloroethyl vinyl ether	Ave	0.2716	0.2884		21.2	20.0	6.2	20.0
2-Nitropropane	Lin2		0.0875		29.0	40.0	-27.6*	20.0
Epichlorohydrin	Ave	0.3016	0.2783		369	400	-7.7	20.0
cis-1,3-Dichloropropene	Ave	0.8288	0.8380	0.2000	20.2	20.0	1.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.029	3.105	0.0500	102	100	2.5	50.0
Toluene	Ave	1.909	1.979	0.4000	20.7	20.0	3.6	20.0
trans-1,3-Dichloropropene	Ave	0.7120	0.7071	0.1000	19.9	20.0	-0.7	50.0
Ethyl methacrylate	Ave	0.5083	0.4749		18.7	20.0	-6.6	20.0
1,1,2-Trichloroethane	Ave	0.4021	0.3706	0.1000	18.4	20.0	-7.8	20.0
Tetrachloroethene	Ave	0.3414	0.3264	0.2000	19.1	20.0	-4.4	20.0
1,3-Dichloropropane	Ave	0.7633	0.7819		20.5	20.0	2.4	20.0
2-Hexanone	Ave	1.181	1.016	0.0500	86.0	100	-14.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313622/2 Calibration Date: 07/30/2015 08:37

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29460.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4836	0.7672		31.7	20.0	58.7*	20.0
Chlorodibromomethane	Ave	0.4369	0.3788	0.1000	17.3	20.0	-13.3	50.0
Ethylene Dibromide	Ave	0.4213	0.3997	0.1000	19.0	20.0	-5.1	20.0
Chlorobenzene	Ave	1.128	1.143	0.5000	20.3	20.0	1.4	20.0
Ethylbenzene	Ave	0.5571	0.5992	0.1000	21.5	20.0	7.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3991	0.3688		18.5	20.0	-7.6	20.0
m-Xylene & p-Xylene	Ave	0.6897	0.6989	0.1000	20.3	20.0	1.3	20.0
n-Butyl acrylate	Ave	0.4165	0.3542		17.0	20.0	-15.0	20.0
o-Xylene	Ave	0.6825	0.7040	0.3000	20.6	20.0	3.1	20.0
Styrene	Ave	1.295	1.241	0.3000	19.2	20.0	-4.1	20.0
Amyl acetate (mixed isomers)	Ave	2.212	2.291		20.7	20.0	3.5	20.0
Bromoform	Ave	0.2892	0.2023	0.1000	14.0	20.0	-30.1*	20.0
Isopropylbenzene	Ave	1.422	1.500	0.1000	21.1	20.0	5.5	20.0
Camphene	Qua2		0.1414		23.7	20.0	18.3	20.0
Bromobenzene	Ave	0.9644	0.9494		19.7	20.0	-1.6	20.0
1,1,2,2-Tetrachloroethane	Ave	1.314	1.220	0.3000	18.6	20.0	-7.1	20.0
N-Propylbenzene	Ave	3.646	4.030		22.1	20.0	10.5	20.0
1,2,3-Trichloropropane	Ave	0.3476	0.3442		19.8	20.0	-1.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4235	0.4115		19.4	20.0	-2.8	20.0
4-Ethyltoluene	Ave	3.359	3.372		20.1	20.0	0.4	20.0
2-Chlorotoluene	Ave	2.831	3.080		21.8	20.0	8.8	20.0
1,3,5-Trimethylbenzene	Ave	2.585	2.846		22.0	20.0	10.1	20.0
4-Chlorotoluene	Ave	2.725	2.872		21.1	20.0	5.4	20.0
Butyl Methacrylate	Ave	1.474	1.391		18.9	20.0	-5.7	20.0
tert-Butylbenzene	Ave	1.957	2.007		20.5	20.0	2.5	20.0
1,2,4-Trimethylbenzene	Ave	2.777	2.987		21.5	20.0	7.6	20.0
sec-Butylbenzene	Ave	2.823	2.938		20.8	20.0	4.1	20.0
4-Isopropyltoluene	Ave	2.430	2.600		21.4	20.0	7.0	20.0
1,3-Dichlorobenzene	Ave	1.590	1.589	0.6000	20.0	20.0	-0.0	20.0
1,4-Dichlorobenzene	Ave	1.702	1.677	0.5000	19.7	20.0	-1.5	20.0
Benzyl chloride	Ave	2.822	2.293		16.3	20.0	-18.7	50.0
Indan	Ave	3.562	3.569		20.0	20.0	0.2	20.0
p-Diethylbenzene	Ave	1.756	1.701		19.4	20.0	-3.1	20.0
n-Butylbenzene	Ave	2.833	3.254		23.0	20.0	14.9	20.0
1,2-Dichlorobenzene	Ave	1.630	1.639	0.4000	20.1	20.0	0.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.502	2.390		19.1	20.0	-4.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2372	0.2096	0.0500	17.7	20.0	-11.6	50.0
1,3,5-Trichlorobenzene	Ave	0.9447	0.8558		18.1	20.0	-9.4	20.0
Camphor	Ave	0.1248	0.1041		83.4	100	-16.6	20.0
1,2,4-Trichlorobenzene	Ave	0.8485	0.7575	0.2000	17.9	20.0	-10.7	20.0
Hexachlorobutadiene	Lin2		0.2918		17.9	20.0	-10.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313622/2 Calibration Date: 07/30/2015 08:37

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29460.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.680	2.494		18.6	20.0	-7.0	50.0
1,2,3-Trichlorobenzene	Ave	0.7295	0.6689		18.3	20.0	-8.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2292	0.2387		52.1	50.0	4.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3076	0.3458		56.2	50.0	12.4	20.0
Toluene-d8 (Surr)	Ave	1.326	1.283		48.4	50.0	-3.2	20.0
4-Bromofluorobenzene	Ave	0.3297	0.3020		45.8	50.0	-8.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29460.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Jul-2015 08:37:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030221-002
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 12:06:28 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK018

First Level Reviewer: moroneyc Date: 30-Jul-2015 10:01:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.819	0.819	0.000	97	11289	20.0	27.8	
2 Dichlorodifluoromethane	85	0.855	0.855	0.000	99	68066	20.0	19.2	
3 Chloromethane	50	1.090	1.090	0.000	99	90779	20.0	18.7	
4 Vinyl chloride	62	1.207	1.207	0.000	98	90657	20.0	20.3	
5 Butadiene	54	1.248	1.248	0.000	0	82543	20.0	18.6	
6 Bromomethane	94	1.595	1.595	0.000	98	34506	20.0	15.5	
7 Chloroethane	64	1.718	1.718	0.000	100	59362	20.0	22.2	
8 Dichlorofluoromethane	67	1.965	1.965	0.000	99	141898	20.0	23.8	
9 Trichlorofluoromethane	101	1.971	1.971	0.000	98	101841	20.0	23.5	
10 Pentane	72	2.030	2.030	0.000	98	19175	40.0	44.4	
11 Ethanol	46	2.253	2.253	0.000	99	11572	800.0	634.1	
12 Ethyl ether	59	2.306	2.306	0.000	94	61972	20.0	20.9	
13 2-Methyl-1,3-butadiene	53	2.329	2.329	0.000	82	72920	20.0	22.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.370	2.370	0.000	96	48495	20.0	21.2	
15 1,1,2-Trichloro-1,2,2-trif	101	2.529	2.529	0.000	92	52707	20.0	20.5	
16 Acrolein	56	2.541	2.541	0.000	30	3505	40.0	25.0	
17 1,1-Dichloroethene	96	2.582	2.582	0.000	93	55916	20.0	19.5	
18 Acetone	43	2.700	2.700	0.000	84	109402	100.0	66.4	
19 Iodomethane	142	2.776	2.776	0.000	100	53550	20.0	15.9	
20 Carbon disulfide	76	2.823	2.823	0.000	100	229382	20.0	21.9	
21 Isopropyl alcohol	45	2.823	2.823	0.000	35	36348	200.0	153.8	
22 3-Chloro-1-propene	76	3.005	3.005	0.000	89	39350	20.0	20.9	
23 Methyl acetate	43	3.023	3.023	0.000	99	432848	100.0	103.1	
24 Cyclopentene	67	3.034	3.034	0.000	90	194154	20.0	21.1	
25 Acetonitrile	41	3.087	3.087	0.000	98	119025	200.0	197.7	
27 Methylene Chloride	84	3.175	3.175	0.000	98	71146	20.0	20.2	
* 26 TBA-d9 (IS)	65	3.158	3.158	0.000	91	220341	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.258	3.258	0.000	99	64665	200.0	188.4	
29 Methyl tert-butyl ether	73	3.375	3.375	0.000	97	201975	20.0	21.5	
30 trans-1,2-Dichloroethene	96	3.422	3.422	0.000	99	65429	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.516	3.516	0.000	96	314257	200.0	215.3	
32 Hexane	57	3.622	3.622	0.000	0	61199	20.0	23.3	
33 Isopropyl ether	45	3.886	3.886	0.000	96	280136	20.0	21.4	
34 1,1-Dichloroethane	63	3.933	3.933	0.000	99	143844	20.0	22.6	
35 Vinyl acetate	43	3.945	3.945	0.000	100	51295	40.0	13.8	
36 Allyl alcohol	57	3.963	3.963	0.000	49	22761	500.0	353.2	
37 2-Chloro-1,3-butadiene	88	3.986	3.986	0.000	95	60241	20.0	22.0	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	89	235802	20.0	20.7	
* 39 2-Butanone-d5	46	4.527	4.527	0.000	97	328808	250.0	250.0	
40 2,2-Dichloropropane	97	4.539	4.539	0.000	93	22584	20.0	20.3	
41 cis-1,2-Dichloroethene	96	4.586	4.586	0.000	92	72174	20.0	20.0	
42 2-Butanone (MEK)	72	4.597	4.597	0.000	96	40032	100.0	84.5	
43 Ethyl acetate	43	4.603	4.603	0.000	95	320998	40.0	44.9	
44 Methyl acrylate	55	4.668	4.668	0.000	99	74167	20.0	19.8	
45 Propionitrile	54	4.756	4.756	0.000	98	114250	200.0	194.0	
47 Tetrahydrofuran	72	4.856	4.856	0.000	74	18279	40.0	37.4	
46 Chlorobromomethane	128	4.862	4.862	0.000	95	29487	20.0	20.0	
48 Methacrylonitrile	67	4.885	4.885	0.000	96	322727	200.0	208.5	
49 Chloroform	83	4.926	4.926	0.000	97	121970	20.0	21.9	
50 Cyclohexane	56	5.073	5.073	0.000	97	99755	20.0	22.4	
51 1,1,1-Trichloroethane	97	5.091	5.091	0.000	97	95465	20.0	21.4	
$ 52 Dibromofluoromethane (Surr	113	5.108	5.108	0.000	94	112390	50.0	52.1	
53 Carbon tetrachloride	117	5.232	5.232	0.000	97	69132	20.0	20.1	
54 1,1-Dichloropropene	75	5.273	5.273	0.000	92	90297	20.0	22.9	
55 Isobutyl alcohol	43	5.408	5.408	0.000	96	70214	500.0	349.3	
56 Isooctane	57	5.467	5.467	0.000	99	128149	20.0	19.1	
57 Benzene	78	5.508	5.508	0.000	97	290213	20.0	21.6	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.531	5.531	0.000	96	162779	50.0	56.2	
60 Isopropyl acetate	43	5.567	5.567	0.000	95	243990	20.0	22.4	
59 Tert-amyl methyl ether	73	5.573	5.573	0.000	98	206426	20.0	20.3	
61 1,2-Dichloroethane	62	5.620	5.620	0.000	97	101903	20.0	23.3	
62 n-Heptane	57	5.678	5.678	0.000	97	26220	20.0	19.0	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	470797	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.090	0.000	92	214474	40.0	43.9	
67 Ethyl acrylate	55	6.084	6.084	0.000	51	59072	20.0	8.00	
65 n-Butanol	56	6.190	6.190	0.000	92	38508	500.0	363.0	
66 Trichloroethene	95	6.260	6.260	0.000	94	63173	20.0	20.8	
68 Methylcyclohexane	83	6.395	6.395	0.000	88	61808	20.0	19.9	
69 1,2-Dichloropropane	63	6.589	6.589	0.000	89	79518	20.0	21.0	
* 70 1,4-Dioxane-d8	96	6.642	6.642	0.000	38	27800	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	94	36247	40.0	38.5	
72 1,4-Dioxane	88	6.712	6.712	0.000	27	10723	400.0	298.8	
73 n-Propyl acetate	43	6.712	6.712	0.000	99	124701	20.0	20.3	
74 Dibromomethane	93	6.736	6.736	0.000	89	40049	20.0	20.9	
75 Dichlorobromomethane	83	6.906	6.906	0.000	98	88926	20.0	19.4	
77 2-Chloroethyl vinyl ether	63	7.265	7.265	0.000	78	54313	20.0	21.2	
76 2-Nitropropane	41	7.271	7.271	0.000	77	32940	40.0	29.0	
78 Epichlorohydrin	57	7.388	7.388	0.000	99	146384	400.0	369.0	
79 cis-1,3-Dichloropropene	75	7.453	7.453	0.000	98	117258	20.0	20.2	
80 4-Methyl-2-pentanone (MIBK	43	7.617	7.617	0.000	99	408379	100.0	102.5	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	98	448984	50.0	48.4	
82 Toluene	91	7.811	7.811	0.000	93	276881	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.181	8.181	0.000	98	98949	20.0	19.9	
84 Ethyl methacrylate	69	8.193	8.193	0.000	90	89427	20.0	18.7	
85 1,1,2-Trichloroethane	83	8.422	8.422	0.000	93	51863	20.0	18.4	
86 Tetrachloroethene	166	8.475	8.475	0.000	92	45679	20.0	19.1	
87 1,3-Dichloropropane	76	8.651	8.651	0.000	98	109414	20.0	20.5	
89 2-Hexanone	58	8.692	8.692	0.000	98	133576	100.0	86.0	
88 n-Butyl acetate	43	8.798	8.798	0.000	97	107356	20.0	31.7	
90 Chlorodibromomethane	129	8.898	8.898	0.000	97	52998	20.0	17.3	
91 Ethylene Dibromide	107	9.080	9.080	0.000	98	55936	20.0	19.0	
* 92 Chlorobenzene-d5	117	9.574	9.574	0.000	90	349824	50.0	50.0	
93 Chlorobenzene	112	9.603	9.603	0.000	92	159987	20.0	20.3	
94 Ethylbenzene	106	9.674	9.674	0.000	99	83842	20.0	21.5	
95 1,1,1,2-Tetrachloroethane	131	9.691	9.691	0.000	91	51601	20.0	18.5	
96 m-Xylene & p-Xylene	106	9.797	9.797	0.000	98	97803	20.0	20.3	
97 n-Butyl acrylate	73	10.138	10.138	0.000	96	49560	20.0	17.0	
98 o-Xylene	106	10.173	10.173	0.000	92	98506	20.0	20.6	
99 Styrene	104	10.197	10.197	0.000	91	173645	20.0	19.2	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	88	142709	20.0	20.7	
101 Bromoform	173	10.396	10.396	0.000	92	28302	20.0	14.0	
102 Isopropylbenzene	105	10.479	10.479	0.000	97	209901	20.0	21.1	
$ 103 4-Bromofluorobenzene	174	10.649	10.649	0.000	82	105640	50.0	45.8	
104 Camphene	41	10.667	10.667	0.000	97	19787	20.0	23.7	
105 Bromobenzene	156	10.767	10.767	0.000	91	59149	20.0	19.7	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.784	0.000	98	76008	20.0	18.6	
107 N-Propylbenzene	91	10.808	10.808	0.000	98	251059	20.0	22.1	
108 1,2,3-Trichloropropane	110	10.825	10.825	0.000	96	21441	20.0	19.8	
109 trans-1,4-Dichloro-2-buten	53	10.831	10.831	0.000	86	25635	20.0	19.4	
110 4-Ethyltoluene	105	10.890	10.890	0.000	98	210095	20.0	20.1	
111 2-Chlorotoluene	91	10.896	10.896	0.000	97	191897	20.0	21.8	
112 1,3,5-Trimethylbenzene	105	10.937	10.937	0.000	91	177319	20.0	22.0	
113 4-Chlorotoluene	91	10.984	10.984	0.000	99	178907	20.0	21.1	
114 Butyl Methacrylate	87	10.996	10.996	0.000	97	86653	20.0	18.9	
115 tert-Butylbenzene	119	11.166	11.166	0.000	91	125059	20.0	20.5	
116 1,2,4-Trimethylbenzene	105	11.213	11.213	0.000	98	186103	20.0	21.5	
117 sec-Butylbenzene	105	11.319	11.319	0.000	98	183043	20.0	20.8	
118 4-Isopropyltoluene	119	11.413	11.413	0.000	97	161964	20.0	21.4	
119 1,3-Dichlorobenzene	146	11.436	11.436	0.000	92	99007	20.0	20.0	
* 120 1,4-Dichlorobenzene-d4	152	11.483	11.483	0.000	98	155749	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.501	0.000	90	104472	20.0	19.7	
122 Benzyl chloride	91	11.595	11.595	0.000	97	142883	20.0	16.3	
123 2,3-Dihydroindene	117	11.642	11.642	0.000	94	222341	20.0	20.0	
124 p-Diethylbenzene	119	11.660	11.660	0.000	90	105966	20.0	19.4	
125 n-Butylbenzene	91	11.677	11.677	0.000	97	202741	20.0	23.0	
126 1,2-Dichlorobenzene	146	11.748	11.748	0.000	92	102105	20.0	20.1	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.171	0.000	96	148924	20.0	19.1	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.271	0.000	87	13055	20.0	17.7	
129 1,3,5-Trichlorobenzene	180	12.371	12.371	0.000	95	53317	20.0	18.1	
130 Camphor	95	12.758	12.758	0.000	95	32418	100.0	83.4	
131 1,2,4-Trichlorobenzene	180	12.829	12.829	0.000	93	47191	20.0	17.9	
132 Hexachlorobutadiene	225	12.893	12.893	0.000	90	18181	20.0	17.9	
133 Naphthalene	128	13.029	13.029	0.000	99	155351	20.0	18.6	
134 1,2,3-Trichlorobenzene	180	13.222	13.222	0.000	94	41674	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 136 Xylenes, Total	100				0		40.0	40.9	
S 137 Total BTEX	1				0		100.0	104.7	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jul-2015 12:06:29 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29460.D

Injection Date: 30-Jul-2015 08:37:30 Instrument ID: CVOAMS8 Operator ID:

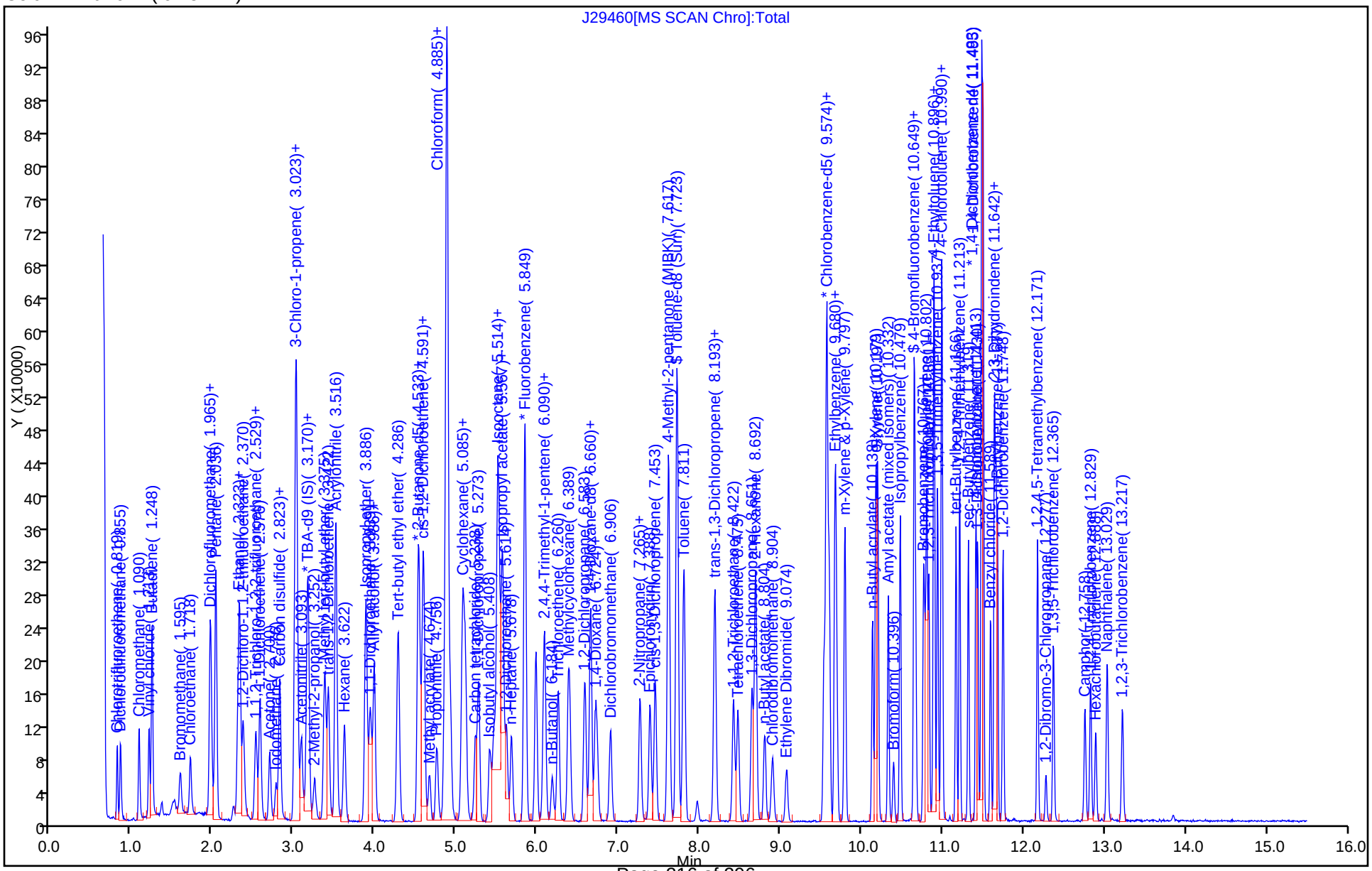
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313792/2 Calibration Date: 07/30/2015 21:13

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29488.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0431	0.0563		26.2	20.0	30.8*	20.0
Dichlorodifluoromethane	Ave	0.3763	0.2646	0.1000	14.1	20.0	-29.7*	20.0
Chloromethane	Ave	0.5150	0.4110	0.1000	16.0	20.0	-20.2*	20.0
Vinyl chloride	Ave	0.4750	0.4048	0.1000	17.0	20.0	-14.8	20.0
Butadiene	Ave	0.4715	0.3707		15.7	20.0	-21.4*	20.0
Bromomethane	Ave	0.2366	0.1766	0.1000	14.9	20.0	-25.4	50.0
Chloroethane	Ave	0.2836	0.2785	0.1000	19.6	20.0	-1.8	50.0
Dichlorofluoromethane	Ave	0.6325	0.7332		23.2	20.0	15.9	20.0
Trichlorofluoromethane	Ave	0.4594	0.4944	0.1000	21.5	20.0	7.6	20.0
Pentane	Ave	1.959	2.055		42.0	40.0	4.9	20.0
Ethanol	Ave	0.0828	0.0555		536	800	-33.0	50.0
Ethyl ether	Ave	0.3152	0.3283		20.8	20.0	4.1	20.0
2-Methyl-1,3-butadiene	Ave	0.3427	0.3545		20.7	20.0	3.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2432	0.2211		18.2	20.0	-9.1	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Qua2		0.2658	0.1000	19.5	20.0	-2.3	20.0
Acrolein	Ave	0.6354	0.5473		34.5	40.0	-13.9	50.0
1,1-Dichloroethene	Ave	0.3048	0.2717	0.1000	17.8	20.0	-10.9	20.0
Acetone	Ave	1.252	0.8510	0.0500	68.0	100	-32.0	50.0
Iodomethane	Ave	0.3569	0.2861		16.0	20.0	-19.9	20.0
Isopropyl alcohol	Lin2		0.8522		159	200	-20.4	50.0
Carbon disulfide	Ave	1.111	1.138	0.1000	20.5	20.0	2.4	50.0
Allyl chloride	Ave	0.2002	0.2119		21.2	20.0	5.9	20.0
Methyl acetate	Ave	0.4460	0.4425	0.1000	99.2	100	-0.8	20.0
Cyclopentene	Ave	0.9756	0.9668		19.8	20.0	-0.9	20.0
Acetonitrile	Ave	2.732	2.838		208	200	3.9	20.0
Methylene Chloride	Ave	0.3746	0.3794	0.1000	20.3	20.0	1.3	20.0
2-Methyl-2-propanol	Lin2		1.700		222	200	10.9	50.0
Methyl tert-butyl ether	Ave	0.997	1.053	0.1000	21.1	20.0	5.7	20.0
trans-1,2-Dichloroethene	Ave	0.3499	0.3305	0.1000	18.9	20.0	-5.5	20.0
Acrylonitrile	Ave	6.623	7.186		217	200	8.5	20.0
Hexane	QuaF		0.3017		21.6	20.0	8.1	20.0
Isopropyl ether	Ave	1.392	1.500		21.6	20.0	7.8	20.0
1,1-Dichloroethane	Ave	0.6750	0.7312	0.2000	21.7	20.0	8.3	20.0
Vinyl acetate	Ave	0.3941	0.1706		17.3	40.0	-56.7*	20.0
Allyl alcohol	Ave	0.2924	0.2135		365	500	-27.0	50.0
2-Chloro-1,3-butadiene	Ave	0.2908	0.2848		19.6	20.0	-2.1	20.0
Tert-butyl ethyl ether	Ave	1.212	1.252		20.7	20.0	3.3	20.0
2,2-Dichloropropane	Lin2		0.1190		20.1	20.0	0.7	20.0
cis-1,2-Dichloroethene	Ave	0.3839	0.3625	0.1000	18.9	20.0	-5.6	20.0
2-Butanone (MEK)	Ave	0.3604	0.2996	0.0500	83.1	100	-16.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313792/2 Calibration Date: 07/30/2015 21:13

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29488.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	5.433	5.946		43.8	40.0	9.5	20.0
Methyl acrylate	Ave	0.3978	0.3634		18.3	20.0	-8.6	20.0
Propionitrile	Ave	2.673	2.654		199	200	-0.7	20.0
Tetrahydrofuran	Ave	0.3719	0.3506		37.7	40.0	-5.7	20.0
Chlorobromomethane	Ave	0.1567	0.1551		19.8	20.0	-1.1	20.0
Methacrylonitrile	Ave	0.1643	0.1644		200	200	0.0	20.0
Chloroform	Ave	0.5909	0.6159	0.2000	20.8	20.0	4.2	20.0
Cyclohexane	Ave	0.4734	0.4932	0.1000	20.8	20.0	4.2	50.0
1,1,1-Trichloroethane	Ave	0.4735	0.4706	0.1000	19.9	20.0	-0.6	20.0
Carbon tetrachloride	Ave	0.3647	0.3359	0.1000	18.4	20.0	-7.9	20.0
1,1-Dichloropropene	Ave	0.4196	0.4279		20.4	20.0	2.0	20.0
Isobutyl alcohol	Ave	0.9123	0.6961		381	500	-23.7	50.0
2,2,4-Trimethylpentane	Ave	0.7109	0.6696		18.8	20.0	-5.8	20.0
Benzene	Ave	1.920	1.990	0.5000	20.7	20.0	3.6	20.0
Isopropyl acetate	Ave	1.159	1.243		21.4	20.0	7.2	20.0
Tert-amyl methyl ether	Ave	1.079	1.057		19.6	20.0	-2.1	20.0
1,2-Dichloroethane	Ave	0.4648	0.5436	0.1000	23.4	20.0	17.0	20.0
n-Heptane	Ave	0.1463	0.1422		19.4	20.0	-2.8	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.5184	0.5382		41.5	40.0	3.8	20.0
n-Butanol	Ave	0.4814	0.3491		363	500	-27.5	50.0
Trichloroethene	Ave	0.3225	0.3176	0.2000	19.7	20.0	-1.5	20.0
Ethyl acrylate	Ave	0.7842	0.8048		20.5	20.0	2.6	20.0
Methylcyclohexane	Ave	0.3293	0.3239	0.1000	19.7	20.0	-1.7	50.0
1,2-Dichloropropane	Ave	0.4013	0.4078	0.1000	20.3	20.0	1.6	20.0
Methyl methacrylate	Ave	0.0999	0.0920		36.8	40.0	-8.0	20.0
1,4-Dioxane	Ave	1.291	1.044		323	400	-19.1	50.0
n-Propyl acetate	Ave	0.6510	0.6550		20.1	20.0	0.6	20.0
Dibromomethane	Ave	0.2038	0.2093		20.5	20.0	2.7	20.0
Dichlorobromomethane	Ave	0.4879	0.4668	0.2000	19.1	20.0	-4.3	20.0
2-Chloroethyl vinyl ether	Ave	0.2716	0.2726		20.1	20.0	0.4	20.0
2-Nitropropane	Lin2		0.0822		27.2	40.0	-32.1*	20.0
Epichlorohydrin	Ave	0.3016	0.2788		370	400	-7.6	20.0
cis-1,3-Dichloropropene	Ave	0.8288	0.8579	0.2000	20.7	20.0	3.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.029	3.062	0.0500	101	100	1.1	50.0
Toluene	Ave	1.909	1.911	0.4000	20.0	20.0	0.0	20.0
trans-1,3-Dichloropropene	Ave	0.7120	0.7347	0.1000	20.6	20.0	3.2	50.0
Ethyl methacrylate	Ave	0.5083	0.4636		18.2	20.0	-8.8	20.0
1,1,2-Trichloroethane	Ave	0.4021	0.3698	0.1000	18.4	20.0	-8.0	20.0
Tetrachloroethene	Ave	0.3414	0.2934	0.2000	17.2	20.0	-14.1	20.0
1,3-Dichloropropane	Ave	0.7633	0.7758		20.3	20.0	1.6	20.0
2-Hexanone	Ave	1.181	1.006	0.0500	85.2	100	-14.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313792/2 Calibration Date: 07/30/2015 21:13

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29488.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4836	0.7779		32.2	20.0	60.9*	20.0
Chlorodibromomethane	Ave	0.4369	0.3747	0.1000	17.2	20.0	-14.2	50.0
Ethylene Dibromide	Ave	0.4213	0.4114	0.1000	19.5	20.0	-2.4	20.0
Chlorobenzene	Ave	1.128	1.096	0.5000	19.4	20.0	-2.8	20.0
Ethylbenzene	Ave	0.5571	0.5563	0.1000	20.0	20.0	-0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3991	0.3644		18.3	20.0	-8.7	20.0
m-Xylene & p-Xylene	Ave	0.6897	0.6743	0.1000	19.6	20.0	-2.2	20.0
n-Butyl acrylate	Ave	0.4165	0.3571		17.1	20.0	-14.3	20.0
o-Xylene	Ave	0.6825	0.6761	0.3000	19.8	20.0	-0.9	20.0
Styrene	Ave	1.295	1.263	0.3000	19.5	20.0	-2.4	20.0
Amyl acetate (mixed isomers)	Ave	2.212	2.231		20.2	20.0	0.8	20.0
Bromoform	Ave	0.2892	0.2026	0.1000	14.0	20.0	-30.0*	20.0
Isopropylbenzene	Ave	1.422	1.406	0.1000	19.8	20.0	-1.2	20.0
Camphene	Qua2		0.1267		21.1	20.0	5.6	20.0
Bromobenzene	Ave	0.9644	0.9270		19.2	20.0	-3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.314	1.271	0.3000	19.3	20.0	-3.3	20.0
N-Propylbenzene	Ave	3.646	3.956		21.7	20.0	8.5	20.0
1,2,3-Trichloropropane	Ave	0.3476	0.3395		19.5	20.0	-2.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4235	0.4270		20.2	20.0	0.8	20.0
4-Ethyltoluene	Ave	3.359	3.280		19.5	20.0	-2.4	20.0
2-Chlorotoluene	Ave	2.831	3.073		21.7	20.0	8.6	20.0
1,3,5-Trimethylbenzene	Ave	2.585	2.720		21.0	20.0	5.2	20.0
4-Chlorotoluene	Ave	2.725	2.879		21.1	20.0	5.6	20.0
Butyl Methacrylate	Ave	1.474	1.400		19.0	20.0	-5.0	20.0
tert-Butylbenzene	Ave	1.957	1.946		19.9	20.0	-0.6	20.0
1,2,4-Trimethylbenzene	Ave	2.777	2.920		21.0	20.0	5.1	20.0
sec-Butylbenzene	Ave	2.823	2.865		20.3	20.0	1.5	20.0
4-Isopropyltoluene	Ave	2.430	2.446		20.1	20.0	0.6	20.0
1,3-Dichlorobenzene	Ave	1.590	1.595	0.6000	20.1	20.0	0.3	20.0
1,4-Dichlorobenzene	Ave	1.702	1.663	0.5000	19.5	20.0	-2.3	20.0
Benzyl chloride	Ave	2.822	2.525		17.9	20.0	-10.5	50.0
Indan	Ave	3.562	3.520		19.8	20.0	-1.2	20.0
p-Diethylbenzene	Ave	1.756	1.665		19.0	20.0	-5.2	20.0
n-Butylbenzene	Ave	2.833	3.181		22.5	20.0	12.3	20.0
1,2-Dichlorobenzene	Ave	1.630	1.644	0.4000	20.2	20.0	0.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.502	2.476		19.8	20.0	-1.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2372	0.2103	0.0500	17.7	20.0	-11.3	50.0
1,3,5-Trichlorobenzene	Ave	0.9447	0.8660		18.3	20.0	-8.3	20.0
Camphor	Ave	0.1248	0.1003		80.4	100	-19.6	20.0
1,2,4-Trichlorobenzene	Ave	0.8485	0.7461	0.2000	17.6	20.0	-12.1	20.0
Hexachlorobutadiene	Lin2		0.2846		17.5	20.0	-12.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Lab Sample ID: CCVIS 460-313792/2 Calibration Date: 07/30/2015 21:13

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29488.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.680	2.269		16.9	20.0	-15.3	50.0
1,2,3-Trichlorobenzene	Ave	0.7295	0.6364		17.4	20.0	-12.8	20.0
Dibromofluoromethane (Surr)	Ave	0.2292	0.2284		49.8	50.0	-0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3076	0.3411		55.5	50.0	10.9	20.0
Toluene-d8 (Surr)	Ave	1.326	1.278		48.2	50.0	-3.6	20.0
4-Bromofluorobenzene	Ave	0.3297	0.3037		46.1	50.0	-7.9	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29488.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Jul-2015 21:13:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030251-002
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 10:20:35 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: moroneyc Date: 31-Jul-2015 09:56:57

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	0.826	0.826	0.000	98	10605	20.0	26.2	
2	Dichlorodifluoromethane	85	0.867	0.867	0.000	98	49823	20.0	14.1	
3	Chloromethane	50	1.096	1.096	0.000	99	77385	20.0	16.0	
4	Vinyl chloride	62	1.220	1.220	0.000	99	76215	20.0	17.0	
5	Butadiene	54	1.255	1.255	0.000	0	69793	20.0	15.7	
6	Bromomethane	94	1.613	1.613	0.000	97	33247	20.0	14.9	
7	Chloroethane	64	1.731	1.731	0.000	99	52435	20.0	19.6	
8	Dichlorofluoromethane	67	1.972	1.972	0.000	98	138035	20.0	23.2	
9	Trichlorofluoromethane	101	1.984	1.984	0.000	99	93077	20.0	21.5	
10	Pentane	72	2.036	2.036	0.000	96	16964	40.0	42.0	
11	Ethanol	46	2.248	2.248	0.000	100	9157	800.0	535.8	
12	Ethyl ether	59	2.313	2.313	0.000	93	61800	20.0	20.8	
13	2-Methyl-1,3-butadiene	53	2.330	2.330	0.000	90	66744	20.0	20.7	
14	1,2-Dichloro-1,1,2-trifluo	117	2.383	2.383	0.000	98	41625	20.0	18.2	
15	1,1,2-Trichloro-1,2,2-trif	101	2.536	2.536	0.000	92	50034	20.0	19.5	
16	Acrolein	56	2.536	2.536	0.000	7	4518	40.0	34.5	M
17	1,1-Dichloroethene	96	2.589	2.589	0.000	92	51152	20.0	17.8	
18	Acetone	43	2.706	2.706	0.000	84	107721	100.0	68.0	
19	Iodomethane	142	2.783	2.783	0.000	99	53855	20.0	16.0	
21	Isopropyl alcohol	45	2.818	2.818	0.000	35	35170	200.0	159.1	
20	Carbon disulfide	76	2.830	2.830	0.000	100	214308	20.0	20.5	
22	3-Chloro-1-propene	76	3.012	3.012	0.000	91	39901	20.0	21.2	
23	Methyl acetate	43	3.029	3.029	0.000	99	416502	100.0	99.2	
24	Cyclopentene	67	3.041	3.041	0.000	93	182018	20.0	19.8	
25	Acetonitrile	41	3.094	3.094	0.000	94	117123	200.0	207.7	
* 26	TBA-d9 (IS)	65	3.165	3.165	0.000	94	206361	1000.0	1000.0	
27	Methylene Chloride	84	3.182	3.182	0.000	97	71427	20.0	20.3	
28	2-Methyl-2-propanol	59	3.253	3.253	0.000	97	70166	200.0	221.7	
29	Methyl tert-butyl ether	73	3.382	3.382	0.000	97	198300	20.0	21.1	
30	trans-1,2-Dichloroethene	96	3.429	3.429	0.000	97	62226	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.517	3.517	0.000	94	296566	200.0	217.0	
32 Hexane	57	3.629	3.629	0.000	0	56808	20.0	21.6	
33 Isopropyl ether	45	3.893	3.893	0.000	97	282495	20.0	21.6	
34 1,1-Dichloroethane	63	3.940	3.940	0.000	99	137667	20.0	21.7	
36 Allyl alcohol	57	3.964	3.964	0.000	93	22030	500.0	365.1	
35 Vinyl acetate	43	3.952	3.952	0.000	100	64249	40.0	17.3	
37 2-Chloro-1,3-butadiene	88	3.999	3.999	0.000	93	53611	20.0	19.6	
38 Tert-butyl ethyl ether	59	4.287	4.287	0.000	88	235673	20.0	20.7	
* 39 2-Butanone-d5	46	4.534	4.534	0.000	96	316441	250.0	250.0	
40 2,2-Dichloropropane	97	4.551	4.551	0.000	92	22408	20.0	20.1	
41 cis-1,2-Dichloroethene	96	4.586	4.586	0.000	91	68242	20.0	18.9	
42 2-Butanone (MEK)	72	4.604	4.604	0.000	96	37916	100.0	83.1	
43 Ethyl acetate	43	4.604	4.604	0.000	94	301070	40.0	43.8	
44 Methyl acrylate	55	4.675	4.675	0.000	99	68419	20.0	18.3	
45 Propionitrile	54	4.763	4.763	0.000	97	109531	200.0	198.6	
47 Tetrahydrofuran	72	4.851	4.851	0.000	83	17752	40.0	37.7	
46 Chlorobromomethane	128	4.863	4.863	0.000	94	29194	20.0	19.8	
48 Methacrylonitrile	67	4.892	4.892	0.000	96	309444	200.0	200.0	
49 Chloroform	83	4.927	4.927	0.000	97	115947	20.0	20.8	
50 Cyclohexane	56	5.080	5.080	0.000	97	92856	20.0	20.8	
51 1,1,1-Trichloroethane	97	5.098	5.098	0.000	99	88592	20.0	19.9	
$ 52 Dibromofluoromethane (Surr	113	5.121	5.121	0.000	95	107485	50.0	49.8	
53 Carbon tetrachloride	117	5.244	5.244	0.000	97	63235	20.0	18.4	
54 1,1-Dichloropropene	75	5.280	5.280	0.000	93	80568	20.0	20.4	
55 Isobutyl alcohol	43	5.415	5.415	0.000	96	71822	500.0	381.5	
56 Isooctane	57	5.468	5.468	0.000	98	126061	20.0	18.8	
57 Benzene	78	5.515	5.515	0.000	98	272184	20.0	20.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.538	5.538	0.000	97	160558	50.0	55.5	
60 Isopropyl acetate	43	5.568	5.568	0.000	95	233962	20.0	21.4	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	94	198983	20.0	19.6	
61 1,2-Dichloroethane	62	5.621	5.621	0.000	98	102341	20.0	23.4	
62 n-Heptane	57	5.679	5.679	0.000	97	26779	20.0	19.4	
* 63 Fluorobenzene	96	5.850	5.850	0.000	98	470682	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.091	6.091	0.000	91	202644	40.0	41.5	
67 Ethyl acrylate	55	6.390	6.390	0.000	96	151514	20.0	20.5	
65 n-Butanol	56	6.185	6.185	0.000	95	36015	500.0	362.5	
66 Trichloroethene	95	6.261	6.261	0.000	92	59798	20.0	19.7	
68 Methylcyclohexane	83	6.402	6.402	0.000	81	60972	20.0	19.7	
69 1,2-Dichloropropane	63	6.590	6.590	0.000	87	76774	20.0	20.3	
* 70 1,4-Dioxane-d8	96	6.643	6.643	0.000	44	24470	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	95	34626	40.0	36.8	
72 1,4-Dioxane	88	6.719	6.719	0.000	62	10219	400.0	323.5	
73 n-Propyl acetate	43	6.719	6.719	0.000	98	123327	20.0	20.1	
74 Dibromomethane	93	6.743	6.743	0.000	92	39405	20.0	20.5	
75 Dichlorobromomethane	83	6.907	6.907	0.000	97	87891	20.0	19.1	
77 2-Chloroethyl vinyl ether	63	7.272	7.272	0.000	79	51327	20.0	20.1	
76 2-Nitropropane	41	7.272	7.272	0.000	80	30959	40.0	27.2	
78 Epichlorohydrin	57	7.395	7.395	0.000	100	141160	400.0	369.8	
79 cis-1,3-Dichloropropene	75	7.454	7.454	0.000	98	117355	20.0	20.7	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.618	0.000	98	387634	100.0	101.1	
$ 81 Toluene-d8 (Surr)	98	7.724	7.724	0.000	99	437062	50.0	48.2	
82 Toluene	91	7.812	7.812	0.000	94	261357	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.188	8.188	0.000	96	100510	20.0	20.6	
84 Ethyl methacrylate	69	8.194	8.194	0.000	93	87285	20.0	18.2	
85 1,1,2-Trichloroethane	83	8.423	8.423	0.000	92	50589	20.0	18.4	
86 Tetrachloroethene	166	8.476	8.476	0.000	90	40131	20.0	17.2	
87 1,3-Dichloropropane	76	8.652	8.652	0.000	97	106130	20.0	20.3	
89 2-Hexanone	58	8.693	8.693	0.000	99	127357	100.0	85.2	
88 n-Butyl acetate	43	8.805	8.805	0.000	97	106417	20.0	32.2	
90 Chlorodibromomethane	129	8.905	8.905	0.000	97	51255	20.0	17.2	
91 Ethylene Dibromide	107	9.081	9.081	0.000	94	56275	20.0	19.5	
* 92 Chlorobenzene-d5	117	9.569	9.569	0.000	90	341994	50.0	50.0	
93 Chlorobenzene	112	9.604	9.604	0.000	92	149931	20.0	19.4	
94 Ethylbenzene	106	9.675	9.675	0.000	99	76093	20.0	20.0	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	90	49846	20.0	18.3	
96 m-Xylene & p-Xylene	106	9.798	9.798	0.000	98	92248	20.0	19.6	
97 n-Butyl acrylate	73	10.139	10.139	0.000	95	48852	20.0	17.1	
98 o-Xylene	106	10.180	10.180	0.000	92	92495	20.0	19.8	
99 Styrene	104	10.203	10.203	0.000	93	172761	20.0	19.5	
100 Amyl acetate (mixed isomer	43	10.333	10.333	0.000	88	135670	20.0	20.2	
101 Bromoform	173	10.397	10.397	0.000	92	27710	20.0	14.0	
102 Isopropylbenzene	105	10.480	10.480	0.000	97	192287	20.0	19.8	
$ 103 4-Bromofluorobenzene	174	10.650	10.650	0.000	84	103871	50.0	46.1	
104 Camphene	41	10.668	10.668	0.000	97	17333	20.0	21.1	
105 Bromobenzene	156	10.767	10.767	0.000	92	56379	20.0	19.2	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	98	77271	20.0	19.3	
107 N-Propylbenzene	91	10.803	10.803	0.000	98	240614	20.0	21.7	
108 1,2,3-Trichloropropane	110	10.826	10.826	0.000	95	20648	20.0	19.5	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.832	0.000	81	25967	20.0	20.2	
110 4-Ethyltoluene	105	10.891	10.891	0.000	99	199457	20.0	19.5	
111 2-Chlorotoluene	91	10.897	10.897	0.000	96	186895	20.0	21.7	
112 1,3,5-Trimethylbenzene	105	10.938	10.938	0.000	92	165403	20.0	21.0	
113 4-Chlorotoluene	91	10.985	10.985	0.000	98	175071	20.0	21.1	
114 Butyl Methacrylate	87	10.997	10.997	0.000	98	85171	20.0	19.0	
115 tert-Butylbenzene	119	11.167	11.167	0.000	92	118371	20.0	19.9	
116 1,2,4-Trimethylbenzene	105	11.214	11.214	0.000	98	177561	20.0	21.0	
117 sec-Butylbenzene	105	11.320	11.320	0.000	98	174238	20.0	20.3	
118 4-Isopropyltoluene	119	11.414	11.414	0.000	97	148745	20.0	20.1	
119 1,3-Dichlorobenzene	146	11.431	11.431	0.000	93	96982	20.0	20.1	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.484	0.000	98	152040	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.496	11.496	0.000	89	101112	20.0	19.5	
122 Benzyl chloride	91	11.590	11.590	0.000	99	153543	20.0	17.9	
123 2,3-Dihydroindene	117	11.637	11.637	0.000	95	214049	20.0	19.8	
124 p-Diethylbenzene	119	11.660	11.660	0.000	92	101249	20.0	19.0	
125 n-Butylbenzene	91	11.678	11.678	0.000	97	193484	20.0	22.5	
126 1,2-Dichlorobenzene	146	11.749	11.749	0.000	92	99958	20.0	20.2	
127 1,2,4,5-Tetramethylbenzene	119	12.172	12.172	0.000	96	150579	20.0	19.8	
128 1,2-Dibromo-3-Chloropropan	75	12.277	12.277	0.000	88	12789	20.0	17.7	
129 1,3,5-Trichlorobenzene	180	12.371	12.371	0.000	95	52667	20.0	18.3	
130 Camphor	95	12.759	12.759	0.000	95	30491	100.0	80.4	
131 1,2,4-Trichlorobenzene	180	12.824	12.824	0.000	93	45372	20.0	17.6	
132 Hexachlorobutadiene	225	12.888	12.888	0.000	88	17307	20.0	17.5	
133 Naphthalene	128	13.029	13.029	0.000	98	138001	20.0	16.9	
134 1,2,3-Trichlorobenzene	180	13.217	13.217	0.000	92	38705	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 136 Xylenes, Total	100				0		40.0	39.4	
S 137 Total BTEX	1				0		100.0	100.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 10:20:36 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29488.D

Injection Date: 30-Jul-2015 21:13:30 Instrument ID: CVOAMS8 Operator ID:

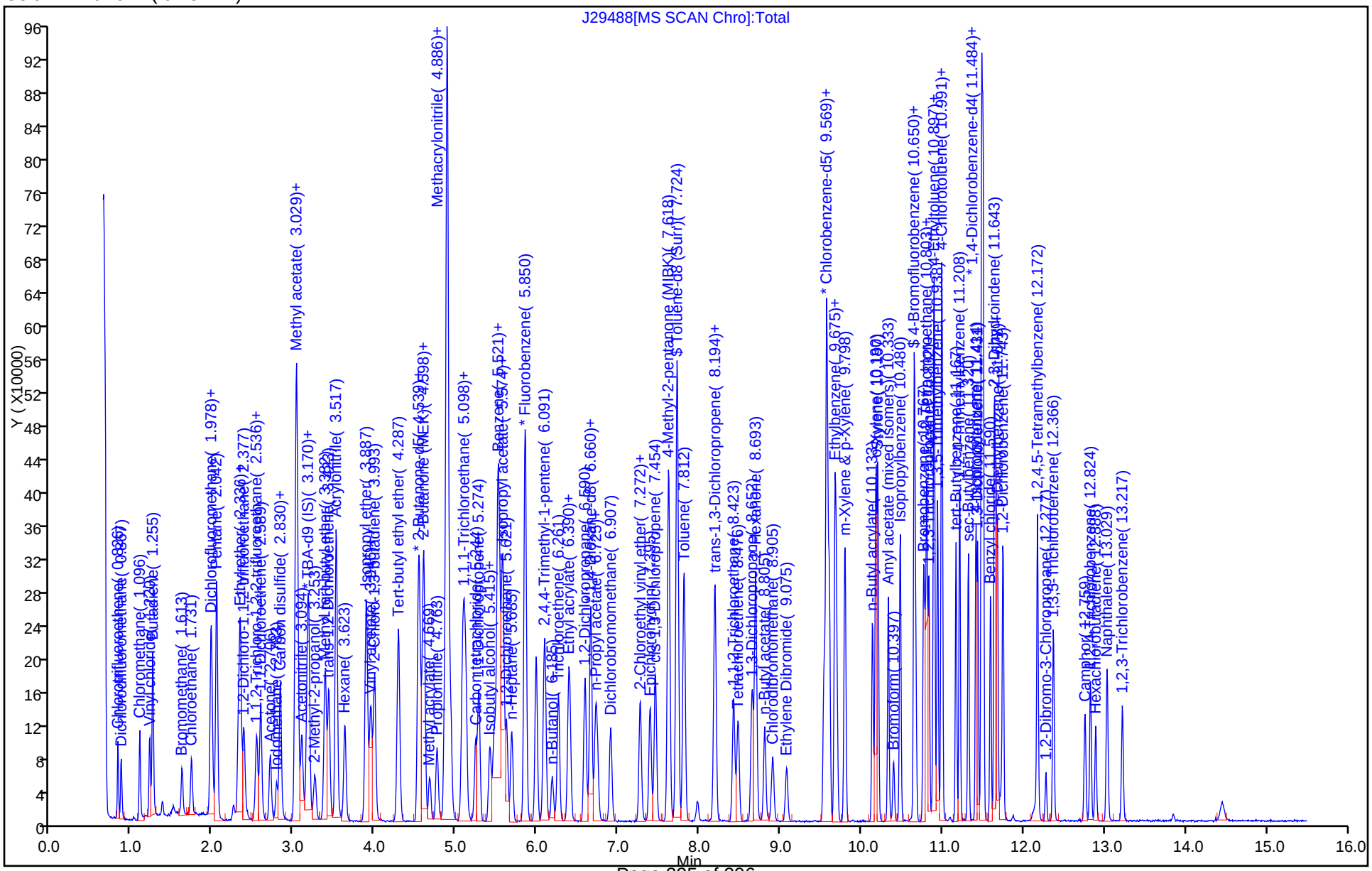
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

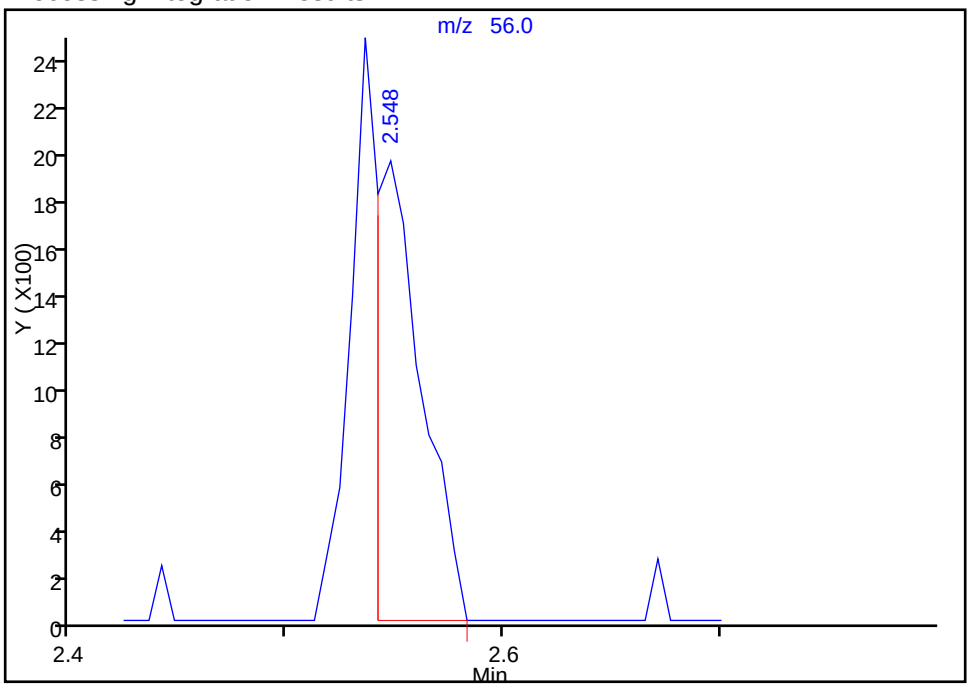
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29488.D
Injection Date: 30-Jul-2015 21:13:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

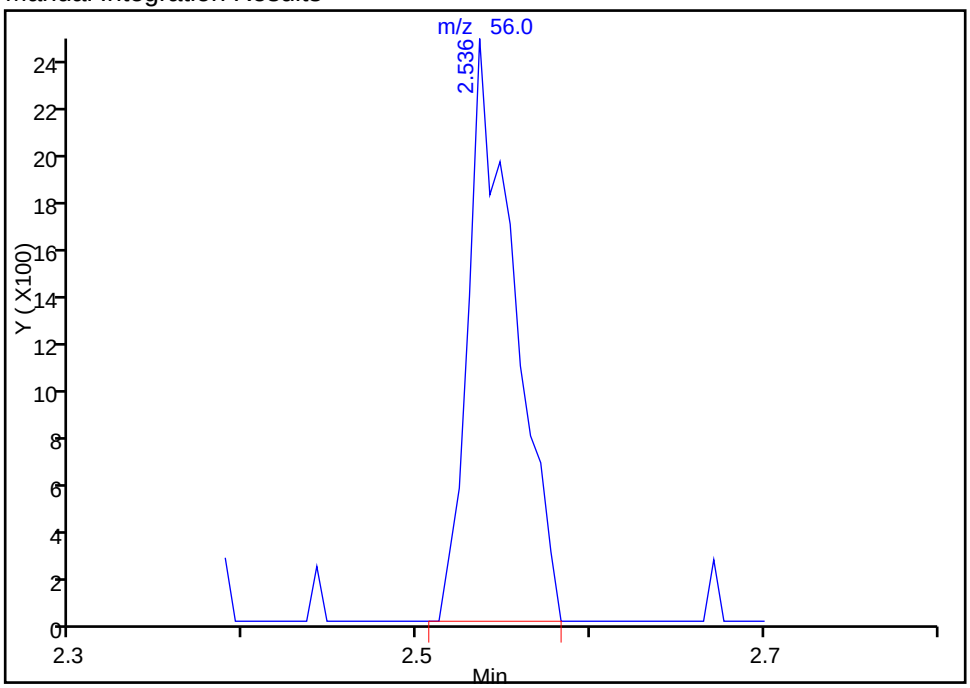
Processing Integration Results

RT: 2.55
Area: 2884
Amount: 21.993390
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 4518
Amount: 34.454278
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 10:15:15
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29083.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 21-Jul-2015 10:08:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0029825-001
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 04:31:30 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 21-Jul-2015 11:31:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.075	4.075	0.000	88	104152	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

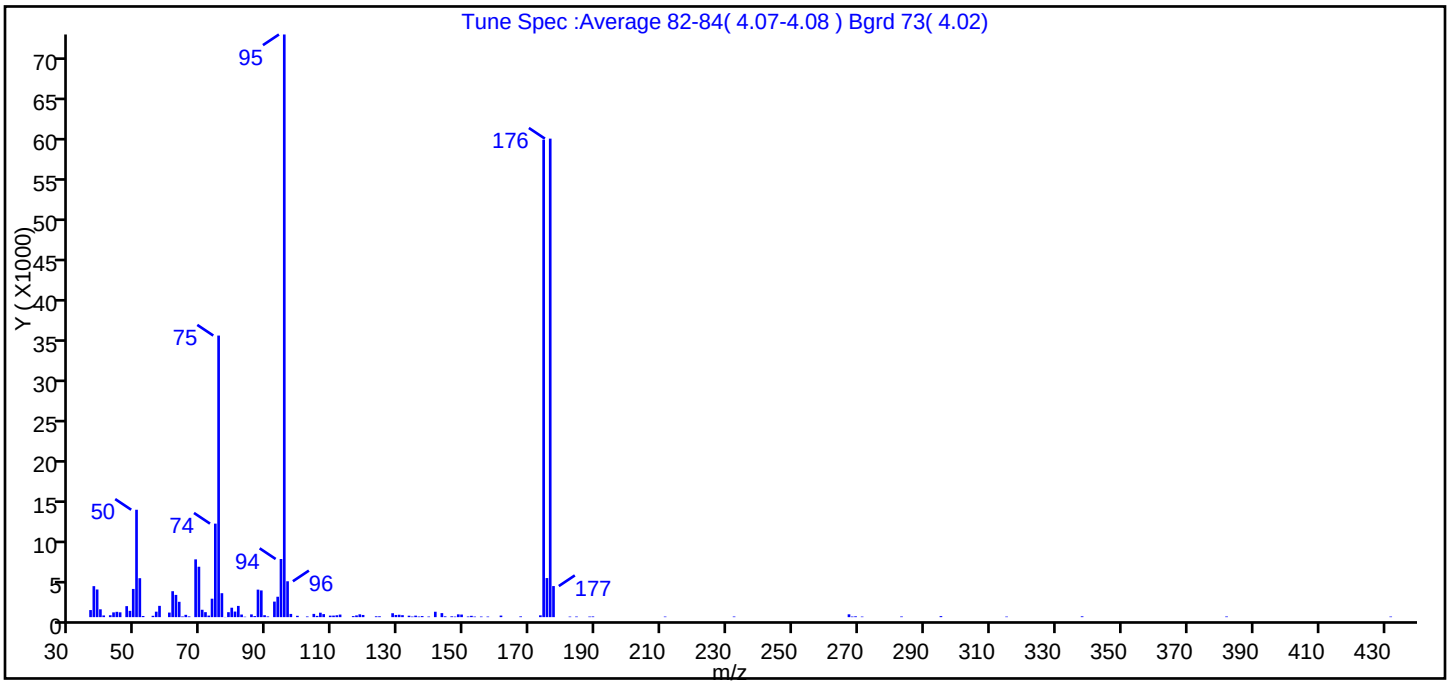
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29083.D
Injection Date: 21-Jul-2015 10:08:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.4
75	30 to 60% of m/z 95	48.3
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	81.9
175	5 to 9% of m/z 174	6.7 (8.2)
176	Greater than 95% but less than 101% of m/z 174	82.1 (100.2)
177	5 to 9% of m/z 176	5.3 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29083.D\8260_W8.rslt\spectra.d
Injection Date: 21-Jul-2015 10:08:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 73(4.02)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	885	72.00	193	107.00	381	152.00	166
37.00	3876	73.00	2307	109.00	189	153.00	69
38.00	3459	74.00	11693	110.00	195	155.00	75
39.00	980	75.00	35208	111.00	235	157.00	74
40.00	212	76.00	2994	112.00	322	161.00	195
42.00	238	77.00	22	116.00	130	167.00	93
43.00	596	78.00	619	117.00	217	173.00	225
44.00	665	79.00	1179	118.00	354	174.00	59696
45.00	604	80.00	698	119.00	273	175.00	4886
47.00	1377	81.00	1404	123.00	104	176.00	59832
48.00	786	82.00	325	124.00	106	177.00	3886
49.00	3527	83.00	54	128.00	489	182.00	69
50.00	13429	85.00	343	129.00	273	184.00	76
51.00	4870	86.00	133	130.00	300	188.00	73
52.00	144	87.00	3439	131.00	246	189.00	86
55.00	167	88.00	3339	133.00	179	211.00	71
56.00	684	89.00	241	134.00	70	232.00	78
57.00	1411	90.00	90	135.00	187	267.00	354
60.00	572	92.00	1943	136.00	76	268.00	75
61.00	3244	93.00	2551	137.00	133	269.00	104
62.00	2781	94.00	7270	139.00	76	271.00	70
63.00	1918	95.00	72856	141.00	676	283.00	82
64.00	85	96.00	4486	143.00	505	295.00	127
65.00	291	97.00	403	144.00	100	315.00	70
66.00	92	99.00	167	146.00	101	338.00	102
68.00	7225	102.00	85	147.00	70	382.00	83
69.00	6303	104.00	408	148.00	348	432.00	73
70.00	923	105.00	157	149.00	324		
71.00	624	106.00	554	151.00	80		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29459.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Jul-2015 08:11:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0030221-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	30-Jul-2015 12:06:24	Calib Date:	21-Jul-2015 18:18:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK018				
First Level Reviewer: moroneyc		Date:	30-Jul-2015 09:21:07		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.077	4.077	0.000	87	85085	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

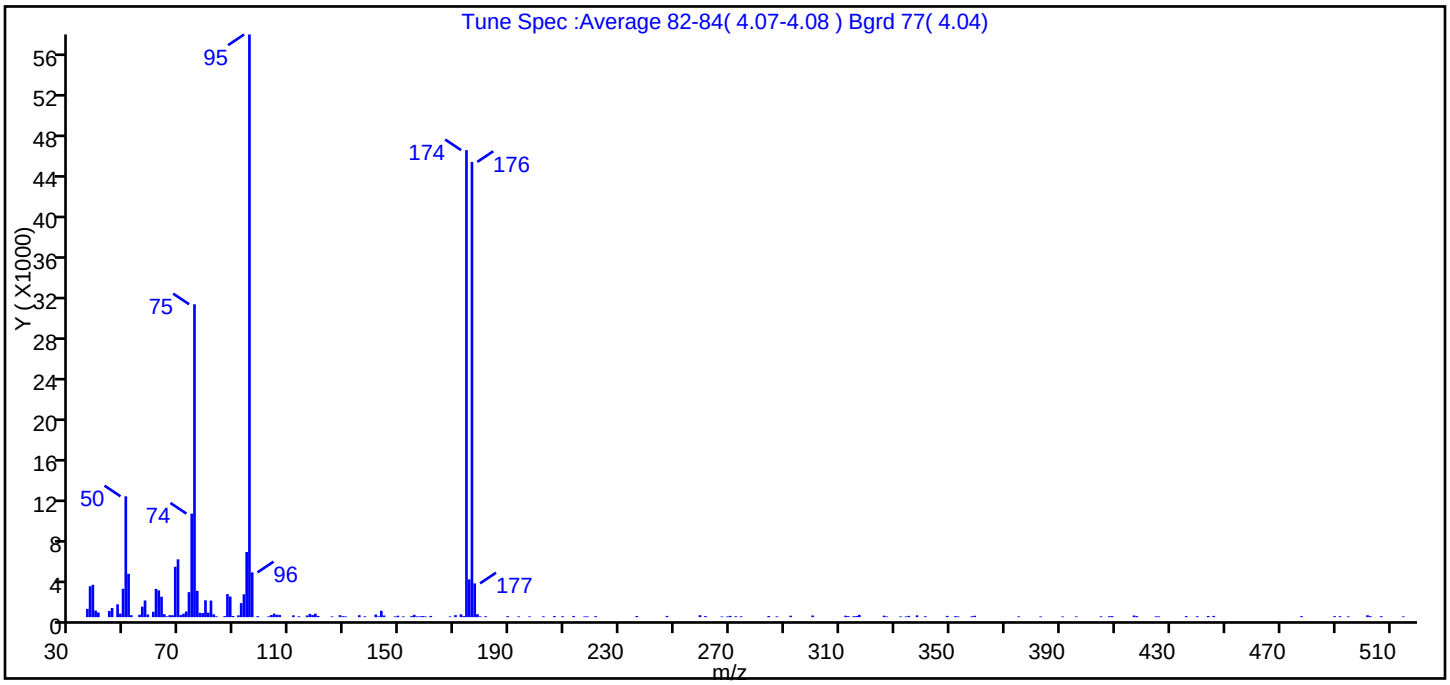
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29459.D
Injection Date: 30-Jul-2015 08:11:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.7
75	30 to 60% of m/z 95	53.7
96	5 to 9% of m/z 95	7.7
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	80.1
175	5 to 9% of m/z 174	6.5 (8.1)
176	Greater than 95% but less than 101% of m/z 174	78.1 (97.5)
177	5 to 9% of m/z 176	5.8 (7.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29459.D\8260_W8.rslt\spectra.d
Injection Date: 30-Jul-2015 08:11:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 77(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 158

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	809	83.00	79	157.00	72	315.00	92
37.00	3024	86.00	102	158.00	111	316.00	106
38.00	3169	87.00	2258	159.00	72	317.00	223
39.00	646	88.00	2010	161.00	122	326.00	144
40.00	453	89.00	114	168.00	67	327.00	70
44.00	608	91.00	176	170.00	194	332.00	70
45.00	898	92.00	1373	172.00	274	334.00	70
47.00	1257	93.00	2240	173.00	101	335.00	124
48.00	341	94.00	6380	174.00	45760	338.00	175
49.00	2781	95.00	57096	175.00	3703	341.00	88
50.00	11841	96.00	4388	176.00	44608	349.00	124
51.00	4246	98.00	95	177.00	3308	352.00	97
52.00	191	102.00	75	178.00	288	353.00	67
55.00	239	103.00	208	179.00	73	358.00	91
56.00	1032	104.00	346	181.00	91	359.00	136
57.00	1634	105.00	235	189.00	99	375.00	78
58.00	261	106.00	218	193.00	75	383.00	70
60.00	528	111.00	178	197.00	72	391.00	68
61.00	2770	113.00	84	202.00	82	396.00	74
62.00	2624	116.00	163	206.00	107	405.00	82
63.00	2003	117.00	323	209.00	90	408.00	90
64.00	290	118.00	203	213.00	119	409.00	106
65.00	77	119.00	342	217.00	67	417.00	159
66.00	193	120.00	117	218.00	72	418.00	102
67.00	188	125.00	71	221.00	98	425.00	75
68.00	4931	128.00	194	236.00	112	426.00	73
69.00	5665	129.00	89	247.00	122	436.00	108
70.00	200	130.00	75	259.00	192	440.00	90
71.00	339	135.00	189	261.00	104	444.00	112
72.00	555	137.00	82	267.00	66	446.00	125
73.00	2451	141.00	258	269.00	67	478.00	99
74.00	10143	142.00	72	270.00	126	490.00	98
75.00	30656	143.00	627	272.00	83	492.00	91

Report Date: 30-Jul-2015 12:06:26 Chrom Revision: 2.2 23-Jul-2015 08:26:08
Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29459.D\8260_W8.rslt\spectra.d
Injection Date: 30-Jul-2015 08:11:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 77(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 158

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	2579	144.00	161	274.00	82	495.00	76
77.00	424	148.00	69	284.00	112	502.00	185
78.00	399	149.00	140	287.00	76	503.00	92
79.00	1651	151.00	76	292.00	142	507.00	92
80.00	434	154.00	98	300.00	160	515.00	77
81.00	1627	155.00	224	312.00	141		
82.00	274	156.00	77	313.00	90		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29487.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Jul-2015 20:42:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0030251-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	31-Jul-2015 08:22:13	Calib Date:	21-Jul-2015 18:18:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK047				
First Level Reviewer: starzecm		Date:	30-Jul-2015 21:57:28		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.069	4.069	0.000	84	98639	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

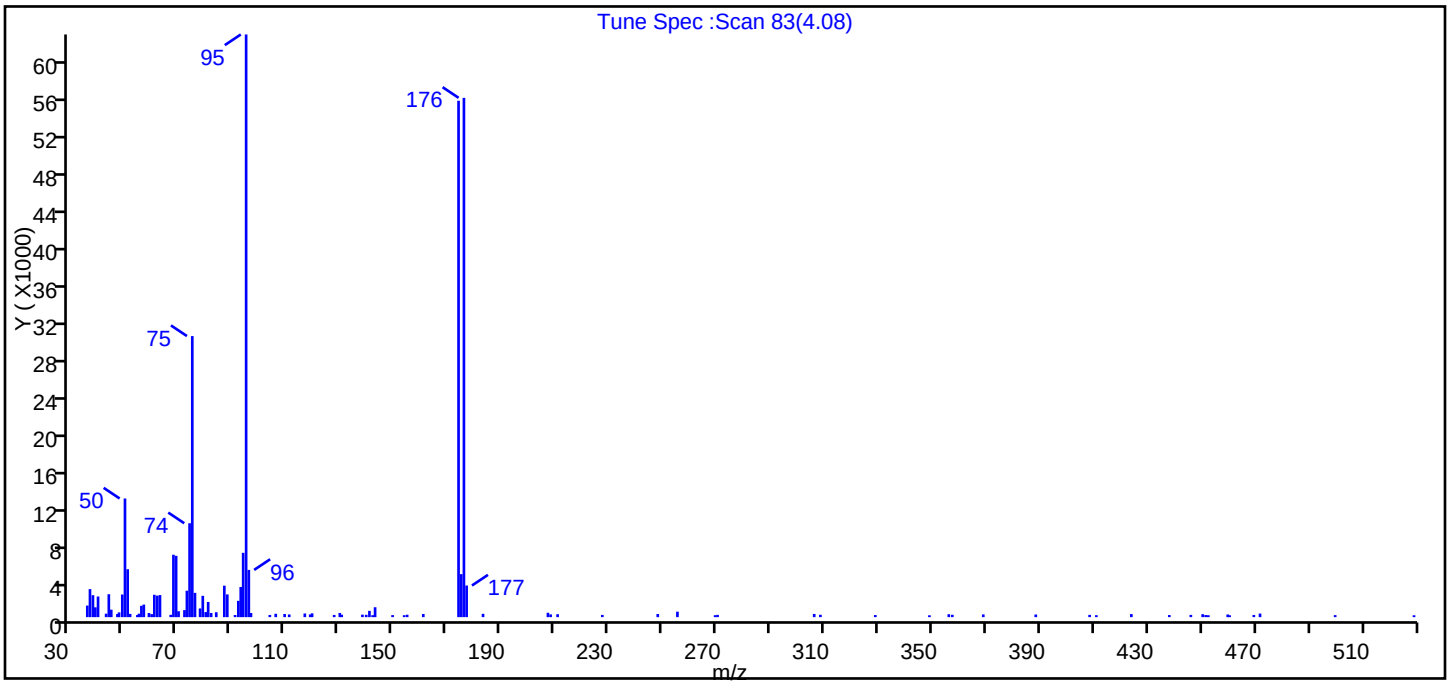
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29487.D
Injection Date: 30-Jul-2015 20:42:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.4
75	30 to 60% of m/z 95	48.2
96	5 to 9% of m/z 95	8.1
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	88.6
175	5 to 9% of m/z 174	7.4 (8.3)
176	Greater than 95% but less than 101% of m/z 174	89.1 (100.6)
177	5 to 9% of m/z 176	5.4 (6.1)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29487.D\8260_W8.rslt\spectra.d
Injection Date: 30-Jul-2015 20:42:30
Spectrum: Tune Spec :Scan 83(4.08)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 101

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1249	70.00	638	118.90	290	270.20	246
37.10	3025	72.20	757	119.60	412	306.10	345
38.20	2370	73.10	2851	127.80	239	308.40	257
39.10	1060	74.10	10134	129.90	452	328.80	226
40.10	2227	75.10	30336	130.60	259	348.90	200
43.10	374	76.10	2621	138.30	271	356.10	314
44.10	2472	78.00	939	139.70	252	357.40	255
45.00	807	79.00	2301	140.90	677	368.90	295
47.30	337	80.10	549	142.10	212	388.40	285
47.90	512	81.00	1639	143.00	1068	408.40	246
49.10	2443	82.10	450	149.50	221	410.90	211
50.10	12805	84.00	528	153.80	209	423.90	331
51.10	5172	87.00	3396	154.90	261	438.00	225
52.00	353	88.10	2454	160.90	342	446.00	246
54.70	226	91.00	232	174.00	55736	450.40	318
55.30	371	92.20	1760	175.00	4643	451.50	228
56.20	1223	93.10	3253	176.00	56048	452.50	206
57.10	1355	94.00	6941	177.00	3413	459.70	289
59.00	444	95.10	62888	183.10	361	460.40	205
60.00	326	96.10	5098	207.20	471	469.40	237
61.00	2415	96.90	448	208.20	297	471.70	388
62.10	2321	103.90	238	210.80	316	499.60	218
63.10	2383	106.10	363	227.40	241	528.90	202
67.10	251	109.40	339	248.00	340		
68.10	6736	111.10	290	255.30	590		
69.10	6618	116.90	394	269.30	210		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313622/7

Matrix: Water | Lab File ID: J29465.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 10:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313622/7

Matrix: Water | Lab File ID: J29465.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 10:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-313622/7

Matrix: Water Lab File ID: J29465.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 10:51

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29465.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Jul-2015 10:51:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030221-007
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 12:26:55 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK018

First Level Reviewer: moroneyc Date: 30-Jul-2015 12:26:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.164	0.000	81	226638	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.533	4.533	0.000	84	328809	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	95	112275	50.0	50.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	97	164079	50.0	55.3	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	482123	50.0	50.0	
* 70 1,4-Dioxane-d8	96	6.642	6.642	0.000	88	25468	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	98	441575	50.0	48.0	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	91	346759	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.649	10.649	0.000	82	98757	50.0	43.2	
* 120 1,4-Dichlorobenzene-d4	152	11.496	11.496	0.000	98	145379	50.0	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

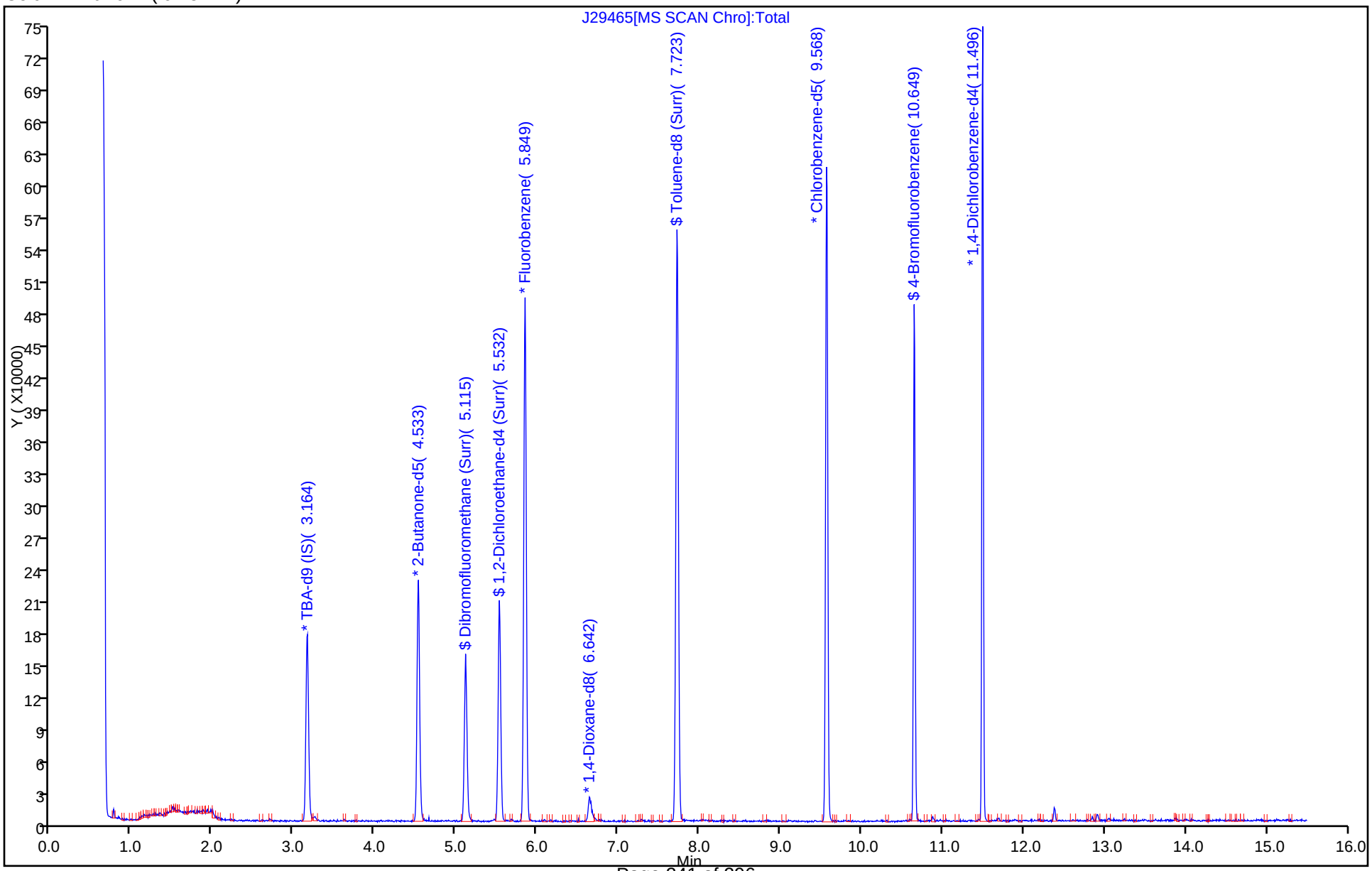
Report Date: 30-Jul-2015 12:26:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29465.D

Injection Date:	30-Jul-2015 10:51:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313792/7

Matrix: Water | Lab File ID: J29493.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 23:34

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313792/7

Matrix: Water | Lab File ID: J29493.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 23:34

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-313792/7

Matrix: Water Lab File ID: J29493.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 23:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313792 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29493.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Jul-2015 23:34:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030251-007
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 10:17:05 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: delpolitov Date: 31-Jul-2015 10:17:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.161	3.161	0.000	81	218976	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.530	4.530	0.000	85	319865	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.117	0.000	95	105352	50.0	49.1	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.529	5.529	0.000	98	159575	50.0	55.4	
* 63 Fluorobenzene	96	5.852	5.852	0.000	97	468368	50.0	50.0	
* 70 1,4-Dioxane-d8	96	6.651	6.651	0.000	87	24492	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.726	7.726	0.000	98	430175	50.0	47.8	
* 92 Chlorobenzene-d5	117	9.571	9.571	0.000	90	339197	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.652	0.000	82	99458	50.0	44.5	
* 120 1,4-Dichlorobenzene-d4	152	11.475	11.475	0.000	98	142386	50.0	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

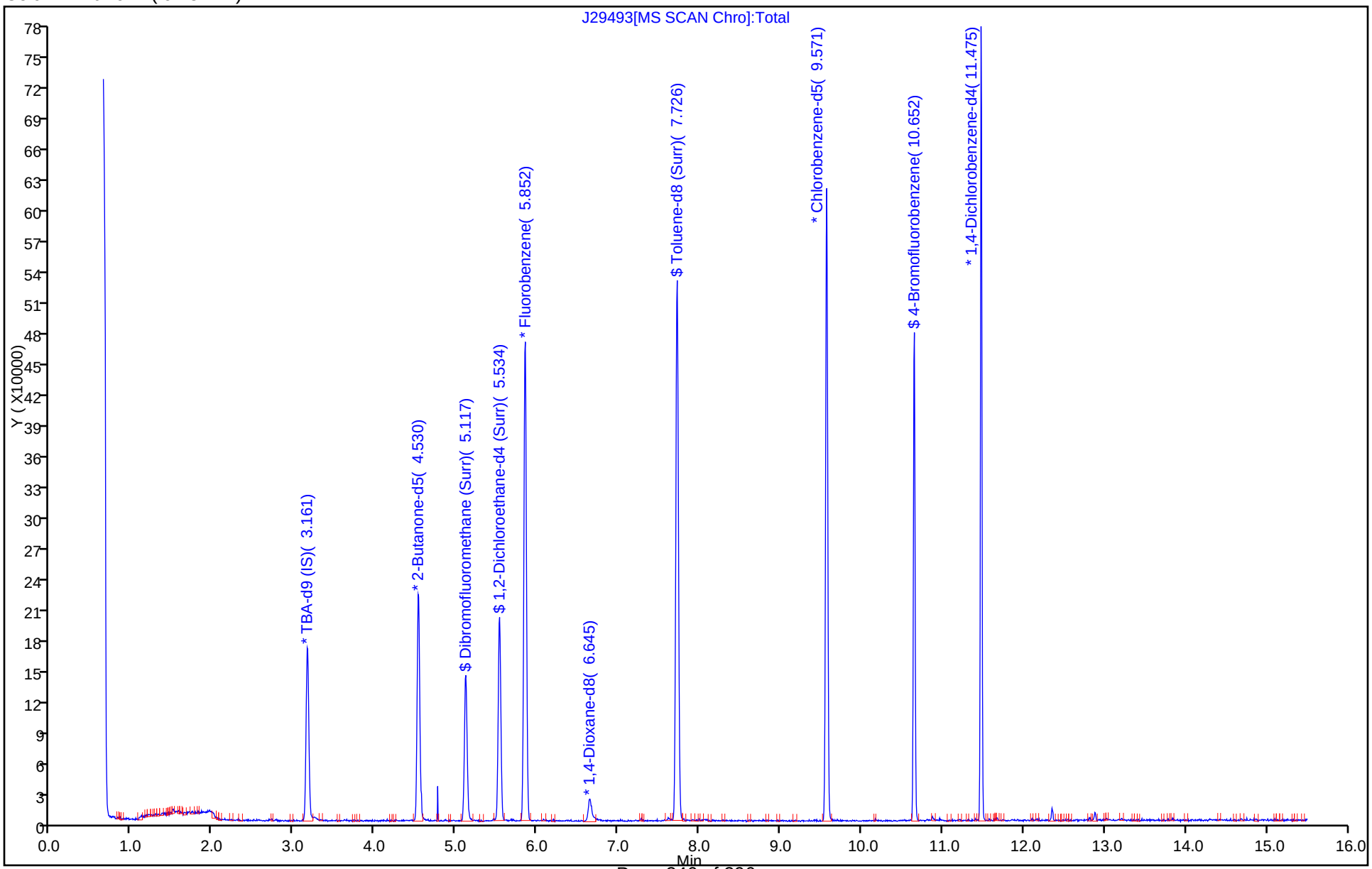
Report Date: 31-Jul-2015 10:17:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29493.D

Injection Date:	30-Jul-2015 23:34:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313622/3

Matrix: Water | Lab File ID: J29461.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 09:07

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.1		1.0	0.34
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.080
75-34-3	1,1-Dichloroethane	21.9		1.0	0.24
75-35-4	1,1-Dichloroethene	20.3		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.22
107-06-2	1,2-Dichloroethane	22.6		1.0	0.25
78-87-5	1,2-Dichloropropane	20.0		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.33
123-91-1	1,4-Dioxane	475		50	8.7
78-93-3	2-Butanone (MEK)	88.6		5.0	2.2
591-78-6	2-Hexanone	86.6		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	0.63
67-64-1	Acetone	74.6		5.0	1.1
71-43-2	Benzene	21.0		1.0	0.090
75-25-2	Bromoform	14.7		1.0	0.18
74-83-9	Bromomethane	15.8		1.0	0.18
75-15-0	Carbon disulfide	21.4		1.0	0.22
56-23-5	Carbon tetrachloride	20.0		1.0	0.33
108-90-7	Chlorobenzene	19.9		1.0	0.24
74-97-5	Chlorobromomethane	19.6		1.0	0.30
124-48-1	Chlorodibromomethane	17.5		1.0	0.22
75-00-3	Chloroethane	22.2		1.0	0.37
67-66-3	Chloroform	20.9		1.0	0.22
74-87-3	Chloromethane	18.8		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.16
110-82-7	Cyclohexane	22.2		1.0	0.26
75-27-4	Dichlorobromomethane	18.7		1.0	0.15
75-71-8	Dichlorodifluoromethane	19.1		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313622/3

Matrix: Water | Lab File ID: J29461.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 09:07

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.6		1.0	0.30
106-93-4	Ethylene Dibromide	19.3		1.0	0.19
98-82-8	Isopropylbenzene	21.1		1.0	0.32
79-20-9	Methyl acetate	106		5.0	0.58
1634-04-4	Methyl tert-butyl ether	21.2		1.0	0.13
108-87-2	Methylcyclohexane	20.2		1.0	0.22
75-09-2	Methylene Chloride	18.5		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.28
95-47-6	o-Xylene	20.3		1.0	0.32
100-42-5	Styrene	19.9		1.0	0.17
127-18-4	Tetrachloroethene	19.1		1.0	0.12
108-88-3	Toluene	20.4		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.19
79-01-6	Trichloroethene	20.3		1.0	0.22
75-69-4	Trichlorofluoromethane	23.2		1.0	0.15
75-01-4	Vinyl chloride	20.5		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29461.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Jul-2015 09:07:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030221-003
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 12:06:30 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK018

First Level Reviewer: moroneyc Date: 30-Jul-2015 10:44:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.822	0.822	0.000	76	10647	20.0	25.8	
2 Dichlorodifluoromethane	85	0.863	0.863	0.000	100	68774	20.0	19.1	
3 Chloromethane	50	1.092	1.092	0.000	100	92774	20.0	18.8	
4 Vinyl chloride	62	1.216	1.216	0.000	99	93367	20.0	20.5	
5 Butadiene	54	1.257	1.257	0.000	0	84917	20.0	18.8	
6 Bromomethane	94	1.598	1.598	0.000	99	35745	20.0	15.8	
7 Chloroethane	64	1.721	1.721	0.000	99	60298	20.0	22.2	
8 Dichlorofluoromethane	67	1.968	1.968	0.000	98	141768	20.0	23.4	
9 Trichlorofluoromethane	101	1.974	1.974	0.000	97	101813	20.0	23.2	
10 Pentane	72	2.032	2.032	0.000	96	18790	40.0	39.7	
11 Ethanol	46	2.262	2.262	0.000	98	13781	800.0	689.3	
12 Ethyl ether	59	2.309	2.309	0.000	95	64404	20.0	21.3	
13 2-Methyl-1,3-butadiene	53	2.332	2.332	0.000	90	72570	20.0	22.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.379	2.379	0.000	88	46401	20.0	19.9	
15 1,1,2-Trichloro-1,2,2-trif	101	2.532	2.532	0.000	91	52381	20.0	20.1	
16 Acrolein	56	2.544	2.544	0.000	27	3398	40.0	22.2	
17 1,1-Dichloroethene	96	2.585	2.585	0.000	94	59355	20.0	20.3	
18 Acetone	43	2.708	2.708	0.000	85	128650	100.0	74.6	
19 Iodomethane	142	2.784	2.784	0.000	99	56079	20.0	16.4	
20 Carbon disulfide	76	2.826	2.826	0.000	100	227901	20.0	21.4	
21 Isopropyl alcohol	45	2.831	2.831	0.000	38	49554	200.0	192.8	
22 3-Chloro-1-propene	76	3.014	3.014	0.000	92	38730	20.0	20.2	
23 Methyl acetate	43	3.025	3.025	0.000	100	453352	100.0	106.2	
24 Cyclopentene	67	3.037	3.037	0.000	93	194232	20.0	20.8	
25 Acetonitrile	41	3.096	3.096	0.000	98	138621	200.0	210.2	
27 Methylene Chloride	84	3.178	3.178	0.000	97	66393	20.0	18.5	
* 26 TBA-d9 (IS)	65	3.172	3.172	0.000	97	241417	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.254	3.254	0.000	98	70574	200.0	187.6	
29 Methyl tert-butyl ether	73	3.384	3.384	0.000	97	201829	20.0	21.2	
30 trans-1,2-Dichloroethene	96	3.425	3.425	0.000	97	63809	20.0	19.1	
31 Acrylonitrile	53	3.519	3.519	0.000	94	321694	200.0	201.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.625	3.625	0.000	0	58869	20.0	22.0	
33 Isopropyl ether	45	3.889	3.889	0.000	97	279670	20.0	21.0	
34 1,1-Dichloroethane	63	3.942	3.942	0.000	98	141221	20.0	21.9	
35 Vinyl acetate	43	3.960	3.960	0.000	100	59932	40.0	15.9	
36 Allyl alcohol	57	3.977	3.977	0.000	84	33363	500.0	472.6	
37 2-Chloro-1,3-butadiene	88	3.989	3.989	0.000	94	59509	20.0	21.4	
38 Tert-butyl ethyl ether	59	4.289	4.289	0.000	89	234759	20.0	20.2	
* 39 2-Butanone-d5	46	4.535	4.535	0.000	95	344162	250.0	250.0	
40 2,2-Dichloropropane	97	4.553	4.553	0.000	80	22281	20.0	19.7	
41 cis-1,2-Dichloroethene	96	4.588	4.588	0.000	89	72325	20.0	19.7	
42 2-Butanone (MEK)	72	4.600	4.600	0.000	98	43976	100.0	88.6	
43 Ethyl acetate	43	4.606	4.606	0.000	95	338520	40.0	45.3	
44 Methyl acrylate	55	4.670	4.670	0.000	99	74482	20.0	19.6	
45 Propionitrile	54	4.764	4.764	0.000	98	120536	200.0	186.8	
47 Tetrahydrofuran	72	4.864	4.864	0.000	43	19982	40.0	39.0	
46 Chlorobromomethane	128	4.858	4.858	0.000	88	29471	20.0	19.6	
48 Methacrylonitrile	67	4.888	4.888	0.000	96	335177	200.0	213.0	
49 Chloroform	83	4.929	4.929	0.000	97	118436	20.0	20.9	
50 Cyclohexane	56	5.082	5.082	0.000	97	100558	20.0	22.2	
51 1,1,1-Trichloroethane	97	5.093	5.093	0.000	98	94421	20.0	20.8	
$ 52 Dibromofluoromethane (Surr	113	5.123	5.123	0.000	95	109608	50.0	50.0	
53 Carbon tetrachloride	117	5.246	5.246	0.000	96	69683	20.0	20.0	
54 1,1-Dichloropropene	75	5.282	5.282	0.000	95	89708	20.0	22.3	
55 Isobutyl alcohol	43	5.417	5.417	0.000	96	92204	500.0	418.6	
56 Isooctane	57	5.470	5.470	0.000	97	155808	20.0	22.9	
57 Benzene	78	5.511	5.511	0.000	98	280065	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.534	0.000	98	161707	50.0	54.9	
60 Isopropyl acetate	43	5.569	5.569	0.000	97	246421	20.0	22.2	
59 Tert-amyl methyl ether	73	5.581	5.581	0.000	93	209418	20.0	20.3	
61 1,2-Dichloroethane	62	5.622	5.622	0.000	96	100417	20.0	22.6	
62 n-Heptane	57	5.687	5.687	0.000	97	34594	20.0	24.7	
* 63 Fluorobenzene	96	5.851	5.851	0.000	97	478662	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.092	6.092	0.000	92	226480	40.0	45.6	
67 Ethyl acrylate	55	6.086	6.086	0.000	67	61874	20.0	8.24	
65 n-Butanol	56	6.186	6.186	0.000	94	51378	500.0	442.1	
66 Trichloroethene	95	6.263	6.263	0.000	93	62569	20.0	20.3	
68 Methylcyclohexane	83	6.398	6.398	0.000	88	63542	20.0	20.2	
69 1,2-Dichloropropane	63	6.592	6.592	0.000	85	76933	20.0	20.0	
* 70 1,4-Dioxane-d8	96	6.650	6.650	0.000	90	27510	1000.0	1000.0	
71 Methyl methacrylate	100	6.662	6.662	0.000	95	37365	40.0	39.1	
72 1,4-Dioxane	88	6.709	6.709	0.000	31	16875	400.0	475.1	
73 n-Propyl acetate	43	6.721	6.721	0.000	98	132770	20.0	21.3	
74 Dibromomethane	93	6.739	6.739	0.000	89	41016	20.0	21.0	
75 Dichlorobromomethane	83	6.903	6.903	0.000	98	87501	20.0	18.7	
77 2-Chloroethyl vinyl ether	63	7.267	7.267	0.000	77	55215	20.0	21.2	
76 2-Nitropropane	41	7.273	7.273	0.000	79	35006	40.0	30.4	
78 Epichlorohydrin	57	7.391	7.391	0.000	100	156874	400.0	377.8	
79 cis-1,3-Dichloropropene	75	7.455	7.455	0.000	96	115330	20.0	20.0	
80 4-Methyl-2-pentanone (MIBK	43	7.620	7.620	0.000	99	422673	100.0	101.4	
$ 81 Toluene-d8 (Surr)	98	7.726	7.726	0.000	98	442830	50.0	48.0	
82 Toluene	91	7.808	7.808	0.000	94	270805	20.0	20.4	
83 trans-1,3-Dichloropropene	75	8.184	8.184	0.000	95	99326	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.202	8.202	0.000	95	92117	20.0	18.9	
85 1,1,2-Trichloroethane	83	8.419	8.419	0.000	95	51935	20.0	18.6	
86 Tetrachloroethene	166	8.478	8.478	0.000	94	45404	20.0	19.1	
87 1,3-Dichloropropane	76	8.648	8.648	0.000	97	111046	20.0	20.9	
89 2-Hexanone	58	8.695	8.695	0.000	99	140886	100.0	86.6	
88 n-Butyl acetate	43	8.807	8.807	0.000	98	110244	20.0	32.8	
90 Chlorodibromomethane	129	8.901	8.901	0.000	97	53292	20.0	17.5	
91 Ethylene Dibromide	107	9.071	9.071	0.000	100	56577	20.0	19.3	
* 92 Chlorobenzene-d5	117	9.571	9.571	0.000	91	347588	50.0	50.0	
93 Chlorobenzene	112	9.600	9.600	0.000	91	155726	20.0	19.9	
94 Ethylbenzene	106	9.670	9.670	0.000	99	79771	20.0	20.6	
95 1,1,1,2-Tetrachloroethane	131	9.694	9.694	0.000	91	51154	20.0	18.4	
96 m-Xylene & p-Xylene	106	9.800	9.800	0.000	98	94889	20.0	19.8	
97 n-Butyl acrylate	73	10.135	10.135	0.000	98	51069	20.0	17.6	
98 o-Xylene	106	10.176	10.176	0.000	92	96243	20.0	20.3	
99 Styrene	104	10.199	10.199	0.000	95	178864	20.0	19.9	
100 Amyl acetate (mixed isomer	43	10.329	10.329	0.000	89	146020	20.0	20.8	
101 Bromoform	173	10.399	10.399	0.000	93	29634	20.0	14.7	
102 Isopropylbenzene	105	10.475	10.475	0.000	97	208561	20.0	21.1	
$ 103 4-Bromofluorobenzene	174	10.652	10.652	0.000	82	103170	50.0	45.0	
104 Camphene	41	10.669	10.669	0.000	97	22069	20.0	26.7	
105 Bromobenzene	156	10.763	10.763	0.000	92	59511	20.0	19.4	
106 1,1,2,2-Tetrachloroethane	83	10.787	10.787	0.000	98	83531	20.0	20.0	
107 N-Propylbenzene	91	10.804	10.804	0.000	98	253146	20.0	21.9	
108 1,2,3-Trichloropropane	110	10.828	10.828	0.000	96	22214	20.0	20.1	
109 trans-1,4-Dichloro-2-buten	53	10.834	10.834	0.000	84	27140	20.0	20.2	
110 4-Ethyltoluene	105	10.893	10.893	0.000	98	208369	20.0	19.5	
111 2-Chlorotoluene	91	10.898	10.898	0.000	97	194277	20.0	21.6	
112 1,3,5-Trimethylbenzene	105	10.940	10.940	0.000	92	175912	20.0	21.4	
113 4-Chlorotoluene	91	10.987	10.987	0.000	99	178276	20.0	20.6	
114 Butyl Methacrylate	87	10.998	10.998	0.000	98	87035	20.0	18.6	
115 tert-Butylbenzene	119	11.169	11.169	0.000	91	128773	20.0	20.7	
116 1,2,4-Trimethylbenzene	105	11.216	11.216	0.000	98	183589	20.0	20.8	
117 sec-Butylbenzene	105	11.321	11.321	0.000	99	192170	20.0	21.4	
118 4-Isopropyltoluene	119	11.415	11.415	0.000	97	163095	20.0	21.1	
119 1,3-Dichlorobenzene	146	11.439	11.439	0.000	92	99500	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	11.486	11.486	0.000	98	158683	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.504	11.504	0.000	93	105692	20.0	19.6	
122 Benzyl chloride	91	11.598	11.598	0.000	97	148576	20.0	16.6	
123 2,3-Dihydroindene	117	11.645	11.645	0.000	93	221833	20.0	19.6	
124 p-Diethylbenzene	119	11.662	11.662	0.000	90	106999	20.0	19.2	
125 n-Butylbenzene	91	11.686	11.686	0.000	98	227081	20.0	25.3	
126 1,2-Dichlorobenzene	146	11.750	11.750	0.000	94	103909	20.0	20.1	
127 1,2,4,5-Tetramethylbenzene	119	12.179	12.179	0.000	96	159618	20.0	20.1	
128 1,2-Dibromo-3-Chloropropan	75	12.285	12.285	0.000	88	13853	20.0	18.4	
129 1,3,5-Trichlorobenzene	180	12.379	12.379	0.000	96	57793	20.0	19.3	
130 Camphor	95	12.767	12.767	0.000	95	38133	100.0	96.3	
131 1,2,4-Trichlorobenzene	180	12.831	12.831	0.000	93	51348	20.0	19.1	
132 Hexachlorobutadiene	225	12.896	12.896	0.000	92	20810	20.0	20.3	
133 Naphthalene	128	13.037	13.037	0.000	99	173645	20.0	20.4	
134 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	93	46184	20.0	19.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	38.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	40.1	
S 137 Total BTEX	1				0		100.0	102.1	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jul-2015 12:06:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29461.D

Injection Date: 30-Jul-2015 09:07:30 Instrument ID: CVOAMS8 Operator ID:

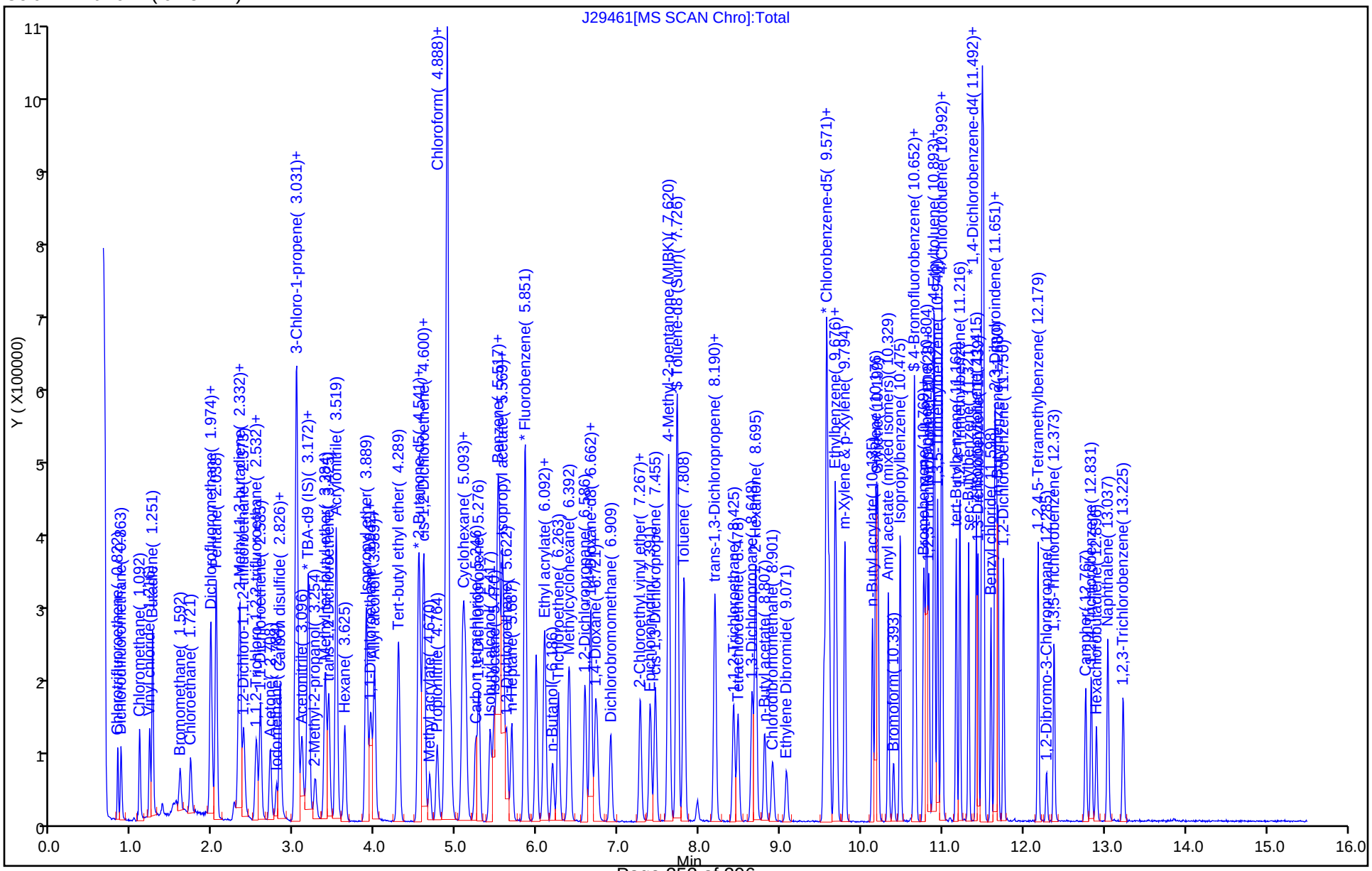
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313792/3

Matrix: Water | Lab File ID: J29489.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 21:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.6		1.0	0.34
79-00-5	1,1,2-Trichloroethane	17.9		1.0	0.080
75-34-3	1,1-Dichloroethane	20.6		1.0	0.24
75-35-4	1,1-Dichloroethene	17.9		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.22
107-06-2	1,2-Dichloroethane	23.0		1.0	0.25
78-87-5	1,2-Dichloropropane	20.3		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.33
123-91-1	1,4-Dioxane	401		50	8.7
78-93-3	2-Butanone (MEK)	80.6		5.0	2.2
591-78-6	2-Hexanone	89.0		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	0.63
67-64-1	Acetone	67.2		5.0	1.1
71-43-2	Benzene	20.3		1.0	0.090
75-25-2	Bromoform	15.0		1.0	0.18
74-83-9	Bromomethane	16.2		1.0	0.18
75-15-0	Carbon disulfide	19.3		1.0	0.22
56-23-5	Carbon tetrachloride	17.4		1.0	0.33
108-90-7	Chlorobenzene	19.2		1.0	0.24
74-97-5	Chlorobromomethane	17.7		1.0	0.30
124-48-1	Chlorodibromomethane	16.5		1.0	0.22
75-00-3	Chloroethane	18.9		1.0	0.37
67-66-3	Chloroform	20.3		1.0	0.22
74-87-3	Chloromethane	15.3		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.16
110-82-7	Cyclohexane	19.3		1.0	0.26
75-27-4	Dichlorobromomethane	18.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	13.6		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313792/3

Matrix: Water | Lab File ID: J29489.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 21:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	19.0		1.0	0.30
106-93-4	Ethylene Dibromide	18.9		1.0	0.19
98-82-8	Isopropylbenzene	19.5		1.0	0.32
79-20-9	Methyl acetate	101		5.0	0.58
1634-04-4	Methyl tert-butyl ether	20.9		1.0	0.13
108-87-2	Methylcyclohexane	18.2		1.0	0.22
75-09-2	Methylene Chloride	18.9		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	19.0		1.0	0.28
95-47-6	o-Xylene	19.0		1.0	0.32
100-42-5	Styrene	19.3		1.0	0.17
127-18-4	Tetrachloroethene	18.3		1.0	0.12
108-88-3	Toluene	19.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.19
79-01-6	Trichloroethene	18.8		1.0	0.22
75-69-4	Trichlorofluoromethane	20.7		1.0	0.15
75-01-4	Vinyl chloride	16.0		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29489.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Jul-2015 21:51:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030251-003
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 10:16:24 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: moroneyc Date: 31-Jul-2015 09:57:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.819	0.819	0.000	98	10141	20.0	25.0	
2 Dichlorodifluoromethane	85	0.860	0.860	0.000	100	48242	20.0	13.6	
3 Chloromethane	50	1.090	1.090	0.000	99	73957	20.0	15.3	
4 Vinyl chloride	62	1.213	1.213	0.000	98	71352	20.0	16.0	
5 Butadiene	54	1.248	1.248	0.000	0	66036	20.0	14.9	
6 Bromomethane	94	1.612	1.612	0.000	97	36026	20.0	16.2	
7 Chloroethane	64	1.724	1.724	0.000	98	50546	20.0	18.9	
8 Dichlorofluoromethane	67	1.971	1.971	0.000	99	135076	20.0	22.7	
9 Trichlorofluoromethane	101	1.977	1.977	0.000	99	89349	20.0	20.7	
10 Pentane	72	2.041	2.041	0.000	98	15924	40.0	37.2	
11 Ethanol	46	2.253	2.253	0.000	99	12589	800.0	696.6	
12 Ethyl ether	59	2.306	2.306	0.000	94	61123	20.0	20.6	
13 2-Methyl-1,3-butadiene	53	2.329	2.329	0.000	89	63249	20.0	19.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.376	2.376	0.000	98	40239	20.0	17.6	
15 1,1,2-Trichloro-1,2,2-trif	101	2.535	2.535	0.000	93	44898	20.0	17.6	
16 Acrolein	56	2.535	2.535	0.000	32	4735	40.0	34.1	
17 1,1-Dichloroethene	96	2.582	2.582	0.000	96	51321	20.0	17.9	
18 Acetone	43	2.699	2.699	0.000	85	108365	100.0	67.2	
19 Iodomethane	142	2.782	2.782	0.000	99	56368	20.0	16.8	
21 Isopropyl alcohol	45	2.823	2.823	0.000	39	44483	200.0	191.4	
20 Carbon disulfide	76	2.823	2.823	0.000	100	202052	20.0	19.3	
22 3-Chloro-1-propene	76	3.011	3.011	0.000	89	38474	20.0	20.4	
23 Methyl acetate	43	3.023	3.023	0.000	99	425673	100.0	101.4	
24 Cyclopentene	67	3.034	3.034	0.000	94	172867	20.0	18.8	
25 Acetonitrile	41	3.087	3.087	0.000	97	118834	200.0	199.3	
* 26 TBA-d9 (IS)	65	3.164	3.164	0.000	96	218216	1000.0	1000.0	
27 Methylene Chloride	84	3.175	3.175	0.000	97	66632	20.0	18.9	
28 2-Methyl-2-propanol	59	3.246	3.246	0.000	98	69318	200.0	205.7	
29 Methyl tert-butyl ether	73	3.381	3.381	0.000	97	195773	20.0	20.9	
30 trans-1,2-Dichloroethene	96	3.422	3.422	0.000	99	58382	20.0	17.7	
31 Acrylonitrile	53	3.516	3.516	0.000	92	302614	200.0	209.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.622	3.622	0.000	0	54762	20.0	20.8	
33 Isopropyl ether	45	3.886	3.886	0.000	97	272505	20.0	20.8	
34 1,1-Dichloroethane	63	3.939	3.939	0.000	99	131148	20.0	20.6	
35 Vinyl acetate	43	3.951	3.951	0.000	100	60961	40.0	16.4	
36 Allyl alcohol	57	3.963	3.963	0.000	83	27893	500.0	437.1	
37 2-Chloro-1,3-butadiene	88	3.992	3.992	0.000	94	53002	20.0	19.4	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	87	228783	20.0	20.1	
* 39 2-Butanone-d5	46	4.527	4.527	0.000	98	322014	250.0	250.0	
40 2,2-Dichloropropane	97	4.550	4.550	0.000	93	21304	20.0	19.1	
41 cis-1,2-Dichloroethene	96	4.585	4.585	0.000	90	67043	20.0	18.5	
42 2-Butanone (MEK)	72	4.597	4.597	0.000	95	37417	100.0	80.6	
43 Ethyl acetate	43	4.597	4.597	0.000	96	318051	40.0	45.4	
44 Methyl acrylate	55	4.668	4.668	0.000	99	70320	20.0	18.8	
45 Propionitrile	54	4.762	4.762	0.000	98	113442	200.0	194.5	
47 Tetrahydrofuran	72	4.850	4.850	0.000	62	17002	40.0	35.5	
46 Chlorobromomethane	128	4.862	4.862	0.000	93	26111	20.0	17.7	
48 Methacrylonitrile	67	4.885	4.885	0.000	97	317507	200.0	205.2	
49 Chloroform	83	4.926	4.926	0.000	99	112799	20.0	20.3	
50 Cyclohexane	56	5.073	5.073	0.000	96	85976	20.0	19.3	
51 1,1,1-Trichloroethane	97	5.091	5.091	0.000	97	86868	20.0	19.5	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.120	0.000	94	107540	50.0	49.8	
53 Carbon tetrachloride	117	5.232	5.232	0.000	96	59852	20.0	17.4	
54 1,1-Dichloropropene	75	5.273	5.273	0.000	92	78308	20.0	19.8	
55 Isobutyl alcohol	43	5.408	5.408	0.000	97	86939	500.0	436.7	
56 Isooctane	57	5.467	5.467	0.000	99	153354	20.0	22.9	
57 Benzene	78	5.508	5.508	0.000	98	265753	20.0	20.3	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.531	5.531	0.000	96	162538	50.0	56.1	
60 Isopropyl acetate	43	5.567	5.567	0.000	95	242242	20.0	22.2	
59 Tert-amyl methyl ether	73	5.573	5.573	0.000	96	201051	20.0	19.8	
61 1,2-Dichloroethane	62	5.620	5.620	0.000	95	100492	20.0	23.0	
62 n-Heptane	57	5.678	5.678	0.000	97	33234	20.0	24.1	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	470783	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.090	0.000	92	201625	40.0	41.3	
65 n-Butanol	56	6.184	6.184	0.000	92	45602	500.0	434.1	
66 Trichloroethene	95	6.254	6.254	0.000	95	57100	20.0	18.8	
67 Ethyl acrylate	55	6.383	6.383	0.000	97	150537	20.0	20.4	
68 Methylcyclohexane	83	6.395	6.395	0.000	85	56333	20.0	18.2	
69 1,2-Dichloropropane	63	6.589	6.589	0.000	90	76838	20.0	20.3	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	40	26441	1000.0	1000.0	
71 Methyl methacrylate	100	6.659	6.659	0.000	95	36081	40.0	38.4	
72 1,4-Dioxane	88	6.706	6.706	0.000	32	13679	400.0	400.7	
73 n-Propyl acetate	43	6.718	6.718	0.000	98	122859	20.0	20.0	
74 Dibromomethane	93	6.736	6.736	0.000	93	38829	20.0	20.2	
75 Dichlorobromomethane	83	6.900	6.900	0.000	98	86477	20.0	18.8	
77 2-Chloroethyl vinyl ether	63	7.265	7.265	0.000	80	50833	20.0	19.9	
76 2-Nitropropane	41	7.265	7.265	0.000	78	32302	40.0	28.4	
78 Epichlorohydrin	57	7.394	7.394	0.000	99	152758	400.0	393.2	
79 cis-1,3-Dichloropropene	75	7.453	7.453	0.000	98	112800	20.0	19.9	
80 4-Methyl-2-pentanone (MIBK	43	7.617	7.617	0.000	99	407475	100.0	104.4	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	98	435663	50.0	48.1	
82 Toluene	91	7.811	7.811	0.000	93	251920	20.0	19.3	
83 trans-1,3-Dichloropropene	75	8.181	8.181	0.000	87	95904	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.193	8.193	0.000	85	90997	20.0	19.0	
85 1,1,2-Trichloroethane	83	8.422	8.422	0.000	94	49174	20.0	17.9	
86 Tetrachloroethene	166	8.475	8.475	0.000	93	42587	20.0	18.3	
87 1,3-Dichloropropane	76	8.651	8.651	0.000	92	106840	20.0	20.5	
89 2-Hexanone	58	8.692	8.692	0.000	99	135408	100.0	89.0	
88 n-Butyl acetate	43	8.804	8.804	0.000	97	103699	20.0	31.4	
90 Chlorodibromomethane	129	8.904	8.904	0.000	96	49108	20.0	16.5	
91 Ethylene Dibromide	107	9.074	9.074	0.000	99	54283	20.0	18.9	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	91	341555	50.0	50.0	
93 Chlorobenzene	112	9.603	9.603	0.000	91	148266	20.0	19.2	
94 Ethylbenzene	106	9.674	9.674	0.000	99	72395	20.0	19.0	
95 1,1,1,2-Tetrachloroethane	131	9.691	9.691	0.000	92	47583	20.0	17.5	
96 m-Xylene & p-Xylene	106	9.797	9.797	0.000	98	89491	20.0	19.0	
97 n-Butyl acrylate	73	10.138	10.138	0.000	96	51209	20.0	18.0	
98 o-Xylene	106	10.173	10.173	0.000	92	88673	20.0	19.0	
99 Styrene	104	10.202	10.202	0.000	92	170587	20.0	19.3	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	88	143082	20.0	21.9	
101 Bromoform	173	10.396	10.396	0.000	93	29658	20.0	15.0	
102 Isopropylbenzene	105	10.479	10.479	0.000	97	189865	20.0	19.5	
$ 103 4-Bromofluorobenzene	174	10.649	10.649	0.000	83	101068	50.0	44.9	
104 Camphene	41	10.661	10.661	0.000	97	19729	20.0	24.2	
105 Bromobenzene	156	10.766	10.766	0.000	93	56259	20.0	19.8	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.784	0.000	99	81090	20.0	20.9	
107 N-Propylbenzene	91	10.802	10.802	0.000	98	237580	20.0	22.1	
108 1,2,3-Trichloropropane	110	10.831	10.831	0.000	95	20024	20.0	19.5	
109 trans-1,4-Dichloro-2-buten	53	10.837	10.837	0.000	77	25668	20.0	20.5	
110 4-Ethyltoluene	105	10.890	10.890	0.000	98	162845	20.0	16.4	
111 2-Chlorotoluene	91	10.896	10.896	0.000	96	153473	20.0	18.4	
112 1,3,5-Trimethylbenzene	105	10.937	10.937	0.000	92	138208	20.0	18.1	
113 4-Chlorotoluene	91	10.984	10.984	0.000	99	145161	20.0	18.0	
114 Butyl Methacrylate	87	10.996	10.996	0.000	97	75687	20.0	17.4	
115 tert-Butylbenzene	119	11.166	11.166	0.000	92	118382	20.0	20.5	
116 1,2,4-Trimethylbenzene	105	11.213	11.213	0.000	98	172302	20.0	21.0	
117 sec-Butylbenzene	105	11.319	11.319	0.000	98	173237	20.0	20.8	
118 4-Isopropyltoluene	119	11.413	11.413	0.000	97	143907	20.0	20.1	
119 1,3-Dichlorobenzene	146	11.430	11.430	0.000	92	91875	20.0	19.6	
* 120 1,4-Dichlorobenzene-d4	152	11.483	11.483	0.000	97	147590	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.495	11.495	0.000	91	100077	20.0	19.9	
122 Benzyl chloride	91	11.589	11.589	0.000	97	157756	20.0	18.9	
123 2,3-Dihydroindene	117	11.636	11.636	0.000	93	210535	20.0	20.0	
124 p-Diethylbenzene	119	11.660	11.660	0.000	90	97977	20.0	18.9	
125 n-Butylbenzene	91	11.677	11.677	0.000	97	190628	20.0	22.8	
126 1,2-Dichlorobenzene	146	11.742	11.742	0.000	91	94567	20.0	19.7	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.171	0.000	97	144158	20.0	19.5	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.271	0.000	86	14166	20.0	20.2	
129 1,3,5-Trichlorobenzene	180	12.365	12.365	0.000	94	51730	20.0	18.6	
130 Camphor	95	12.752	12.752	0.000	95	35184	100.0	95.5	
131 1,2,4-Trichlorobenzene	180	12.823	12.823	0.000	93	47884	20.0	19.1	
132 Hexachlorobutadiene	225	12.887	12.887	0.000	91	17351	20.0	18.1	
133 Naphthalene	128	13.028	13.028	0.000	99	154254	20.0	19.5	
134 1,2,3-Trichlorobenzene	180	13.211	13.211	0.000	93	42860	20.0	19.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	38.0	
S 137 Total BTEX	1				0		100.0	96.6	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 10:16:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29489.D

Injection Date: 30-Jul-2015 21:51:30 Instrument ID: CVOAMS8 Operator ID:

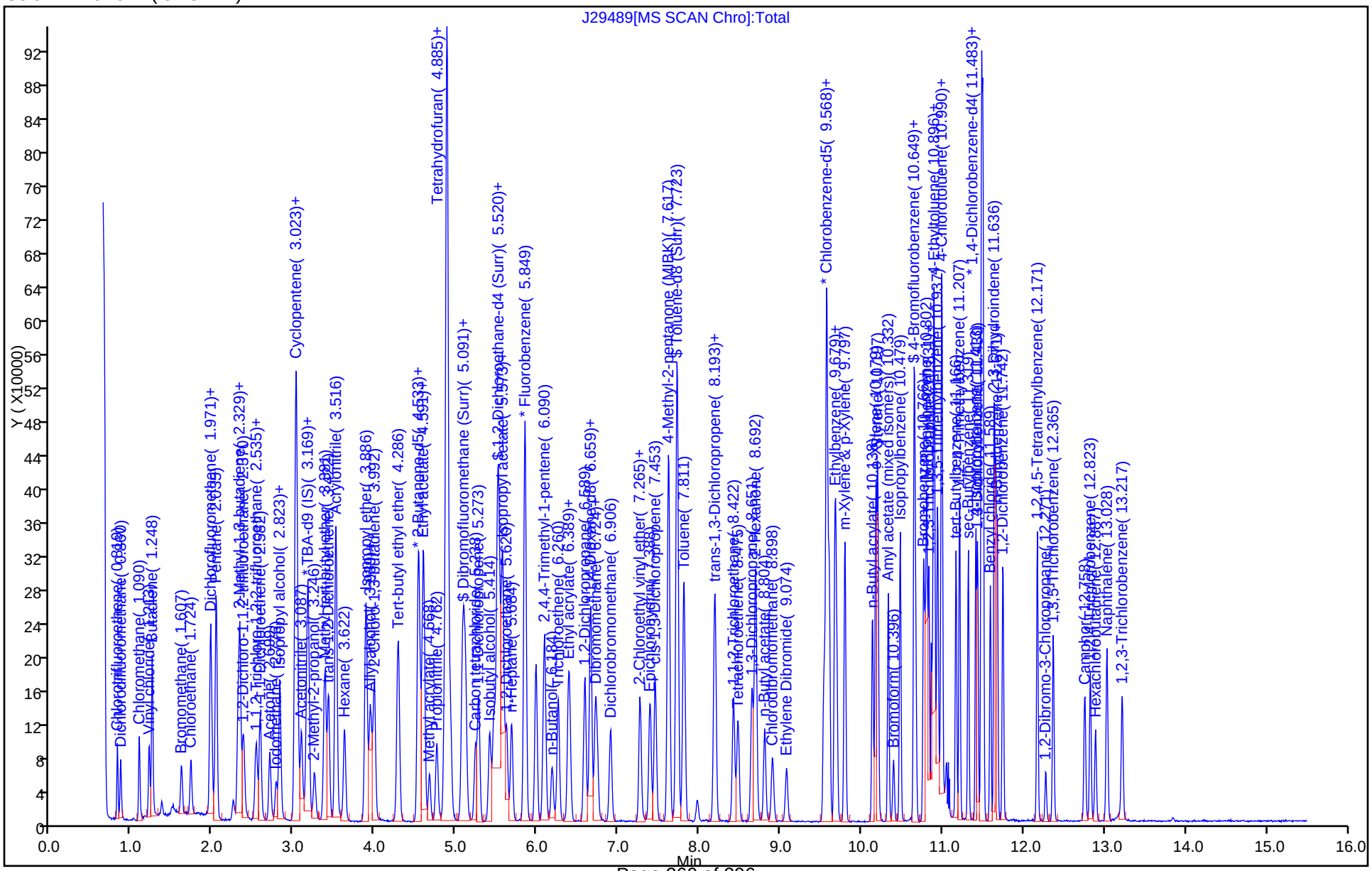
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98380-B-1 MS

Matrix: Water | Lab File ID: J29475.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 15:24

Soil Aliquot Vol: | Dilution Factor: 50

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1050		50	14
79-34-5	1,1,2,2-Tetrachloroethane	1010		50	9.5
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1020		50	17
79-00-5	1,1,2-Trichloroethane	944		50	4.0
75-34-3	1,1-Dichloroethane	1110		50	12
75-35-4	1,1-Dichloroethene	1040		50	17
87-61-6	1,2,3-Trichlorobenzene	843		50	18
120-82-1	1,2,4-Trichlorobenzene	844		50	14
96-12-8	1,2-Dibromo-3-Chloropropane	908		50	12
95-50-1	1,2-Dichlorobenzene	948		50	11
107-06-2	1,2-Dichloroethane	1140		50	13
78-87-5	1,2-Dichloropropane	1040		50	9.0
541-73-1	1,3-Dichlorobenzene	941		50	17
106-46-7	1,4-Dichlorobenzene	938		50	17
123-91-1	1,4-Dioxane	15100		2500	440
78-93-3	2-Butanone (MEK)	4640		250	110
591-78-6	2-Hexanone	4290		250	36
108-10-1	4-Methyl-2-pentanone (MIBK)	5040		250	32
67-64-1	Acetone	35300		250	54
71-43-2	Benzene	1080		50	4.5
75-25-2	Bromoform	737		50	9.0
74-83-9	Bromomethane	725		50	9.0
75-15-0	Carbon disulfide	1070		50	11
56-23-5	Carbon tetrachloride	979		50	17
108-90-7	Chlorobenzene	981		50	12
74-97-5	Chlorobromomethane	960		50	15
124-48-1	Chlorodibromomethane	858		50	11
75-00-3	Chloroethane	1110		50	19
67-66-3	Chloroform	1070		50	11
74-87-3	Chloromethane	925		50	11
156-59-2	cis-1,2-Dichloroethene	6700		50	13
10061-01-5	cis-1,3-Dichloropropene	970		50	8.0
110-82-7	Cyclohexane	1090		50	13
75-27-4	Dichlorobromomethane	946		50	7.5
75-71-8	Dichlorodifluoromethane	961		50	7.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98380-B-1 MS

Matrix: Water | Lab File ID: J29475.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 15:24

Soil Aliquot Vol: | Dilution Factor: 50

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	987		50	15
106-93-4	Ethylene Dibromide	963		50	9.5
98-82-8	Isopropylbenzene	1040		50	16
79-20-9	Methyl acetate	5270		250	29
1634-04-4	Methyl tert-butyl ether	1070		50	6.5
108-87-2	Methylcyclohexane	954		50	11
75-09-2	Methylene Chloride	971		50	11
179601-23-1	m-Xylene & p-Xylene	962		50	14
95-47-6	o-Xylene	999		50	16
100-42-5	Styrene	973		50	8.5
127-18-4	Tetrachloroethene	897		50	6.0
108-88-3	Toluene	1010		50	13
156-60-5	trans-1,2-Dichloroethene	1020		50	9.0
10061-02-6	trans-1,3-Dichloropropene	994		50	9.5
79-01-6	Trichloroethene	6140		50	11
75-69-4	Trichlorofluoromethane	1180		50	7.5
75-01-4	Vinyl chloride	2140		50	3.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29475.D
Lims ID: 460-98380-B-1 MS
Client ID:
Sample Type: MS
Inject. Date: 30-Jul-2015 15:24:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-98380-B-1 MS
Misc. Info.: 460-0030221-017
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 19:33:41 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: baronm Date: 30-Jul-2015 19:36:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.822	0.822	0.000	97	9488	20.0	23.1	
2 Dichlorodifluoromethane	85	0.864	0.863	0.001	100	68861	20.0	19.2	
3 Chloromethane	50	1.093	1.092	0.001	99	90759	20.0	18.5	
4 Vinyl chloride	62	1.216	1.216	0.000	99	193188	20.0	42.7	
5 Butadiene	54	1.251	1.257	-0.006	0	84525	20.0	18.8	
7 Chloroethane	64	1.721	1.721	0.000	100	59870	20.0	22.2	
6 Bromomethane	94	1.598	1.766	-0.168	98	32655	20.0	14.5	
8 Dichlorofluoromethane	67	1.968	1.968	0.000	98	140959	20.0	23.4	
9 Trichlorofluoromethane	101	1.980	1.974	0.006	98	102864	20.0	23.5	
10 Pentane	72	2.039	2.032	0.007	97	17515	40.0	37.4	
11 Ethanol	46	2.262	2.262	0.000	97	7499	800.0	379.0	
12 Ethyl ether	59	2.309	2.309	0.001	92	61212	20.0	20.4	
13 2-Methyl-1,3-butadiene	53	2.332	2.332	0.000	87	70434	20.0	21.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.374	2.379	-0.005	97	46345	20.0	20.0	
15 1,1,2-Trichloro-1,2,2-trif	101	2.532	2.532	0.000	91	52767	20.0	20.3	
16 Acrolein	56	2.550	2.544	0.006	30	3565	40.0	23.5	
17 1,1-Dichloroethene	96	2.585	2.585	0.000	94	60482	20.0	20.8	
18 Acetone	43	2.703	2.706	-0.003	86	1225457	100.0	705.4	
19 Iodomethane	142	2.779	2.784	-0.005	99	54225	20.0	16.0	
20 Carbon disulfide	76	2.826	2.826	0.000	100	227087	20.0	21.5	
21 Isopropyl alcohol	45	2.826	2.831	-0.005	92	294258	200.0	1184.2	
22 3-Chloro-1-propene	76	3.014	3.014	0.000	88	41748	20.0	21.9	
23 Methyl acetate	43	3.026	3.025	0.001	99	447518	100.0	105.4	
24 Cyclopentene	67	3.038	3.037	0.001	95	189383	20.0	20.4	
25 Acetonitrile	41	3.096	3.096	0.000	99	129794	200.0	198.8	
* 26 TBA-d9 (IS)	65	3.167	3.164	0.003	96	238924	1000.0	1000.0	
27 Methylene Chloride	84	3.179	3.178	0.001	97	69306	20.0	19.4	
28 2-Methyl-2-propanol	59	3.255	3.254	0.001	98	61208	200.0	161.8	
29 Methyl tert-butyl ether	73	3.384	3.384	0.000	97	204010	20.0	21.5	
30 trans-1,2-Dichloroethene	96	3.425	3.425	0.000	98	67855	20.0	20.4	
31 Acrylonitrile	53	3.519	3.519	0.000	94	323073	200.0	204.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.625	3.625	0.000	0	57359	20.0	21.6	
33 Isopropyl ether	45	3.889	3.889	0.000	97	275521	20.0	20.8	
34 1,1-Dichloroethane	63	3.936	3.942	-0.006	99	142187	20.0	22.1	
35 Vinyl acetate	43	3.954	3.960	-0.006	100	67845	40.0	18.1	
36 Allyl alcohol	57	3.966	3.977	-0.011	84	20227	500.0	289.5	
37 2-Chloro-1,3-butadiene	88	3.989	3.989	0.000	95	58726	20.0	21.2	
38 Tert-butyl ethyl ether	59	4.289	4.289	0.000	88	234171	20.0	20.3	
* 39 2-Butanone-d5	46	4.536	4.533	0.003	96	346857	250.0	250.0	
40 2,2-Dichloropropane	97	4.559	4.553	0.006	71	36639	20.0	33.3	
41 cis-1,2-Dichloroethene	96	4.589	4.588	0.001	92	490011	20.0	134.0	
42 2-Butanone (MEK)	72	4.600	4.600	0.000	95	46407	100.0	92.8	
43 Ethyl acetate	43	4.606	4.606	0.000	93	345931	40.0	45.9	
44 Methyl acrylate	55	4.671	4.670	0.001	99	75223	20.0	19.9	
45 Propionitrile	54	4.765	4.764	0.001	98	119716	200.0	187.5	
46 Chlorobromomethane	128	4.865	4.858	0.007	96	28647	20.0	19.2	
47 Tetrahydrofuran	72	4.859	4.864	-0.005	71	19147	40.0	37.1	
48 Methacrylonitrile	67	4.888	4.888	0.000	96	324799	200.0	207.5	
49 Chloroform	83	4.929	4.929	0.000	96	119984	20.0	21.3	
50 Cyclohexane	56	5.076	5.082	-0.006	97	98380	20.0	21.8	
51 1,1,1-Trichloroethane	97	5.094	5.093	0.001	97	94614	20.0	21.0	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.115	0.002	94	111239	50.0	51.0	
53 Carbon tetrachloride	117	5.235	5.246	-0.011	97	68018	20.0	19.6	
54 1,1-Dichloropropene	75	5.276	5.282	-0.006	92	86943	20.0	21.8	
55 Isobutyl alcohol	43	5.417	5.417	0.000	94	98220	500.0	450.6	
56 Isooctane	57	5.470	5.461	0.009	98	122778	20.0	18.1	
57 Benzene	78	5.511	5.511	0.000	98	291988	20.0	21.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.535	5.532	0.003	97	164521	50.0	56.2	
60 Isopropyl acetate	43	5.564	5.569	-0.005	96	248863	20.0	22.5	
59 Tert-amyl methyl ether	73	5.576	5.581	-0.005	98	204980	20.0	19.9	
61 1,2-Dichloroethane	62	5.623	5.622	0.001	96	100638	20.0	22.7	
62 n-Heptane	57	5.681	5.667	0.014	96	25761	20.0	18.5	
* 63 Fluorobenzene	96	5.852	5.849	0.003	97	476116	50.0	50.0	
67 Ethyl acrylate	55	6.087	6.086	0.001	51	57149	20.0	7.65	
64 2,4,4-Trimethyl-1-pentene	57	6.093	6.092	0.001	93	205572	40.0	41.6	
65 n-Butanol	56	6.187	6.186	0.001	93	40033	500.0	348.0	
66 Trichloroethene	95	6.257	6.263	-0.006	94	377263	20.0	122.8	
68 Methylcyclohexane	83	6.398	6.398	0.000	79	59832	20.0	19.1	
69 1,2-Dichloropropane	63	6.592	6.592	0.000	89	79690	20.0	20.9	
* 70 1,4-Dioxane-d8	96	6.645	6.642	0.003	49	28763	1000.0	1000.0	
71 Methyl methacrylate	100	6.663	6.662	0.001	95	38294	40.0	40.3	
72 1,4-Dioxane	88	6.704	6.709	-0.005	72	11205	400.0	301.8	
73 n-Propyl acetate	43	6.716	6.721	-0.005	99	131736	20.0	21.3	
74 Dibromomethane	93	6.739	6.739	0.000	92	38628	20.0	19.9	
75 Dichlorobromomethane	83	6.909	6.903	0.006	98	87911	20.0	18.9	
77 2-Chloroethyl vinyl ether	63	7.268	7.267	0.001	58	17064	20.0	6.60	
76 2-Nitropropane	41	7.268	7.273	-0.005	91	31546	40.0	27.4	
78 Epichlorohydrin	57	7.397	7.391	0.006	100	151256	400.0	361.5	
79 cis-1,3-Dichloropropene	75	7.456	7.455	0.001	98	112910	20.0	19.4	
80 4-Methyl-2-pentanone (MIBK	43	7.620	7.620	0.000	99	423373	100.0	100.7	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	98	448207	50.0	48.1	
82 Toluene	91	7.808	7.808	0.000	93	269972	20.0	20.1	
83 trans-1,3-Dichloropropene	75	8.184	8.184	0.000	96	99352	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.196	8.202	-0.006	93	92350	20.0	19.1	
85 1,1,2-Trichloroethane	83	8.425	8.419	0.006	92	53326	20.0	18.9	
86 Tetrachloroethene	166	8.472	8.478	-0.006	93	43019	20.0	17.9	
87 1,3-Dichloropropane	76	8.649	8.648	0.001	92	108047	20.0	20.2	
89 2-Hexanone	58	8.696	8.695	0.001	99	140710	100.0	85.8	
88 n-Butyl acetate	43	8.801	8.807	-0.006	97	114343	20.0	33.7	
90 Chlorodibromomethane	129	8.901	8.901	0.000	97	52635	20.0	17.2	
91 Ethylene Dibromide	107	9.072	9.071	0.001	100	56981	20.0	19.3	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	90	351091	50.0	50.0	
93 Chlorobenzene	112	9.600	9.600	0.000	91	155445	20.0	19.6	
94 Ethylbenzene	106	9.671	9.670	0.001	100	77260	20.0	19.7	
95 1,1,1,2-Tetrachloroethane	131	9.694	9.694	0.000	93	48686	20.0	17.4	
96 m-Xylene & p-Xylene	106	9.794	9.800	-0.006	98	93149	20.0	19.2	
97 n-Butyl acrylate	73	10.135	10.135	0.000	97	52137	20.0	17.8	
98 o-Xylene	106	10.176	10.176	0.000	93	95777	20.0	20.0	
99 Styrene	104	10.200	10.199	0.001	94	176852	20.0	19.5	
100 Amyl acetate (mixed isomer	43	10.329	10.329	0.000	87	145628	20.0	21.1	
101 Bromoform	173	10.394	10.399	-0.005	94	29952	20.0	14.7	
102 Isopropylbenzene	105	10.476	10.475	0.001	96	206773	20.0	20.7	
$ 103 4-Bromofluorobenzene	174	10.652	10.649	0.003	82	104209	50.0	45.0	
104 Camphene	41	10.664	10.669	-0.005	97	16570	20.0	19.6	
105 Bromobenzene	156	10.770	10.763	0.007	92	57103	20.0	19.0	
106 1,1,2,2-Tetrachloroethane	83	10.787	10.787	0.000	98	82964	20.0	20.3	
107 N-Propylbenzene	91	10.805	10.804	0.001	98	243373	20.0	21.4	
108 1,2,3-Trichloropropane	110	10.828	10.828	0.000	95	21368	20.0	19.7	
109 trans-1,4-Dichloro-2-buten	53	10.834	10.834	0.000	77	26353	20.0	20.0	
110 4-Ethyltoluene	105	10.893	10.893	0.000	98	202223	20.0	19.3	
111 2-Chlorotoluene	91	10.899	10.898	0.001	97	190875	20.0	21.6	
112 1,3,5-Trimethylbenzene	105	10.940	10.940	0.000	91	165447	20.0	20.5	
113 4-Chlorotoluene	91	10.987	10.987	0.000	98	173327	20.0	20.4	
114 Butyl Methacrylate	87	10.993	10.998	-0.005	98	87574	20.0	19.1	
115 tert-Butylbenzene	119	11.169	11.169	0.000	93	120463	20.0	19.7	
116 1,2,4-Trimethylbenzene	105	11.210	11.216	-0.006	97	180024	20.0	20.8	
117 sec-Butylbenzene	105	11.322	11.321	0.001	99	170993	20.0	19.4	
118 4-Isopropyltoluene	119	11.416	11.415	0.001	97	150075	20.0	19.8	
119 1,3-Dichlorobenzene	146	11.434	11.439	-0.005	93	93263	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	11.481	11.496	-0.015	98	155813	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.498	11.504	-0.006	90	99518	20.0	18.8	
122 Benzyl chloride	91	11.592	11.598	-0.006	99	133423	20.0	15.2	
123 2,3-Dihydroindene	117	11.639	11.645	-0.006	93	216620	20.0	19.5	
124 p-Diethylbenzene	119	11.663	11.662	0.001	92	99732	20.0	18.2	
125 n-Butylbenzene	91	11.680	11.686	-0.006	98	175130	20.0	19.8	
126 1,2-Dichlorobenzene	146	11.751	11.750	0.001	92	96293	20.0	19.0	
127 1,2,4,5-Tetramethylbenzene	119	12.174	12.179	-0.005	96	139105	20.0	17.8	
128 1,2-Dibromo-3-Chloropropan	75	12.274	12.285	-0.011	83	13419	20.0	18.2	
129 1,3,5-Trichlorobenzene	180	12.374	12.379	-0.005	94	47199	20.0	16.0	
130 Camphor	95	12.756	12.767	-0.011	96	34397	100.0	88.5	
131 1,2,4-Trichlorobenzene	180	12.826	12.847	-0.021	93	44615	20.0	16.9	
132 Hexachlorobutadiene	225	12.891	12.917	-0.026	90	16818	20.0	16.5	
133 Naphthalene	128	13.032	13.037	-0.005	98	152455	20.0	18.3	
134 1,2,3-Trichlorobenzene	180	13.220	13.225	-0.005	95	38313	20.0	16.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	154.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	39.2	
S 137 Total BTEX	1				0		100.0	100.8	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

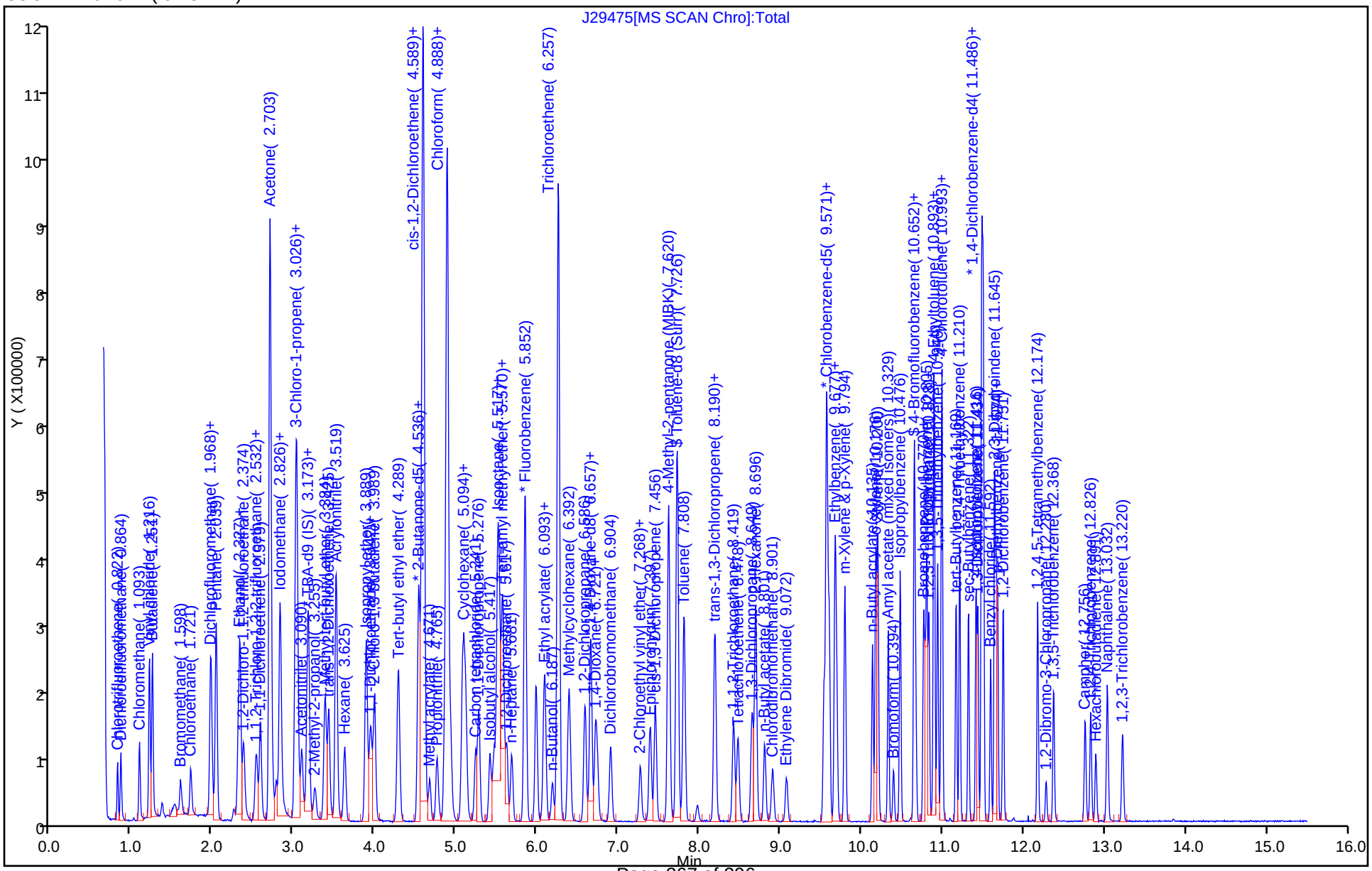
Report Date: 30-Jul-2015 19:36:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29475.D

Injection Date:	30-Jul-2015 15:24:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98380-B-1 MS			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	16
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98605-A-7 MS

Matrix: Water | Lab File ID: J29504.D

Analysis Method: 8260C | Date Collected: 07/27/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 04:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.5		1.0	0.34
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.080
75-34-3	1,1-Dichloroethane	21.4		1.0	0.24
75-35-4	1,1-Dichloroethene	19.7		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	16.6		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	16.5		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.22
107-06-2	1,2-Dichloroethane	22.9		1.0	0.25
78-87-5	1,2-Dichloropropane	20.7		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.33
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
123-91-1	1,4-Dioxane	301		50	8.7
78-93-3	2-Butanone (MEK)	80.8		5.0	2.2
591-78-6	2-Hexanone	82.8		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	97.5		5.0	0.63
67-64-1	Acetone	64.4		5.0	1.1
71-43-2	Benzene	21.2		1.0	0.090
75-25-2	Bromoform	14.6		1.0	0.18
74-83-9	Bromomethane	14.6		1.0	0.18
75-15-0	Carbon disulfide	21.2		1.0	0.22
56-23-5	Carbon tetrachloride	19.1		1.0	0.33
108-90-7	Chlorobenzene	19.3		1.0	0.24
74-97-5	Chlorobromomethane	20.2		1.0	0.30
124-48-1	Chlorodibromomethane	16.7		1.0	0.22
75-00-3	Chloroethane	19.4		1.0	0.37
67-66-3	Chloroform	20.5		1.0	0.22
74-87-3	Chloromethane	15.1		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.16
110-82-7	Cyclohexane	21.5		1.0	0.26
75-27-4	Dichlorobromomethane	18.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	14.4		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98605-A-7 MS

Matrix: Water | Lab File ID: J29504.D

Analysis Method: 8260C | Date Collected: 07/27/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 04:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.2		1.0	0.30
106-93-4	Ethylene Dibromide	16.6		1.0	0.19
98-82-8	Isopropylbenzene	19.8		1.0	0.32
79-20-9	Methyl acetate	101		5.0	0.58
1634-04-4	Methyl tert-butyl ether	21.1		1.0	0.13
108-87-2	Methylcyclohexane	19.0		1.0	0.22
75-09-2	Methylene Chloride	19.7		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	19.1		1.0	0.28
95-47-6	o-Xylene	19.3		1.0	0.32
100-42-5	Styrene	19.5		1.0	0.17
127-18-4	Tetrachloroethene	24.4		1.0	0.12
108-88-3	Toluene	20.4		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.19
79-01-6	Trichloroethene	20.6		1.0	0.22
75-69-4	Trichlorofluoromethane	21.2		1.0	0.15
75-01-4	Vinyl chloride	16.8		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29504.D
Lims ID: 460-98605-A-7 MS
Client ID: SW-83101-072715-RM-07
Sample Type: MS
Inject. Date: 31-Jul-2015 04:20:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98605-A-7 MS
Misc. Info.: 460-0030251-018
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 10:20:44 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: delpolitov Date: 31-Jul-2015 10:21:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.819	0.822	-0.003	98	11317	20.0	28.1	
2 Dichlorodifluoromethane	85	0.860	0.863	-0.003	99	50538	20.0	14.4	
3 Chloromethane	50	1.089	1.092	-0.003	100	72511	20.0	15.1	
4 Vinyl chloride	62	1.213	1.216	-0.003	98	74762	20.0	16.8	
5 Butadiene	54	1.248	1.251	-0.003	0	66814	20.0	15.2	
6 Bromomethane	94	1.612	1.615	-0.003	98	32326	20.0	14.6	
7 Chloroethane	64	1.724	1.727	-0.003	99	51386	20.0	19.4	
8 Dichlorofluoromethane	67	1.970	1.968	0.002	98	132335	20.0	22.4	
9 Trichlorofluoromethane	101	1.976	1.979	-0.003	99	91171	20.0	21.2	
10 Pentane	72	2.041	2.038	0.003	96	17517	40.0	38.6	
11 Ethanol	46	2.247	2.256	-0.009	97	9546	800.0	498.1	
12 Ethyl ether	59	2.305	2.309	-0.003	89	58454	20.0	19.8	
13 2-Methyl-1,3-butadiene	53	2.329	2.332	-0.003	89	70467	20.0	22.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.376	2.379	-0.003	99	43912	20.0	19.3	
15 1,1,2-Trichloro-1,2,2-trif	101	2.529	2.532	-0.003	92	49661	20.0	19.5	
16 Acrolein	56	2.540	2.532	0.008	33	4969	40.0	33.8	
17 1,1-Dichloroethene	96	2.587	2.585	0.002	95	56047	20.0	19.7	
18 Acetone	43	2.699	2.702	-0.003	85	111058	100.0	64.4	
19 Iodomethane	142	2.781	2.784	-0.003	99	54304	20.0	16.3	
21 Isopropyl alcohol	45	2.822	2.826	-0.004	35	34946	200.0	140.4	
20 Carbon disulfide	76	2.822	2.826	-0.004	100	220042	20.0	21.2	
22 3-Chloro-1-propene	76	3.010	3.014	-0.004	93	38101	20.0	20.4	
23 Methyl acetate	43	3.022	3.025	-0.003	99	420406	100.0	100.8	
24 Cyclopentene	67	3.034	3.037	-0.003	90	185475	20.0	20.3	
25 Acetonitrile	41	3.093	3.096	-0.003	99	119793	200.0	189.5	
* 26 TBA-d9 (IS)	65	3.163	3.160	0.003	95	231407	1000.0	1000.0	
27 Methylene Chloride	84	3.181	3.178	0.003	97	68954	20.0	19.7	
28 2-Methyl-2-propanol	59	3.251	3.254	-0.003	98	61113	200.0	167.4	
29 Methyl tert-butyl ether	73	3.381	3.384	-0.003	97	196377	20.0	21.1	
30 trans-1,2-Dichloroethene	96	3.422	3.425	-0.003	98	60401	20.0	18.5	
31 Acrylonitrile	53	3.516	3.519	-0.003	93	306281	200.0	199.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.621	3.625	-0.004	0	57458	20.0	22.0	
33 Isopropyl ether	45	3.886	3.889	-0.003	97	276675	20.0	21.3	
34 1,1-Dichloroethane	63	3.939	3.936	0.003	99	135351	20.0	21.4	
35 Vinyl acetate	43	3.951	3.954	-0.003	100	60496	40.0	16.4	
36 Allyl alcohol	57	3.962	3.965	-0.003	53	22287	500.0	329.3	
37 2-Chloro-1,3-butadiene	88	3.992	3.995	-0.003	94	56862	20.0	20.9	
38 Tert-butyl ethyl ether	59	4.280	4.289	-0.009	87	234394	20.0	20.7	
* 39 2-Butanone-d5	46	4.532	4.535	-0.003	93	344098	250.0	250.0	
40 2,2-Dichloropropane	97	4.544	4.547	-0.003	66	19332	20.0	17.3	
41 cis-1,2-Dichloroethene	96	4.591	4.588	0.003	92	69000	20.0	19.2	
42 2-Butanone (MEK)	72	4.603	4.600	0.003	96	40099	100.0	80.8	
43 Ethyl acetate	43	4.603	4.606	-0.003	95	318518	40.0	42.6	
44 Methyl acrylate	55	4.673	4.670	0.003	99	72999	20.0	19.6	
45 Propionitrile	54	4.761	4.764	-0.003	97	111966	200.0	181.0	
47 Tetrahydrofuran	72	4.849	4.858	-0.009	62	17542	40.0	34.3	
46 Chlorobromomethane	128	4.861	4.864	-0.003	94	29643	20.0	20.2	
48 Methacrylonitrile	67	4.885	4.888	-0.003	96	317845	200.0	206.8	
49 Chloroform	83	4.926	4.929	-0.003	97	113440	20.0	20.5	
50 Cyclohexane	56	5.084	5.076	0.008	96	95277	20.0	21.5	
51 1,1,1-Trichloroethane	97	5.090	5.093	-0.003	96	93286	20.0	21.1	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.117	0.003	95	106815	50.0	49.8	
53 Carbon tetrachloride	117	5.237	5.240	-0.003	98	64985	20.0	19.1	
54 1,1-Dichloropropene	75	5.278	5.281	-0.003	92	83918	20.0	21.4	
55 Isobutyl alcohol	43	5.408	5.411	-0.003	94	79472	500.0	376.4	
56 Isooctane	57	5.461	5.470	-0.010	97	111974	20.0	16.8	
57 Benzene	78	5.513	5.511	0.002	98	275878	20.0	21.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.531	5.534	-0.003	97	162136	50.0	56.4	
60 Isopropyl acetate	43	5.566	5.569	-0.003	96	241889	20.0	22.3	
59 Tert-amyl methyl ether	73	5.578	5.575	0.003	92	206167	20.0	20.4	
61 1,2-Dichloroethane	62	5.625	5.622	0.003	96	99599	20.0	22.9	
62 n-Heptane	57	5.690	5.687	0.003	97	24731	20.0	18.1	
* 63 Fluorobenzene	96	5.848	5.851	-0.003	97	467614	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.095	6.092	0.003	94	183218	40.0	37.8	
65 n-Butanol	56	6.183	6.186	-0.003	93	36139	500.0	324.4	
66 Trichloroethene	95	6.260	6.257	0.003	94	62074	20.0	20.6	
67 Ethyl acrylate	55	6.389	6.386	0.003	97	156514	20.0	21.3	
68 Methylcyclohexane	83	6.395	6.398	-0.003	76	58380	20.0	19.0	
69 1,2-Dichloropropane	63	6.589	6.586	0.003	92	77574	20.0	20.7	
* 70 1,4-Dioxane-d8	96	6.641	6.645	-0.004	51	26691	1000.0	1000.0	
71 Methyl methacrylate	100	6.659	6.662	-0.003	92	34512	40.0	36.9	
72 1,4-Dioxane	88	6.706	6.703	0.003	80	10375	400.0	301.1	M
73 n-Propyl acetate	43	6.718	6.721	-0.003	99	122077	20.0	20.1	
74 Dibromomethane	93	6.735	6.739	-0.004	92	39678	20.0	20.8	
75 Dichlorobromomethane	83	6.906	6.903	0.003	98	85896	20.0	18.8	
76 2-Nitropropane	41	7.270	7.273	-0.003	98	27188	40.0	23.9	
78 Epichlorohydrin	57	7.388	7.391	-0.003	99	106700	400.0	257.0	
79 cis-1,3-Dichloropropene	75	7.458	7.455	0.003	97	110178	20.0	19.6	
80 4-Methyl-2-pentanone (MIBK	43	7.617	7.620	-0.003	99	406414	100.0	97.5	
$ 81 Toluene-d8 (Surr)	98	7.723	7.726	-0.003	98	437712	50.0	48.6	
82 Toluene	91	7.811	7.814	-0.003	93	264494	20.0	20.4	
83 trans-1,3-Dichloropropene	75	8.181	8.184	-0.003	93	98434	20.0	20.4	
84 Ethyl methacrylate	69	8.198	8.196	0.002	96	88525	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	8.422	8.419	0.003	94	50632	20.0	18.6	
86 Tetrachloroethene	166	8.475	8.478	-0.003	93	56558	20.0	24.4	
87 1,3-Dichloropropane	76	8.651	8.654	-0.003	95	108755	20.0	21.0	
89 2-Hexanone	58	8.692	8.695	-0.003	99	134650	100.0	82.8	
88 n-Butyl acetate	43	8.804	8.801	0.003	98	102709	20.0	31.3	
90 Chlorodibromomethane	129	8.898	8.901	-0.003	97	49656	20.0	16.7	
91 Ethylene Dibromide	107	9.074	9.077	-0.003	99	47579	20.0	16.6	
* 92 Chlorobenzene-d5	117	9.567	9.571	-0.004	91	339325	50.0	50.0	
93 Chlorobenzene	112	9.603	9.600	0.003	91	147927	20.0	19.3	
94 Ethylbenzene	106	9.673	9.676	-0.003	99	76440	20.0	20.2	
95 1,1,1,2-Tetrachloroethane	131	9.691	9.694	-0.003	93	47848	20.0	17.7	
96 m-Xylene & p-Xylene	106	9.797	9.794	0.003	99	89505	20.0	19.1	
97 n-Butyl acrylate	73	10.137	10.135	0.002	95	49552	20.0	17.5	
98 o-Xylene	106	10.179	10.176	0.003	92	89234	20.0	19.3	
99 Styrene	104	10.202	10.199	0.003	92	170877	20.0	19.5	
100 Amyl acetate (mixed isomer	43	10.331	10.329	0.003	88	135350	20.0	20.3	
101 Bromoform	173	10.396	10.393	0.003	92	28586	20.0	14.6	
102 Isopropylbenzene	105	10.478	10.475	0.003	97	191394	20.0	19.8	
$ 103 4-Bromofluorobenzene	174	10.649	10.652	-0.003	84	100349	50.0	44.8	
104 Camphene	41	10.666	10.669	-0.003	89	3613	20.0	3.90	
105 Bromobenzene	156	10.766	10.763	0.003	92	55321	20.0	19.1	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.787	-0.003	97	77989	20.0	19.7	
107 N-Propylbenzene	91	10.807	10.804	0.003	98	236234	20.0	21.6	
108 1,2,3-Trichloropropane	110	10.831	10.828	0.003	93	22016	20.0	21.1	
109 trans-1,4-Dichloro-2-buten	53	10.831	10.834	-0.003	78	25419	20.0	20.0	
110 4-Ethyltoluene	105	10.889	10.893	-0.004	97	192858	20.0	19.1	
111 2-Chlorotoluene	91	10.895	10.898	-0.003	96	183370	20.0	21.5	
112 1,3,5-Trimethylbenzene	105	10.936	10.940	-0.004	91	162346	20.0	20.9	
113 4-Chlorotoluene	91	10.983	10.987	-0.004	99	167028	20.0	20.4	
114 Butyl Methacrylate	87	10.995	10.992	0.003	98	84373	20.0	19.0	
115 tert-Butylbenzene	119	11.166	11.163	0.003	90	114535	20.0	19.5	
116 1,2,4-Trimethylbenzene	105	11.207	11.210	-0.003	98	170973	20.0	20.5	
117 sec-Butylbenzene	105	11.318	11.316	0.002	99	165033	20.0	19.4	
118 4-Isopropyltoluene	119	11.406	11.410	-0.004	97	140499	20.0	19.2	
119 1,3-Dichlorobenzene	146	11.430	11.433	-0.003	93	93154	20.0	19.5	
* 120 1,4-Dichlorobenzene-d4	152	11.477	11.480	-0.003	97	150316	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.495	11.492	0.003	89	96040	20.0	18.8	
122 Benzyl chloride	91	11.583	11.586	-0.003	98	132243	20.0	15.6	
123 2,3-Dihydroindene	117	11.636	11.633	0.003	94	207879	20.0	19.4	
124 p-Diethylbenzene	119	11.653	11.656	-0.003	91	95428	20.0	18.1	
125 n-Butylbenzene	91	11.671	11.678	-0.007	97	195012	20.0	22.9	
126 1,2-Dichlorobenzene	146	11.741	11.745	-0.003	92	93525	20.0	19.1	
127 1,2,4,5-Tetramethylbenzene	119	12.164	12.168	-0.004	96	132335	20.0	17.6	
128 1,2-Dibromo-3-Chloropropan	75	12.264	12.267	-0.003	90	13599	20.0	19.1	
129 1,3,5-Trichlorobenzene	180	12.358	12.361	-0.003	93	46811	20.0	16.5	
130 Camphor	95	12.746	12.749	-0.003	96	30580	100.0	81.5	
131 1,2,4-Trichlorobenzene	180	12.817	12.820	-0.003	93	42065	20.0	16.5	
132 Hexachlorobutadiene	225	12.881	12.884	-0.003	90	15586	20.0	15.8	
133 Naphthalene	128	13.022	13.025	-0.003	98	144715	20.0	18.0	
134 1,2,3-Trichlorobenzene	180	13.210	13.207	0.003	92	36301	20.0	16.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 136 Xylenes, Total	100				0		40.0	38.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	100.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 10:21:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29504.D

Injection Date: 31-Jul-2015 04:20:30 Instrument ID: CVOAMS8 Operator ID:

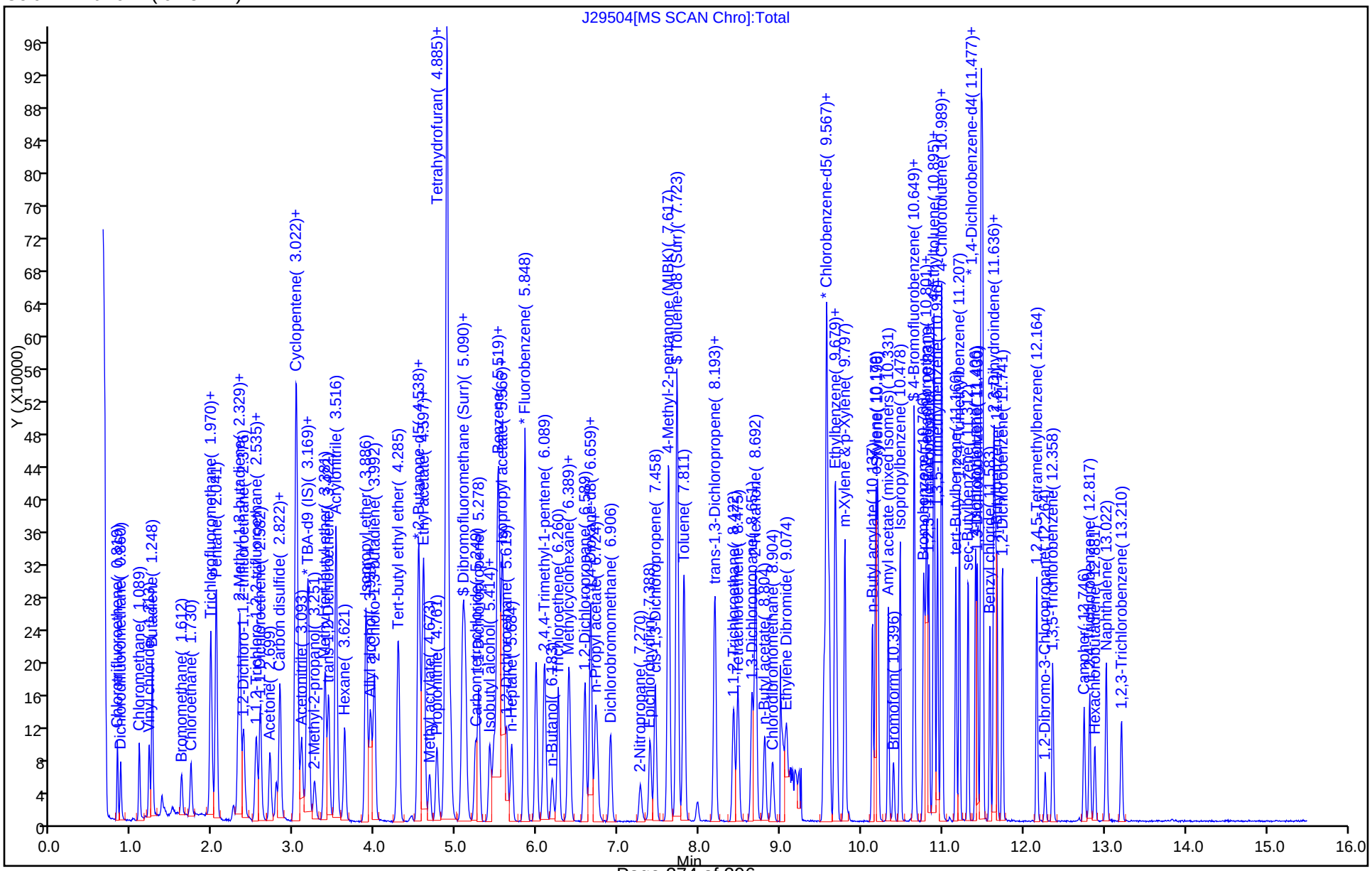
Lims ID: 460-98605-A-7 MS Worklist Smp#: 18

Client ID: SW-83101-072715-RM-07

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

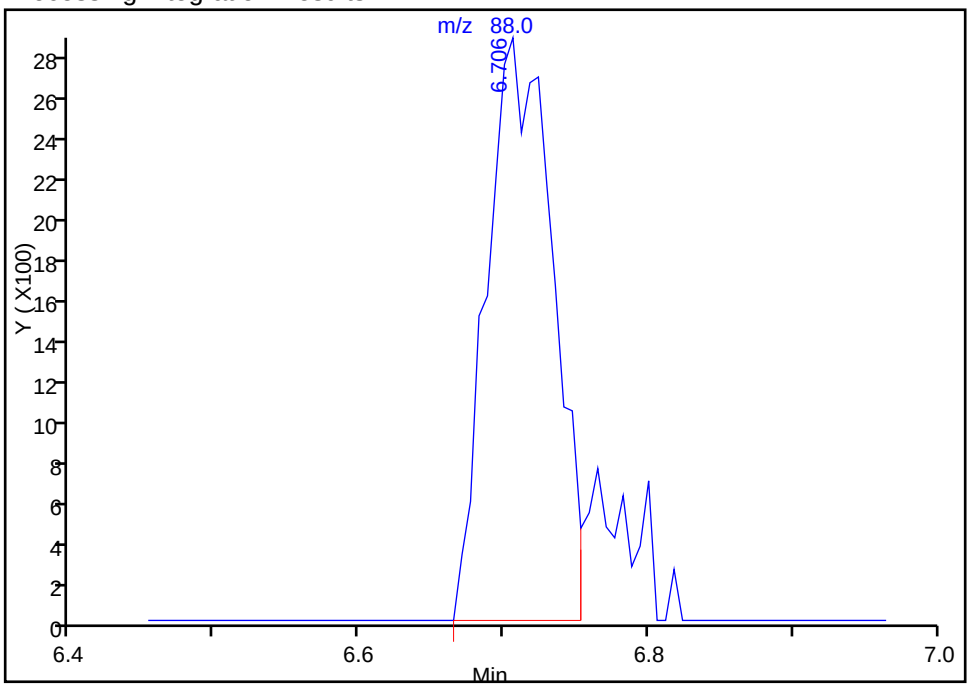
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29504.D
Injection Date: 31-Jul-2015 04:20:30 Instrument ID: CVOAMS8
Lims ID: 460-98605-A-7 MS
Client ID: SW-83101-072715-RM-07
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,4-Dioxane, CAS: 123-91-1

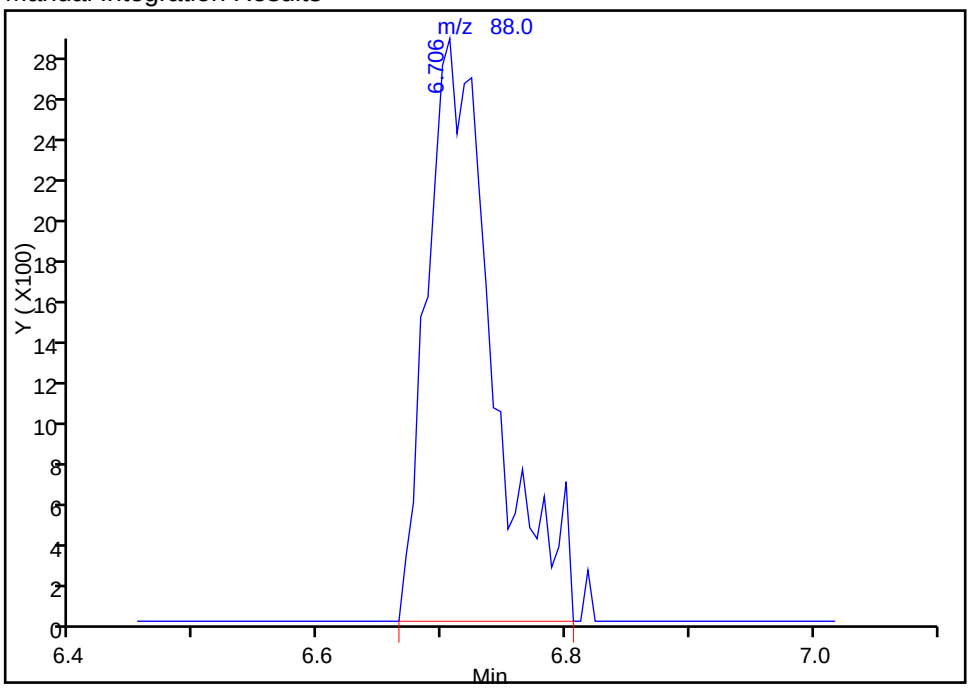
Processing Integration Results

RT: 6.71
Area: 8962
Amount: 260.0831
Amount Units: ug/l



Manual Integration Results

RT: 6.71
Area: 10375
Amount: 301.0893
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 10:20:30
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98380-B-1 MSD

Matrix: Water | Lab File ID: J29476.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 15:51

Soil Aliquot Vol: | Dilution Factor: 50

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1060		50	14
79-34-5	1,1,2,2-Tetrachloroethane	1090		50	9.5
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1020		50	17
79-00-5	1,1,2-Trichloroethane	973		50	4.0
75-34-3	1,1-Dichloroethane	1100		50	12
75-35-4	1,1-Dichloroethene	1020		50	17
87-61-6	1,2,3-Trichlorobenzene	1010		50	18
120-82-1	1,2,4-Trichlorobenzene	1010		50	14
96-12-8	1,2-Dibromo-3-Chloropropane	1030		50	12
95-50-1	1,2-Dichlorobenzene	1040		50	11
107-06-2	1,2-Dichloroethane	1120		50	13
78-87-5	1,2-Dichloropropane	1030		50	9.0
541-73-1	1,3-Dichlorobenzene	1010		50	17
106-46-7	1,4-Dichlorobenzene	1000		50	17
123-91-1	1,4-Dioxane	22700		2500	440
78-93-3	2-Butanone (MEK)	4580		250	110
591-78-6	2-Hexanone	4400		250	36
108-10-1	4-Methyl-2-pentanone (MIBK)	5070		250	32
67-64-1	Acetone	19600		250	54
71-43-2	Benzene	1100		50	4.5
75-25-2	Bromoform	755		50	9.0
74-83-9	Bromomethane	816		50	9.0
75-15-0	Carbon disulfide	1050		50	11
56-23-5	Carbon tetrachloride	1010		50	17
108-90-7	Chlorobenzene	1000		50	12
74-97-5	Chlorobromomethane	1010		50	15
124-48-1	Chlorodibromomethane	855		50	11
75-00-3	Chloroethane	1120		50	19
67-66-3	Chloroform	1060		50	11
74-87-3	Chloromethane	960		50	11
156-59-2	cis-1,2-Dichloroethene	6870		50	13
10061-01-5	cis-1,3-Dichloropropene	1000		50	8.0
110-82-7	Cyclohexane	1070		50	13
75-27-4	Dichlorobromomethane	923		50	7.5
75-71-8	Dichlorodifluoromethane	954		50	7.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98380-B-1 MSD

Matrix: Water | Lab File ID: J29476.D

Analysis Method: 8260C | Date Collected: 07/21/2015 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 15:51

Soil Aliquot Vol: | Dilution Factor: 50

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1020		50	15
106-93-4	Ethylene Dibromide	1010		50	9.5
98-82-8	Isopropylbenzene	1080		50	16
79-20-9	Methyl acetate	5260		250	29
1634-04-4	Methyl tert-butyl ether	1040		50	6.5
108-87-2	Methylcyclohexane	1050		50	11
75-09-2	Methylene Chloride	960		50	11
179601-23-1	m-Xylene & p-Xylene	1030		50	14
95-47-6	o-Xylene	1040		50	16
100-42-5	Styrene	1000		50	8.5
127-18-4	Tetrachloroethene	970		50	6.0
108-88-3	Toluene	1040		50	13
156-60-5	trans-1,2-Dichloroethene	1020		50	9.0
10061-02-6	trans-1,3-Dichloropropene	984		50	9.5
79-01-6	Trichloroethene	6250		50	11
75-69-4	Trichlorofluoromethane	1190		50	7.5
75-01-4	Vinyl chloride	2190		50	3.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29476.D
Lims ID: 460-98380-B-1 MSD
Client ID:
Sample Type: MSD
Inject. Date: 30-Jul-2015 15:51:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-98380-B-1 MSD
Misc. Info.: 460-0030221-018
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 18:06:29 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: starzecm Date: 30-Jul-2015 18:06:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.819	0.822	-0.003	98	10428	20.0	25.2	
2 Dichlorodifluoromethane	85	0.861	0.863	-0.002	100	68937	20.0	19.1	
3 Chloromethane	50	1.090	1.092	-0.002	100	94873	20.0	19.2	
4 Vinyl chloride	62	1.213	1.216	-0.003	99	199498	20.0	43.8	
5 Butadiene	54	1.254	1.257	-0.003	0	87170	20.0	19.3	
7 Chloroethane	64	1.724	1.721	0.003	100	60988	20.0	22.4	
6 Bromomethane	94	1.589	1.766	-0.177	99	37070	20.0	16.3	
8 Dichlorofluoromethane	67	1.965	1.968	-0.003	98	147192	20.0	24.3	
9 Trichlorofluoromethane	101	1.977	1.974	0.003	98	104889	20.0	23.8	
10 Pentane	72	2.036	2.032	0.004	96	18764	40.0	40.4	
11 Ethanol	46	2.259	2.262	-0.003	99	13391	800.0	682.9	
12 Ethyl ether	59	2.306	2.309	-0.002	94	60810	20.0	20.1	
13 2-Methyl-1,3-butadiene	53	2.329	2.332	-0.003	88	71860	20.0	21.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.376	2.379	-0.003	97	47852	20.0	20.5	
15 1,1,2-Trichloro-1,2,2-trif	101	2.529	2.532	-0.003	91	53518	20.0	20.5	
16 Acrolein	56	2.541	2.544	-0.003	30	3507	40.0	23.3	
17 1,1-Dichloroethene	96	2.582	2.585	-0.003	96	59401	20.0	20.3	
18 Acetone	43	2.705	2.706	-0.001	85	670177	100.0	391.1	
19 Iodomethane	142	2.782	2.784	-0.002	99	57625	20.0	16.8	
20 Carbon disulfide	76	2.829	2.826	0.003	100	224880	20.0	21.1	
21 Isopropyl alcohol	45	2.829	2.831	-0.002	60	132127	200.0	533.5	
22 3-Chloro-1-propene	76	3.011	3.014	-0.003	90	41565	20.0	21.6	
23 Methyl acetate	43	3.029	3.025	0.004	99	450702	100.0	105.3	
24 Cyclopentene	67	3.034	3.037	-0.003	94	200881	20.0	21.5	
25 Acetonitrile	41	3.093	3.096	-0.003	98	142346	200.0	220.0	
* 26 TBA-d9 (IS)	65	3.170	3.164	0.006	97	236777	1000.0	1000.0	
27 Methylene Chloride	84	3.181	3.178	0.003	99	69008	20.0	19.2	
28 2-Methyl-2-propanol	59	3.258	3.254	0.004	98	71381	200.0	194.2	
29 Methyl tert-butyl ether	73	3.381	3.384	-0.003	97	199361	20.0	20.8	
30 trans-1,2-Dichloroethene	96	3.428	3.425	0.003	99	68239	20.0	20.3	
31 Acrylonitrile	53	3.516	3.519	-0.003	95	318730	200.0	203.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.622	3.625	-0.003	0	59512	20.0	22.2	
33 Isopropyl ether	45	3.892	3.889	0.003	97	276373	20.0	20.7	
34 1,1-Dichloroethane	63	3.939	3.942	-0.003	99	142522	20.0	22.0	
35 Vinyl acetate	43	3.951	3.960	-0.009	100	67477	40.0	17.8	
36 Allyl alcohol	57	3.969	3.977	-0.008	95	33330	500.0	481.4	
37 2-Chloro-1,3-butadiene	88	3.992	3.989	0.003	94	60615	20.0	21.7	
38 Tert-butyl ethyl ether	59	4.286	4.289	-0.003	88	235305	20.0	20.2	
* 39 2-Butanone-d5	46	4.533	4.533	0.000	97	342130	250.0	250.0	
40 2,2-Dichloropropane	97	4.591	4.553	0.038	22	38561	20.0	34.9	
41 cis-1,2-Dichloroethene	96	4.586	4.588	-0.002	92	506238	20.0	137.4	
42 2-Butanone (MEK)	72	4.603	4.600	0.003	95	45192	100.0	91.6	
43 Ethyl acetate	43	4.603	4.606	-0.003	94	339621	40.0	45.7	
44 Methyl acrylate	55	4.674	4.670	0.004	99	73152	20.0	19.2	
45 Propionitrile	54	4.762	4.764	-0.002	98	120891	200.0	191.0	
46 Chlorobromomethane	128	4.862	4.858	0.004	94	30499	20.0	20.3	
47 Tetrahydrofuran	72	4.862	4.864	-0.002	69	18665	40.0	36.7	
48 Methacrylonitrile	67	4.891	4.888	0.003	96	331003	200.0	209.9	
49 Chloroform	83	4.926	4.929	-0.003	97	120179	20.0	21.2	
50 Cyclohexane	56	5.079	5.082	-0.003	96	97496	20.0	21.5	
51 1,1,1-Trichloroethane	97	5.097	5.093	0.004	98	96775	20.0	21.3	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.115	0.005	96	111579	50.0	50.7	
53 Carbon tetrachloride	117	5.238	5.246	-0.008	96	70737	20.0	20.2	
54 1,1-Dichloropropene	75	5.279	5.282	-0.003	91	86922	20.0	21.6	
55 Isobutyl alcohol	43	5.414	5.417	-0.003	96	90362	500.0	418.3	
56 Isooctane	57	5.473	5.461	0.012	100	157671	20.0	23.1	
57 Benzene	78	5.514	5.511	0.003	98	290743	20.0	21.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	97	163823	50.0	55.5	
60 Isopropyl acetate	43	5.567	5.569	-0.002	96	246322	20.0	22.1	
59 Tert-amyl methyl ether	73	5.573	5.581	-0.008	94	209861	20.0	20.3	
61 1,2-Dichloroethane	62	5.626	5.622	0.004	97	100297	20.0	22.5	
62 n-Heptane	57	5.678	5.667	0.011	97	31746	20.0	22.6	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	479807	50.0	50.0	
67 Ethyl acrylate	55	6.090	6.086	0.004	51	60366	20.0	8.02	
64 2,4,4-Trimethyl-1-pentene	57	6.084	6.092	-0.008	94	224129	40.0	45.1	
65 n-Butanol	56	6.184	6.186	-0.002	91	52965	500.0	464.6	
66 Trichloroethene	95	6.260	6.263	-0.003	95	386849	20.0	125.0	
68 Methylcyclohexane	83	6.395	6.398	-0.003	78	66097	20.0	20.9	
69 1,2-Dichloropropane	63	6.583	6.592	-0.009	89	79077	20.0	20.5	
* 70 1,4-Dioxane-d8	96	6.642	6.642	0.000	89	27623	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.662	-0.002	95	37749	40.0	39.4	
72 1,4-Dioxane	88	6.718	6.709	0.009	41	16179	400.0	453.7	
73 n-Propyl acetate	43	6.718	6.721	-0.003	98	133148	20.0	21.3	
74 Dibromomethane	93	6.736	6.739	-0.003	91	41519	20.0	21.2	
75 Dichlorobromomethane	83	6.906	6.903	0.003	98	86446	20.0	18.5	
77 2-Chloroethyl vinyl ether	63	7.265	7.267	-0.002	57	15592	20.0	5.98	
76 2-Nitropropane	41	7.265	7.273	-0.008	91	31500	40.0	27.1	
78 Epichlorohydrin	57	7.394	7.391	0.003	100	155422	400.0	376.6	
79 cis-1,3-Dichloropropene	75	7.459	7.455	0.004	98	114687	20.0	20.0	
80 4-Methyl-2-pentanone (MIBK	43	7.623	7.620	0.003	99	420038	100.0	101.3	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	98	449107	50.0	49.0	
82 Toluene	91	7.811	7.808	0.003	93	275333	20.0	20.9	
83 trans-1,3-Dichloropropene	75	8.187	8.184	0.003	95	96850	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.199	8.202	-0.003	94	91129	20.0	18.7	
85 1,1,2-Trichloroethane	83	8.416	8.419	-0.003	95	54068	20.0	19.5	
86 Tetrachloroethene	166	8.469	8.478	-0.009	93	45783	20.0	19.4	
87 1,3-Dichloropropane	76	8.651	8.648	0.003	97	109506	20.0	20.8	
89 2-Hexanone	58	8.693	8.695	-0.003	98	142274	100.0	88.0	
88 n-Butyl acetate	43	8.804	8.807	-0.003	98	111449	20.0	33.3	
90 Chlorodibromomethane	129	8.904	8.901	0.003	96	51656	20.0	17.1	
91 Ethylene Dibromide	107	9.074	9.071	0.003	98	58817	20.0	20.2	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	90	345583	50.0	50.0	
93 Chlorobenzene	112	9.603	9.600	0.003	90	156508	20.0	20.1	
94 Ethylbenzene	106	9.674	9.670	0.004	99	78266	20.0	20.3	
95 1,1,1,2-Tetrachloroethane	131	9.691	9.694	-0.003	94	50105	20.0	18.2	
96 m-Xylene & p-Xylene	106	9.797	9.800	-0.003	98	98040	20.0	20.6	
97 n-Butyl acrylate	73	10.138	10.135	0.003	96	50792	20.0	17.6	
98 o-Xylene	106	10.179	10.176	0.003	92	97994	20.0	20.8	
99 Styrene	104	10.203	10.199	0.003	92	178934	20.0	20.0	
100 Amyl acetate (mixed isomer	43	10.332	10.329	0.003	87	146770	20.0	21.8	
101 Bromoform	173	10.396	10.399	-0.003	92	30169	20.0	15.1	
102 Isopropylbenzene	105	10.479	10.475	0.004	97	213153	20.0	21.7	
$ 103 4-Bromofluorobenzene	174	10.649	10.649	0.000	82	103284	50.0	45.3	
104 Camphene	41	10.667	10.669	-0.002	96	16905	20.0	20.4	
105 Bromobenzene	156	10.767	10.763	0.004	94	59192	20.0	20.2	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.787	-0.003	98	86976	20.0	21.8	
107 N-Propylbenzene	91	10.802	10.804	-0.002	98	255132	20.0	23.0	
108 1,2,3-Trichloropropane	110	10.831	10.828	0.003	95	22121	20.0	20.9	
109 trans-1,4-Dichloro-2-buten	53	10.831	10.834	-0.003	76	26191	20.0	20.3	
110 4-Ethyltoluene	105	10.890	10.893	-0.003	98	213681	20.0	20.9	
111 2-Chlorotoluene	91	10.896	10.898	-0.002	97	196608	20.0	22.8	
112 1,3,5-Trimethylbenzene	105	10.937	10.940	-0.003	92	177032	20.0	22.5	
113 4-Chlorotoluene	91	10.984	10.987	-0.003	98	178865	20.0	21.6	
114 Butyl Methacrylate	87	10.996	10.998	-0.002	98	89817	20.0	20.0	
115 tert-Butylbenzene	119	11.166	11.169	-0.003	91	128008	20.0	21.5	
116 1,2,4-Trimethylbenzene	105	11.207	11.216	-0.009	99	186248	20.0	22.0	
117 sec-Butylbenzene	105	11.319	11.321	-0.002	98	190096	20.0	22.1	
118 4-Isopropyltoluene	119	11.413	11.415	-0.002	97	159519	20.0	21.6	
119 1,3-Dichlorobenzene	146	11.430	11.439	-0.009	93	97827	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	11.483	11.496	-0.013	98	152145	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.495	11.504	-0.009	90	103935	20.0	20.1	
122 Benzyl chloride	91	11.589	11.598	-0.009	97	141136	20.0	16.4	
123 2,3-Dihydroindene	117	11.636	11.645	-0.009	94	223108	20.0	20.6	
124 p-Diethylbenzene	119	11.660	11.662	-0.002	90	107478	20.0	20.1	
125 n-Butylbenzene	91	11.677	11.686	-0.009	98	221330	20.0	25.7	
126 1,2-Dichlorobenzene	146	11.742	11.750	-0.008	93	103451	20.0	20.9	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.179	-0.008	97	154550	20.0	20.3	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.285	-0.014	87	14836	20.0	20.6	
129 1,3,5-Trichlorobenzene	180	12.365	12.379	-0.014	95	54312	20.0	18.9	
130 Camphor	95	12.758	12.767	-0.009	96	37666	100.0	99.2	
131 1,2,4-Trichlorobenzene	180	12.823	12.847	-0.024	92	52041	20.0	20.2	
132 Hexachlorobutadiene	225	12.893	12.917	-0.024	90	20173	20.0	20.5	
133 Naphthalene	128	13.029	13.037	-0.008	98	169273	20.0	20.8	
134 1,2,3-Trichlorobenzene	180	13.223	13.225	-0.003	93	44835	20.0	20.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	157.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	41.3	
S 137 Total BTEX	1				0		100.0	104.4	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jul-2015 18:06:29 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30221.b\J29476.D

Injection Date: 30-Jul-2015 15:51:30 Instrument ID: CVOAMS8 Operator ID:

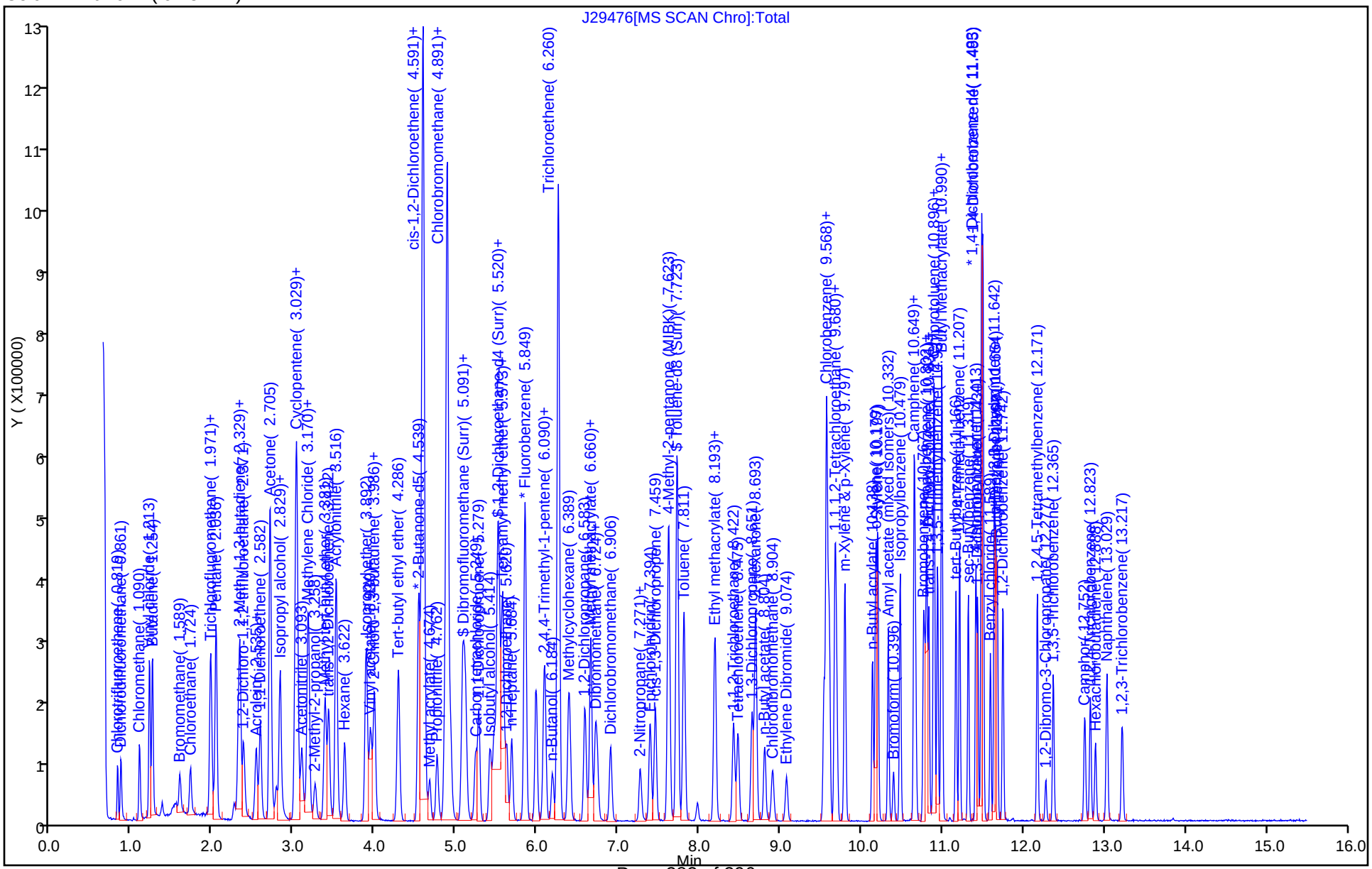
Lims ID: 460-98380-B-1 MSD Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 17

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98605-A-7 MSD

Matrix: Water | Lab File ID: J29505.D

Analysis Method: 8260C | Date Collected: 07/27/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 04:47

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.7		1.0	0.34
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.080
75-34-3	1,1-Dichloroethane	21.7		1.0	0.24
75-35-4	1,1-Dichloroethene	19.5		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	19.0		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.22
107-06-2	1,2-Dichloroethane	22.7		1.0	0.25
78-87-5	1,2-Dichloropropane	20.6		1.0	0.18
541-73-1	1,3-Dichlorobenzene	20.0		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
123-91-1	1,4-Dioxane	439		50	8.7
78-93-3	2-Butanone (MEK)	79.9		5.0	2.2
591-78-6	2-Hexanone	86.7		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	99.3		5.0	0.63
67-64-1	Acetone	66.5		5.0	1.1
71-43-2	Benzene	21.0		1.0	0.090
75-25-2	Bromoform	14.2		1.0	0.18
74-83-9	Bromomethane	15.9		1.0	0.18
75-15-0	Carbon disulfide	21.1		1.0	0.22
56-23-5	Carbon tetrachloride	18.1		1.0	0.33
108-90-7	Chlorobenzene	19.3		1.0	0.24
74-97-5	Chlorobromomethane	19.6		1.0	0.30
124-48-1	Chlorodibromomethane	17.1		1.0	0.22
75-00-3	Chloroethane	18.8		1.0	0.37
67-66-3	Chloroform	21.1		1.0	0.22
74-87-3	Chloromethane	14.9		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	18.4		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.16
110-82-7	Cyclohexane	21.2		1.0	0.26
75-27-4	Dichlorobromomethane	18.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	13.2		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98605-A-7 MSD

Matrix: Water | Lab File ID: J29505.D

Analysis Method: 8260C | Date Collected: 07/27/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 04:47

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.0		1.0	0.30
106-93-4	Ethylene Dibromide	19.3		1.0	0.19
98-82-8	Isopropylbenzene	20.6		1.0	0.32
79-20-9	Methyl acetate	98.8		5.0	0.58
1634-04-4	Methyl tert-butyl ether	20.9		1.0	0.13
108-87-2	Methylcyclohexane	19.1		1.0	0.22
75-09-2	Methylene Chloride	19.2		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	19.2		1.0	0.28
95-47-6	o-Xylene	20.2		1.0	0.32
100-42-5	Styrene	19.2		1.0	0.17
127-18-4	Tetrachloroethene	19.5		1.0	0.12
108-88-3	Toluene	20.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.19
79-01-6	Trichloroethene	19.5		1.0	0.22
75-69-4	Trichlorofluoromethane	21.0		1.0	0.15
75-01-4	Vinyl chloride	16.7		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29505.D
Lims ID: 460-98605-A-7 MSD
Client ID: SW-83101-072715-RM-07
Sample Type: MSD
Inject. Date: 31-Jul-2015 04:47:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98605-A-7 MSD
Misc. Info.: 460-0030251-019
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 10:21:30 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: moroneyc Date: 31-Jul-2015 09:19:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.826	0.822	0.004	97	11992	20.0	29.5	
2 Dichlorodifluoromethane	85	0.867	0.863	0.004	100	46991	20.0	13.2	
3 Chloromethane	50	1.096	1.092	0.004	99	72336	20.0	14.9	
4 Vinyl chloride	62	1.219	1.216	0.003	99	74986	20.0	16.7	
5 Butadiene	54	1.255	1.251	0.004	0	67204	20.0	15.1	
6 Bromomethane	94	1.613	1.615	-0.002	97	35522	20.0	15.9	
7 Chloroethane	64	1.731	1.727	0.003	99	50253	20.0	18.8	
8 Dichlorofluoromethane	67	1.971	1.968	0.003	98	130361	20.0	21.9	
9 Trichlorofluoromethane	101	1.983	1.979	0.004	97	90833	20.0	21.0	
10 Pentane	72	2.042	2.038	0.004	96	17334	40.0	38.0	
11 Ethanol	46	2.259	2.256	0.003	98	12819	800.0	665.4	
12 Ethyl ether	59	2.312	2.309	0.004	94	61477	20.0	20.7	
13 2-Methyl-1,3-butadiene	53	2.336	2.332	0.004	91	69456	20.0	21.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.379	-0.002	98	43946	20.0	19.2	
15 1,1,2-Trichloro-1,2,2-trif	101	2.535	2.532	0.003	92	50449	20.0	19.7	
16 Acrolein	56	2.547	2.532	0.015	29	4604	40.0	31.1	
17 1,1-Dichloroethene	96	2.588	2.585	0.003	93	56109	20.0	19.5	
18 Acetone	43	2.706	2.702	0.004	85	113779	100.0	66.5	
19 Iodomethane	142	2.788	2.784	0.004	99	57691	20.0	17.1	
21 Isopropyl alcohol	45	2.823	2.826	-0.003	37	44903	200.0	181.0	
20 Carbon disulfide	76	2.829	2.826	0.003	100	220719	20.0	21.1	
22 3-Chloro-1-propene	76	3.011	3.014	-0.003	90	40229	20.0	21.3	
23 Methyl acetate	43	3.029	3.025	0.004	99	415268	100.0	98.8	
24 Cyclopentene	67	3.041	3.037	0.004	93	186735	20.0	20.3	
25 Acetonitrile	41	3.094	3.096	-0.002	98	123618	200.0	194.5	
* 26 TBA-d9 (IS)	65	3.170	3.160	0.010	98	232602	1000.0	1000.0	
27 Methylene Chloride	84	3.182	3.178	0.004	98	67680	20.0	19.2	
28 2-Methyl-2-propanol	59	3.258	3.254	0.004	99	67490	200.0	186.1	
29 Methyl tert-butyl ether	73	3.387	3.384	0.003	97	196154	20.0	20.9	
30 trans-1,2-Dichloroethene	96	3.429	3.425	0.003	99	62176	20.0	18.9	
31 Acrylonitrile	53	3.523	3.519	0.004	93	308507	200.0	200.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.622	3.625	-0.003	0	56703	20.0	21.5	
33 Isopropyl ether	45	3.887	3.889	-0.002	97	276540	20.0	21.1	
34 1,1-Dichloroethane	63	3.940	3.936	0.004	99	137972	20.0	21.7	
35 Vinyl acetate	43	3.957	3.954	0.003	100	63080	40.0	17.0	
36 Allyl alcohol	57	3.975	3.965	0.010	95	29468	500.0	433.2	
37 2-Chloro-1,3-butadiene	88	3.998	3.995	0.003	94	57509	20.0	21.0	
38 Tert-butyl ethyl ether	59	4.286	4.289	-0.003	88	229834	20.0	20.1	
* 39 2-Butanone-d5	46	4.533	4.535	-0.002	93	341667	250.0	250.0	
40 2,2-Dichloropropane	97	4.551	4.547	0.004	94	20349	20.0	18.2	
41 cis-1,2-Dichloroethene	96	4.586	4.588	-0.002	92	66642	20.0	18.4	
42 2-Butanone (MEK)	72	4.604	4.600	0.004	96	39345	100.0	79.9	
43 Ethyl acetate	43	4.604	4.606	-0.002	95	324716	40.0	43.7	
44 Methyl acrylate	55	4.674	4.670	0.004	98	75045	20.0	20.0	
45 Propionitrile	54	4.762	4.764	-0.002	99	115759	200.0	186.2	
47 Tetrahydrofuran	72	4.850	4.858	-0.008	84	18563	40.0	36.5	
46 Chlorobromomethane	128	4.868	4.864	0.004	96	28913	20.0	19.6	
48 Methacrylonitrile	67	4.892	4.888	0.004	96	325254	200.0	210.0	
49 Chloroform	83	4.933	4.929	0.004	97	117318	20.0	21.1	
50 Cyclohexane	56	5.080	5.076	0.004	97	94662	20.0	21.2	
51 1,1,1-Trichloroethane	97	5.097	5.093	0.004	97	92068	20.0	20.6	
$ 52 Dibromofluoromethane (Surr	113	5.121	5.117	0.004	94	105092	50.0	48.6	
53 Carbon tetrachloride	117	5.244	5.240	0.004	96	62209	20.0	18.1	
54 1,1-Dichloropropene	75	5.285	5.281	0.004	92	85443	20.0	21.6	
55 Isobutyl alcohol	43	5.414	5.411	0.003	95	81538	500.0	384.2	
56 Isooctane	57	5.467	5.470	-0.003	97	147087	20.0	22.0	
57 Benzene	78	5.514	5.511	0.003	98	274279	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.534	-0.002	98	162200	50.0	55.9	
60 Isopropyl acetate	43	5.573	5.569	0.004	95	244079	20.0	22.3	
59 Tert-amyl methyl ether	73	5.573	5.575	-0.002	91	201738	20.0	19.8	
61 1,2-Dichloroethane	62	5.620	5.622	-0.002	96	99513	20.0	22.7	
62 n-Heptane	57	5.685	5.687	-0.002	96	32733	20.0	23.7	
* 63 Fluorobenzene	96	5.849	5.851	-0.002	97	471281	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.092	-0.002	93	198497	40.0	40.6	
65 n-Butanol	56	6.184	6.186	-0.002	95	46975	500.0	419.5	
66 Trichloroethene	95	6.255	6.257	-0.002	95	59341	20.0	19.5	
67 Ethyl acrylate	55	6.390	6.386	0.004	96	155196	20.0	21.0	
68 Methylcyclohexane	83	6.396	6.398	-0.002	77	59304	20.0	19.1	
69 1,2-Dichloropropane	63	6.590	6.586	0.004	89	77848	20.0	20.6	
* 70 1,4-Dioxane-d8	96	6.654	6.645	0.009	39	25407	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.662	-0.002	95	33602	40.0	35.7	
72 1,4-Dioxane	88	6.719	6.703	0.016	32	14412	400.0	439.4	
73 n-Propyl acetate	43	6.719	6.721	-0.002	98	129281	20.0	21.1	
74 Dibromomethane	93	6.742	6.739	0.003	92	38370	20.0	20.0	
75 Dichlorobromomethane	83	6.901	6.903	-0.002	98	86379	20.0	18.8	
76 2-Nitropropane	41	7.271	7.273	-0.002	98	28392	40.0	24.8	
78 Epichlorohydrin	57	7.389	7.391	-0.002	100	104827	400.0	254.3	
79 cis-1,3-Dichloropropene	75	7.459	7.455	0.004	98	111135	20.0	19.7	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.620	-0.002	99	410927	100.0	99.3	
$ 81 Toluene-d8 (Surr)	98	7.723	7.726	-0.003	98	439097	50.0	48.7	
82 Toluene	91	7.812	7.814	-0.002	93	263124	20.0	20.3	
83 trans-1,3-Dichloropropene	75	8.188	8.184	0.004	93	97240	20.0	20.1	
84 Ethyl methacrylate	69	8.199	8.196	0.003	93	92565	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	8.423	8.419	0.004	94	51734	20.0	18.9	
86 Tetrachloroethene	166	8.476	8.478	-0.002	90	45188	20.0	19.5	
87 1,3-Dichloropropane	76	8.652	8.654	-0.002	96	107326	20.0	20.7	
89 2-Hexanone	58	8.693	8.695	-0.002	99	139937	100.0	86.7	
88 n-Butyl acetate	43	8.805	8.801	0.004	97	103916	20.0	31.6	
90 Chlorodibromomethane	129	8.899	8.901	-0.002	97	50838	20.0	17.1	
91 Ethylene Dibromide	107	9.081	9.077	0.004	98	55266	20.0	19.3	
* 92 Chlorobenzene-d5	117	9.568	9.571	-0.003	91	339760	50.0	50.0	
93 Chlorobenzene	112	9.598	9.600	-0.002	90	148207	20.0	19.3	
94 Ethylbenzene	106	9.674	9.676	-0.002	100	75838	20.0	20.0	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.694	-0.002	91	48855	20.0	18.0	
96 m-Xylene & p-Xylene	106	9.798	9.794	0.004	98	90156	20.0	19.2	
97 n-Butyl acrylate	73	10.132	10.135	-0.003	96	49799	20.0	17.6	
98 o-Xylene	106	10.179	10.176	0.003	93	93863	20.0	20.2	
99 Styrene	104	10.203	10.199	0.004	92	168651	20.0	19.2	
100 Amyl acetate (mixed isomer	43	10.332	10.329	0.004	87	137770	20.0	20.8	
101 Bromoform	173	10.391	10.393	-0.002	91	27823	20.0	14.2	
102 Isopropylbenzene	105	10.479	10.475	0.004	97	199483	20.0	20.6	
$ 103 4-Bromofluorobenzene	174	10.649	10.652	-0.003	82	99353	50.0	44.3	
104 Camphene	41	10.661	10.669	-0.008	43	3800	20.0	4.13	
105 Bromobenzene	156	10.767	10.763	0.004	91	55871	20.0	19.3	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.787	-0.002	99	82695	20.0	21.0	
107 N-Propylbenzene	91	10.802	10.804	-0.002	98	237913	20.0	21.8	
108 1,2,3-Trichloropropane	110	10.826	10.828	-0.002	93	22074	20.0	21.2	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.834	-0.002	86	25248	20.0	19.9	
110 4-Ethyltoluene	105	10.890	10.893	-0.003	98	199019	20.0	19.8	
111 2-Chlorotoluene	91	10.896	10.898	-0.002	97	182940	20.0	21.6	
112 1,3,5-Trimethylbenzene	105	10.937	10.940	-0.003	92	162201	20.0	20.9	
113 4-Chlorotoluene	91	10.984	10.987	-0.003	98	173233	20.0	21.2	
114 Butyl Methacrylate	87	10.996	10.992	0.004	98	87571	20.0	19.8	
115 tert-Butylbenzene	119	11.167	11.163	0.003	92	122157	20.0	20.8	
116 1,2,4-Trimethylbenzene	105	11.208	11.210	-0.002	98	178641	20.0	21.5	
117 sec-Butylbenzene	105	11.313	11.316	-0.003	99	178493	20.0	21.1	
118 4-Isopropyltoluene	119	11.407	11.410	-0.003	97	149406	20.0	20.5	
119 1,3-Dichlorobenzene	146	11.431	11.433	-0.002	93	95240	20.0	20.0	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.480	-0.002	97	149782	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.490	11.492	-0.002	91	97705	20.0	19.2	
122 Benzyl chloride	91	11.584	11.586	-0.002	98	134457	20.0	15.9	
123 2,3-Dihydroindene	117	11.631	11.633	-0.002	93	214992	20.0	20.1	
124 p-Diethylbenzene	119	11.654	11.656	-0.002	91	100905	20.0	19.2	
125 n-Butylbenzene	91	11.672	11.678	-0.006	98	211411	20.0	24.9	
126 1,2-Dichlorobenzene	146	11.742	11.745	-0.002	92	99355	20.0	20.3	
127 1,2,4,5-Tetramethylbenzene	119	12.159	12.168	-0.009	97	145922	20.0	19.5	
128 1,2-Dibromo-3-Chloropropan	75	12.265	12.267	-0.002	88	13987	20.0	19.7	
129 1,3,5-Trichlorobenzene	180	12.359	12.361	-0.002	94	51407	20.0	18.2	
130 Camphor	95	12.747	12.749	-0.002	95	35157	100.0	94.1	
131 1,2,4-Trichlorobenzene	180	12.818	12.820	-0.002	93	48174	20.0	19.0	
132 Hexachlorobutadiene	225	12.882	12.884	-0.002	88	18153	20.0	18.6	
133 Naphthalene	128	13.023	13.025	-0.002	98	160937	20.0	20.0	
134 1,2,3-Trichlorobenzene	180	13.211	13.207	0.004	93	42073	20.0	19.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	37.3	
S 136 Xylenes, Total	100				0		40.0	39.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	100.8	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

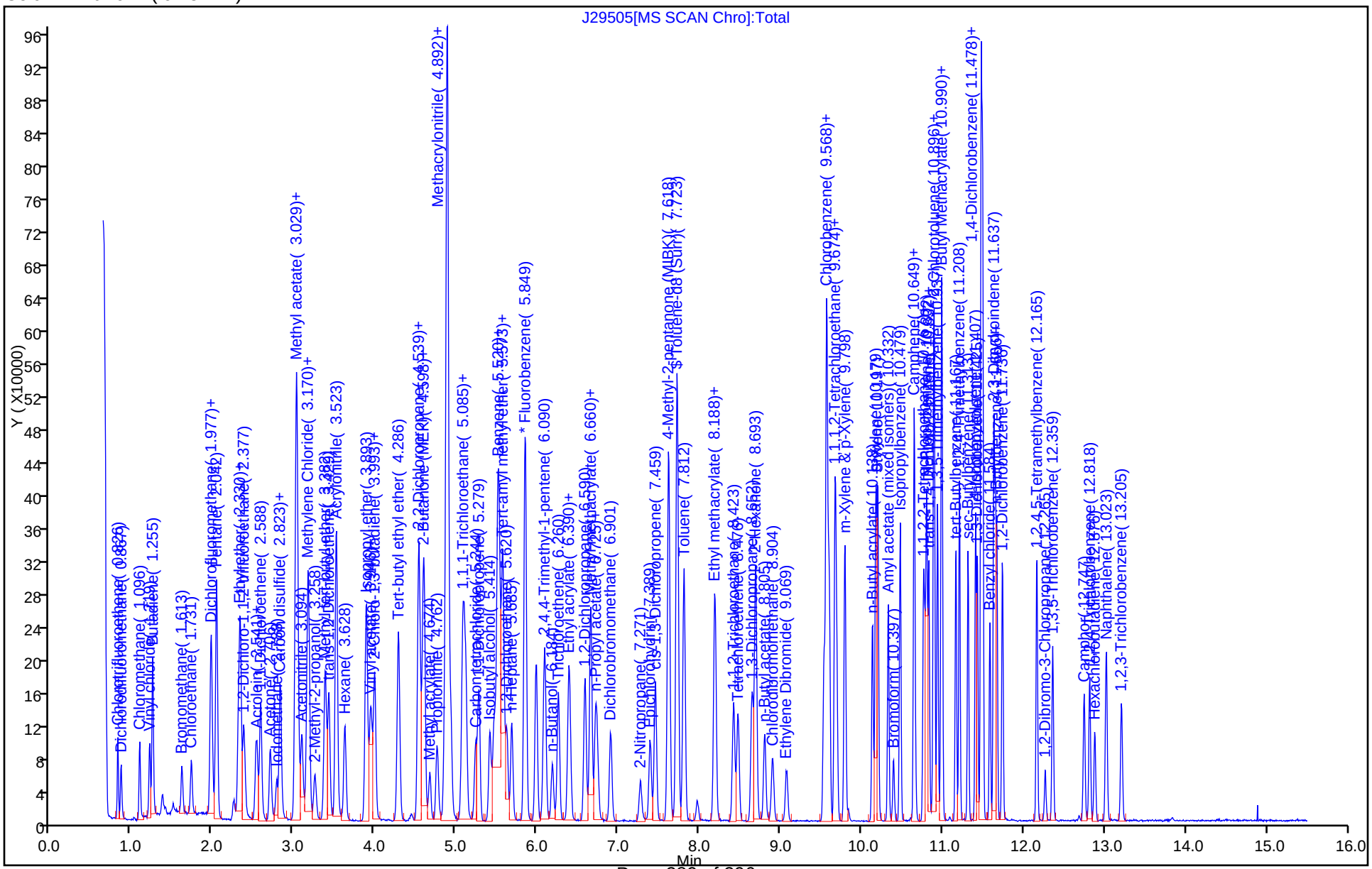
Report Date: 31-Jul-2015 10:21:31 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150730-30251.b\J29505.D

Injection Date:	31-Jul-2015 04:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98605-A-7 MSD			Worklist Smp#:	19
Client ID:	SW-83101-072715-RM-07				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 07/21/2015 10:08

Analysis Batch Number: 311803 End Date: 07/21/2015 18:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-311803/1		07/21/2015 10:08	1	J29083.D	Rtx-624 0.25(mm)
STD5 460-311803/4 IC		07/21/2015 11:43	1	J29086.D	Rtx-624 0.25(mm)
STD20 460-311803/5 ICIS		07/21/2015 12:09	1	J29087.D	Rtx-624 0.25(mm)
STD50 460-311803/6 IC		07/21/2015 12:35	1	J29088.D	Rtx-624 0.25(mm)
STD200 460-311803/7 IC		07/21/2015 13:02	1	J29089.D	Rtx-624 0.25(mm)
STD500 460-311803/8 IC		07/21/2015 13:28	1	J29090.D	Rtx-624 0.25(mm)
STD7 460-311803/11 IC		07/21/2015 14:47	1	J29093.D	Rtx-624 0.25(mm)
STD1 460-311803/19 IC		07/21/2015 18:18	1	J29101.D	Rtx-624 0.25(mm)
ICV 460-311803/20		07/21/2015 18:44	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 07/30/2015 08:11

Analysis Batch Number: 313622 End Date: 07/30/2015 20:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313622/1		07/30/2015 08:11	1	J29459.D	Rtx-624 0.25(mm)
CCVIS 460-313622/2		07/30/2015 08:37	1	J29460.D	Rtx-624 0.25(mm)
LCS 460-313622/3		07/30/2015 09:07	1	J29461.D	Rtx-624 0.25(mm)
MB 460-313622/7		07/30/2015 10:51	1	J29465.D	Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 11:30	1		Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 11:56	50		Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 12:22	50		Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 12:48	10		Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 13:14	5		Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 14:06	5		Rtx-624 0.25(mm)
ZZZZZ		07/30/2015 14:58	1		Rtx-624 0.25(mm)
460-98380-B-1 MS		07/30/2015 15:24	50	J29475.D	Rtx-624 0.25(mm)
460-98380-B-1 MSD		07/30/2015 15:51	50	J29476.D	Rtx-624 0.25(mm)
460-98572-9	FB-4	07/30/2015 17:09	1	J29479.D	Rtx-624 0.25(mm)
460-98572-10	Trip Blank	07/30/2015 17:35	1	J29480.D	Rtx-624 0.25(mm)
460-98572-1	MW-38	07/30/2015 18:01	1	J29481.D	Rtx-624 0.25(mm)
460-98572-2	MW-40	07/30/2015 18:27	1	J29482.D	Rtx-624 0.25(mm)
460-98572-3	MW-17	07/30/2015 18:53	1	J29483.D	Rtx-624 0.25(mm)
460-98572-6	MW-32	07/30/2015 19:19	1	J29484.D	Rtx-624 0.25(mm)
460-98572-7	MW-31	07/30/2015 19:45	1	J29485.D	Rtx-624 0.25(mm)
460-98572-8	MW-37	07/30/2015 20:11	1	J29486.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 07/30/2015 20:42

Analysis Batch Number: 313792 End Date: 07/31/2015 08:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313792/1		07/30/2015 20:42	1	J29487.D	Rtx-624 0.25(mm)
CCVIS 460-313792/2		07/30/2015 21:13	1	J29488.D	Rtx-624 0.25(mm)
LCS 460-313792/3		07/30/2015 21:51	1	J29489.D	Rtx-624 0.25(mm)
MB 460-313792/7		07/30/2015 23:34	1	J29493.D	Rtx-624 0.25(mm)
460-98572-5	FB-3	07/31/2015 00:00	1	J29494.D	Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 00:26	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 00:52	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 01:18	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 01:43	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 02:09	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 02:35	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 03:01	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 03:27	1		Rtx-624 0.25(mm)
460-98572-4	MW-46	07/31/2015 03:54	5	J29503.D	Rtx-624 0.25(mm)
460-98605-A-7 MS		07/31/2015 04:20	1	J29504.D	Rtx-624 0.25(mm)
460-98605-A-7 MSD		07/31/2015 04:47	1	J29505.D	Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 06:06	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 06:32	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 06:58	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 07:24	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 07:51	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 08:17	5		Rtx-624 0.25(mm)

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

460-98572 Chain of Custody

/ Durham Road
New Jersey 08817
732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / AN

Page 1 of 1

Name (for report and invoice) Jeff Bohlen	Samplers Name (Printed) V. Cardoza, C Bakewicz	Site/Project Identification 1st Ave and 90th Street
Company EnviroTrac	P. O. #	State (Location of site): NJ: ☐ NY: ☑ Other:
		Regulatory Program:
Address 5 Old Dock Roacl	Analysis Turnaround Time Standard ☑	
City Yaphank State NY	Rush Chrages Authorized For: 2 Week ☐ 1 Wook ☐ Othor ☐	
Phone 631-924-3001 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260C-TCL VOCs + 10										LAB USE ONLY Project No: / Job No: 98572 / Sample Numbers
MW-38	07/22/15	9:38	GW	3	X										-1
MW-40	07/22/15	11:04	GW	3	X										-2
MW-17	07/22/15	12:23	GW	3	X										-3
MW-46	07/22/15	13:42	GW	3	X										-4
FB-3	07/22/15	14:15	GW	2	X										-5
MW-32	07/23/15	9:35	GW	3	X										-6
MW-31	07/23/15	13:42	GW	3	X										-7
MW-37	07/23/15	14:50	GW	3	X										-8
FB-4	07/23/15	15:05	GW	2	X										-9
															-10
					40 mL VOA (HCl)										

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)		Envirotrac	07/23/15 18:30		Envirotrac 7/23/15 @ 18:35
2)		Envirotrac	7/24/15 11:22		TA
3)		T. A	7/24/15 17:40		TA 07/24/15 1740
4)					

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578) 1.4 (3.2 IRF 5 WBC.

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 98572

Number of Coolers: 1 IR Gun # 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.2 °C	3.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 7/24/15

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-98572-1

Login Number: 98572
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	See NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-98740-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017

Attention: David Harrington

Approved for release.
Sarah E Brown
Project Management Assistant II
8/4/2015 10:49 AM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
08/04/2015

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

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

Job Number: 460-98740-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

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

Approved for release.
Sarah E Brown
Project Management Assistant II
8/4/2015 10:49 AM

Designee for
Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC 1st Ave and 90th St; Site: 231008

Report Number: 460-98740-1

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

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

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

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

RECEIPT
The samples were received on 7/29/2015 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4º C.

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

VOLATILE ORGANICS
Samples MW-19 (460-98740-1), MW-08 (460-98740-2), MW-08D (460-98740-3), MW-07 (460-98740-4), MW-44 (460-98740-5), FB-5 (460-98740-6), MW-20 (460-98740-7), MW-26 (460-98740-8), MW-34 (460-98740-9), MW-56 (460-98740-10), FB-6 (460-98740-11), MW-54 (460-98740-12), MW-55 (460-98740-13), MW-51 (460-98740-14), MW-50 (460-98740-15), FB-7 (460-98740-16) and Trip Blank (460-98740-17) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 07/31/2015 and 08/01/2015.

1,4-Dioxane exceeded the RPD limit for the MSD of sample 460-98740-3 in batch 460-313902.

The continuing calibration verification (CCV) analyzed in batch 460-313902 was outside the method criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane (biased high), Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-313995 was outside the method criteria for the following analyte: Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-98740-1	MW-19	Water	07/24/2015 0918	07/30/2015 1800
460-98740-2	MW-08	Water	07/24/2015 1044	07/30/2015 1800
460-98740-3	MW-08D	Water	07/24/2015 1148	07/30/2015 1800
460-98740-4	MW-07	Water	07/24/2015 1305	07/30/2015 1800
460-98740-5	MW-44	Water	07/24/2015 1406	07/30/2015 1800
460-98740-6	FB-5	Water	07/24/2015 1425	07/30/2015 1800
460-98740-7	MW-20	Water	07/27/2015 0905	07/30/2015 1800
460-98740-8	MW-26	Water	07/27/2015 1043	07/30/2015 1800
460-98740-9	MW-34	Water	07/27/2015 1234	07/30/2015 1800
460-98740-10	MW-56	Water	07/27/2015 1405	07/30/2015 1800
460-98740-11	FB-6	Water	07/27/2015 1436	07/30/2015 1800
460-98740-12	MW-54	Water	07/28/2015 0926	07/30/2015 1800
460-98740-13	MW-55	Water	07/28/2015 1045	07/30/2015 1800
460-98740-14	MW-51	Water	07/28/2015 1208	07/30/2015 1800
460-98740-15	MW-50	Water	07/28/2015 1334	07/30/2015 1800
460-98740-16	FB-7	Water	07/28/2015 1406	07/30/2015 1800
460-98740-17	Trip Blank	Water	07/28/2015 0000	07/30/2015 1800

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-98740-1	**MW-19**					
Chloroform		0.84	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.3		1.0	ug/L	8260C
Tetrachloroethene		0.12	J	1.0	ug/L	8260C
460-98740-2	**MW-08**					
Benzene		0.21	J	1.0	ug/L	8260C
Chloroform		1.2		1.0	ug/L	8260C
cis-1,2-Dichloroethene		23		1.0	ug/L	8260C
Tetrachloroethene		370		1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260C
Trichloroethene		58		1.0	ug/L	8260C
460-98740-3	**MW-08D**					
Benzene		0.20	J	1.0	ug/L	8260C
Chloroform		0.48	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		13		1.0	ug/L	8260C
Tetrachloroethene		390		1.0	ug/L	8260C
Trichloroethene		35		1.0	ug/L	8260C
460-98740-4	**MW-07**					
Tetrachloroethene		0.69	J	1.0	ug/L	8260C
460-98740-5	**MW-44**					
Tetrachloroethene		0.57	J	1.0	ug/L	8260C
460-98740-6	**FB-5**					
Acetone		5.4		5.0	ug/L	8260C
Methylene Chloride		4.5		1.0	ug/L	8260C
m-Xylene & p-Xylene		0.44	J	1.0	ug/L	8260C
Toluene		0.42	J	1.0	ug/L	8260C
460-98740-7	**MW-20**					
Chloroform		0.91	J	1.0	ug/L	8260C
Tetrachloroethene		0.20	J	1.0	ug/L	8260C
460-98740-8	**MW-26**					
Tetrachloroethene		0.16	J	1.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-98740-9	**MW-34**					
Chloroform		0.55	J	1.0	ug/L	8260C
Tetrachloroethene		0.31	J	1.0	ug/L	8260C
460-98740-10	**MW-56**					
Tetrachloroethene		0.27	J	1.0	ug/L	8260C
460-98740-11	**FB-6**					
Acetone		5.8		5.0	ug/L	8260C
Methylene Chloride		4.2		1.0	ug/L	8260C
m-Xylene & p-Xylene		0.38	J	1.0	ug/L	8260C
Toluene		0.31	J	1.0	ug/L	8260C
460-98740-12	**MW-54**					
Chloroform		0.48	J	1.0	ug/L	8260C
Tetrachloroethene		0.71	J	1.0	ug/L	8260C
460-98740-13	**MW-55**					
Acetone		5.6		5.0	ug/L	8260C
Tetrachloroethene		0.17	J	1.0	ug/L	8260C
460-98740-14	**MW-51**					
Tetrachloroethene		0.35	J	1.0	ug/L	8260C
460-98740-15	**MW-50**					
Isopropylbenzene		1.1		1.0	ug/L	8260C
Methylcyclohexane		0.69	J	1.0	ug/L	8260C
m-Xylene & p-Xylene		0.93	J	1.0	ug/L	8260C
o-Xylene		4.9		1.0	ug/L	8260C
Tetrachloroethene		0.38	J	1.0	ug/L	8260C
460-98740-16	**FB-7**					
Benzene		0.12	J	1.0	ug/L	8260C
Methylene Chloride		4.0		1.0	ug/L	8260C
m-Xylene & p-Xylene		0.44	J	1.0	ug/L	8260C
Toluene		0.36	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 460-98740-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C. Job Number: 460-98740-1

Method	Analyst	Analyst ID
SW846 8260C	Starzec, Margaret	MZS

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-19

Lab Sample ID: 460-98740-1 Date Sampled: 07/24/2015 0918
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01888.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1145			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.84	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.3		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.12	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-19

Lab Sample ID: 460-98740-1 Date Sampled: 07/24/2015 0918
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01888.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1145			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	101		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	93		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-19

Lab Sample ID: 460-98740-1 Date Sampled: 07/24/2015 0918
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01888.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1145			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1145				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-08

Lab Sample ID: 460-98740-2 Date Sampled: 07/24/2015 1044
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01889.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1210			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	0.21	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.2		0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	23		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	370		0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: **MW-08**

Lab Sample ID: 460-98740-2 Date Sampled: 07/24/2015 1044
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01889.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1210			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	0.18	J	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	58		0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	105		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-08

Lab Sample ID: 460-98740-2 Date Sampled: 07/24/2015 1044
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01889.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1210			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1210				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-08D

Lab Sample ID: 460-98740-3 Date Sampled: 07/24/2015 1148
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01917.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2015 0013			Final Weight/Volume:	5 mL
Prep Date:	08/01/2015 0013				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	0.20	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.48	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	13		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	390		0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-08D

Lab Sample ID: 460-98740-3 Date Sampled: 07/24/2015 1148
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01917.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2015 0013			Final Weight/Volume:	5 mL
Prep Date:	08/01/2015 0013				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	35		0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
4-Bromofluorobenzene	102		64 - 135
Dibromofluoromethane (Surr)	97		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-08D

Lab Sample ID: 460-98740-3 Date Sampled: 07/24/2015 1148
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01917.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2015 0013			Final Weight/Volume:	5 mL
Prep Date:	08/01/2015 0013				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-07

Lab Sample ID: 460-98740-4 Date Sampled: 07/24/2015 1305
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01916.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2348			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.69	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-07

Lab Sample ID: 460-98740-4 Date Sampled: 07/24/2015 1305
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01916.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2348			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
4-Bromofluorobenzene	102		64 - 135
Dibromofluoromethane (Surr)	97		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-07

Lab Sample ID: 460-98740-4 Date Sampled: 07/24/2015 1305
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01916.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2348			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2348				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-44

Lab Sample ID: 460-98740-5 Date Sampled: 07/24/2015 1406
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01915.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2323			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2323				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.57	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-44

Lab Sample ID: 460-98740-5 Date Sampled: 07/24/2015 1406
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01915.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2323			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2323				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	104		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-44

Lab Sample ID: 460-98740-5 Date Sampled: 07/24/2015 1406
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01915.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2323			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2323				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-5

Lab Sample ID: 460-98740-6 Date Sampled: 07/24/2015 1425
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01884.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1005			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.4		1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	4.5		0.21	1.0
m-Xylene & p-Xylene	0.44	J	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-5

Lab Sample ID: 460-98740-6 Date Sampled: 07/24/2015 1425
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01884.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1005			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	0.42	J	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	106		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	101		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-5

Lab Sample ID: 460-98740-6 Date Sampled: 07/24/2015 1425
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01884.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1005			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1005				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-20

Lab Sample ID: 460-98740-7 Date Sampled: 07/27/2015 0905
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01898.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1556			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.91	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.20	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-20

Lab Sample ID: 460-98740-7 Date Sampled: 07/27/2015 0905
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01898.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1556			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene	102		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137
Toluene-d8 (Surr)	95		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-20

Lab Sample ID: 460-98740-7 Date Sampled: 07/27/2015 0905
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01898.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1556			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1556				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-26

Lab Sample ID: 460-98740-8 Date Sampled: 07/27/2015 1043
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01914.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2258			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2258				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.16	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-26

Lab Sample ID: 460-98740-8 Date Sampled: 07/27/2015 1043
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01914.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2258			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2258				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	97		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-26

Lab Sample ID: 460-98740-8 Date Sampled: 07/27/2015 1043
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01914.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2258			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2258				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-34

Lab Sample ID: 460-98740-9 Date Sampled: 07/27/2015 1234
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01893.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1351			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1351				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.55	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.31	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-34

Lab Sample ID: 460-98740-9 Date Sampled: 07/27/2015 1234
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01893.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1351			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1351				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene	104		64 - 135
Dibromofluoromethane (Surr)	104		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-34

Lab Sample ID: 460-98740-9 Date Sampled: 07/27/2015 1234
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01893.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1351			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1351				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-56

Lab Sample ID: 460-98740-10 Date Sampled: 07/27/2015 1405
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01894.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1416			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1416				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.27	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: **MW-56**

Lab Sample ID: 460-98740-10 Date Sampled: 07/27/2015 1405
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01894.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1416			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1416				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
4-Bromofluorobenzene	100		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	95		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-56

Lab Sample ID: 460-98740-10 Date Sampled: 07/27/2015 1405
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01894.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1416			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1416				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-6

Lab Sample ID: 460-98740-11 Date Sampled: 07/27/2015 1436
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01885.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1030			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.8		1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	4.2		0.21	1.0
m-Xylene & p-Xylene	0.38	J	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-6

Lab Sample ID: 460-98740-11 Date Sampled: 07/27/2015 1436
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01885.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1030			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	0.31	J	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene	104		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137
Toluene-d8 (Surr)	98		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-6

Lab Sample ID: 460-98740-11 Date Sampled: 07/27/2015 1436
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01885.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1030			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1030				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-54

Lab Sample ID: 460-98740-12 Date Sampled: 07/28/2015 0926
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01895.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1441			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.48	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.71	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-54

Lab Sample ID: 460-98740-12 Date Sampled: 07/28/2015 0926
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01895.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1441			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	105		64 - 135
Dibromofluoromethane (Surr)	104		72 - 137
Toluene-d8 (Surr)	97		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-54

Lab Sample ID: 460-98740-12 Date Sampled: 07/28/2015 0926
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01895.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1441			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1441				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-55

Lab Sample ID: 460-98740-13 Date Sampled: 07/28/2015 1045
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01896.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1506				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.6		1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.17	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-55

Lab Sample ID: 460-98740-13 Date Sampled: 07/28/2015 1045
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01896.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1506				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 130
4-Bromofluorobenzene	81		64 - 135
Dibromofluoromethane (Surr)	81		72 - 137
Toluene-d8 (Surr)	77		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-55

Lab Sample ID: 460-98740-13 Date Sampled: 07/28/2015 1045
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01896.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1506				

Tentatively Identified Compounds **Number TIC's Found: 1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
67-63-0	Isopropyl Alcohol	1.99	7.4	J N

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-51

Lab Sample ID: 460-98740-14 Date Sampled: 07/28/2015 1208
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01897.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1531				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.35	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-51

Lab Sample ID: 460-98740-14 Date Sampled: 07/28/2015 1208
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01897.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1531				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-51

Lab Sample ID: 460-98740-14 Date Sampled: 07/28/2015 1208
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01897.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1531				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-50

Lab Sample ID: 460-98740-15 Date Sampled: 07/28/2015 1334
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01902.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1736			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.1		0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	0.69	J	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	0.93	J	0.28	1.0
o-Xylene	4.9		0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.38	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-50

Lab Sample ID: 460-98740-15 Date Sampled: 07/28/2015 1334
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01902.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1736			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	94		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: MW-50

Lab Sample ID: 460-98740-15 Date Sampled: 07/28/2015 1334
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01902.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1736			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1736				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
95-63-6	Benzene, 1,2,4-trimethyl-	11.09	52	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.88	30	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.97	28	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.50	29	J N
767-58-8	Indan, 1-methyl-	12.87	36	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.92	46	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.92	62	J N
90-12-0	Naphthalene, 1-methyl-	14.59	75	J N
582-16-1	Naphthalene, 2,7-dimethyl-	15.22	43	J N
581-42-0	Naphthalene, 2,6-dimethyl-	15.31	69	J N

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-7

Lab Sample ID: 460-98740-16 Date Sampled: 07/28/2015 1406
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01886.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1055			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1055				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	0.12	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	4.0		0.21	1.0
m-Xylene & p-Xylene	0.44	J	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-7

Lab Sample ID: 460-98740-16 Date Sampled: 07/28/2015 1406
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01886.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1055			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1055				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	0.36	J	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	101		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	97		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: FB-7

Lab Sample ID: 460-98740-16 Date Sampled: 07/28/2015 1406
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01886.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1055			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1055				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-98740-17 Date Sampled: 07/28/2015 0000
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01887.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1120			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-98740-17 Date Sampled: 07/28/2015 0000
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01887.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1120			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
4-Bromofluorobenzene	100		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	95		70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-98740-17 Date Sampled: 07/28/2015 0000
Client Matrix: Water Date Received: 07/30/2015 1800

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P01887.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1120			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1120				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-98740-1	MW-19	98	97	93	101
460-98740-2	MW-08	102	97	99	105
460-98740-3	MW-08D	97	92	96	102
460-98740-4	MW-07	97	93	96	102
460-98740-5	MW-44	98	95	96	104
460-98740-6	FB-5	100	97	101	106
460-98740-7	MW-20	102	98	95	102
460-98740-8	MW-26	97	93	96	103
460-98740-9	MW-34	104	99	99	104
460-98740-10	MW-56	100	94	95	100
460-98740-11	FB-6	102	99	98	104
460-98740-12	MW-54	104	97	97	105
460-98740-13	MW-55	81	78	77	81
460-98740-14	MW-51	103	97	96	103
460-98740-15	MW-50	100	96	94	103
460-98740-16	FB-7	100	95	97	101
460-98740-17	Trip Blank	98	93	95	100
MB 460-313902/6		104	103	104	108
MB 460-313995/8		102	94	98	107
LCS 460-313902/3		96	96	98	105
LCS 460-313995/4		96	91	96	103
LCSD 460-313995/5		96	92	98	108
460-98740-C-3 MS		98	94	97	108
460-98740-C-3 MSD		96	92	95	105

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Client: New York State D.E.C. Job Number: 460-98740-1

Method Blank - Batch: 460-313902

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313902/6	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01883.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0940	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0940				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Method Blank - Batch: 460-313902

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313902/6	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01883.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0940	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0940				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	108	64 - 135
Dibromofluoromethane (Surr)	104	72 - 137
Toluene-d8 (Surr)	104	70 - 130

Method Blank TICs- Batch: 460-313902

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Control Sample - Batch: 460-313902

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-313902/3	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0824	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0824				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.9	99	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.9	130	60 - 144	
1,1,2-Trichloroethane	20.0	20.4	102	68 - 121	
1,1-Dichloroethane	20.0	18.4	92	75 - 126	
1,1-Dichloroethene	20.0	18.8	94	71 - 123	
1,2,3-Trichlorobenzene	20.0	20.8	104	72 - 135	
1,2,4-Trichlorobenzene	20.0	20.1	100	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	21.9	110	53 - 136	
1,2-Dichlorobenzene	20.0	19.7	99	81 - 120	
1,2-Dichloroethane	20.0	18.3	91	75 - 127	
1,2-Dichloropropane	20.0	19.7	98	70 - 120	
1,3-Dichlorobenzene	20.0	20.0	100	75 - 120	
1,4-Dichlorobenzene	20.0	19.6	98	75 - 120	
1,4-Dioxane	400	430	108	46 - 150	
2-Butanone (MEK)	100	84.6	85	52 - 140	
2-Hexanone	100	98.6	99	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	100	100	56 - 132	
Acetone	100	60.4	60	26 - 150	
Benzene	20.0	19.3	96	69 - 125	
Bromoform	20.0	19.7	99	50 - 134	
Bromomethane	20.0	14.2	71	27 - 150	
Carbon disulfide	20.0	17.1	86	61 - 126	
Carbon tetrachloride	20.0	20.8	104	58 - 150	
Chlorobenzene	20.0	19.7	98	77 - 120	
Chlorobromomethane	20.0	19.0	95	70 - 134	
Chlorodibromomethane	20.0	20.6	103	63 - 131	
Chloroethane	20.0	18.5	93	58 - 145	
Chloroform	20.0	19.7	98	81 - 122	
Chloromethane	20.0	15.3	77	43 - 145	
cis-1,2-Dichloroethene	20.0	19.1	95	78 - 121	
cis-1,3-Dichloropropene	20.0	19.7	99	71 - 120	
Cyclohexane	20.0	24.5	123	50 - 150	
Dichlorobromomethane	20.0	19.6	98	72 - 123	
Dichlorodifluoromethane	20.0	16.4	82	40 - 150	
Ethylbenzene	20.0	20.3	101	74 - 120	
Ethylene Dibromide	20.0	20.5	103	77 - 117	
Isopropylbenzene	20.0	21.9	110	74 - 127	
Methyl acetate	100	106	106	62 - 140	
Methyl tert-butyl ether	20.0	20.1	101	73 - 125	
Methylcyclohexane	20.0	23.1	115	50 - 150	
Methylene Chloride	20.0	19.0	95	76 - 123	
m-Xylene & p-Xylene	20.0	20.2	101	78 - 119	
o-Xylene	20.0	20.4	102	79 - 120	
Styrene	20.0	20.9	104	76 - 120	
Tetrachloroethene	20.0	20.9	105	70 - 136	

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Control Sample - Batch: 460-313902

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-313902/3	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 0824	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 0824				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	19.7	99	78 - 120	
trans-1,2-Dichloroethene	20.0	18.2	91	79 - 120	
trans-1,3-Dichloropropene	20.0	19.8	99	71 - 123	
Trichloroethene	20.0	19.6	98	74 - 120	
Trichlorofluoromethane	20.0	19.9	99	65 - 142	
Vinyl chloride	20.0	17.3	86	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
4-Bromofluorobenzene	105	64 - 135
Dibromofluoromethane (Surr)	96	72 - 137
Toluene-d8 (Surr)	98	70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313902

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98740-C-3 MS	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01903.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1801			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1801				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98740-C-3 MSD	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01904.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1826			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1826				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	100	95	73 - 134	5	30		
1,1,2,2-Tetrachloroethane	94	94	55 - 133	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	128	127	60 - 144	1	30		
1,1,2-Trichloroethane	96	95	68 - 121	1	30		
1,1-Dichloroethane	93	89	75 - 126	4	30		
1,1-Dichloroethene	99	94	71 - 123	5	30		
1,2,3-Trichlorobenzene	95	96	72 - 135	1	30		
1,2,4-Trichlorobenzene	96	94	76 - 129	2	30		
1,2-Dibromo-3-Chloropropane	93	95	53 - 136	2	30		
1,2-Dichlorobenzene	95	93	81 - 120	1	30		
1,2-Dichloroethane	87	88	75 - 127	0	30		
1,2-Dichloropropane	94	91	70 - 120	4	30		
1,3-Dichlorobenzene	98	95	75 - 120	3	30		
1,4-Dichlorobenzene	95	92	75 - 120	4	30		
1,4-Dioxane	97	50	46 - 150	64	30		*
2-Butanone (MEK)	84	84	52 - 140	1	30		
2-Hexanone	96	96	49 - 131	0	30		
4-Methyl-2-pentanone (MIBK)	99	98	56 - 132	2	30		
Acetone	62	60	26 - 150	3	30		
Benzene	93	90	69 - 125	3	30		
Bromoform	93	91	50 - 134	3	30		
Bromomethane	71	82	27 - 150	14	30		
Carbon disulfide	88	86	61 - 126	2	30		
Carbon tetrachloride	106	102	58 - 150	3	30		
Chlorobenzene	96	93	77 - 120	4	30		
Chlorobromomethane	99	96	70 - 134	3	30		
Chlorodibromomethane	96	93	63 - 131	3	30		
Chloroethane	96	93	58 - 145	4	30		
Chloroform	97	95	81 - 122	2	30		
Chloromethane	76	73	43 - 145	5	30		
cis-1,2-Dichloroethene	94	92	78 - 121	2	30		
cis-1,3-Dichloropropene	88	87	71 - 120	1	30		
Cyclohexane	123	119	50 - 150	3	30		

Client: New York State D.E.C. Job Number: 460-98740-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313902

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98740-C-3 MS	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01903.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1801			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1801				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98740-C-3 MSD	Analysis Batch:	460-313902	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01904.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 1826			Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 1826				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	95	94	72 - 123	1	30		
Dichlorodifluoromethane	90	92	40 - 150	2	30		
Ethylbenzene	100	93	74 - 120	7	30		
Ethylene Dibromide	97	94	77 - 117	4	30		
Isopropylbenzene	105	102	74 - 127	3	30		
Methyl acetate	79	81	62 - 140	2	30		
Methyl tert-butyl ether	98	96	73 - 125	2	30		
Methylcyclohexane	114	109	50 - 150	4	30		
Methylene Chloride	90	90	76 - 123	1	30		
m-Xylene & p-Xylene	97	94	78 - 119	3	30		
o-Xylene	99	96	79 - 120	4	30		
Styrene	101	97	76 - 120	4	30		
Tetrachloroethene	97	85	70 - 136	5	30		
Toluene	95	92	78 - 120	3	30		
trans-1,2-Dichloroethene	93	90	79 - 120	4	30		
trans-1,3-Dichloropropene	90	91	71 - 123	1	30		
Trichloroethene	99	93	74 - 120	5	30		
Trichlorofluoromethane	99	95	65 - 142	4	30		
Vinyl chloride	84	81	56 - 137	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	92	70 - 130
4-Bromofluorobenzene	108	105	64 - 135
Dibromofluoromethane (Surr)	98	96	72 - 137
Toluene-d8 (Surr)	97	95	70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313902

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98740-C-3 MS	Units: ug/L	MSD Lab Sample ID:	460-98740-C-3 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	07/31/2015 1801		Analysis Date:	07/31/2015 1826	
Prep Date:	07/31/2015 1801		Prep Date:	07/31/2015 1826	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	10	U	200	200	199	190	
1,1,2,2-Tetrachloroethane	10	U	200	200	187	188	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	200	200	256	255	
1,1,2-Trichloroethane	10	U	200	200	192	190	
1,1-Dichloroethane	10	U	200	200	186	179	
1,1-Dichloroethene	10	U	200	200	198	188	
1,2,3-Trichlorobenzene	10	U	200	200	190	191	
1,2,4-Trichlorobenzene	10	U	200	200	192	188	
1,2-Dibromo-3-Chloropropane	10	U	200	200	186	191	
1,2-Dichlorobenzene	10	U	200	200	189	187	
1,2-Dichloroethane	10	U	200	200	174	175	
1,2-Dichloropropane	10	U	200	200	189	181	
1,3-Dichlorobenzene	10	U	200	200	195	189	
1,4-Dichlorobenzene	10	U	200	200	191	184	
1,4-Dioxane	500	U	4000	4000	3890	2000	*
2-Butanone (MEK)	50	U	1000	1000	843	837	
2-Hexanone	50	U	1000	1000	956	958	
4-Methyl-2-pentanone (MIBK)	50	U	1000	1000	995	979	
Acetone	50	U	1000	1000	620	602	
Benzene	10	U	200	200	186	180	
Bromoform	10	U	200	200	186	181	
Bromomethane	10	U	200	200	143	164	
Carbon disulfide	10	U	200	200	176	172	
Carbon tetrachloride	10	U	200	200	211	204	
Chlorobenzene	10	U	200	200	192	185	
Chlorobromomethane	10	U	200	200	199	193	
Chlorodibromomethane	10	U	200	200	192	186	
Chloroethane	10	U	200	200	192	185	
Chloroform	10	U	200	200	194	190	
Chloromethane	10	U	200	200	153	146	
cis-1,2-Dichloroethene	12		200	200	201	197	
cis-1,3-Dichloropropene	10	U	200	200	176	174	
Cyclohexane	10	U	200	200	246	238	
Dichlorobromomethane	10	U	200	200	191	189	
Dichlorodifluoromethane	10	U	200	200	181	185	
Ethylbenzene	10	U	200	200	199	187	
Ethylene Dibromide	10	U	200	200	194	187	
Isopropylbenzene	10	U	200	200	210	204	
Methyl acetate	50	U	1000	1000	793	810	
Methyl tert-butyl ether	10	U	200	200	195	192	
Methylcyclohexane	10	U	200	200	227	219	
Methylene Chloride	10	U	200	200	179	181	
m-Xylene & p-Xylene	10	U	200	200	194	188	

Client: New York State D.E.C. Job Number: 460-98740-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-313902

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98740-C-3 MS	Units: ug/L	MSD Lab Sample ID:	460-98740-C-3 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	07/31/2015 1801		Analysis Date:	07/31/2015 1826	
Prep Date:	07/31/2015 1801		Prep Date:	07/31/2015 1826	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
o-Xylene	10	U	200	200	199	192
Styrene	10	U	200	200	202	194
Tetrachloroethene	310		200	200	508	484
Toluene	10	U	200	200	190	185
trans-1,2-Dichloroethene	10	U	200	200	186	179
trans-1,3-Dichloropropene	10	U	200	200	179	181
Trichloroethene	32		200	200	230	218
Trichlorofluoromethane	10	U	200	200	197	190
Vinyl chloride	10	U	200	200	168	163

Client: New York State D.E.C. Job Number: 460-98740-1

Method Blank - Batch: 460-313995

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313995/8	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01913.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2233	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2233				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98740-1

Method Blank - Batch: 460-313995

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-313995/8	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01913.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2233	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2233				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 130
4-Bromofluorobenzene	107	64 - 135
Dibromofluoromethane (Surr)	102	72 - 137
Toluene-d8 (Surr)	98	70 - 130

Method Blank TICs- Batch: 460-313995

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-313995

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313995/4	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01909.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2053	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2053				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-313995/5	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2118	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2118				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,1-Trichloroethane	87	100	73 - 134	14	30		
1,1,2,2-Tetrachloroethane	94	95	55 - 133	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	105	130	60 - 144	21	30		
1,1,2-Trichloroethane	95	98	68 - 121	3	30		
1,1-Dichloroethane	88	95	75 - 126	7	30		
1,1-Dichloroethene	82	97	71 - 123	17	30		
1,2,3-Trichlorobenzene	96	101	72 - 135	5	30		
1,2,4-Trichlorobenzene	96	101	76 - 129	5	30		
1,2-Dibromo-3-Chloropropane	92	94	53 - 136	2	30		
1,2-Dichlorobenzene	95	99	81 - 120	4	30		
1,2-Dichloroethane	88	91	75 - 127	3	30		
1,2-Dichloropropane	93	99	70 - 120	6	30		
1,3-Dichlorobenzene	98	102	75 - 120	5	30		
1,4-Dichlorobenzene	95	100	75 - 120	5	30		
1,4-Dioxane	115	102	46 - 150	12	30		
2-Butanone (MEK)	87	91	52 - 140	5	30		
2-Hexanone	102	103	49 - 131	2	30		
4-Methyl-2-pentanone (MIBK)	104	105	56 - 132	1	30		
Acetone	68	70	26 - 150	3	30		
Benzene	88	97	69 - 125	9	30		
Bromoform	93	97	50 - 134	4	30		
Bromomethane	125	133	27 - 150	6	30		
Carbon disulfide	80	91	61 - 126	13	30		
Carbon tetrachloride	88	104	58 - 150	16	30		
Chlorobenzene	93	98	77 - 120	6	30		
Chlorobromomethane	97	101	70 - 134	5	30		
Chlorodibromomethane	97	101	63 - 131	4	30		
Chloroethane	97	101	58 - 145	3	30		
Chloroform	95	99	81 - 122	4	30		
Chloromethane	70	71	43 - 145	2	30		
cis-1,2-Dichloroethene	92	99	78 - 121	7	30		
cis-1,3-Dichloropropene	97	99	71 - 120	2	30		
Cyclohexane	99	121	50 - 150	21	30		
Dichlorobromomethane	97	99	72 - 123	3	30		
Dichlorodifluoromethane	70	76	40 - 150	9	30		
Ethylbenzene	93	104	74 - 120	12	30		

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-313995

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313995/4	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01909.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2053	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2053				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-313995/5	Analysis Batch:	460-313995	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P01910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/31/2015 2118	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/31/2015 2118				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylene Dibromide	93	98	77 - 117	5	30		
Isopropylbenzene	97	109	74 - 127	12	30		
Methyl acetate	77	75	62 - 140	2	30		
Methyl tert-butyl ether	95	98	73 - 125	3	30		
Methylcyclohexane	94	114	50 - 150	20	30		
Methylene Chloride	93	99	76 - 123	6	30		
m-Xylene & p-Xylene	93	102	78 - 119	9	30		
o-Xylene	97	104	79 - 120	7	30		
Styrene	99	106	76 - 120	7	30		
Tetrachloroethene	89	104	70 - 136	16	30		
Toluene	90	99	78 - 120	10	30		
trans-1,2-Dichloroethene	85	95	79 - 120	11	30		
trans-1,3-Dichloropropene	94	98	71 - 123	5	30		
Trichloroethene	89	101	74 - 120	13	30		
Trichlorofluoromethane	88	93	65 - 142	6	30		
Vinyl chloride	74	82	56 - 137	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	92	70 - 130
4-Bromofluorobenzene	103	108	64 - 135
Dibromofluoromethane (Surr)	96	96	72 - 137
Toluene-d8 (Surr)	96	98	70 - 130

Client: New York State D.E.C. Job Number: 460-98740-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-313995

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313995/4	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-313995/5
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	07/31/2015 2053		Analysis Date:	07/31/2015 2118
Prep Date:	07/31/2015 2053		Prep Date:	07/31/2015 2118
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1,1-Trichloroethane	20.0	20.0	17.4	20.1
1,1,2,2-Tetrachloroethane	20.0	20.0	18.9	18.9
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	21.0	26.1
1,1,2-Trichloroethane	20.0	20.0	19.0	19.6
1,1-Dichloroethane	20.0	20.0	17.6	19.0
1,1-Dichloroethene	20.0	20.0	16.3	19.5
1,2,3-Trichlorobenzene	20.0	20.0	19.1	20.2
1,2,4-Trichlorobenzene	20.0	20.0	19.2	20.2
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.4	18.8
1,2-Dichlorobenzene	20.0	20.0	19.0	19.9
1,2-Dichloroethane	20.0	20.0	17.7	18.2
1,2-Dichloropropane	20.0	20.0	18.6	19.8
1,3-Dichlorobenzene	20.0	20.0	19.5	20.5
1,4-Dichlorobenzene	20.0	20.0	18.9	20.0
1,4-Dioxane	400	400	459	408
2-Butanone (MEK)	100	100	86.9	91.3
2-Hexanone	100	100	102	103
4-Methyl-2-pentanone (MIBK)	100	100	104	105
Acetone	100	100	67.6	69.6
Benzene	20.0	20.0	17.6	19.4
Bromoform	20.0	20.0	18.5	19.3
Bromomethane	20.0	20.0	25.0	26.5
Carbon disulfide	20.0	20.0	15.9	18.2
Carbon tetrachloride	20.0	20.0	17.7	20.7
Chlorobenzene	20.0	20.0	18.6	19.6
Chlorobromomethane	20.0	20.0	19.3	20.2
Chlorodibromomethane	20.0	20.0	19.3	20.2
Chloroethane	20.0	20.0	19.5	20.1
Chloroform	20.0	20.0	19.0	19.9
Chloromethane	20.0	20.0	14.0	14.3
cis-1,2-Dichloroethene	20.0	20.0	18.5	19.8
cis-1,3-Dichloropropene	20.0	20.0	19.3	19.8
Cyclohexane	20.0	20.0	19.7	24.3
Dichlorobromomethane	20.0	20.0	19.4	19.9
Dichlorodifluoromethane	20.0	20.0	14.0	15.3
Ethylbenzene	20.0	20.0	18.6	20.8
Ethylene Dibromide	20.0	20.0	18.7	19.7
Isopropylbenzene	20.0	20.0	19.4	21.9
Methyl acetate	100	100	77.2	75.4

Client: New York State D.E.C. Job Number: 460-98740-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-313995

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-313995/4	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-313995/5
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	07/31/2015 2053		Analysis Date:	07/31/2015 2118
Prep Date:	07/31/2015 2053		Prep Date:	07/31/2015 2118
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Methyl tert-butyl ether	20.0	20.0	19.1	19.6
Methylcyclohexane	20.0	20.0	18.7	22.8
Methylene Chloride	20.0	20.0	18.6	19.8
m-Xylene & p-Xylene	20.0	20.0	18.6	20.4
o-Xylene	20.0	20.0	19.4	20.7
Styrene	20.0	20.0	19.8	21.2
Tetrachloroethene	20.0	20.0	17.9	20.9
Toluene	20.0	20.0	18.0	19.9
trans-1,2-Dichloroethene	20.0	20.0	17.1	19.0
trans-1,3-Dichloropropene	20.0	20.0	18.7	19.7
Trichloroethene	20.0	20.0	17.8	20.3
Trichlorofluoromethane	20.0	20.0	17.6	18.7
Vinyl chloride	20.0	20.0	14.9	16.5

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 460-98740-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	N	This flag indicates the presumptive evidence of a compound.

Client: New York State D.E.C. Job Number: 460-98740-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-313902					
LCS 460-313902/3	Lab Control Sample	T	Water	8260C	
MB 460-313902/6	Method Blank	T	Water	8260C	
460-98740-1	MW-19	T	Water	8260C	
460-98740-2	MW-08	T	Water	8260C	
460-98740-C-3 MS	Matrix Spike	T	Water	8260C	
460-98740-C-3 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-98740-6	FB-5	T	Water	8260C	
460-98740-7	MW-20	T	Water	8260C	
460-98740-9	MW-34	T	Water	8260C	
460-98740-10	MW-56	T	Water	8260C	
460-98740-11	FB-6	T	Water	8260C	
460-98740-12	MW-54	T	Water	8260C	
460-98740-13	MW-55	T	Water	8260C	
460-98740-14	MW-51	T	Water	8260C	
460-98740-15	MW-50	T	Water	8260C	
460-98740-16	FB-7	T	Water	8260C	
460-98740-17	Trip Blank	T	Water	8260C	
Analysis Batch:460-313995					
LCS 460-313995/4	Lab Control Sample	T	Water	8260C	
LCSD 460-313995/5	Lab Control Sample Duplicate	T	Water	8260C	
MB 460-313995/8	Method Blank	T	Water	8260C	
460-98740-3	MW-08D	T	Water	8260C	
460-98740-4	MW-07	T	Water	8260C	
460-98740-5	MW-44	T	Water	8260C	
460-98740-8	MW-26	T	Water	8260C	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-98740-1

Laboratory Chronicle

Lab ID: 460-98740-1 **Client ID: MW-19**

Sample Date/Time: 07/24/2015 09:18 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-1		460-313902		07/31/2015 11:45	1	TAL EDI	MZS
A:8260C	460-98740-B-1		460-313902		07/31/2015 11:45	1	TAL EDI	MZS

Lab ID: 460-98740-2 **Client ID: MW-08**

Sample Date/Time: 07/24/2015 10:44 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-2		460-313902		07/31/2015 12:10	1	TAL EDI	MZS
A:8260C	460-98740-B-2		460-313902		07/31/2015 12:10	1	TAL EDI	MZS

Lab ID: 460-98740-3 **Client ID: MW-08D**

Sample Date/Time: 07/24/2015 11:48 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-3		460-313995		08/01/2015 00:13	1	TAL EDI	MZS
A:8260C	460-98740-B-3		460-313995		08/01/2015 00:13	1	TAL EDI	MZS

Lab ID: 460-98740-4 **Client ID: MW-07**

Sample Date/Time: 07/24/2015 13:05 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-C-4		460-313995		07/31/2015 23:48	1	TAL EDI	MZS
A:8260C	460-98740-C-4		460-313995		07/31/2015 23:48	1	TAL EDI	MZS

Lab ID: 460-98740-5 **Client ID: MW-44**

Sample Date/Time: 07/24/2015 14:06 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-C-5		460-313995		07/31/2015 23:23	1	TAL EDI	MZS
A:8260C	460-98740-C-5		460-313995		07/31/2015 23:23	1	TAL EDI	MZS

Lab ID: 460-98740-6 **Client ID: FB-5**

Sample Date/Time: 07/24/2015 14:25 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-A-6		460-313902		07/31/2015 10:05	1	TAL EDI	MZS
A:8260C	460-98740-A-6		460-313902		07/31/2015 10:05	1	TAL EDI	MZS

Client: New York State D.E.C. Job Number: 460-98740-1

Laboratory Chronicle

Lab ID: 460-98740-7 **Client ID: MW-20**

Sample Date/Time: 07/27/2015 09:05 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-7		460-313902		07/31/2015 15:56	1	TAL EDI	MZS
A:8260C	460-98740-B-7		460-313902		07/31/2015 15:56	1	TAL EDI	MZS

Lab ID: 460-98740-8 **Client ID: MW-26**

Sample Date/Time: 07/27/2015 10:43 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-C-8		460-313995		07/31/2015 22:58	1	TAL EDI	MZS
A:8260C	460-98740-C-8		460-313995		07/31/2015 22:58	1	TAL EDI	MZS

Lab ID: 460-98740-9 **Client ID: MW-34**

Sample Date/Time: 07/27/2015 12:34 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-9		460-313902		07/31/2015 13:51	1	TAL EDI	MZS
A:8260C	460-98740-B-9		460-313902		07/31/2015 13:51	1	TAL EDI	MZS

Lab ID: 460-98740-10 **Client ID: MW-56**

Sample Date/Time: 07/27/2015 14:05 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-10		460-313902		07/31/2015 14:16	1	TAL EDI	MZS
A:8260C	460-98740-B-10		460-313902		07/31/2015 14:16	1	TAL EDI	MZS

Lab ID: 460-98740-11 **Client ID: FB-6**

Sample Date/Time: 07/27/2015 14:36 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-11		460-313902		07/31/2015 10:30	1	TAL EDI	MZS
A:8260C	460-98740-B-11		460-313902		07/31/2015 10:30	1	TAL EDI	MZS

Lab ID: 460-98740-12 **Client ID: MW-54**

Sample Date/Time: 07/28/2015 09:26 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-12		460-313902		07/31/2015 14:41	1	TAL EDI	MZS
A:8260C	460-98740-B-12		460-313902		07/31/2015 14:41	1	TAL EDI	MZS

Client: New York State D.E.C. Job Number: 460-98740-1

Laboratory Chronicle

Lab ID: 460-98740-13 **Client ID: MW-55**

Sample Date/Time: 07/28/2015 10:45 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-13		460-313902		07/31/2015 15:06	1	TAL EDI	MZS
A:8260C	460-98740-B-13		460-313902		07/31/2015 15:06	1	TAL EDI	MZS

Lab ID: 460-98740-14 **Client ID: MW-51**

Sample Date/Time: 07/28/2015 12:08 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-14		460-313902		07/31/2015 15:31	1	TAL EDI	MZS
A:8260C	460-98740-B-14		460-313902		07/31/2015 15:31	1	TAL EDI	MZS

Lab ID: 460-98740-15 **Client ID: MW-50**

Sample Date/Time: 07/28/2015 13:34 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-15		460-313902		07/31/2015 17:36	1	TAL EDI	MZS
A:8260C	460-98740-B-15		460-313902		07/31/2015 17:36	1	TAL EDI	MZS

Lab ID: 460-98740-16 **Client ID: FB-7**

Sample Date/Time: 07/28/2015 14:06 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-B-16		460-313902		07/31/2015 10:55	1	TAL EDI	MZS
A:8260C	460-98740-B-16		460-313902		07/31/2015 10:55	1	TAL EDI	MZS

Lab ID: 460-98740-17 **Client ID: Trip Blank**

Sample Date/Time: 07/28/2015 00:00 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-A-17		460-313902		07/31/2015 11:20	1	TAL EDI	MZS
A:8260C	460-98740-A-17		460-313902		07/31/2015 11:20	1	TAL EDI	MZS

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 460-313902/6		460-313902		07/31/2015 09:40	1	TAL EDI	MZS
A:8260C	MB 460-313902/6		460-313902		07/31/2015 09:40	1	TAL EDI	MZS
P:5030C	MB 460-313995/8		460-313995		07/31/2015 22:33	1	TAL EDI	MZS
A:8260C	MB 460-313995/8		460-313995		07/31/2015 22:33	1	TAL EDI	MZS

Client: New York State D.E.C. Job Number: 460-98740-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 460-313902/3		460-313902		07/31/2015 08:24	1	TAL EDI	MZS
A:8260C	LCS 460-313902/3		460-313902		07/31/2015 08:24	1	TAL EDI	MZS
P:5030C	LCS 460-313995/4		460-313995		07/31/2015 20:53	1	TAL EDI	MZS
A:8260C	LCS 460-313995/4		460-313995		07/31/2015 20:53	1	TAL EDI	MZS

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCSD 460-313995/5		460-313995		07/31/2015 21:18	1	TAL EDI	MZS
A:8260C	LCSD 460-313995/5		460-313995		07/31/2015 21:18	1	TAL EDI	MZS

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 07/24/2015 11:48 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-C-3 MS		460-313902		07/31/2015 18:01	10	TAL EDI	MZS
A:8260C	460-98740-C-3 MS		460-313902		07/31/2015 18:01	10	TAL EDI	MZS

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 07/24/2015 11:48 Received Date/Time: 07/30/2015 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98740-C-3 MSD		460-313902		07/31/2015 18:26	10	TAL EDI	MZS
A:8260C	460-98740-C-3 MSD		460-313902		07/31/2015 18:26	10	TAL EDI	MZS

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-19	460-98740-1	98	97	93	101
MW-08	460-98740-2	102	97	99	105
MW-08D	460-98740-3	97	92	96	102
MW-07	460-98740-4	97	93	96	102
MW-44	460-98740-5	98	95	96	104
FB-5	460-98740-6	100	97	101	106
MW-20	460-98740-7	102	98	95	102
MW-26	460-98740-8	97	93	96	103
MW-34	460-98740-9	104	99	99	104
MW-56	460-98740-10	100	94	95	100
FB-6	460-98740-11	102	99	98	104
MW-54	460-98740-12	104	97	97	105
MW-55	460-98740-13	81	78	77	81
MW-51	460-98740-14	103	97	96	103
MW-50	460-98740-15	100	96	94	103
FB-7	460-98740-16	100	95	97	101
Trip Blank	460-98740-17	98	93	95	100
	MB 460-313902/6	104	103	104	108
	MB 460-313995/8	102	94	98	107
	LCS 460-313902/3	96	96	98	105
	LCS 460-313995/4	96	91	96	103
	LCSD 460-313995/5	96	92	98	108
	460-98740-C-3 MS	98	94	97	108
	460-98740-C-3 MSD	96	92	95	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01880.D

Lab ID: LCS 460-313902/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.9	99	73-134	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.9	130	60-144	
1,1,2-Trichloroethane	20.0	20.4	102	68-121	
1,1-Dichloroethane	20.0	18.4	92	75-126	
1,1-Dichloroethene	20.0	18.8	94	71-123	
1,2,3-Trichlorobenzene	20.0	20.8	104	72-135	
1,2,4-Trichlorobenzene	20.0	20.1	100	76-129	
1,2-Dibromo-3-Chloropropane	20.0	21.9	110	53-136	
1,2-Dichlorobenzene	20.0	19.7	99	81-120	
1,2-Dichloroethane	20.0	18.3	91	75-127	
1,2-Dichloropropane	20.0	19.7	98	70-120	
1,3-Dichlorobenzene	20.0	20.0	100	75-120	
1,4-Dichlorobenzene	20.0	19.6	98	75-120	
1,4-Dioxane	400	430	108	46-150	
2-Butanone (MEK)	100	84.6	85	52-140	
2-Hexanone	100	98.6	99	49-131	
4-Methyl-2-pentanone (MIBK)	100	100	100	56-132	
Acetone	100	60.4	60	26-150	
Benzene	20.0	19.3	96	69-125	
Bromoform	20.0	19.7	99	50-134	
Bromomethane	20.0	14.2	71	27-150	
Carbon disulfide	20.0	17.1	86	61-126	
Carbon tetrachloride	20.0	20.8	104	58-150	
Chlorobenzene	20.0	19.7	98	77-120	
Chlorobromomethane	20.0	19.0	95	70-134	
Chlorodibromomethane	20.0	20.6	103	63-131	
Chloroethane	20.0	18.5	93	58-145	
Chloroform	20.0	19.7	98	81-122	
Chloromethane	20.0	15.3	77	43-145	
cis-1,2-Dichloroethene	20.0	19.1	95	78-121	
cis-1,3-Dichloropropene	20.0	19.7	99	71-120	
Cyclohexane	20.0	24.5	123	50-150	
Dichlorobromomethane	20.0	19.6	98	72-123	
Dichlorodifluoromethane	20.0	16.4	82	40-150	
Ethylbenzene	20.0	20.3	101	74-120	
Ethylene Dibromide	20.0	20.5	103	77-117	
Isopropylbenzene	20.0	21.9	110	74-127	
Methyl acetate	100	106	106	62-140	
Methyl tert-butyl ether	20.0	20.1	101	73-125	
Methylcyclohexane	20.0	23.1	115	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01880.D

Lab ID: LCS 460-313902/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	19.0	95	76-123	
m-Xylene & p-Xylene	20.0	20.2	101	78-119	
o-Xylene	20.0	20.4	102	79-120	
Styrene	20.0	20.9	104	76-120	
Tetrachloroethene	20.0	20.9	105	70-136	
Toluene	20.0	19.7	99	78-120	
trans-1,2-Dichloroethene	20.0	18.2	91	79-120	
trans-1,3-Dichloropropene	20.0	19.8	99	71-123	
Trichloroethene	20.0	19.6	98	74-120	
Trichlorofluoromethane	20.0	19.9	99	65-142	
Vinyl chloride	20.0	17.3	86	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01909.D

Lab ID: LCS 460-313995/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.4	87	73-134	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.0	105	60-144	
1,1,2-Trichloroethane	20.0	19.0	95	68-121	
1,1-Dichloroethane	20.0	17.6	88	75-126	
1,1-Dichloroethene	20.0	16.3	82	71-123	
1,2,3-Trichlorobenzene	20.0	19.1	96	72-135	
1,2,4-Trichlorobenzene	20.0	19.2	96	76-129	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	53-136	
1,2-Dichlorobenzene	20.0	19.0	95	81-120	
1,2-Dichloroethane	20.0	17.7	88	75-127	
1,2-Dichloropropane	20.0	18.6	93	70-120	
1,3-Dichlorobenzene	20.0	19.5	98	75-120	
1,4-Dichlorobenzene	20.0	18.9	95	75-120	
1,4-Dioxane	400	459	115	46-150	
2-Butanone (MEK)	100	86.9	87	52-140	
2-Hexanone	100	102	102	49-131	
4-Methyl-2-pentanone (MIBK)	100	104	104	56-132	
Acetone	100	67.6	68	26-150	
Benzene	20.0	17.6	88	69-125	
Bromoform	20.0	18.5	93	50-134	
Bromomethane	20.0	25.0	125	27-150	
Carbon disulfide	20.0	15.9	80	61-126	
Carbon tetrachloride	20.0	17.7	88	58-150	
Chlorobenzene	20.0	18.6	93	77-120	
Chlorobromomethane	20.0	19.3	97	70-134	
Chlorodibromomethane	20.0	19.3	97	63-131	
Chloroethane	20.0	19.5	97	58-145	
Chloroform	20.0	19.0	95	81-122	
Chloromethane	20.0	14.0	70	43-145	
cis-1,2-Dichloroethene	20.0	18.5	92	78-121	
cis-1,3-Dichloropropene	20.0	19.3	97	71-120	
Cyclohexane	20.0	19.7	99	50-150	
Dichlorobromomethane	20.0	19.4	97	72-123	
Dichlorodifluoromethane	20.0	14.0	70	40-150	
Ethylbenzene	20.0	18.6	93	74-120	
Ethylene Dibromide	20.0	18.7	93	77-117	
Isopropylbenzene	20.0	19.4	97	74-127	
Methyl acetate	100	77.2	77	62-140	
Methyl tert-butyl ether	20.0	19.1	95	73-125	
Methylcyclohexane	20.0	18.7	94	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01909.D

Lab ID: LCS 460-313995/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	18.6	93	76-123	
m-Xylene & p-Xylene	20.0	18.6	93	78-119	
o-Xylene	20.0	19.4	97	79-120	
Styrene	20.0	19.8	99	76-120	
Tetrachloroethene	20.0	17.9	89	70-136	
Toluene	20.0	18.0	90	78-120	
trans-1,2-Dichloroethene	20.0	17.1	85	79-120	
trans-1,3-Dichloropropene	20.0	18.7	94	71-123	
Trichloroethene	20.0	17.8	89	74-120	
Trichlorofluoromethane	20.0	17.6	88	65-142	
Vinyl chloride	20.0	14.9	74	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01910.D

Lab ID: LCSD 460-313995/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.1	100	14	30	73-134	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	0	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	26.1	130	21	30	60-144	
1,1,2-Trichloroethane	20.0	19.6	98	3	30	68-121	
1,1-Dichloroethane	20.0	19.0	95	7	30	75-126	
1,1-Dichloroethene	20.0	19.5	97	17	30	71-123	
1,2,3-Trichlorobenzene	20.0	20.2	101	5	30	72-135	
1,2,4-Trichlorobenzene	20.0	20.2	101	5	30	76-129	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	2	30	53-136	
1,2-Dichlorobenzene	20.0	19.9	99	4	30	81-120	
1,2-Dichloroethane	20.0	18.2	91	3	30	75-127	
1,2-Dichloropropane	20.0	19.8	99	6	30	70-120	
1,3-Dichlorobenzene	20.0	20.5	102	5	30	75-120	
1,4-Dichlorobenzene	20.0	20.0	100	5	30	75-120	
1,4-Dioxane	400	408	102	12	30	46-150	
2-Butanone (MEK)	100	91.3	91	5	30	52-140	
2-Hexanone	100	103	103	2	30	49-131	
4-Methyl-2-pentanone (MIBK)	100	105	105	1	30	56-132	
Acetone	100	69.6	70	3	30	26-150	
Benzene	20.0	19.4	97	9	30	69-125	
Bromoform	20.0	19.3	97	4	30	50-134	
Bromomethane	20.0	26.5	133	6	30	27-150	
Carbon disulfide	20.0	18.2	91	13	30	61-126	
Carbon tetrachloride	20.0	20.7	104	16	30	58-150	
Chlorobenzene	20.0	19.6	98	6	30	77-120	
Chlorobromomethane	20.0	20.2	101	5	30	70-134	
Chlorodibromomethane	20.0	20.2	101	4	30	63-131	
Chloroethane	20.0	20.1	101	3	30	58-145	
Chloroform	20.0	19.9	99	4	30	81-122	
Chloromethane	20.0	14.3	71	2	30	43-145	
cis-1,2-Dichloroethene	20.0	19.8	99	7	30	78-121	
cis-1,3-Dichloropropene	20.0	19.8	99	2	30	71-120	
Cyclohexane	20.0	24.3	121	21	30	50-150	
Dichlorobromomethane	20.0	19.9	99	3	30	72-123	
Dichlorodifluoromethane	20.0	15.3	76	9	30	40-150	
Ethylbenzene	20.0	20.8	104	12	30	74-120	
Ethylene Dibromide	20.0	19.7	98	5	30	77-117	
Isopropylbenzene	20.0	21.9	109	12	30	74-127	
Methyl acetate	100	75.4	75	2	30	62-140	
Methyl tert-butyl ether	20.0	19.6	98	3	30	73-125	
Methylcyclohexane	20.0	22.8	114	20	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01910.D

Lab ID: LCSD 460-313995/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	20.0	19.8	99	6	30	76-123	
m-Xylene & p-Xylene	20.0	20.4	102	9	30	78-119	
o-Xylene	20.0	20.7	104	7	30	79-120	
Styrene	20.0	21.2	106	7	30	76-120	
Tetrachloroethene	20.0	20.9	104	16	30	70-136	
Toluene	20.0	19.9	99	10	30	78-120	
trans-1,2-Dichloroethene	20.0	19.0	95	11	30	79-120	
trans-1,3-Dichloropropene	20.0	19.7	98	5	30	71-123	
Trichloroethene	20.0	20.3	101	13	30	74-120	
Trichlorofluoromethane	20.0	18.7	93	6	30	65-142	
Vinyl chloride	20.0	16.5	82	10	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01903.D

Lab ID: 460-98740-C-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	10 U	199	100	73-134	
1,1,2,2-Tetrachloroethane	200	10 U	187	94	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	10 U	256	128	60-144	
1,1,2-Trichloroethane	200	10 U	192	96	68-121	
1,1-Dichloroethane	200	10 U	186	93	75-126	
1,1-Dichloroethene	200	10 U	198	99	71-123	
1,2,3-Trichlorobenzene	200	10 U	190	95	72-135	
1,2,4-Trichlorobenzene	200	10 U	192	96	76-129	
1,2-Dibromo-3-Chloropropane	200	10 U	186	93	53-136	
1,2-Dichlorobenzene	200	10 U	189	95	81-120	
1,2-Dichloroethane	200	10 U	174	87	75-127	
1,2-Dichloropropane	200	10 U	189	94	70-120	
1,3-Dichlorobenzene	200	10 U	195	98	75-120	
1,4-Dichlorobenzene	200	10 U	191	95	75-120	
1,4-Dioxane	4000	500 U	3890	97	46-150	
2-Butanone (MEK)	1000	50 U	843	84	52-140	
2-Hexanone	1000	50 U	956	96	49-131	
4-Methyl-2-pentanone (MIBK)	1000	50 U	995	99	56-132	
Acetone	1000	50 U	620	62	26-150	
Benzene	200	10 U	186	93	69-125	
Bromoform	200	10 U	186	93	50-134	
Bromomethane	200	10 U	143	71	27-150	
Carbon disulfide	200	10 U	176	88	61-126	
Carbon tetrachloride	200	10 U	211	106	58-150	
Chlorobenzene	200	10 U	192	96	77-120	
Chlorobromomethane	200	10 U	199	99	70-134	
Chlorodibromomethane	200	10 U	192	96	63-131	
Chloroethane	200	10 U	192	96	58-145	
Chloroform	200	10 U	194	97	81-122	
Chloromethane	200	10 U	153	76	43-145	
cis-1,2-Dichloroethene	200	12	201	94	78-121	
cis-1,3-Dichloropropene	200	10 U	176	88	71-120	
Cyclohexane	200	10 U	246	123	50-150	
Dichlorobromomethane	200	10 U	191	95	72-123	
Dichlorodifluoromethane	200	10 U	181	90	40-150	
Ethylbenzene	200	10 U	199	100	74-120	
Ethylene Dibromide	200	10 U	194	97	77-117	
Isopropylbenzene	200	10 U	210	105	74-127	
Methyl acetate	1000	50 U	793	79	62-140	
Methyl tert-butyl ether	200	10 U	195	98	73-125	
Methylcyclohexane	200	10 U	227	114	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01903.D

Lab ID: 460-98740-C-3 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	200	10 U	179	90	76-123	
m-Xylene & p-Xylene	200	10 U	194	97	78-119	
o-Xylene	200	10 U	199	99	79-120	
Styrene	200	10 U	202	101	76-120	
Tetrachloroethene	200	310	508	97	70-136	
Toluene	200	10 U	190	95	78-120	
trans-1,2-Dichloroethene	200	10 U	186	93	79-120	
trans-1,3-Dichloropropene	200	10 U	179	90	71-123	
Trichloroethene	200	32	230	99	74-120	
Trichlorofluoromethane	200	10 U	197	99	65-142	
Vinyl chloride	200	10 U	168	84	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01904.D

Lab ID: 460-98740-C-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	200	190	95	5	30	73-134	
1,1,2,2-Tetrachloroethane	200	188	94	0	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	255	127	1	30	60-144	
1,1,2-Trichloroethane	200	190	95	1	30	68-121	
1,1-Dichloroethane	200	179	89	4	30	75-126	
1,1-Dichloroethene	200	188	94	5	30	71-123	
1,2,3-Trichlorobenzene	200	191	96	1	30	72-135	
1,2,4-Trichlorobenzene	200	188	94	2	30	76-129	
1,2-Dibromo-3-Chloropropane	200	191	95	2	30	53-136	
1,2-Dichlorobenzene	200	187	93	1	30	81-120	
1,2-Dichloroethane	200	175	88	0	30	75-127	
1,2-Dichloropropane	200	181	91	4	30	70-120	
1,3-Dichlorobenzene	200	189	95	3	30	75-120	
1,4-Dichlorobenzene	200	184	92	4	30	75-120	
1,4-Dioxane	4000	2000	50	64	30	46-150	*
2-Butanone (MEK)	1000	837	84	1	30	52-140	
2-Hexanone	1000	958	96	0	30	49-131	
4-Methyl-2-pentanone (MIBK)	1000	979	98	2	30	56-132	
Acetone	1000	602	60	3	30	26-150	
Benzene	200	180	90	3	30	69-125	
Bromoform	200	181	91	3	30	50-134	
Bromomethane	200	164	82	14	30	27-150	
Carbon disulfide	200	172	86	2	30	61-126	
Carbon tetrachloride	200	204	102	3	30	58-150	
Chlorobenzene	200	185	93	4	30	77-120	
Chlorobromomethane	200	193	96	3	30	70-134	
Chlorodibromomethane	200	186	93	3	30	63-131	
Chloroethane	200	185	93	4	30	58-145	
Chloroform	200	190	95	2	30	81-122	
Chloromethane	200	146	73	5	30	43-145	
cis-1,2-Dichloroethene	200	197	92	2	30	78-121	
cis-1,3-Dichloropropene	200	174	87	1	30	71-120	
Cyclohexane	200	238	119	3	30	50-150	
Dichlorobromomethane	200	189	94	1	30	72-123	
Dichlorodifluoromethane	200	185	92	2	30	40-150	
Ethylbenzene	200	187	93	7	30	74-120	
Ethylene Dibromide	200	187	94	4	30	77-117	
Isopropylbenzene	200	204	102	3	30	74-127	
Methyl acetate	1000	810	81	2	30	62-140	
Methyl tert-butyl ether	200	192	96	2	30	73-125	
Methylcyclohexane	200	219	109	4	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P01904.D

Lab ID: 460-98740-C-3 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	200	181	90	1	30	76-123	
m-Xylene & p-Xylene	200	188	94	3	30	78-119	
o-Xylene	200	192	96	4	30	79-120	
Styrene	200	194	97	4	30	76-120	
Tetrachloroethene	200	484	85	5	30	70-136	
Toluene	200	185	92	3	30	78-120	
trans-1,2-Dichloroethene	200	179	90	4	30	79-120	
trans-1,3-Dichloropropene	200	181	91	1	30	71-123	
Trichloroethene	200	218	93	5	30	74-120	
Trichlorofluoromethane	200	190	95	4	30	65-142	
Vinyl chloride	200	163	81	3	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab File ID: P01883.D Lab Sample ID: MB 460-313902/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 07/31/2015 09:40

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-313902/3	P01880.D	07/31/2015 08:24
FB-5	460-98740-6	P01884.D	07/31/2015 10:05
FB-6	460-98740-11	P01885.D	07/31/2015 10:30
FB-7	460-98740-16	P01886.D	07/31/2015 10:55
Trip Blank	460-98740-17	P01887.D	07/31/2015 11:20
MW-19	460-98740-1	P01888.D	07/31/2015 11:45
MW-08	460-98740-2	P01889.D	07/31/2015 12:10
MW-34	460-98740-9	P01893.D	07/31/2015 13:51
MW-56	460-98740-10	P01894.D	07/31/2015 14:16
MW-54	460-98740-12	P01895.D	07/31/2015 14:41
MW-55	460-98740-13	P01896.D	07/31/2015 15:06
MW-51	460-98740-14	P01897.D	07/31/2015 15:31
MW-20	460-98740-7	P01898.D	07/31/2015 15:56
MW-50	460-98740-15	P01902.D	07/31/2015 17:36
	460-98740-C-3 MS	P01903.D	07/31/2015 18:01
	460-98740-C-3 MSD	P01904.D	07/31/2015 18:26

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab File ID: P01913.D Lab Sample ID: MB 460-313995/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 07/31/2015 22:33

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-313995/4	P01909.D	07/31/2015 20:53
	LCSD 460-313995/5	P01910.D	07/31/2015 21:18
MW-26	460-98740-8	P01914.D	07/31/2015 22:58
MW-44	460-98740-5	P01915.D	07/31/2015 23:23
MW-07	460-98740-4	P01916.D	07/31/2015 23:48
MW-08D	460-98740-3	P01917.D	08/01/2015 00:13

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab File ID: P01801.D BFB Injection Date: 07/29/2015

Instrument ID: CVOAMS13 BFB Injection Time: 13:17

Analysis Batch No.: 313467

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	91.3	
175	5.0 - 9.0 % of mass 174	7.3	(8.0)1
176	95.0 - 101.0 % of mass 174	89.8	(98.3)1
177	5.0 - 9.0 % of mass 176	6.3	(7.0)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
	STD05 460-313467/3	P01803.D	07/29/2015	14:10
	STD5 460-313467/5	P01805.D	07/29/2015	15:00
	STD20 460-313467/6	P01806.D	07/29/2015	15:26
	STD50 460-313467/7	P01807.D	07/29/2015	15:51
	STD200 460-313467/8	P01808.D	07/29/2015	16:16
	STD500 460-313467/9	P01809.D	07/29/2015	16:41
	STD8 460-313467/12	P01812.D	07/29/2015	17:56
	STD1 460-313467/17	P01817.D	07/29/2015	20:18

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab File ID: P01878.D BFB Injection Date: 07/31/2015

Instrument ID: CVOAMS13 BFB Injection Time: 07:44

Analysis Batch No.: 313902

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	46.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	97.9	
175	5.0 - 9.0 % of mass 174	8.0	(8.1)1
176	95.0 - 101.0 % of mass 174	93.8	(95.8)1
177	5.0 - 9.0 % of mass 176	6.5	(7.0)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
	CCVIS 460-313902/2	P01879.D	07/31/2015	07:59
	LCS 460-313902/3	P01880.D	07/31/2015	08:24
	MB 460-313902/6	P01883.D	07/31/2015	09:40
FB-5	460-98740-6	P01884.D	07/31/2015	10:05
FB-6	460-98740-11	P01885.D	07/31/2015	10:30
FB-7	460-98740-16	P01886.D	07/31/2015	10:55
Trip Blank	460-98740-17	P01887.D	07/31/2015	11:20
MW-19	460-98740-1	P01888.D	07/31/2015	11:45
MW-08	460-98740-2	P01889.D	07/31/2015	12:10
MW-34	460-98740-9	P01893.D	07/31/2015	13:51
MW-56	460-98740-10	P01894.D	07/31/2015	14:16
MW-54	460-98740-12	P01895.D	07/31/2015	14:41
MW-55	460-98740-13	P01896.D	07/31/2015	15:06
MW-51	460-98740-14	P01897.D	07/31/2015	15:31
MW-20	460-98740-7	P01898.D	07/31/2015	15:56
MW-50	460-98740-15	P01902.D	07/31/2015	17:36
	460-98740-C-3 MS	P01903.D	07/31/2015	18:01
	460-98740-C-3 MSD	P01904.D	07/31/2015	18:26

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab File ID: P01906.D BFB Injection Date: 07/31/2015

Instrument ID: CVOAMS13 BFB Injection Time: 19:10

Analysis Batch No.: 313995

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.7	
75	30.0 - 60.0 % of mass 95	51.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	77.1	
175	5.0 - 9.0 % of mass 174	6.8	(8.8)1
176	95.0 - 101.0 % of mass 174	76.4	(99.1)1
177	5.0 - 9.0 % of mass 176	5.1	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-313995/3	P01908.D	07/31/2015	20:16
	LCS 460-313995/4	P01909.D	07/31/2015	20:53
	LCSD 460-313995/5	P01910.D	07/31/2015	21:18
	MB 460-313995/8	P01913.D	07/31/2015	22:33
MW-26	460-98740-8	P01914.D	07/31/2015	22:58
MW-44	460-98740-5	P01915.D	07/31/2015	23:23
MW-07	460-98740-4	P01916.D	07/31/2015	23:48
MW-08D	460-98740-3	P01917.D	08/01/2015	00:13

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Sample No.: CCVIS 460-313902/2 Date Analyzed: 07/31/2015 07:59

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01879.D Heated Purge: (Y/N) N

Calibration ID: 51499

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		351230	2.23	343831	3.30	495223	3.91
UPPER LIMIT		702460	2.73	687662	3.80	990446	4.41
LOWER LIMIT		175615	1.73	171916	2.80	247612	3.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313902/3		381864	2.23	369317	3.31	499707	3.91
MB 460-313902/6		345764	2.22	332728	3.30	454777	3.91
460-98740-6	FB-5	352193	2.22	339511	3.30	466643	3.91
460-98740-11	FB-6	325295	2.22	314917	3.30	454835	3.91
460-98740-16	FB-7	325392	2.22	315315	3.30	465501	3.91
460-98740-17	Trip Blank	302383	2.22	293966	3.30	467902	3.91
460-98740-1	MW-19	352013	2.22	325616	3.30	459531	3.91
460-98740-2	MW-08	309090	2.22	297538	3.30	446470	3.91
460-98740-9	MW-34	283184	2.22	274747	3.30	426806	3.91
460-98740-10	MW-56	288688	2.22	276564	3.30	438933	3.91
460-98740-12	MW-54	268108	2.21	257400	3.30	427809	3.91
460-98740-13	MW-55	288708	2.21	279017	3.30	438684	3.91
460-98740-14	MW-51	267348	2.22	262395	3.30	428672	3.91
460-98740-7	MW-20	280726	2.22	272549	3.30	419571	3.91
460-98740-15	MW-50	285486	2.22	277213	3.30	433969	3.91
460-98740-C-3 MS		293745	2.22	295864	3.30	469846	3.90
460-98740-C-3 MSD		313421	2.22	313590	3.30	479551	3.91

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Sample No.: CCVIS 460-313902/2 Date Analyzed: 07/31/2015 07:59

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01879.D Heated Purge: (Y/N) N

Calibration ID: 51499

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		37293	4.81	375588	7.40	225870	10.97
UPPER LIMIT		74586	5.31	751176	7.90	451740	11.47
LOWER LIMIT		18647	4.31	187794	6.90	112935	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313902/3		40682	4.82	378379	7.40	228440	10.97
MB 460-313902/6		34407	4.81	343261	7.40	200268	10.97
460-98740-6	FB-5	36661	4.81	352680	7.40	207631	10.97
460-98740-11	FB-6	33768	4.81	350892	7.40	207353	10.97
460-98740-16	FB-7	33549	4.81	353438	7.40	211156	10.97
460-98740-17	Trip Blank	30943	4.81	355453	7.40	212848	10.97
460-98740-1	MW-19	34256	4.81	351428	7.40	211068	10.97
460-98740-2	MW-08	29939	4.81	337898	7.40	203265	10.97
460-98740-9	MW-34	28694	4.81	328737	7.40	196633	10.97
460-98740-10	MW-56	29925	4.81	339005	7.40	204281	10.97
460-98740-12	MW-54	27323	4.81	328266	7.40	198206	10.97
460-98740-13	MW-55	30013	4.81	336109	7.40	202146	10.97
460-98740-14	MW-51	27017	4.81	329172	7.40	200140	10.97
460-98740-7	MW-20	27919	4.81	327731	7.40	194328	10.97
460-98740-15	MW-50	30951	4.81	347642	7.40	216284	10.97
460-98740-C-3 MS		31913	4.81	360807	7.40	218723	10.97
460-98740-C-3 MSD		34502	4.81	371463	7.40	224039	10.97

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Sample No.: CCVIS 460-313995/3 Date Analyzed: 07/31/2015 20:16

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01908.D Heated Purge: (Y/N) N

Calibration ID: 51499

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		293083	2.22	304003	3.30	493548	3.91
UPPER LIMIT		586166	2.72	608006	3.80	987096	4.41
LOWER LIMIT		146542	1.72	152002	2.80	246774	3.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313995/4		283362	2.22	297889	3.30	504170	3.91
LCSD 460-313995/5		283179	2.22	292828	3.30	489696	3.91
MB 460-313995/8		271939	2.21	276204	3.30	456291	3.91
460-98740-8	MW-26	282476	2.21	284801	3.30	469965	3.91
460-98740-5	MW-44	287254	2.21	286778	3.30	458475	3.91
460-98740-4	MW-07	280512	2.21	282337	3.30	462683	3.91
460-98740-3	MW-08D	284346	2.21	284132	3.30	461179	3.91

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Sample No.: CCVIS 460-313995/3 Date Analyzed: 07/31/2015 20:16

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P01908.D Heated Purge: (Y/N) N

Calibration ID: 51499

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		32548	4.81	379511	7.40	228676	10.97
UPPER LIMIT		65096	5.31	759022	7.90	457352	11.47
LOWER LIMIT		16274	4.31	189756	6.90	114338	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-313995/4		28622	4.81	386729	7.40	229463	10.97
LCSD 460-313995/5		31158	4.81	374596	7.40	226892	10.97
MB 460-313995/8		29492	4.81	352519	7.40	212355	10.97
460-98740-8	MW-26	29162	4.81	364750	7.40	215727	10.97
460-98740-5	MW-44	30367	4.81	353829	7.40	214814	10.97
460-98740-4	MW-07	28471	4.81	358404	7.40	214816	10.97
460-98740-3	MW-08D	29017	4.81	357092	7.40	211152	10.97

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-19 | Lab Sample ID: 460-98740-1

Matrix: Water | Lab File ID: P01888.D

Analysis Method: 8260C | Date Collected: 07/24/2015 09:18

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 11:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.84	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.3		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-19 | Lab Sample ID: 460-98740-1

Matrix: Water | Lab File ID: P01888.D

Analysis Method: 8260C | Date Collected: 07/24/2015 09:18

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 11:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.12	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	101		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-19 Lab Sample ID: 460-98740-1

Matrix: Water Lab File ID: P01888.D

Analysis Method: 8260C Date Collected: 07/24/2015 09:18

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 11:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01888.D
Lims ID: 460-98740-B-1 Lab Sample ID: 460-98740-1
Client ID: MW-19
Sample Type: Client
Inject. Date: 31-Jul-2015 11:45:30 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-1
Misc. Info.: 460-0030277-011
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:46:46 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:46:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	352013	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	95	3116	1.28	
43 Chloroform	83	3.101	3.101	0.000	96	3235	0.8443	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	93496	49.2	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	325616	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	110877	48.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	459531	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	94	34256	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	351813	46.7	
81 Tetrachloroethene	166	5.991	5.978	0.013	21	313	0.1224	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	351428	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	135914	50.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	211068	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

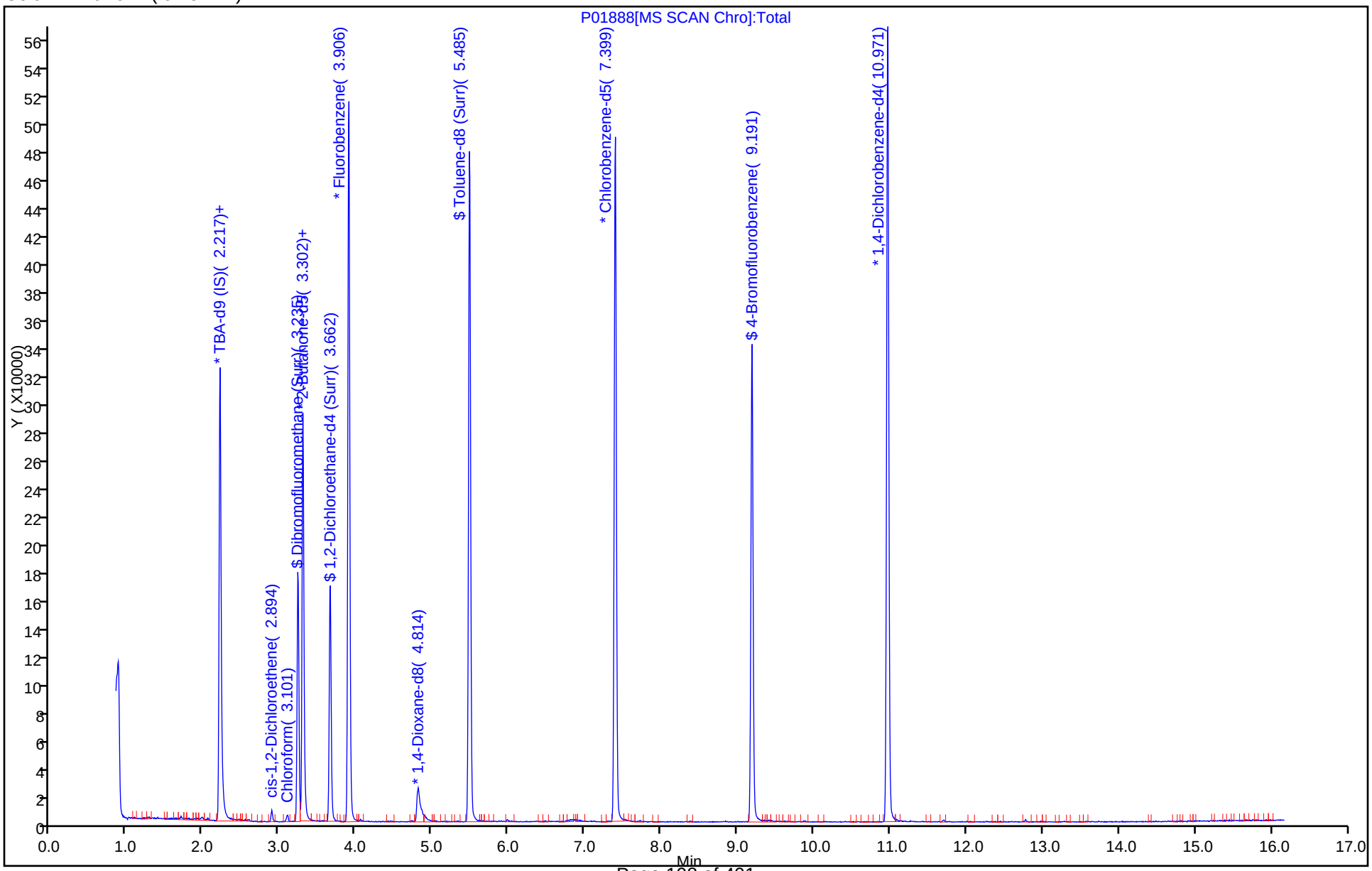
Report Date: 31-Jul-2015 16:46:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01888.D

Injection Date:	31-Jul-2015 11:45:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-1	Lab Sample ID:	460-98740-1	Worklist Smp#:	11
Client ID:	MW-19				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



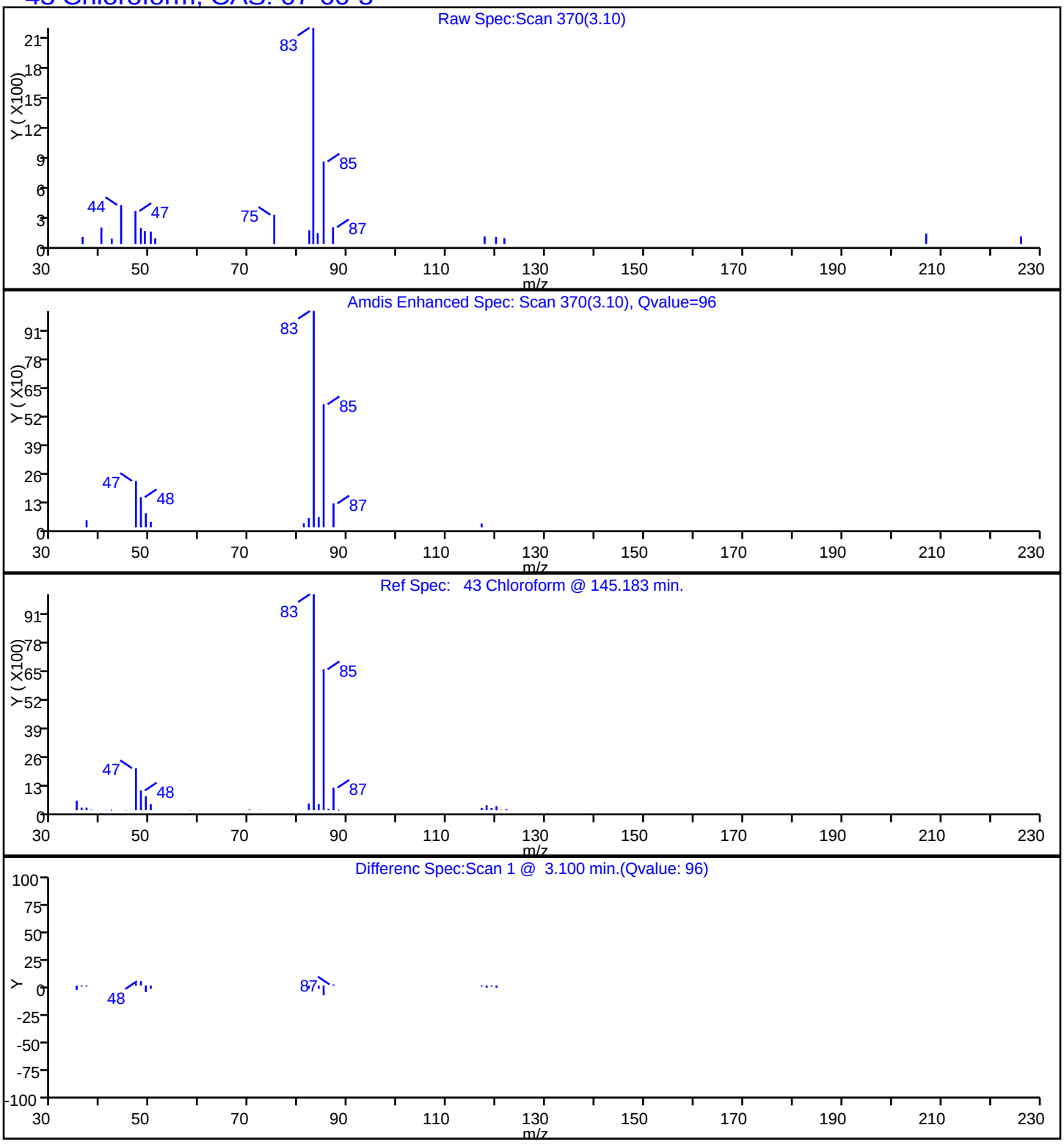
Report Date: 31-Jul-2015 16:46:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01888.D

Injection Date:	31-Jul-2015 11:45:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-1	Lab Sample ID:	460-98740-1
Client ID:	MW-19		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

43 Chloroform, CAS: 67-66-3



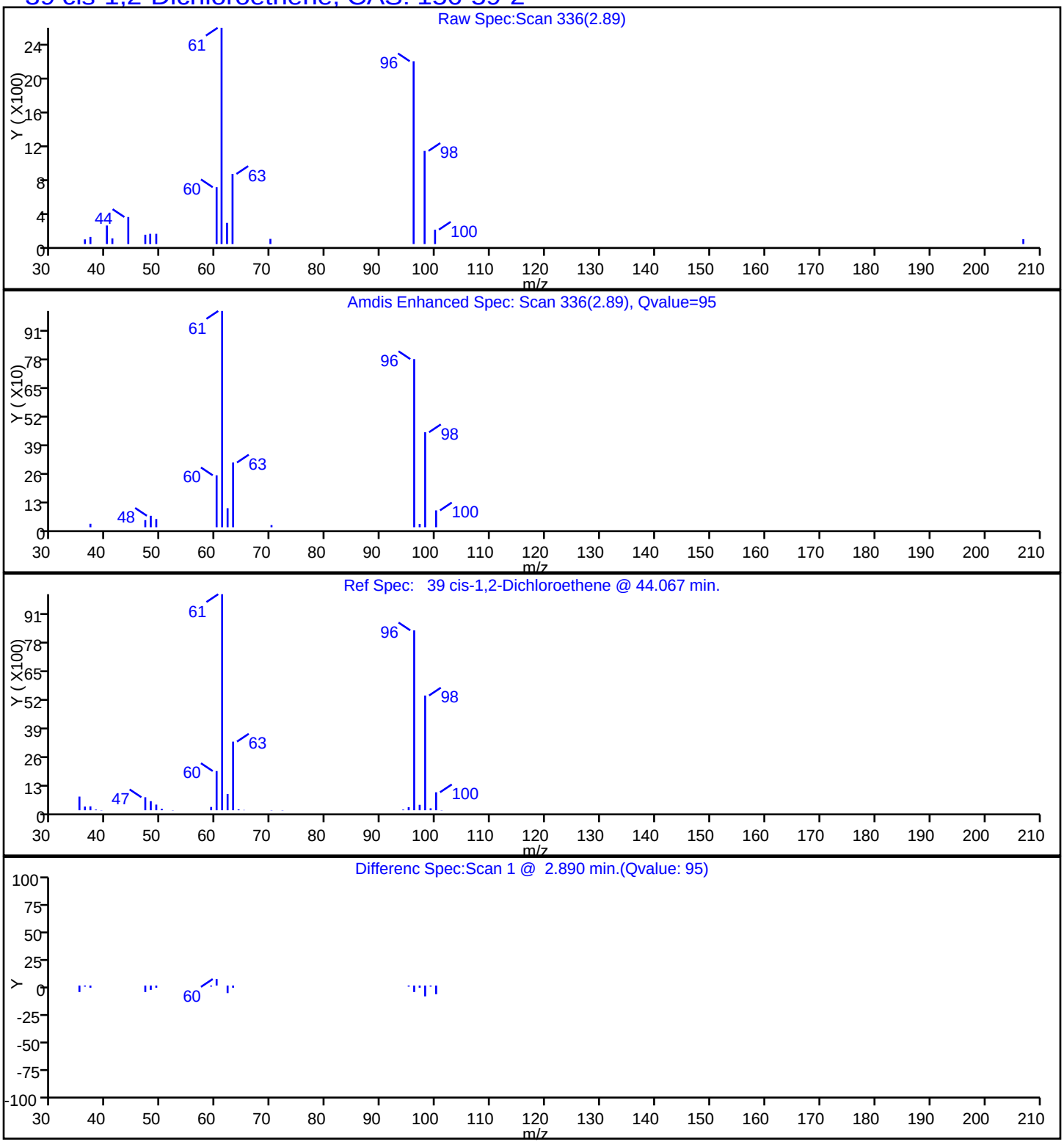
Report Date: 31-Jul-2015 16:46:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01888.D

Injection Date:	31-Jul-2015 11:45:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-1	Lab Sample ID:	460-98740-1		
Client ID:	MW-19				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



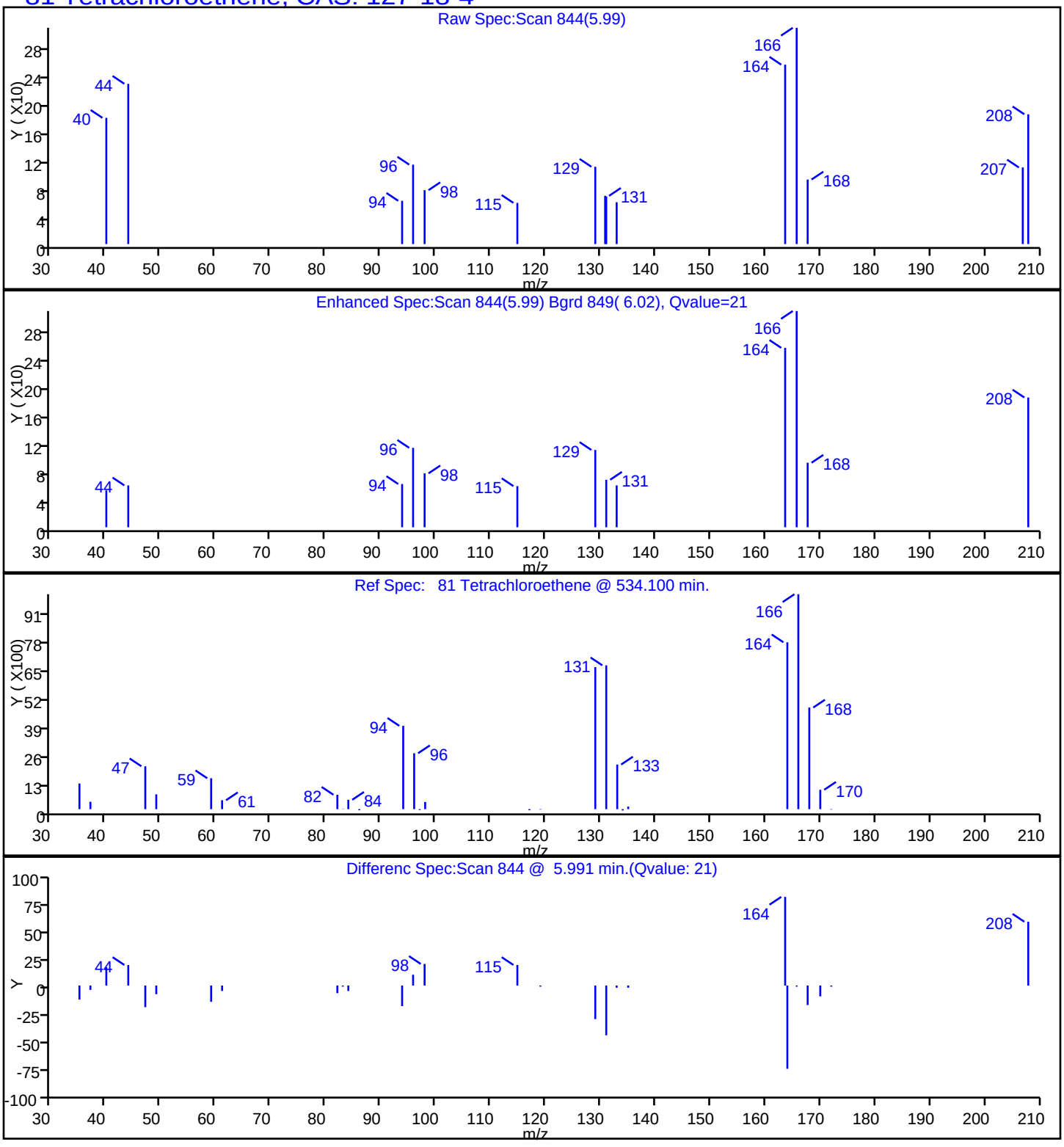
Report Date: 31-Jul-2015 16:46:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01888.D

Injection Date:	31-Jul-2015 11:45:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-1	Lab Sample ID:	460-98740-1		
Client ID:	MW-19				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08 | Lab Sample ID: 460-98740-2

Matrix: Water | Lab File ID: P01889.D

Analysis Method: 8260C | Date Collected: 07/24/2015 10:44

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 12:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.21	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.2		1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	23		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08 | Lab Sample ID: 460-98740-2

Matrix: Water | Lab File ID: P01889.D

Analysis Method: 8260C | Date Collected: 07/24/2015 10:44

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 12:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	370		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	0.18	J	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	58		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08 Lab Sample ID: 460-98740-2

Matrix: Water Lab File ID: P01889.D

Analysis Method: 8260C Date Collected: 07/24/2015 10:44

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 12:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D
Lims ID: 460-98740-B-2 Lab Sample ID: 460-98740-2
Client ID: MW-08
Sample Type: Client
Inject. Date: 31-Jul-2015 12:10:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-2
Misc. Info.: 460-0030277-012
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:47:38 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:47:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	89	426	0.1810	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	309090	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	54943	23.3	
43 Chloroform	83	3.095	3.101	-0.006	95	4602	1.24	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	94351	51.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	297538	250.0	
54 Benzene	78	3.552	3.546	0.006	91	1947	0.2137	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	107960	48.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	446470	50.0	
64 Trichloroethene	130	4.058	4.052	0.006	96	136426	57.5	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	29939	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	100	360131	49.7	
81 Tetrachloroethene	166	5.984	5.978	0.006	97	909000	369.8	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	337898	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	135683	52.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	203265	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

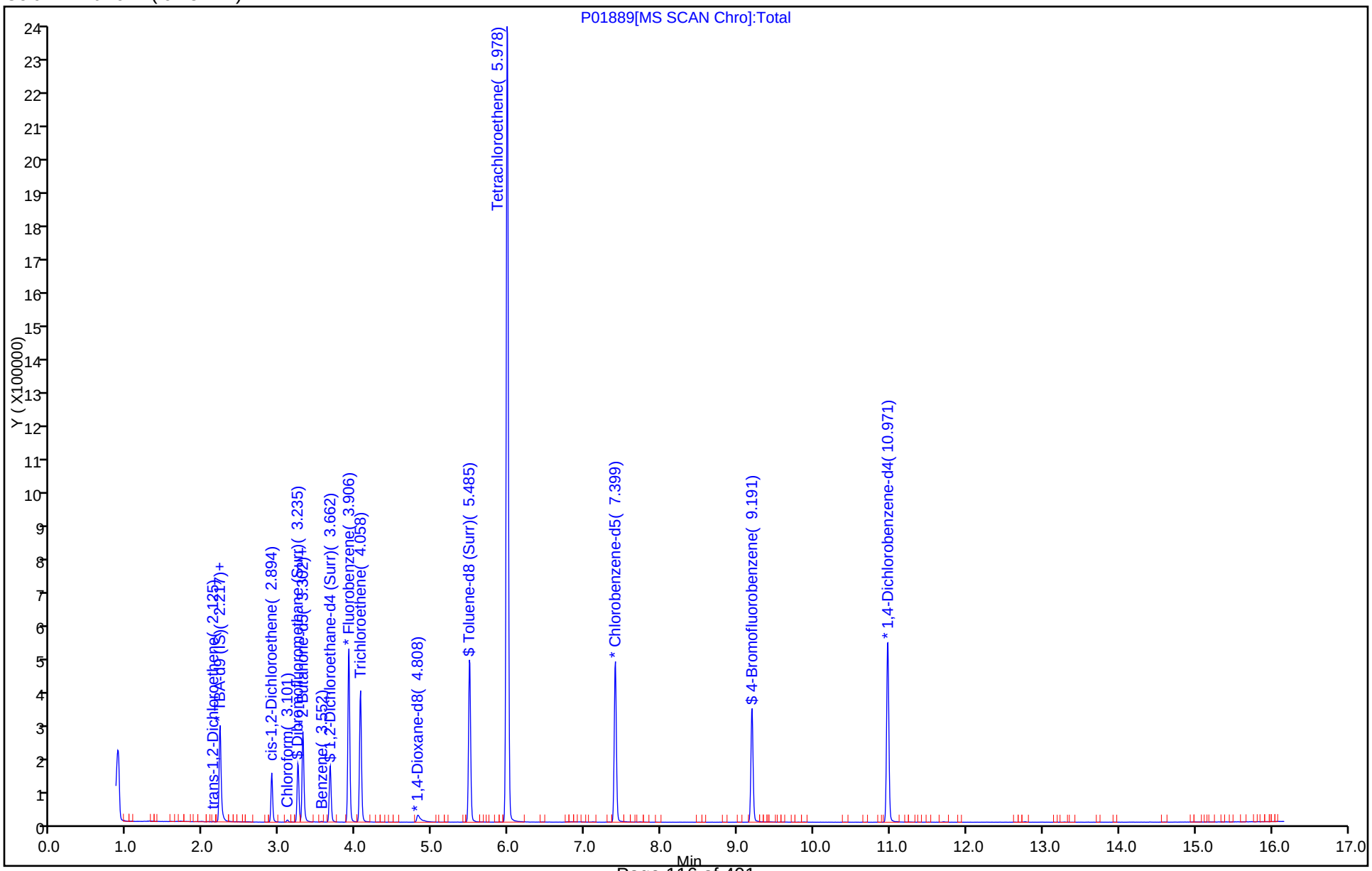
Report Date: 31-Jul-2015 16:47:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2	Worklist Smp#:	12
Client ID:	MW-08				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



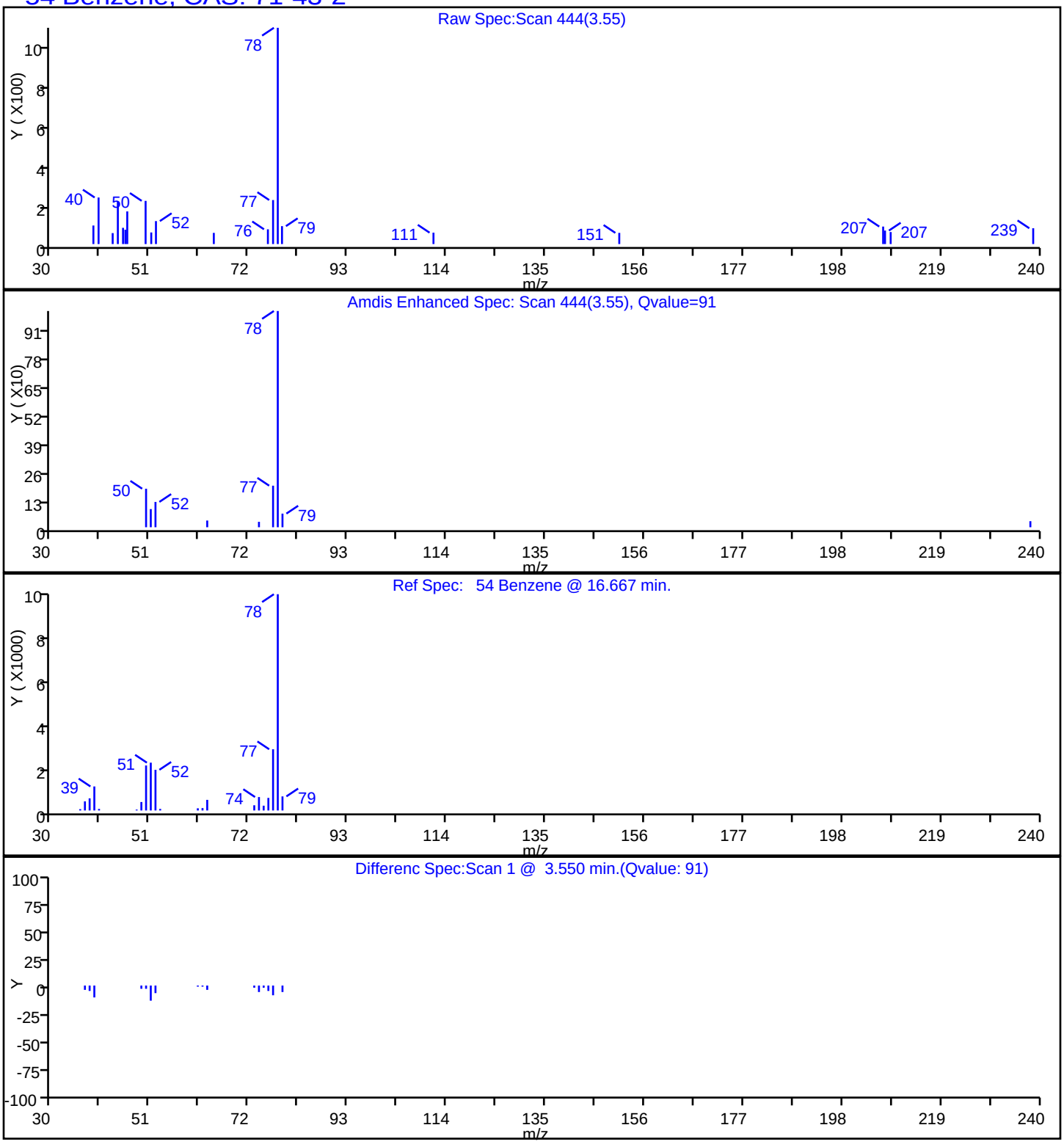
Report Date: 31-Jul-2015 16:47:39 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2
Client ID:	MW-08		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

54 Benzene, CAS: 71-43-2



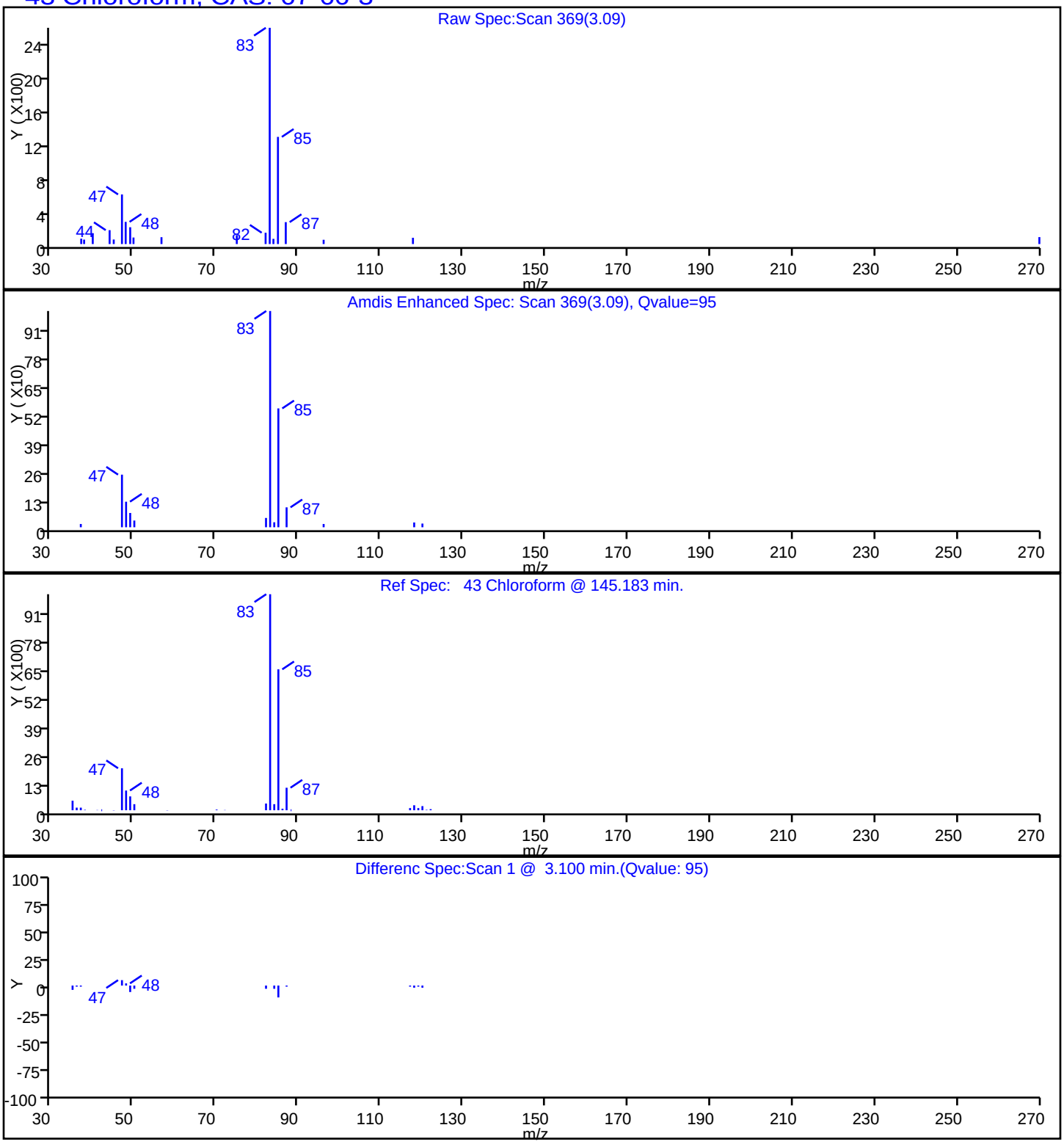
Report Date: 31-Jul-2015 16:47:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2
Client ID:	MW-08		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

43 Chloroform, CAS: 67-66-3



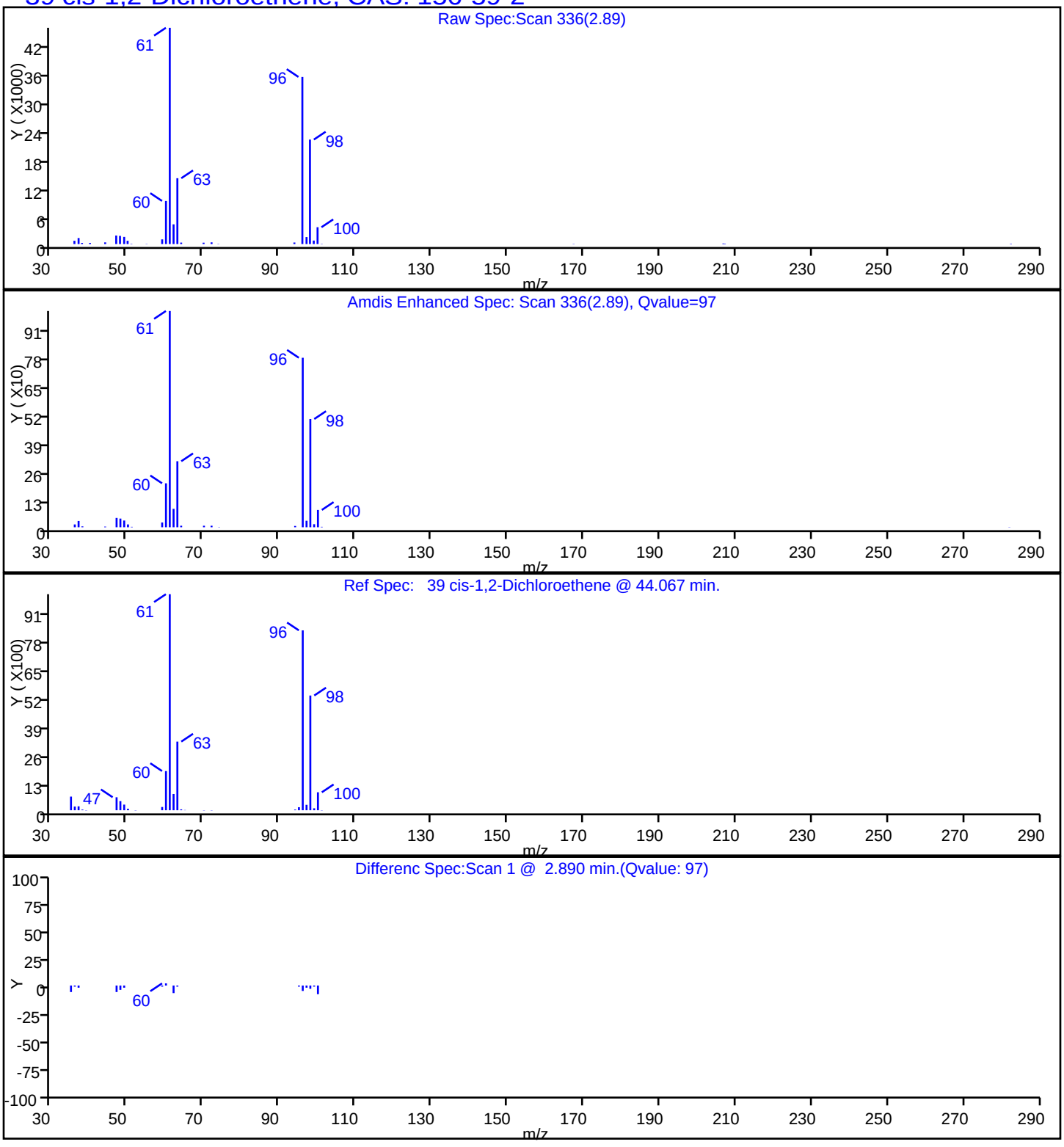
Report Date: 31-Jul-2015 16:47:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2		
Client ID:	MW-08				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



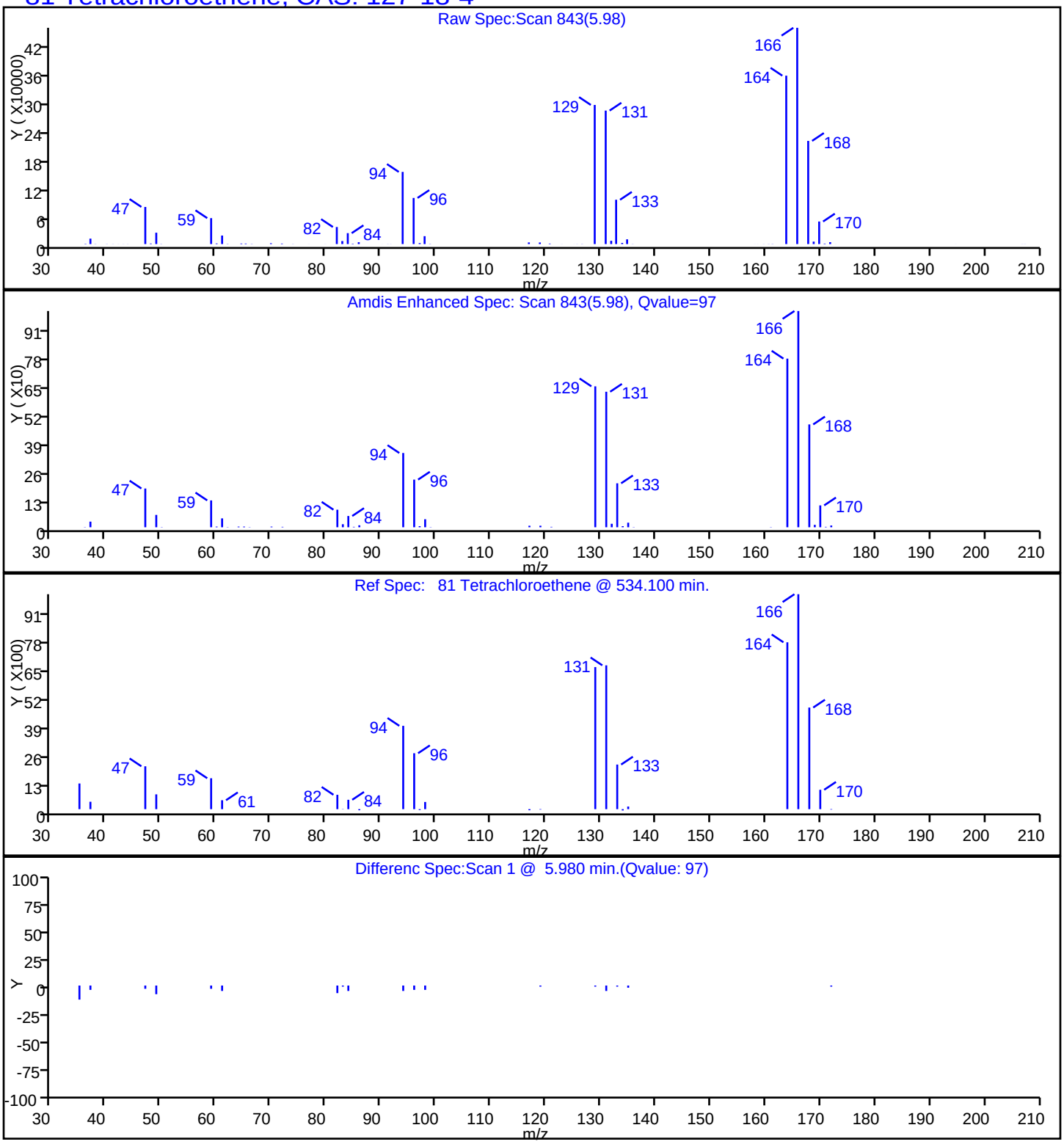
Report Date: 31-Jul-2015 16:47:39 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2		
Client ID:	MW-08				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



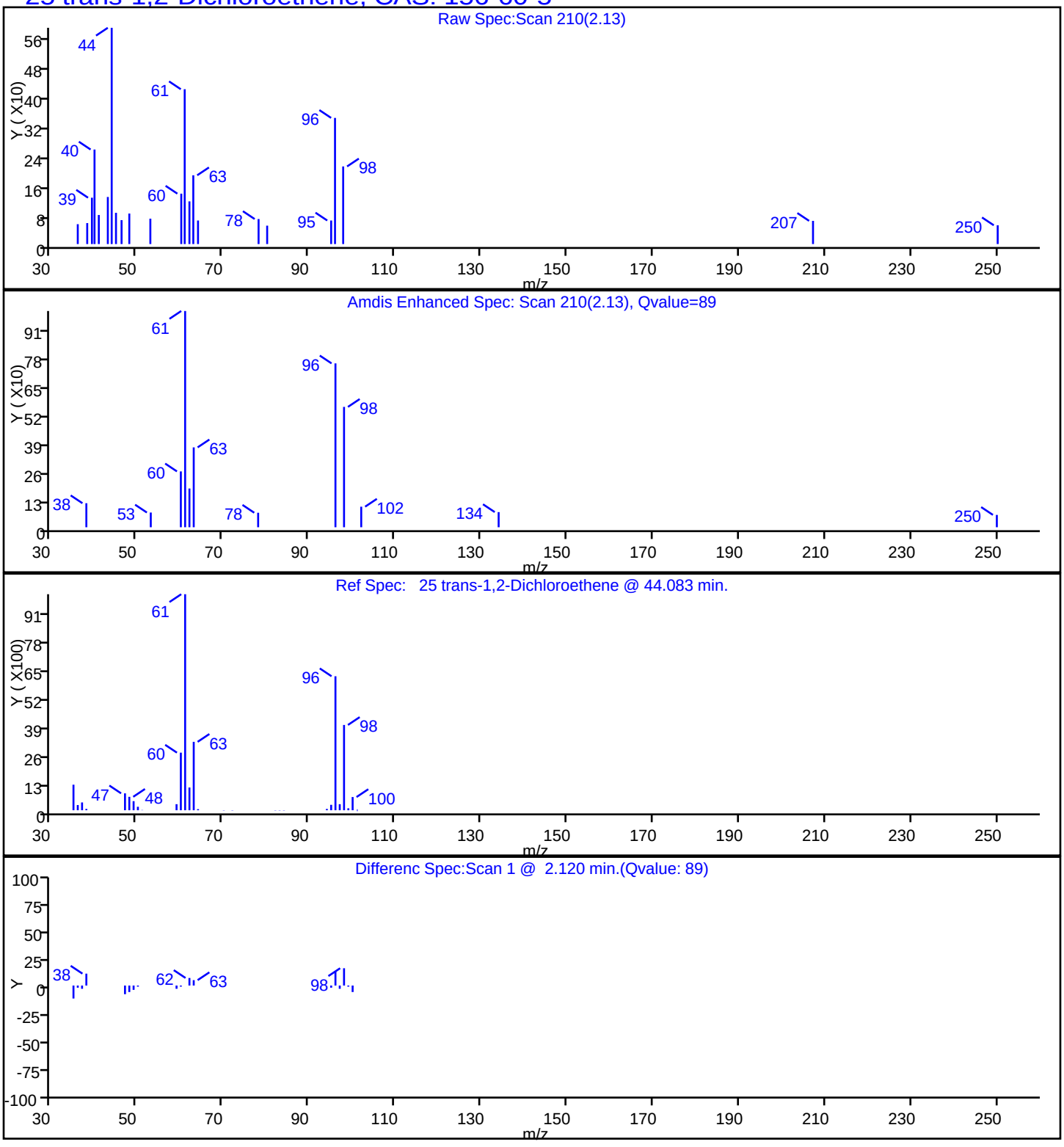
Report Date: 31-Jul-2015 16:47:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2
Client ID:	MW-08		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

25 trans-1,2-Dichloroethene, CAS: 156-60-5



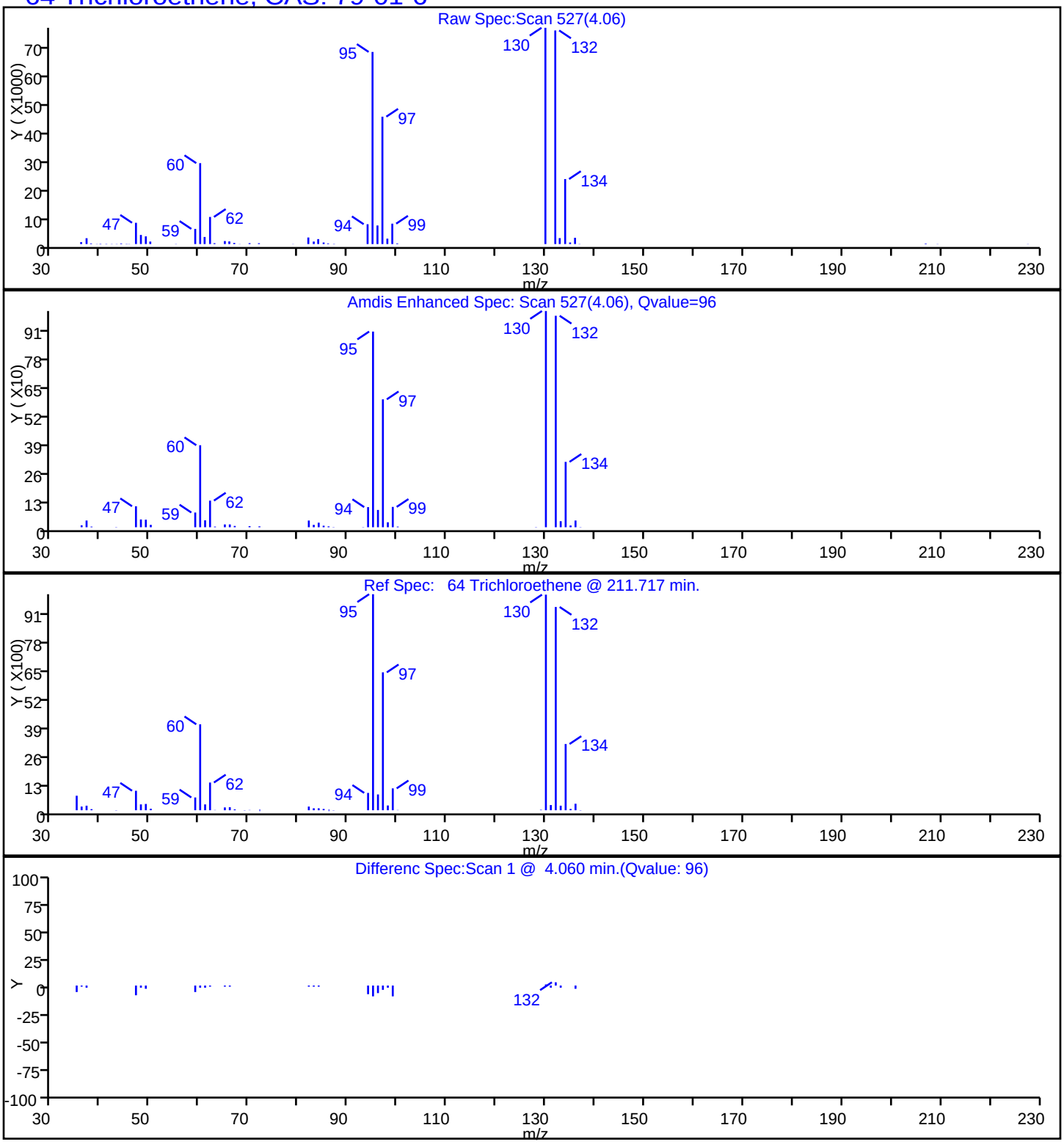
Report Date: 31-Jul-2015 16:47:39 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01889.D

Injection Date:	31-Jul-2015 12:10:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-2	Lab Sample ID:	460-98740-2
Client ID:	MW-08		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08D | Lab Sample ID: 460-98740-3

Matrix: Water | Lab File ID: P01917.D

Analysis Method: 8260C | Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2015 00:13

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.20	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.48	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	13		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08D | Lab Sample ID: 460-98740-3

Matrix: Water | Lab File ID: P01917.D

Analysis Method: 8260C | Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2015 00:13

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	390		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	35		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	102		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08D Lab Sample ID: 460-98740-3

Matrix: Water Lab File ID: P01917.D

Analysis Method: 8260C Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) Date Analyzed: 08/01/2015 00:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D
Lims ID: 460-98740-B-3 Lab Sample ID: 460-98740-3
Client ID: MW-08D
Sample Type: Client
Inject. Date: 01-Aug-2015 00:13:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-3
Misc. Info.: 460-0030286-012
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 08:49:51 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: desais Date: 03-Aug-2015 08:00:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.217	-0.006	100	284346	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	30540	12.5	
43 Chloroform	83	3.095	3.101	-0.006	73	1836	0.4775	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	92390	48.5	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	284132	250.0	
54 Benzene	78	3.546	3.546	0.000	90	1949	0.2024	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	106041	46.1	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	461179	50.0	
64 Trichloroethene	130	4.058	4.058	0.000	96	85436	34.9	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	93	29017	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.484	0.001	99	368572	48.1	
81 Tetrachloroethene	166	5.984	5.978	0.006	97	1000887	385.3	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	357092	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	138785	51.0	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	94	211152	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

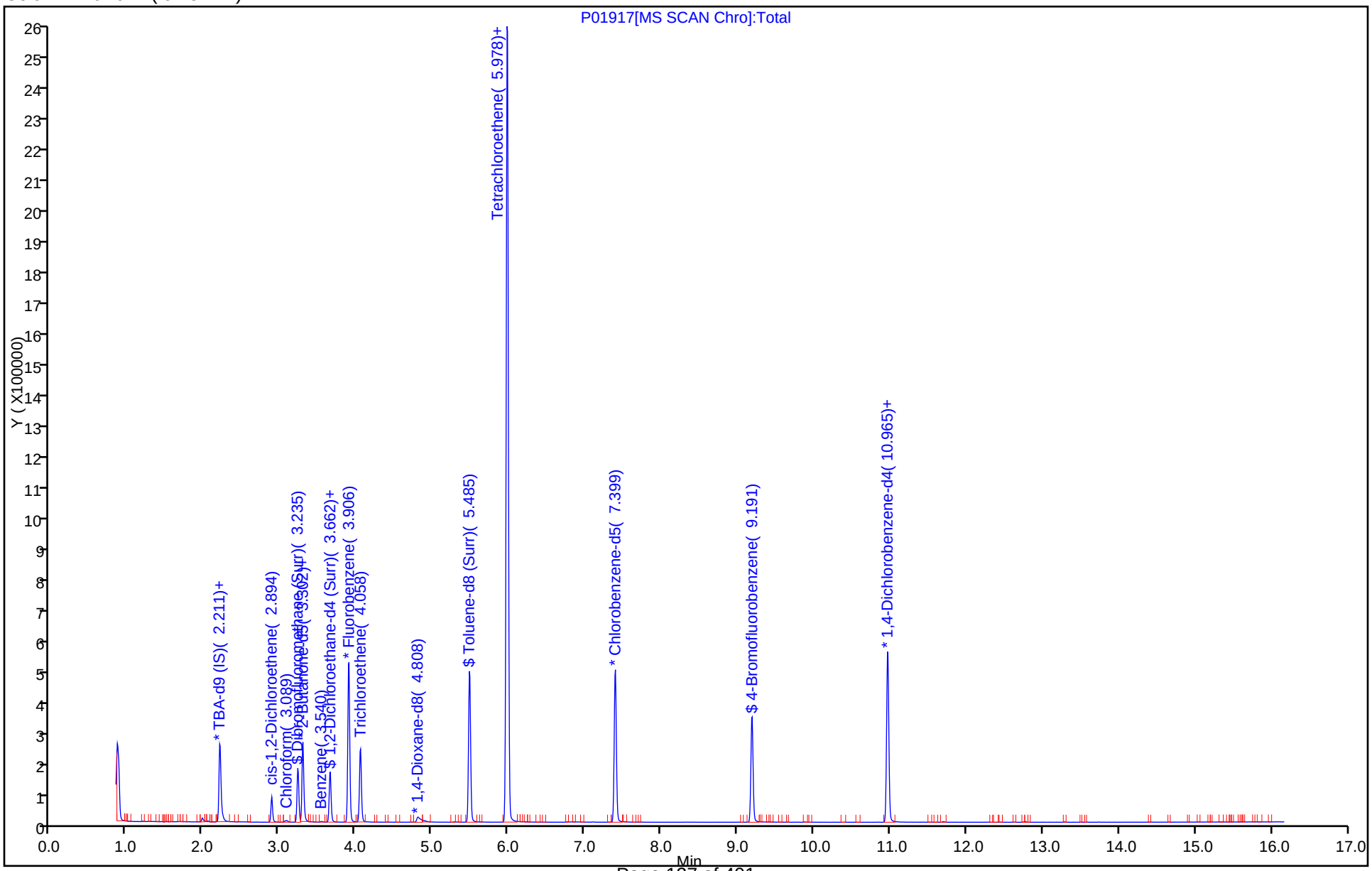
Report Date: 03-Aug-2015 08:50:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D

Injection Date:	01-Aug-2015 00:13:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-3	Lab Sample ID:	460-98740-3	Worklist Smp#:	12
Client ID:	MW-08D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



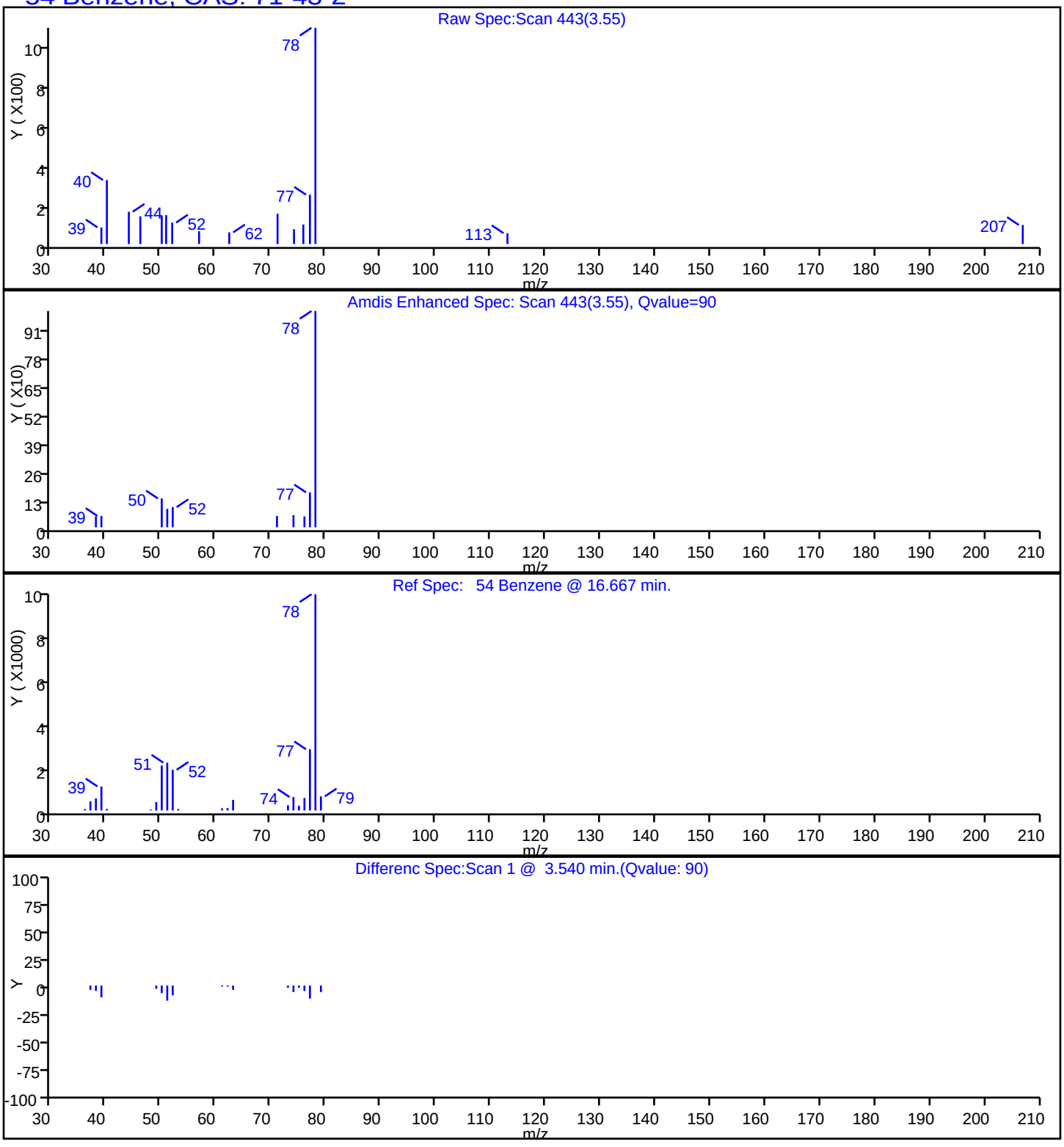
Report Date: 03-Aug-2015 08:50:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D

Injection Date:	01-Aug-2015 00:13:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-3	Lab Sample ID:	460-98740-3
Client ID:	MW-08D		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

54 Benzene, CAS: 71-43-2



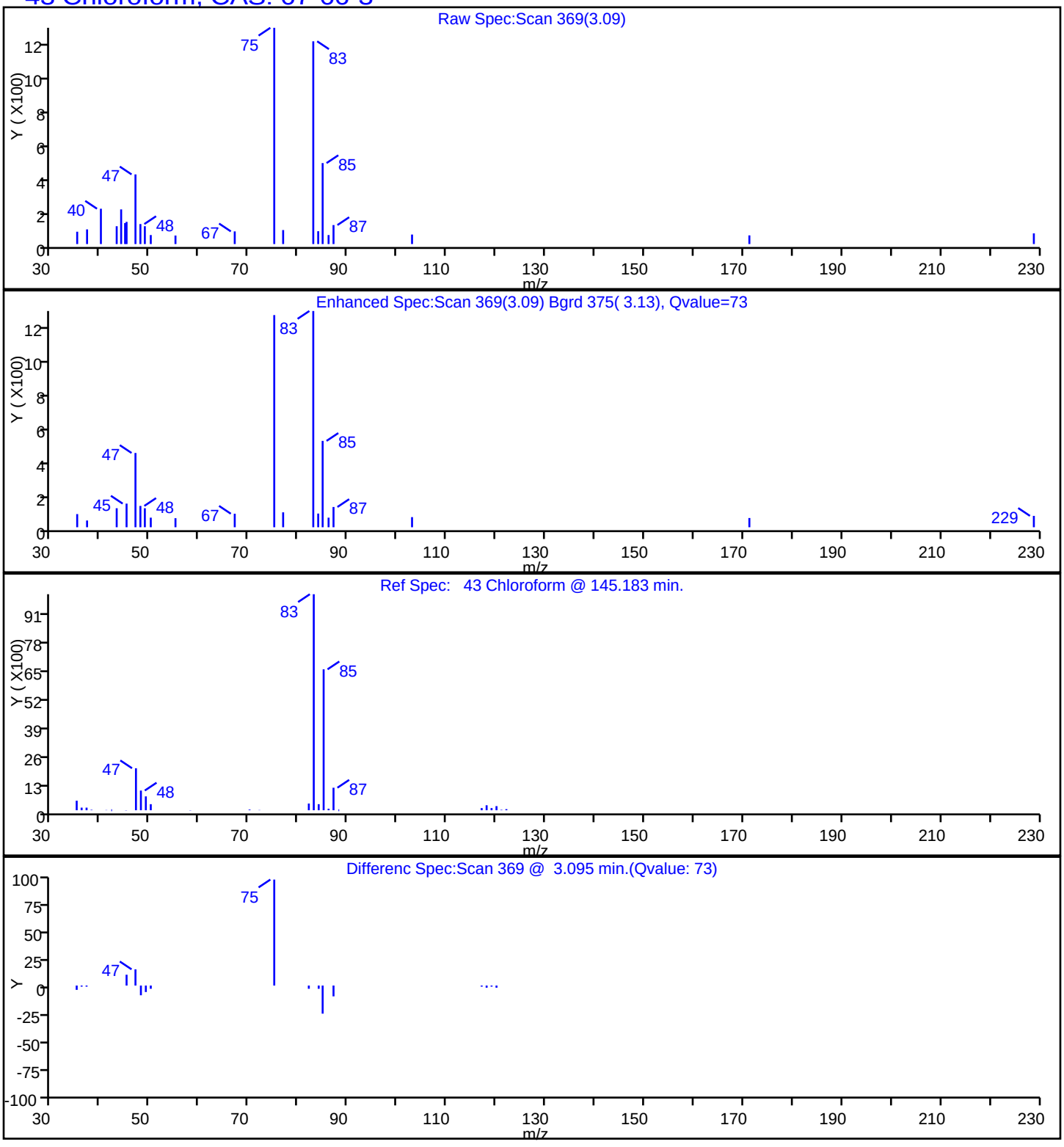
Report Date: 03-Aug-2015 08:50:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D

Injection Date:	01-Aug-2015 00:13:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-3	Lab Sample ID:	460-98740-3		
Client ID:	MW-08D				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



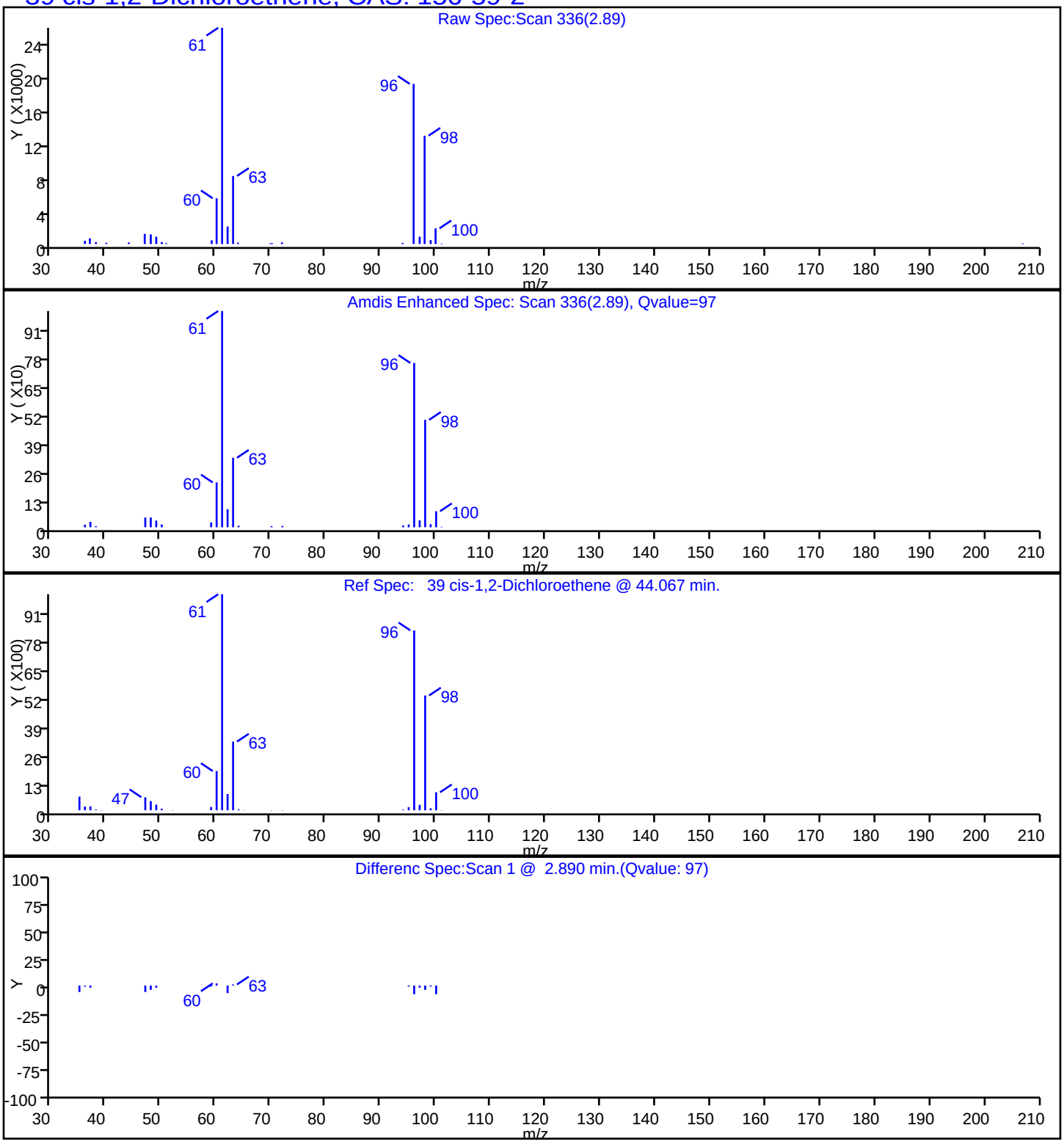
Report Date: 03-Aug-2015 08:50:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D

Injection Date:	01-Aug-2015 00:13:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-3	Lab Sample ID:	460-98740-3		
Client ID:	MW-08D				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



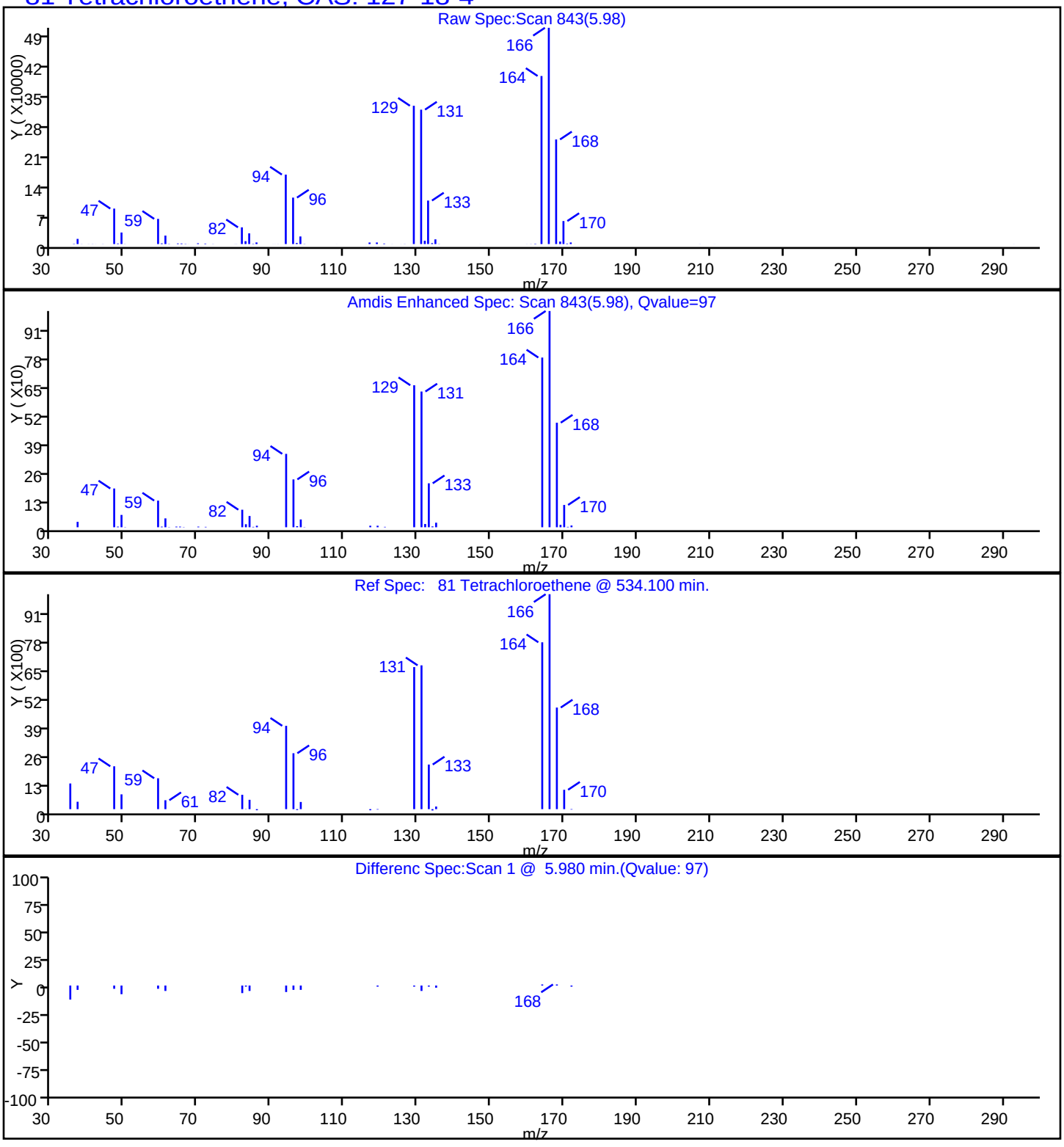
Report Date: 03-Aug-2015 08:50:57 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D

Injection Date:	01-Aug-2015 00:13:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-3	Lab Sample ID:	460-98740-3
Client ID:	MW-08D		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



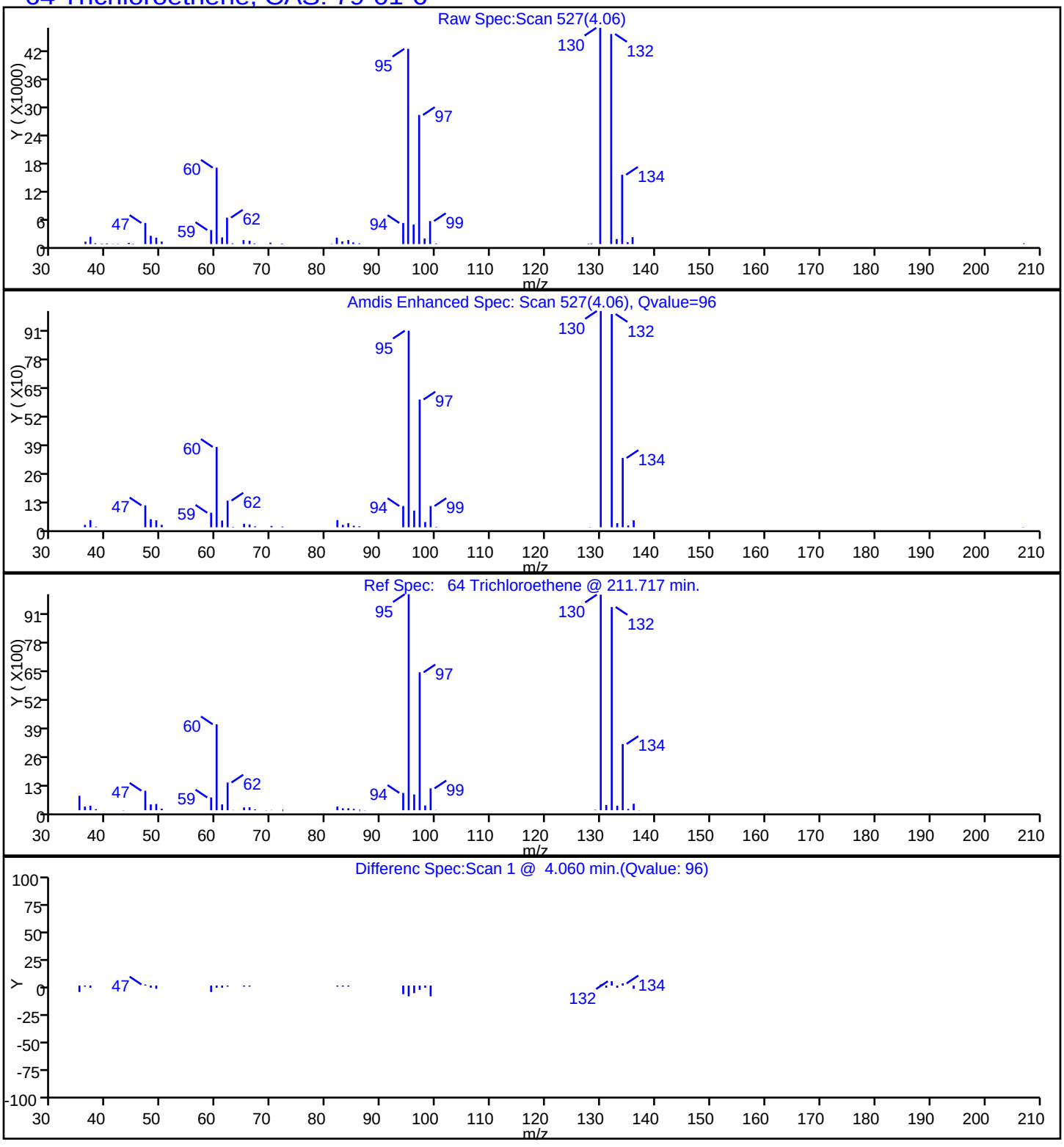
Report Date: 03-Aug-2015 08:50:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01917.D

Injection Date:	01-Aug-2015 00:13:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-3	Lab Sample ID:	460-98740-3		
Client ID:	MW-08D				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-07 | Lab Sample ID: 460-98740-4

Matrix: Water | Lab File ID: P01916.D

Analysis Method: 8260C | Date Collected: 07/24/2015 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 23:48

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-07 | Lab Sample ID: 460-98740-4

Matrix: Water | Lab File ID: P01916.D

Analysis Method: 8260C | Date Collected: 07/24/2015 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 23:48

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.69	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	102		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-07 Lab Sample ID: 460-98740-4

Matrix: Water Lab File ID: P01916.D

Analysis Method: 8260C Date Collected: 07/24/2015 13:05

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 23:48

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01916.D
Lims ID: 460-98740-C-4 Lab Sample ID: 460-98740-4
Client ID: MW-07
Sample Type: Client
Inject. Date: 31-Jul-2015 23:48:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-C-4
Misc. Info.: 460-0030286-011
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 08:49:51 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: desais Date: 03-Aug-2015 07:59:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.217	-0.006	100	280512	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	92470	48.3	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	282337	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	96	107315	46.5	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	462683	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	95	28471	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	367388	47.8	
81 Tetrachloroethene	166	5.984	5.978	0.006	92	1811	0.6947	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	358404	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	94	138820	50.8	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	93	214816	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

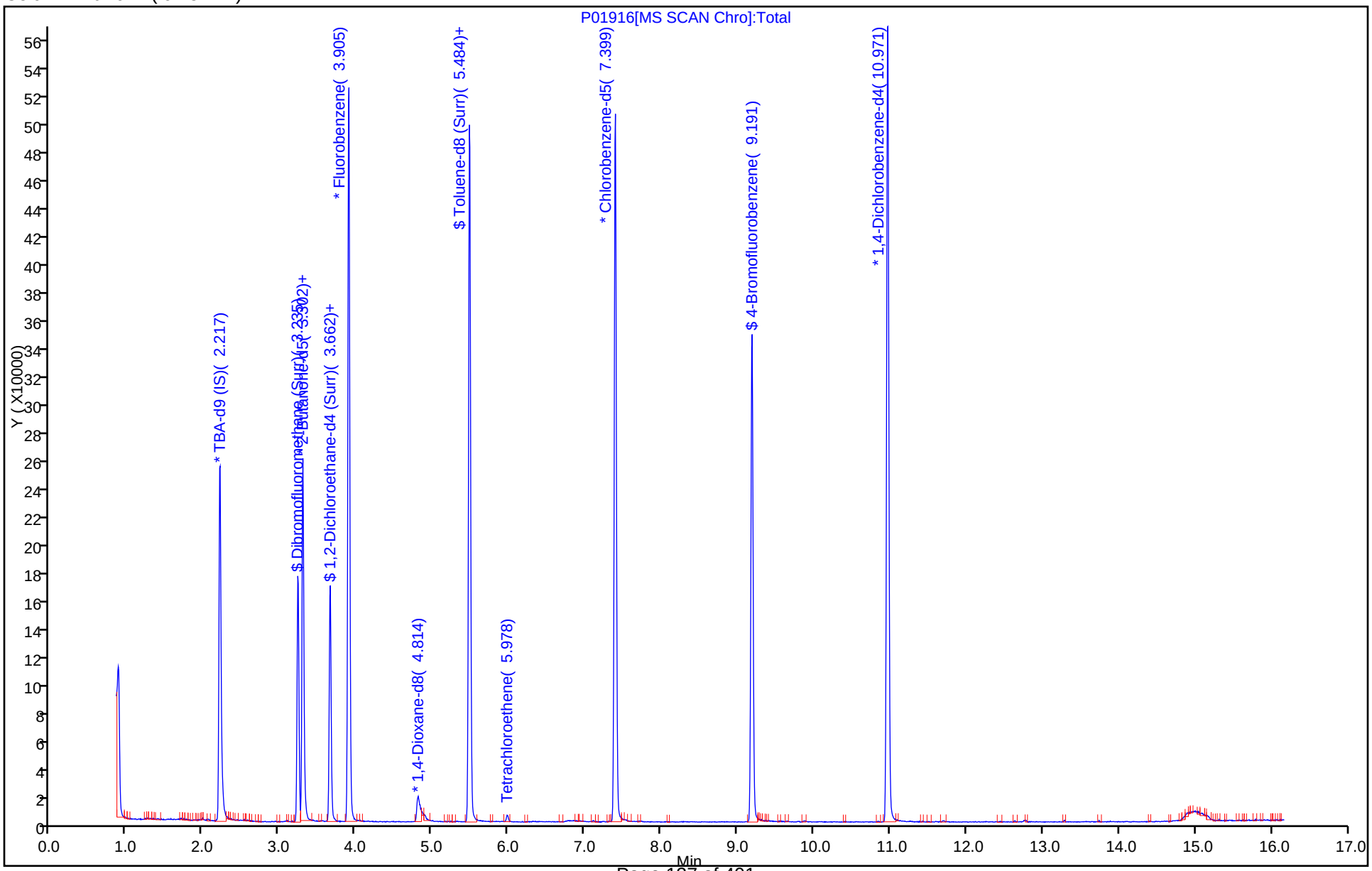
Report Date: 03-Aug-2015 08:50:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01916.D

Injection Date:	31-Jul-2015 23:48:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-C-4	Lab Sample ID:	460-98740-4	Worklist Smp#:	11
Client ID:	MW-07				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



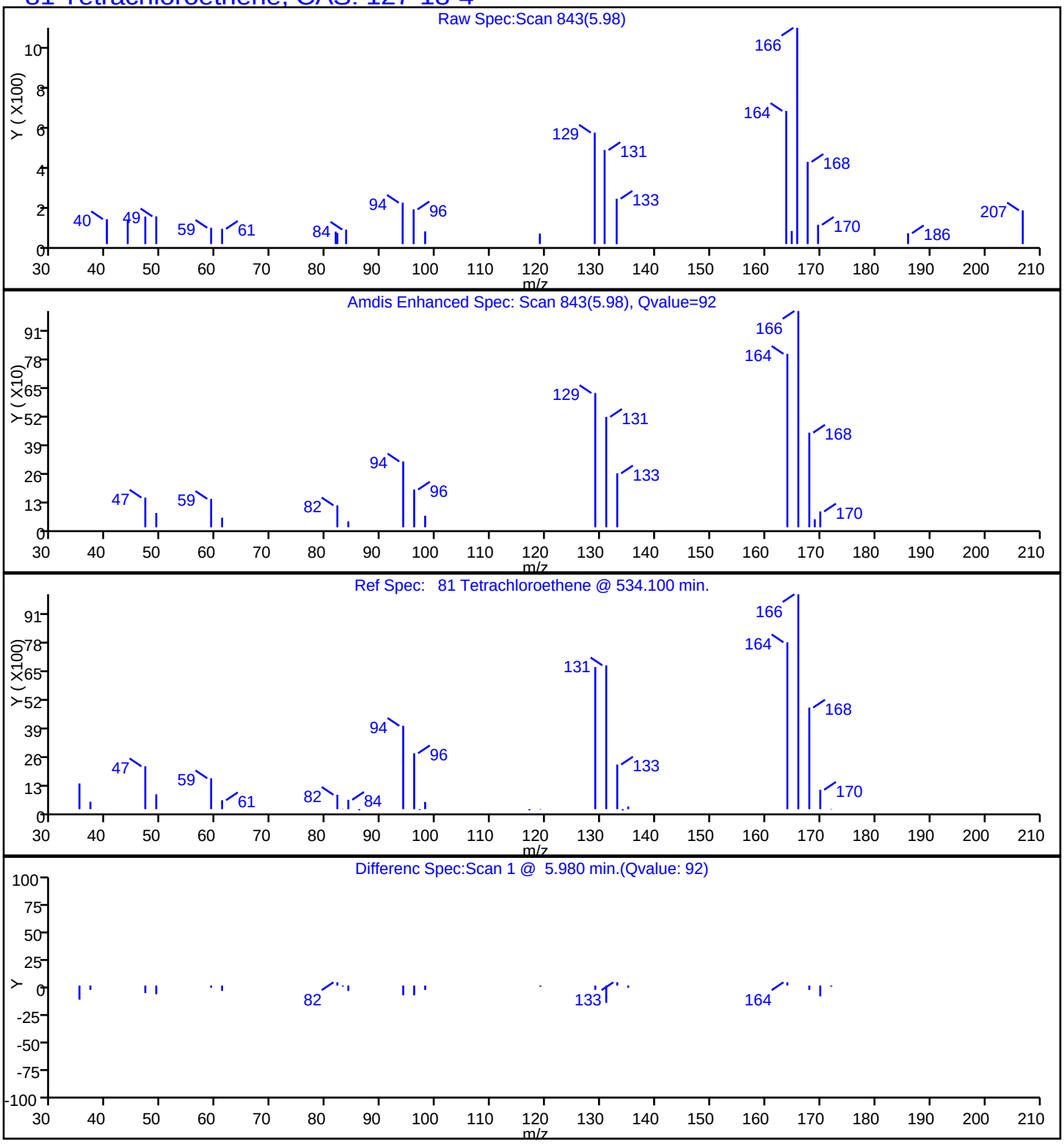
Report Date: 03-Aug-2015 08:50:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01916.D

Injection Date:	31-Jul-2015 23:48:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-C-4	Lab Sample ID:	460-98740-4		
Client ID:	MW-07				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-44 | Lab Sample ID: 460-98740-5

Matrix: Water | Lab File ID: P01915.D

Analysis Method: 8260C | Date Collected: 07/24/2015 14:06

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 23:23

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-44 | Lab Sample ID: 460-98740-5

Matrix: Water | Lab File ID: P01915.D

Analysis Method: 8260C | Date Collected: 07/24/2015 14:06

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 23:23

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.57	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-44 Lab Sample ID: 460-98740-5

Matrix: Water Lab File ID: P01915.D

Analysis Method: 8260C Date Collected: 07/24/2015 14:06

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 23:23

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01915.D
Lims ID: 460-98740-C-5 Lab Sample ID: 460-98740-5
Client ID: MW-44
Sample Type: Client
Inject. Date: 31-Jul-2015 23:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-C-5
Misc. Info.: 460-0030286-010
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 08:49:51 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: kaewjindao Date: 03-Aug-2015 15:59:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.217	-0.006	100	287254	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	93130	49.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	286778	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	96	108396	47.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	458475	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	95	30367	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.484	0.001	99	363433	47.9	
81 Tetrachloroethene	166	5.985	5.978	0.006	88	1478	0.5743	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	353829	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	140557	52.1	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	93	214814	50.0	

Reagents:

8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

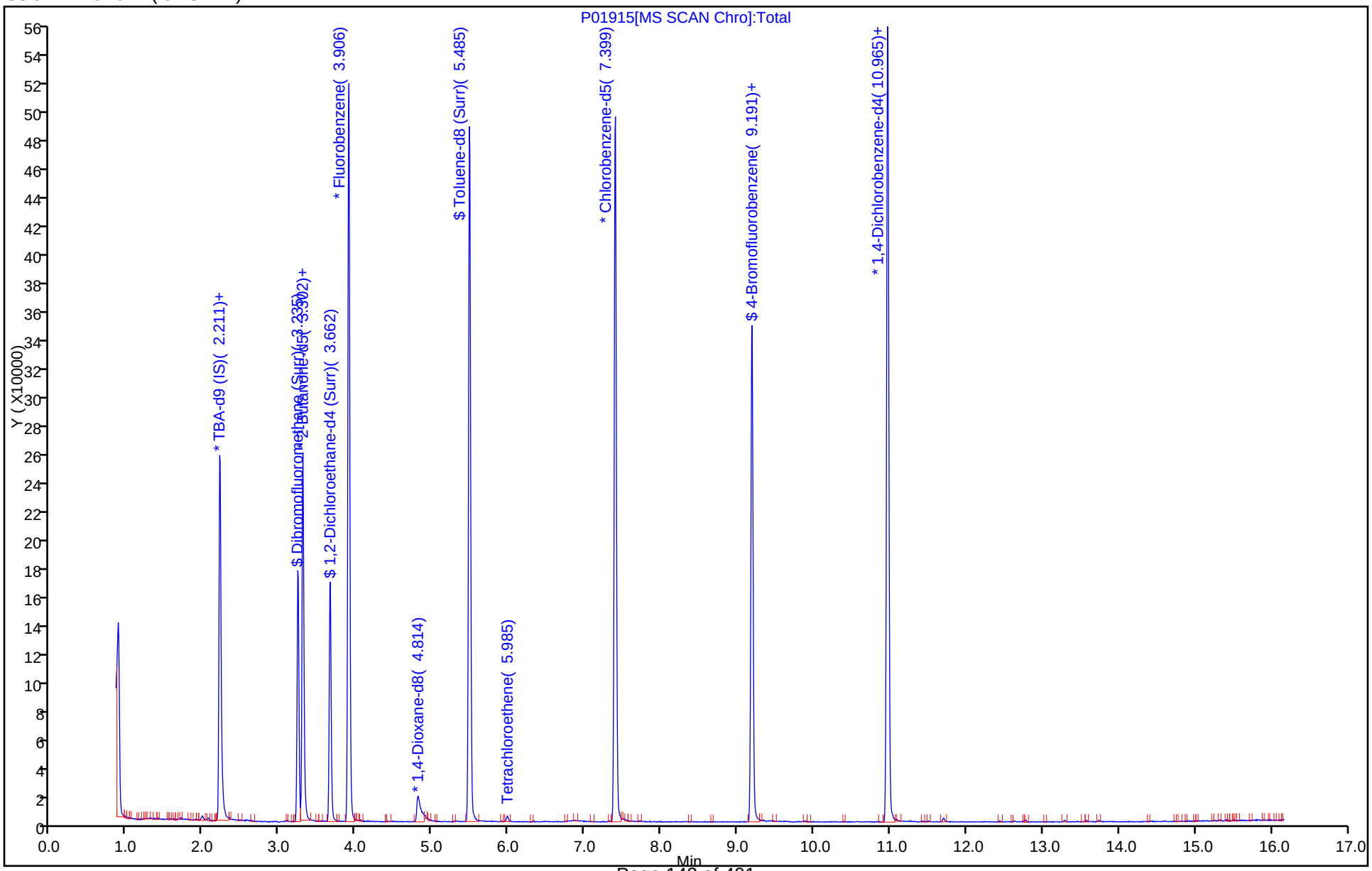
Report Date: 03-Aug-2015 08:50:41 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01915.D

Injection Date:	31-Jul-2015 23:23:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-C-5	Lab Sample ID:	460-98740-5	Worklist Smp#:	10
Client ID:	MW-44				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



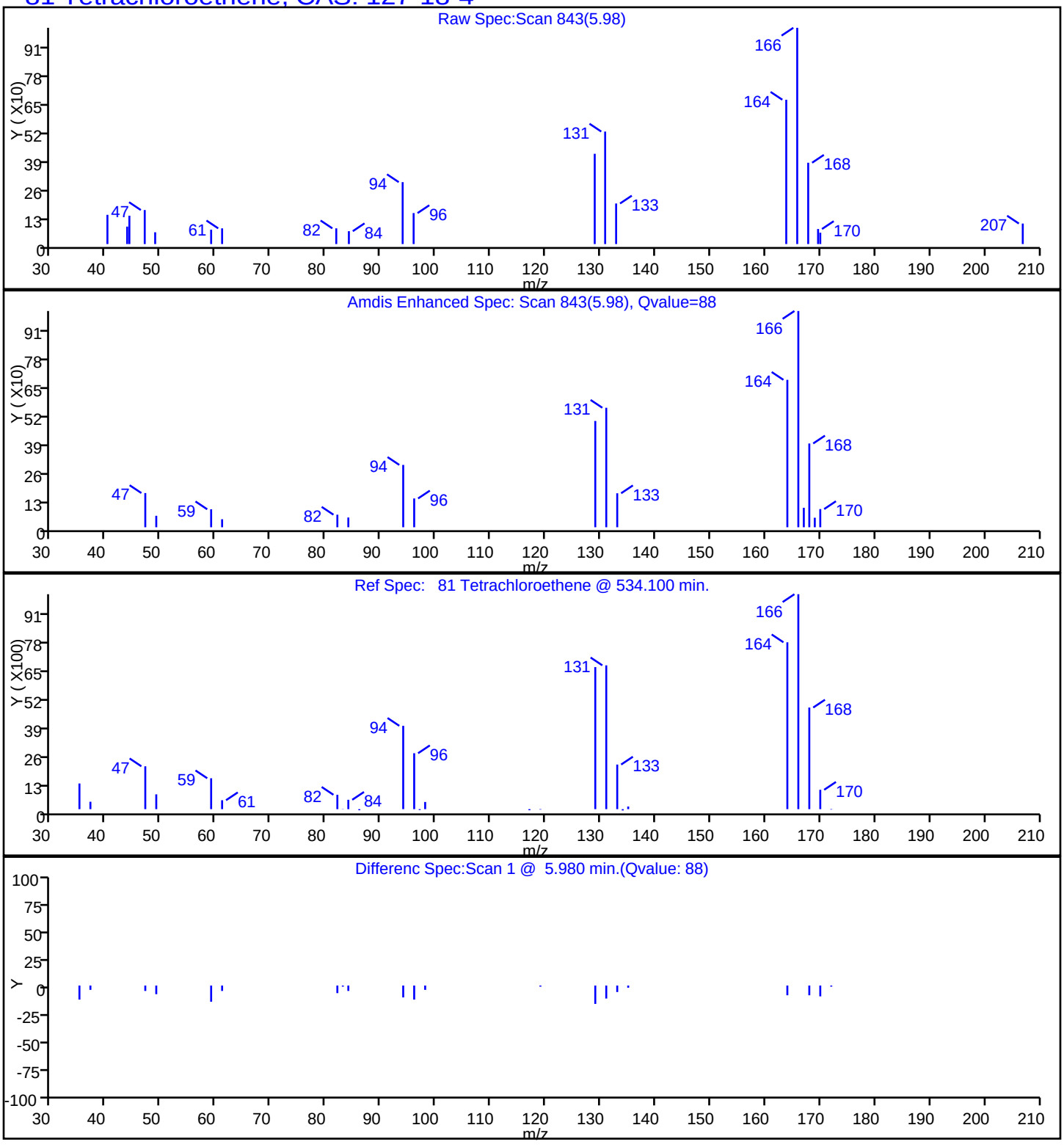
Report Date: 03-Aug-2015 08:50:41 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01915.D

Injection Date:	31-Jul-2015 23:23:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-C-5	Lab Sample ID:	460-98740-5		
Client ID:	MW-44				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-5 | Lab Sample ID: 460-98740-6

Matrix: Water | Lab File ID: P01884.D

Analysis Method: 8260C | Date Collected: 07/24/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:05

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.4		5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-5 | Lab Sample ID: 460-98740-6

Matrix: Water | Lab File ID: P01884.D

Analysis Method: 8260C | Date Collected: 07/24/2015 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:05

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	4.5		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.44	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.42	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	106		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-5 Lab Sample ID: 460-98740-6

Matrix: Water Lab File ID: P01884.D

Analysis Method: 8260C Date Collected: 07/24/2015 14:25

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01884.D
Lims ID: 460-98740-A-6 Lab Sample ID: 460-98740-6
Client ID: FB-5
Sample Type: Client
Inject. Date: 31-Jul-2015 10:05:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-A-6
Misc. Info.: 460-0030277-007
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:43:48 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:43:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	2.028	2.028	0.000	92	11028	4.47	
24 Acetone	43	2.064	2.064	0.000	85	8252	5.45	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	352193	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	96329	49.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	339511	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	112770	48.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	466643	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	95	36661	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	380901	50.4	
78 Toluene	91	5.545	5.539	0.006	93	4103	0.4192	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	352680	50.0	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	94	1768	0.4376	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	142321	52.9	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	207631	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

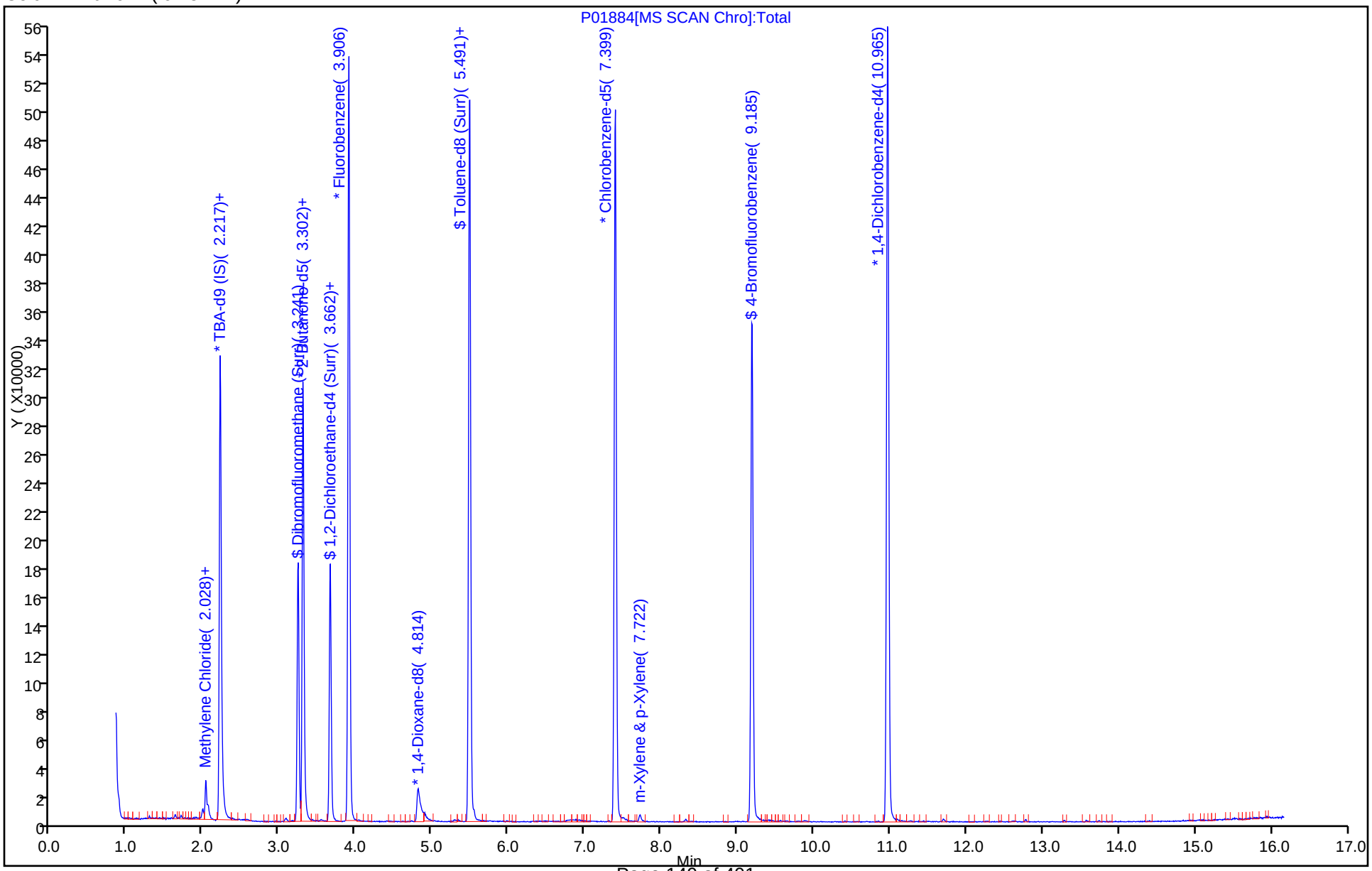
Report Date: 31-Jul-2015 16:43:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01884.D

Injection Date:	31-Jul-2015 10:05:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-A-6	Lab Sample ID:	460-98740-6	Worklist Smp#:	7
Client ID:	FB-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



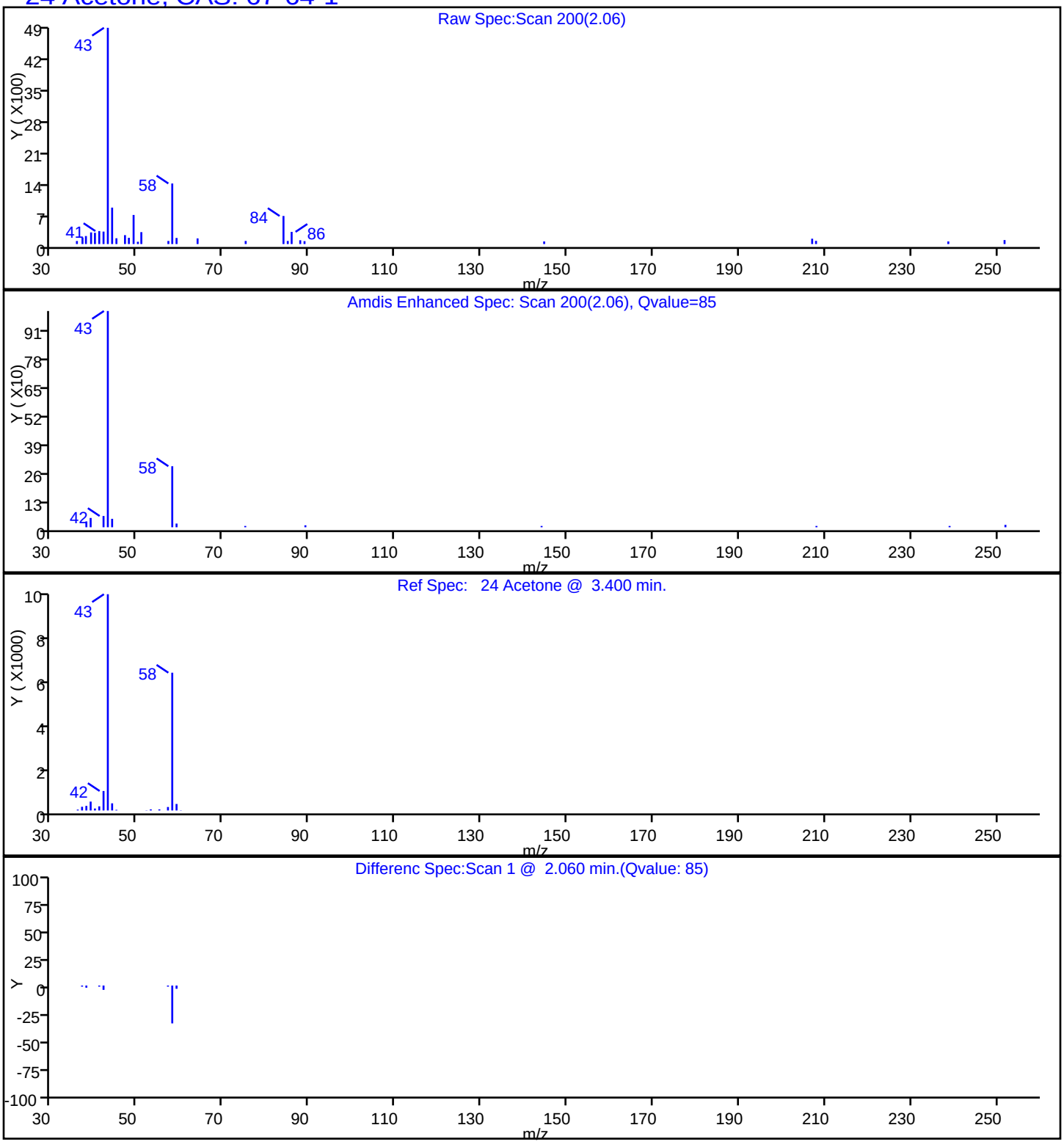
Report Date: 31-Jul-2015 16:43:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01884.D

Injection Date:	31-Jul-2015 10:05:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-A-6	Lab Sample ID:	460-98740-6
Client ID:	FB-5		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

24 Acetone, CAS: 67-64-1



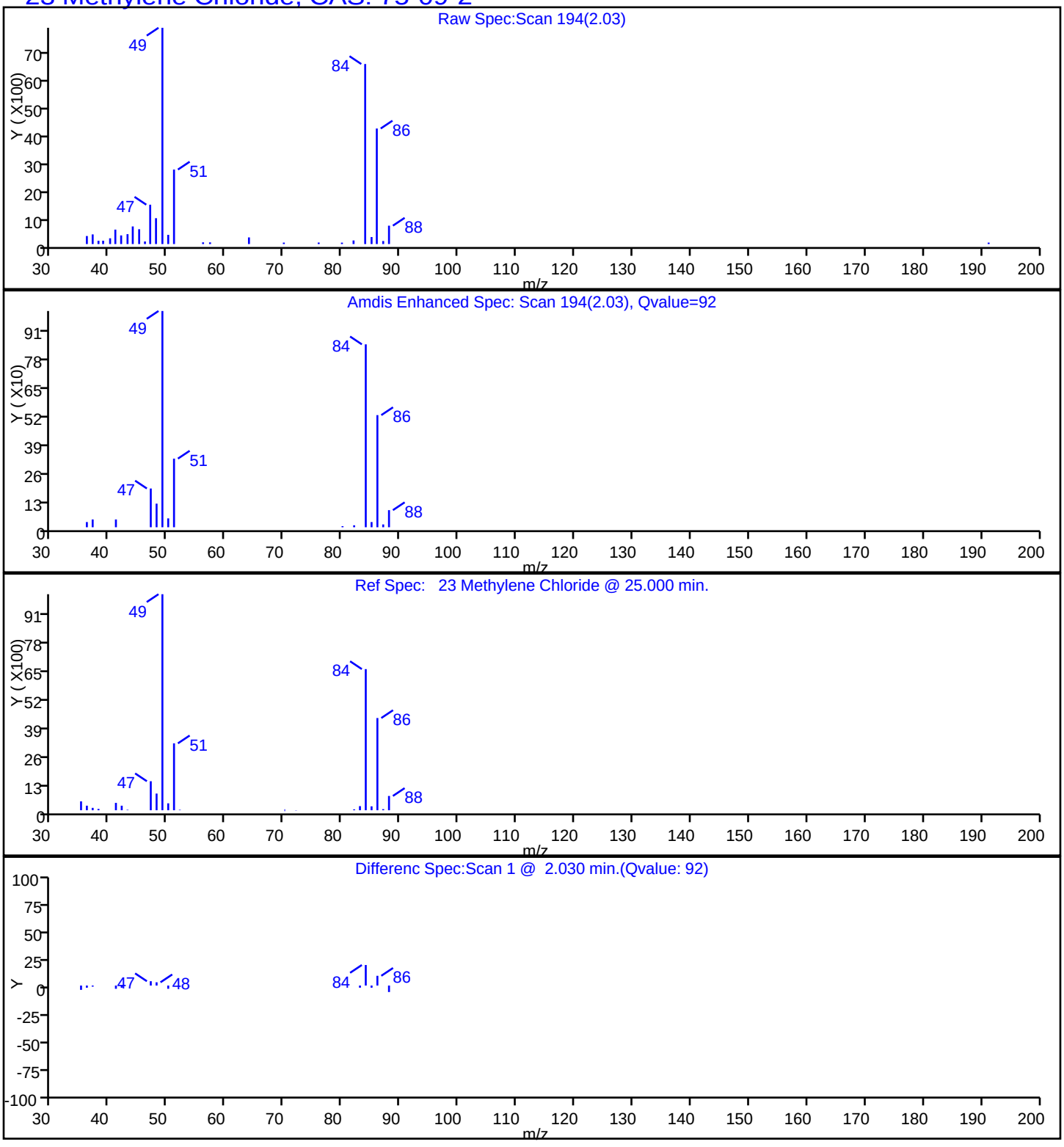
Report Date: 31-Jul-2015 16:43:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01884.D

Injection Date:	31-Jul-2015 10:05:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-A-6	Lab Sample ID:	460-98740-6		
Client ID:	FB-5				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

23 Methylene Chloride, CAS: 75-09-2



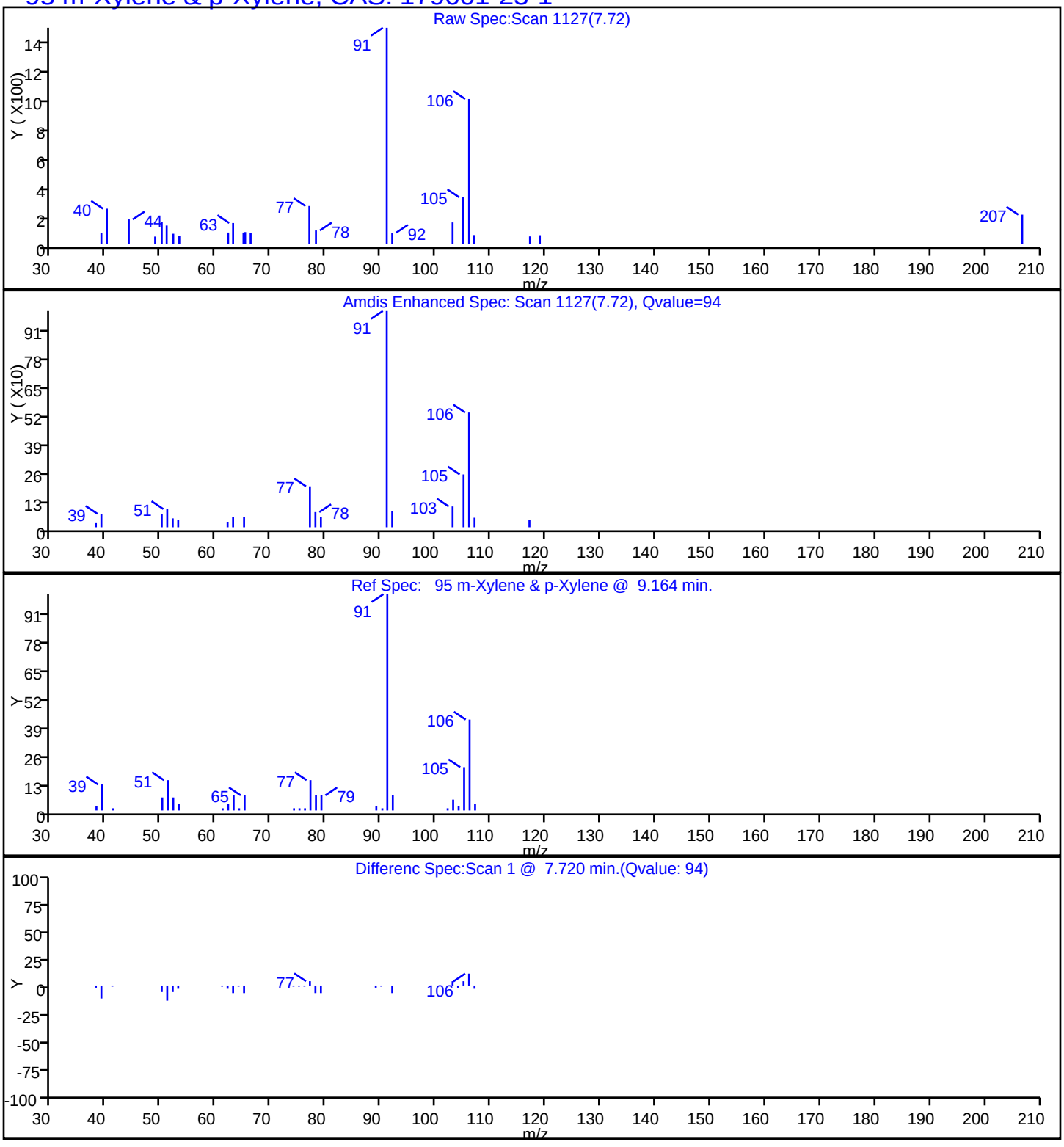
Report Date: 31-Jul-2015 16:43:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01884.D

Injection Date:	31-Jul-2015 10:05:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-A-6	Lab Sample ID:	460-98740-6		
Client ID:	FB-5				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



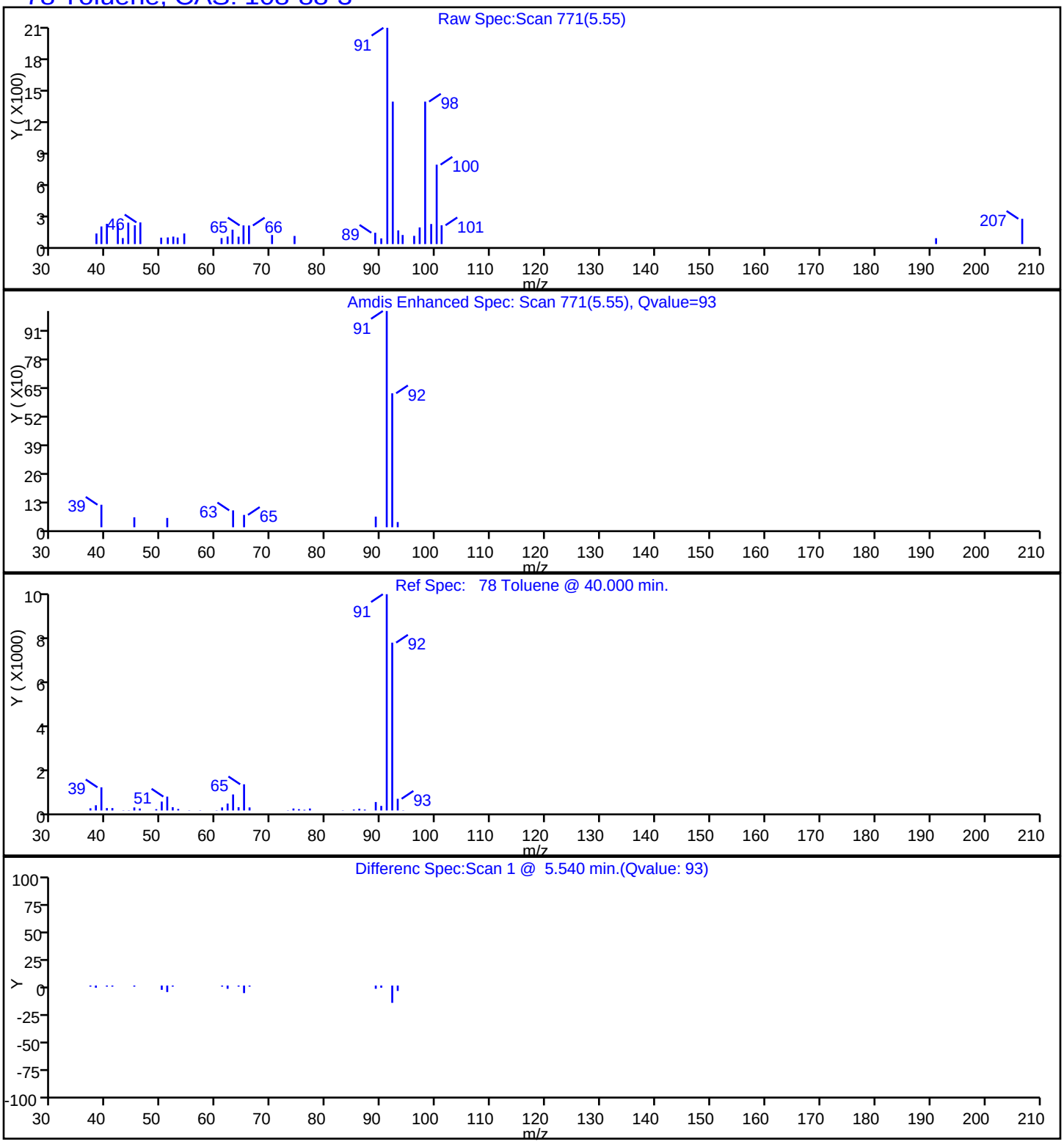
Report Date: 31-Jul-2015 16:43:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01884.D

Injection Date:	31-Jul-2015 10:05:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-A-6	Lab Sample ID:	460-98740-6
Client ID:	FB-5		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-98740-7

Matrix: Water | Lab File ID: P01898.D

Analysis Method: 8260C | Date Collected: 07/27/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.91	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-98740-7

Matrix: Water | Lab File ID: P01898.D

Analysis Method: 8260C | Date Collected: 07/27/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.20	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	102		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-20 Lab Sample ID: 460-98740-7

Matrix: Water Lab File ID: P01898.D

Analysis Method: 8260C Date Collected: 07/27/2015 09:05

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:56

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01898.D
Lims ID: 460-98740-B-7 Lab Sample ID: 460-98740-7
Client ID: MW-20
Sample Type: Client
Inject. Date: 31-Jul-2015 15:56:30 ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-7
Misc. Info.: 460-0030277-021
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 17:15:13 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 17:15:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	280726	1000.0	
43 Chloroform	83	3.101	3.101	0.000	96	3172	0.9067	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	88405	51.0	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	272549	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	102458	49.0	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	419571	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	95	27919	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	333983	47.5	
81 Tetrachloroethene	166	5.985	5.978	0.007	79	486	0.2039	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	327731	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	126906	50.8	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	93	194328	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

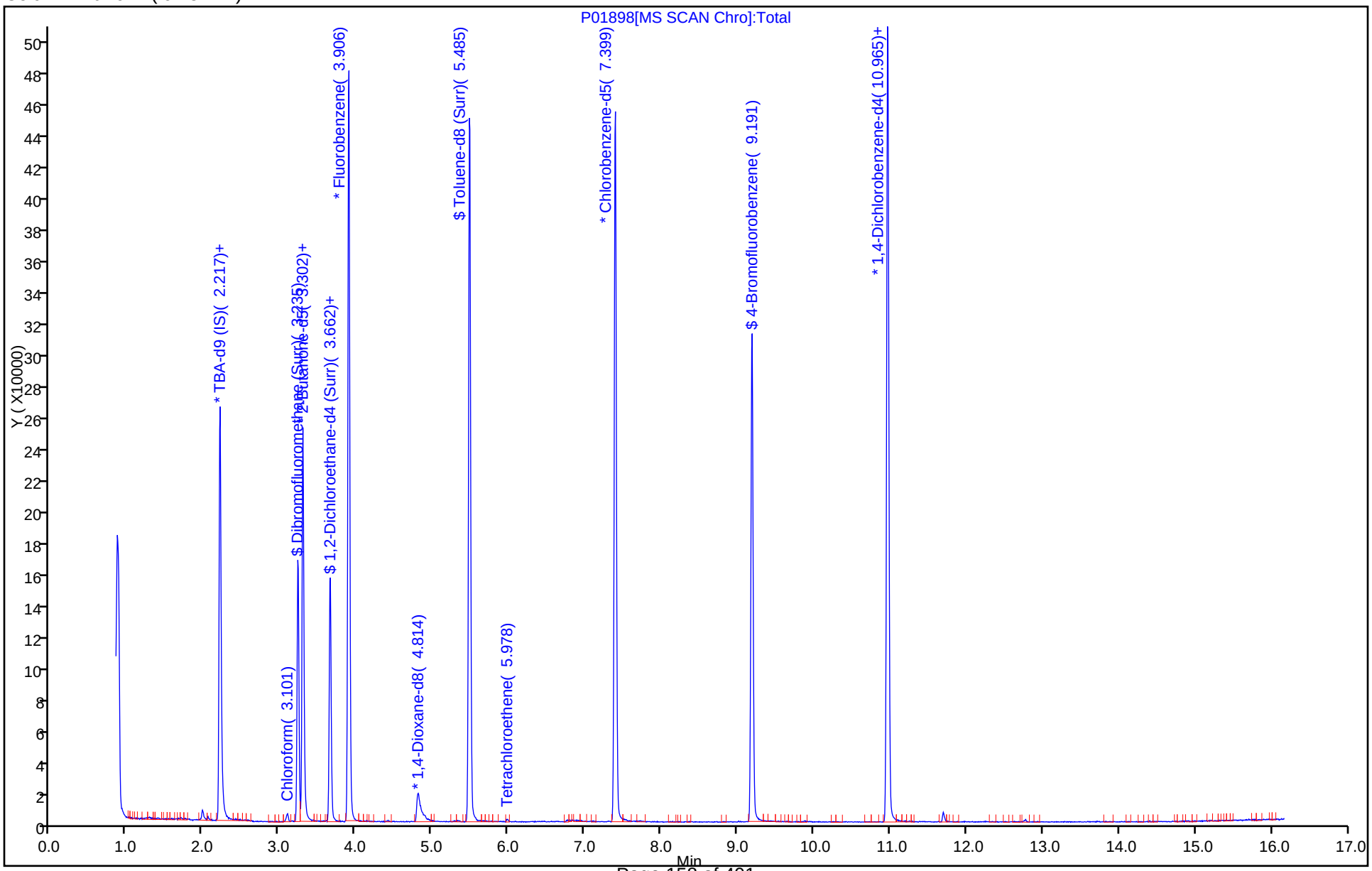
Report Date: 31-Jul-2015 17:15:14 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01898.D

Injection Date:	31-Jul-2015 15:56:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-7	Lab Sample ID:	460-98740-7	Worklist Smp#:	21
Client ID:	MW-20				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



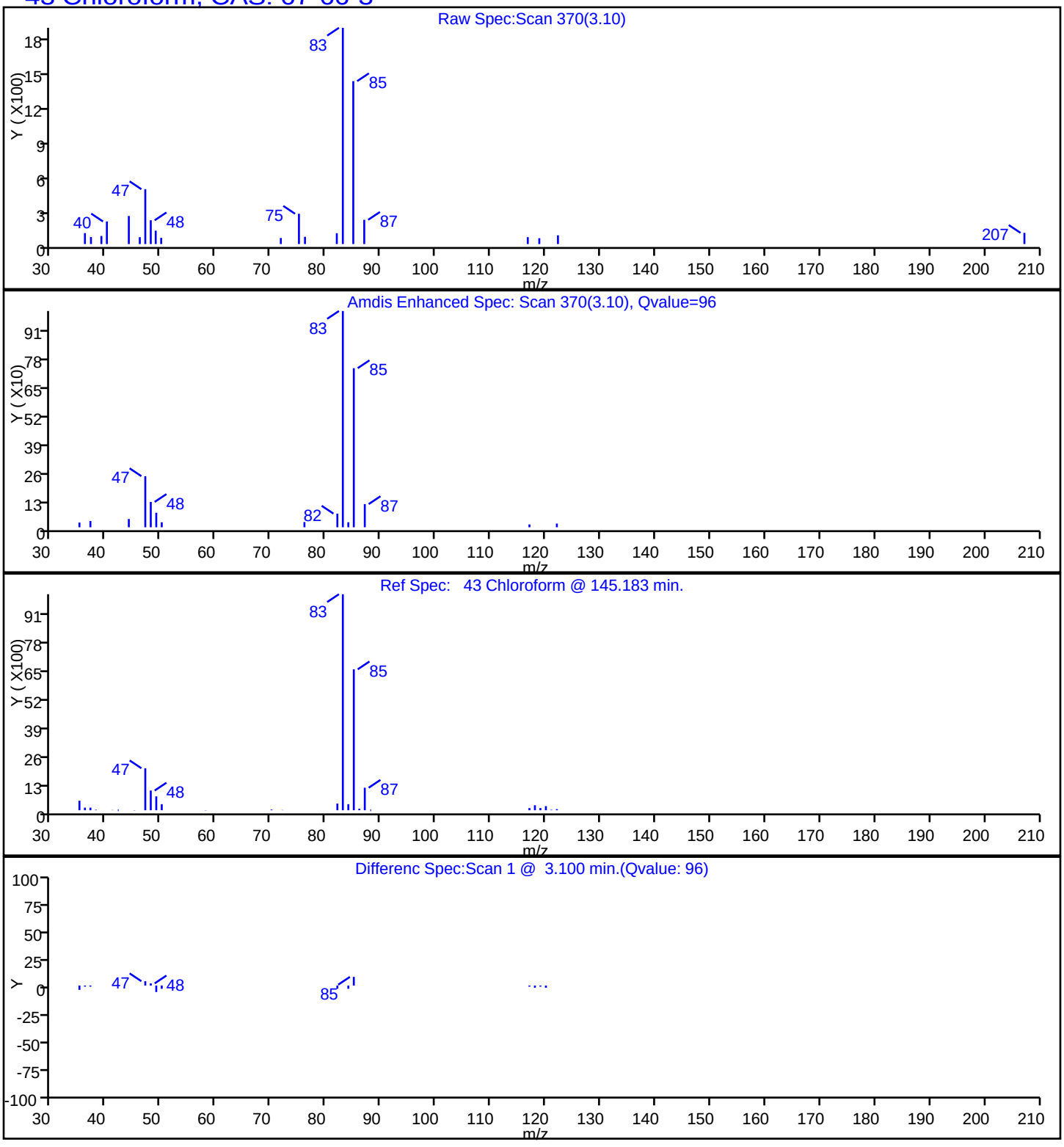
Report Date: 31-Jul-2015 17:15:14 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01898.D

Injection Date:	31-Jul-2015 15:56:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-7	Lab Sample ID:	460-98740-7		
Client ID:	MW-20				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



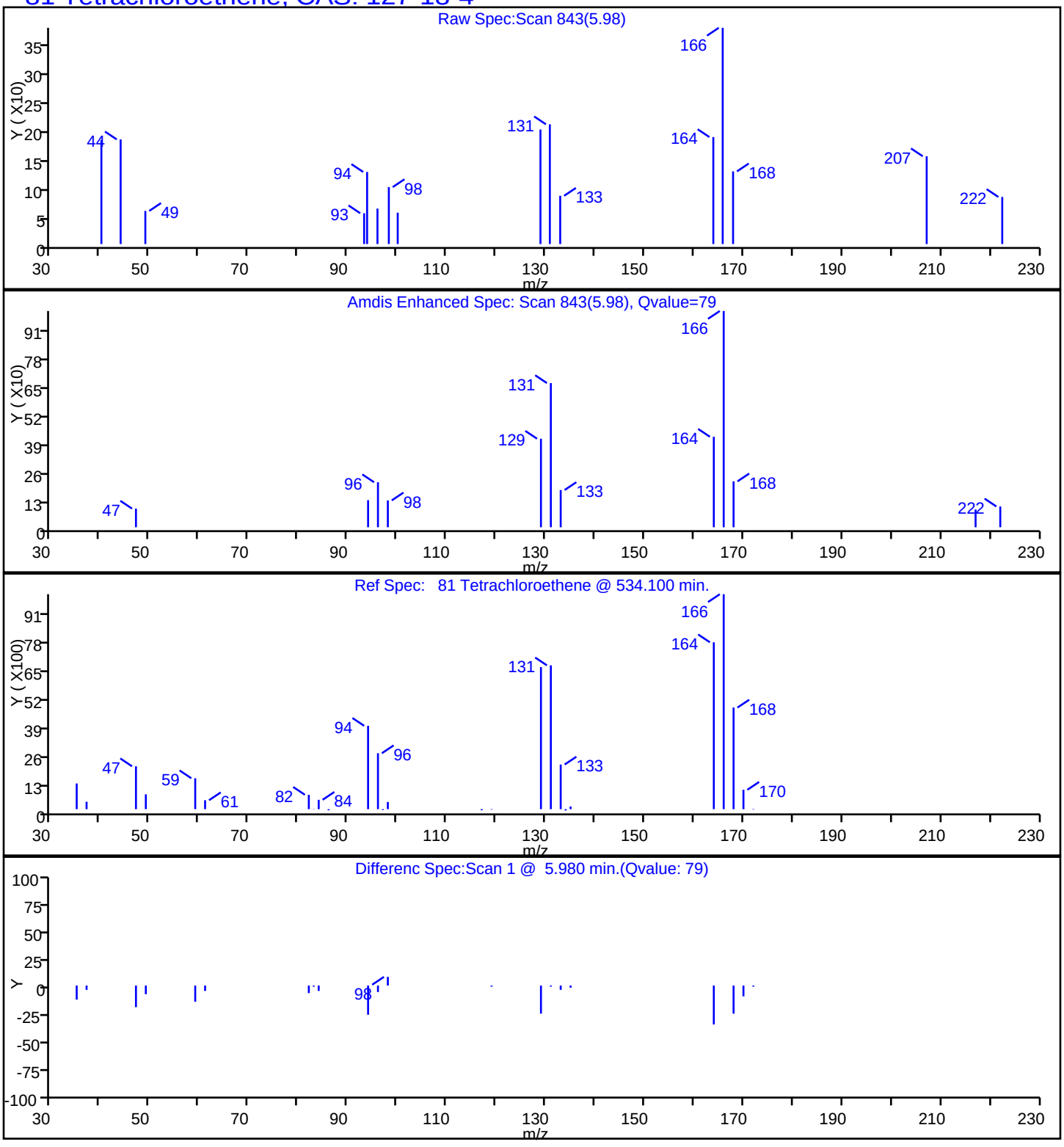
Report Date: 31-Jul-2015 17:15:14 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01898.D

Injection Date:	31-Jul-2015 15:56:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-7	Lab Sample ID:	460-98740-7
Client ID:	MW-20		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-26 | Lab Sample ID: 460-98740-8

Matrix: Water | Lab File ID: P01914.D

Analysis Method: 8260C | Date Collected: 07/27/2015 10:43

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 22:58

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-26 | Lab Sample ID: 460-98740-8

Matrix: Water | Lab File ID: P01914.D

Analysis Method: 8260C | Date Collected: 07/27/2015 10:43

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 22:58

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.16	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-26 Lab Sample ID: 460-98740-8

Matrix: Water Lab File ID: P01914.D

Analysis Method: 8260C Date Collected: 07/27/2015 10:43

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 22:58

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01914.D
Lims ID: 460-98740-C-8 Lab Sample ID: 460-98740-8
Client ID: MW-26
Sample Type: Client
Inject. Date: 31-Jul-2015 22:58:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-C-8
Misc. Info.: 460-0030286-009
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 08:49:51 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: kaewjindao Date: 03-Aug-2015 15:58:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.217	-0.006	100	282476	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	94398	48.6	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	284801	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	109222	46.6	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	469965	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	29162	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.484	0.001	99	373621	47.8	
81 Tetrachloroethene	166	5.984	5.978	0.006	81	414	0.1560	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	364750	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	143214	51.5	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	93	215727	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

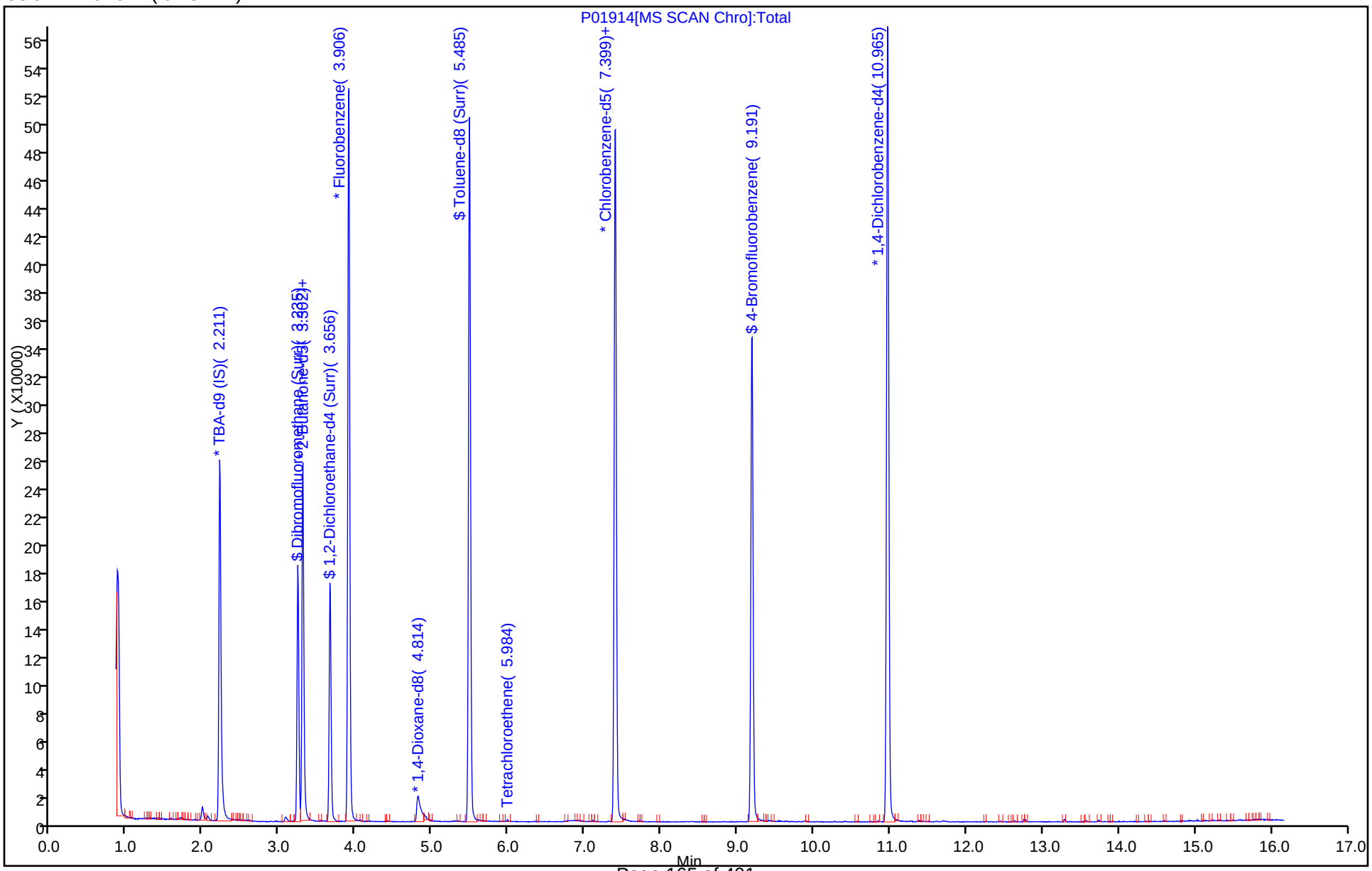
Report Date: 03-Aug-2015 08:50:34 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01914.D

Injection Date:	31-Jul-2015 22:58:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-C-8	Lab Sample ID:	460-98740-8	Worklist Smp#:	9
Client ID:	MW-26				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



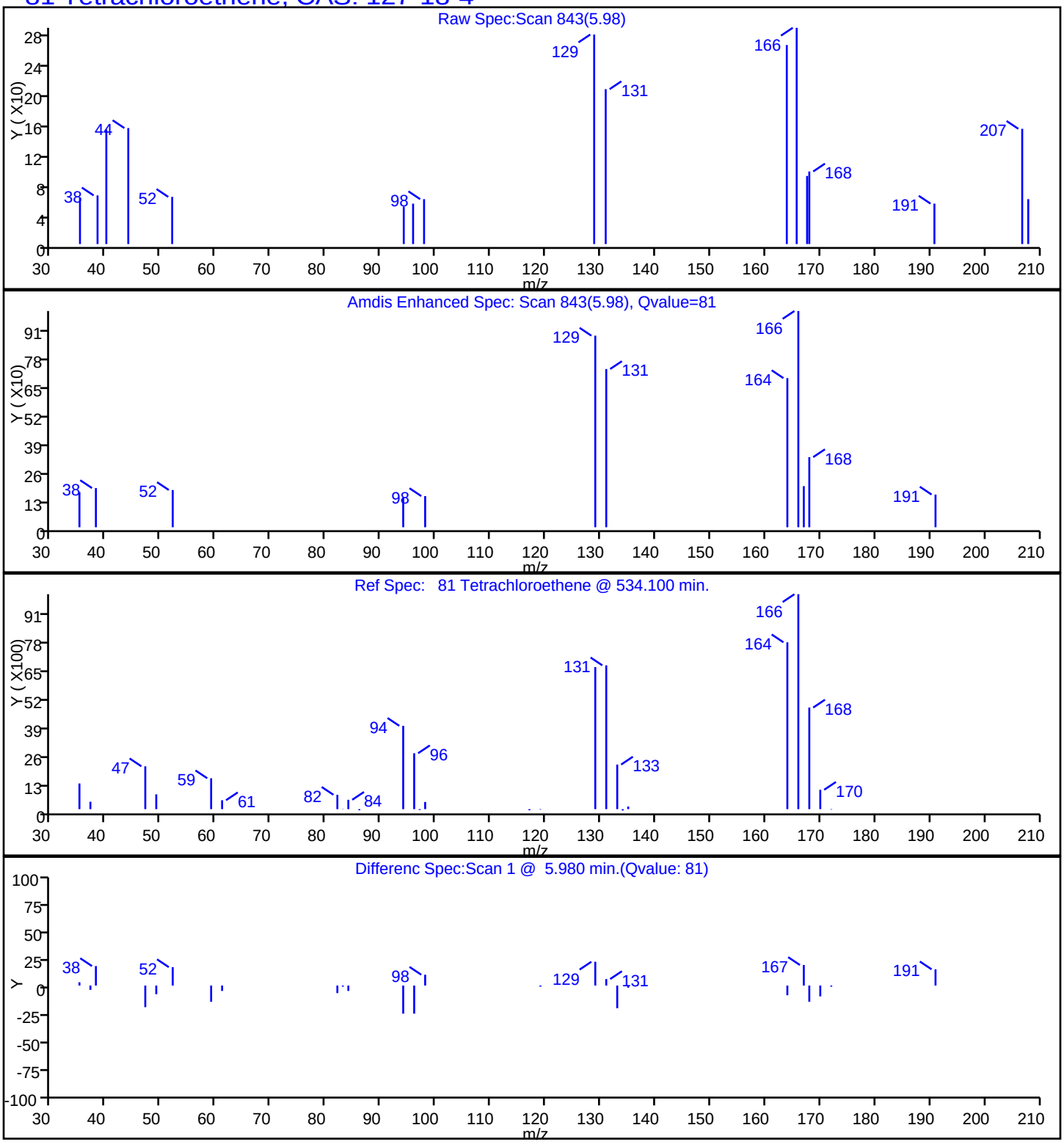
Report Date: 03-Aug-2015 08:50:34 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01914.D

Injection Date:	31-Jul-2015 22:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-C-8	Lab Sample ID:	460-98740-8
Client ID:	MW-26		
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-34 | Lab Sample ID: 460-98740-9

Matrix: Water | Lab File ID: P01893.D

Analysis Method: 8260C | Date Collected: 07/27/2015 12:34

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 13:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.55	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-34 | Lab Sample ID: 460-98740-9

Matrix: Water | Lab File ID: P01893.D

Analysis Method: 8260C | Date Collected: 07/27/2015 12:34

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 13:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.31	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-34 Lab Sample ID: 460-98740-9

Matrix: Water Lab File ID: P01893.D

Analysis Method: 8260C Date Collected: 07/27/2015 12:34

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 13:51

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01893.D
Lims ID: 460-98740-B-9 Lab Sample ID: 460-98740-9
Client ID: MW-34
Sample Type: Client
Inject. Date: 31-Jul-2015 13:51:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-9
Misc. Info.: 460-0030277-016
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:50:08 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:50:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	283184	1000.0	
43 Chloroform	83	3.101	3.101	0.000	95	1946	0.5469	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	91980	52.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	274747	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	105728	49.7	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	426806	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	92	28694	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	347914	49.3	
81 Tetrachloroethene	166	5.990	5.978	0.012	90	738	0.3086	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	328737	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	130372	52.0	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	93	196633	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

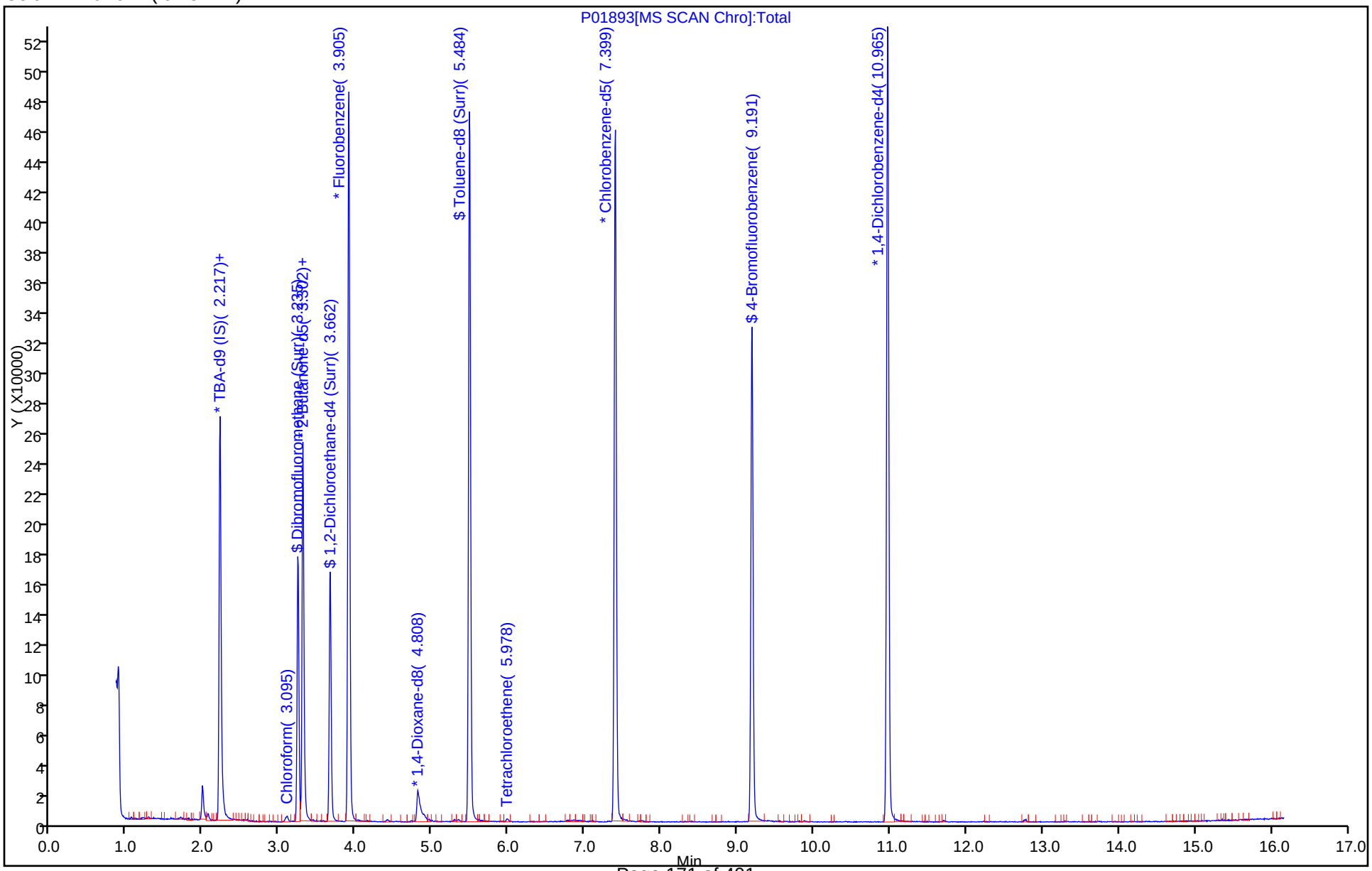
Report Date: 31-Jul-2015 16:50:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01893.D

Injection Date:	31-Jul-2015 13:51:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-9	Lab Sample ID:	460-98740-9	Worklist Smp#:	16
Client ID:	MW-34				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



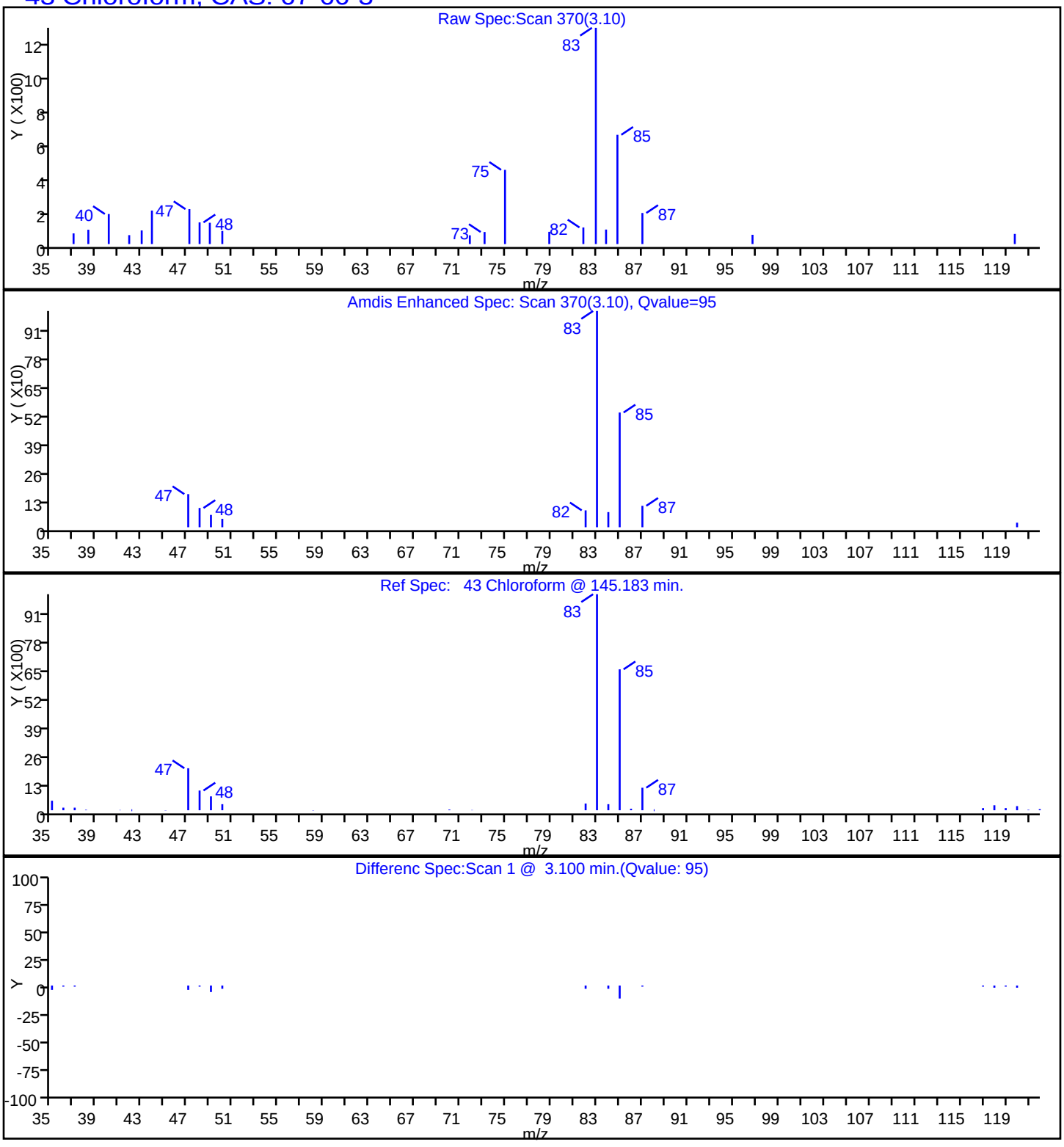
Report Date: 31-Jul-2015 16:50:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01893.D

Injection Date:	31-Jul-2015 13:51:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-9	Lab Sample ID:	460-98740-9		
Client ID:	MW-34				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



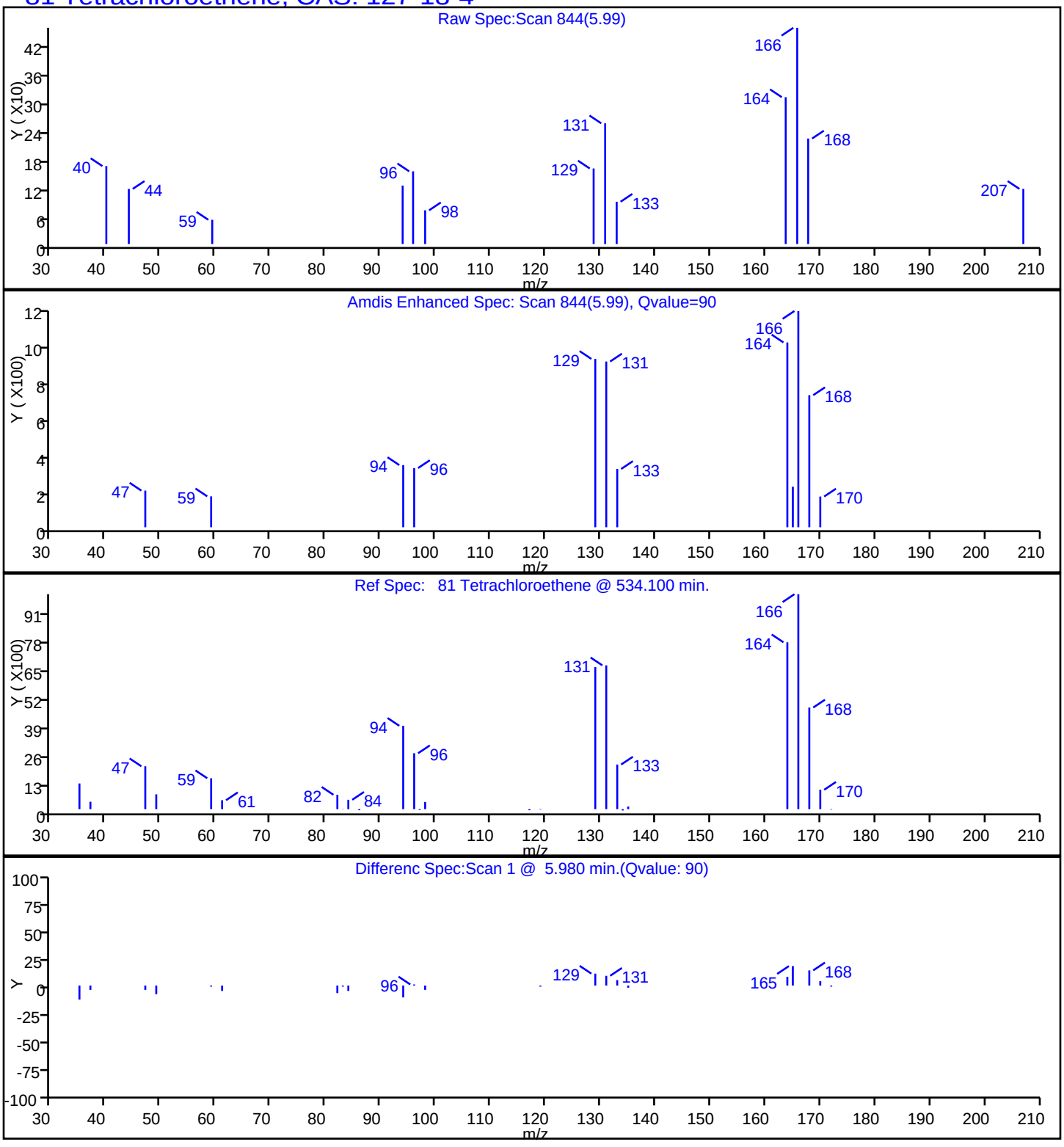
Report Date: 31-Jul-2015 16:50:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01893.D

Injection Date:	31-Jul-2015 13:51:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-9	Lab Sample ID:	460-98740-9
Client ID:	MW-34		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-56 | Lab Sample ID: 460-98740-10

Matrix: Water | Lab File ID: P01894.D

Analysis Method: 8260C | Date Collected: 07/27/2015 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 14:16

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-56 | Lab Sample ID: 460-98740-10

Matrix: Water | Lab File ID: P01894.D

Analysis Method: 8260C | Date Collected: 07/27/2015 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 14:16

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.27	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	100		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-56 Lab Sample ID: 460-98740-10

Matrix: Water Lab File ID: P01894.D

Analysis Method: 8260C Date Collected: 07/27/2015 14:05

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 14:16

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01894.D
Lims ID: 460-98740-B-10 Lab Sample ID: 460-98740-10
Client ID: MW-56
Sample Type: Client
Inject. Date: 31-Jul-2015 14:16:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-10
Misc. Info.: 460-0030277-017
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:51:08 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:51:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	288688	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	91187	50.2	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	276564	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	103253	47.2	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	438933	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	93	29925	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	343961	47.3	
81 Tetrachloroethene	166	5.990	5.978	0.012	93	672	0.2725	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	339005	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	129755	50.2	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	204281	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

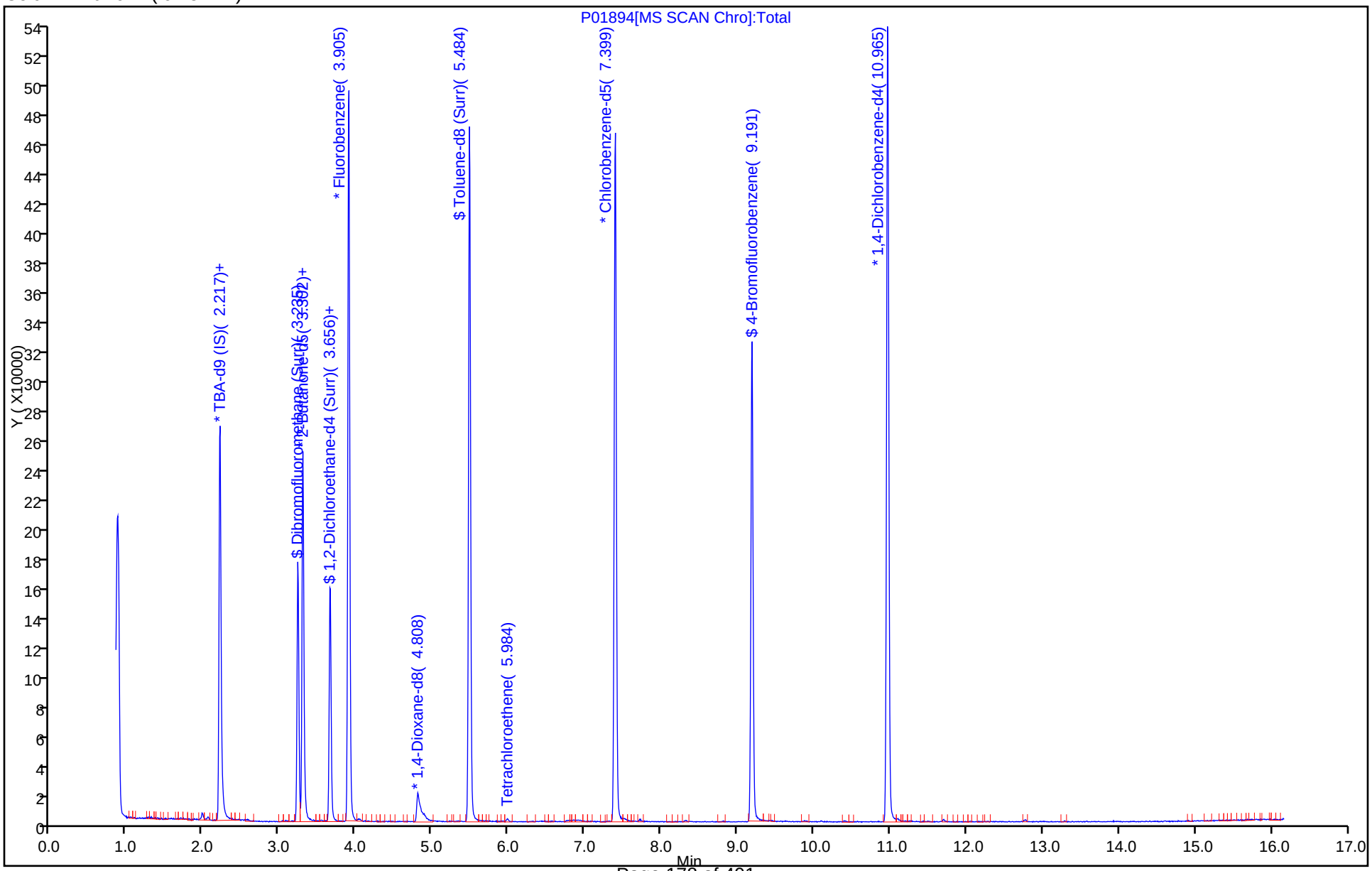
Report Date: 31-Jul-2015 16:51:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01894.D

Injection Date:	31-Jul-2015 14:16:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-10	Lab Sample ID:	460-98740-10	Worklist Smp#:	17
Client ID:	MW-56				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



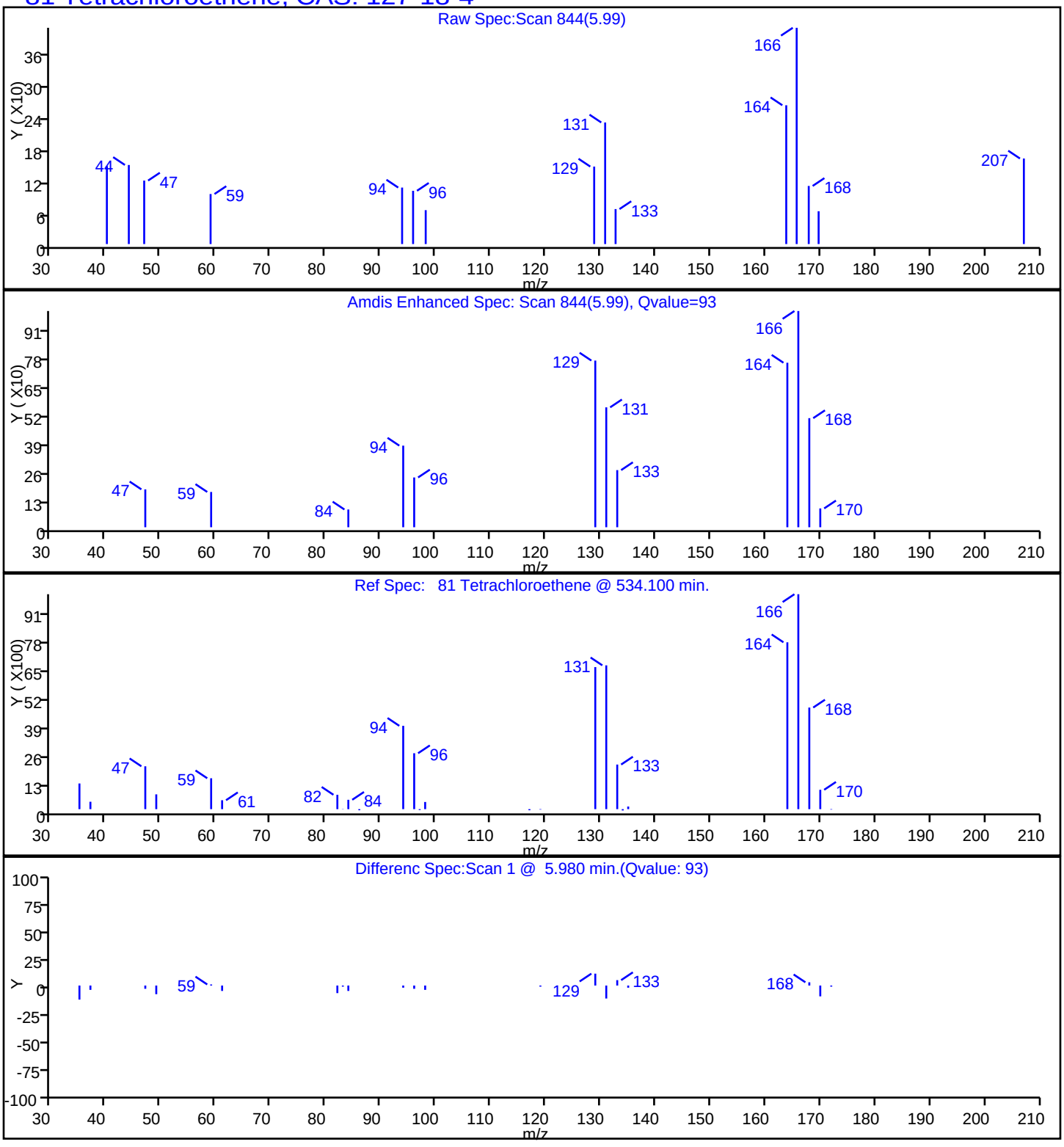
Report Date: 31-Jul-2015 16:51:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01894.D

Injection Date:	31-Jul-2015 14:16:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-10	Lab Sample ID:	460-98740-10		
Client ID:	MW-56				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-6 | Lab Sample ID: 460-98740-11

Matrix: Water | Lab File ID: P01885.D

Analysis Method: 8260C | Date Collected: 07/27/2015 14:36

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:30

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.8		5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-6 | Lab Sample ID: 460-98740-11

Matrix: Water | Lab File ID: P01885.D

Analysis Method: 8260C | Date Collected: 07/27/2015 14:36

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:30

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	4.2		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.38	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.31	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-6 | Lab Sample ID: 460-98740-11

Matrix: Water | Lab File ID: P01885.D

Analysis Method: 8260C | Date Collected: 07/27/2015 14:36

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:30

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01885.D
Lims ID: 460-98740-B-11 Lab Sample ID: 460-98740-11
Client ID: FB-6
Sample Type: Client
Inject. Date: 31-Jul-2015 10:30:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-11
Misc. Info.: 460-0030277-008
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:44:31 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:44:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	2.028	2.028	0.000	91	10090	4.19	
24 Acetone	43	2.058	2.064	-0.006	85	8109	5.77	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	325295	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	96185	51.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	314917	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	112236	49.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	454835	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	93	33768	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	366940	48.8	
78 Toluene	91	5.546	5.539	0.007	90	3037	0.3118	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	350892	50.0	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	94	1528	0.3801	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	138772	51.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	207353	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

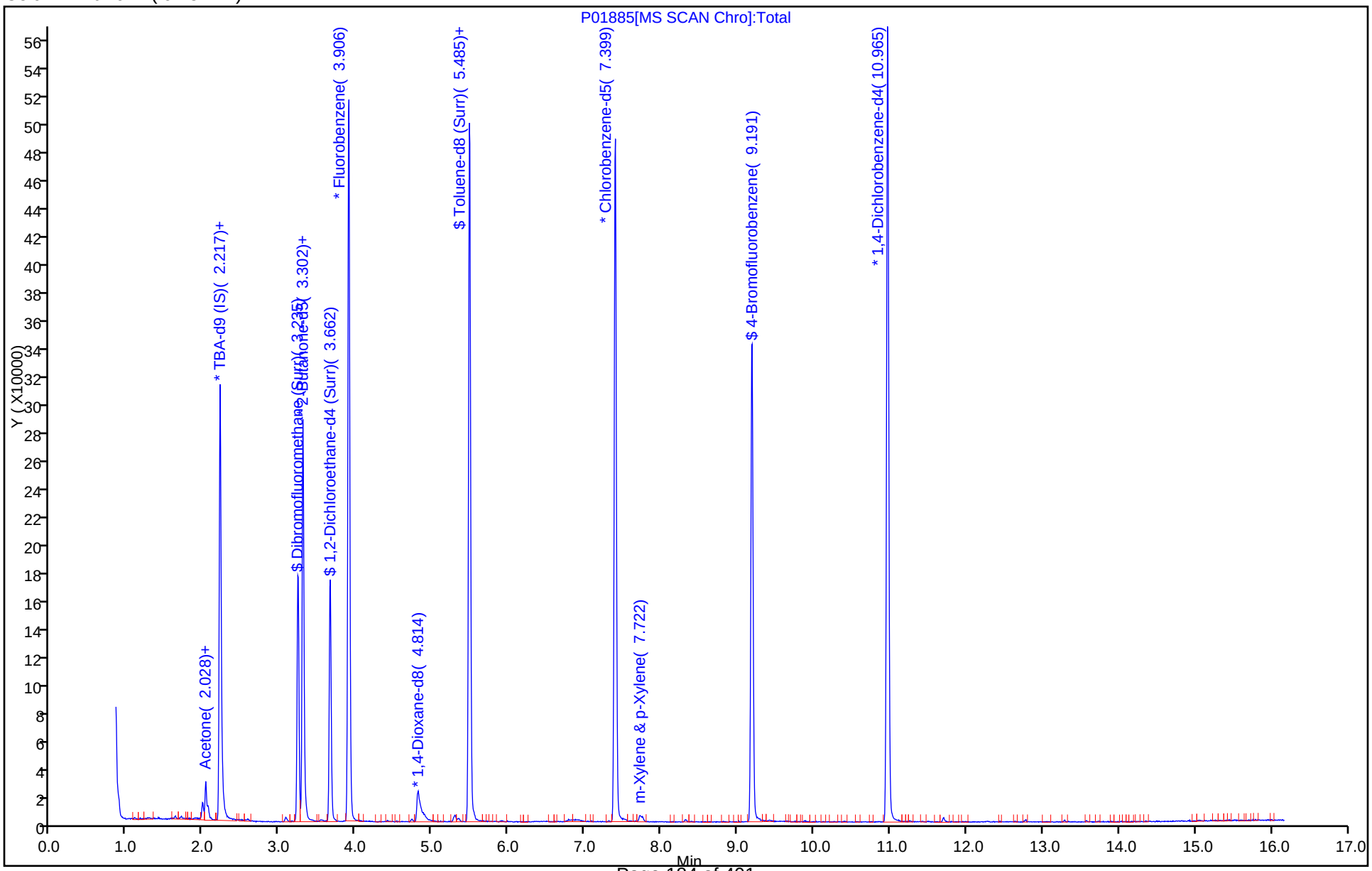
Report Date: 31-Jul-2015 16:44:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01885.D

Injection Date:	31-Jul-2015 10:30:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-11	Lab Sample ID:	460-98740-11	Worklist Smp#:	8
Client ID:	FB-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



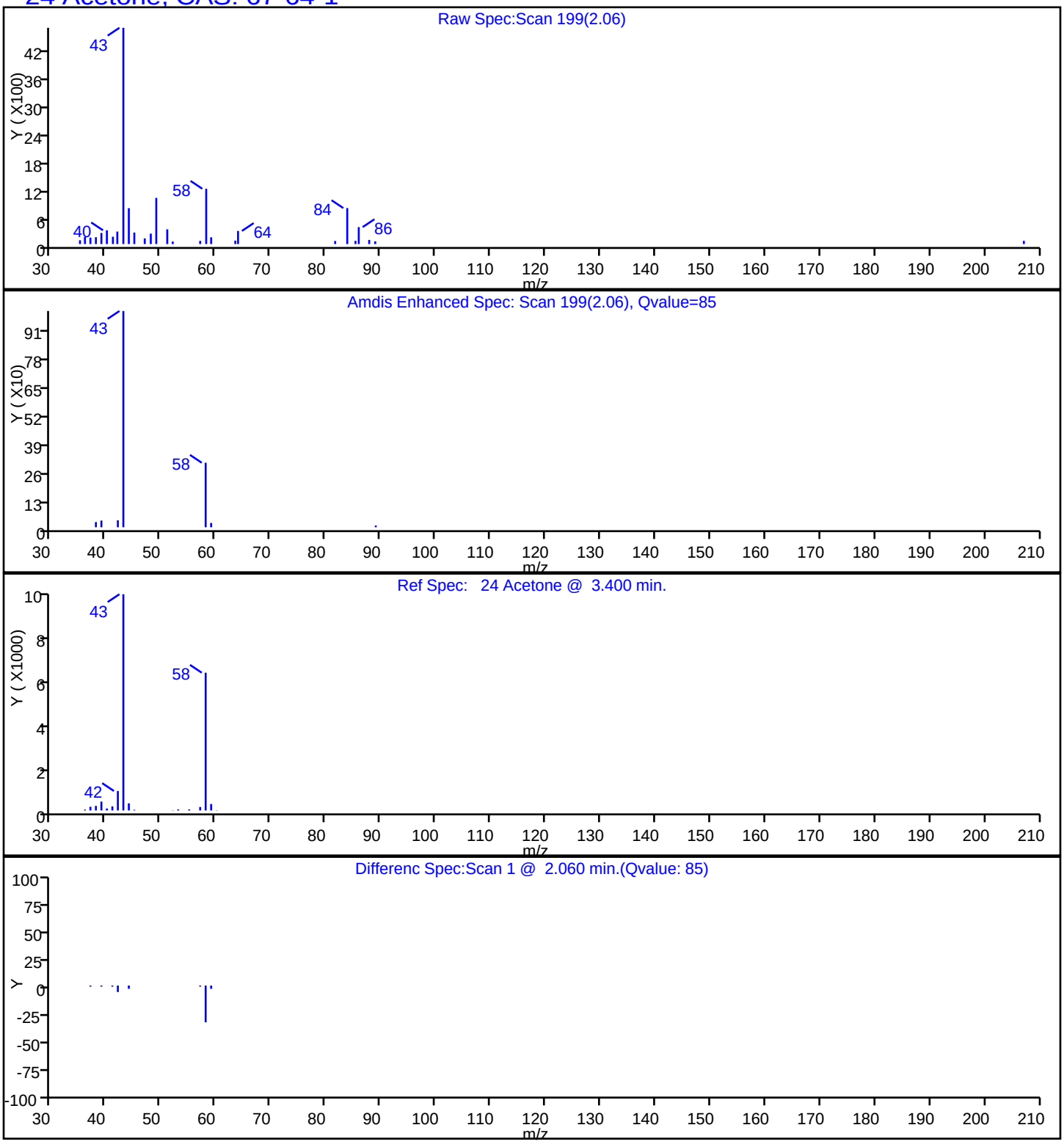
Report Date: 31-Jul-2015 16:44:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01885.D

Injection Date:	31-Jul-2015 10:30:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-11	Lab Sample ID:	460-98740-11		
Client ID:	FB-6				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

24 Acetone, CAS: 67-64-1



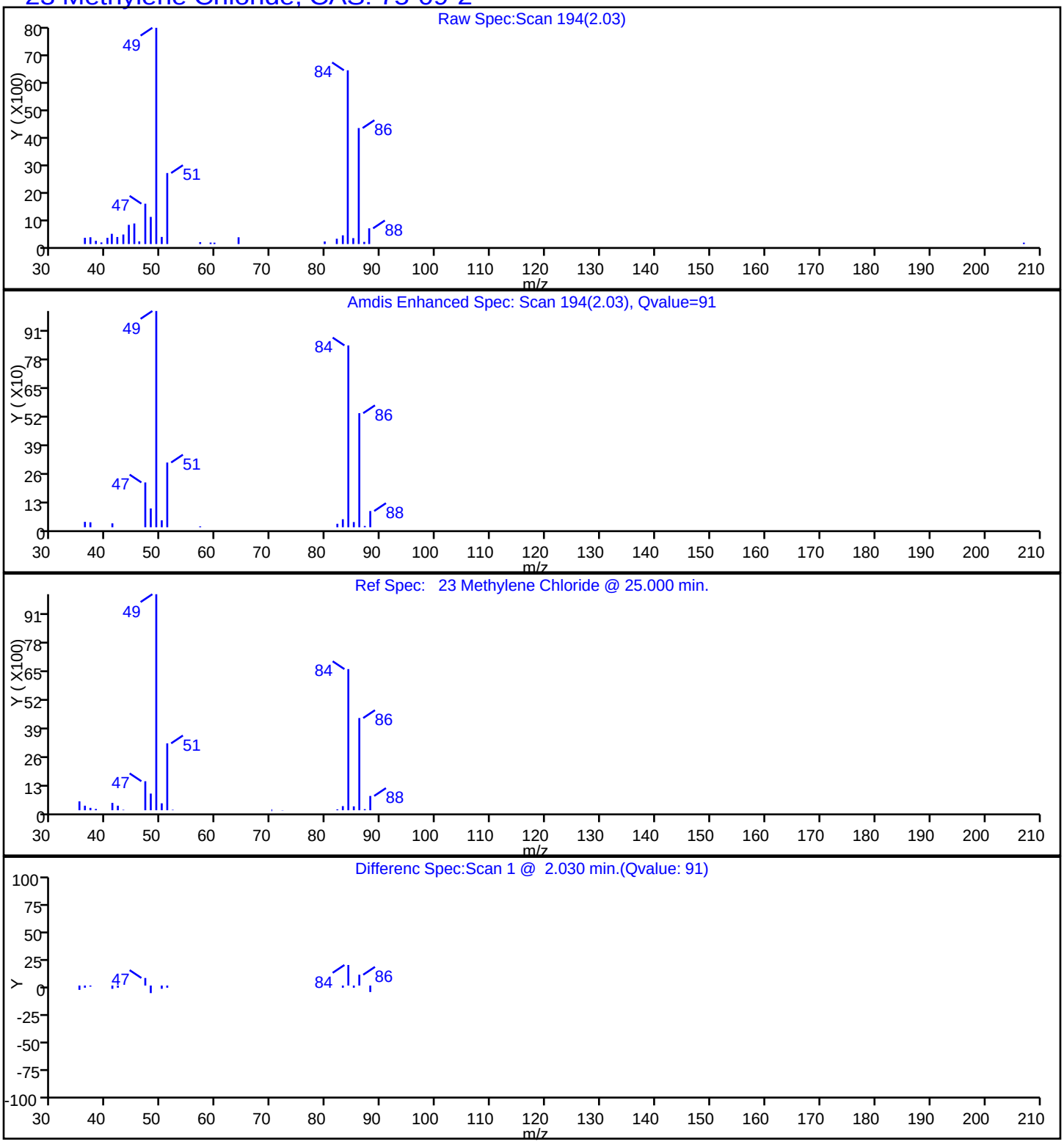
Report Date: 31-Jul-2015 16:44:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01885.D

Injection Date:	31-Jul-2015 10:30:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-11	Lab Sample ID:	460-98740-11		
Client ID:	FB-6				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

23 Methylene Chloride, CAS: 75-09-2

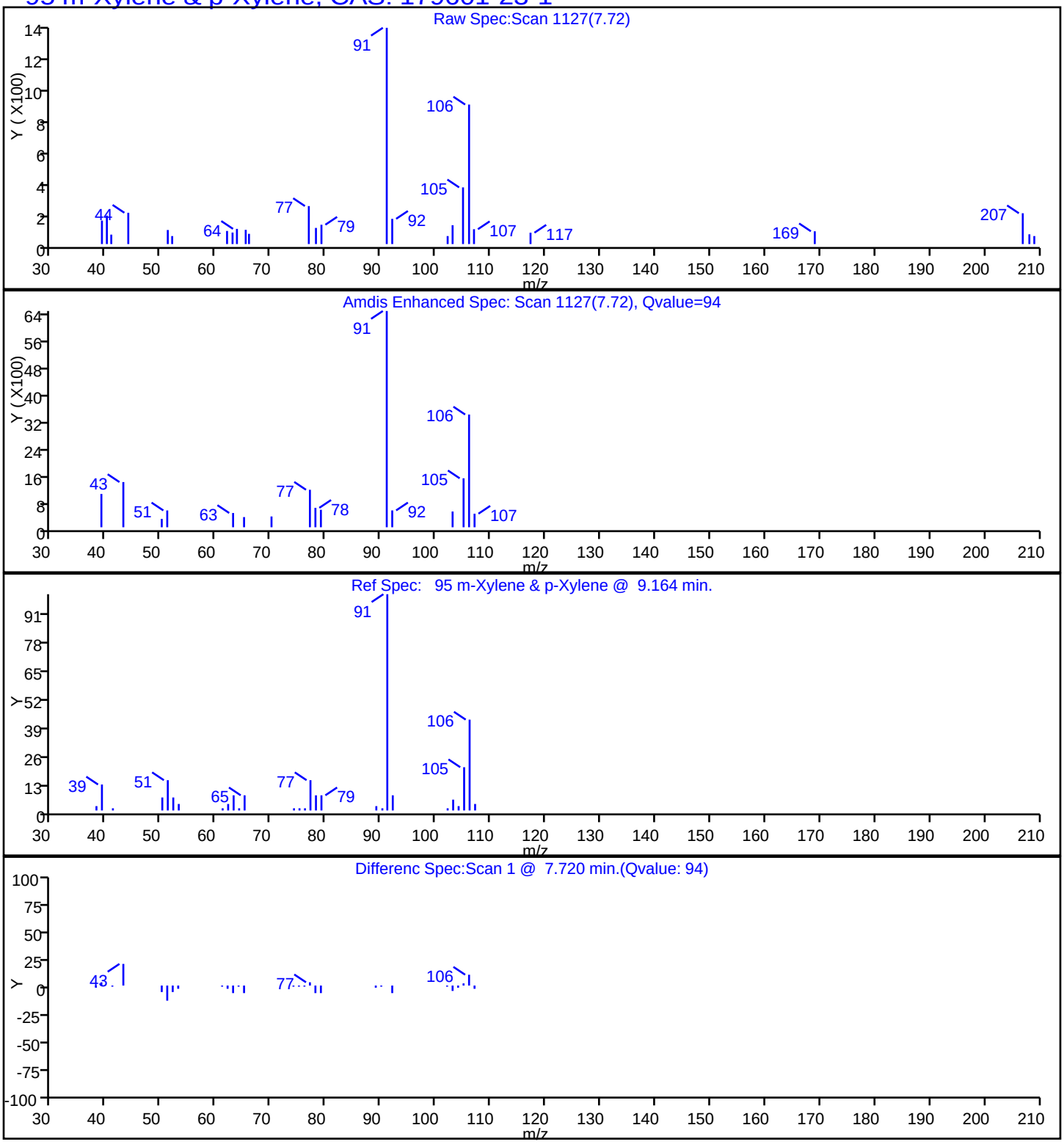


Report Date: 31-Jul-2015 16:44:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01885.D				
Injection Date:	31-Jul-2015 10:30:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-11	Lab Sample ID:	460-98740-11		
Client ID:	FB-6				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



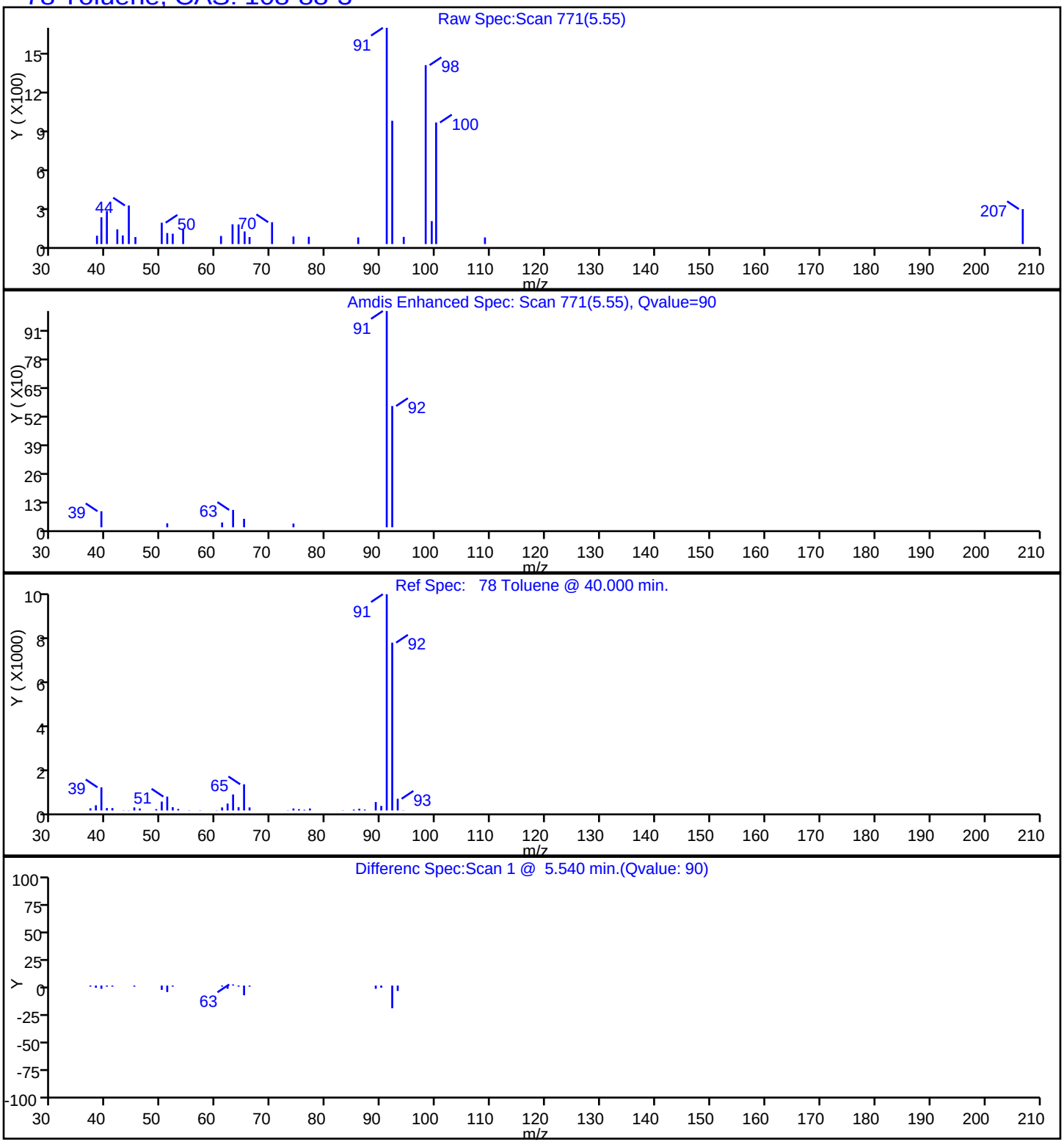
Report Date: 31-Jul-2015 16:44:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01885.D

Injection Date:	31-Jul-2015 10:30:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-11	Lab Sample ID:	460-98740-11		
Client ID:	FB-6				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

78 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-54 | Lab Sample ID: 460-98740-12

Matrix: Water | Lab File ID: P01895.D

Analysis Method: 8260C | Date Collected: 07/28/2015 09:26

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 14:41

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.48	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-54 | Lab Sample ID: 460-98740-12

Matrix: Water | Lab File ID: P01895.D

Analysis Method: 8260C | Date Collected: 07/28/2015 09:26

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 14:41

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.71	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-54 Lab Sample ID: 460-98740-12

Matrix: Water Lab File ID: P01895.D

Analysis Method: 8260C Date Collected: 07/28/2015 09:26

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 14:41

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01895.D
Lims ID: 460-98740-B-12 Lab Sample ID: 460-98740-12
Client ID: MW-54
Sample Type: Client
Inject. Date: 31-Jul-2015 14:41:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-12
Misc. Info.: 460-0030277-018
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:51:42 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:51:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	268108	1000.0	
43 Chloroform	83	3.101	3.101	0.000	99	1718	0.4817	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	91733	51.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	257400	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	103451	48.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	427809	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	27323	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	341540	48.5	
81 Tetrachloroethene	166	5.984	5.978	0.006	96	1707	0.7149	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	328266	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	130985	52.3	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	198206	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

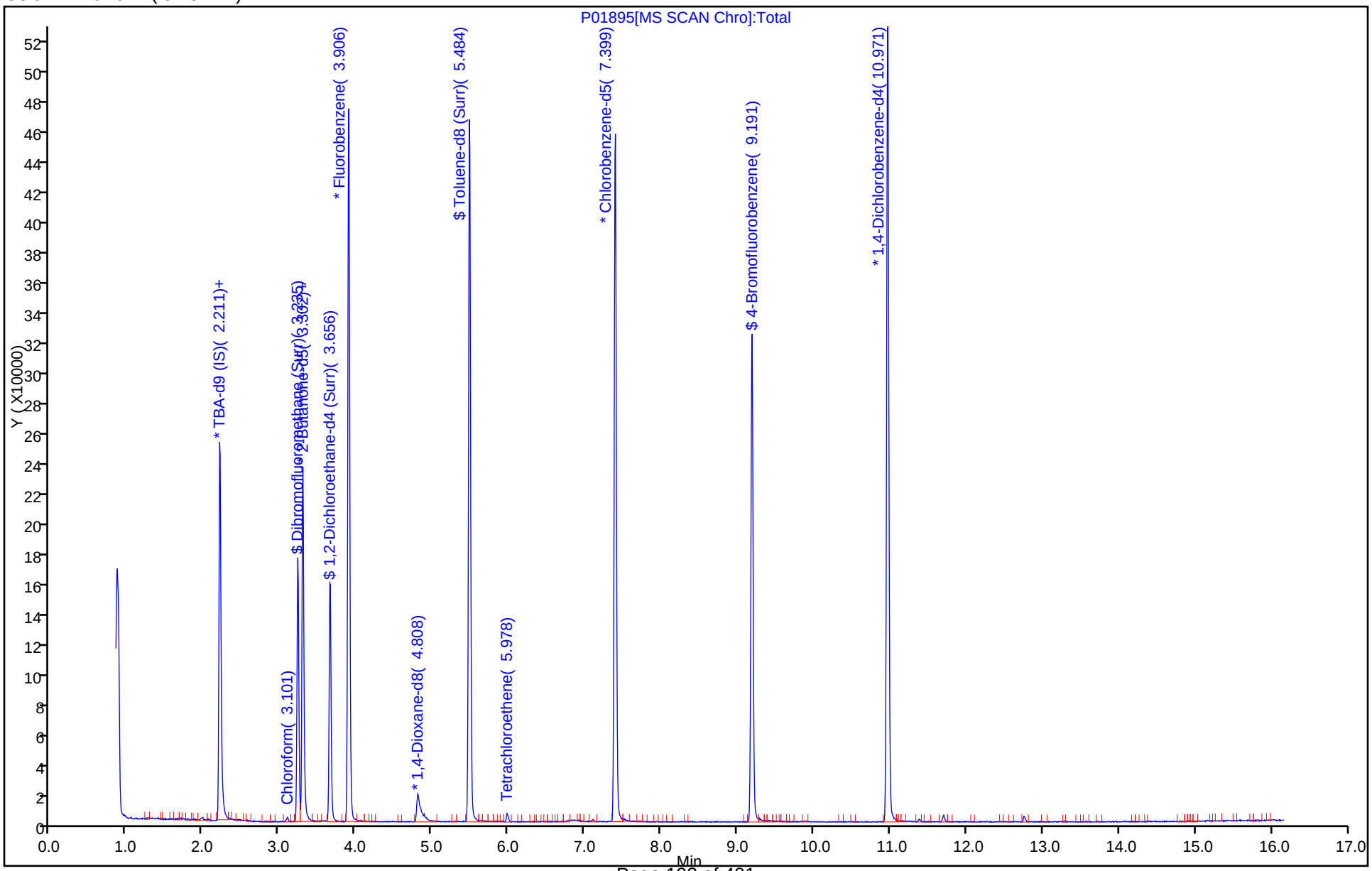
Report Date: 31-Jul-2015 16:51:43 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01895.D

Injection Date:	31-Jul-2015 14:41:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-12	Lab Sample ID:	460-98740-12	Worklist Smp#:	18
Client ID:	MW-54				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



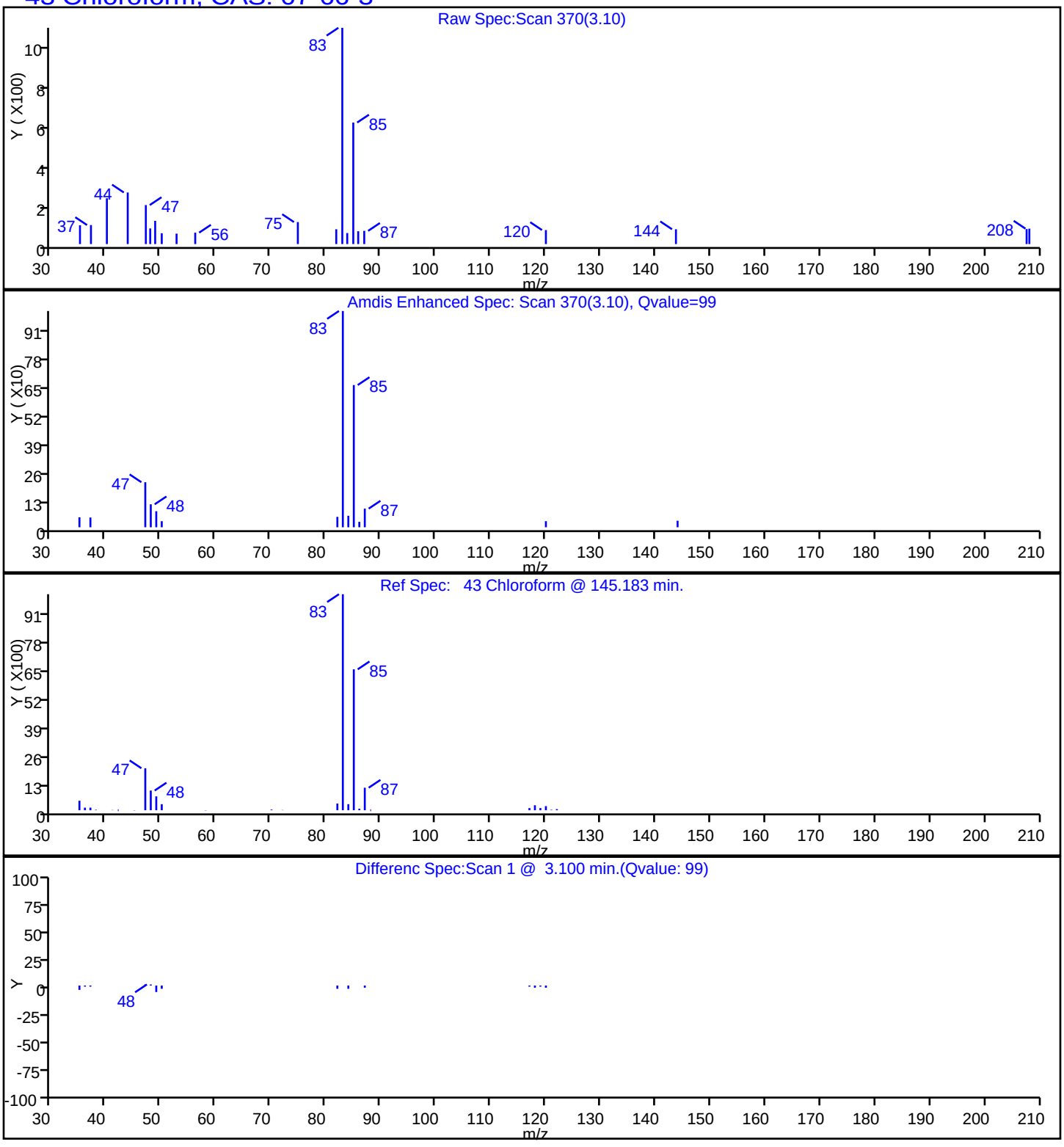
Report Date: 31-Jul-2015 16:51:43 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01895.D

Injection Date:	31-Jul-2015 14:41:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-12	Lab Sample ID:	460-98740-12		
Client ID:	MW-54				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



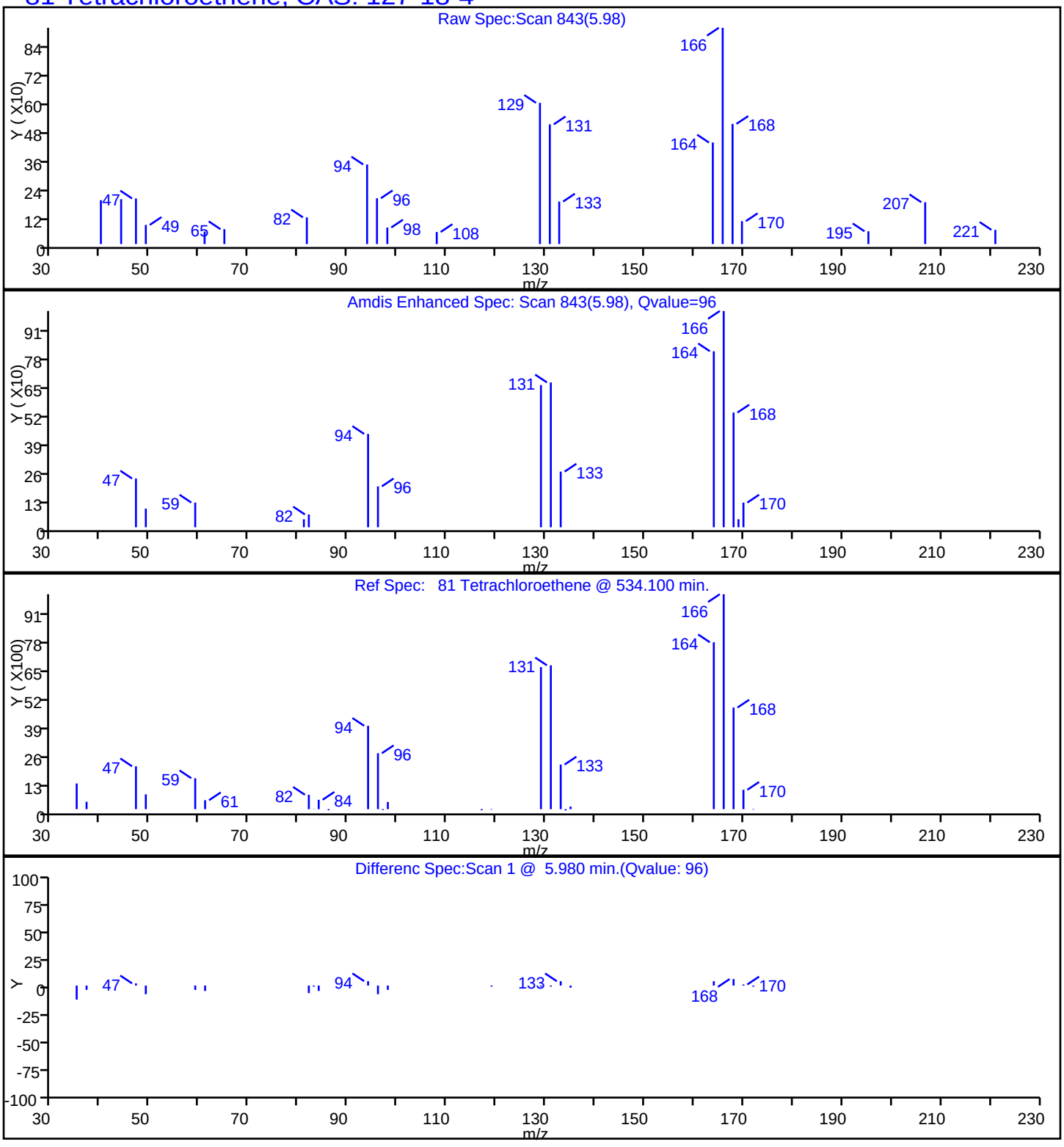
Report Date: 31-Jul-2015 16:51:43 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01895.D

Injection Date:	31-Jul-2015 14:41:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-12	Lab Sample ID:	460-98740-12
Client ID:	MW-54		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-55 | Lab Sample ID: 460-98740-13

Matrix: Water | Lab File ID: P01896.D

Analysis Method: 8260C | Date Collected: 07/28/2015 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.6		5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-55 | Lab Sample ID: 460-98740-13

Matrix: Water | Lab File ID: P01896.D

Analysis Method: 8260C | Date Collected: 07/28/2015 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.17	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		70-130
460-00-4	4-Bromofluorobenzene	81		64-135
1868-53-7	Dibromofluoromethane (Surr)	81		72-137
2037-26-5	Toluene-d8 (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-55 | Lab Sample ID: 460-98740-13

Matrix: Water | Lab File ID: P01896.D

Analysis Method: 8260C | Date Collected: 07/28/2015 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 7.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q
67-63-0	Isopropyl Alcohol	1.99	7.4	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01896.D
Lims ID: 460-98740-B-13 Lab Sample ID: 460-98740-13
Client ID: MW-55
Sample Type: Client
Inject. Date: 31-Jul-2015 15:06:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-13
Misc. Info.: 460-0030277-019
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:52:26 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:52:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	2.058	2.064	-0.006	87	6929	5.56	
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	288708	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	73407	40.5	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	279017	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	98	85442	39.0	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	438684	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	95	30013	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	276680	38.4	
81 Tetrachloroethene	166	5.978	5.978	0.000	73	422	0.1726	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	336109	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	104067	40.6	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	93	202146	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01896.D				
Lims ID:	460-98740-B-13	Lab Sample ID:	460-98740-13		
Client ID:	MW-55				
Sample Type:	Client				
Inject. Date:	31-Jul-2015 15:06:30	ALS Bottle#:	19	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-98740-B-13				
Misc. Info.:	460-0030277-019				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	31-Jul-2015 16:52:26	Calib Date:	29-Jul-2015 20:18:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: starzecm		Date:	31-Jul-2015 16:52:26		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
67-63-0	Isopropyl Alcohol							
1.985	132495	7.36	61	78	286	C3H8O	60	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 61 Fluorobenzene	3.900	899572	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

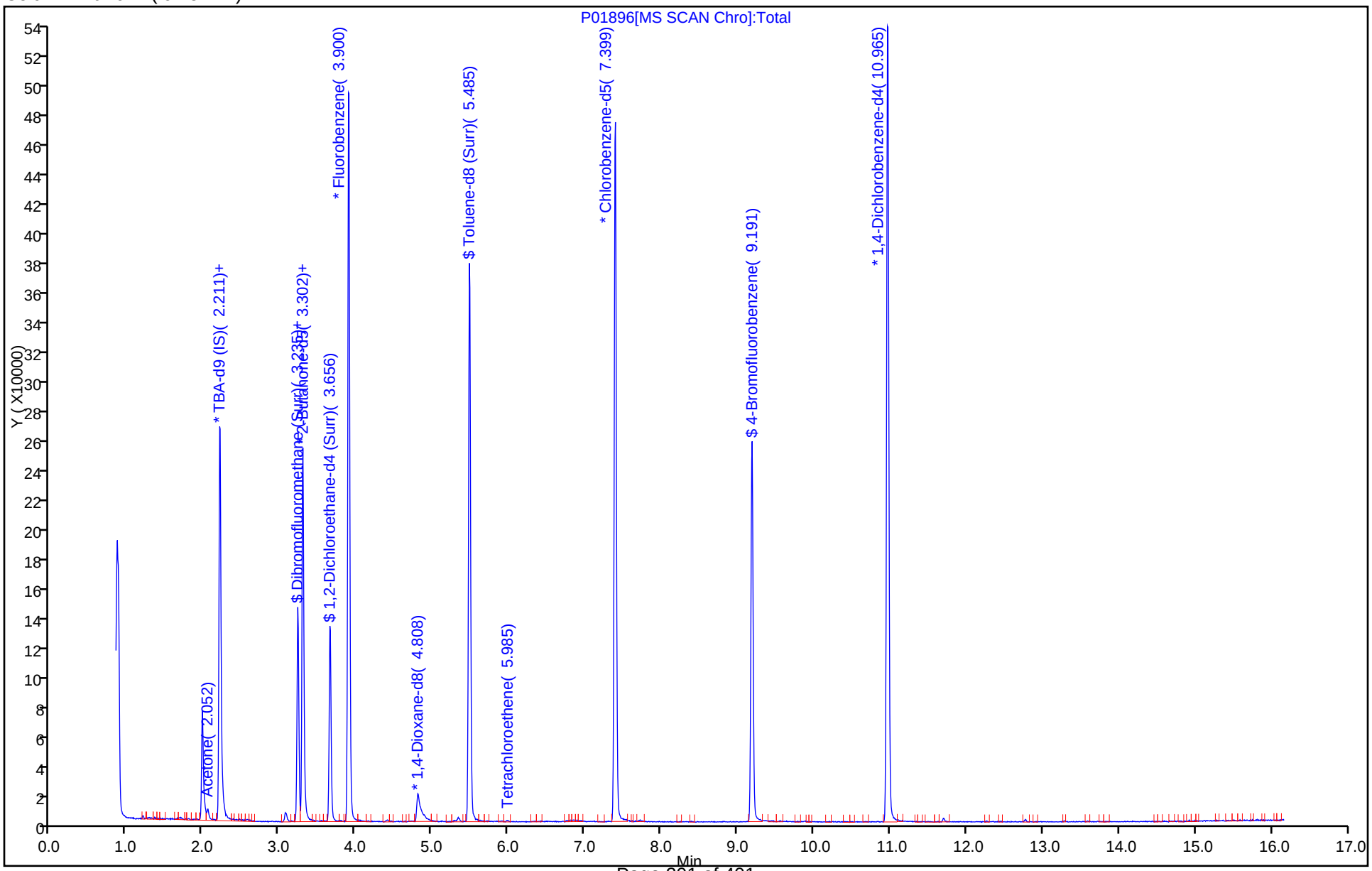
Report Date: 31-Jul-2015 16:52:26 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01896.D

Injection Date:	31-Jul-2015 15:06:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-13	Lab Sample ID:	460-98740-13	Worklist Smp#:	19
Client ID:	MW-55				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



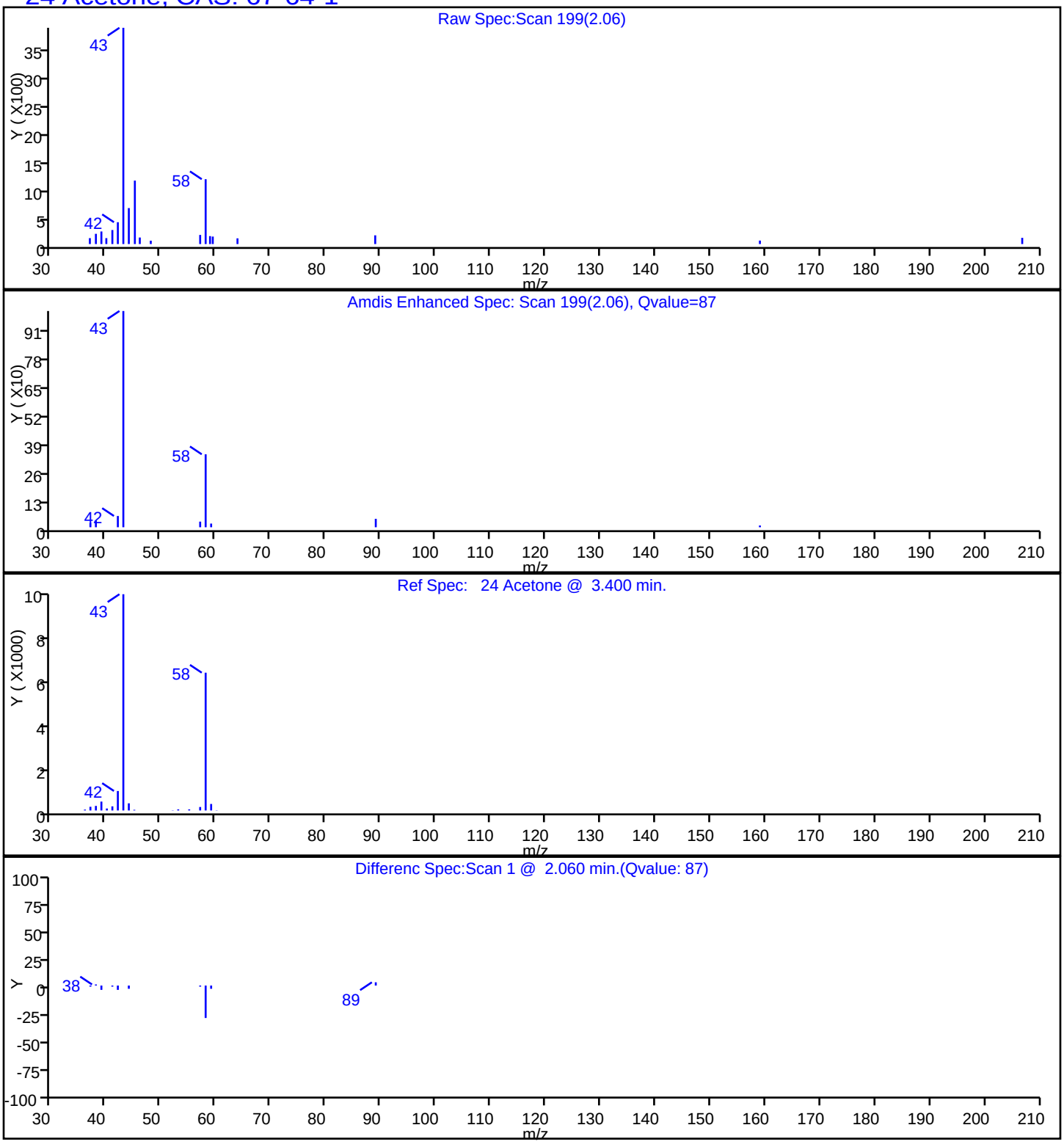
Report Date: 31-Jul-2015 16:52:26 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01896.D

Injection Date:	31-Jul-2015 15:06:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-13	Lab Sample ID:	460-98740-13		
Client ID:	MW-55				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

24 Acetone, CAS: 67-64-1



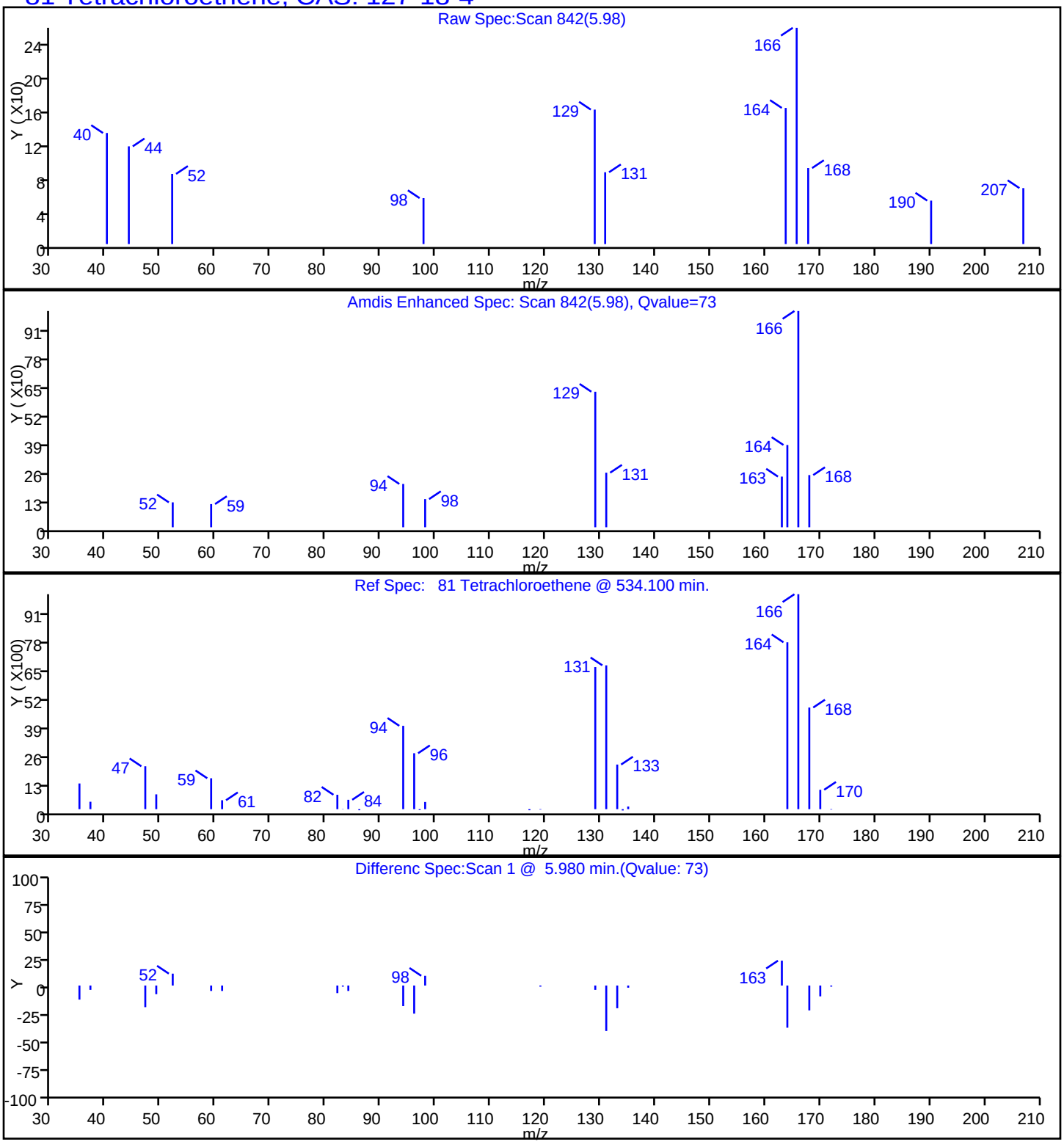
Report Date: 31-Jul-2015 16:52:26 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01896.D

Injection Date:	31-Jul-2015 15:06:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-13	Lab Sample ID:	460-98740-13
Client ID:	MW-55		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



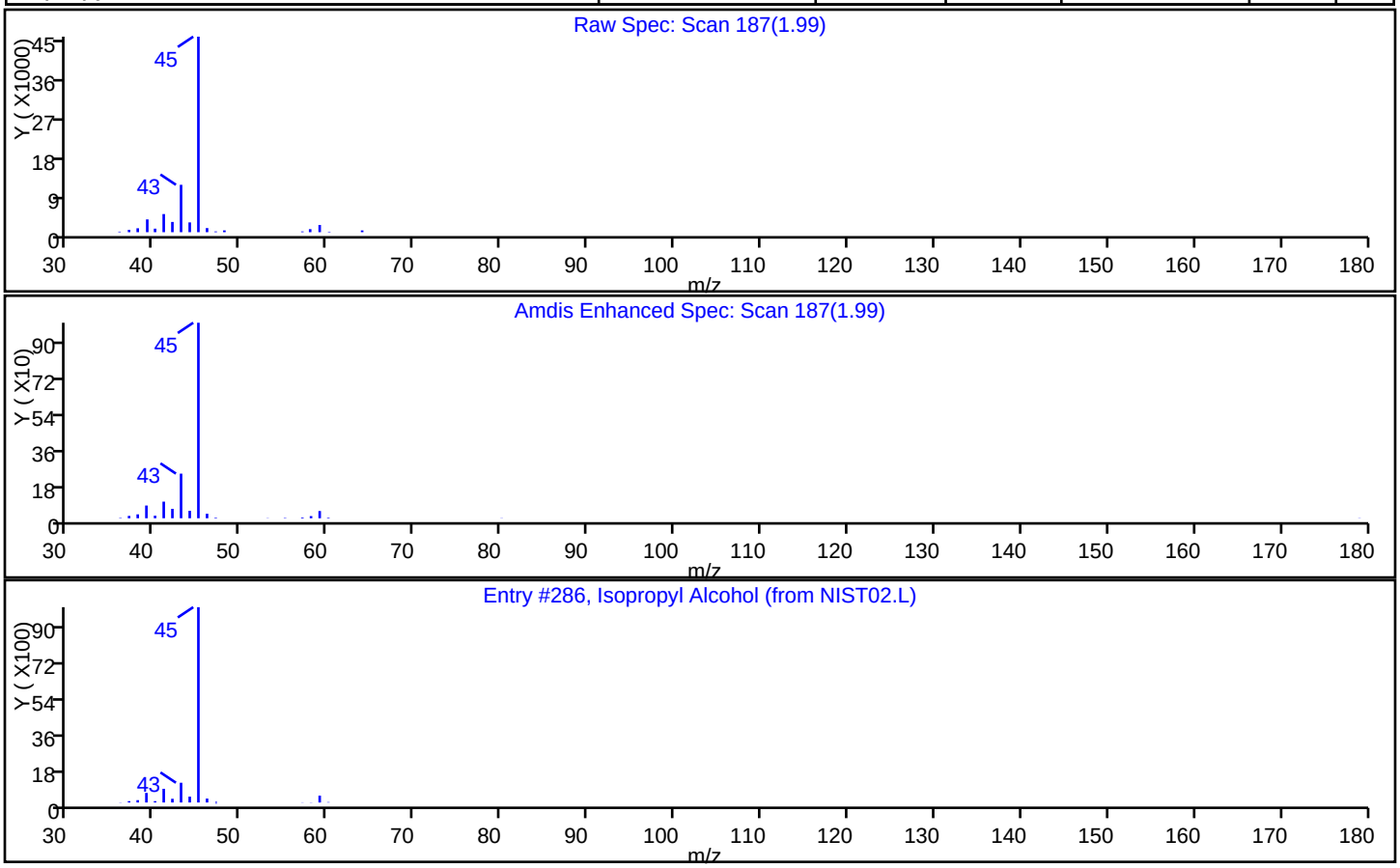
Report Date: 31-Jul-2015 16:52:26 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01896.D

Injection Date:	31-Jul-2015 15:06:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-13	Lab Sample ID:	460-98740-13		
Client ID:	MW-55				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Isopropyl Alcohol	67-63-0	NIST02	286	C3H8O	60	78



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-51 | Lab Sample ID: 460-98740-14

Matrix: Water | Lab File ID: P01897.D

Analysis Method: 8260C | Date Collected: 07/28/2015 12:08

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-51 | Lab Sample ID: 460-98740-14

Matrix: Water | Lab File ID: P01897.D

Analysis Method: 8260C | Date Collected: 07/28/2015 12:08

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.35	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-51 Lab Sample ID: 460-98740-14

Matrix: Water Lab File ID: P01897.D

Analysis Method: 8260C Date Collected: 07/28/2015 12:08

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01897.D
Lims ID: 460-98740-B-14 Lab Sample ID: 460-98740-14
Client ID: MW-51
Sample Type: Client
Inject. Date: 31-Jul-2015 15:31:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-14
Misc. Info.: 460-0030277-020
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:54:46 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:54:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	267348	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	91557	51.7	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	262395	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.655	3.662	-0.007	97	103383	48.3	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	428672	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	27017	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	339404	48.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	89	846	0.3533	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	329172	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	128737	51.3	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	93	200140	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

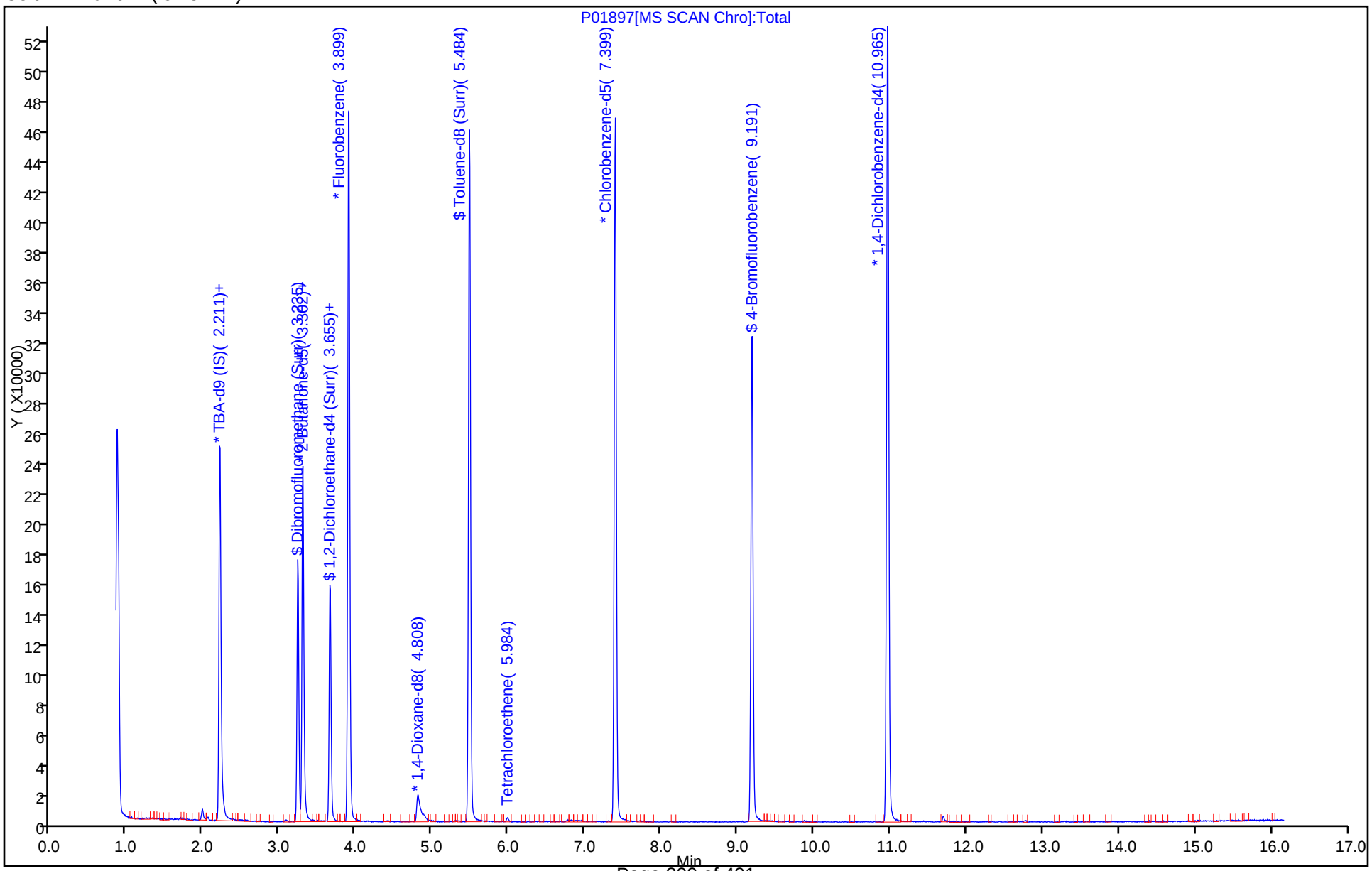
Report Date: 31-Jul-2015 16:54:47 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01897.D

Injection Date:	31-Jul-2015 15:31:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-14	Lab Sample ID:	460-98740-14	Worklist Smp#:	20
Client ID:	MW-51				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



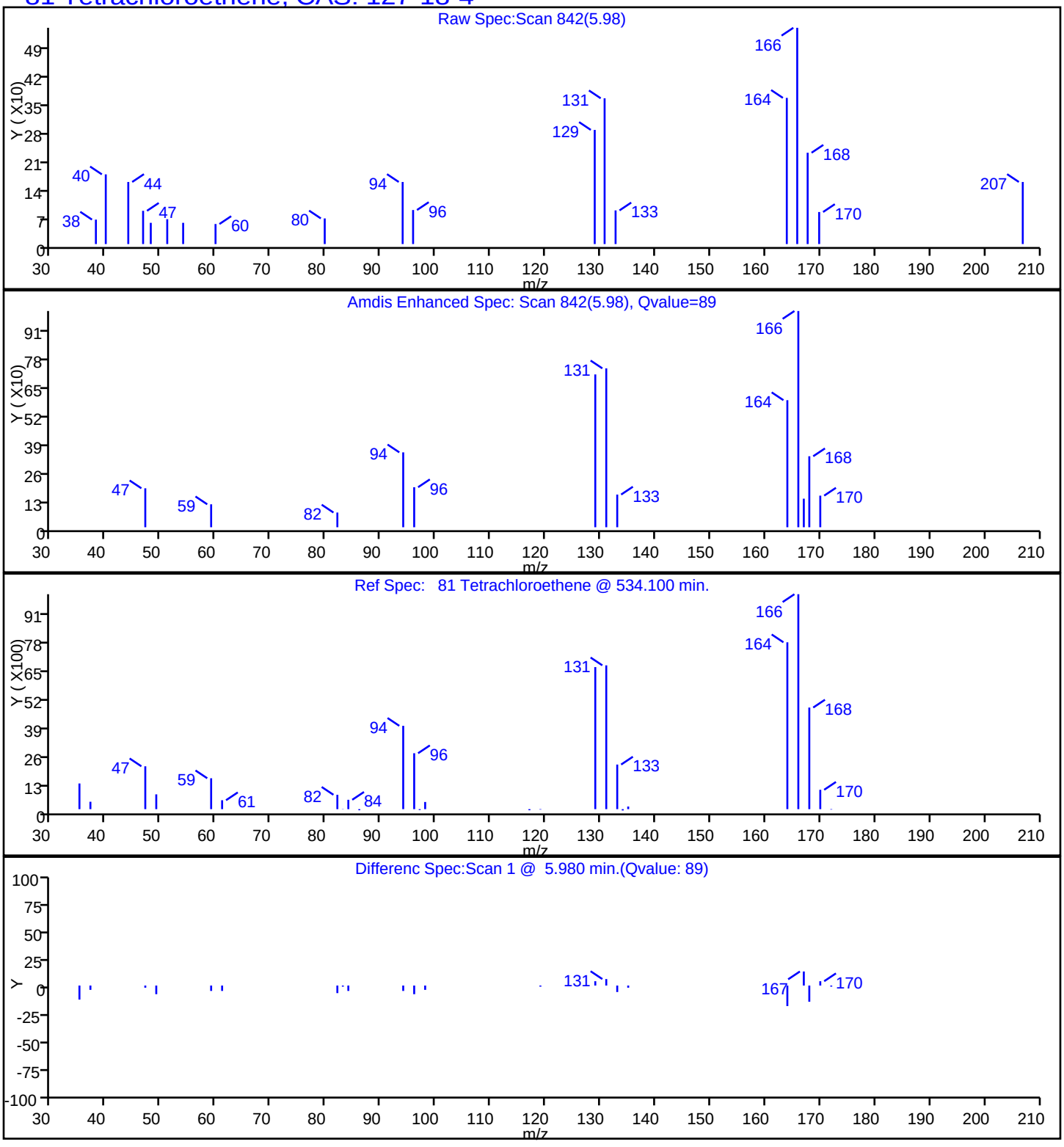
Report Date: 31-Jul-2015 16:54:47 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01897.D

Injection Date:	31-Jul-2015 15:31:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-14	Lab Sample ID:	460-98740-14		
Client ID:	MW-51				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-50 | Lab Sample ID: 460-98740-15

Matrix: Water | Lab File ID: P01902.D

Analysis Method: 8260C | Date Collected: 07/28/2015 13:34

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 17:36

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-50 | Lab Sample ID: 460-98740-15

Matrix: Water | Lab File ID: P01902.D

Analysis Method: 8260C | Date Collected: 07/28/2015 13:34

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 17:36

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.1		1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	0.69	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.93	J	1.0	0.28
95-47-6	o-Xylene	4.9		1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.38	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-50 Lab Sample ID: 460-98740-15

Matrix: Water Lab File ID: P01902.D

Analysis Method: 8260C Date Collected: 07/28/2015 13:34

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 17:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 10 TIC Result Total: 470

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	Benzene, 1,2,4-trimethyl-	11.09	52	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.88	30	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.97	28	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.50	29	J N
767-58-8	Indan, 1-methyl-	12.87	36	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.92	46	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.92	62	J N
90-12-0	Naphthalene, 1-methyl-	14.59	75	J N
582-16-1	Naphthalene, 2,7-dimethyl-	15.22	43	J N
581-42-0	Naphthalene, 2,6-dimethyl-	15.31	69	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D
Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15
Client ID: MW-50
Sample Type: Client
Inject. Date: 31-Jul-2015 17:36:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-15
Misc. Info.: 460-0030277-025
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Aug-2015 22:45:59 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: starzecm Date: 31-Jul-2015 18:59:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	285486	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	90146	50.2	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	277213	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	103728	47.9	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	433969	50.0	
63 Methylcyclohexane	83	4.034	4.040	-0.006	75	2027	0.6949	M
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	94	30951	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	349511	46.9	
81 Tetrachloroethene	166	5.978	5.978	0.000	87	963	0.3808	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	347642	50.0	
95 m-Xylene & p-Xylene	106	7.722	7.716	0.006	94	3719	0.9338	
96 o-Xylene	106	8.319	8.313	0.006	95	18219	4.89	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	10189	1.06	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	136261	51.4	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	93	216284	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D
Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15
Client ID: MW-50
Sample Type: Client
Inject. Date: 31-Jul-2015 17:36:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-15
Misc. Info.: 460-0030277-025
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Aug-2015 22:45:59 Calib Date: 29-Jul-2015 20:18:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 50

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: starzecm Date: 31-Jul-2015 18:59:33

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
95-63-6 Benzene, 1,2,4-trimethyl-								
11.093	1208297	51.5	119	93	9126	C9H12	120	I
1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-								
11.880	700174	29.9	119	91	14378	C10H14	134	
527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-								
11.971	660440	28.2	119	94	14404	C10H14	134	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
12.495	681517	29.1	119	95	14355	C10H14	134	I
767-58-8 Indan, 1-methyl-								
12.867	841639	35.9	119	74	13567	C10H12	132	
488-23-3 Benzene, 1,2,3,4-tetramethyl-								
12.916	1069622	45.6	119	97	14353	C10H14	134	
2809-64-5 Naphthalene, 1,2,3,4-tetrahydro-5-methyl								
13.916	1446704	61.7	119	97	20756	C11H14	146	
90-12-0 Naphthalene, 1-methyl-								
14.592	1751490	74.7	119	97	18499	C11H10	142	
582-16-1 Naphthalene, 2,7-dimethyl-								
15.220	1008747	43.0	119	97	27178	C12H12	156	
581-42-0 Naphthalene, 2,6-dimethyl-								
15.306	1628782	69.5	119	94	27185	C12H12	156	

Report Date: 02-Aug-2015 22:46:00 Chrom Revision: 2.2 23-Jul-2015 08:26:08
Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.965	1172004	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

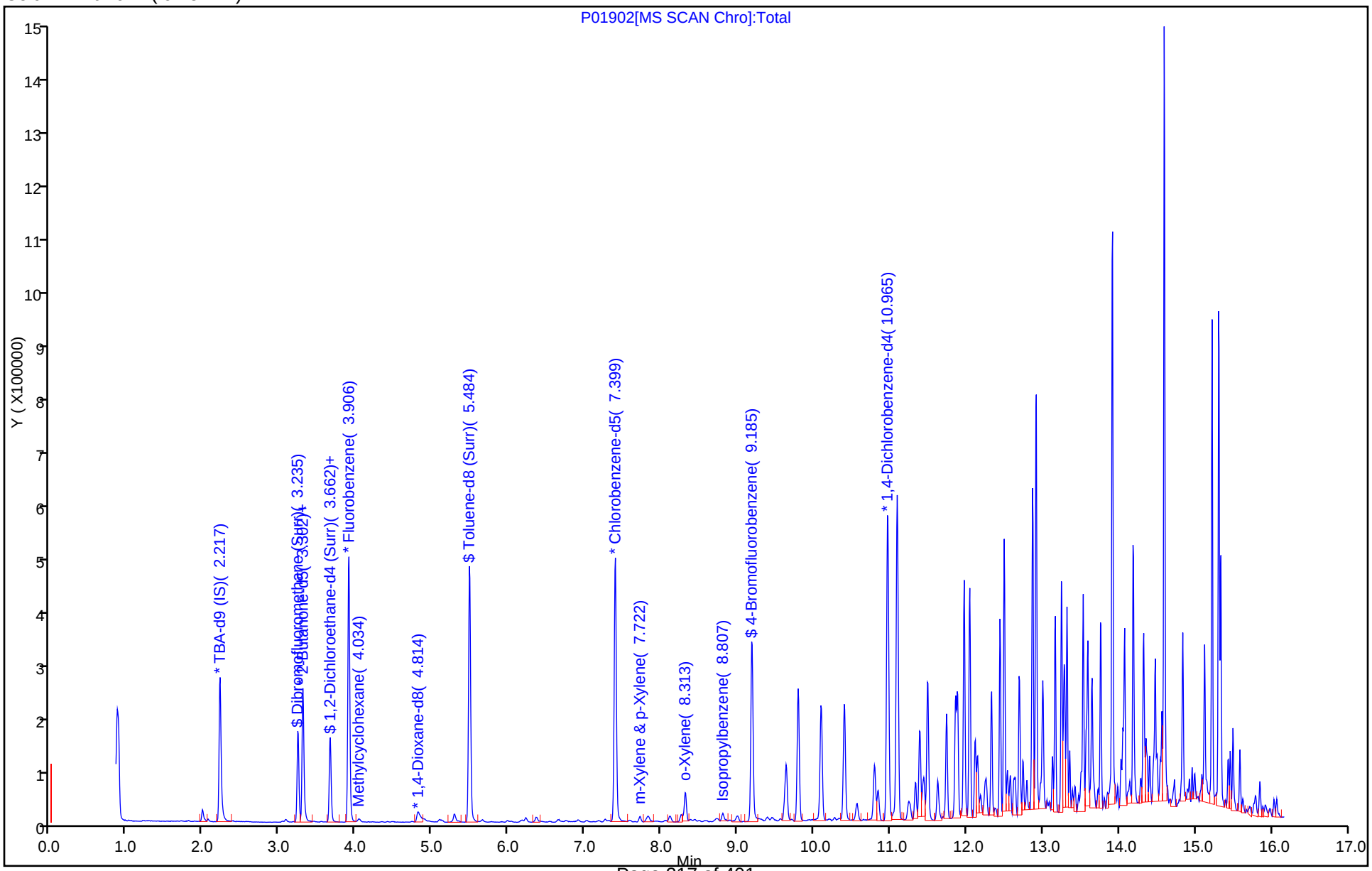
Report Date: 02-Aug-2015 22:46:00 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15	Worklist Smp#:	25
Client ID:	MW-50				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



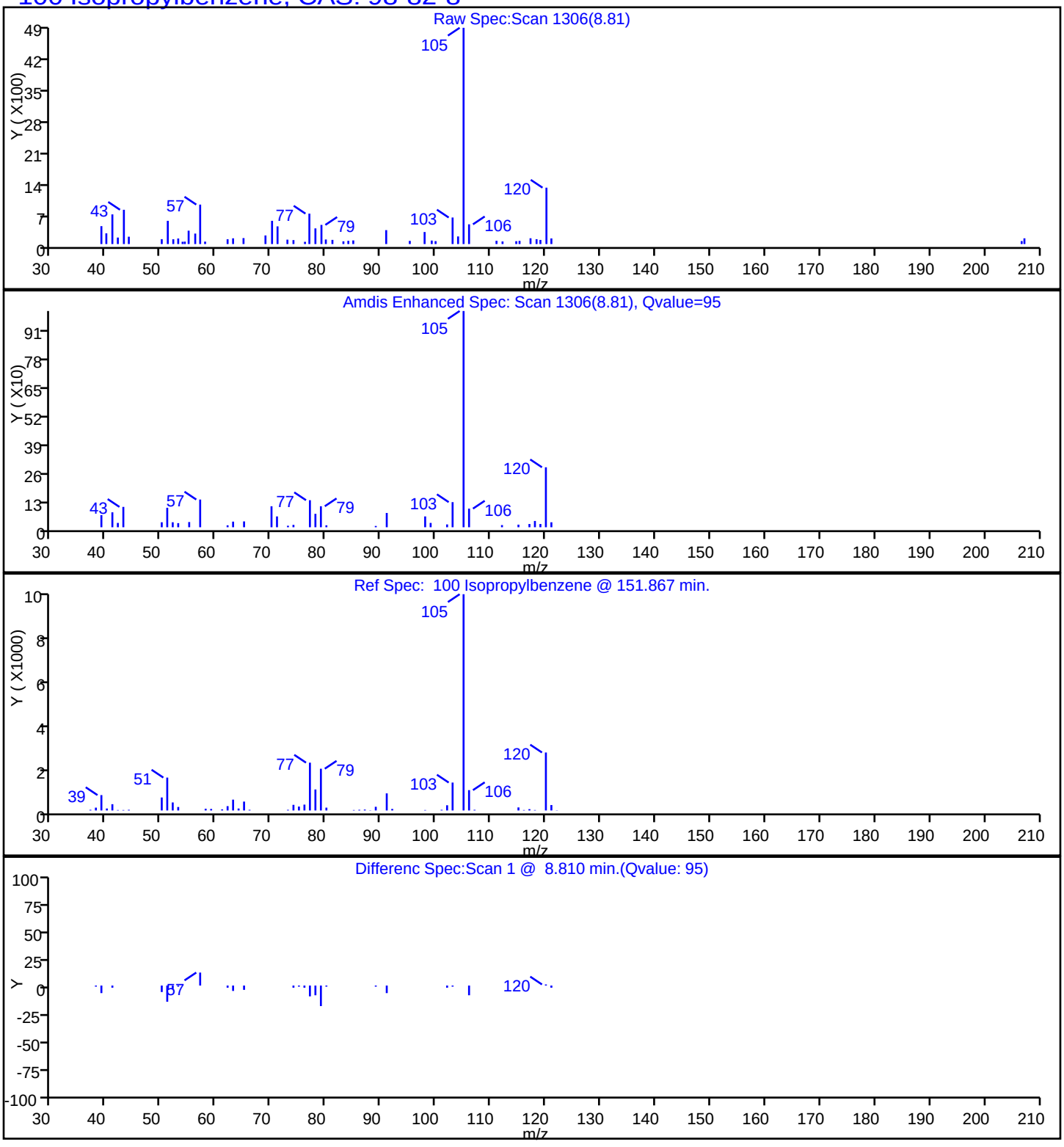
Report Date: 02-Aug-2015 22:46:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15
Client ID:	MW-50		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

100 Isopropylbenzene, CAS: 98-82-8



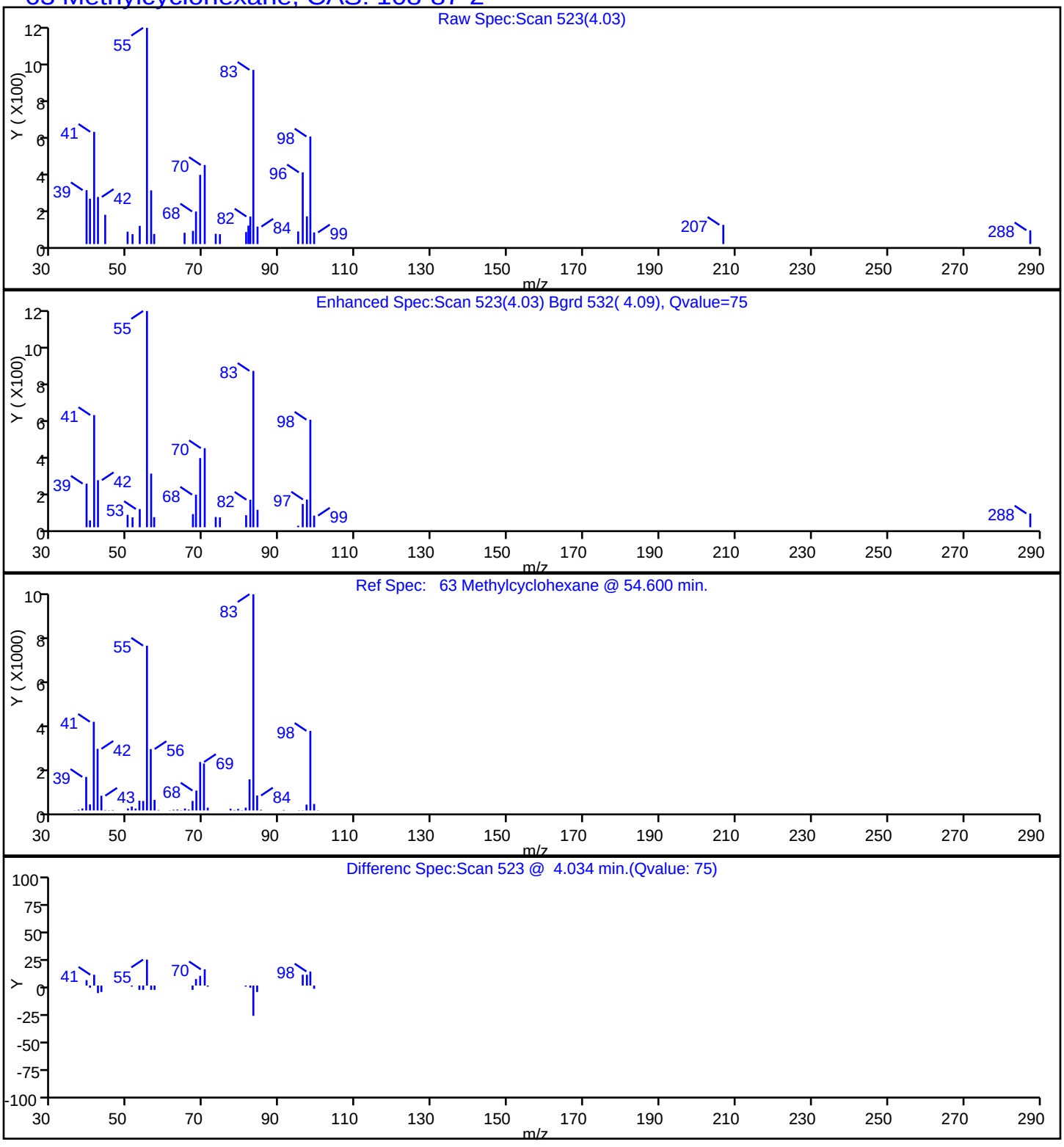
Report Date: 02-Aug-2015 22:46:00 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15		
Client ID:	MW-50				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



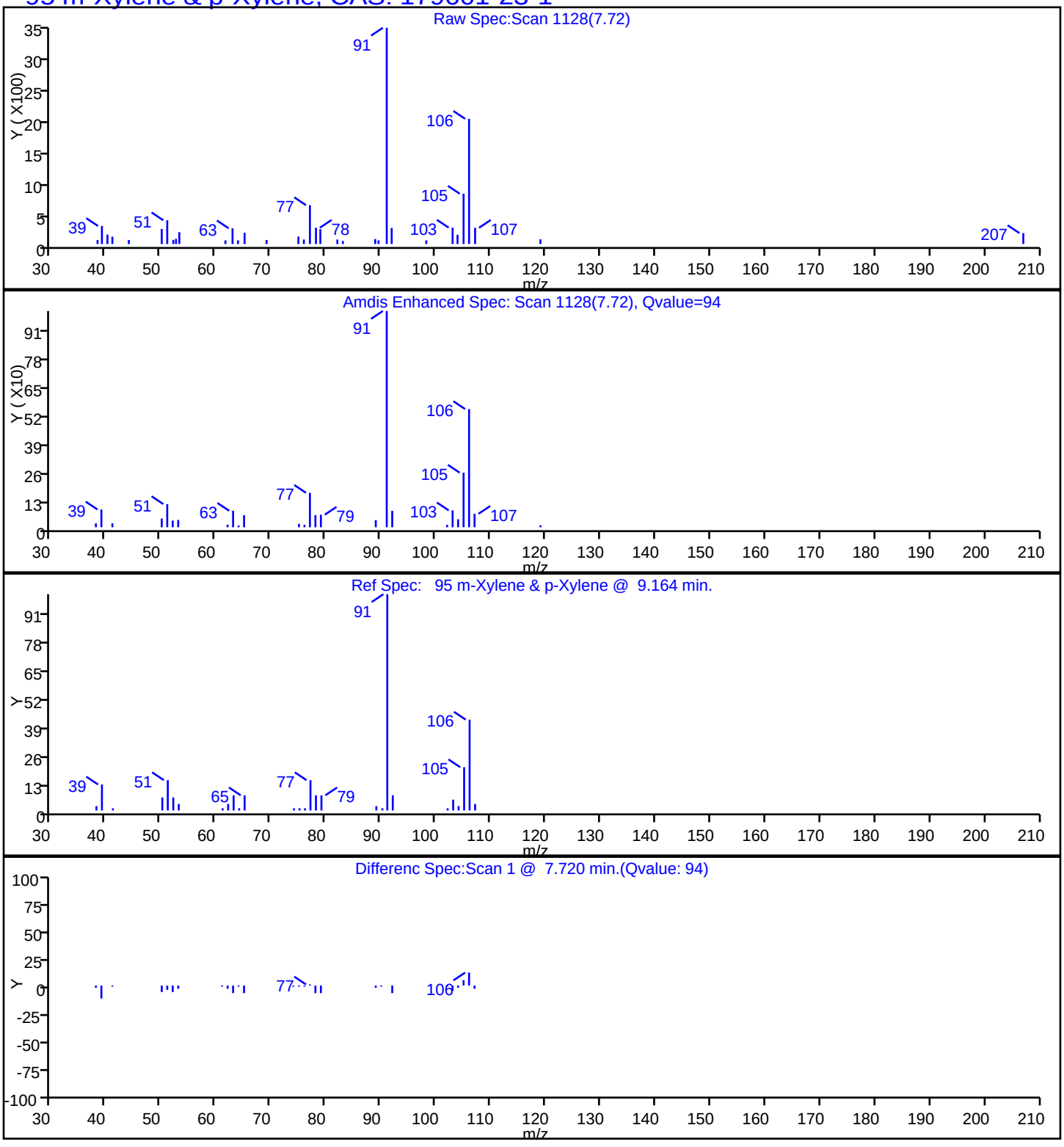
Report Date: 02-Aug-2015 22:46:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15		
Client ID:	MW-50				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



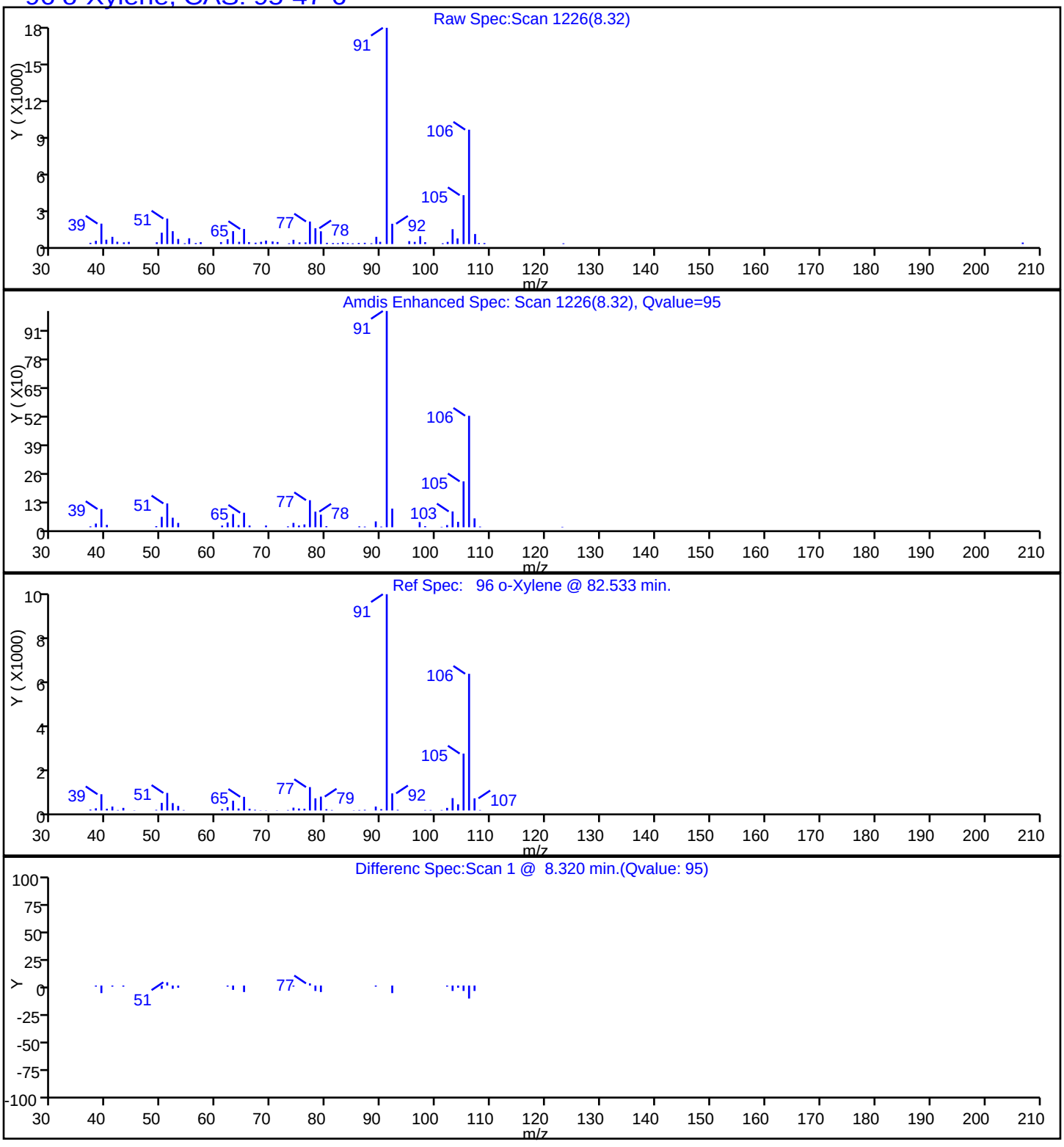
Report Date: 02-Aug-2015 22:46:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15		
Client ID:	MW-50				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



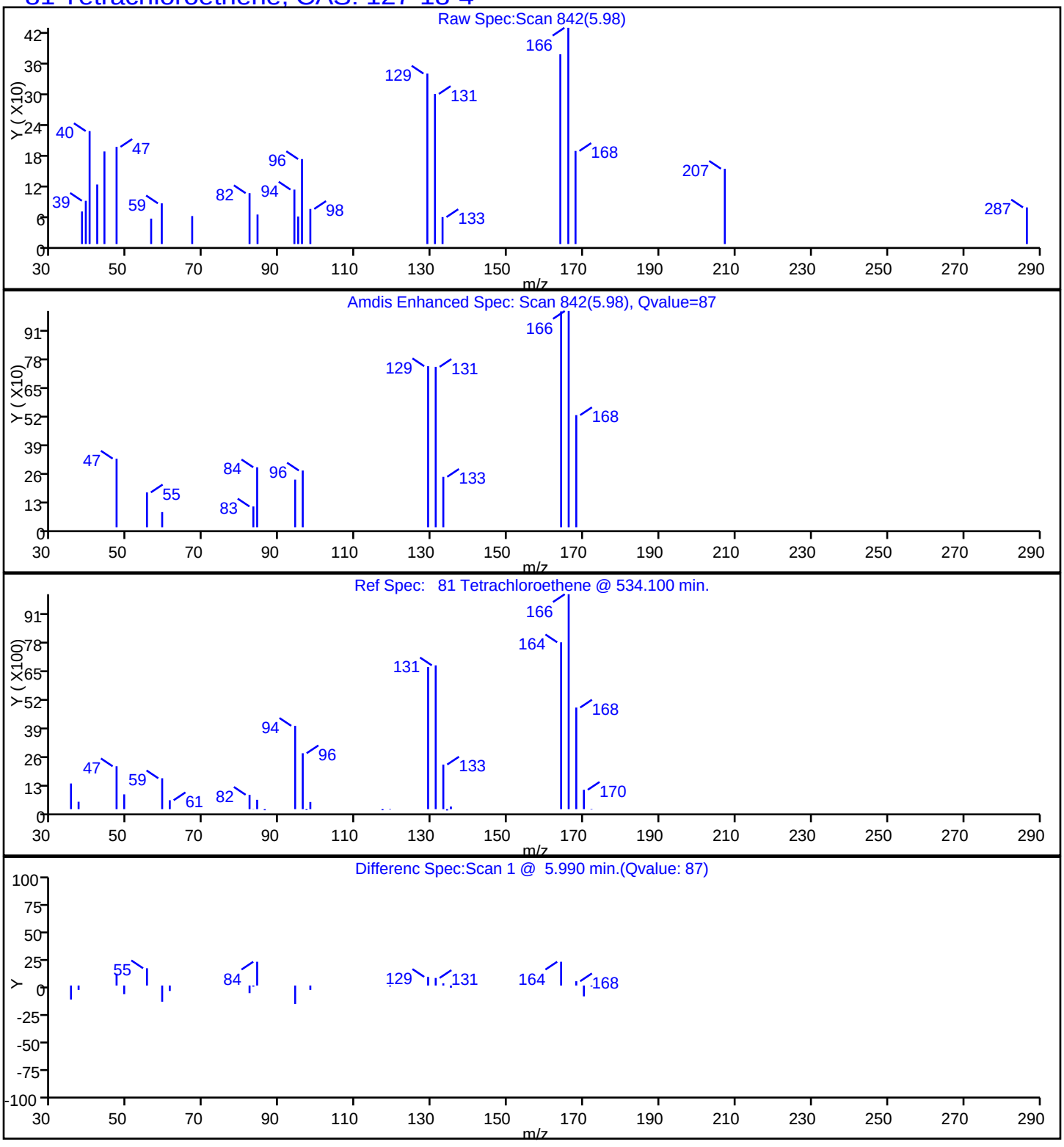
Report Date: 02-Aug-2015 22:46:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15
Client ID:	MW-50		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

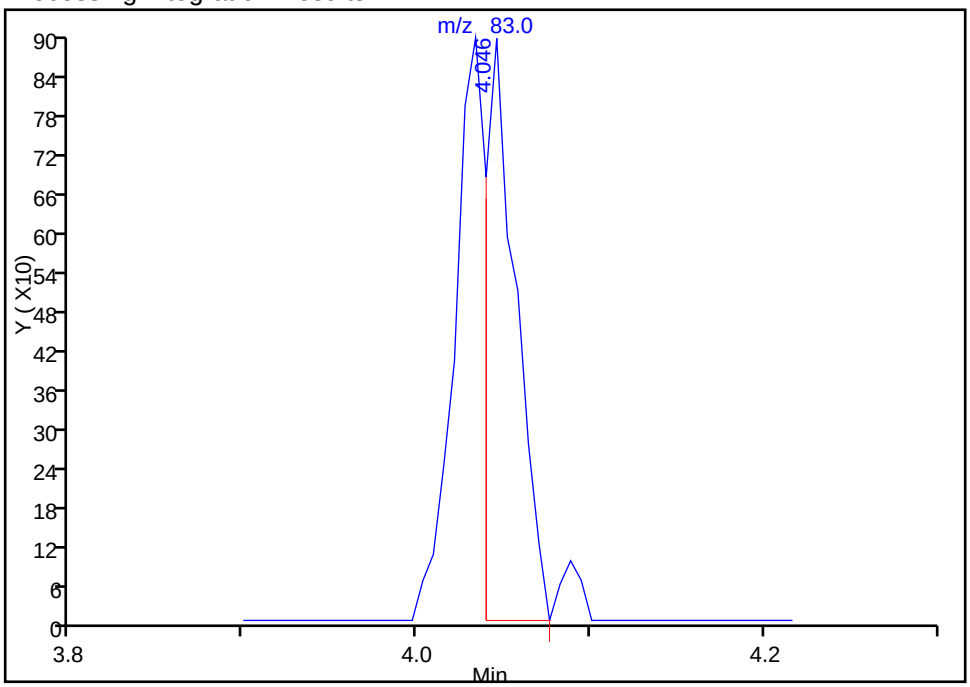
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D		
Injection Date:	31-Jul-2015 17:36:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-15	Lab Sample ID:	460-98740-15
Client ID:	MW-50		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Methylcyclohexane, CAS: 108-87-2

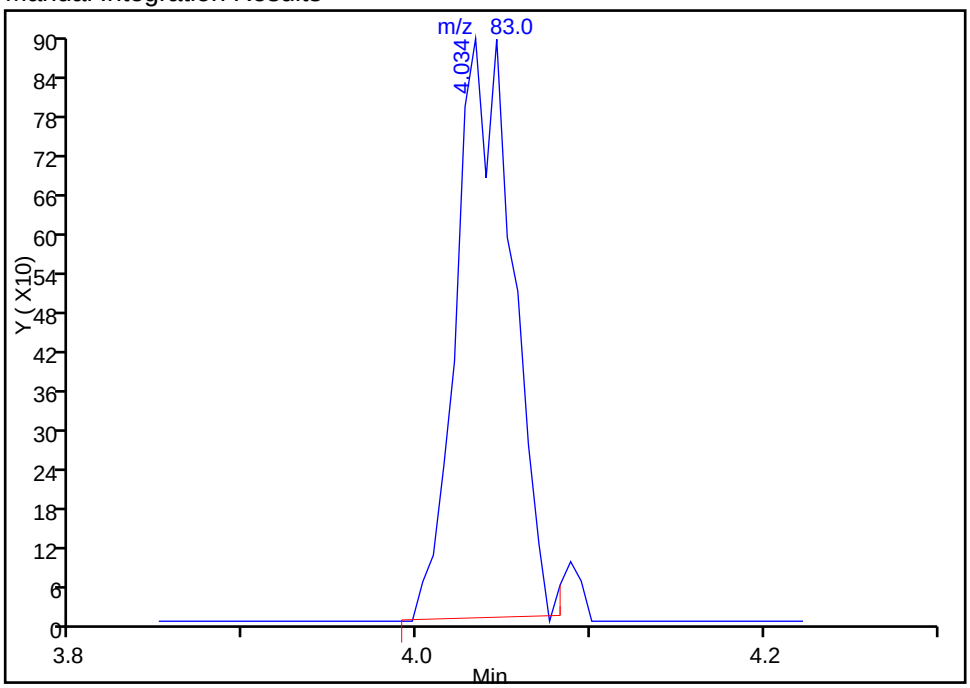
Processing Integration Results

RT: 4.05
Area: 1125
Amount: 0.385673
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 2027
Amount: 0.694850
Amount Units: ug/l



Reviewer: kluseys, 02-Aug-2015 22:45:59
Audit Action: Manually Integrated
Audit Reason: Split Peak

Report Date: 02-Aug-2015 22:46:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

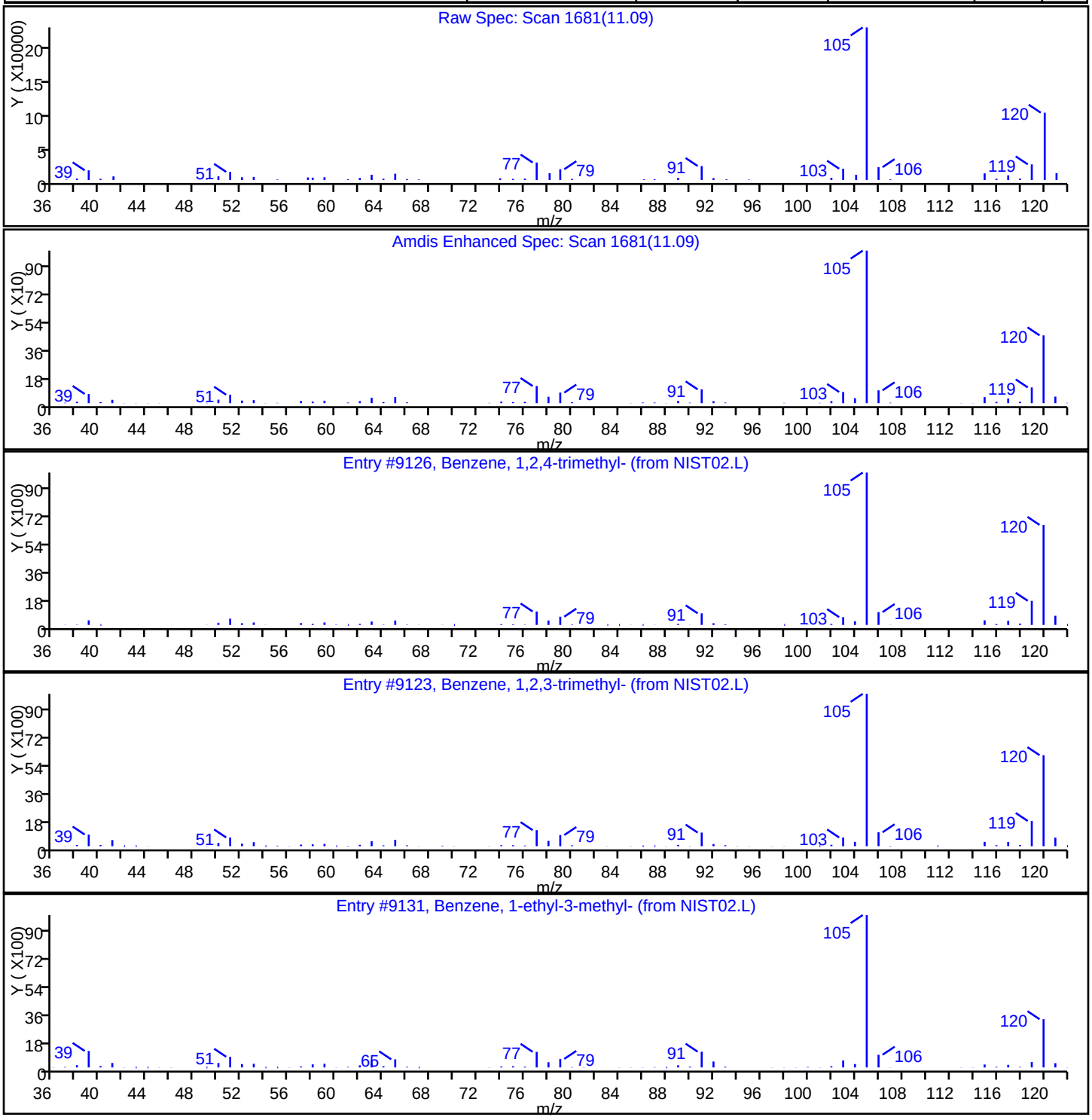
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02	9126	C9H12	120	93
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	95
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9131	C9H12	120	91



Report Date: 02-Aug-2015 22:46:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

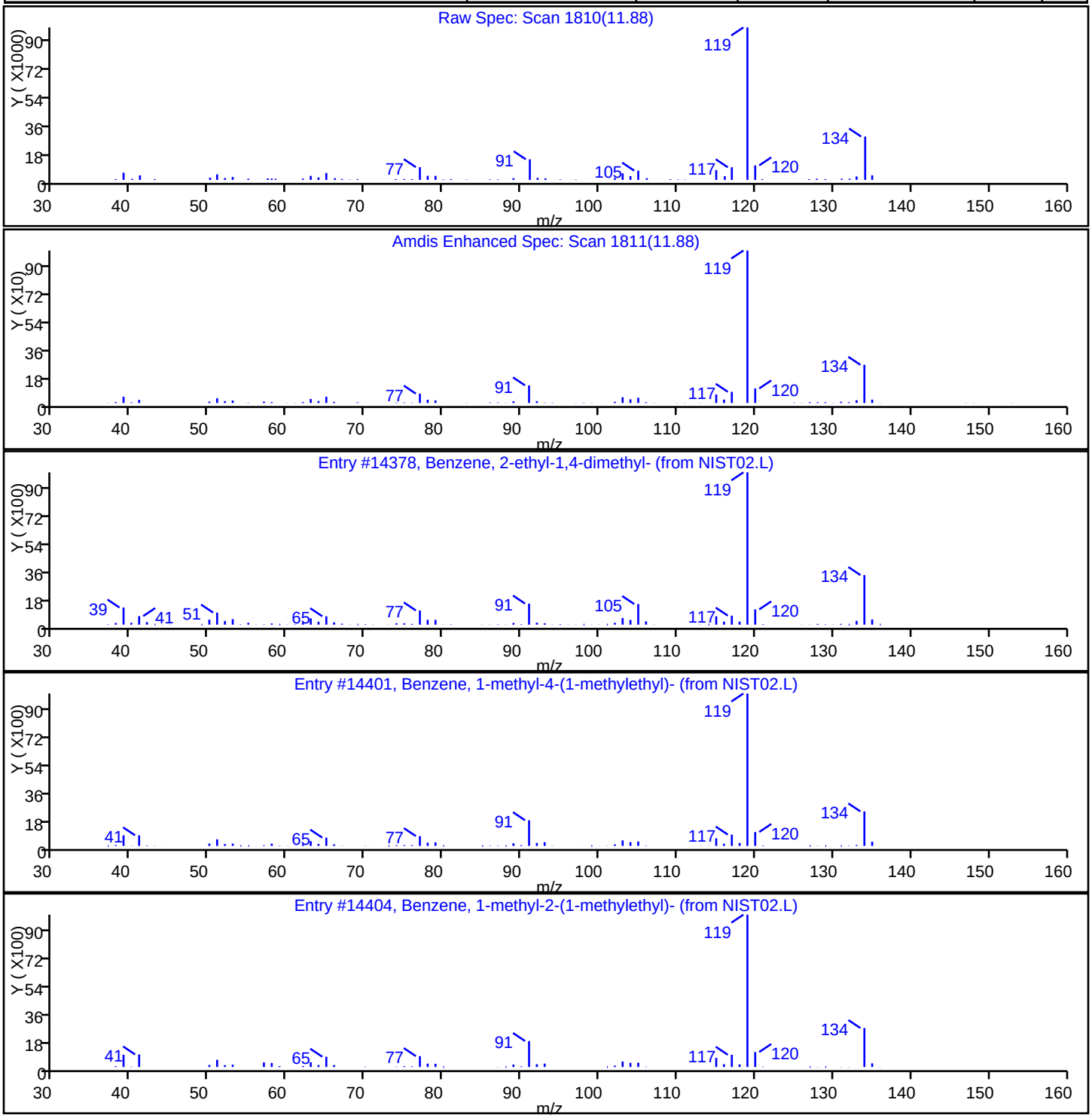
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02	14378	C10H14	134	91
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	91
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	91



Report Date: 02-Aug-2015 22:46:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

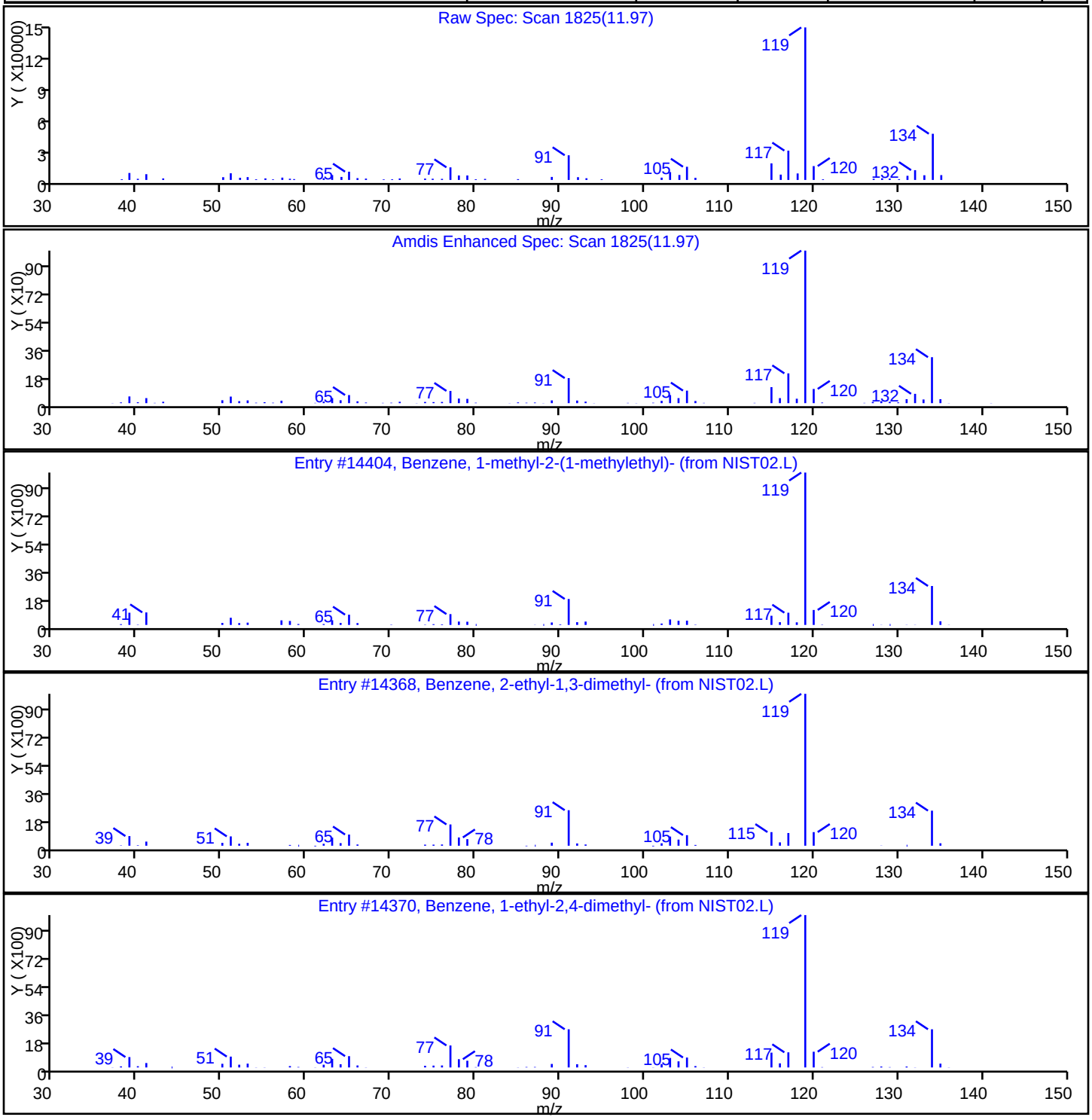
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02	14404	C10H14	134	94
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	93
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	93



Report Date: 02-Aug-2015 22:46:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

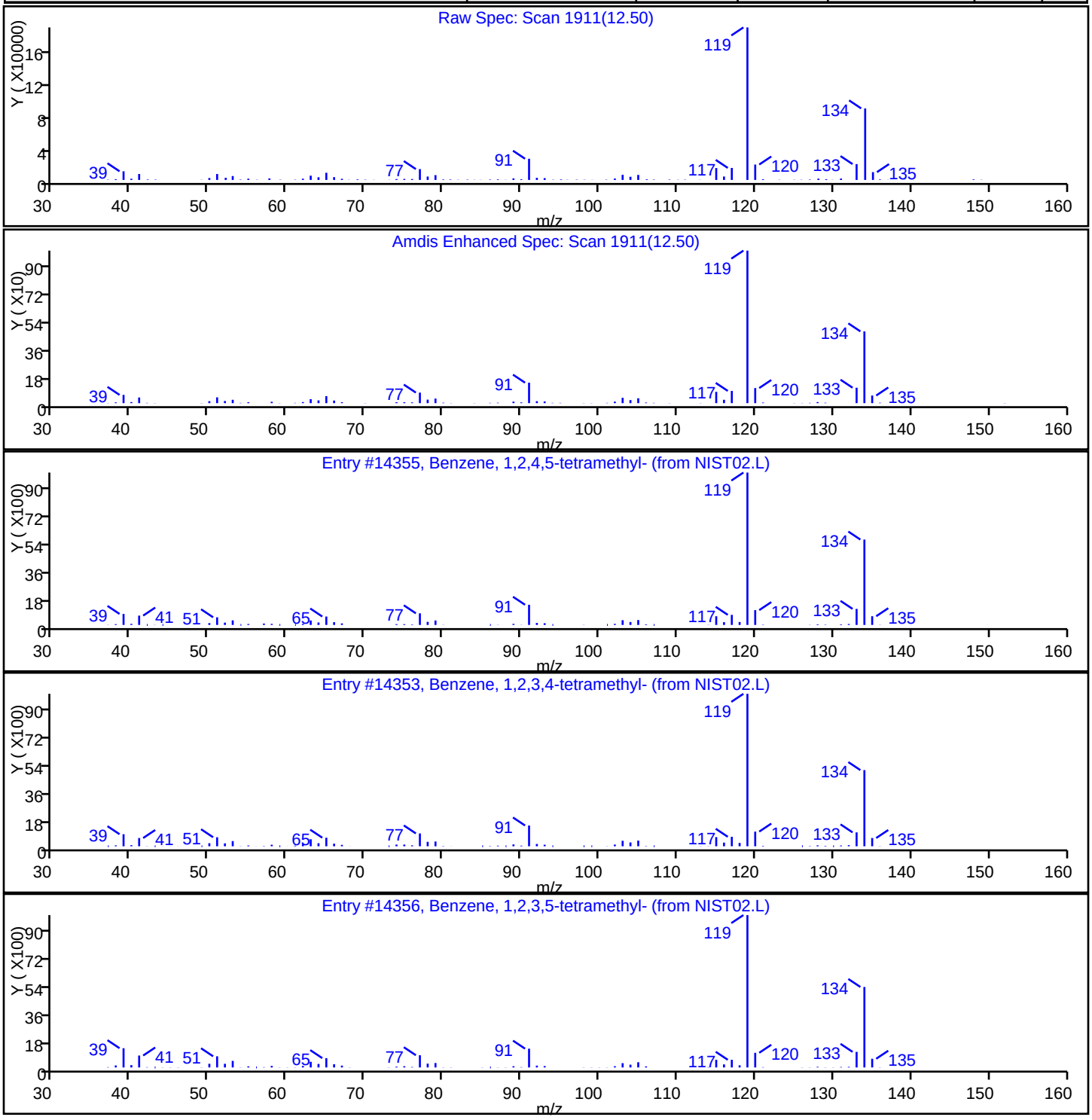
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02	14355	C10H14	134	95
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	97
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	95



Report Date: 02-Aug-2015 22:46:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

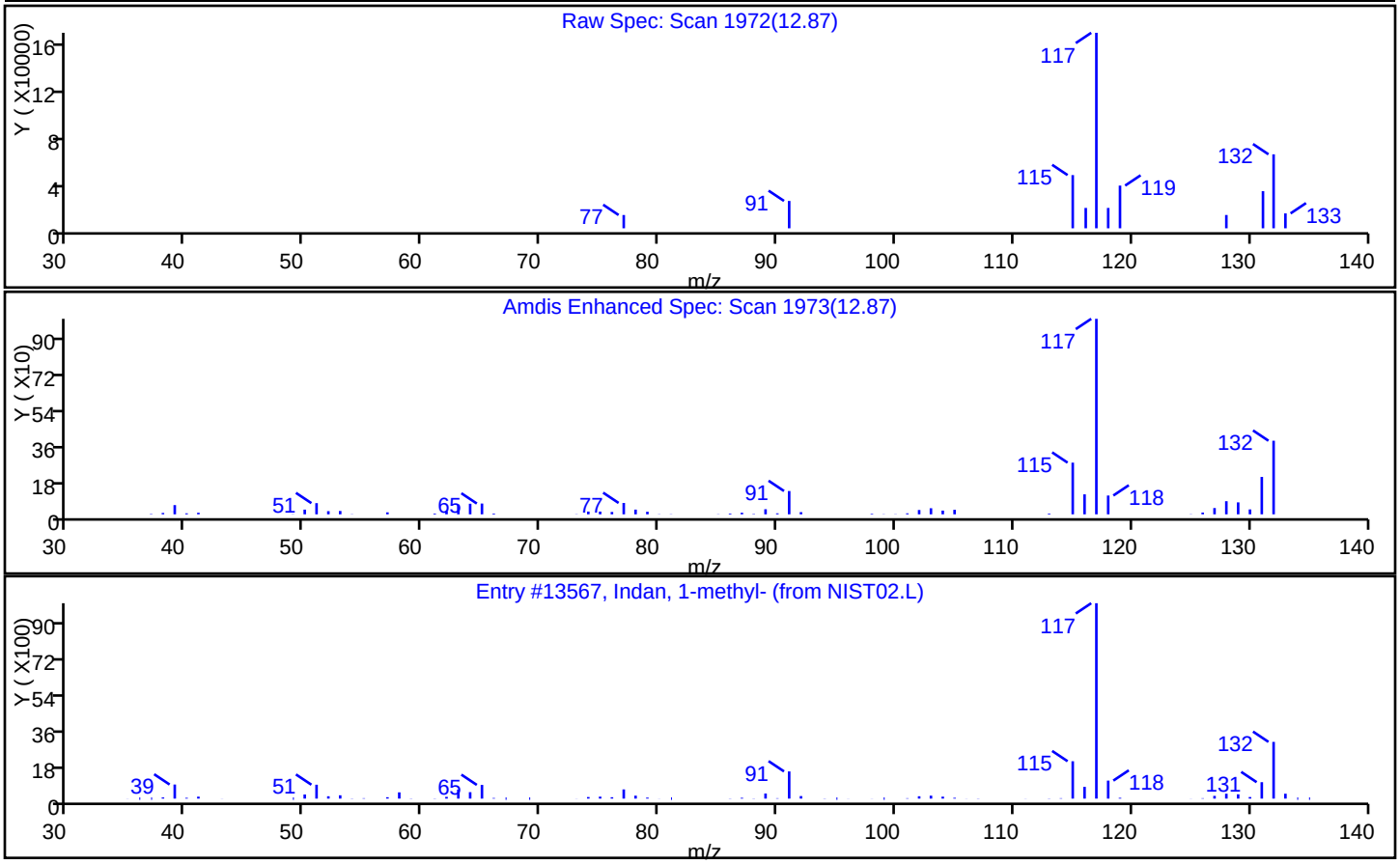
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indan, 1-methyl-	767-58-8	NIST02	13567	C10H12	132	74



Report Date: 02-Aug-2015 22:46:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

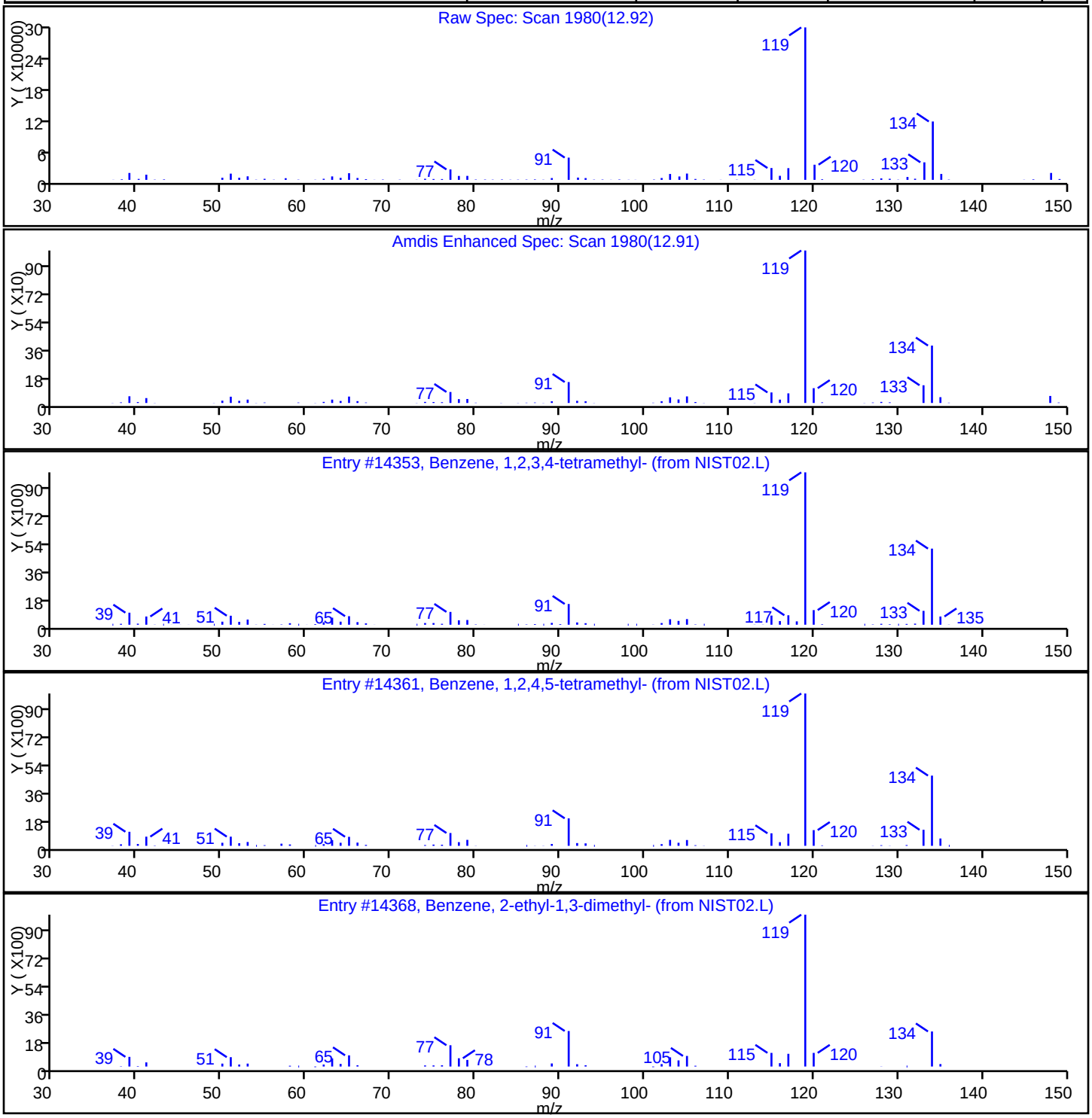
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02	14353	C10H14	134	97
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	94



Report Date: 02-Aug-2015 22:46:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

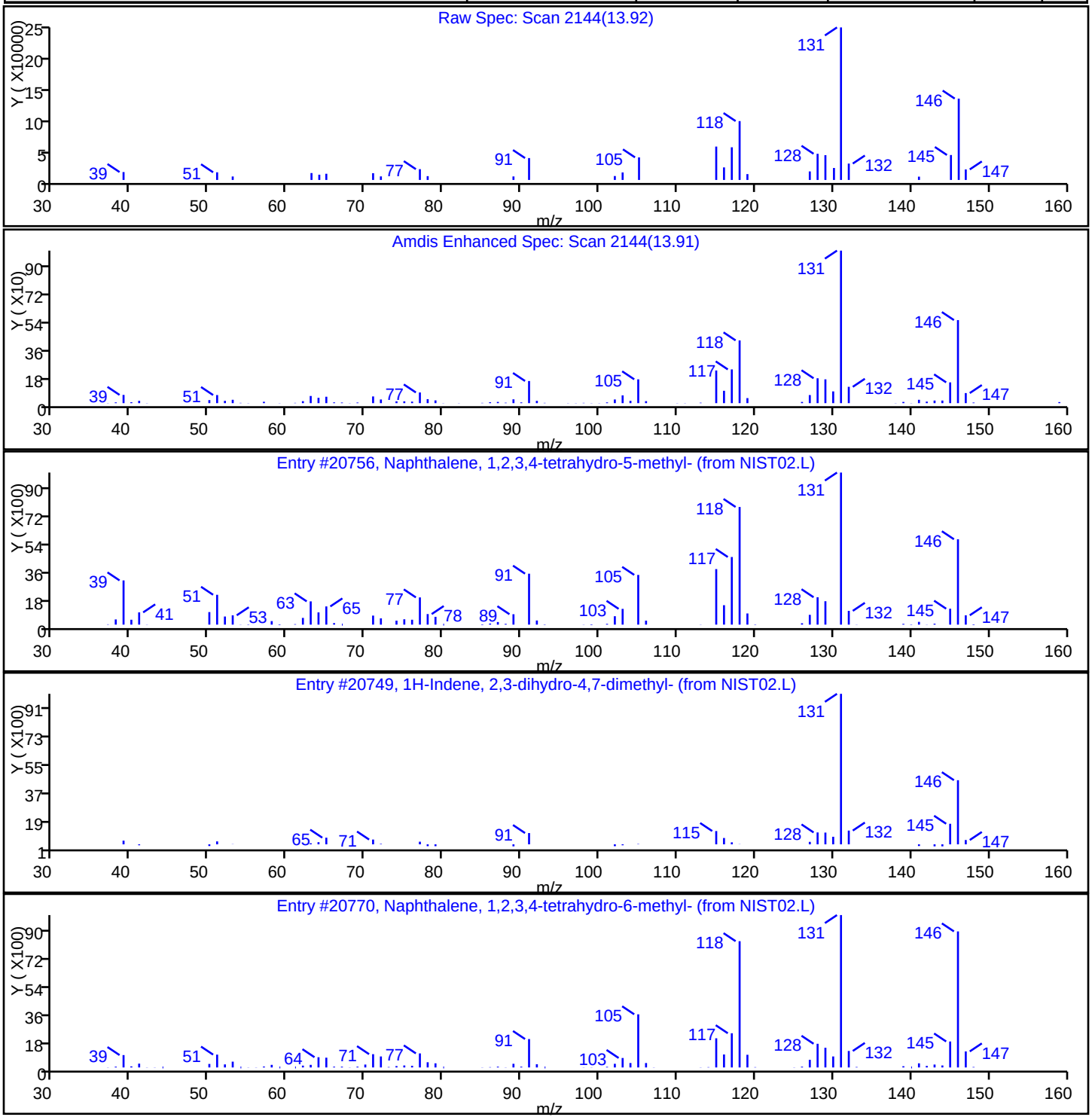
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02	20756	C11H14	146	97
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	95
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20770	C11H14	146	90



Report Date: 02-Aug-2015 22:46:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

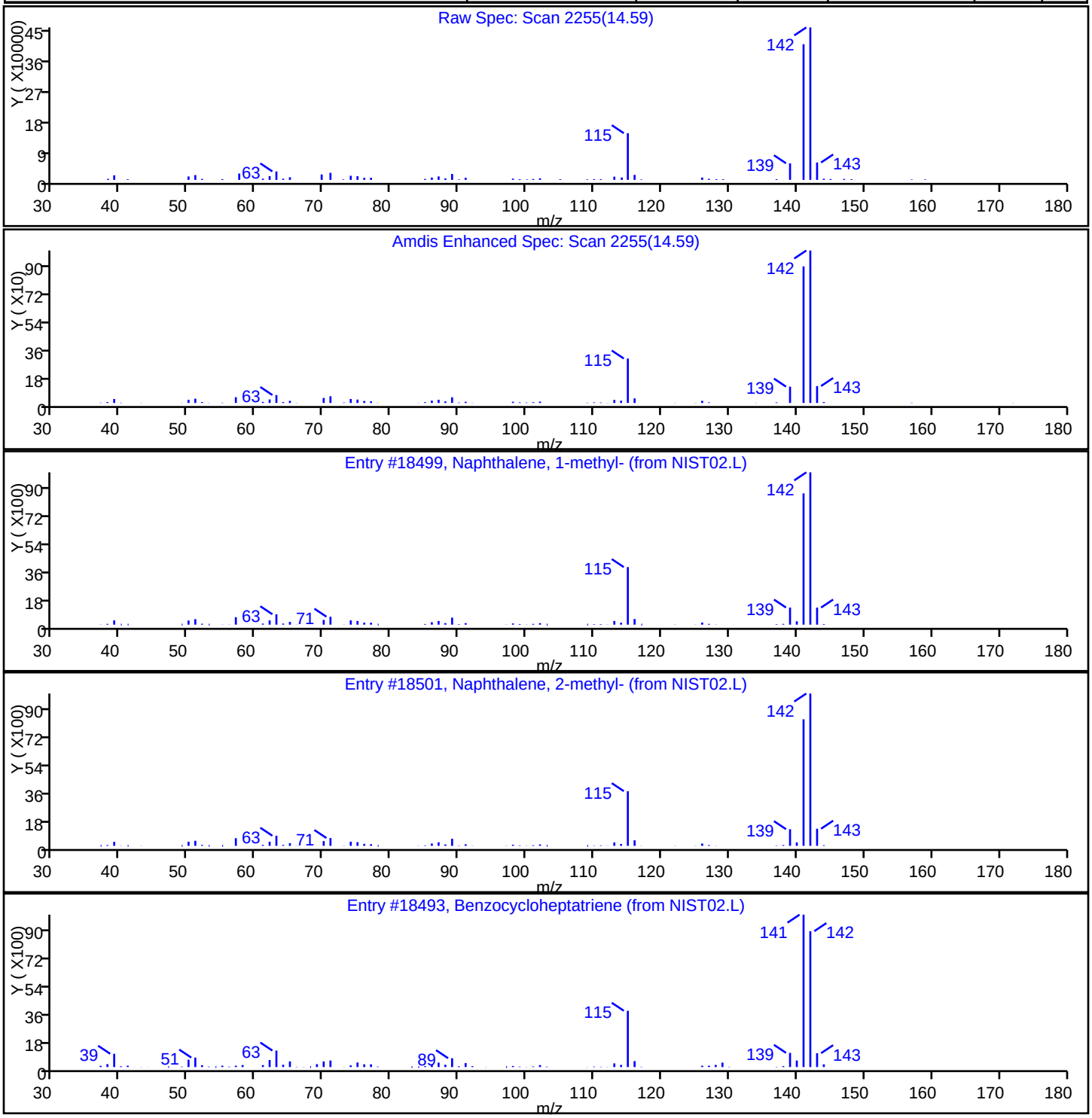
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02	18499	C11H10	142	97
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	97
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91



Report Date: 02-Aug-2015 22:46:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

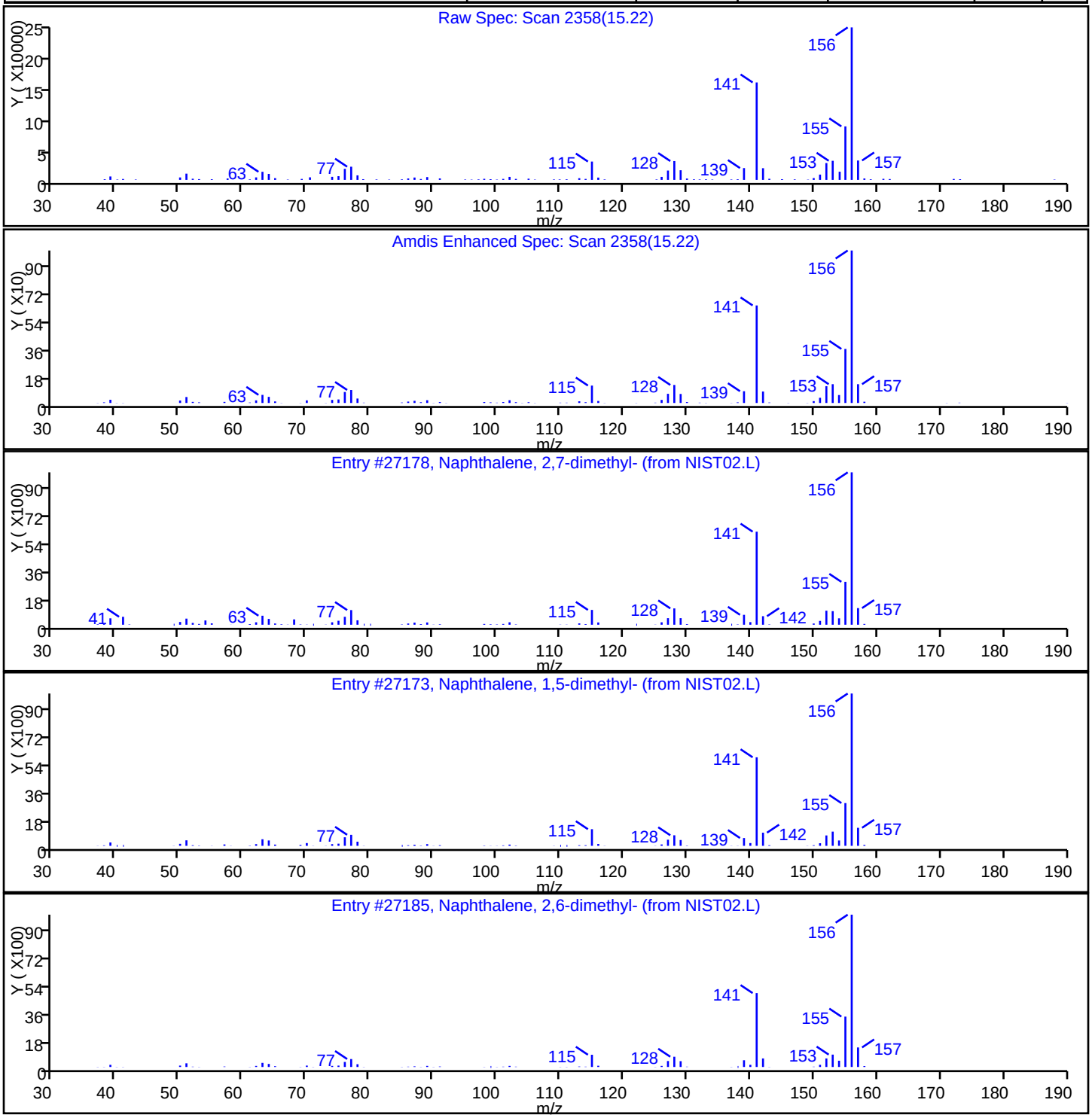
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02	27178	C12H12	156	97
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.L	27173	C12H12	156	97
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27185	C12H12	156	97



Report Date: 02-Aug-2015 22:46:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01902.D

Injection Date: 31-Jul-2015 17:36:30 Instrument ID: CVOAMS13

Lims ID: 460-98740-B-15 Lab Sample ID: 460-98740-15

Client ID: MW-50

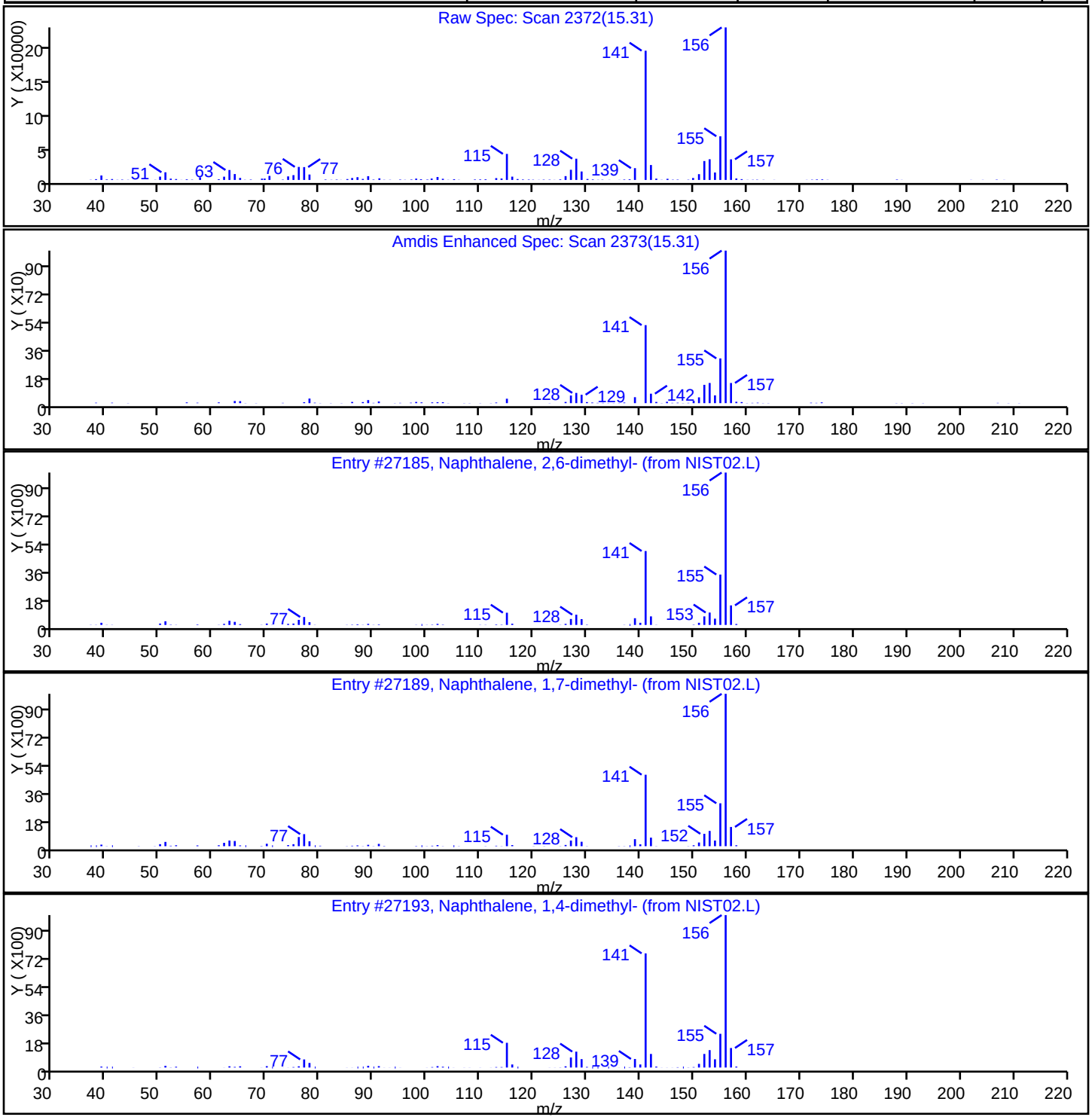
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02	27185	C12H12	156	94
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27189	C12H12	156	94
Naphthalene, 1,4-dimethyl-	571-58-4	NIST02.L	27193	C12H12	156	94



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-7 | Lab Sample ID: 460-98740-16

Matrix: Water | Lab File ID: P01886.D

Analysis Method: 8260C | Date Collected: 07/28/2015 14:06

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:55

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.12	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-7 | Lab Sample ID: 460-98740-16

Matrix: Water | Lab File ID: P01886.D

Analysis Method: 8260C | Date Collected: 07/28/2015 14:06

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 10:55

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	4.0		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.44	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.36	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	101		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: FB-7 Lab Sample ID: 460-98740-16

Matrix: Water Lab File ID: P01886.D

Analysis Method: 8260C Date Collected: 07/28/2015 14:06

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:55

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01886.D
Lims ID: 460-98740-B-16 Lab Sample ID: 460-98740-16
Client ID: FB-7
Sample Type: Client
Inject. Date: 31-Jul-2015 10:55:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-B-16
Misc. Info.: 460-0030277-009
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:45:16 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:45:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	2.028	2.028	0.000	93	9804	3.98	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	325392	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	96273	50.0	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	315315	250.0	
54 Benzene	78	3.546	3.546	0.000	90	1102	0.1156	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	110608	47.6	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	465501	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	94	33549	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	367688	48.5	
78 Toluene	91	5.539	5.539	0.000	92	3520	0.3588	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	353438	50.0	
95 m-Xylene & p-Xylene	106	7.728	7.716	0.012	95	1763	0.4354	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	135668	50.3	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	211156	50.0	

Reagents:

8260ISNEW_00006	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added: 1.00	Units: uL	Run Reagent

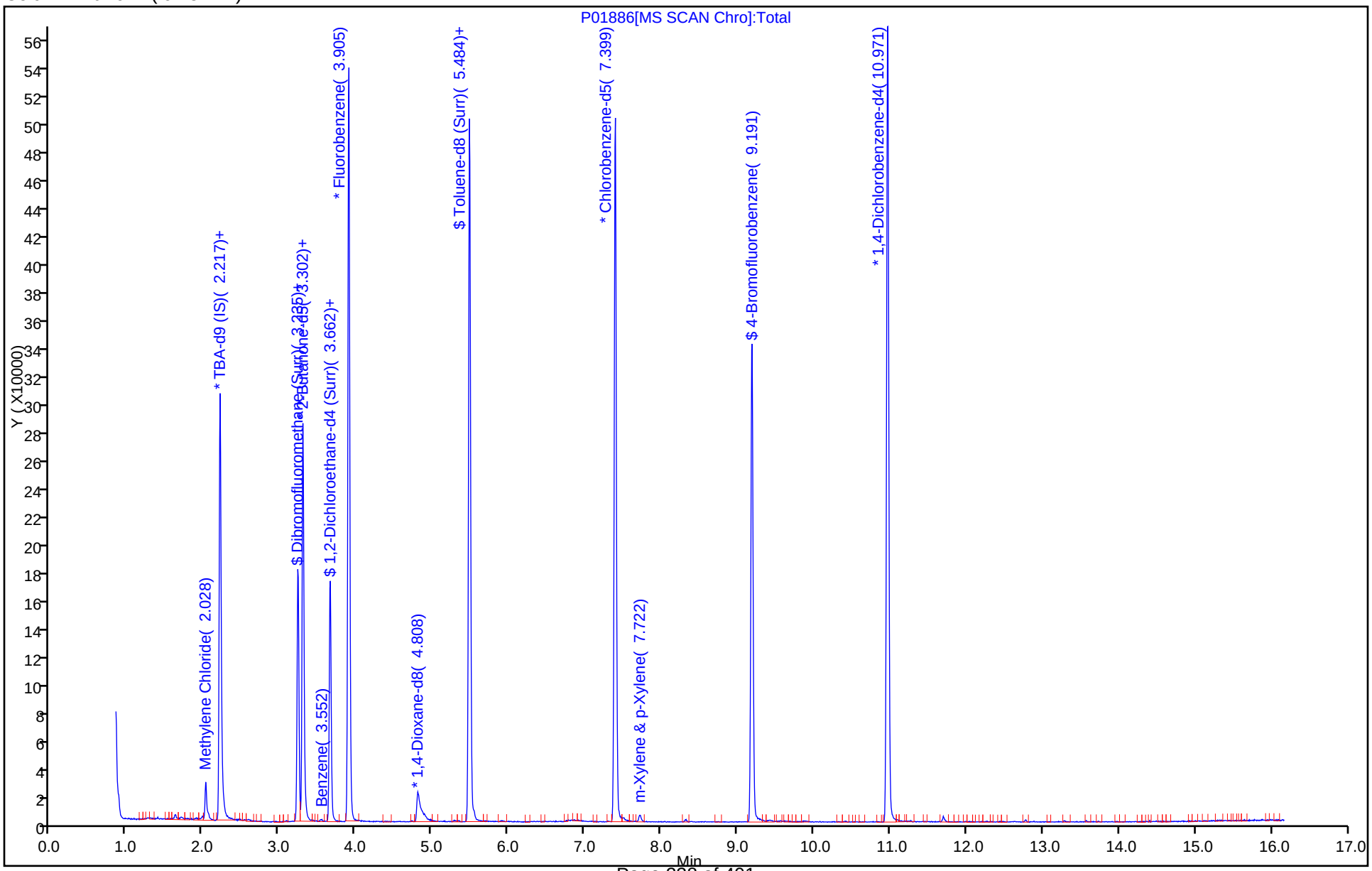
Report Date: 31-Jul-2015 16:45:17 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01886.D

Injection Date:	31-Jul-2015 10:55:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-B-16	Lab Sample ID:	460-98740-16	Worklist Smp#:	9
Client ID:	FB-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



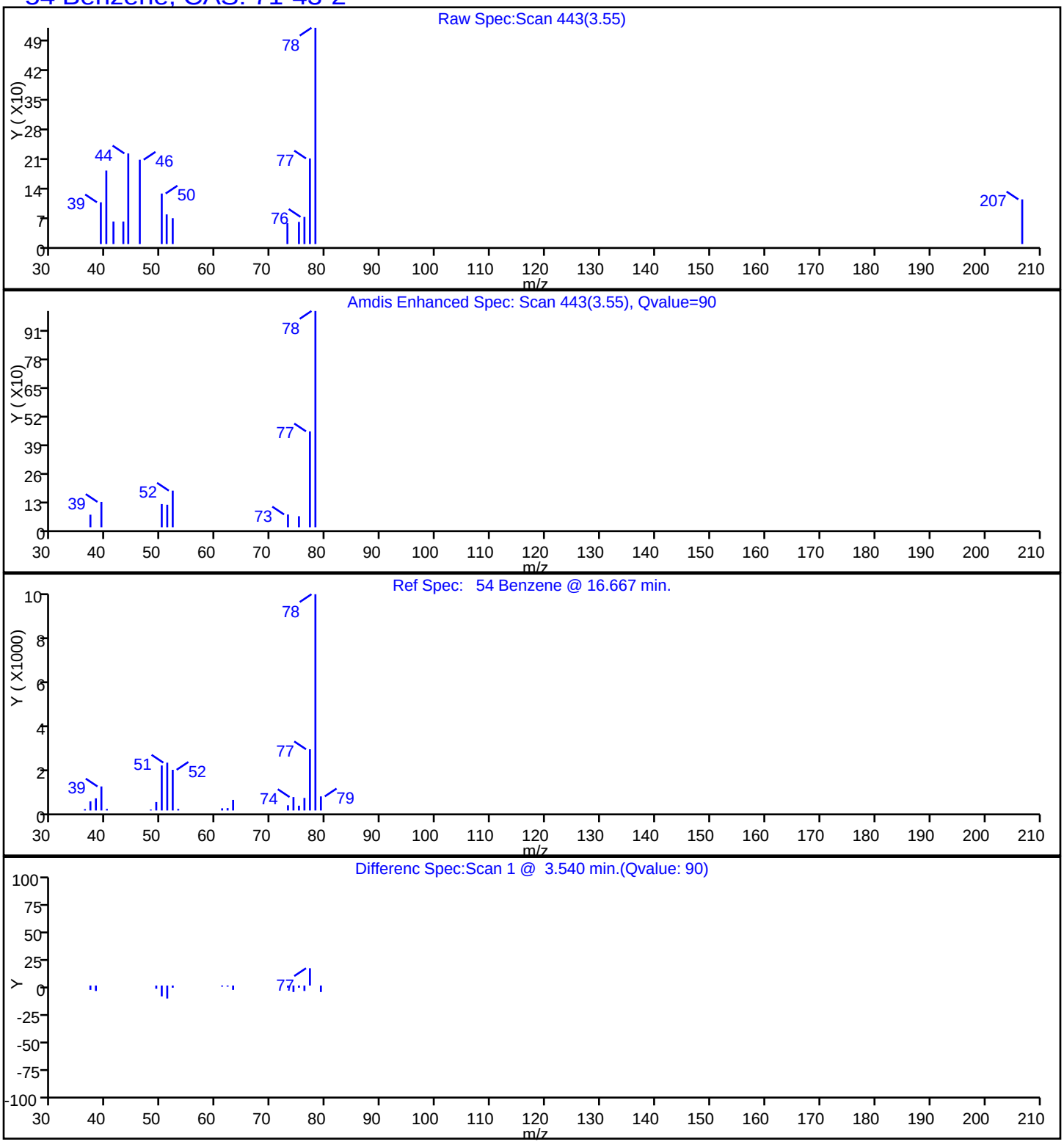
Report Date: 31-Jul-2015 16:45:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01886.D

Injection Date:	31-Jul-2015 10:55:30	Instrument ID:	CVOAMS13		
Lims ID:	460-98740-B-16	Lab Sample ID:	460-98740-16		
Client ID:	FB-7				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

54 Benzene, CAS: 71-43-2



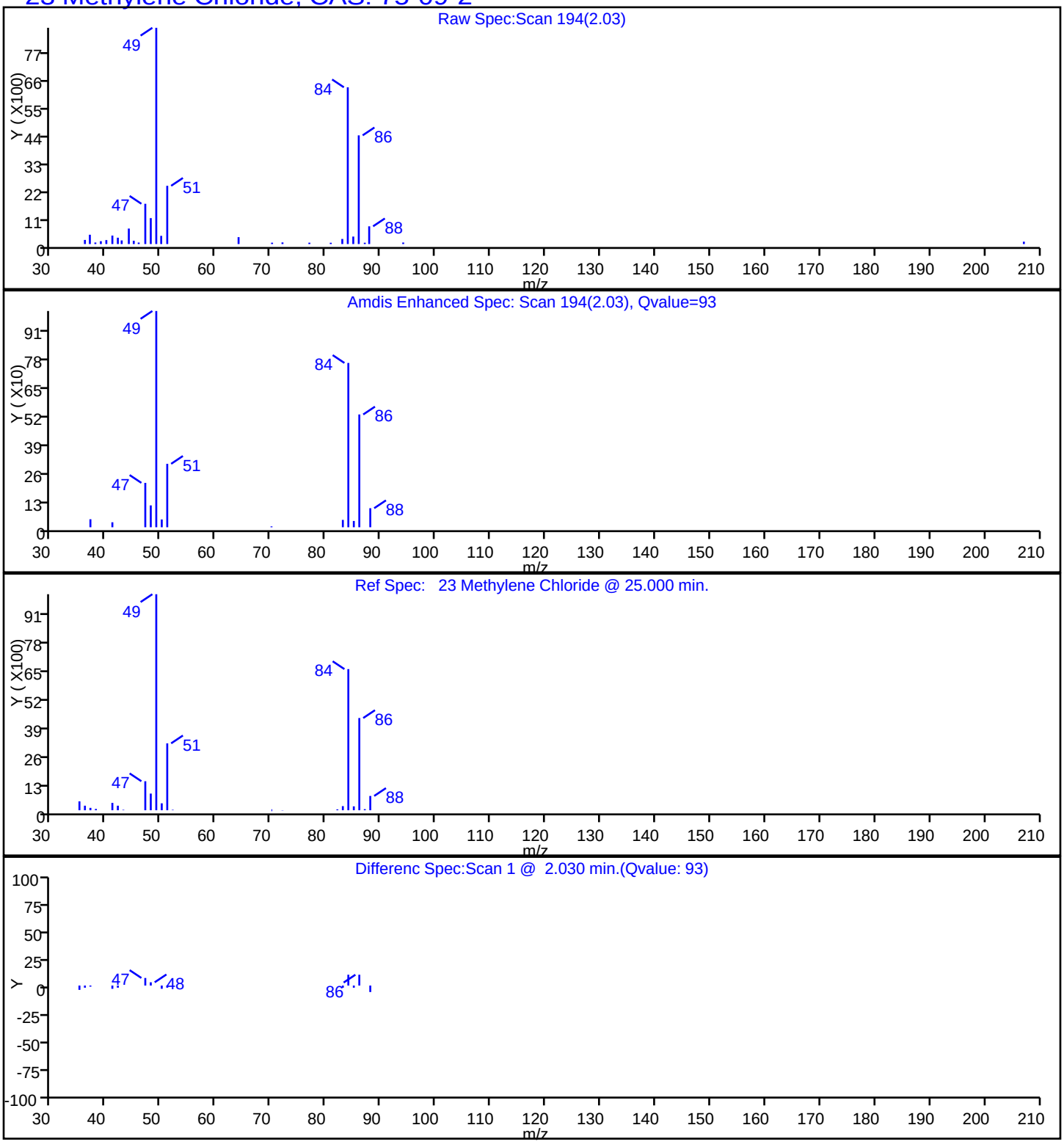
Report Date: 31-Jul-2015 16:45:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01886.D

Injection Date:	31-Jul-2015 10:55:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-16	Lab Sample ID:	460-98740-16
Client ID:	FB-7		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

23 Methylene Chloride, CAS: 75-09-2

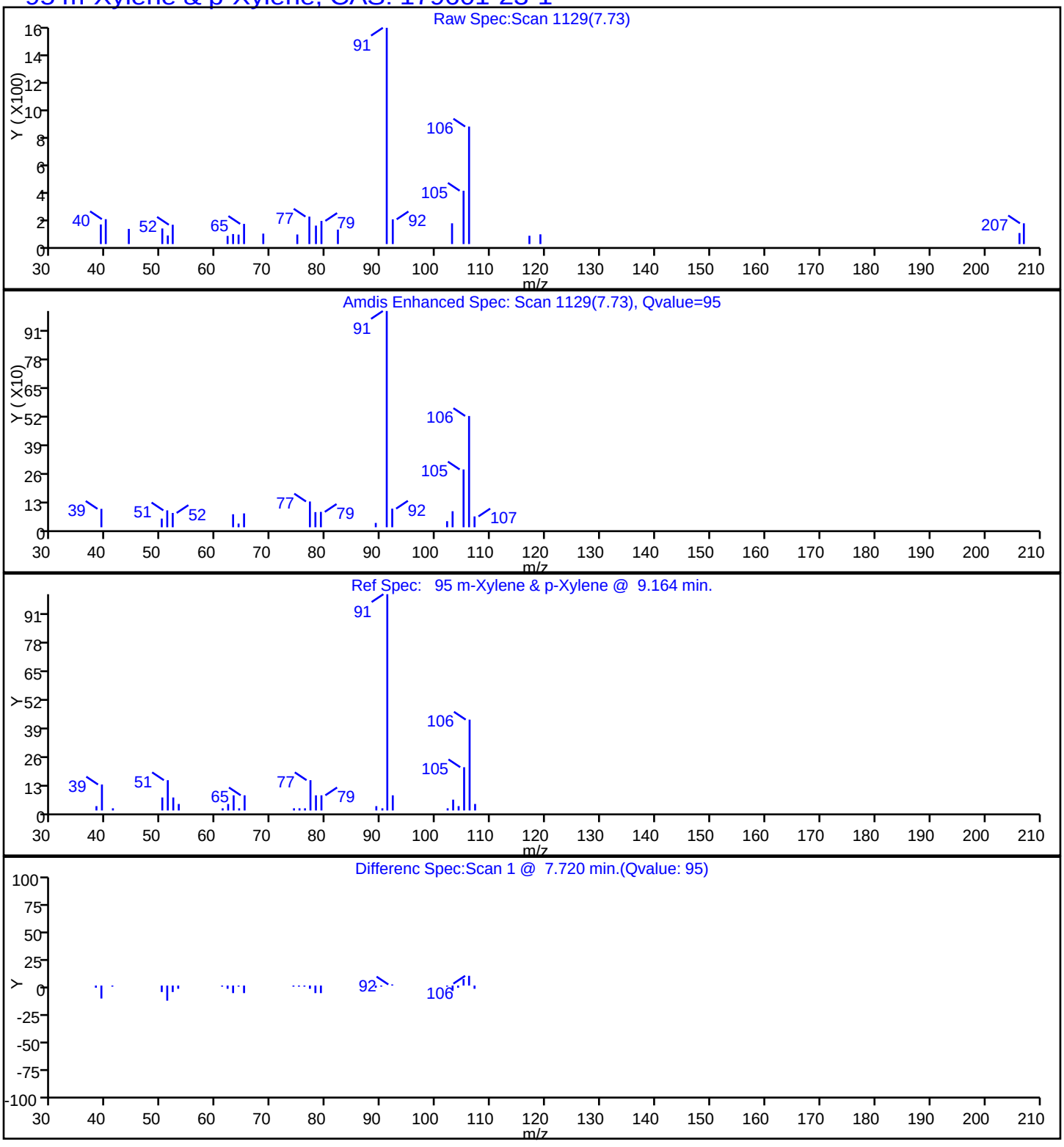


Report Date: 31-Jul-2015 16:45:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01886.D		
Injection Date:	31-Jul-2015 10:55:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-16	Lab Sample ID:	460-98740-16
Client ID:	FB-7		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



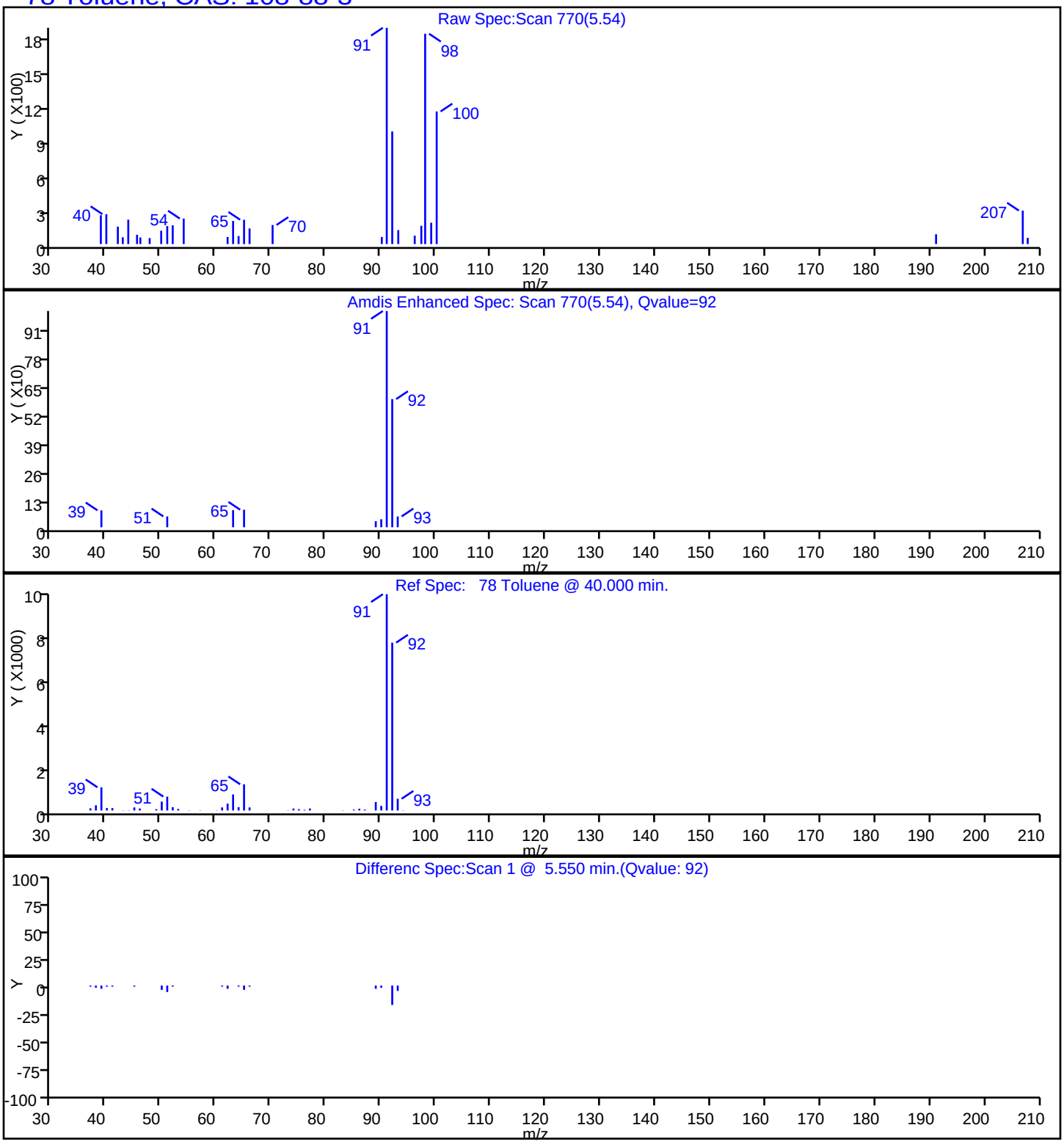
Report Date: 31-Jul-2015 16:45:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01886.D

Injection Date:	31-Jul-2015 10:55:30	Instrument ID:	CVOAMS13
Lims ID:	460-98740-B-16	Lab Sample ID:	460-98740-16
Client ID:	FB-7		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-98740-17

Matrix: Water | Lab File ID: P01887.D

Analysis Method: 8260C | Date Collected: 07/28/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 11:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-98740-17

Matrix: Water | Lab File ID: P01887.D

Analysis Method: 8260C | Date Collected: 07/28/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 11:20

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	100		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-98740-17

Matrix: Water Lab File ID: P01887.D

Analysis Method: 8260C Date Collected: 07/28/2015 00:00

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 11:20

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01887.D
Lims ID: 460-98740-A-17 Lab Sample ID: 460-98740-17
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 31-Jul-2015 11:20:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98740-A-17
Misc. Info.: 460-0030277-010
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:45:54 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:45:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	302383	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	95105	49.2	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	293966	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	108511	46.5	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	467902	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	93	30943	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	361699	47.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	355453	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	136063	50.2	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	212848	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

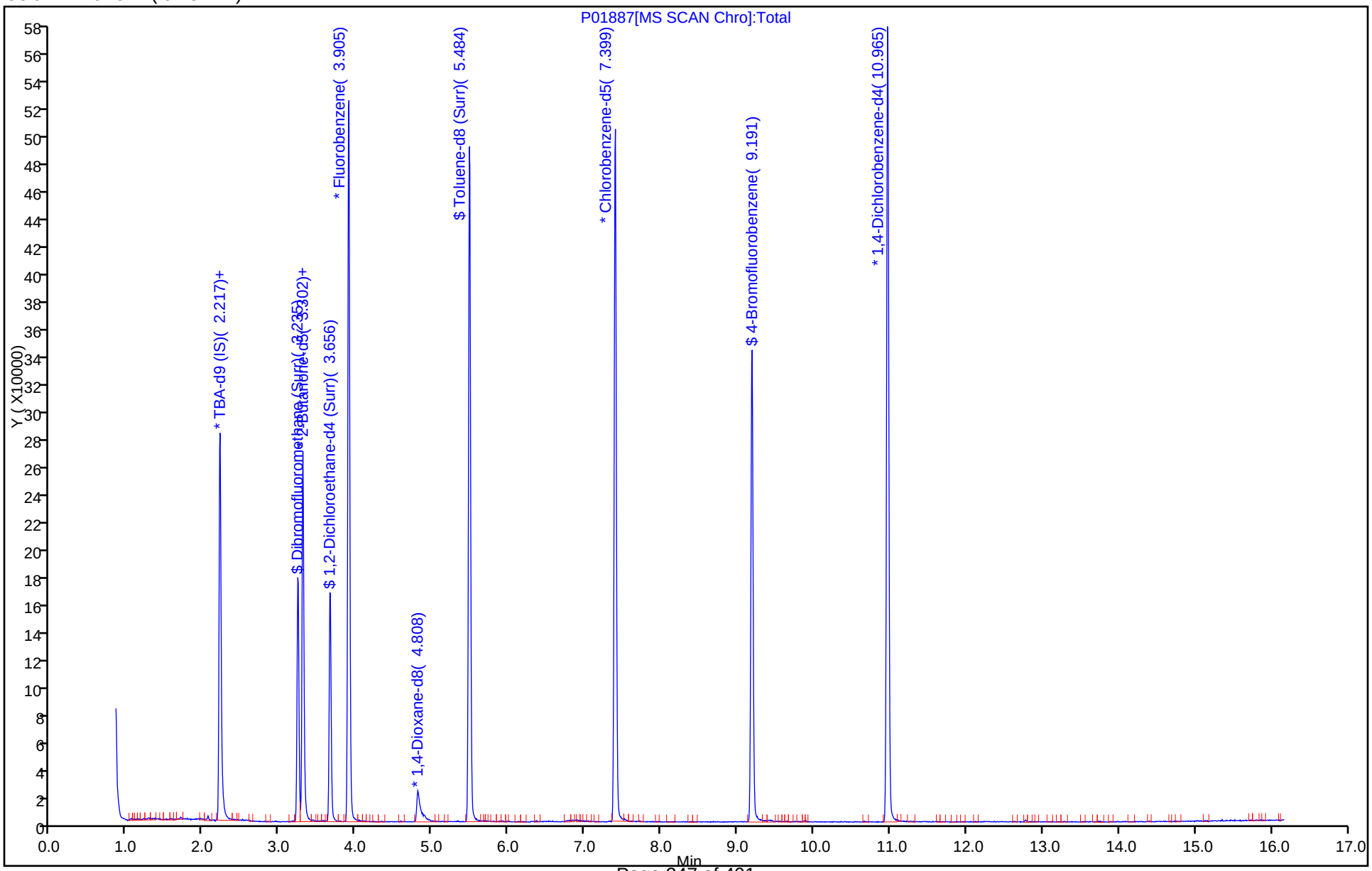
Report Date: 31-Jul-2015 16:45:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01887.D

Injection Date:	31-Jul-2015 11:20:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-A-17	Lab Sample ID:	460-98740-17	Worklist Smp#:	10
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-313467/12	P01812.D
Level 2	STD05 460-313467/3	P01803.D
Level 3	STD1 460-313467/17	P01817.D
Level 4	STD5 460-313467/5	P01805.D
Level 5	STD20 460-313467/6	P01806.D
Level 6	STD50 460-313467/7	P01807.D
Level 7	STD200 460-313467/8	P01808.D
Level 8	STD500 460-313467/9	P01809.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0209	0.0230 0.0254	0.0181 0.0256	0.0198	0.0197	Ave		0.0218				13.5		20.0			
Dichlorodifluoromethane	+++++ 0.2515	0.2341 0.2304	0.2754 0.2169	0.2842	0.2439	Ave		0.2481			0.1000	9.8		20.0			
Vinyl chloride	+++++ 0.2963	0.3089 0.2605	0.3082 0.2625	0.3263	0.2841	Ave		0.2924			0.1000	8.5		20.0			
Chloromethane	+++++ 0.3925	0.4802 0.3472	0.4332 0.3605	0.4469	0.3829	Ave		0.4062			0.1000	12.0		20.0			
Butadiene	+++++ 0.2403	0.3221 0.2196	0.2858 0.2186	0.2678	0.2299	Ave		0.2549				15.2		20.0			
Bromomethane	+++++ 2.5162	2.5385 3.6478	2.4046 4.9771	2.0045	1.9602	Qua2	0.2402	2.0766	0.0060858		0.1000				0.9950		0.9900
Chloroethane	+++++ 0.1509	0.1706 0.1391	0.1731 0.1621	0.1906	0.1748	Ave		0.1659			0.1000	10.2		20.0			
Pentane	+++++ 1.1038	1.1286 1.2147	1.0122 1.1353	0.7728	0.9980	Ave		1.0522				13.7		20.0			
Trichlorofluoromethane	+++++ 0.3728	0.4873 0.3376	0.3973 0.3253	0.4000	0.3548	Ave		0.3822			0.1000	14.2		20.0			
Dichlorofluoromethane	+++++ 0.4675	0.5688 0.4175	0.4939 0.4277	0.5499	0.4617	Ave		0.4839				11.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3348	0.3184 0.3405	0.3173 0.3175	0.3034	0.3225	Ave		0.3221				3.8		20.0			
Ethyl ether	+++++ 0.2258	0.2380 0.2169	0.2641 0.2101	0.2266	0.2269	Ave		0.2298				7.6		20.0			
Ethanol	+++++ 0.0559	0.0857 0.0584	0.0630 0.0590	0.0509	0.0594	Ave		0.0618				18.2		20.0			
1,1-Dichloroethene	+++++ 0.2058	0.2631 0.2170	0.2404 0.2213	0.2243	0.1986	Ave		0.2244			0.1000	9.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2798	0.4105 0.2930	0.2997 0.2528	0.2852	0.2710	Ave		0.2989				17.2		20.0			
Carbon disulfide	+++++ 0.7640	1.1483 0.8020	0.9346 0.8208	0.8086	0.7708	Ave		0.8641			0.1000	15.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1631	0.2224 0.2022	0.1746 0.2134	0.1242	0.1627	Ave		0.1804			0.1000	19.1		20.0			
Iodomethane	+++++ 0.1599	0.0734 0.2335	0.1114 0.2485	0.0742	0.1088	QuaF		0.2116	0.0000747						0.9990		0.9900
Cyclopentene	+++++ 0.6185	0.7588 0.6345	0.6348 0.6123	0.6030	0.6191	Ave		0.6401				8.4		20.0			
Acrolein	+++++ 0.3321	0.3298 0.3269	0.3811 0.3495	0.3275	0.3154	Ave		0.3375				6.4		20.0			
Allyl chloride	+++++ 0.1350	0.1501 0.1353	0.1246 0.1182	0.1374	0.1292	Ave		0.1328				7.7		20.0			
Isopropyl alcohol	+++++ 0.7474	1.0459 0.7169	0.7573 0.6948	0.8093	0.8001	Ave		0.7960				14.8		20.0			
Methylene Chloride	+++++ 0.2574	0.3416 0.2501	0.2398 0.2476	0.2557	0.2592	Ave		0.2645			0.1000	13.1		20.0			
Acetone	+++++ 1.0316	1.8814 0.9881	1.0811 0.7665	1.0727	1.0295	QuaF		1.1245	-0.000143		0.0500				1.0000		0.9900
trans-1,2-Dichloroethene	+++++ 0.2427	0.3260 0.2437	0.2910 0.2466	0.2525	0.2431	Ave		0.2636			0.1000	12.3		20.0			
Methyl acetate	+++++ 0.3865	0.3865 0.4019	0.3166 0.3903	0.3427	0.3823	Ave		0.3724			0.1000	8.3		20.0			
Hexane	+++++ 0.4101	0.5744 0.4865	0.4197 0.4874	0.2893	0.4118	QuaF		0.4735	0.0000286						1.0000		0.9900
Methyl tert-butyl ether	+++++ 0.7961	0.8287 0.7672	0.7260 0.7676	0.7464	0.7853	Ave		0.7739			0.1000	4.3		20.0			
2-Methyl-2-propanol	+++++ 1.1349	5.6012 1.0723	1.9943 1.0780	1.4347	1.1503	Qua	20.175	1.0593	0.0000029						1.0000		0.9900
Acetonitrile	+++++ 1.3781	1.5266 1.4283	1.4520 1.2493	1.5743	1.3708	Ave		1.4256				7.5		20.0			
Isopropyl ether	+++++ 0.9283	1.1094 0.9751	0.9310 0.8707	0.9007	0.8940	Ave		0.9442				8.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2056	0.2378 0.2102	0.1969 0.2019	0.2047	0.2057	Ave		0.2090				6.4		20.0			
1,1-Dichloroethane	+++++ 0.4654	0.6202 0.4452	0.4653 0.4435	0.4770	0.4619	Ave		0.4826			0.2000	12.8		20.0			
Acrylonitrile	0.1421 0.1191	0.1231 0.1082	0.1058 0.1058	0.1091	0.1155	Ave		0.1161				10.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	+++++ 0.5262	0.2896 0.5601	0.4603 0.5378	0.4927	0.5131	Ave		0.4828				18.9		20.0			
Tert-butyl ethyl ether	+++++ 0.8292	0.9229 0.8757	0.8127 0.8010	0.7974	0.8015	Ave		0.8344				5.7		20.0			
Vinyl acetate	+++++ 0.3356	0.3838 0.3235	0.3474 0.3412	0.3140	0.3090	Ave		0.3363				7.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.2623	0.2970 0.2560	0.2551 0.2526	0.2662	0.2610	Ave		0.2643			0.1000	5.7		20.0			
2,2-Dichloropropane	+++++ 0.3245	0.4263 0.3345	0.3321 0.3389	0.3273	0.3127	Ave		0.3423				11.1		20.0			
Cyclohexane	+++++ 0.2992	0.3819 0.3808	0.3114 0.4029	0.2164	0.3034	Ave		0.3280			0.1000	19.9		20.0			
Chlorobromomethane	+++++ 0.1330	0.1453 0.1263	0.1433 0.1246	0.1294	0.1337	Ave		0.1337				6.0		20.0			
Chloroform	+++++ 0.4188	0.4429 0.4054	0.3998 0.4096	0.4285	0.4131	Ave		0.4169			0.2000	3.5		20.0			
Carbon tetrachloride	+++++ 0.2568	0.3175 0.2875	0.2864 0.2970	0.2487	0.2535	Ave		0.2782			0.1000	9.3		20.0			
Ethyl acetate	+++++ 1.0735	1.1947 1.0920	1.0926 1.0717	1.0004	1.1013	Ave		1.0895				5.3		20.0			
Methyl acrylate	+++++ 0.2720	0.2346 0.2644	0.2308 0.2627	0.2381	0.2718	Ave		0.2535				7.2		20.0			
Tetrahydrofuran	+++++ 0.8829	1.0508 0.8685	0.7425 0.8563	0.8898	0.8447	Ave		0.8765				10.4		20.0			
1,1,1-Trichloroethane	+++++ 0.3291	0.3762 0.3457	0.3707 0.3487	0.3397	0.3197	Ave		0.3471			0.1000	5.9		20.0			
1,1-Dichloropropene	+++++ 0.2848	0.4595 0.2995	0.3476 0.3042	0.3029	0.2884	Ave		0.3267				19.0		20.0			
2-Butanone (MEK)	+++++ 0.3138	0.3782 0.3036	0.2852 0.2791	0.3131	0.3011	Ave		0.3106			0.0500	10.5		20.0			
2,2,4-Trimethylpentane	+++++ 0.5910	0.5396 0.6207	0.4314 0.5794	0.3398	0.4781	Ave		0.5114				19.7		20.0			
n-Heptane	+++++ 0.1079	0.1082 0.1519	0.0893 0.1488	0.0473	0.1025	QuaF		0.1463	0.0000055						0.9990		0.9900
Benzene	+++++ 1.3541	1.4373 1.3215	1.3998 1.3148	1.2955	1.3142	Ave		1.3482			0.5000	3.9		20.0			
Propionitrile	+++++ 1.4761	1.5853 1.5326	1.5376 1.3847	1.4391	1.4546	Ave		1.4871				4.6		20.0			
Methacrylonitrile	+++++ 0.1248	0.1091 0.1195	0.1066 0.1166	0.1122	0.1278	Ave		0.1167				6.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 0.7399	0.8096 0.7916	0.6950 0.7247	0.6613	0.6934	Ave		0.7308				7.4		20.0			
1,2-Dichloroethane	+++++ 0.3345	0.4986 0.3176	0.3474 0.3153	0.3349	0.3282	Ave		0.3538			0.1000	18.3		20.0			
Isobutyl alcohol	+++++ 0.4692	0.4345 0.4839	0.4105 0.4892	0.4084	0.4256	Ave		0.4459				7.7		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.5223	0.4467 0.5501	0.2893 0.5336	0.3420	0.4624	QuaF		0.5537	-0.000020						1.0000		0.9900
Isopropyl acetate	+++++ 0.5611	0.5230 0.5501	0.4514 0.5422	0.4610	0.5620	Ave		0.5215				8.9		20.0			
Methylcyclohexane	+++++ 0.2700	0.3103 0.3584	0.2305 0.3723	0.1630	0.2758	QuaF		0.3361	0.0000733		0.1000				0.9990		0.9900
Trichloroethene	+++++ 0.2617	0.3006 0.2624	0.2569 0.2656	0.2542	0.2577	Ave		0.2656			0.2000	6.0		20.0			
Dibromomethane	+++++ 0.1548	0.1639 0.1501	0.1456 0.1501	0.1473	0.1461	Ave		0.1511				4.3		20.0			
n-Butanol	+++++ 0.2848	0.1520 0.3052	0.2360 0.3152	0.2162	0.2729	Qua2	-1.358	0.2679	0.0000044						0.9930		0.9900
1,2-Dichloropropane	+++++ 0.2586	0.2894 0.2566	0.2273 0.2595	0.2462	0.2547	Ave		0.2560			0.1000	7.2		20.0			
Ethyl acrylate	+++++ 0.3575	0.2551 0.3486	0.2642 0.3501	0.2846	0.3450	Ave		0.3150				14.3		20.0			
Dichlorobromomethane	+++++ 0.3194	0.3133 0.3228	0.2872 0.3299	0.3013	0.3070	Ave		0.3116			0.2000	4.6		20.0			
Methyl methacrylate	+++++ 0.0789	0.0654 0.0764	0.0601 0.0753	0.0628	0.0773	Ave		0.0709				11.1		20.0			
1,4-Dioxane	+++++ 1.1596	1.0455 1.1063	0.9769 1.1167	1.0125	1.1809	Ave		1.0855				7.0		20.0			
n-Propyl acetate	+++++ 0.4406	0.3607 0.4116	0.3529 0.4090	0.3497	0.4166	Ave		0.3916				9.3		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1697	0.1057 0.1677	0.1207 0.1682	0.1318	0.1666	Ave		0.1472				18.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5315	0.4670 0.5414	0.4331 0.5465	0.4365	0.4950	Ave		0.4930			0.2000	9.8		20.0			
Toluene	+++++ 1.3983	1.4528 1.3908	1.3961 1.4076	1.2972	1.3713	Ave		1.3877			0.4000	3.4		20.0			
Epichlorohydrin	0.2173 0.2188	0.1908 0.2154	0.1963 0.2133	0.1943	0.2072	Ave		0.2067				5.5		20.0			
2-Nitropropane	+++++ 0.0658	0.0617 0.0674	0.0577 0.0687	0.0534	0.0632	Ave		0.0625				8.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tetrachloroethene	+++++ 0.3458	0.3980 0.3619	0.4066 0.3646	0.3313	0.3378	Ave		0.3637			0.2000	8.0		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1360	1.9310 2.0966	1.8327 2.0866	1.8610	2.0425	Ave		1.9981			0.0500	6.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.4817	0.4044 0.4852	0.4075 0.4905	0.3926	0.4425	Ave		0.4435			0.1000	9.6		20.0			
1,1,2-Trichloroethane	+++++ 0.2588	0.2103 0.2548	0.2383 0.2514	0.2382	0.2463	Ave		0.2426			0.1000	6.7		20.0			
Ethyl methacrylate	+++++ 0.3282	0.2242 0.3177	0.2293 0.3234	0.2535	0.2999	Ave		0.2823				16.1		20.0			
Chlorodibromomethane	+++++ 0.3314	0.2702 0.3397	0.2927 0.3454	0.2834	0.3073	Ave		0.3100			0.1000	9.5		20.0			
1,3-Dichloropropane	+++++ 0.5309	0.4600 0.5185	0.4677 0.5138	0.4768	0.5015	Ave		0.4956				5.5		20.0			
Ethylene Dibromide	+++++ 0.3198	0.2863 0.3147	0.2862 0.3078	0.2764	0.3019	Ave		0.2990			0.1000	5.5		20.0			
n-Butyl acetate	+++++ 0.2644	0.2146 0.2620	0.2072 0.2606	0.2046	0.2473	Ave		0.2372				11.5		20.0			
2-Hexanone	+++++ 1.7111	1.2349 1.6162	1.2146 1.4802	1.3826	1.5823	Ave		1.4603			0.0500	13.1		20.0			
Chlorobenzene	+++++ 0.9246	0.9418 0.9170	0.9685 0.9264	0.8524	0.8907	Ave		0.9173			0.5000	4.0		20.0			
Ethylbenzene	+++++ 0.4773	0.4401 0.4827	0.4655 0.4928	0.4472	0.4667	Ave		0.4675			0.1000	4.0		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3152	0.2903 0.3290	0.2731 0.3316	0.2803	0.2992	Ave		0.3027				7.7		20.0			
m-Xylene & p-Xylene	+++++ 0.5912	0.5693 0.5923	0.5583 0.5979	0.5384	0.5622	Ave		0.5728			0.1000	3.8		20.0			
o-Xylene	+++++ 0.5731	0.5057 0.5744	0.4819 0.5752	0.5006	0.5363	Ave		0.5353			0.3000	7.4		20.0			
Bromoform	+++++ 0.2394	0.2350 0.2510	0.2161 0.2606	0.1991	0.2191	Ave		0.2315			0.1000	9.2		20.0			
Styrene	+++++ 1.0108	0.7476 1.0231	0.7901 1.0428	0.7971	0.9419	Ave		0.9076			0.3000	13.9		20.0			
n-Butyl acrylate	+++++ 0.2507	0.1203 0.2566	0.1505 0.2550	0.1763	0.2287	Qua2	-0.057	0.2227	0.0000836						0.9900		0.9900
Isopropylbenzene	+++++ 1.4629	1.1577 1.5284	1.2763 1.5495	1.2992	1.4135	Ave		1.3839			0.1000	10.4		20.0			
Camphene	+++++ 0.0990	0.0961 0.1072	0.0757 0.1028	0.0772	0.0875	Ave		0.0922				13.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.1329	0.6504 1.1210	0.7220 1.1240	0.8149	1.0391	Qua2	-0.203	1.0046	0.0003075						0.9910		0.9900
Bromobenzene	+++++ 0.7403	0.6894 0.7390	0.7799 0.7547	0.6676	0.7045	Ave		0.7251				5.4		20.0			
N-Propylbenzene	+++++ 2.9327	2.4068 3.1546	2.6374 3.2484	2.4687	2.7789	Ave		2.8039				11.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6981	0.5110 0.6835	0.6640 0.7010	0.5878	0.6549	Ave		0.6429			0.3000	10.8		20.0			
2-Chlorotoluene	+++++ 2.0768	1.8195 2.1654	1.9566 2.2411	1.8761	2.0388	Ave		2.0249				7.5		20.0			
4-Ethyltoluene	+++++ 2.7327	2.0826 2.8571	2.3673 2.8679	2.3168	2.6832	Ave		2.5582				11.9		20.0			
1,2,3-Trichloropropane	+++++ 0.2139	0.1801 0.2080	0.1893 0.2058	0.1783	0.2046	Ave		0.1971				7.3		20.0			
1,3,5-Trimethylbenzene	+++++ 2.1881	1.6106 2.3085	1.9065 2.3467	1.8817	2.0995	Ave		2.0488				12.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2151	0.1297 0.2141	0.1752 0.2179	0.1839	0.1969	Ave		0.1904				16.5		20.0			
4-Chlorotoluene	+++++ 1.9592	1.5517 2.0094	1.7118 2.0601	1.7640	1.9050	Ave		1.8516				9.9		20.0			
tert-Butylbenzene	+++++ 1.7767	1.4487 1.9394	1.5173 1.9797	1.5270	1.7035	Ave		1.6989				12.4		20.0			
Butyl Methacrylate	+++++ 0.7743	0.3771 0.8493	0.4181 0.8681	0.5075	0.7105	QuaF		0.8243	0.0000884						1.0000		0.9900
1,2,4-Trimethylbenzene	+++++ 2.3205	1.6407 2.4279	1.8003 2.4849	1.9239	2.2447	Ave		2.1204				15.6		20.0			
sec-Butylbenzene	+++++ 2.5317	1.9593 2.8280	2.1023 2.8697	2.1645	2.4395	Ave		2.4136				14.7		20.0			
1,3-Dichlorobenzene	+++++ 1.4066	1.1695 1.4310	1.4137 1.4558	1.2779	1.3575	Ave		1.3589			0.6000	7.5		20.0			
4-Isopropyltoluene	+++++ 2.3491	1.5691 2.6048	1.7300 +++++	1.8916	2.2593	Ave		2.0673				19.3		20.0			
1,4-Dichlorobenzene	+++++ 1.4210	1.4767 1.4381	1.5863 1.4437	1.3846	1.4165	Ave		1.4524			0.5000	4.5		20.0			
Indan	+++++ 2.4732	1.8390 2.5376	2.1719 2.4866	2.1548	2.5091	Ave		2.3103				11.4		20.0			
Benzyl chloride	+++++ 1.7526	1.0526 1.8697	1.2828 1.8869	1.3045	1.6412	Qua2	-0.291	1.5997	0.0007033						0.9930		0.9900
p-Diethylbenzene	+++++ 1.4790	0.9619 1.5469	1.2631 1.5094	1.1731	1.4273	Ave		1.3372				16.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 2.0476	1.6301 2.2831	1.8401 2.2462	1.7697	2.0462	Ave		1.9804				12.3		20.0			
1,2-Dichlorobenzene	+++++ 1.3764	1.3720 1.3859	1.4711 1.3749	1.2990	1.3602	Ave		1.3771			0.4000	3.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3140	1.4013 2.4968	1.6786 2.4662	1.5964	2.1757	QuaF		2.4808	-0.000027						1.0000		0.9900
1,2-Dibromo-3-Chloropropane	+++++ 0.1709	0.1280 0.1742	0.1422 0.1693	0.1475	0.1615	Ave		0.1562			0.0500	11.1		20.0			
1,3,5-Trichlorobenzene	+++++ 1.1197	0.9437 1.1780	1.1701 1.1272	1.0331	1.1550	Ave		1.1038				7.8		20.0			
1,2,4-Trichlorobenzene	+++++ 1.0594	0.9576 1.1065	1.0106 1.1330	0.9150	1.0261	Ave		1.0298			0.2000	7.5		20.0			
Hexachlorobutadiene	+++++ 0.3952	0.4436 0.4557	0.4727 0.4550	0.3690	0.3873	Ave		0.4255				9.6		20.0			
Camphor	+++++ 0.0911	0.0609 0.0871	0.0692 0.0835	0.0558	0.0786	Ave		0.0752				18.0		20.0			
Naphthalene	+++++ 2.6374	2.0051 2.5914	1.9142 2.5270	1.9886	2.4884	Ave		2.3074				13.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.9737	0.9542 0.9895	0.9836 0.9903	0.9113	0.9590	Ave		0.9659				2.9		20.0			
Dibromofluoromethane (Surr)	0.1996 0.1957	0.2493 0.1975	0.1960 0.1996	0.2120	0.2042	Ave		0.2067				8.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2403 0.2386	0.2991 0.2374	0.2393 0.2456	0.2500	0.2450	Ave		0.2494				8.2		20.0			
Toluene-d8 (Surr)	1.0536 1.0732	1.1101 1.0726	1.0607 1.0737	1.0624	1.0719	Ave		1.0723				1.6		20.0			
4-Bromofluorobenzene	0.3731 0.3838	0.3961 0.3737	0.3776 0.3718	0.3850	0.3884	Ave		0.3812				2.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-313467/12	P01812.D
Level 2	STD05 460-313467/3	P01803.D
Level 3	STD1 460-313467/17	P01817.D
Level 4	STD5 460-313467/5	P01805.D
Level 5	STD20 460-313467/6	P01806.D
Level 6	STD50 460-313467/7	P01807.D
Level 7	STD200 460-313467/8	P01808.D
Level 8	STD500 460-313467/9	P01809.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 11656	100 57679	192 151985	1011	4198	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 140101	1017 523585	2927 1290244	14508	52093	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 165073	1342 591899	3276 1561087	16660	60665	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 218620	2086 789095	4604 2143889	22817	81780	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	+++++ 133866	1399 499056	3038 1300366	13672	49102	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	TBA	Qua2	+++++ 47061	433 262736	784 916430	3223	13880	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 84053	741 316054	1840 964405	9731	37330	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	TBA	Ave	+++++ 41288	385 174986	660 418085	2485	14134	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	+++++ 207687	2117 767136	4223 1935035	20420	75763	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 260403	2471 948721	5250 2543965	28077	98597	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 186476	1383 773867	3373 1888253	15490	68882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl ether	FB	Ave	+++++ 125784	1034 492930	2807 1249809	11570	48449	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethanol	TBA	Ave	+++++ 41783	585 168172	822 434489	3272	16835	+++++ 2000	20.0 8000	40.0 20000	200	800
1,1-Dichloroethene	FB	Ave	+++++ 114646	1143 493174	2555 1316057	11453	42418	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 155873	1783 665756	3186 1503497	14563	57881	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon disulfide	FB	Ave	+++++ 425559	4988 1822515	9934 4881884	41284	164605	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 90840	966 459429	1856 1269346	6342	34753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	QuaF	+++++ 89071	319 530721	1184 1478282	3787	23233	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	+++++ 344515	3296 1442022	6747 3641621	30787	132218	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBA	Ave	+++++ 12423	225 23545	497 51488	2106	4466	+++++ 100	2.00 200	4.00 400	20.0	40.0
Allyl chloride	FB	Ave	+++++ 75198	652 307429	1324 703030	7014	27597	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBA	Ave	+++++ 139790	1784 516336	2469 1279369	13012	56653	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 143380	1484 568426	2549 1472638	13056	55346	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	+++++ 399492	5622 1476356	7240 3005518	34007	150002	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	+++++ 135181	1416 553778	3093 1466613	12889	51913	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 1076595	8394 4566217	16827 11606341	87473	408197	+++++ 250	2.50 1000	5.00 2500	25.0	100
Hexane	FB	QuaF	+++++ 228451	2495 1105573	4461 2899054	14769	87950	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 443443	3600 1743571	7717 4565580	38108	167706	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBA	Qua	+++++ 212252	9554 772313	6502 1984942	23068	81454	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBA	Ave	+++++ 257739	2604 1028755	4734 2300361	25313	97063	+++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	+++++ 517110	4819 2216026	9896 5178566	45986	190918	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 114530	1033 477765	2093 1201136	10453	43935	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 259237	2694 1011643	4946 2638044	24354	98640	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3054 663524	5346 2459988	11241 6294025	55697	246636	2.00 500	5.00 2000	10.0 5000	50.0	200
Allyl alcohol	TBA	Ave	+++++ 246048	1235 1008602	3752 2475482	19804	90836	+++++ 1250	12.5 5000	25.0 12500	125	500
Tert-butyl ethyl ether	FB	Ave	+++++ 461900	4009 1990089	8638 4764421	40712	171176	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	FB	Ave	+++++ 373849	3334 1470174	7385 4058957	32060	131972	+++++ 100	1.00 400	2.00 1000	10.0	40.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 146118	1290 581660	2711 1502488	13590	55735	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 180759	1852 760256	3530 2015685	16708	66785	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 166656	1659 865293	3310 2396131	11046	64802	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	+++++ 74066	631 287086	1523 741279	6606	28562	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	+++++ 233310	1924 921346	4249 2436340	21877	88223	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 143040	1379 653362	3044 1766735	12697	54136	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	+++++ 166287	1428 652610	2927 1680978	12686	64188	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 151511	1019 600886	2453 1562226	12157	58041	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 136750	1256 519016	1989 1343125	11283	49234	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	+++++ 183330	1634 785644	3940 2074208	17342	68270	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 158672	1996 680534	3695 1809210	15464	61599	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 121518	1130 453554	1910 1094553	9925	43876	+++++ 250	2.50 1000	5.00 2500	25.0	100
2,2,4-Trimethylpentane	FB	Ave	+++++ 329185	2344 1410609	4585 3446105	17348	102105	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	QuaF	+++++ 60087	470 345127	949 885293	2413	21887	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBZ	Ave	+++++ 557217	5352 2233909	10985 5915240	50359	210425	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBA	Ave	+++++ 276066	2704 1103895	5013 2549691	23138	103001	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	+++++ 695384	4740 2715827	11332 6936122	57283	272980	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tert-amyl methyl ether	FB	Ave	+++++ 412130	3517 1799060	7387 4310103	33763	148093	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 186339	2166 721816	3693 1875040	17098	70097	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBA	Ave	+++++ 219408	1853 871254	3346 2252056	16415	75341	+++++ 1250	12.5 5000	25.0 12500	125	500

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INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	QuaF	+++++ 581873	3881 2500487	6149 6347098	34927	197522	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Isopropyl acetate	FB	Ave	+++++ 312531	2272 1250119	4798 3224594	23535	120033	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	QuaF	+++++ 150384	1348 814522	2450 2214162	8323	58903	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 145788	1306 596226	2731 1579632	12977	55040	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 86214	712 341144	1548 892850	7519	31210	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBA	Qua2	+++++ 133153	648 549596	1924 1451111	8692	48309	+++++ 1250	12.5 5000	25.0 12500	125	500
1,2-Dichloropropane	FB	Ave	+++++ 144073	1257 583174	2416 1543335	12568	54396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 199148	1108 792153	2808 2082547	14529	73678	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 177931	1361 733687	3053 1962097	15382	65564	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 87928	568 347063	1277 895973	6413	33032	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 47152	899 170362	1717 430539	3571	18333	+++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 245411	1567 935375	3751 2432812	17854	88973	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 94529	459 381072	1283 1000688	6730	35584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 218697	1739 915154	3399 2458784	16967	79259	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBZ	Ave	+++++ 575401	5410 2351187	10956 6332613	50427	219580	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	1553 338956	2281 1287143	5259 3345777	24643	120788	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	Ave	+++++ 73257	536 306372	1226 817211	5449	27013	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBZ	Ave	+++++ 142292	1482 611742	3191 1640060	12879	54083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 827127	5770 3132463	12274 8182054	58998	297610	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 198225	1506 820192	3198 2206592	15261	70861	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 106505	783 430787	1870 1130789	9260	39444	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	FB	Ave	+++++ 182816	974 721889	2437 1923689	12944	64051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBZ	Ave	+++++ 136368	1006 574228	2297 1553778	11016	49208	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBZ	Ave	+++++ 218475	1713 876485	3670 2311582	18536	80301	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBZ	Ave	+++++ 131586	1066 532045	2246 1384877	10744	48341	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBZ	Ave	+++++ 108781	799 442878	1626 1172603	7953	39599	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 662617	3690 2414639	8134 5804341	43832	230552	+++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBZ	Ave	+++++ 380461	3507 1550136	7600 4167673	33134	142615	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBZ	Ave	+++++ 196416	1639 816077	3653 2217163	17384	74731	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 129717	1081 556145	2143 1491865	10896	47902	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 243288	2120 1001338	4381 2690039	20930	90014	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBZ	Ave	+++++ 235828	1883 970950	3782 2587808	19460	85879	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBZ	Ave	+++++ 98491	875 424342	1696 1172504	7741	35076	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBZ	Ave	+++++ 415930	2784 1729569	6200 4691379	30985	150822	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBZ	Qua2	+++++ 103167	448 433754	1181 1147218	6855	36621	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBZ	Ave	+++++ 601952	4311 2583705	10016 6971103	50504	226333	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Camphene	CBZ	Ave	+++++ 40736	358 181147	594 462607	3000	14005	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCB	Qua2	+++++ 274645	1535 1088865	3371 2854486	19274	98904	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCB	Ave	+++++ 179457	1627 717812	3641 1916666	15790	67061	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCB	Ave	+++++ 710934	5680 3064091	12313 8249816	58390	264508	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 169239	1206 663941	3100 1780411	13904	62335	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCB	Ave	+++++ 503458	4294 2103329	9135 5691719	44374	194065	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Ethyltoluene	DCB	Ave	+++++ 662458	4915 2775212	11052 7283505	54797	255399	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 51851	425 202056	884 522648	4217	19476	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 530443	3801 2242272	8901 5959862	44506	199843	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 52142	306 207971	818 553414	4349	18744	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCB	Ave	+++++ 474944	3662 1951781	7992 5232021	41724	181331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCB	Ave	+++++ 430698	3419 1883776	7084 5027910	36117	162147	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCB	QuaF	+++++ 187698	890 824932	1952 2204697	12004	67629	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 562524	3872 2358297	8405 6310834	45504	213665	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCB	Ave	+++++ 613730	4624 2746865	9815 7288253	51195	232205	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 341000	2760 1389990	6600 3697274	30226	129215	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCB	Ave	+++++ 569470	3703 2530109	8077 +++++	44741	215054	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 344477	3485 1396883	7406 3666525	32749	134834	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCB	Ave	+++++ 599548	4340 2464852	10140 6315079	50967	238827	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCB	Qua2	+++++ 424873	2484 1816049	5989 4792173	30854	156216	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCB	Ave	+++++ 358547	2270 1502547	5897 3833338	27747	135856	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCB	Ave	+++++ 496386	3847 2217670	8591 5704596	41857	194770	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 333663	3238 1346145	6868 3491945	30725	129470	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCB	QuaF	+++++ 560969	3307 2425160	7837 6263401	37760	207092	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 41440	302 169243	664 430013	3488	15375	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 271433	2227 1144225	5463 2862828	24435	109942	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 256822	2260 1074811	4718 2877570	21643	97673	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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Lab Name: TestAmerica Edison Job No.: 460-98740-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

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ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	+++++ 95811	1047 442666	2207 1155662	8727	36866	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Camphor	DCB	Ave	+++++ 110479	719 422960	1615 1060905	6595	37411	+++++ 250	2.50 1000	5.00 2500	25.0	100
Naphthalene	DCB	Ave	+++++ 639356	4732 2517061	8937 6417772	47035	236858	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 236041	2252 961104	4592 2514941	21554	91280	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	107270 108987	108294 112183	104182 118709	108256	109017	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	129153 132903	129915 134899	127185 146051	127622	130823	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	421873 441630	413377 453319	416209 483019	412996	429079	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	149405 157939	147507 157943	148142 167245	149664	155479	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Jul-2015 14:10:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0030198-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:11 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:51:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	1	100	0.5000	0.5287	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	51	1017	0.5000	0.4719	
3 Vinyl chloride	62	1.089	1.089	0.000	54	1342	0.5000	0.5283	
4 Chloromethane	50	1.095	1.095	0.000	73	2086	0.5000	0.5911	
5 Butadiene	54	1.095	1.095	0.000	91	1399	0.5000	0.6318	
6 Bromomethane	94	1.260	1.260	0.000	61	433	0.5000	0.4948	
7 Chloroethane	64	1.321	1.321	0.000	96	741	0.5000	0.5142	
8 Pentane	72	1.394	1.394	0.000	91	385	1.00	1.07	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	80	2117	0.5000	0.6376	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	94	2471	0.5000	0.5878	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	93	1383	0.5000	0.4943	
12 Ethyl ether	59	1.571	1.577	-0.006	90	1034	0.5000	0.5180	
13 Ethanol	46	1.693	1.674	0.019	13	585	20.0	27.8	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	94	1143	0.5000	0.5864	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	82	1783	0.5000	0.6867	
16 Carbon disulfide	76	1.699	1.699	0.000	98	4988	0.5000	0.6644	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	37	966	0.5000	0.6164	
18 Iodomethane	142	1.766	1.766	0.000	50	319	0.5000	0.1735	
19 Cyclopentene	67	1.857	1.857	0.000	93	3296	0.5000	0.5927	
20 Acrolein	56	1.882	1.882	0.000	36	225	2.00	1.95	
21 3-Chloro-1-propene	76	1.955	1.961	-0.006	93	652	0.5000	0.5650	
22 Isopropyl alcohol	45	1.997	1.997	0.000	92	1784	5.00	6.57	
23 Methylene Chloride	84	2.028	2.028	0.000	91	1484	0.5000	0.6458	
24 Acetone	43	2.058	2.058	0.000	86	5622	2.50	4.18	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	91	1416	0.5000	0.6182	
26 Methyl acetate	43	2.138	2.138	0.000	99	8394	2.50	2.59	
27 Hexane	57	2.174	2.168	0.006	39	2495	0.5000	0.6065	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	84	3600	0.5000	0.5354	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	100	341142	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	100	9554	5.00	7.39	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.357	2.351	0.006	94	2604	5.00	5.35	
32 Isopropyl ether	45	2.449	2.442	0.007	96	4819	0.5000	0.5875	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	93	1033	0.5000	0.5689	
34 1,1-Dichloroethane	63	2.522	2.516	0.006	97	2694	0.5000	0.6425	
35 Acrylonitrile	53	2.558	2.558	0.000	93	5346	5.00	5.30	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	83	4009	0.5000	0.5531	
38 Allyl alcohol	57	2.692	2.692	0.000	42	1235	12.5	7.50	
37 Vinyl acetate	43	2.692	2.699	-0.007	90	3334	1.00	1.14	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	93	1290	0.5000	0.5618	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	93	1852	0.5000	0.6227	
41 Cyclohexane	56	3.028	3.034	-0.006	91	1659	0.5000	0.5822	
42 Chlorobromomethane	128	3.034	3.040	-0.006	94	631	0.5000	0.5434	
43 Chloroform	83	3.101	3.095	0.006	94	1924	0.5000	0.5312	
44 Carbon tetrachloride	117	3.192	3.192	0.000	87	1379	0.5000	0.5706	
46 Methyl acrylate	55	3.204	3.205	-0.001	42	1019	0.5000	0.4627	
45 Ethyl acetate	43	3.204	3.205	-0.001	42	1428	1.00	1.10	
47 Tetrahydrofuran	42	3.223	3.223	0.000	30	1256	1.00	1.20	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	108294	50.0	60.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	35	1634	0.5000	0.5418	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	298814	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	98	1130	2.50	3.04	
51 1,1-Dichloropropene	75	3.332	3.345	-0.013	61	1996	0.5000	0.7032	
52 Isooctane	57	3.442	3.436	0.006	97	2344	0.5000	0.5276	
53 n-Heptane	57	3.534	3.528	0.006	64	470	0.5000	0.3697	M
54 Benzene	78	3.546	3.540	0.006	95	5352	0.5000	0.5330	
55 Propionitrile	54	3.576	3.576	0.000	95	2704	5.00	5.33	
56 Methacrylonitrile	67	3.589	3.589	0.000	91	4740	5.00	4.68	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	129915	50.0	60.0	
58 Tert-amyl methyl ether	73	3.668	3.662	0.006	37	3517	0.5000	0.5539	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	95	2166	0.5000	0.7047	
60 Isobutyl alcohol	43	3.790	3.790	0.000	86	1853	12.5	12.2	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	99	434395	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.930	3.936	-0.006	38	3881	1.00	0.8069	M
62 Isopropyl acetate	43	3.967	3.973	-0.006	95	2272	0.5000	0.5014	
63 Methylcyclohexane	83	4.040	4.040	0.000	84	1348	0.5000	0.4617	
64 Trichloroethene	130	4.058	4.058	0.000	85	1306	0.5000	0.5660	
66 n-Butanol	56	4.448	4.442	0.006	62	648	12.5	12.2	
67 Dibromomethane	93	4.436	4.442	-0.006	92	712	0.5000	0.5422	
68 1,2-Dichloropropane	63	4.533	4.540	-0.007	87	1257	0.5000	0.5651	
69 Ethyl acrylate	55	4.613	4.613	0.000	81	1108	0.5000	0.4049	
70 Dichlorobromomethane	83	4.625	4.619	0.006	90	1361	0.5000	0.5028	
71 Methyl methacrylate	100	4.826	4.814	0.012	49	568	1.00	0.9223	M
* 72 1,4-Dioxane-d8	96	4.820	4.820	0.000	96	34394	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	28	899	25.0	24.1	
74 n-Propyl acetate	43	4.979	4.979	-0.001	96	1567	0.5000	0.4606	
75 2-Chloroethyl vinyl ether	63	5.241	5.247	-0.006	14	459	0.5000	0.3589	M
76 cis-1,3-Dichloropropene	75	5.289	5.283	0.006	93	1739	0.5000	0.4736	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	413377	50.0	51.8	
78 Toluene	91	5.539	5.539	0.000	93	5410	0.5000	0.5234	
79 Epichlorohydrin	57	5.582	5.570	0.012	97	2281	10.0	9.23	
80 2-Nitropropane	41	5.820	5.808	0.012	53	536	1.00	0.9864	M
81 Tetrachloroethene	166	5.984	5.978	0.006	91	1482	0.5000	0.5471	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	5770	2.50	2.42	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	82	1506	0.5000	0.4560	
84 1,1,2-Trichloroethane	83	6.240	6.234	0.006	92	783	0.5000	0.4334	
85 Ethyl methacrylate	69	6.314	6.308	0.006	46	974	0.5000	0.3971	
86 Chlorodibromomethane	129	6.436	6.436	0.000	96	1006	0.5000	0.4357	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	96	1713	0.5000	0.4641	
88 Ethylene Dibromide	107	6.704	6.692	0.012	92	1066	0.5000	0.4787	M
89 n-Butyl acetate	43	7.039	7.033	0.006	38	799	0.5000	0.4522	
90 2-Hexanone	43	7.106	7.106	0.000	95	3690	2.50	2.11	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	372377	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	37	3507	0.5000	0.5133	
93 Ethylbenzene	106	7.502	7.496	0.006	98	1639	0.5000	0.4708	
94 1,1,1,2-Tetrachloroethane	131	7.539	7.533	0.006	77	1081	0.5000	0.4796	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	93	2120	0.5000	0.4970	
96 o-Xylene	106	8.319	8.313	0.006	94	1883	0.5000	0.4723	
97 Bromoform	173	8.386	8.380	0.006	84	875	0.5000	0.5076	
98 Styrene	104	8.405	8.399	0.006	96	2784	0.5000	0.4119	
99 n-Butyl acrylate	73	8.722	8.722	0.000	94	448	0.5000	0.5245	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	4311	0.5000	0.4183	
101 Camphene	41	8.905	8.929	-0.024	1	358	0.5000	0.5213	M
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	76	1535	0.5000	0.5261	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	96	147507	50.0	52.0	
104 Bromobenzene	156	9.295	9.301	-0.006	88	1627	0.5000	0.4754	
105 N-Propylbenzene	91	9.441	9.447	-0.006	99	5680	0.5000	0.4292	
106 1,1,2,2-Tetrachloroethane	83	9.587	9.594	-0.007	67	1206	0.5000	0.3974	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	4294	0.5000	0.4493	
108 4-Ethyltoluene	105	9.636	9.636	0.000	88	4915	0.5000	0.4071	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	79	425	0.5000	0.4567	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	94	3801	0.5000	0.3931	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	1	306	0.5000	0.3405	M
112 4-Chlorotoluene	91	9.898	9.898	0.000	95	3662	0.5000	0.4190	
113 tert-Butylbenzene	119	10.270	10.270	0.000	94	3419	0.5000	0.4264	
114 Butyl Methacrylate	87	10.392	10.392	0.000	46	890	0.5000	0.2287	M
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	3872	0.5000	0.3869	
116 sec-Butylbenzene	105	10.569	10.563	0.006	99	4624	0.5000	0.4059	M
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	92	2760	0.5000	0.4303	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	95	3703	0.5000	0.3795	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	235998	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.983	10.990	-0.007	41	3485	0.5000	0.5084	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	91	4340	0.5000	0.3980	
122 Benzyl chloride	91	11.422	11.416	0.006	94	2484	0.5000	0.5109	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	83	2270	0.5000	0.3596	
124 n-Butylbenzene	91	11.502	11.496	0.006	98	3847	0.5000	0.4116	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	97	3238	0.5000	0.4982	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	97	3307	0.5000	0.2824	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	27	302	0.5000	0.4095	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	95	2227	0.5000	0.4274	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	2260	0.5000	0.4650	
130 Hexachlorobutadiene	225	13.282	13.288	-0.006	68	1047	0.5000	0.5213	
131 Camphor	95	13.526	13.532	-0.006	87	719	2.50	2.03	
132 Naphthalene	128	13.568	13.562	0.006	98	4732	0.5000	0.4345	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	91	2252	0.5000	0.4940	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1.00	1.18	
S 135 Xylenes, Total	100				0		1.00	0.9693	
S 136 Total BTEX	1				0		2.50	2.50	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	0.50	Units: uL		
MIX 2 Hi_00033	Amount Added:	0.50	Units: uL		
ACROLEIN W_00040	Amount Added:	2.00	Units: uL		
MIX I Hi_00045	Amount Added:	0.50	Units: uL		
14DIOXINTER_00041	Amount Added:	15.00	Units: uL		
8260 MIX3 HI_00017	Amount Added:	0.50	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 31-Jul-2015 16:26:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D

Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13 Operator ID:

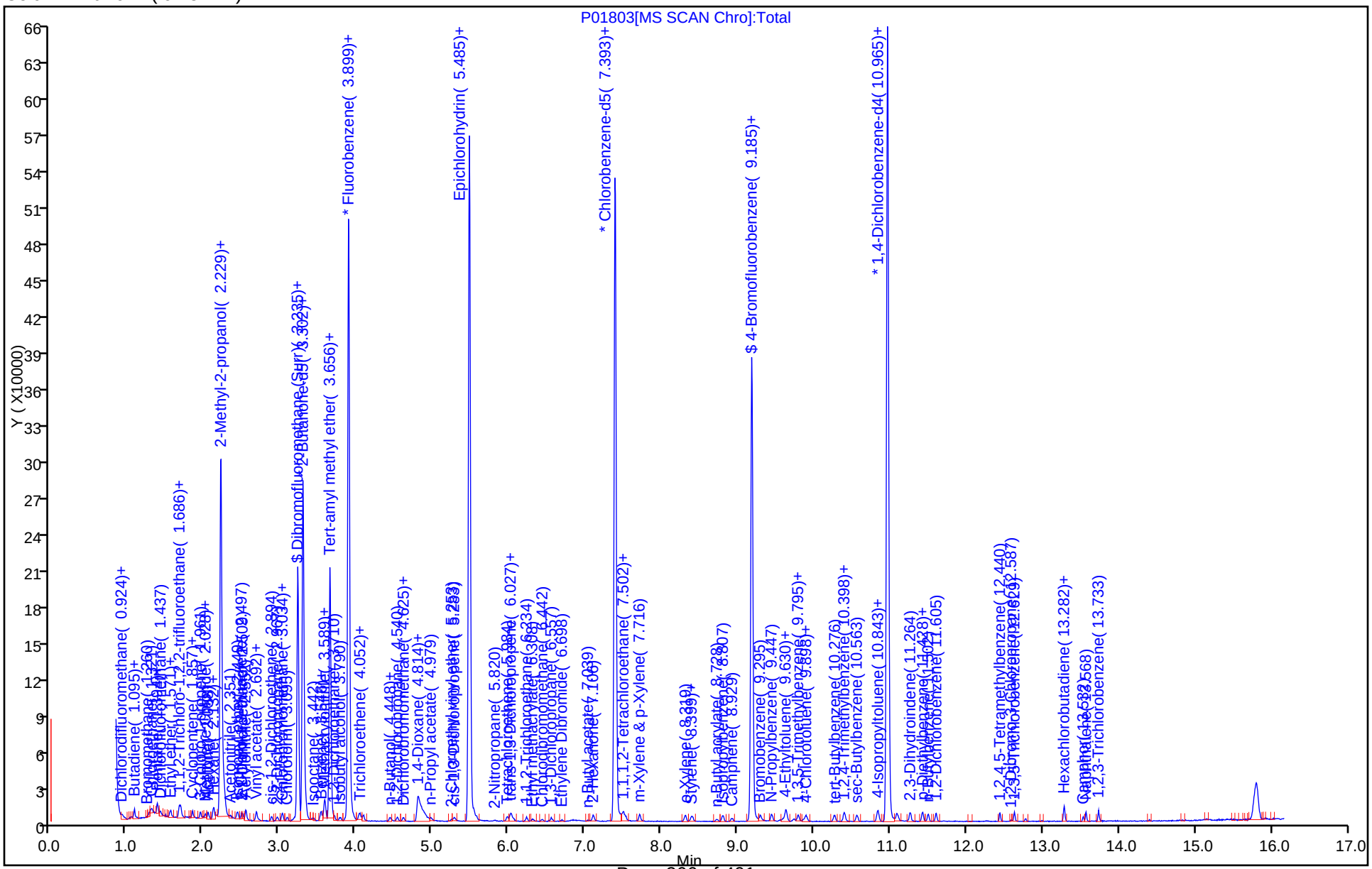
Lims ID: STD05 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

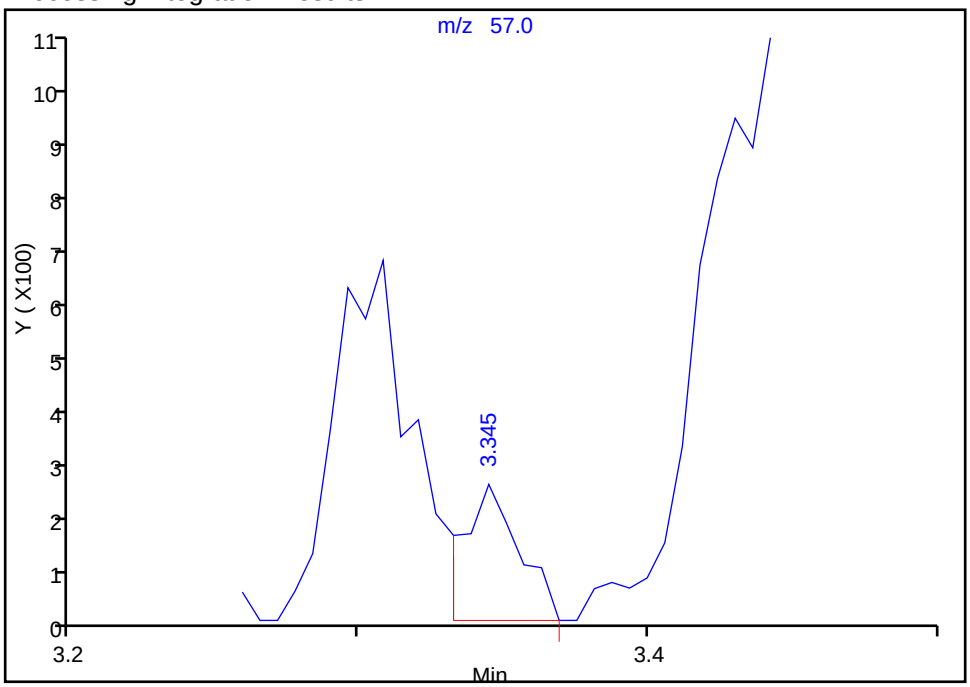
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 n-Heptane, CAS: 142-82-5

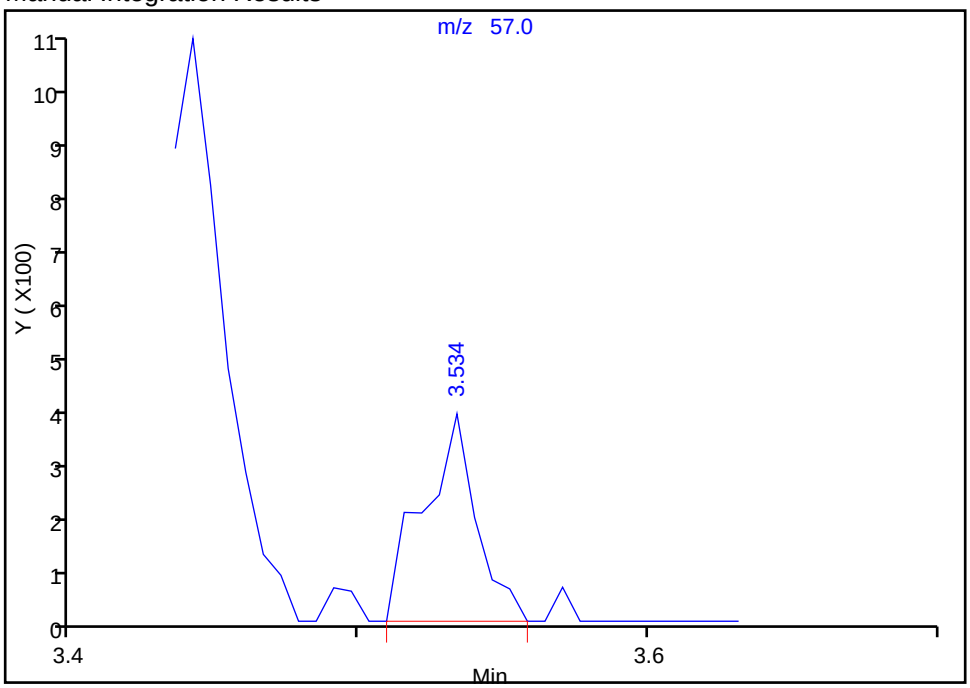
Processing Integration Results

RT: 3.34
Area: 331
Amount: 0.260329
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 470
Amount: 0.369715
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

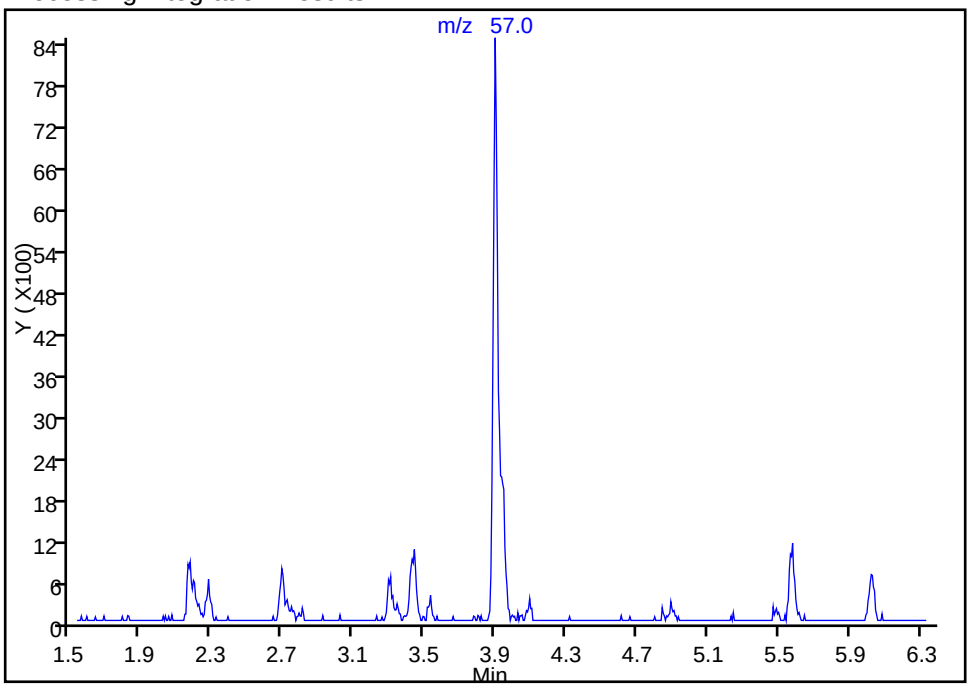
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 2,4,4-Trimethyl-1-pentene, CAS: 107-39-1

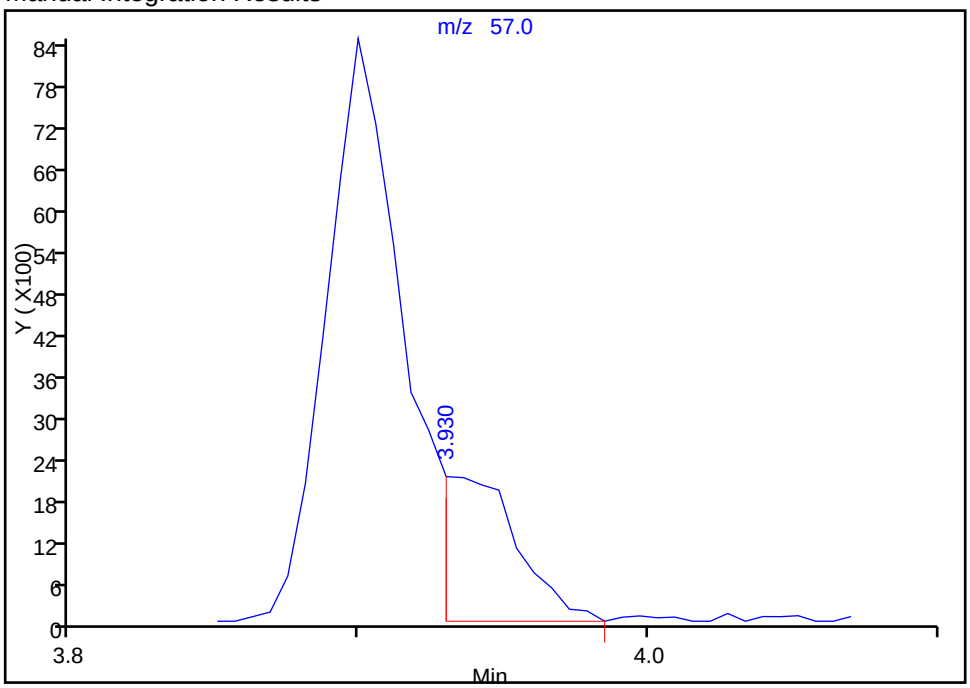
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.93
Area: 3881
Amount: 0.806874
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Split an Integrated Peak
Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

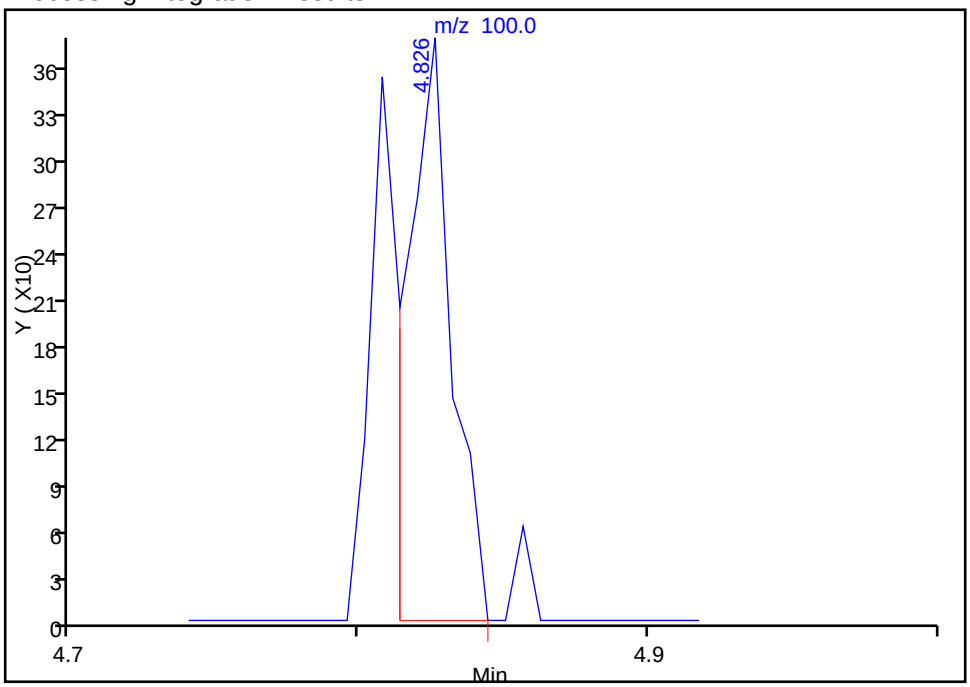
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methyl methacrylate, CAS: 80-62-6

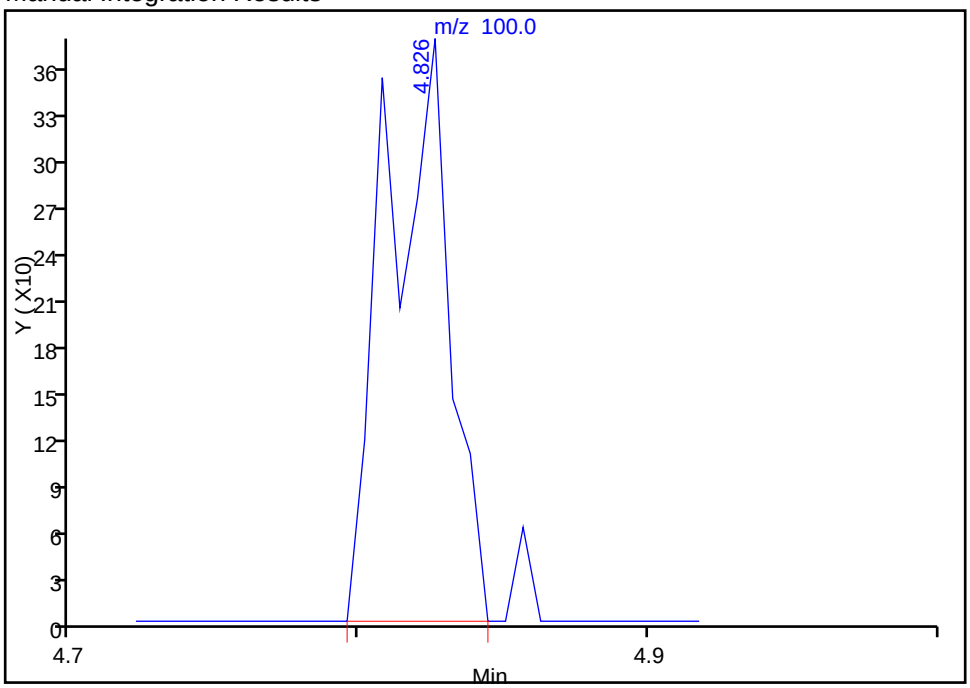
Processing Integration Results

RT: 4.83
Area: 399
Amount: 0.674330
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 568
Amount: 0.922316
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

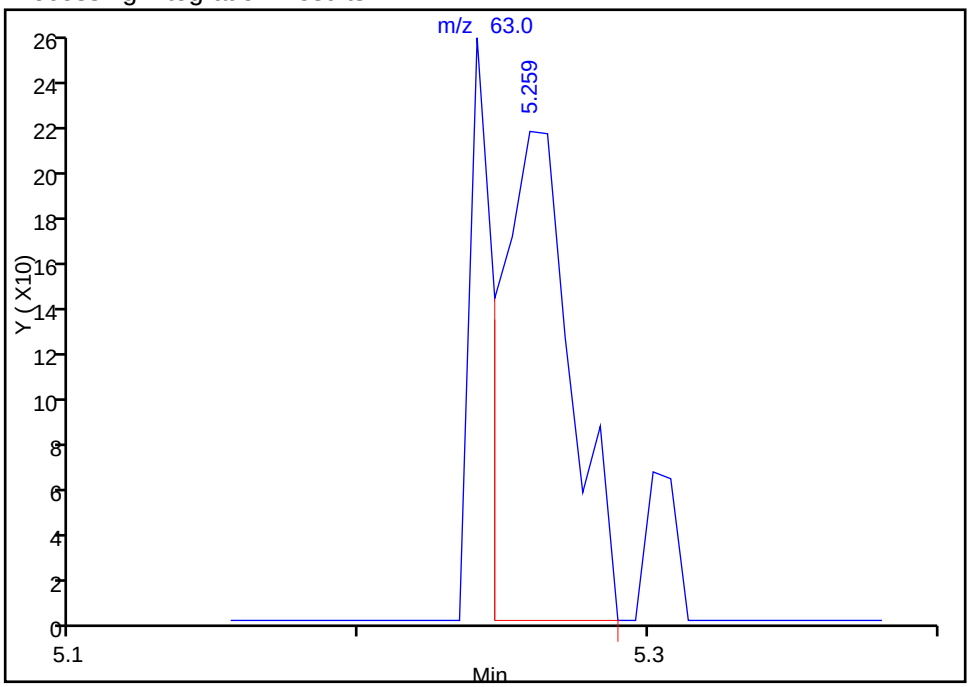
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

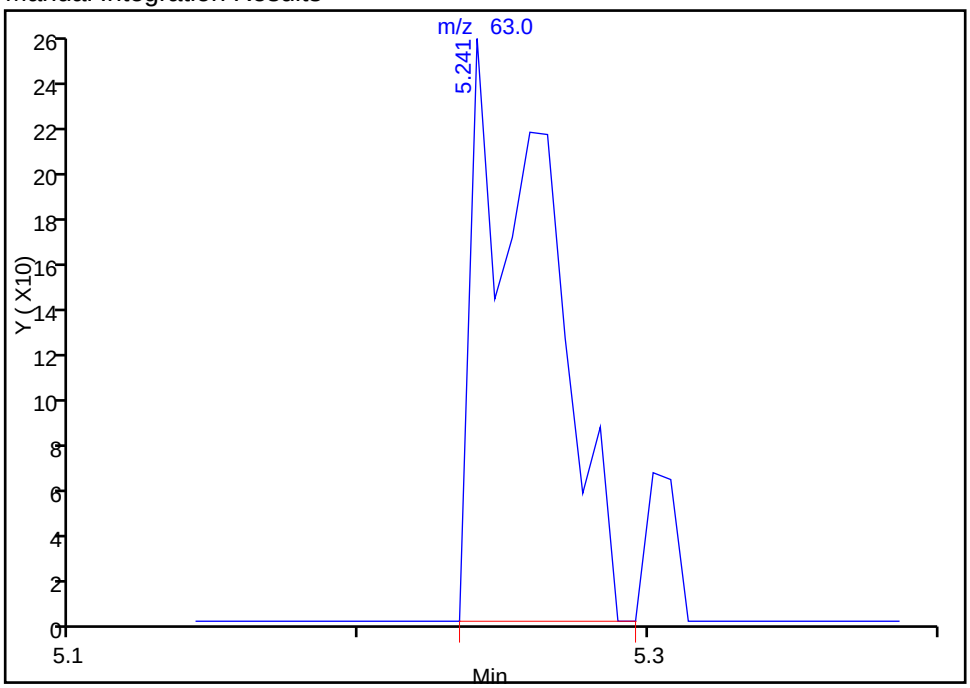
Processing Integration Results

RT: 5.26
Area: 366
Amount: 0.251435
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 459
Amount: 0.358899
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
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Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

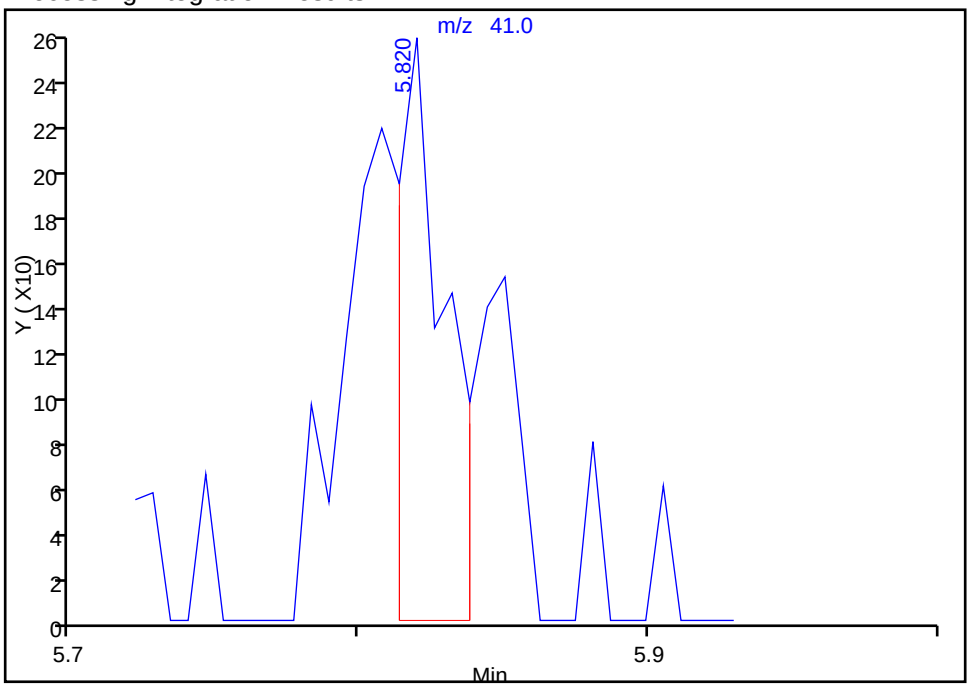
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 2-Nitropropane, CAS: 79-46-9

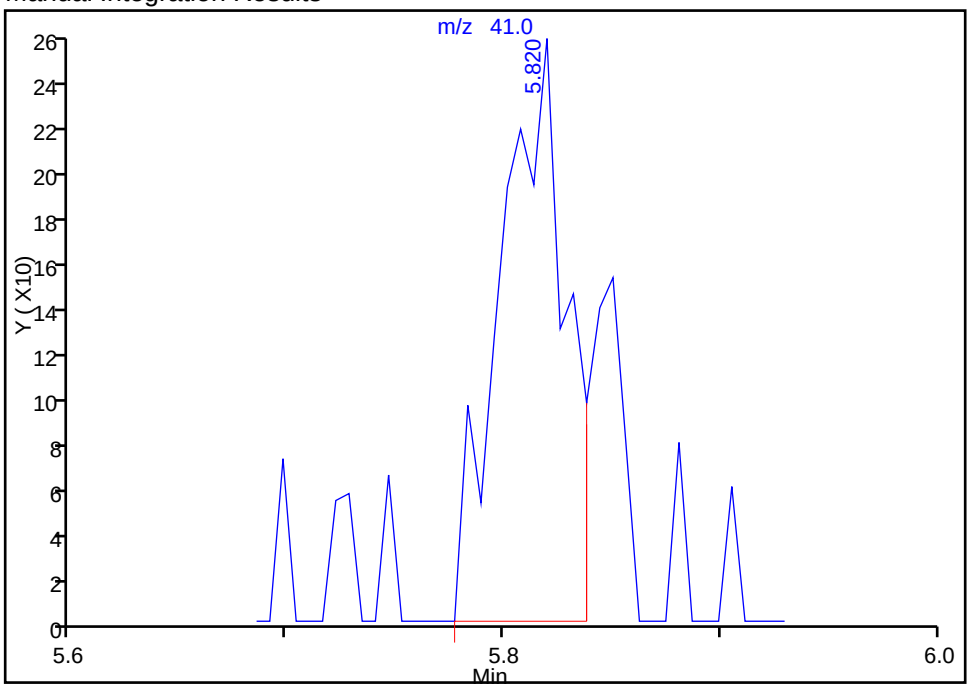
Processing Integration Results

RT: 5.82
Area: 293
Amount: 0.508599
Amount Units: ug/l



Manual Integration Results

RT: 5.82
Area: 536
Amount: 0.986360
Amount Units: ug/l



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Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

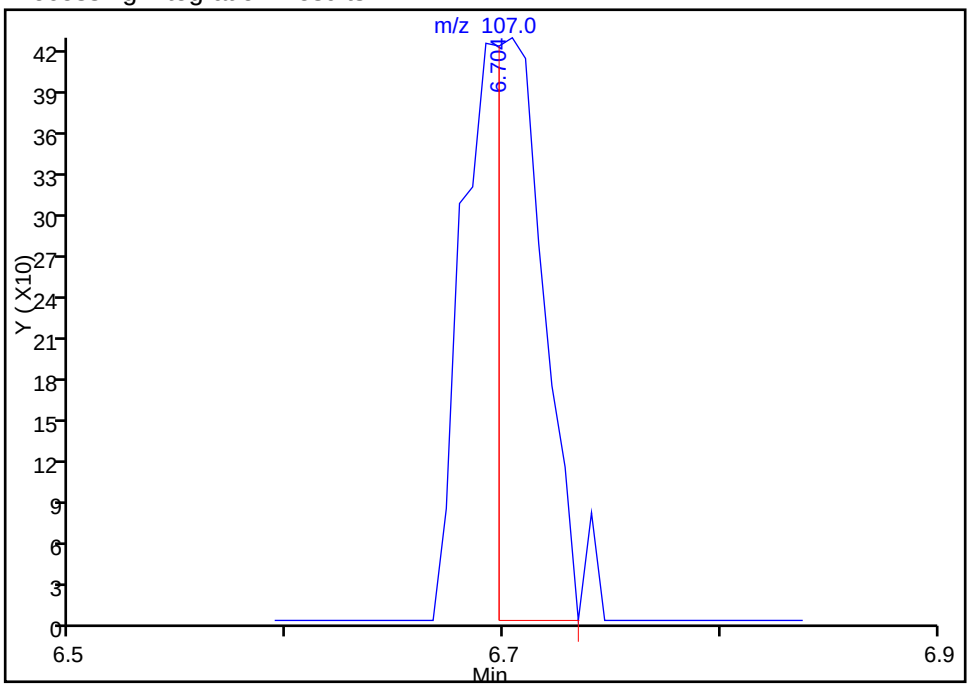
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

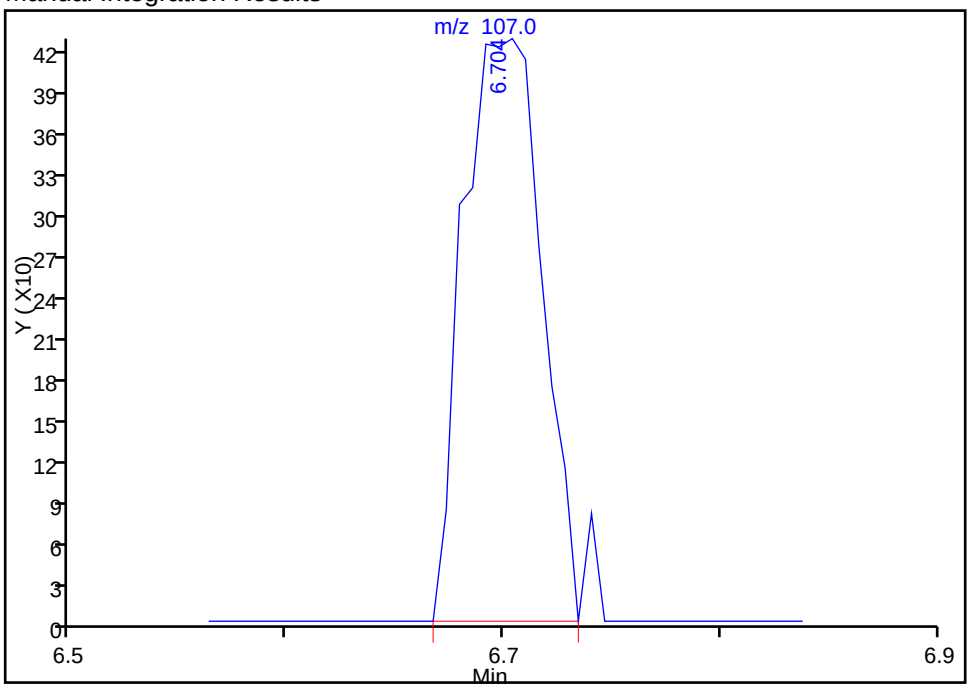
Processing Integration Results

RT: 6.70
Area: 658
Amount: 0.311797
Amount Units: ug/l



Manual Integration Results

RT: 6.70
Area: 1066
Amount: 0.478689
Amount Units: ug/l



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Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

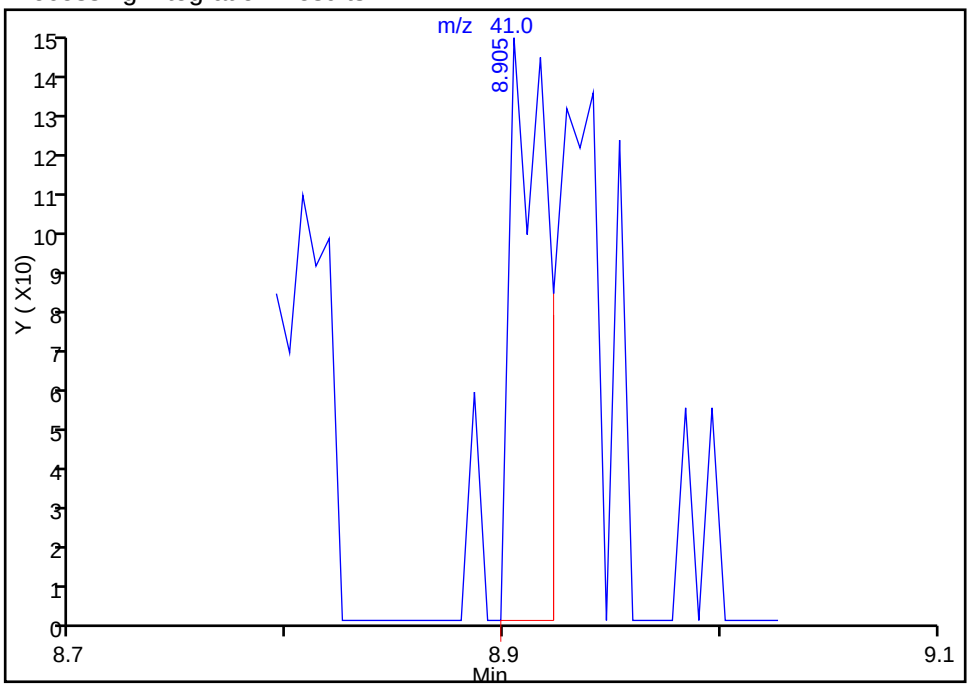
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Camphene, CAS: 79-92-5

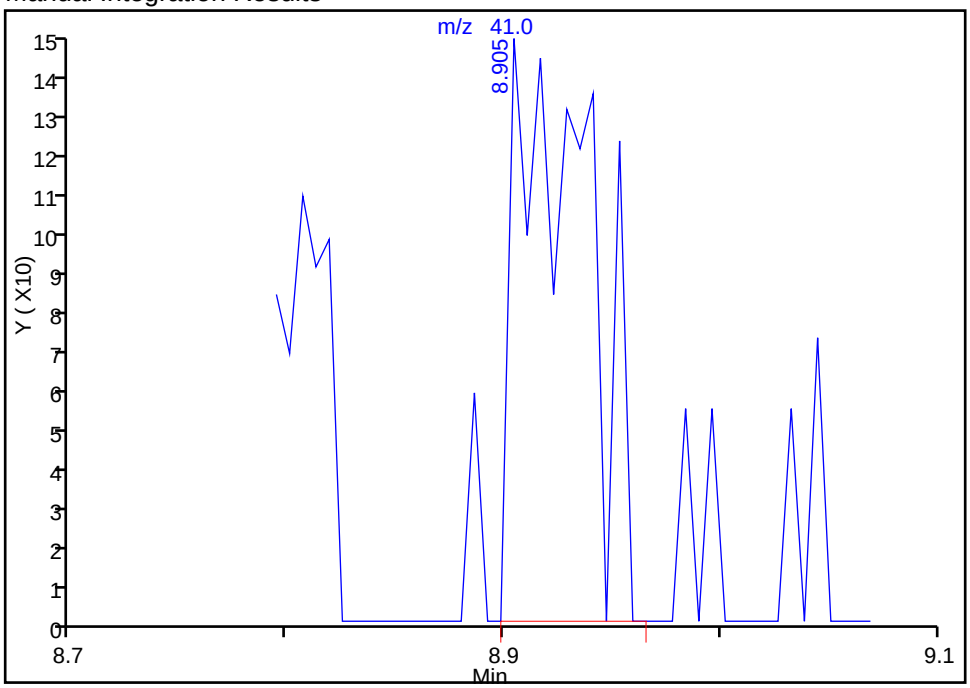
Processing Integration Results

RT: 8.90
Area: 173
Amount: 0.214964
Amount Units: ug/l



Manual Integration Results

RT: 8.90
Area: 358
Amount: 0.521321
Amount Units: ug/l



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Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

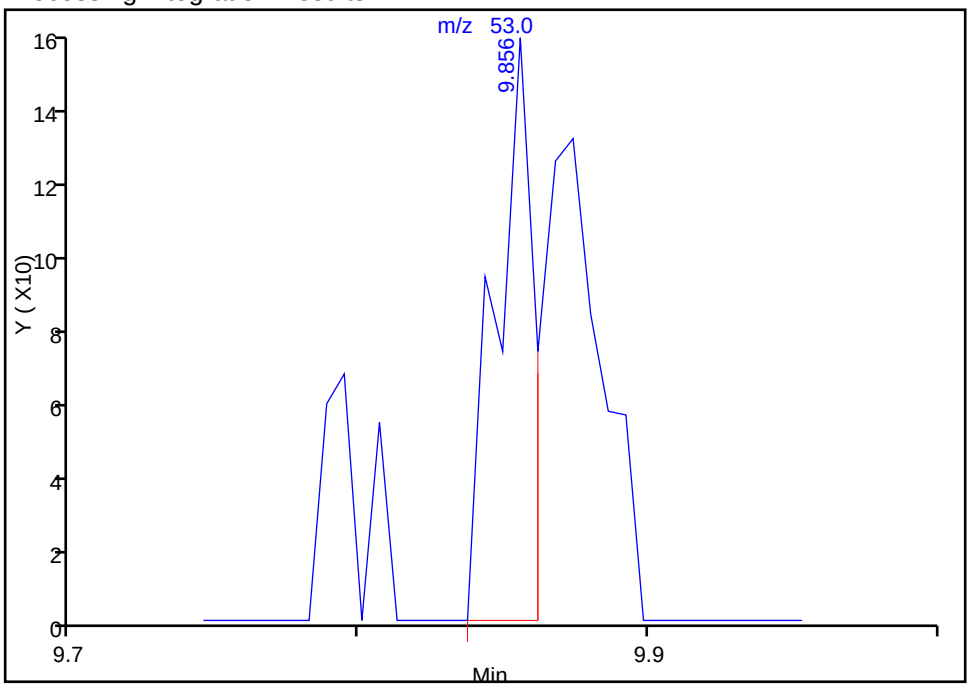
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

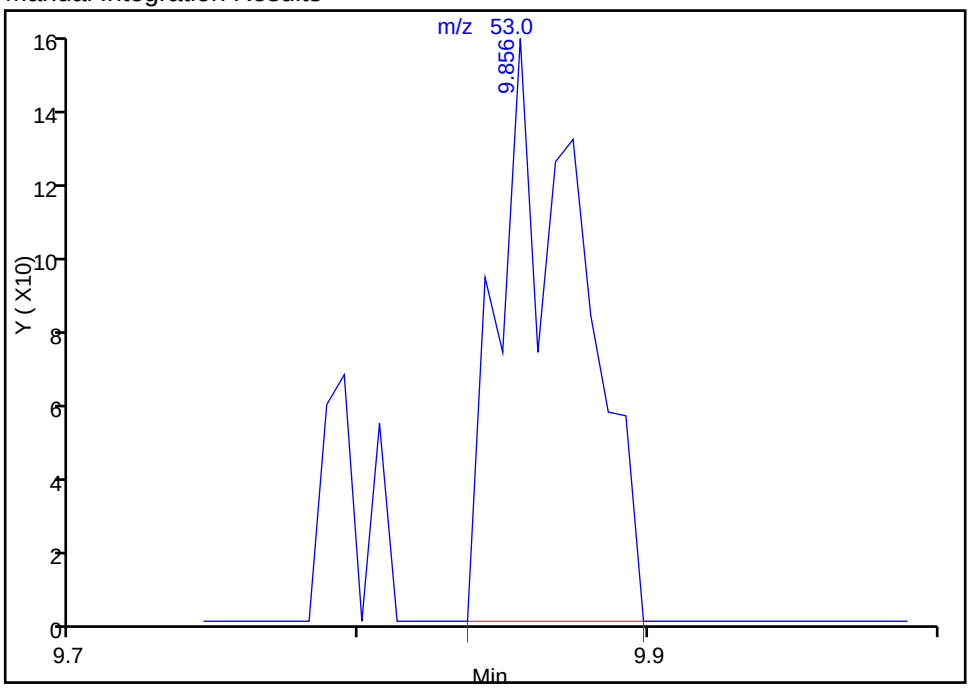
Processing Integration Results

RT: 9.86
Area: 143
Amount: 0.143275
Amount Units: ug/l



Manual Integration Results

RT: 9.86
Area: 306
Amount: 0.340507
Amount Units: ug/l



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Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

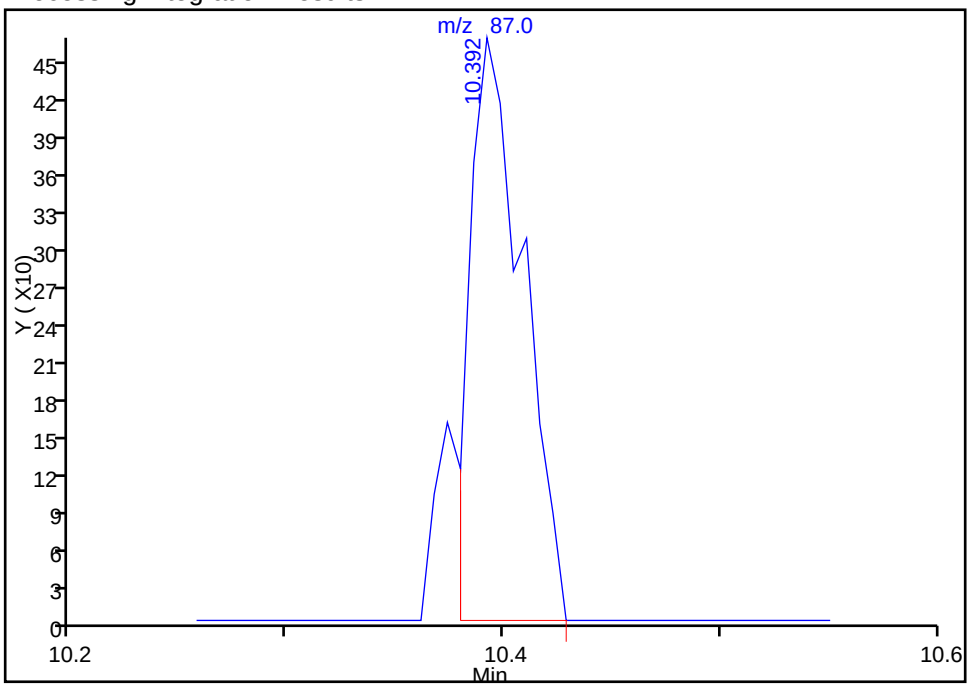
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

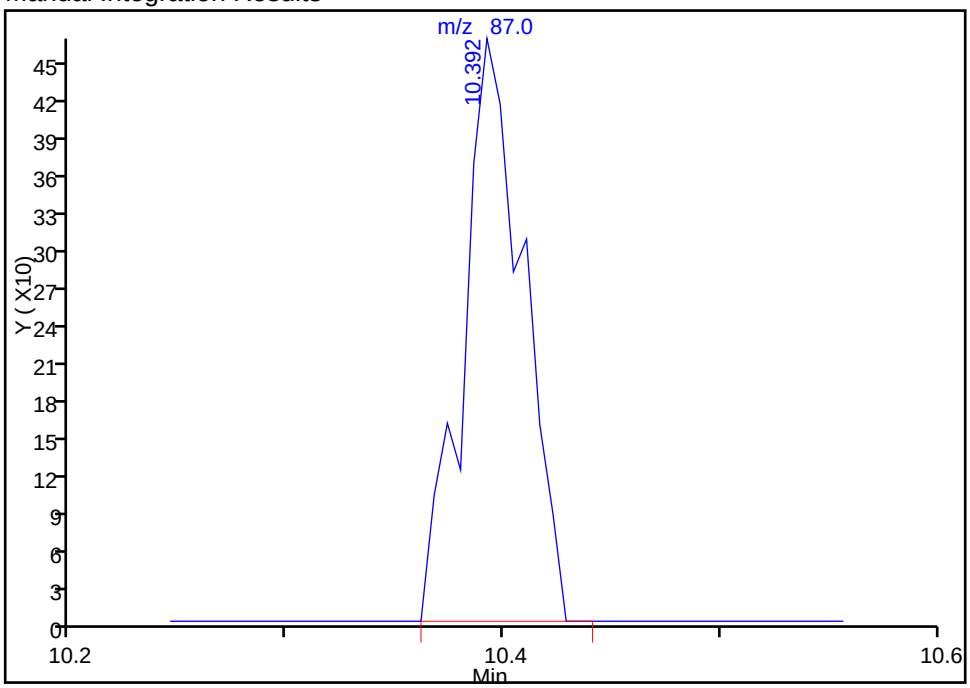
Processing Integration Results

RT: 10.39
Area: 796
Amount: 0.204587
Amount Units: ug/l



Manual Integration Results

RT: 10.39
Area: 890
Amount: 0.228746
Amount Units: ug/l



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Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

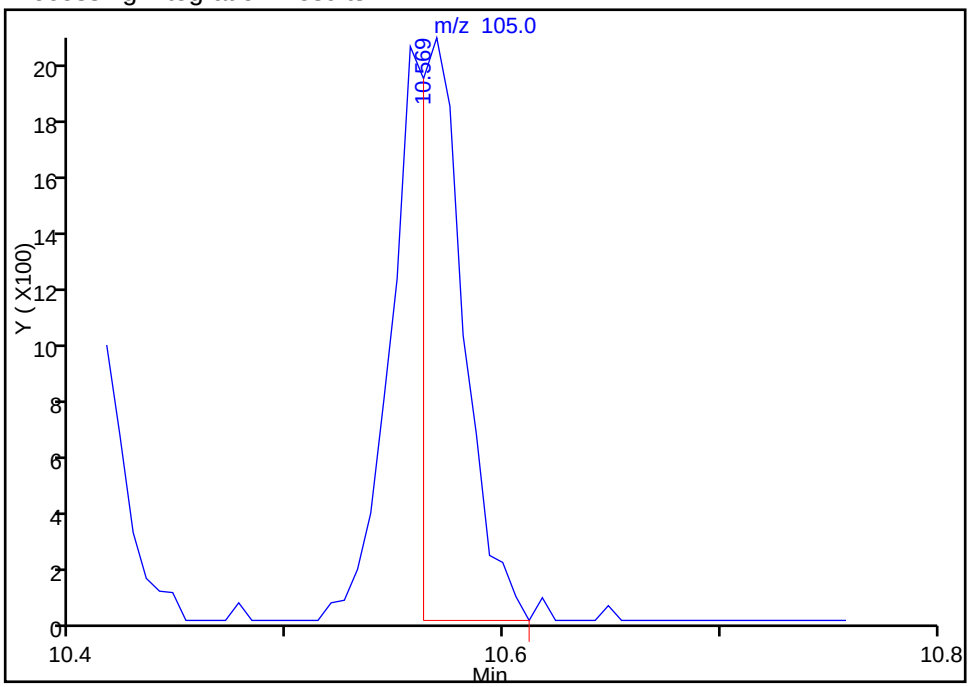
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8

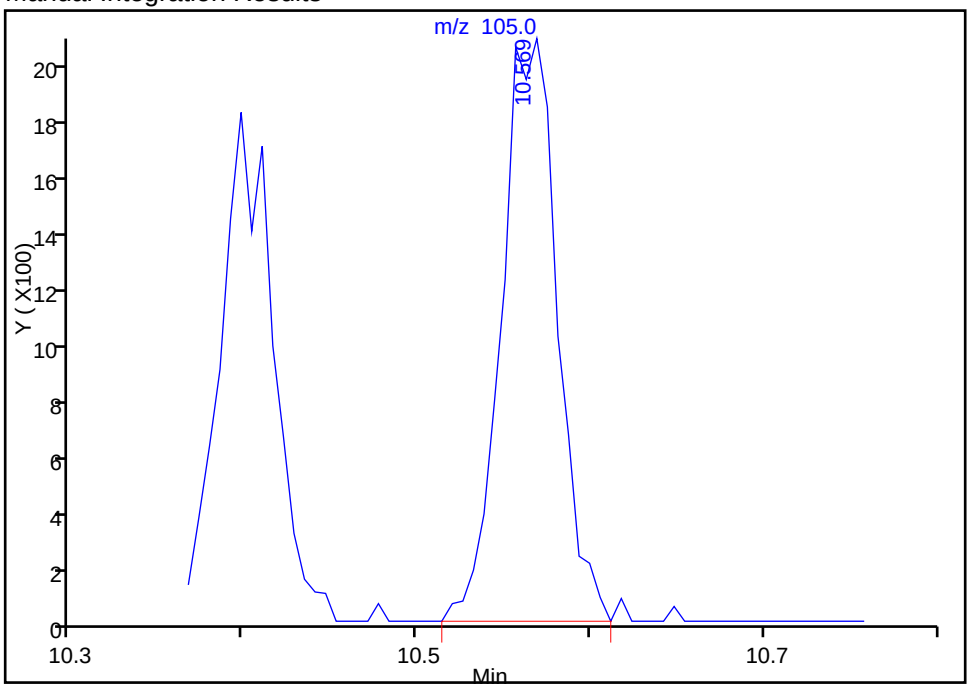
Processing Integration Results

RT: 10.57
Area: 2907
Amount: 0.223707
Amount Units: ug/l



Manual Integration Results

RT: 10.57
Area: 4624
Amount: 0.405901
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Jul-2015 15:00:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0030198-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:18 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:36:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	85	1011	5.00	4.55	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	14508	5.00	5.73	
3 Vinyl chloride	62	1.089	1.089	0.000	97	16660	5.00	5.58	
4 Chloromethane	50	1.089	1.095	-0.006	80	22817	5.00	5.50	
5 Butadiene	54	1.095	1.095	0.000	94	13672	5.00	5.25	
6 Bromomethane	94	1.260	1.260	0.000	96	3223	5.00	4.65	
7 Chloroethane	64	1.321	1.321	0.000	99	9731	5.00	5.74	
8 Pentane	72	1.394	1.394	0.000	98	2485	10.0	7.34	
9 Trichlorofluoromethane	101	1.394	1.400	-0.006	97	20420	5.00	5.23	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	98	28077	5.00	5.68	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	96	15490	5.00	4.71	
12 Ethyl ether	59	1.577	1.577	0.000	92	11570	5.00	4.93	
13 Ethanol	46	1.674	1.674	0.000	37	3272	200.0	164.8	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	99	11453	5.00	5.00	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	84	14563	5.00	4.77	
16 Carbon disulfide	76	1.699	1.699	0.000	100	41284	5.00	4.68	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	88	6342	5.00	3.44	
18 Iodomethane	142	1.766	1.766	0.000	98	3787	5.00	1.75	M
19 Cyclopentene	67	1.851	1.857	-0.006	97	30787	5.00	4.71	
20 Acrolein	56	1.882	1.882	0.000	92	2106	20.0	19.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	7014	5.00	5.17	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	13012	50.0	50.8	
23 Methylene Chloride	84	2.028	2.028	0.000	94	13056	5.00	4.83	
24 Acetone	43	2.058	2.058	0.000	87	34007	25.0	23.9	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	96	12889	5.00	4.79	
26 Methyl acetate	43	2.138	2.138	0.000	100	87473	25.0	23.0	
27 Hexane	57	2.192	2.168	0.024	64	14769	5.00	3.05	M
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	94	38108	5.00	4.82	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	321573	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	23068	50.0	48.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	100	25313	50.0	55.2	
32 Isopropyl ether	45	2.442	2.442	0.000	95	45986	5.00	4.77	
33 2-Chloro-1,3-butadiene	88	2.503	2.497	0.006	92	10453	5.00	4.90	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	24354	5.00	4.94	
35 Acrylonitrile	53	2.552	2.558	-0.006	95	55697	50.0	47.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	84	40712	5.00	4.78	
38 Allyl alcohol	57	2.692	2.692	0.000	42	19804	125.0	127.5	
37 Vinyl acetate	43	2.692	2.699	-0.007	93	32060	10.0	9.34	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	13590	5.00	5.04	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	96	16708	5.00	4.78	
41 Cyclohexane	56	3.028	3.034	-0.006	84	11046	5.00	3.30	
42 Chlorobromomethane	128	3.034	3.040	-0.006	94	6606	5.00	4.84	
43 Chloroform	83	3.101	3.095	0.006	98	21877	5.00	5.14	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	12697	5.00	4.47	
46 Methyl acrylate	55	3.204	3.205	-0.001	92	12157	5.00	4.70	
45 Ethyl acetate	43	3.204	3.205	-0.001	90	12686	10.0	9.18	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	11283	10.0	10.2	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	108256	50.0	51.3	
49 1,1,1-Trichloroethane	97	3.241	3.247	-0.006	35	17342	5.00	4.89	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	317015	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	98	9925	25.0	25.2	
51 1,1-Dichloropropene	75	3.339	3.345	-0.006	69	15464	5.00	4.64	
52 Isooctane	57	3.436	3.436	0.000	99	17348	5.00	3.32	
53 n-Heptane	57	3.528	3.528	0.000	39	2413	5.00	1.61	
54 Benzene	78	3.540	3.540	0.000	95	50359	5.00	4.80	
55 Propionitrile	54	3.570	3.576	-0.006	84	23138	50.0	48.4	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	57283	50.0	48.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	127622	50.0	50.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	51	33763	5.00	4.52	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	17098	5.00	4.73	
60 Isobutyl alcohol	43	3.784	3.790	-0.006	97	16415	125.0	114.5	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	99	510556	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	90	34927	10.0	6.18	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	23535	5.00	4.42	
63 Methylcyclohexane	83	4.034	4.040	-0.006	96	8323	5.00	2.42	
64 Trichloroethene	130	4.052	4.058	-0.006	95	12977	5.00	4.79	
66 n-Butanol	56	4.436	4.442	-0.006	73	8692	125.0	105.8	
67 Dibromomethane	93	4.442	4.442	0.000	93	7519	5.00	4.87	
68 1,2-Dichloropropane	63	4.533	4.540	-0.007	88	12568	5.00	4.81	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	14529	5.00	4.52	
70 Dichlorobromomethane	83	4.619	4.619	0.000	98	15382	5.00	4.83	
71 Methyl methacrylate	100	4.820	4.814	0.006	93	6413	10.0	8.86	
* 72 1,4-Dioxane-d8	96	4.802	4.820	-0.018	80	35268	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	89	3571	100.0	93.3	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	17854	5.00	4.47	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	97	6730	5.00	4.48	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	16967	5.00	4.43	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	412996	50.0	49.5	
78 Toluene	91	5.539	5.539	0.000	93	50427	5.00	4.67	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	24643	100.0	94.0	
80 2-Nitropropane	41	5.808	5.808	0.000	99	5449	10.0	8.53	
81 Tetrachloroethene	166	5.978	5.978	0.000	95	12879	5.00	4.55	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	99	58998	25.0	23.3	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	99	15261	5.00	4.43	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	93	9260	5.00	4.91	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	12944	5.00	4.49	
86 Chlorodibromomethane	129	6.436	6.436	0.000	97	11016	5.00	4.57	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	18536	5.00	4.81	
88 Ethylene Dibromide	107	6.698	6.692	0.006	98	10744	5.00	4.62	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	7953	5.00	4.31	
90 2-Hexanone	43	7.106	7.106	0.000	97	43832	25.0	23.7	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	388733	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	94	33134	5.00	4.65	
93 Ethylbenzene	106	7.502	7.496	0.006	98	17384	5.00	4.78	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	92	10896	5.00	4.63	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	20930	5.00	4.70	
96 o-Xylene	106	8.313	8.313	0.000	94	19460	5.00	4.68	
97 Bromoform	173	8.380	8.380	0.000	96	7741	5.00	4.30	
98 Styrene	104	8.399	8.399	0.000	96	30985	5.00	4.39	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	6855	5.00	4.21	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	50504	5.00	4.69	
101 Camphene	41	8.923	8.929	-0.006	96	3000	5.00	4.18	
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	87	19274	5.00	4.25	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	96	149664	50.0	50.5	
104 Bromobenzene	156	9.307	9.301	0.006	95	15790	5.00	4.60	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	58390	5.00	4.40	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	97	13904	5.00	4.57	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	44374	5.00	4.63	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	54797	5.00	4.53	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	97	4217	5.00	4.52	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	44506	5.00	4.59	
111 trans-1,4-Dichloro-2-buten	53	9.868	9.856	0.012	57	4349	5.00	4.83	M
112 4-Chlorotoluene	91	9.898	9.898	0.000	96	41724	5.00	4.76	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	36117	5.00	4.49	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	12004	5.00	3.08	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	45504	5.00	4.54	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	51195	5.00	4.48	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	96	30226	5.00	4.70	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	97	44741	5.00	4.57	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	236525	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	95	32749	5.00	4.77	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	93	50967	5.00	4.66	
122 Benzyl chloride	91	11.416	11.416	0.000	97	30854	5.00	4.25	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	97	27747	5.00	4.39	
124 n-Butylbenzene	91	11.496	11.496	0.000	99	41857	5.00	4.47	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	30725	5.00	4.72	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	98	37760	5.00	3.22	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	3488	5.00	4.72	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	24435	5.00	4.68	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	21643	5.00	4.44	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	95	8727	5.00	4.34	
131 Camphor	95	13.532	13.532	0.000	91	6595	25.0	18.5	
132 Naphthalene	128	13.568	13.562	0.006	99	47035	5.00	4.31	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	21554	5.00	4.72	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	9.82	
S 135 Xylenes, Total	100				0		10.0	9.38	
S 136 Total BTEX	1				0		25.0	23.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00033	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
MIX I Hi_00045	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00017	Amount Added:	1.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 31-Jul-2015 16:26:21 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D

Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13 Operator ID:

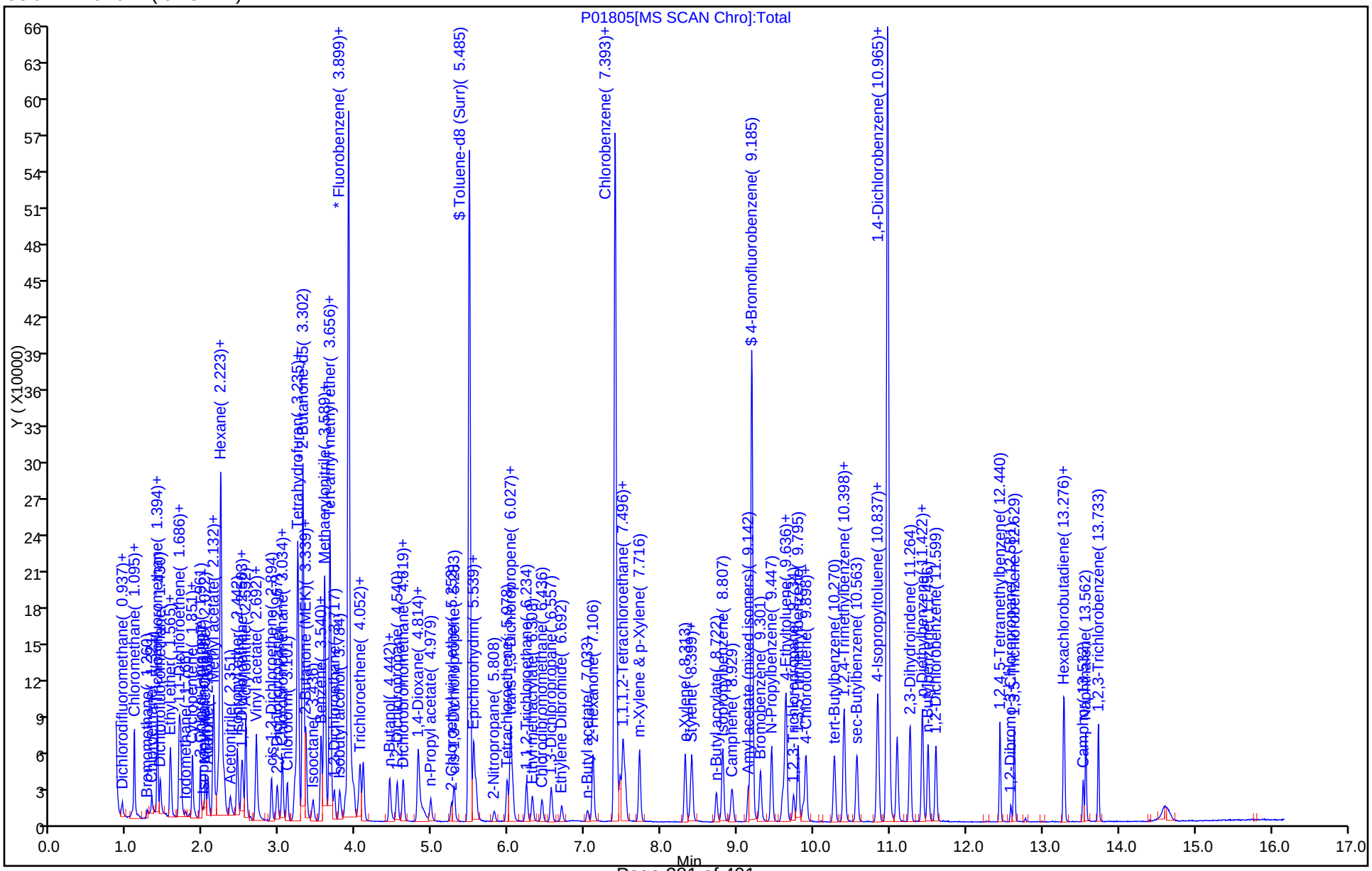
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

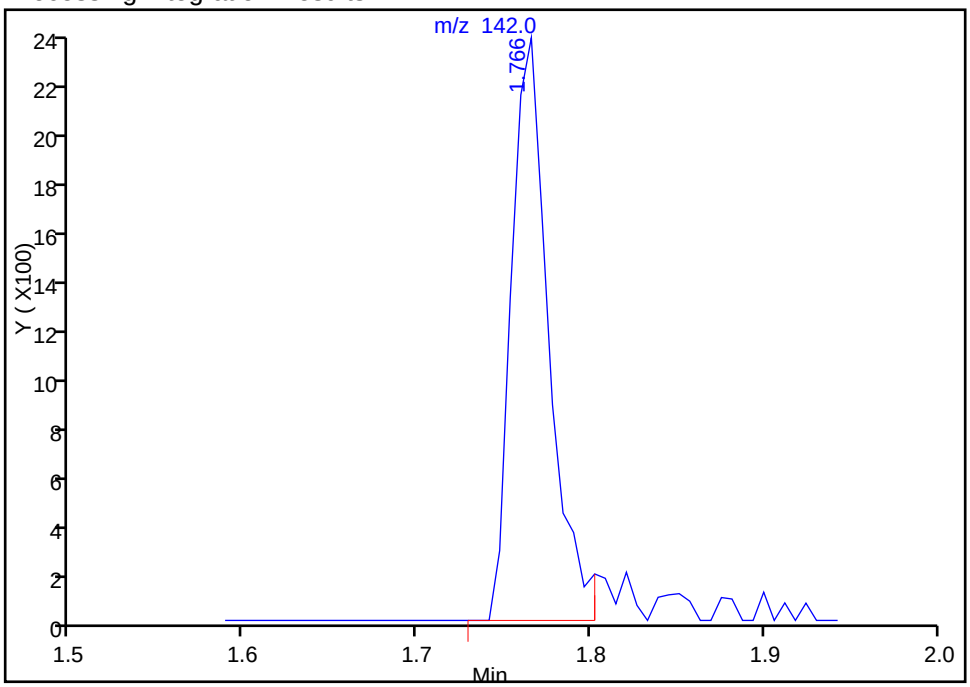
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Iodomethane, CAS: 74-88-4

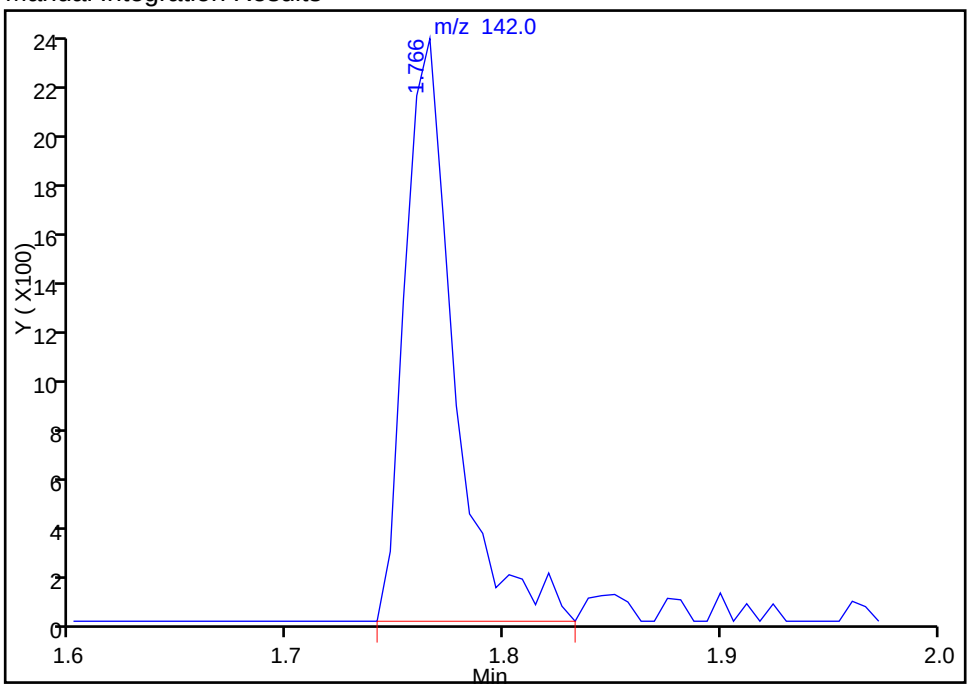
Processing Integration Results

RT: 1.77
Area: 3604
Amount: 1.667180
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 3787
Amount: 1.751741
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:34:51
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

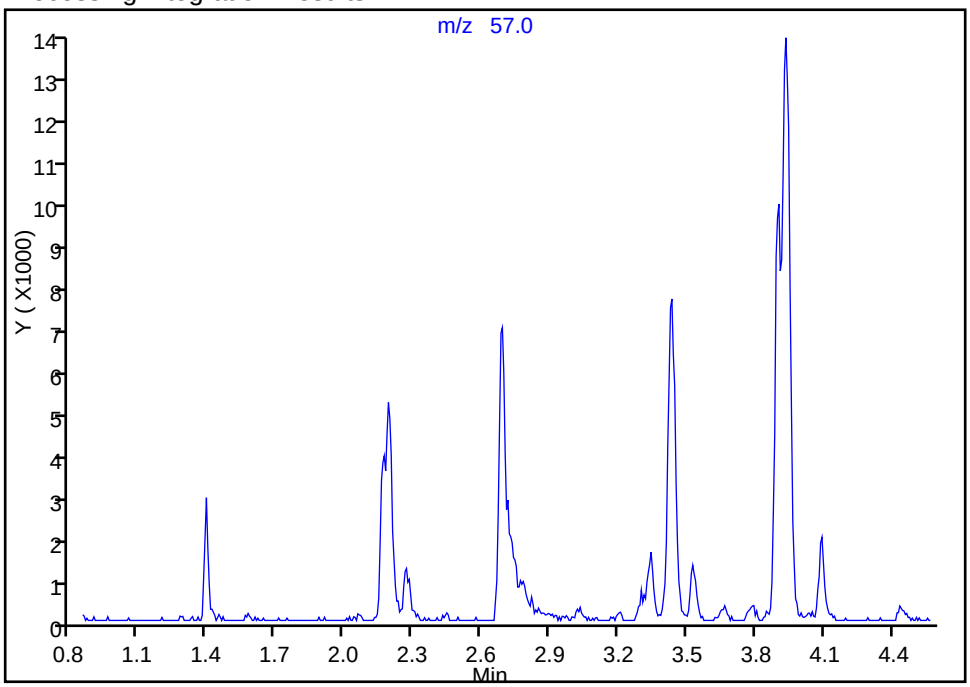
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Hexane, CAS: 110-54-3

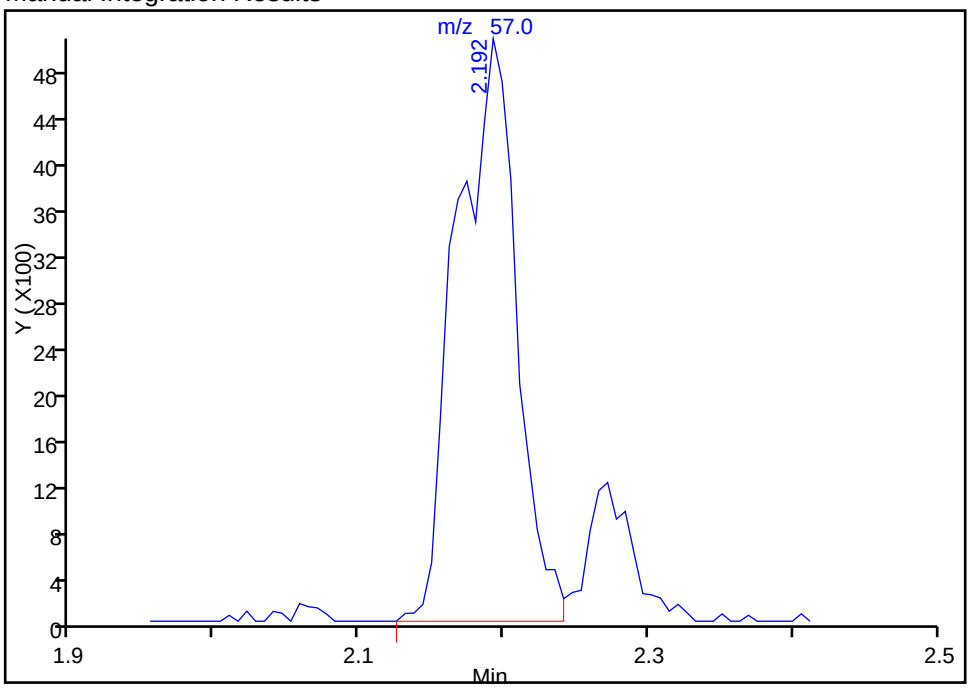
Not Detected
Expected RT: 2.17

Processing Integration Results



Manual Integration Results

RT: 2.19
Area: 14769
Amount: 3.054072
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:37:05
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

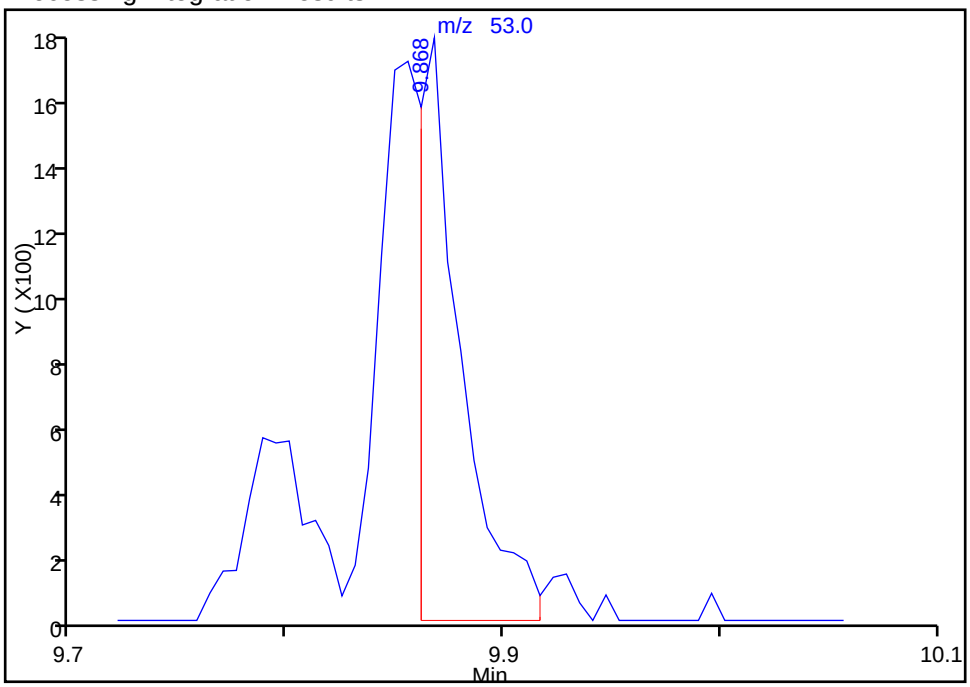
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

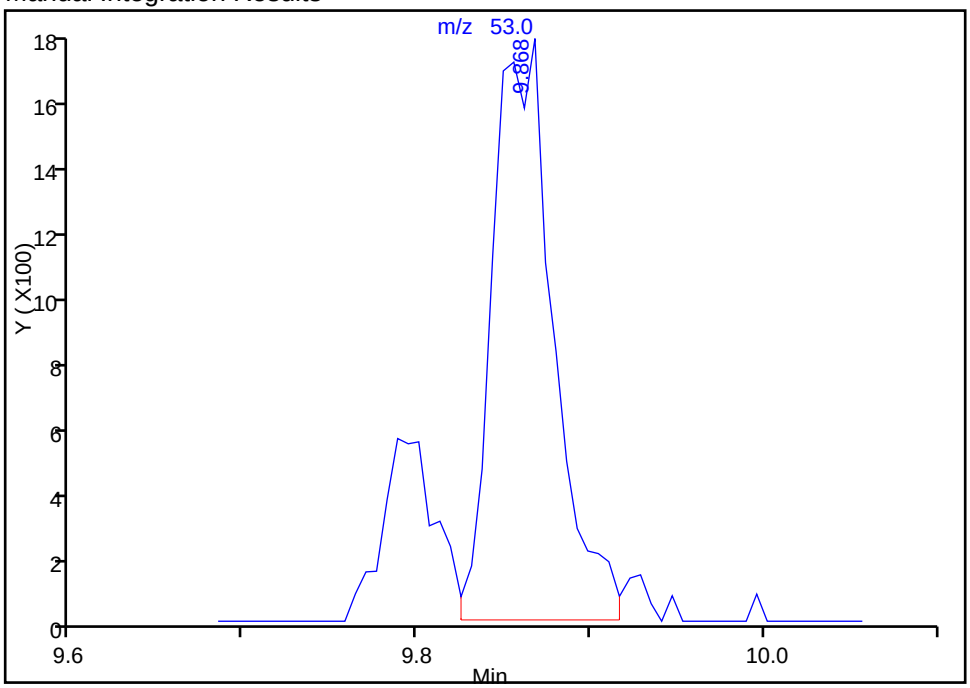
Processing Integration Results

RT: 9.87
Area: 2461
Amount: 2.459870
Amount Units: ug/l



Manual Integration Results

RT: 9.87
Area: 4349
Amount: 4.828650
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:13:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01806.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 29-Jul-2015 15:26:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0030198-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:23 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: delpolitov Date: 31-Jul-2015 16:18:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	4198	20.0	18.1	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	52093	20.0	19.7	
3 Vinyl chloride	62	1.089	1.089	0.000	98	60665	20.0	19.4	
4 Chloromethane	50	1.095	1.095	0.000	87	81780	20.0	18.9	
5 Butadiene	54	1.095	1.095	0.000	93	49102	20.0	18.0	
6 Bromomethane	94	1.260	1.260	0.000	98	13880	20.0	17.8	M
7 Chloroethane	64	1.321	1.321	0.000	99	37330	20.0	21.1	
8 Pentane	72	1.394	1.394	0.000	97	14134	40.0	37.9	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	98	75763	20.0	18.6	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	98597	20.0	19.1	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	68882	20.0	20.0	
12 Ethyl ether	59	1.577	1.577	0.000	93	48449	20.0	19.7	
13 Ethanol	46	1.674	1.674	0.000	36	16835	800.0	770.0	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	98	42418	20.0	17.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	88	57881	20.0	18.1	
16 Carbon disulfide	76	1.699	1.699	0.000	100	164605	20.0	17.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	91	34753	20.0	18.0	
18 Iodomethane	142	1.766	1.766	0.000	98	23233	20.0	10.2	
19 Cyclopentene	67	1.857	1.857	0.000	97	132218	20.0	19.3	
20 Acrolein	56	1.882	1.882	0.000	88	4466	40.0	37.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	27597	20.0	19.5	
22 Isopropyl alcohol	45	1.997	1.997	0.000	97	56653	200.0	201.0	
23 Methylene Chloride	84	2.028	2.028	0.000	95	55346	20.0	19.6	
24 Acetone	43	2.058	2.058	0.000	86	150002	100.0	92.6	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	51913	20.0	18.4	
26 Methyl acetate	43	2.138	2.138	0.000	100	408197	100.0	102.7	
27 Hexane	57	2.168	2.168	0.000	92	87950	20.0	17.4	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	167706	20.0	20.3	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	100	354043	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	81454	200.0	198.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	97063	200.0	192.3	
32 Isopropyl ether	45	2.442	2.442	0.000	97	190918	20.0	18.9	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	91	43935	20.0	19.7	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	100	98640	20.0	19.1	
35 Acrylonitrile	53	2.558	2.558	0.000	94	246636	200.0	199.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	89	171176	20.0	19.2	
38 Allyl alcohol	57	2.692	2.692	0.000	50	90836	500.0	531.4	
37 Vinyl acetate	43	2.699	2.699	0.000	100	131972	40.0	36.7	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	98	55735	20.0	19.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	66785	20.0	18.3	
41 Cyclohexane	56	3.034	3.034	0.000	93	64802	20.0	18.5	
42 Chlorobromomethane	128	3.040	3.040	0.000	94	28562	20.0	20.0	
43 Chloroform	83	3.095	3.095	0.000	99	88223	20.0	19.8	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	54136	20.0	18.2	
46 Methyl acrylate	55	3.205	3.205	0.000	94	58041	20.0	21.4	
45 Ethyl acetate	43	3.205	3.205	0.000	95	64188	40.0	40.4	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	49234	40.0	38.6	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	109017	50.0	49.4	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	68270	20.0	18.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	364274	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	43876	100.0	97.0	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	66	61599	20.0	17.7	
52 Isooctane	57	3.436	3.436	0.000	99	102105	20.0	18.7	
53 n-Heptane	57	3.528	3.528	0.000	95	21887	20.0	14.0	
54 Benzene	78	3.540	3.540	0.000	95	210425	20.0	19.5	
55 Propionitrile	54	3.576	3.576	0.000	98	103001	200.0	195.6	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	272980	200.0	219.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	130823	50.0	49.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	148093	20.0	19.0	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	70097	20.0	18.6	
60 Isobutyl alcohol	43	3.790	3.790	0.000	97	75341	500.0	477.2	
* 61 Fluorobenzene	96	3.900	3.900	0.000	98	533908	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	97	197522	40.0	33.5	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	120033	20.0	21.6	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	58903	20.0	16.4	
64 Trichloroethene	130	4.058	4.058	0.000	97	55040	20.0	19.4	
66 n-Butanol	56	4.442	4.442	0.000	73	48309	500.0	510.1	
67 Dibromomethane	93	4.442	4.442	0.000	92	31210	20.0	19.3	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	54396	20.0	19.9	
69 Ethyl acrylate	55	4.613	4.613	0.000	99	73678	20.0	21.9	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	65564	20.0	19.7	
71 Methyl methacrylate	100	4.814	4.814	0.000	93	33032	40.0	43.6	
* 72 1,4-Dioxane-d8	96	4.820	4.820	0.000	80	38810	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	89	18333	400.0	435.2	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	88973	20.0	21.3	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	35584	20.0	22.6	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	79259	20.0	20.1	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	429079	50.0	50.0	
78 Toluene	91	5.539	5.539	0.000	93	219580	20.0	19.8	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	120788	400.0	401.1	
80 2-Nitropropane	41	5.808	5.808	0.000	97	27013	40.0	40.4	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	54083	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	297610	100.0	102.2	
83 trans-1,3-Dichloropropene	75	6.052	6.052	0.000	96	70861	20.0	20.0	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	39444	20.0	20.3	
85 Ethyl methacrylate	69	6.308	6.308	0.000	90	64051	20.0	21.2	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	49208	20.0	19.8	
87 1,3-Dichloropropane	76	6.558	6.558	0.000	96	80301	20.0	20.2	
88 Ethylene Dibromide	107	6.692	6.692	0.000	99	48341	20.0	20.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	39599	20.0	20.8	
90 2-Hexanone	43	7.106	7.106	0.000	98	230552	100.0	108.4	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	400306	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	142615	20.0	19.4	
93 Ethylbenzene	106	7.496	7.496	0.000	98	74731	20.0	20.0	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	94	47902	20.0	19.8	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	90014	20.0	19.6	
96 o-Xylene	106	8.313	8.313	0.000	94	85879	20.0	20.0	
97 Bromoform	173	8.380	8.380	0.000	97	35076	20.0	18.9	
98 Styrene	104	8.399	8.399	0.000	96	150822	20.0	20.8	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	36621	20.0	20.6	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	226333	20.0	20.4	
101 Camphene	41	8.929	8.929	0.000	95	14005	20.0	19.0	
102 Amyl acetate (mixed isomer	43	9.136	9.136	0.000	90	98904	20.0	20.8	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	95	155479	50.0	50.9	
104 Bromobenzene	156	9.301	9.301	0.000	94	67061	20.0	19.4	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	264508	20.0	19.8	
106 1,1,2,2-Tetrachloroethane	83	9.594	9.594	0.000	98	62335	20.0	20.4	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	194065	20.0	20.1	
108 4-Ethyltoluene	105	9.636	9.636	0.000	99	255399	20.0	21.0	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	97	19476	20.0	20.8	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	199843	20.0	20.5	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	88	18744	20.0	20.7	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	181331	20.0	20.6	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	162147	20.0	20.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	93	67629	20.0	17.2	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	213665	20.0	21.2	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	232205	20.0	20.2	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	129215	20.0	20.0	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	215054	20.0	21.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	237965	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	97	134834	20.0	19.5	
121 2,3-Dihydroindene	117	11.258	11.258	0.000	94	238827	20.0	21.7	
122 Benzyl chloride	91	11.416	11.416	0.000	98	156216	20.0	20.5	
123 p-Diethylbenzene	119	11.429	11.429	0.000	95	135856	20.0	21.3	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	194770	20.0	20.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	129470	20.0	19.8	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.441	0.000	98	207092	20.0	17.5	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	15375	20.0	20.7	
128 1,3,5-Trichlorobenzene	180	12.623	12.623	0.000	98	109942	20.0	20.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	97673	20.0	19.9	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	36866	20.0	18.2	
131 Camphor	95	13.532	13.532	0.000	91	37411	100.0	104.6	
132 Naphthalene	128	13.562	13.562	0.000	99	236858	20.0	21.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	91280	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 135 Xylenes, Total	100				0		40.0	39.7	
S 136 Total BTEX	1				0		100.0	98.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	2.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
MIX I Hi_00045	Amount Added:	2.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	2.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 16:26:27 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01806.D

Injection Date: 29-Jul-2015 15:26:30 Instrument ID: CVOAMS13 Operator ID:

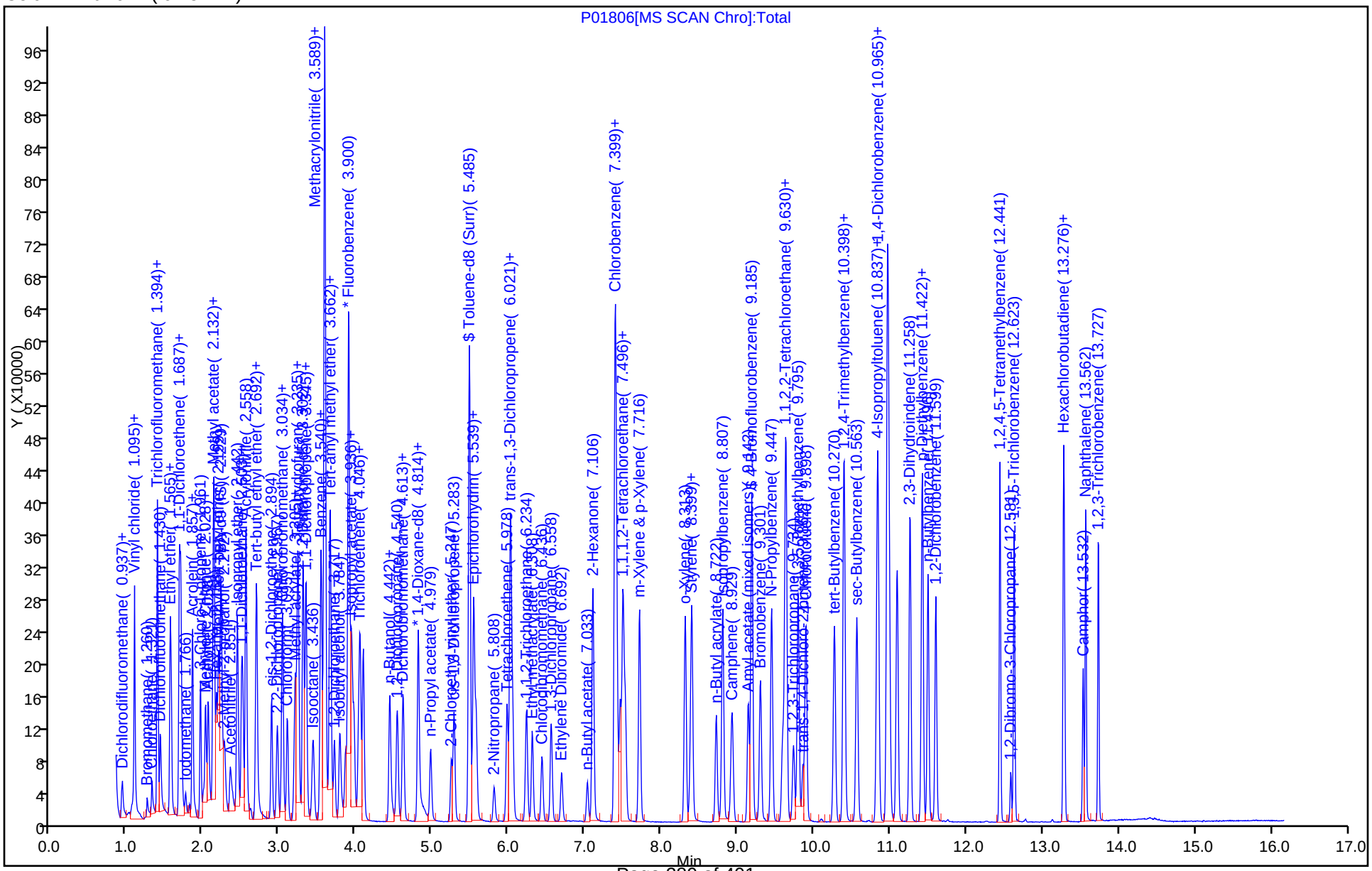
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

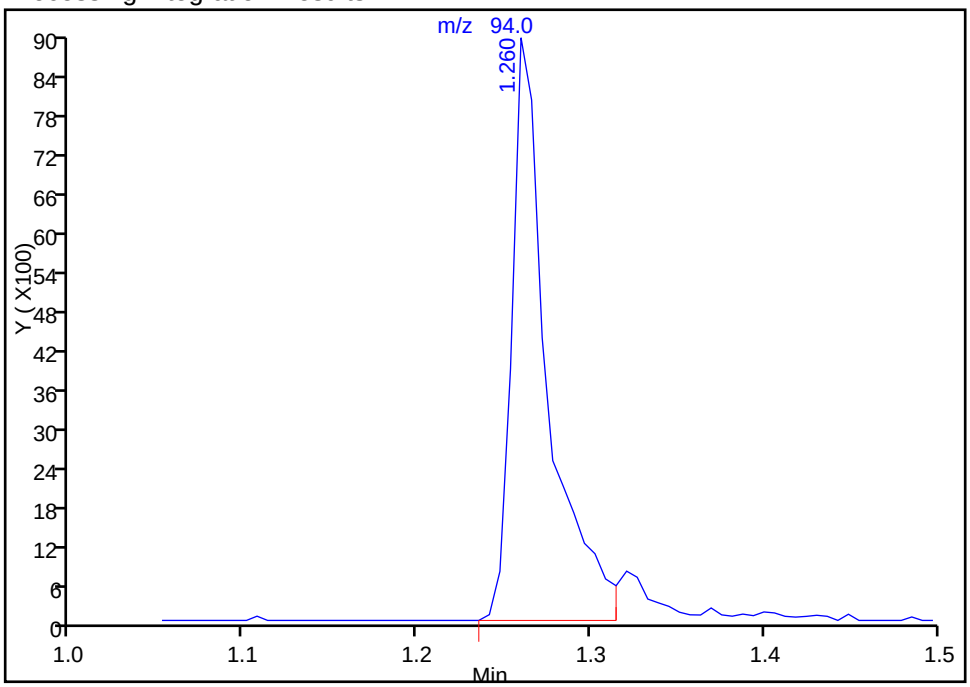
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01806.D
Injection Date: 29-Jul-2015 15:26:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Bromomethane, CAS: 74-83-9

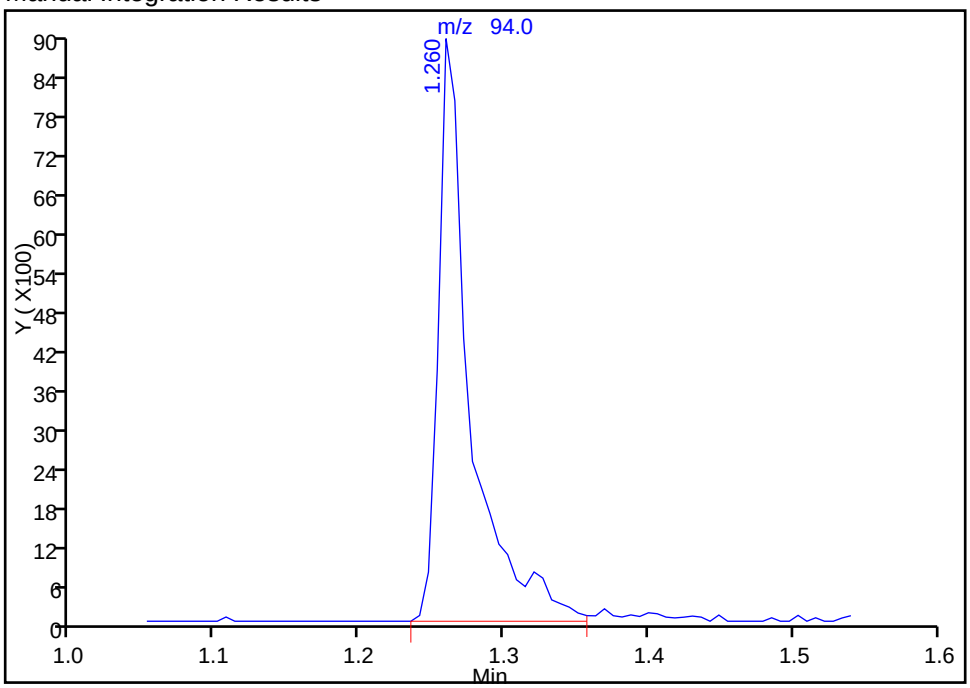
Processing Integration Results

RT: 1.26
Area: 12985
Amount: 13.410227
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 13880
Amount: 17.831493
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:32:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01807.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Jul-2015 15:51:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0030198-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:29 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:31:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	11656	50.0	48.1	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	140101	50.0	50.7	
3 Vinyl chloride	62	1.089	1.089	0.000	98	165073	50.0	50.7	
4 Chloromethane	50	1.095	1.095	0.000	66	218620	50.0	48.3	
5 Butadiene	54	1.095	1.095	0.000	94	133866	50.0	47.1	
6 Bromomethane	94	1.260	1.260	0.000	99	47061	50.0	52.4	
7 Chloroethane	64	1.321	1.321	0.000	99	84053	50.0	45.5	
8 Pentane	72	1.394	1.394	0.000	97	41288	100.0	104.9	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	207687	50.0	48.8	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	260403	50.0	48.3	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	186476	50.0	52.0	
12 Ethyl ether	59	1.577	1.577	0.000	94	125784	50.0	49.1	
13 Ethanol	46	1.680	1.674	0.006	96	41783	2000.0	1808.7	
14 1,1-Dichloroethene	96	1.686	1.680	0.006	98	114646	50.0	45.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	88	155873	50.0	46.8	
16 Carbon disulfide	76	1.699	1.699	0.000	99	425559	50.0	44.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	97	90840	50.0	45.2	
18 Iodomethane	142	1.766	1.766	0.000	97	89071	50.0	37.3	
19 Cyclopentene	67	1.857	1.857	0.000	97	344515	50.0	48.3	
20 Acrolein	56	1.882	1.882	0.000	91	12423	100.0	98.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	75198	50.0	50.8	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	139790	500.0	469.5	
23 Methylene Chloride	84	2.028	2.028	0.000	95	143380	50.0	48.7	
24 Acetone	43	2.064	2.058	0.006	86	399492	250.0	236.5	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	135181	50.0	46.0	
26 Methyl acetate	43	2.138	2.138	0.000	100	1076595	250.0	259.5	
27 Hexane	57	2.168	2.168	0.000	92	228451	50.0	43.2	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	443443	50.0	51.4	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	99	374059	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	212252	500.0	515.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	257739	500.0	483.3	
32 Isopropyl ether	45	2.442	2.442	0.000	96	517110	50.0	49.2	
33 2-Chloro-1,3-butadiene	88	2.503	2.497	0.006	91	114530	50.0	49.2	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	259237	50.0	48.2	
35 Acrylonitrile	53	2.558	2.558	0.000	94	663524	500.0	513.1	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	90	461900	50.0	49.7	
38 Allyl alcohol	57	2.692	2.692	0.000	51	246048	1250.0	1362.3	
37 Vinyl acetate	43	2.698	2.699	-0.001	100	373849	100.0	99.8	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	146118	50.0	49.6	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	180759	50.0	47.4	
41 Cyclohexane	56	3.034	3.034	0.000	93	166656	50.0	45.6	
42 Chlorobromomethane	128	3.040	3.040	0.000	94	74066	50.0	49.7	
43 Chloroform	83	3.101	3.095	0.006	99	233310	50.0	50.2	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	143040	50.0	46.2	
46 Methyl acrylate	55	3.204	3.205	-0.001	94	151511	50.0	53.7	
45 Ethyl acetate	43	3.204	3.205	-0.001	99	166287	100.0	98.5	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	136750	100.0	100.7	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	108987	50.0	47.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	183330	50.0	47.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	387237	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	121518	250.0	252.6	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	97	158672	50.0	43.6	
52 Isooctane	57	3.436	3.436	0.000	99	329185	50.0	57.8	
53 n-Heptane	57	3.528	3.528	0.000	94	60087	50.0	36.8	
54 Benzene	78	3.546	3.540	0.006	96	557217	50.0	50.2	
55 Propionitrile	54	3.576	3.576	0.000	93	276066	500.0	496.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	695384	500.0	535.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	96	132903	50.0	47.8	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	412130	50.0	50.6	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	186339	50.0	47.3	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	219408	1250.0	1315.4	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	98	557040	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	96	581873	100.0	94.7	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	312531	50.0	53.8	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	150384	50.0	39.8	
64 Trichloroethene	130	4.058	4.058	0.000	96	145788	50.0	49.3	
66 n-Butanol	56	4.442	4.442	0.000	79	133153	1250.0	1305.9	
67 Dibromomethane	93	4.442	4.442	0.000	93	86214	50.0	51.2	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	144073	50.0	50.5	
69 Ethyl acrylate	55	4.607	4.613	-0.006	98	199148	50.0	56.7	
70 Dichlorobromomethane	83	4.619	4.619	0.000	100	177931	50.0	51.3	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	87928	100.0	111.3	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	46	40662	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	93	47152	1000.0	1068.3	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	245411	50.0	56.3	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	94529	50.0	57.6	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	218697	50.0	53.9	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	441630	50.0	50.0	
78 Toluene	91	5.539	5.539	0.000	93	575401	50.0	50.4	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	338956	1000.0	1058.7	
80 2-Nitropropane	41	5.808	5.808	0.000	96	73257	100.0	105.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	142292	50.0	47.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	827127	250.0	267.3	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	198225	50.0	54.3	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	106505	50.0	53.3	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	182816	50.0	58.1	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	136368	50.0	53.5	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	218475	50.0	53.6	
88 Ethylene Dibromide	107	6.692	6.692	0.000	100	131586	50.0	53.5	
89 n-Butyl acetate	43	7.027	7.033	-0.006	98	108781	50.0	55.7	
90 2-Hexanone	43	7.100	7.106	-0.006	97	662617	250.0	293.0	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	411490	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	380461	50.0	50.4	
93 Ethylbenzene	106	7.502	7.496	0.006	98	196416	50.0	51.1	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	129717	50.0	52.1	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	243288	50.0	51.6	
96 o-Xylene	106	8.313	8.313	0.000	94	235828	50.0	53.5	
97 Bromoform	173	8.380	8.380	0.000	97	98491	50.0	51.7	
98 Styrene	104	8.399	8.399	0.000	95	415930	50.0	55.7	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	103167	50.0	55.4	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	601952	50.0	52.9	
101 Camphene	41	8.923	8.929	-0.006	96	40736	50.0	53.7	
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	89	274645	50.0	55.6	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	95	157939	50.0	50.3	
104 Bromobenzene	156	9.301	9.301	0.000	95	179457	50.0	51.0	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	710934	50.0	52.3	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	169239	50.0	54.3	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	503458	50.0	51.3	
108 4-Ethyltoluene	105	9.636	9.636	0.000	97	662458	50.0	53.4	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	98	51851	50.0	54.2	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	530443	50.0	53.4	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	91	52142	50.0	56.5	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	474944	50.0	52.9	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	430698	50.0	52.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	92	187698	50.0	46.7	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	562524	50.0	54.7	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	613730	50.0	52.4	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	341000	50.0	51.8	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	569470	50.0	56.8	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	242420	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	96	344477	50.0	48.9	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	94	599548	50.0	53.5	
122 Benzyl chloride	91	11.416	11.416	0.000	97	424873	50.0	53.7	
123 p-Diethylbenzene	119	11.422	11.429	-0.007	94	358547	50.0	55.3	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	496386	50.0	51.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	333663	50.0	50.0	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	98	560969	50.0	46.7	
127 1,2-Dibromo-3-Chloropropan	157	12.581	12.587	-0.006	95	41440	50.0	54.7	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	271433	50.0	50.7	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	256822	50.0	51.4	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	95811	50.0	46.4	
131 Camphor	95	13.532	13.532	0.000	91	110479	250.0	303.1	
132 Naphthalene	128	13.562	13.562	0.000	99	639356	50.0	57.1	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	236041	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	95.7	
S 135 Xylenes, Total	100				0		100.0	105.1	
S 136 Total BTEX	1				0		250.0	256.8	

Reagents:

GAS Hi_00106	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00033	Amount Added:	5.00	Units: uL		
ACROLEIN W_00040	Amount Added:	10.00	Units: uL		
MIX I Hi_00045	Amount Added:	5.00	Units: uL		
8260 MIX3 HI_00017	Amount Added:	5.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 31-Jul-2015 16:26:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01807.D

Injection Date: 29-Jul-2015 15:51:30 Instrument ID: CVOAMS13 Operator ID:

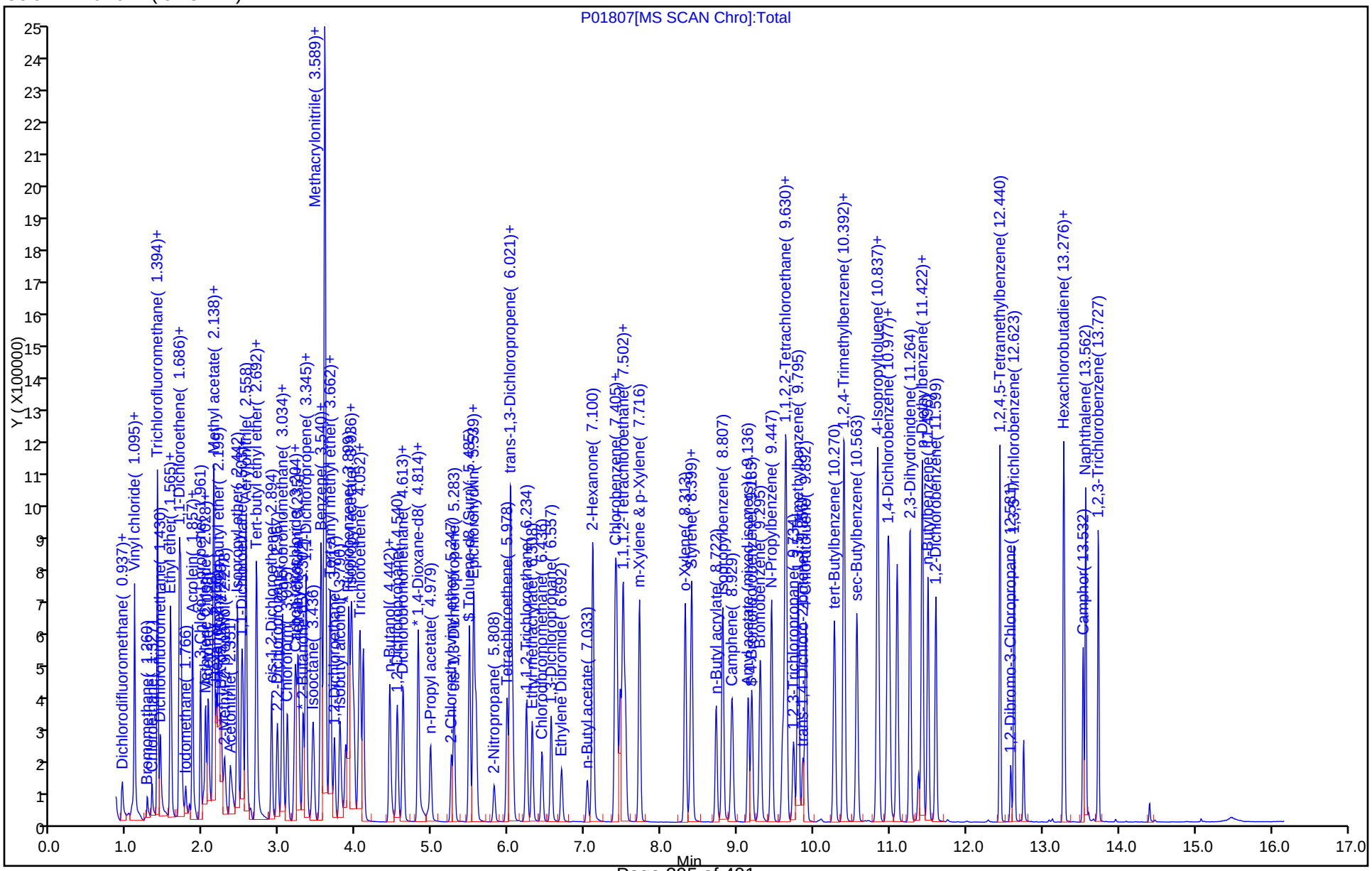
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01808.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Jul-2015 16:16:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0030198-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:33 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:33:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	57679	200.0	233.2	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	523585	200.0	185.8	
3 Vinyl chloride	62	1.083	1.089	-0.006	98	591899	200.0	178.2	
4 Chloromethane	50	1.095	1.095	0.000	99	789095	200.0	171.0	
5 Butadiene	54	1.095	1.095	0.000	96	499056	200.0	172.3	
6 Bromomethane	94	1.260	1.260	0.000	99	262736	200.0	215.3	
7 Chloroethane	64	1.321	1.321	0.000	100	316054	200.0	167.7	
8 Pentane	72	1.394	1.394	0.000	97	174986	400.0	461.8	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	767136	200.0	176.7	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	99	948721	200.0	172.6	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	97	773867	200.0	211.5	
12 Ethyl ether	59	1.577	1.577	0.000	94	492930	200.0	188.8	
13 Ethanol	46	1.674	1.674	0.000	98	168172	8000.0	7561.5	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	98	493174	200.0	193.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	88	665756	200.0	196.0	
16 Carbon disulfide	76	1.699	1.699	0.000	100	1822515	200.0	185.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	96	459429	200.0	224.2	
18 Iodomethane	142	1.766	1.766	0.000	97	530721	200.0	205.8	
19 Cyclopentene	67	1.851	1.857	-0.006	97	1442022	200.0	198.3	
20 Acrolein	56	1.882	1.882	0.000	96	23545	200.0	193.7	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	307429	200.0	203.7	
22 Isopropyl alcohol	45	2.003	1.997	0.006	99	516336	2000.0	1801.3	
23 Methylene Chloride	84	2.022	2.028	-0.006	95	568426	200.0	189.1	
24 Acetone	43	2.058	2.058	0.000	86	1476356	1000.0	1008.0	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	95	553778	200.0	184.9	
26 Methyl acetate	43	2.138	2.138	0.000	100	4566217	1000.0	1079.1	
27 Hexane	57	2.168	2.168	0.000	96	1105573	200.0	203.0	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	1743571	200.0	198.3	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	99	360128	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	772313	2000.0	1994.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	99	1028755	2000.0	2003.8	
32 Isopropyl ether	45	2.442	2.442	0.000	97	2216026	200.0	206.6	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	91	477765	200.0	201.2	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	1011643	200.0	184.5	
35 Acrylonitrile	53	2.558	2.558	0.000	94	2459988	2000.0	1865.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	1990089	200.0	209.9	
38 Allyl alcohol	57	2.692	2.692	0.000	49	1008602	5000.0	5800.4	
37 Vinyl acetate	43	2.698	2.699	-0.001	100	1470174	400.0	384.7	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	581660	200.0	193.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	99	760256	200.0	195.4	
41 Cyclohexane	56	3.034	3.034	0.000	93	865293	200.0	232.2	
42 Chlorobromomethane	128	3.040	3.040	0.000	90	287086	200.0	189.0	
43 Chloroform	83	3.095	3.095	0.000	99	921346	200.0	194.5	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	653362	200.0	206.7	
46 Methyl acrylate	55	3.204	3.205	-0.001	94	600886	200.0	208.6	
45 Ethyl acetate	43	3.204	3.205	-0.001	97	652610	400.0	400.9	
47 Tetrahydrofuran	42	3.217	3.223	-0.006	95	519016	400.0	396.3	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	112183	50.0	47.8	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	785644	200.0	199.2	
* 157 2-Butanone-d5	46	3.308	3.302	0.006	0	373516	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	100	453554	1000.0	977.4	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	97	680534	200.0	183.3	
52 Isooctane	57	3.436	3.436	0.000	99	1410609	200.0	242.7	
53 n-Heptane	57	3.534	3.528	0.006	96	345127	200.0	206.0	
54 Benzene	78	3.546	3.540	0.006	96	2233909	200.0	196.0	
55 Propionitrile	54	3.589	3.576	0.013	94	1103895	2000.0	2061.2	
56 Methacrylonitrile	67	3.601	3.589	0.012	94	2715827	2000.0	2048.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	40	134899	50.0	47.6	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	1799060	200.0	216.7	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	721816	200.0	179.6	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	871254	5000.0	5425.5	
* 61 Fluorobenzene	96	3.906	3.900	0.006	98	568138	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.936	0.006	95	2500487	400.0	403.3	
62 Isopropyl acetate	43	3.973	3.973	0.000	99	1250119	200.0	211.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	814522	200.0	204.2	
64 Trichloroethene	130	4.058	4.058	0.000	96	596226	200.0	197.6	
66 n-Butanol	56	4.442	4.442	0.000	88	549596	5000.0	5250.5	
67 Dibromomethane	93	4.442	4.442	0.000	93	341144	200.0	198.6	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	91	583174	200.0	200.4	
69 Ethyl acrylate	55	4.607	4.613	-0.006	98	792153	200.0	221.3	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	733687	200.0	207.2	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	347063	400.0	430.9	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	41	38498	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	96	170362	4000.0	4076.6	
74 n-Propyl acetate	43	4.979	4.979	-0.001	99	935375	200.0	210.2	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	381072	200.0	227.8	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	915154	200.0	219.6	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	453319	50.0	50.0	
78 Toluene	91	5.545	5.539	0.006	92	2351187	200.0	200.4	
79 Epichlorohydrin	57	5.576	5.570	0.006	100	1287143	4000.0	4168.1	
80 2-Nitropropane	41	5.808	5.808	0.000	98	306372	400.0	431.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	98	611742	200.0	199.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	3132463	1000.0	1049.3	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	98	820192	200.0	218.8	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	430787	200.0	210.1	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	721889	200.0	225.0	
86 Chlorodibromomethane	129	6.442	6.436	0.006	98	574228	200.0	219.1	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	876485	200.0	209.2	
88 Ethylene Dibromide	107	6.698	6.692	0.006	98	532045	200.0	210.5	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	442878	200.0	220.9	
90 2-Hexanone	43	7.106	7.106	0.000	98	2414639	1000.0	1106.8	
* 91 Chlorobenzene-d5	117	7.399	7.393	0.006	84	422624	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	1550136	200.0	199.9	
93 Ethylbenzene	106	7.502	7.496	0.006	98	816077	200.0	206.5	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	556145	200.0	217.4	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	1001338	200.0	206.8	
96 o-Xylene	106	8.319	8.313	0.006	94	970950	200.0	214.6	
97 Bromoform	173	8.386	8.380	0.006	96	424342	200.0	216.9	
98 Styrene	104	8.405	8.399	0.006	96	1729569	200.0	225.4	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	433754	200.0	213.6	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	2583705	200.0	220.9	
101 Camphene	41	8.929	8.929	0.000	95	181147	200.0	232.4	
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	89	1088865	200.0	209.9	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	94	157943	50.0	49.0	
104 Bromobenzene	156	9.301	9.301	0.000	94	717812	200.0	203.8	
105 N-Propylbenzene	91	9.453	9.447	0.006	99	3064091	200.0	225.0	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	663941	200.0	212.6	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	2103329	200.0	213.9	
108 4-Ethyltoluene	105	9.642	9.636	0.006	99	2775212	200.0	223.4	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	98	202056	200.0	211.0	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	94	2242272	200.0	225.3	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	91	207971	200.0	224.9	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	1951781	200.0	217.0	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	1883776	200.0	228.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	824932	200.0	201.7	
115 1,2,4-Trimethylbenzene	105	10.404	10.398	0.006	97	2358297	200.0	229.0	
116 sec-Butylbenzene	105	10.569	10.563	0.006	99	2746865	200.0	234.3	
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	98	1389990	200.0	210.6	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	98	2530109	200.0	252.0	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	242831	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.996	10.990	0.006	96	1396883	200.0	198.0	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	94	2464852	200.0	219.7	
122 Benzyl chloride	91	11.416	11.416	0.000	99	1816049	200.0	213.8	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	95	1502547	200.0	231.4	
124 n-Butylbenzene	91	11.502	11.496	0.006	98	2217670	200.0	230.6	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	99	1346145	200.0	201.3	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	97	2425160	200.0	201.7	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	169243	200.0	223.0	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	98	1144225	200.0	213.4	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	1074811	200.0	214.9	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	442666	200.0	214.2	
131 Camphor	95	13.532	13.532	0.000	92	422960	1000.0	1158.4	
132 Naphthalene	128	13.568	13.562	0.006	99	2517061	200.0	224.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	961104	200.0	204.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	378.5	
S 135 Xylenes, Total	100				0		400.0	421.4	
S 136 Total BTEX	1				0		1000.0	1024.4	

Reagents:

GAS Hi_00106	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	20.00	Units: uL	
MIX I Hi_00045	Amount Added:	20.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

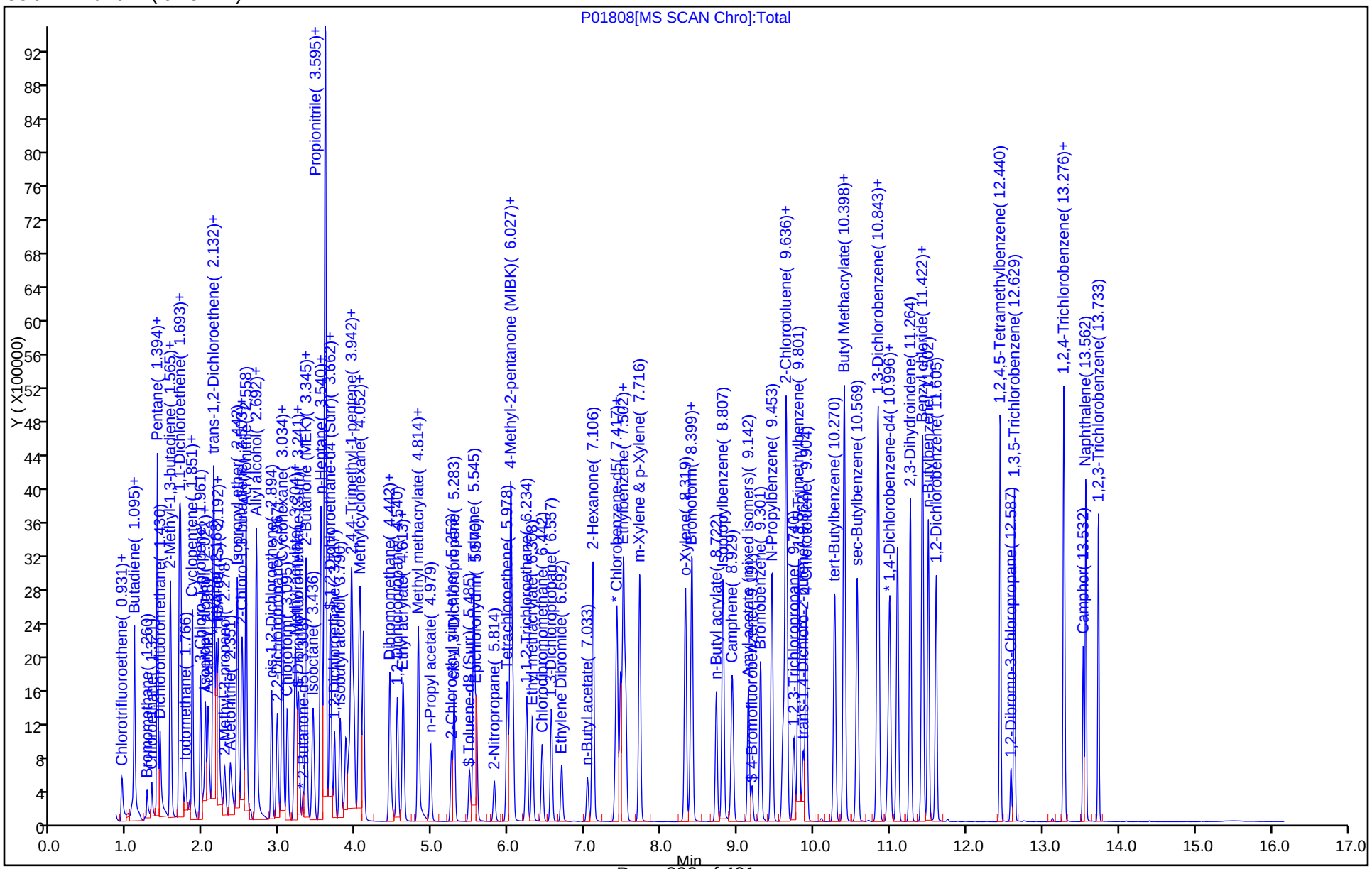
Report Date: 31-Jul-2015 16:26:36 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01808.D

Injection Date:	29-Jul-2015 16:16:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01809.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Jul-2015 16:41:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0030198-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:37 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:34:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	151985	500.0	586.8	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	1290244	500.0	437.3	
3 Vinyl chloride	62	1.083	1.089	-0.006	98	1561087	500.0	448.8	
4 Chloromethane	50	1.089	1.095	-0.006	99	2143889	500.0	443.7	
5 Butadiene	54	1.095	1.095	0.000	97	1300366	500.0	428.9	
6 Bromomethane	94	1.260	1.260	0.000	99	916430	500.0	491.2	
7 Chloroethane	64	1.321	1.321	0.000	100	964405	500.0	488.7	
8 Pentane	72	1.394	1.394	0.000	97	418085	1000.0	1079.0	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	98	1935035	500.0	425.7	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	99	2543965	500.0	442.0	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	97	1888253	500.0	492.9	
12 Ethyl ether	59	1.577	1.577	0.000	95	1249809	500.0	457.3	
13 Ethanol	46	1.680	1.674	0.006	99	434489	20000	19105	
14 1,1-Dichloroethene	96	1.687	1.680	0.007	98	1316057	500.0	493.1	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	82	1503497	500.0	422.9	
16 Carbon disulfide	76	1.699	1.699	0.000	100	4881884	500.0	474.9	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	94	1269346	500.0	591.6	
18 Iodomethane	142	1.766	1.766	0.000	97	1478282	500.0	499.3	
19 Cyclopentene	67	1.857	1.857	0.000	97	3641621	500.0	478.2	
20 Acrolein	56	1.882	1.882	0.000	90	51488	400.0	414.3	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	703030	500.0	445.0	
22 Isopropyl alcohol	45	2.004	1.997	0.007	98	1279369	5000.0	4364.8	
23 Methylene Chloride	84	2.028	2.028	0.000	95	1472638	500.0	468.1	
24 Acetone	43	2.064	2.058	0.006	86	3005518	2500.0	2497.8	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	1466613	500.0	467.7	
26 Methyl acetate	43	2.138	2.138	0.000	100	11606341	2500.0	2620.1	
27 Hexane	57	2.168	2.168	0.000	93	2899054	500.0	499.6	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	4565580	500.0	495.9	
* 29 TBA-d9 (IS)	65	2.235	2.229	0.006	99	368256	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.284	2.278	0.006	99	1984942	5000.0	5000.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	2300361	5000.0	4381.7	
32 Isopropyl ether	45	2.442	2.442	0.000	97	5178566	500.0	461.1	
33 2-Chloro-1,3-butadiene	88	2.503	2.497	0.006	91	1201136	500.0	483.1	
34 1,1-Dichloroethane	63	2.522	2.516	0.006	100	2638044	500.0	459.5	
35 Acrylonitrile	53	2.564	2.558	0.006	94	6294025	5000.0	4558.1	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	89	4764421	500.0	480.0	
38 Allyl alcohol	57	2.692	2.692	0.000	96	2475482	12500	13922	
37 Vinyl acetate	43	2.699	2.699	0.000	100	4058957	1000.0	1014.5	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	1502488	500.0	477.9	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	2015685	500.0	495.0	
41 Cyclohexane	56	3.034	3.034	0.000	93	2396131	500.0	614.1	
42 Chlorobromomethane	128	3.040	3.040	0.000	88	741279	500.0	466.2	
43 Chloroform	83	3.101	3.095	0.006	99	2436340	500.0	491.3	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	1766735	500.0	533.9	
46 Methyl acrylate	55	3.211	3.205	0.006	93	1562226	500.0	518.1	
45 Ethyl acetate	43	3.211	3.205	0.006	96	1680978	1000.0	983.7	
47 Tetrahydrofuran	42	3.223	3.223	0.000	95	1343125	1000.0	977.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	95	118709	50.0	48.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	99	2074208	500.0	502.4	
* 157 2-Butanone-d5	46	3.308	3.302	0.006	0	392129	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	1094553	2500.0	2246.8	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	72	1809210	500.0	465.5	
52 Isooctane	57	3.436	3.436	0.000	99	3446105	500.0	566.5	
53 n-Heptane	57	3.534	3.528	0.006	95	885293	500.0	499.2	
54 Benzene	78	3.546	3.540	0.006	96	5915240	500.0	487.6	
55 Propionitrile	54	3.607	3.576	0.031	96	2549691	5000.0	4655.7	
56 Methacrylonitrile	67	3.613	3.589	0.024	93	6936122	5000.0	4997.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.668	3.656	0.012	94	146051	50.0	49.2	
58 Tert-amyl methyl ether	73	3.668	3.662	0.006	98	4310103	500.0	495.8	
59 1,2-Dichloroethane	62	3.723	3.717	0.006	97	1875040	500.0	445.5	
60 Isobutyl alcohol	43	3.802	3.790	0.012	96	2252056	12500	13715	
* 61 Fluorobenzene	96	3.906	3.900	0.006	98	594773	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.936	0.006	95	6347098	1000.0	999.5	
62 Isopropyl acetate	43	3.979	3.973	0.006	98	3224594	500.0	519.8	
63 Methylcyclohexane	83	4.046	4.040	0.006	96	2214162	500.0	499.5	
64 Trichloroethene	130	4.064	4.058	0.006	96	1579632	500.0	500.0	
66 n-Butanol	56	4.454	4.442	0.012	90	1451111	12500	12256	
67 Dibromomethane	93	4.442	4.442	0.000	96	892850	500.0	496.6	
68 1,2-Dichloropropane	63	4.546	4.540	0.006	91	1543335	500.0	506.7	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	2082547	500.0	555.8	
70 Dichlorobromomethane	83	4.625	4.619	0.006	99	1962097	500.0	529.4	
71 Methyl methacrylate	100	4.820	4.814	0.006	93	895973	1000.0	1062.6	
* 72 1,4-Dioxane-d8	96	4.826	4.820	0.006	39	38553	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	94	430539	10000	10288	
74 n-Propyl acetate	43	4.979	4.979	0.000	100	2432812	500.0	522.3	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	97	1000688	500.0	571.5	
76 cis-1,3-Dichloropropene	75	5.289	5.283	0.006	93	2458784	500.0	554.3	
$ 77 Toluene-d8 (Surr)	98	5.491	5.485	0.006	99	483019	50.0	50.1	
78 Toluene	91	5.546	5.539	0.007	92	6332613	500.0	507.2	
79 Epichlorohydrin	57	5.588	5.570	0.018	100	3345777	10000	10320	
80 2-Nitropropane	41	5.814	5.808	0.006	97	817211	1000.0	1098.3	
81 Tetrachloroethene	166	5.984	5.978	0.006	98	1640060	500.0	501.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.039	6.021	0.018	98	8182054	2500.0	2610.8	
83 trans-1,3-Dichloropropene	75	6.070	6.052	0.018	98	2206592	500.0	553.0	
84 1,1,2-Trichloroethane	83	6.241	6.234	0.006	95	1130789	500.0	518.1	
85 Ethyl methacrylate	69	6.314	6.308	0.006	91	1923689	500.0	572.8	
86 Chlorodibromomethane	129	6.448	6.436	0.012	98	1553778	500.0	557.1	
87 1,3-Dichloropropane	76	6.564	6.558	0.006	95	2311582	500.0	518.4	
88 Ethylene Dibromide	107	6.704	6.692	0.012	98	1384877	500.0	514.7	
89 n-Butyl acetate	43	7.039	7.033	0.006	98	1172603	500.0	549.3	
90 2-Hexanone	43	7.112	7.106	0.006	98	5804341	2500.0	2534.1	
* 91 Chlorobenzene-d5	117	7.405	7.393	0.012	87	449884	50.0	50.0	
92 Chlorobenzene	112	7.429	7.417	0.012	95	4167673	500.0	504.9	
93 Ethylbenzene	106	7.515	7.496	0.019	98	2217163	500.0	527.1	
94 1,1,1,2-Tetrachloroethane	131	7.545	7.533	0.012	95	1491865	500.0	547.8	
95 m-Xylene & p-Xylene	106	7.728	7.716	0.012	96	2690039	500.0	521.9	
96 o-Xylene	106	8.325	8.313	0.012	94	2587808	500.0	537.3	
97 Bromoform	173	8.393	8.380	0.013	98	1172504	500.0	563.0	
98 Styrene	104	8.411	8.399	0.012	96	4691379	500.0	574.5	
99 n-Butyl acrylate	73	8.728	8.722	0.006	96	1147218	500.0	484.6	
100 Isopropylbenzene	105	8.819	8.807	0.012	95	6971103	500.0	559.8	
101 Camphene	41	8.935	8.929	0.006	95	462607	500.0	557.6	
102 Amyl acetate (mixed isomer	43	9.148	9.136	0.012	89	2854486	500.0	487.0	
$ 103 4-Bromofluorobenzene	174	9.197	9.185	0.012	94	167245	50.0	48.8	
104 Bromobenzene	156	9.313	9.301	0.012	95	1916666	500.0	520.4	
105 N-Propylbenzene	91	9.459	9.447	0.012	99	8249816	500.0	579.3	
106 1,1,2,2-Tetrachloroethane	83	9.606	9.594	0.012	98	1780411	500.0	545.2	
107 2-Chlorotoluene	91	9.642	9.624	0.018	97	5691719	500.0	553.4	
108 4-Ethyltoluene	105	9.654	9.636	0.018	98	7283505	500.0	560.5	
109 1,2,3-Trichloropropane	110	9.746	9.734	0.012	98	522648	500.0	521.9	
110 1,3,5-Trimethylbenzene	105	9.813	9.795	0.018	93	5959862	500.0	572.7	
111 trans-1,4-Dichloro-2-buten	53	9.868	9.856	0.012	93	553414	500.0	572.2	
112 4-Chlorotoluene	91	9.911	9.898	0.013	97	5232021	500.0	556.3	
113 tert-Butylbenzene	119	10.282	10.270	0.012	95	5027910	500.0	582.7	
114 Butyl Methacrylate	87	10.404	10.392	0.012	93	2204697	500.0	499.8	
115 1,2,4-Trimethylbenzene	105	10.410	10.398	0.012	96	6310834	500.0	585.9	
116 sec-Butylbenzene	105	10.581	10.563	0.018	99	7288253	500.0	594.5	
117 1,3-Dichlorobenzene	146	10.843	10.831	0.012	98	3697274	500.0	535.7	
118 4-Isopropyltoluene	119	10.862	10.843	0.019	98	6811919	500.0	648.7	
* 119 1,4-Dichlorobenzene-d4	152	10.983	10.965	0.018	95	253969	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.008	10.990	0.018	96	3666525	500.0	497.0	
121 2,3-Dihydroindene	117	11.276	11.258	0.018	94	6315079	500.0	538.1	
122 Benzyl chloride	91	11.422	11.416	0.006	97	4792173	500.0	486.1	
123 p-Diethylbenzene	119	11.441	11.429	0.012	95	3833338	500.0	564.4	
124 n-Butylbenzene	91	11.508	11.496	0.012	98	5704596	500.0	567.1	
125 1,2-Dichlorobenzene	146	11.611	11.599	0.012	97	3491945	500.0	499.2	
126 1,2,4,5-Tetramethylbenzene	119	12.447	12.441	0.006	97	6263401	500.0	499.8	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	95	430013	500.0	541.8	
128 1,3,5-Trichlorobenzene	180	12.636	12.623	0.013	98	2862828	500.0	510.6	
129 1,2,4-Trichlorobenzene	180	13.282	13.276	0.006	94	2877570	500.0	550.1	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	1155662	500.0	534.7	
131 Camphor	95	13.532	13.532	0.000	92	1060905	2500.0	2778.1	
132 Naphthalene	128	13.568	13.562	0.006	99	6417772	500.0	547.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	2514941	500.0	512.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	945.6	
S 135 Xylenes, Total	100				0		1000.0	1059.2	
S 136 Total BTEX	1				0		2500.0	2581.1	

Reagents:

GAS Hi_00106	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	50.00	Units: uL	
ACROLEIN W_00040	Amount Added:	40.00	Units: uL	
MIX I Hi_00045	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	50.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 16:26:40 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01809.D

Injection Date: 29-Jul-2015 16:41:30 Instrument ID: CVOAMS13 Operator ID:

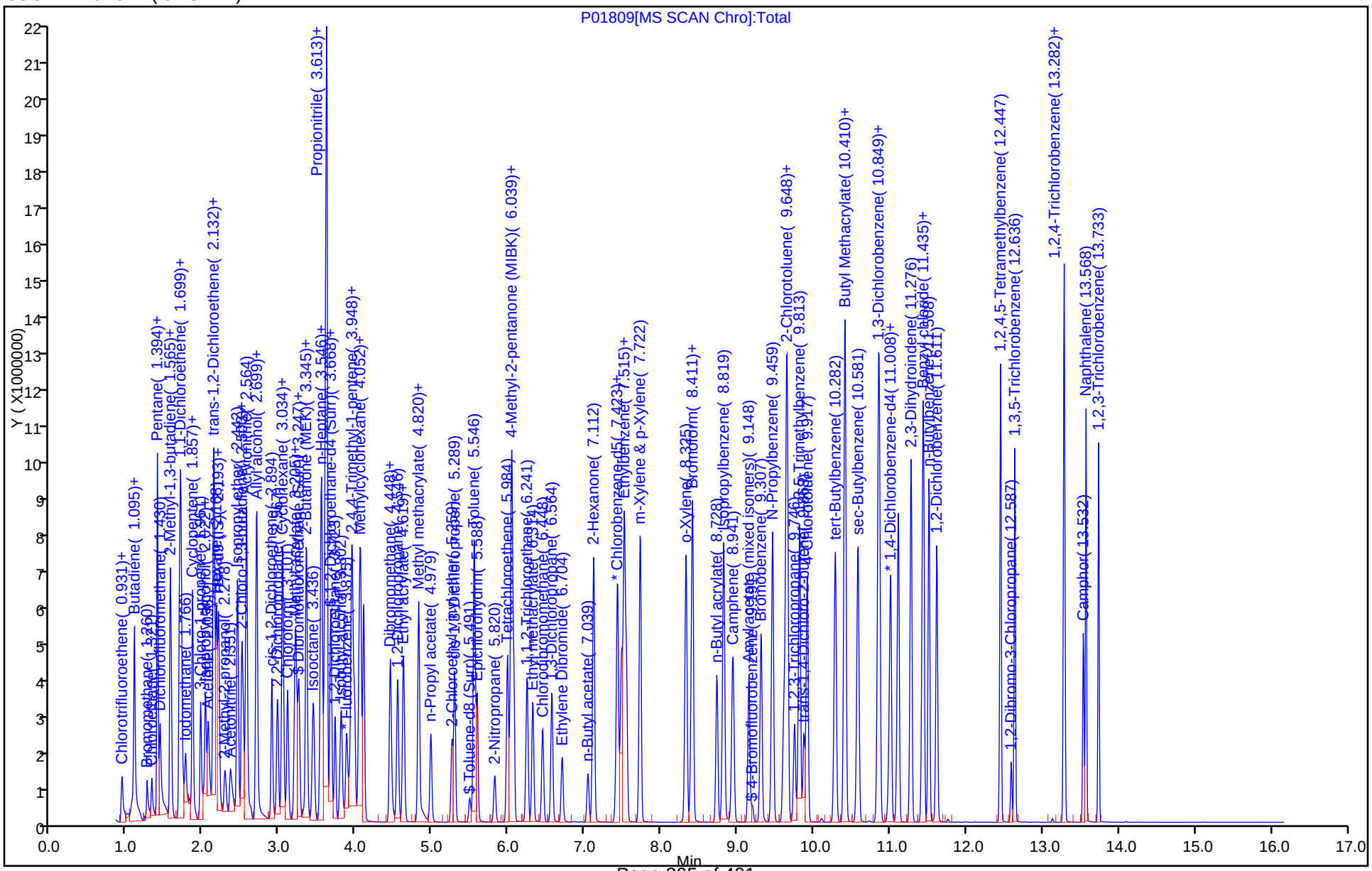
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01812.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Jul-2015 17:56:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0030198-012
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:41 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:35:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	99	352231	1000.0	1000.0	
35 Acrylonitrile	53	2.558	2.558	0.000	99	3054	2.00	2.45	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	107270	50.0	48.3	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	357356	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	129153	50.0	48.2	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	98	537407	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	93	34562	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	421873	50.0	49.1	
79 Epichlorohydrin	57	5.582	5.570	0.012	40	1553	5.00	5.26	M
* 91 Chlorobenzene-d5	117	7.399	7.393	0.006	85	400397	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	149405	50.0	48.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	236292	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00040	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00012	Amount Added:	2.00	Units: uL	
MIX I Hi_00045	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	0.00	Units: uL	
14DIOXINTER_00041	Amount Added:	0.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

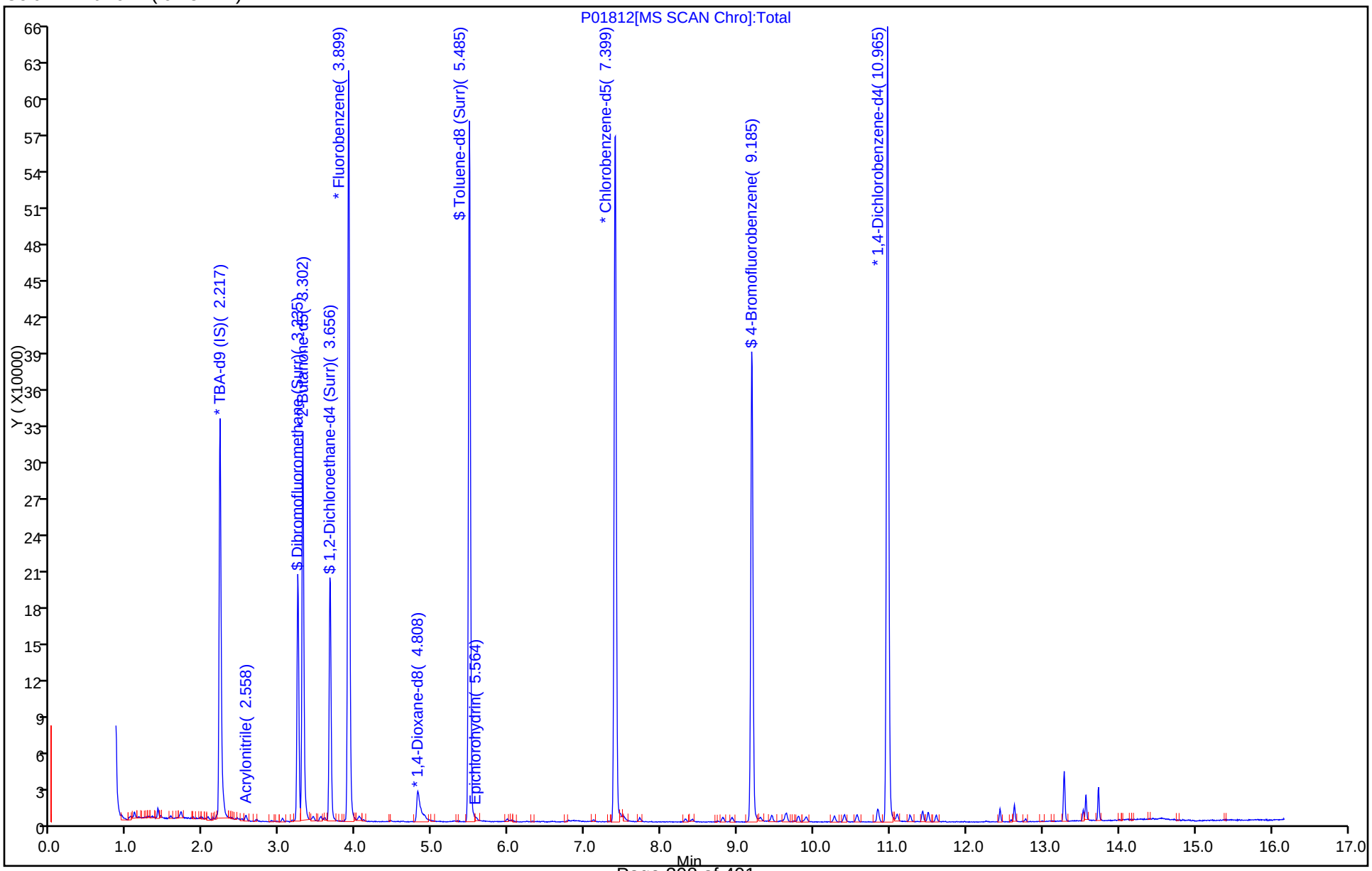
Report Date: 31-Jul-2015 16:26:58 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01812.D

Injection Date:	29-Jul-2015 17:56:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

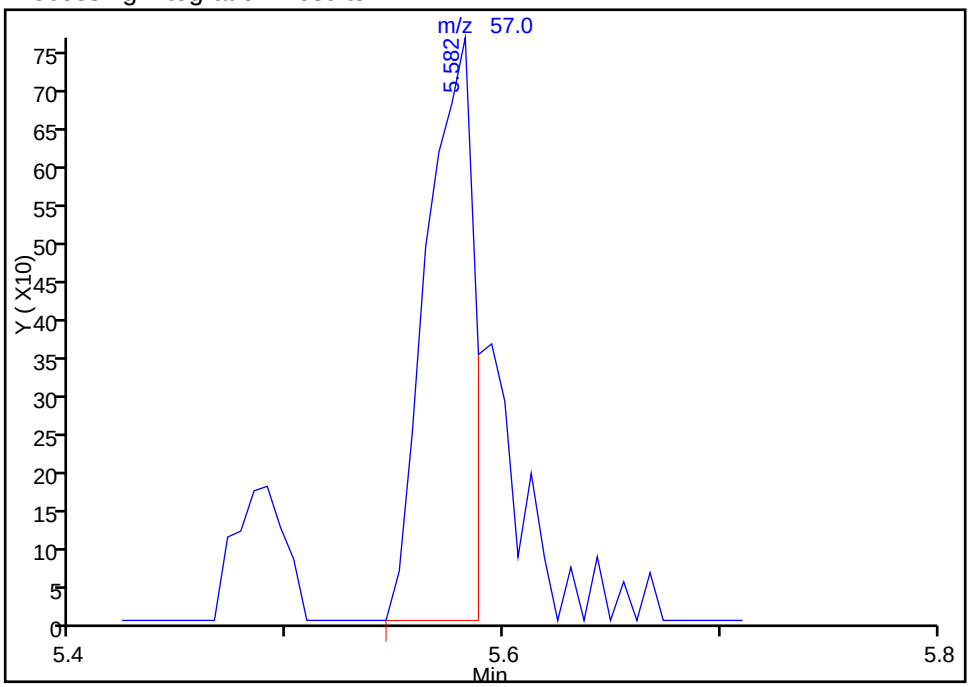
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01812.D
Injection Date: 29-Jul-2015 17:56:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 Epichlorohydrin, CAS: 106-89-8

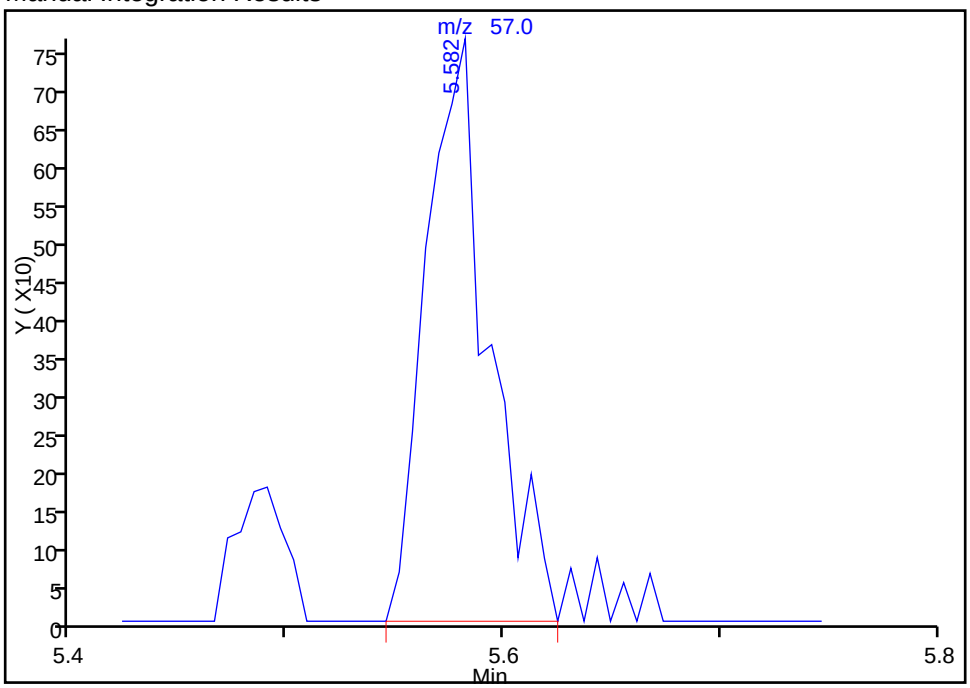
Processing Integration Results

RT: 5.58
Area: 1181
Amount: 4.127200
Amount Units: ug/l



Manual Integration Results

RT: 5.58
Area: 1553
Amount: 5.256381
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:18:39
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Jul-2015 20:18:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0030198-017
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:27:10 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:54:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	36	192	1.00	0.8297	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	92	2927	1.00	1.11	
3 Vinyl chloride	62	1.089	1.089	0.000	62	3276	1.00	1.05	
4 Chloromethane	50	1.095	1.095	0.000	68	4604	1.00	1.07	
5 Butadiene	54	1.095	1.095	0.000	93	3038	1.00	1.12	
6 Bromomethane	94	1.260	1.260	0.000	96	784	1.00	1.04	
7 Chloroethane	64	1.327	1.321	0.006	94	1840	1.00	1.04	
8 Pentane	72	1.394	1.394	0.000	96	660	2.00	1.92	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	83	4223	1.00	1.04	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	97	5250	1.00	1.02	
11 2-Methyl-1,3-butadiene	67	1.558	1.565	-0.007	95	3373	1.00	0.9854	
12 Ethyl ether	59	1.571	1.577	-0.006	99	2807	1.00	1.15	
13 Ethanol	46	1.686	1.674	0.012	23	822	40.0	40.8	M
14 1,1-Dichloroethene	96	1.680	1.680	0.000	96	2555	1.00	1.07	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	80	3186	1.00	1.00	M
16 Carbon disulfide	76	1.699	1.699	0.000	100	9934	1.00	1.08	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	37	1856	1.00	0.9681	
18 Iodomethane	142	1.766	1.766	0.000	73	1184	1.00	0.5264	M
19 Cyclopentene	67	1.857	1.857	0.000	96	6747	1.00	0.99	
20 Acrolein	56	1.882	1.882	0.000	62	497	4.00	4.52	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	90	1324	1.00	0.9379	
22 Isopropyl alcohol	45	1.991	1.997	-0.006	59	2469	10.0	9.51	M
23 Methylene Chloride	84	2.028	2.028	0.000	93	2549	1.00	0.9067	
24 Acetone	43	2.058	2.058	0.000	83	7240	5.00	4.81	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	94	3093	1.00	1.10	
26 Methyl acetate	43	2.138	2.138	0.000	100	16827	5.00	4.25	
27 Hexane	57	2.174	2.168	0.006	88	4461	1.00	0.8863	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	88	7717	1.00	0.9381	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	326037	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	6502	10.0	-0.2199	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.357	2.351	0.006	99	4734	10.0	10.2	M
32 Isopropyl ether	45	2.442	2.442	0.000	96	9896	1.00	0.9861	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	94	2093	1.00	0.9422	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	97	4946	1.00	0.9641	
35 Acrylonitrile	53	2.552	2.558	-0.006	94	11241	10.0	9.11	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	84	8638	1.00	0.9740	
38 Allyl alcohol	57	2.692	2.692	0.000	43	3752	25.0	23.8	
37 Vinyl acetate	43	2.692	2.699	-0.007	99	7385	2.00	2.07	
39 cis-1,2-Dichloroethene	96	2.887	2.894	-0.007	92	2711	1.00	0.9651	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	93	3530	1.00	0.9701	
41 Cyclohexane	56	3.028	3.034	-0.006	91	3310	1.00	0.9495	
42 Chlorobromomethane	128	3.034	3.040	-0.006	90	1523	1.00	1.07	
43 Chloroform	83	3.101	3.095	0.006	98	4249	1.00	0.9589	
44 Carbon tetrachloride	117	3.192	3.192	0.000	94	3044	1.00	1.03	
46 Methyl acrylate	55	3.204	3.205	-0.001	92	2453	1.00	0.9105	
45 Ethyl acetate	43	3.204	3.205	-0.001	88	2927	2.00	2.01	
47 Tetrahydrofuran	42	3.217	3.223	-0.006	35	1989	2.00	1.69	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	104182	50.0	47.4	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	35	3940	1.00	1.07	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	334856	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	98	1910	5.00	4.59	
51 1,1-Dichloropropene	75	3.339	3.345	-0.006	54	3695	1.00	1.06	
52 Isooctane	57	3.436	3.436	0.000	99	4585	1.00	0.8435	
53 n-Heptane	57	3.528	3.528	0.000	91	949	1.00	0.6102	M
54 Benzene	78	3.546	3.540	0.006	98	10985	1.00	1.04	
55 Propionitrile	54	3.576	3.576	0.000	33	5013	10.0	10.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	93	11332	10.0	9.14	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	127185	50.0	48.0	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	39	7387	1.00	0.9510	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	95	3693	1.00	0.9821	
60 Isobutyl alcohol	43	3.784	3.790	-0.006	95	3346	25.0	23.0	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	98	531444	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	83	6149	2.00	1.04	
62 Isopropyl acetate	43	3.973	3.973	0.000	96	4798	1.00	0.8655	
63 Methylcyclohexane	83	4.040	4.040	0.000	90	2450	1.00	0.6858	
64 Trichloroethene	130	4.058	4.058	0.000	93	2731	1.00	0.9674	
66 n-Butanol	56	4.442	4.442	0.000	57	1924	25.0	27.1	
67 Dibromomethane	93	4.436	4.442	-0.006	88	1548	1.00	0.9636	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	87	2416	1.00	0.8878	
69 Ethyl acrylate	55	4.613	4.613	0.000	85	2808	1.00	0.8387	
70 Dichlorobromomethane	83	4.625	4.619	0.006	96	3053	1.00	0.9219	
71 Methyl methacrylate	100	4.820	4.814	0.006	88	1277	2.00	1.69	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	90	35152	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	27	1717	50.0	45.0	
74 n-Propyl acetate	43	4.979	4.979	0.000	98	3751	1.00	0.9012	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	96	1283	1.00	0.8200	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	3399	1.00	0.8786	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	416209	50.0	49.5	
78 Toluene	91	5.539	5.539	0.000	91	10956	1.00	1.01	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	5259	20.0	19.0	
80 2-Nitropropane	41	5.808	5.808	0.000	96	1226	2.00	1.84	
81 Tetrachloroethene	166	5.984	5.978	0.006	94	3191	1.00	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	97	12274	5.00	4.59	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	3198	1.00	0.9189	
84 1,1,2-Trichloroethane	83	6.240	6.234	0.006	95	1870	1.00	0.9823	
85 Ethyl methacrylate	69	6.320	6.308	0.012	93	2437	1.00	0.8121	
86 Chlorodibromomethane	129	6.442	6.436	0.006	96	2297	1.00	0.9442	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	93	3670	1.00	0.9436	
88 Ethylene Dibromide	107	6.698	6.692	0.006	91	2246	1.00	0.9572	
89 n-Butyl acetate	43	7.039	7.033	0.006	92	1626	1.00	0.8734	
90 2-Hexanone	43	7.106	7.106	0.000	98	8134	5.00	4.16	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	392377	50.0	50.0	
92 Chlorobenzene	112	7.411	7.417	-0.006	37	7600	1.00	1.06	
93 Ethylbenzene	106	7.502	7.496	0.006	98	3653	1.00	1.00	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	78	2143	1.00	0.9022	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	95	4381	1.00	0.9746	
96 o-Xylene	106	8.319	8.313	0.006	94	3782	1.00	0.9003	
97 Bromoform	173	8.380	8.380	0.000	73	1696	1.00	0.9337	
98 Styrene	104	8.405	8.399	0.006	97	6200	1.00	0.8705	
99 n-Butyl acrylate	73	8.728	8.722	0.006	94	1181	1.00	0.9299	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	10016	1.00	0.9222	
101 Camphene	41	8.923	8.929	-0.006	93	594	1.00	0.8209	
102 Amyl acetate (mixed isomer	43	9.148	9.136	0.012	86	3371	1.00	0.9210	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	96	148142	50.0	49.5	
104 Bromobenzene	156	9.301	9.301	0.000	88	3641	1.00	1.08	
105 N-Propylbenzene	91	9.447	9.447	0.000	100	12313	1.00	0.9406	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	96	3100	1.00	1.03	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	9135	1.00	0.9663	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	11052	1.00	0.9254	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	96	884	1.00	0.9604	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	94	8901	1.00	0.9306	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	1	818	1.00	0.9202	
112 4-Chlorotoluene	91	9.898	9.898	0.000	96	7992	1.00	0.9245	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	7084	1.00	0.8931	
114 Butyl Methacrylate	87	10.392	10.392	0.000	48	1952	1.00	0.5072	M
115 1,2,4-Trimethylbenzene	105	10.404	10.398	0.006	96	8405	1.00	0.8490	
116 sec-Butylbenzene	105	10.569	10.563	0.006	97	9815	1.00	0.8710	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	92	6600	1.00	1.04	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	97	8077	1.00	0.8368	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	233435	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	93	7406	1.00	1.09	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	93	10140	1.00	0.9401	
122 Benzyl chloride	91	11.422	11.416	0.006	87	5989	1.00	0.9835	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	90	5897	1.00	0.9446	
124 n-Butylbenzene	91	11.502	11.496	0.006	96	8591	1.00	0.9292	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	95	6868	1.00	1.07	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	95	7837	1.00	0.6767	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	86	664	1.00	0.9103	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	94	5463	1.00	1.06	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	4718	1.00	0.9813	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	90	2207	1.00	1.11	
131 Camphor	95	13.526	13.532	-0.006	92	1615	5.00	4.60	
132 Naphthalene	128	13.568	13.562	0.006	99	8937	1.00	0.8296	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	4592	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 135 Xylenes, Total	100				0		2.00	1.87	
S 136 Total BTEX	1				0		5.00	4.91	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	1.00	Units: uL		
MIX I Hi_00045	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00033	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00017	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
14DIOXINTER_00041	Amount Added:	30.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent	

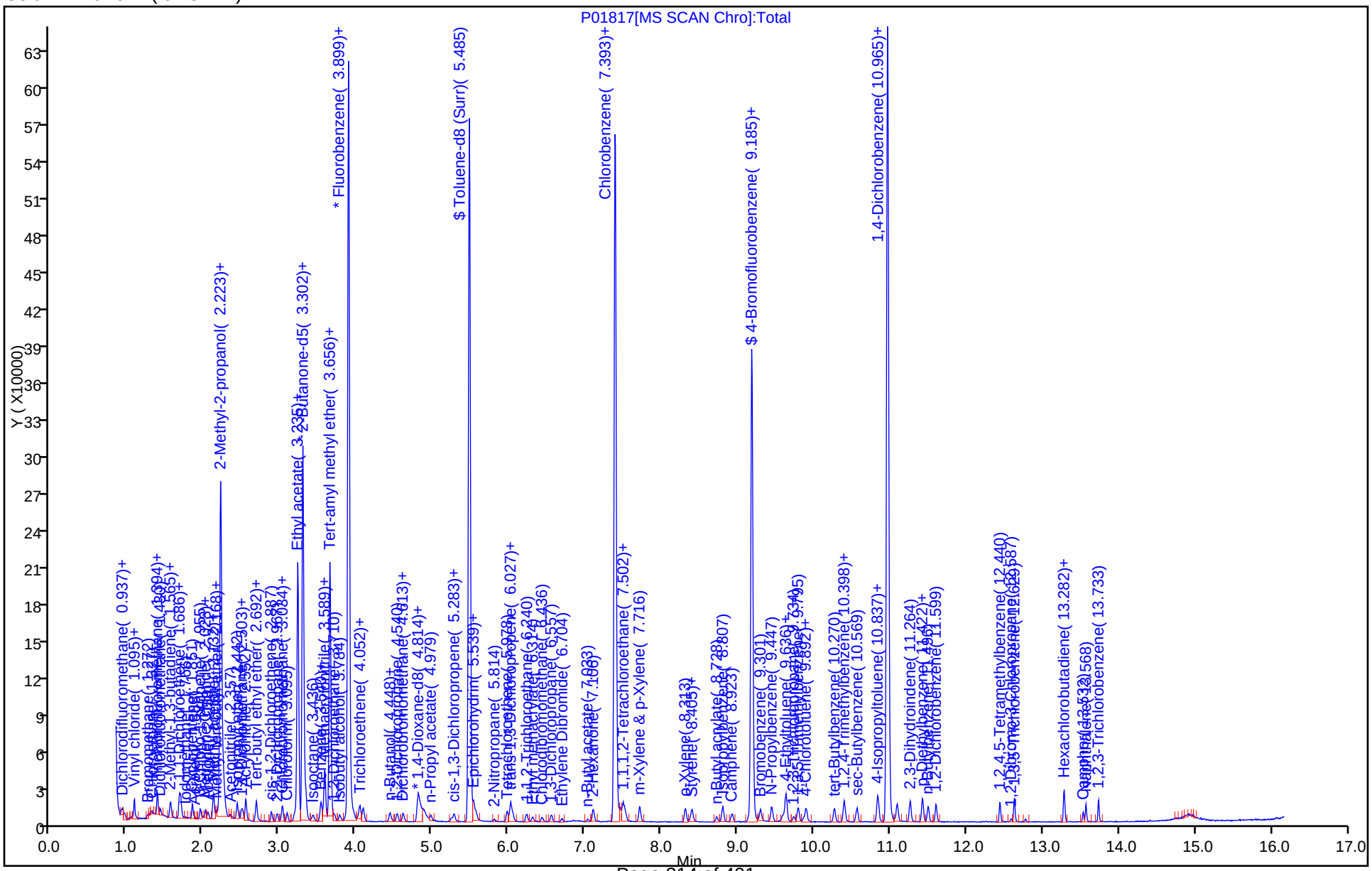
Report Date: 31-Jul-2015 16:27:12 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Injection Date:	29-Jul-2015 20:18:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

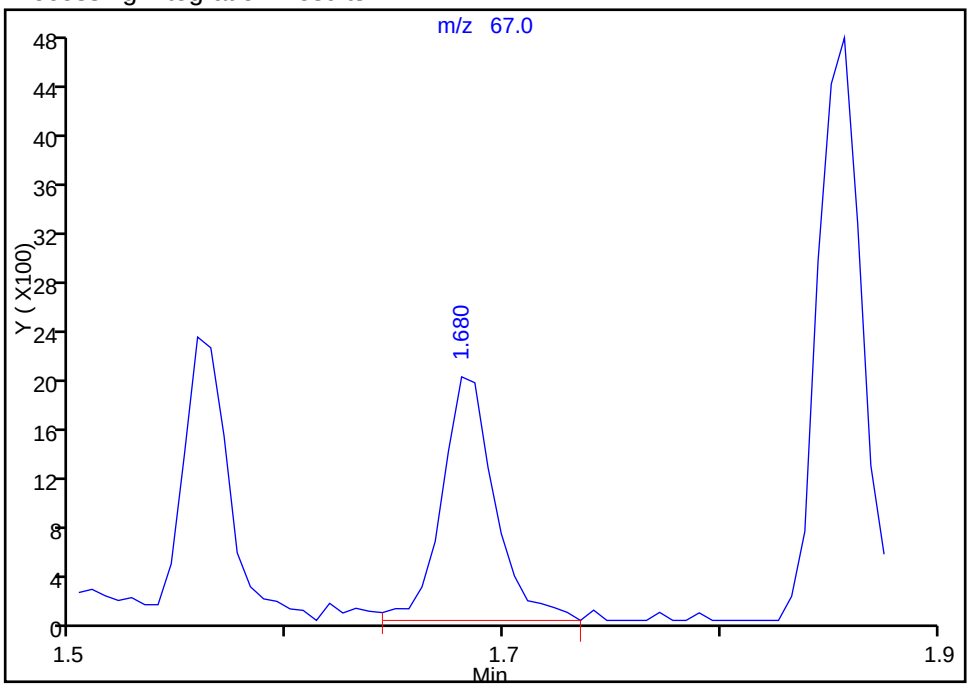
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

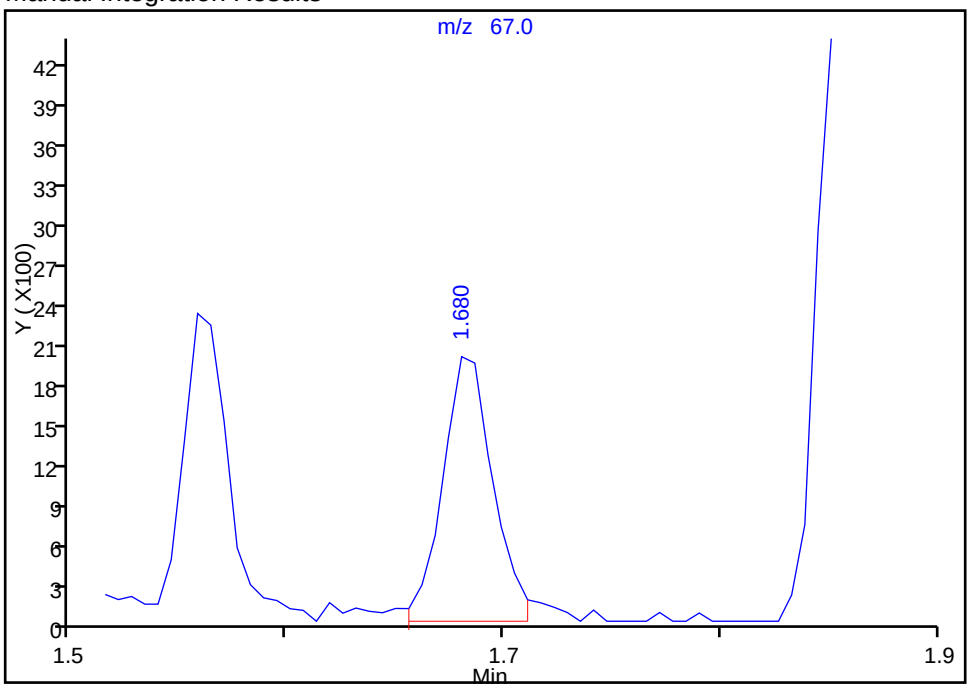
Processing Integration Results

RT: 1.68
Area: 3356
Amount: 1.115984
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 3186
Amount: 1.002970
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:34:13
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

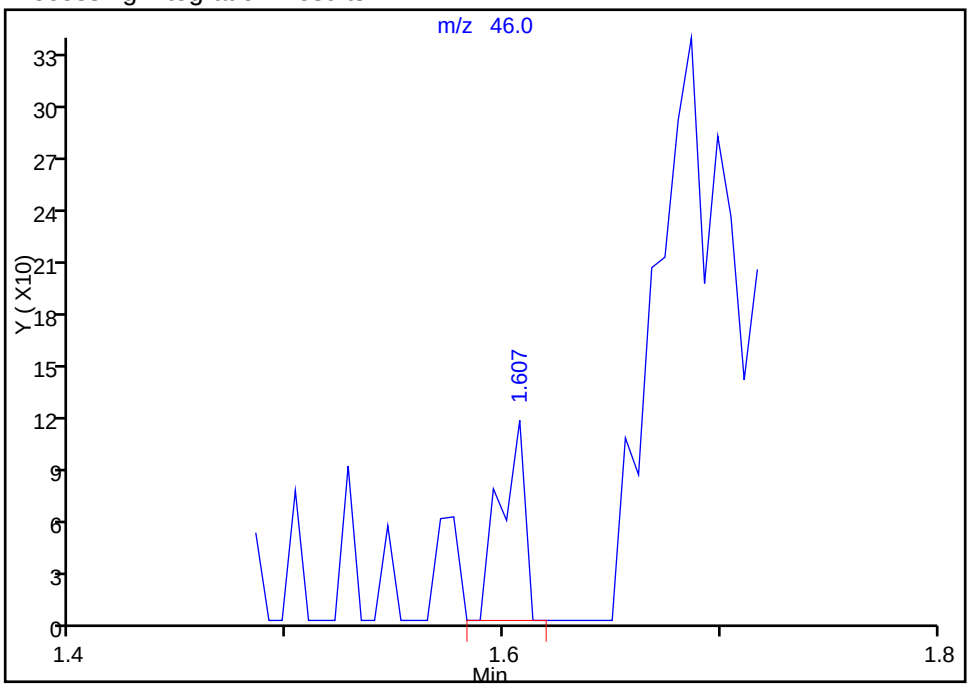
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Ethanol, CAS: 64-17-5

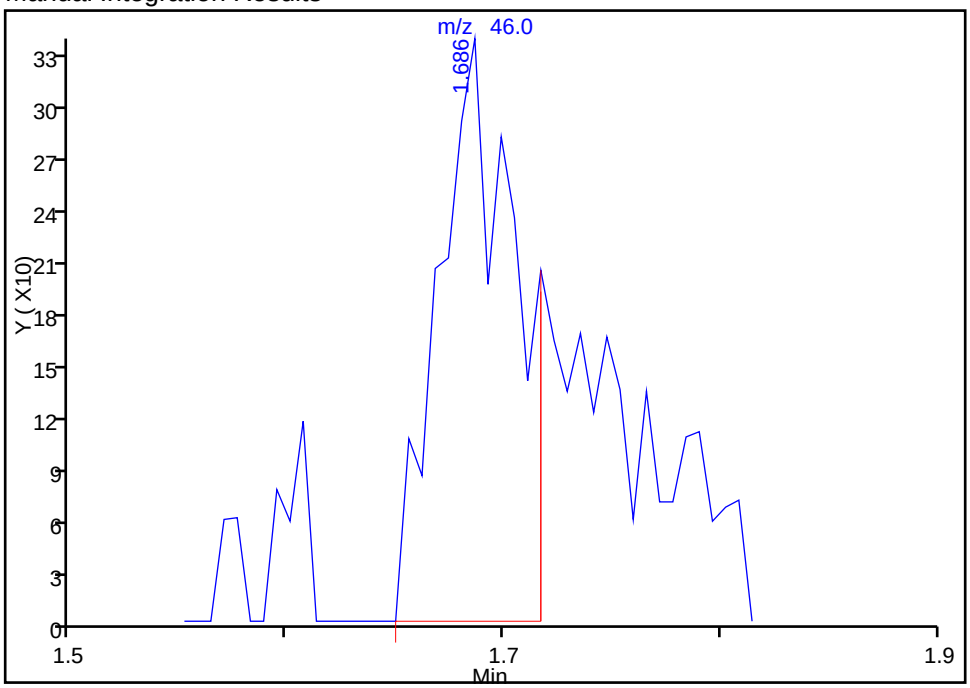
Processing Integration Results

RT: 1.61
Area: 90
Amount: 4.785934
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 822
Amount: 40.824176
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:34:13
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

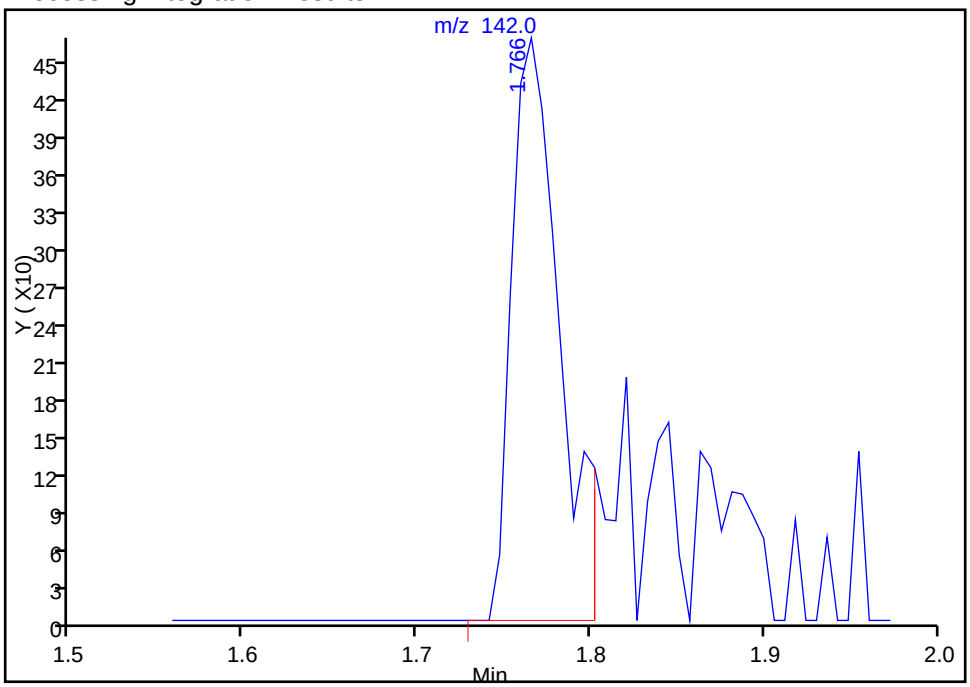
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Iodomethane, CAS: 74-88-4

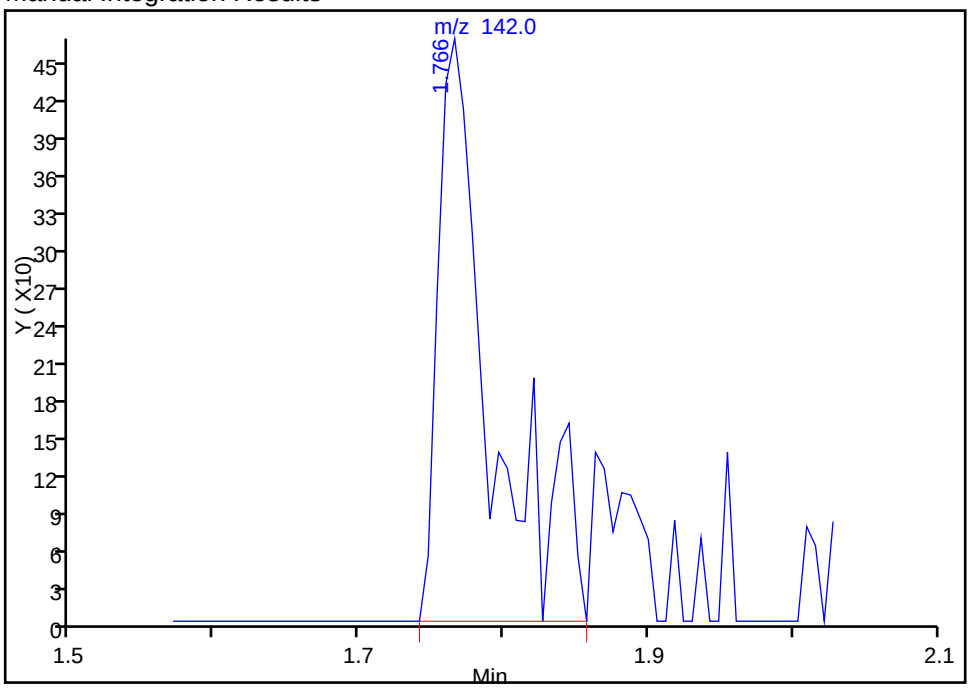
Processing Integration Results

RT: 1.77
Area: 892
Amount: 0.396581
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 1184
Amount: 0.526381
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:35:43
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

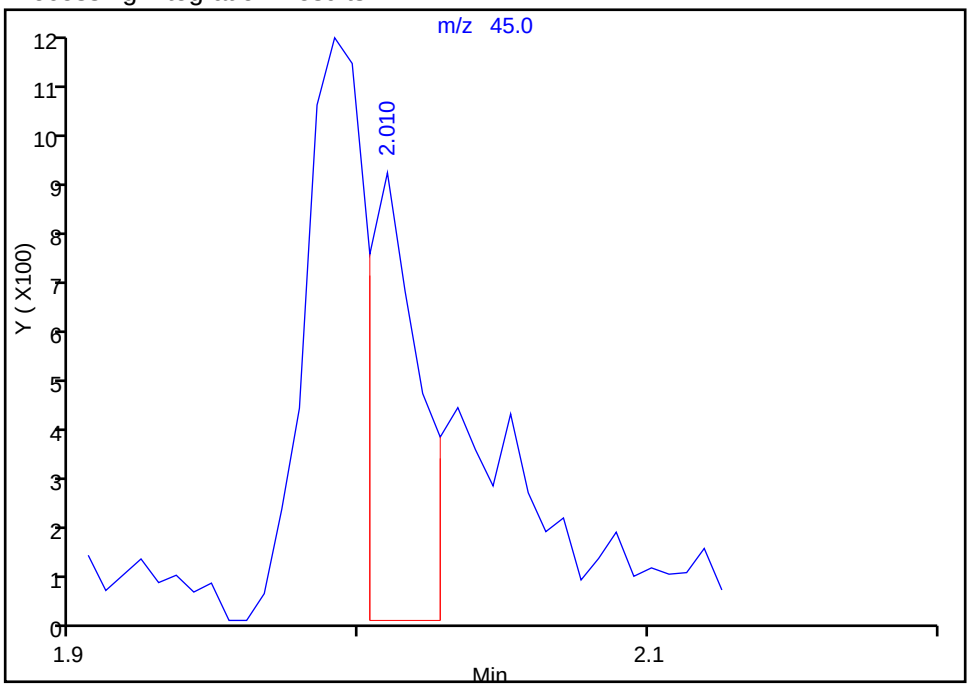
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

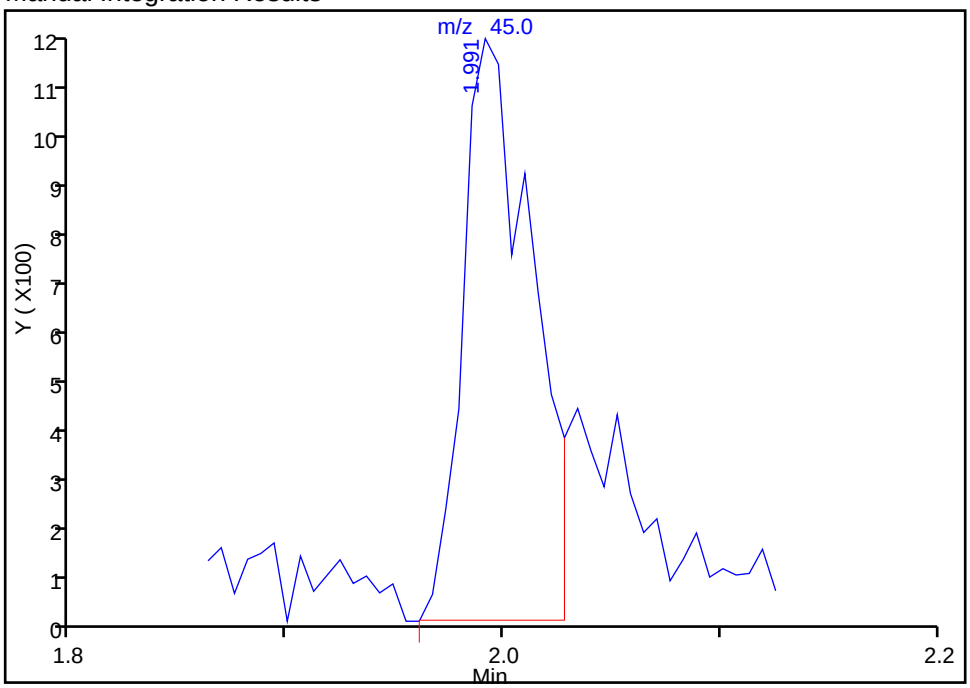
Processing Integration Results

RT: 2.01
Area: 1082
Amount: 4.509440
Amount Units: ug/l



Manual Integration Results

RT: 1.99
Area: 2469
Amount: 9.514099
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:24:46
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

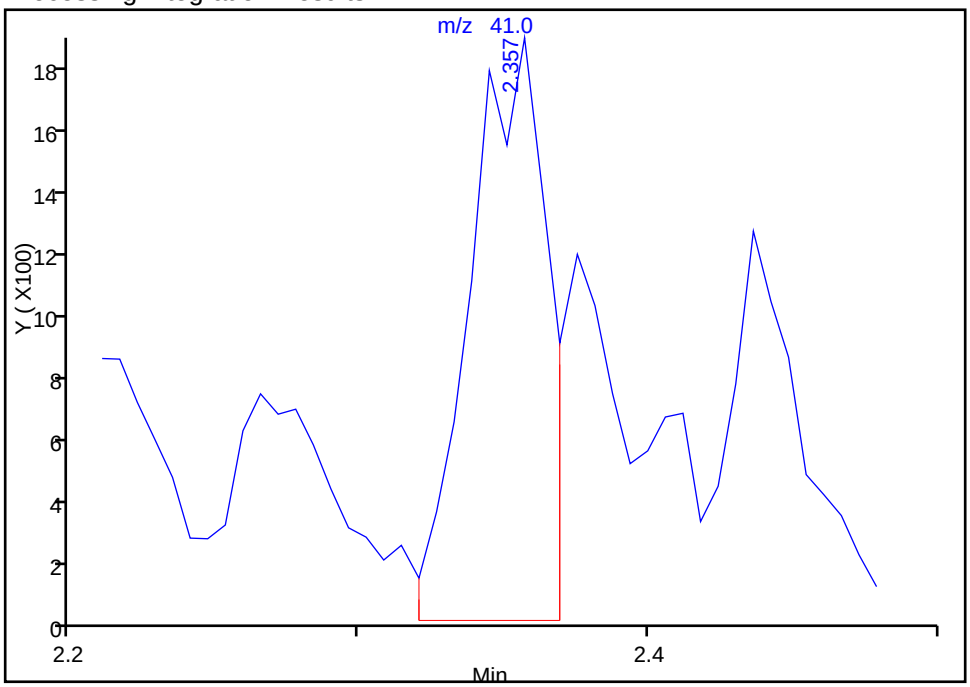
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acetonitrile, CAS: 75-05-8

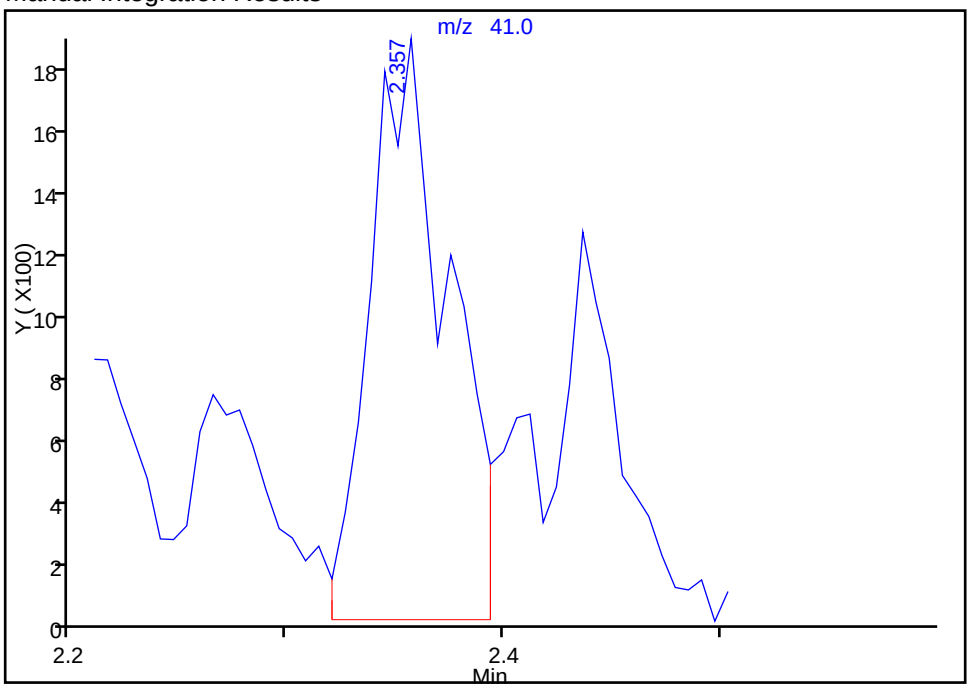
Processing Integration Results

RT: 2.36
Area: 3513
Amount: 7.852623
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 4734
Amount: 10.184823
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:24:46
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

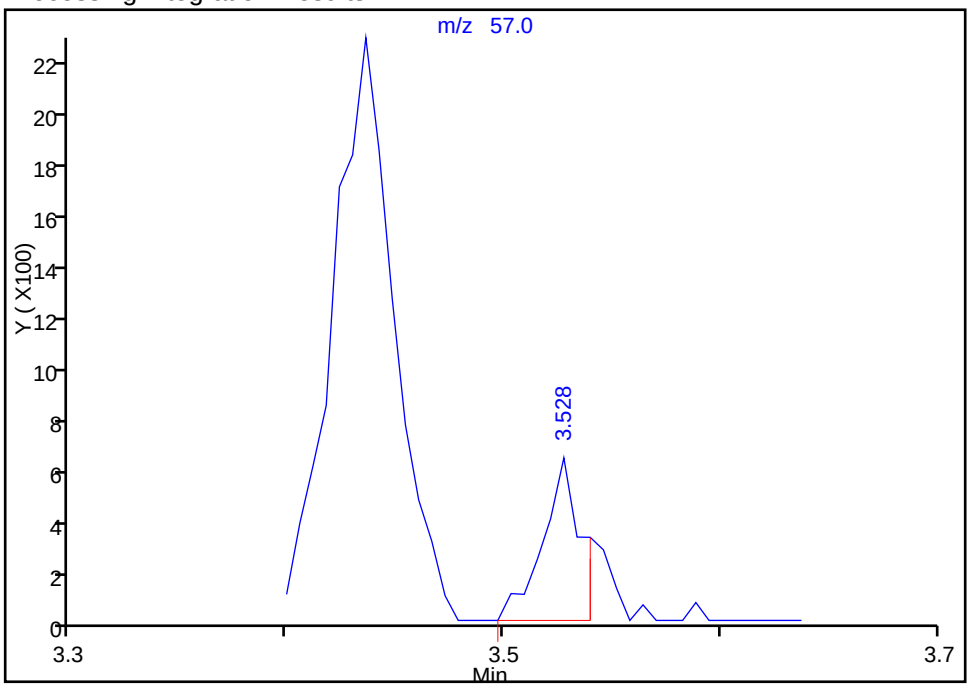
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 n-Heptane, CAS: 142-82-5

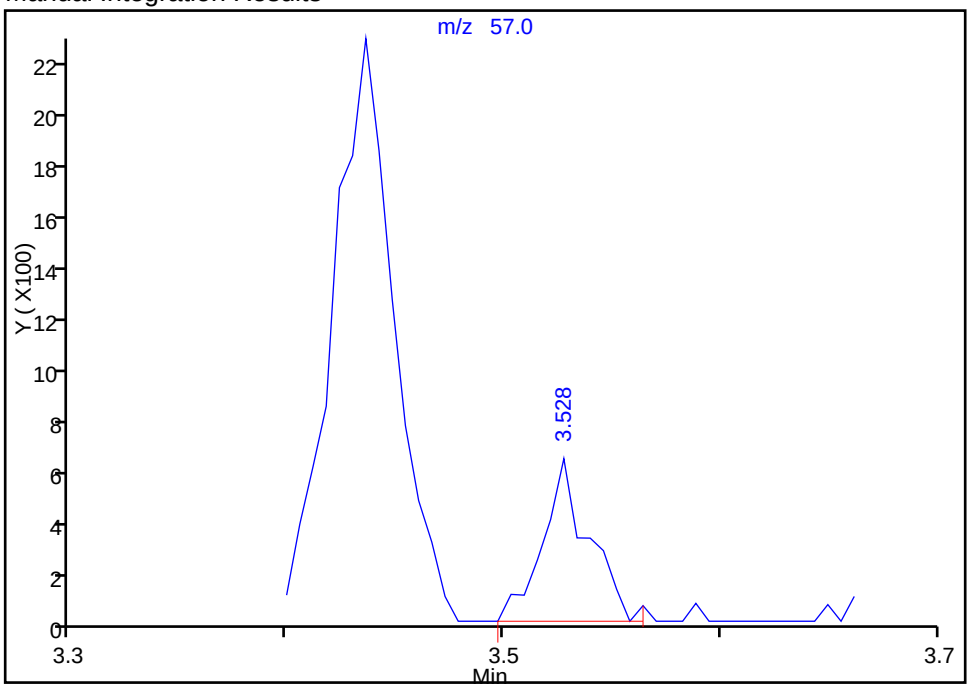
Processing Integration Results

RT: 3.53
Area: 780
Amount: 0.501524
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 949
Amount: 0.610181
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:24:46
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

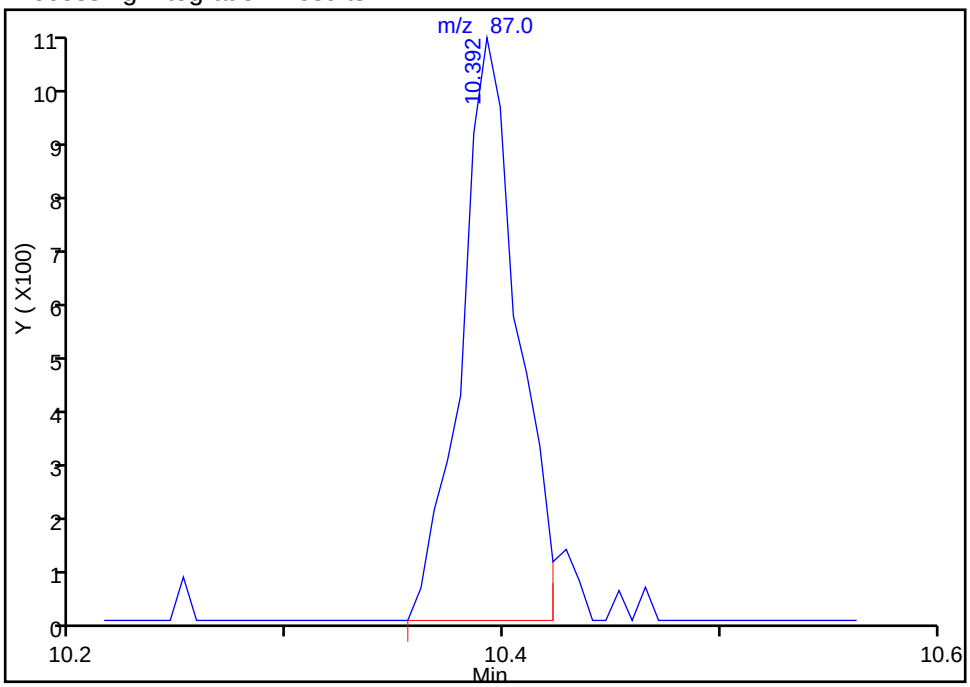
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

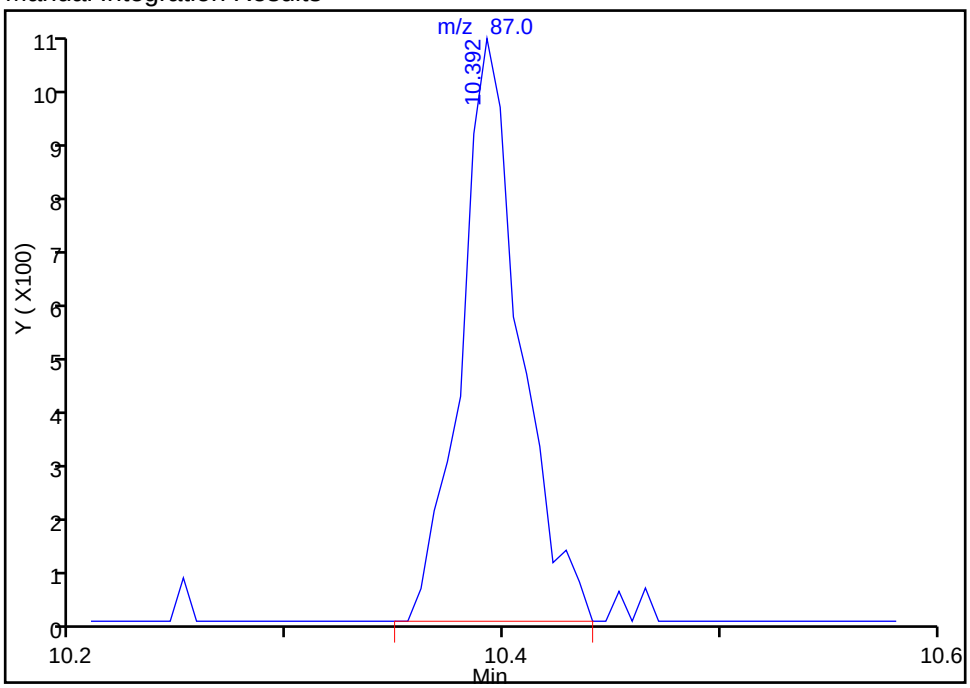
Processing Integration Results

RT: 10.39
Area: 1880
Amount: 0.488482
Amount Units: ug/l



Manual Integration Results

RT: 10.39
Area: 1952
Amount: 0.507193
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:40:15
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313902/2 Calibration Date: 07/31/2015 07:59

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01879.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0218	0.0173		15.9	20.0	-20.6*	20.0
Dichlorodifluoromethane	Ave	0.2481	0.2137	0.1000	17.2	20.0	-13.8	20.0
Vinyl chloride	Ave	0.2924	0.2654	0.1000	18.2	20.0	-9.2	20.0
Butadiene	Ave	0.2549	0.2179		17.1	20.0	-14.5	20.0
Chloromethane	Ave	0.4062	0.3225	0.1000	15.9	20.0	-20.6*	20.0
Bromomethane	Qua2		1.496	0.1000	13.7	20.0	-31.3	50.0
Chloroethane	Ave	0.1659	0.1710	0.1000	20.6	20.0	3.1	50.0
Pentane	Ave	1.052	1.205		45.8	40.0	14.5	20.0
Trichlorofluoromethane	Ave	0.3822	0.3924	0.1000	20.5	20.0	2.7	20.0
Dichlorofluoromethane	Ave	0.4839	0.4538		18.8	20.0	-6.2	20.0
2-Methyl-1,3-butadiene	Ave	0.3221	0.3662		22.7	20.0	13.7	20.0
Ethyl ether	Ave	0.2298	0.2218		19.3	20.0	-3.5	20.0
Ethanol	Ave	0.0618	0.0583		755	800	-5.7	50.0
1,1-Dichloroethene	Ave	0.2244	0.2203	0.1000	19.6	20.0	-1.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2989	0.2920		19.5	20.0	-2.3	20.0
Carbon disulfide	Ave	0.8641	0.7849	0.1000	18.2	20.0	-9.2	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1804	0.2339	0.1000	25.9	20.0	29.7*	20.0
Iodomethane	QuaF		0.0558		5.27	20.0	-73.7*	20.0
Cyclopentene	Ave	0.6401	0.6648		20.8	20.0	3.9	20.0
Acrolein	Ave	0.3375	0.2926		34.7	40.0	-13.3	50.0
Allyl chloride	Ave	0.1328	0.1361		20.5	20.0	2.5	20.0
Isopropyl alcohol	Ave	0.7960	0.7041		177	200	-11.5	50.0
Methylene Chloride	Ave	0.2645	0.2610	0.1000	19.7	20.0	-1.3	20.0
Acetone	QuaF		0.6841	0.0500	61.3	100	-38.7	50.0
trans-1,2-Dichloroethene	Ave	0.2636	0.2517	0.1000	19.1	20.0	-4.5	20.0
Methyl acetate	Ave	0.3724	0.4070	0.1000	109	100	9.3	20.0
Hexane	QuaF		0.5310		22.4	20.0	12.0	20.0
Methyl tert-butyl ether	Ave	0.7739	0.7698	0.1000	19.9	20.0	-0.5	20.0
2-Methyl-2-propanol	Qua		1.134		195	200	-2.5	50.0
Acetonitrile	Ave	1.426	1.259		177	200	-11.7	20.0
Isopropyl ether	Ave	0.9442	0.8682		18.4	20.0	-8.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2090	0.2217		21.2	20.0	6.1	20.0
1,1-Dichloroethane	Ave	0.4826	0.4694	0.2000	19.4	20.0	-2.8	20.0
Acrylonitrile	Ave	0.1161	0.1197		206	200	3.1	20.0
Allyl alcohol	Ave	0.4828	0.4679		485	500	-3.1	50.0
Tert-butyl ethyl ether	Ave	0.8344	0.7657		18.4	20.0	-8.2	20.0
Vinyl acetate	Ave	0.3363	0.1316		15.7	40.0	-60.9*	20.0
cis-1,2-Dichloroethene	Ave	0.2643	0.2578	0.1000	19.5	20.0	-2.5	20.0
2,2-Dichloropropane	Ave	0.3423	0.3484		20.4	20.0	1.8	20.0
Cyclohexane	Ave	0.3280	0.4209	0.1000	25.7	20.0	28.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313902/2 Calibration Date: 07/31/2015 07:59

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01879.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1337	0.1332		19.9	20.0	-0.4	20.0
Chloroform	Ave	0.4169	0.4163	0.2000	20.0	20.0	-0.1	20.0
Carbon tetrachloride	Ave	0.2782	0.3014	0.1000	21.7	20.0	8.3	20.0
Methyl acrylate	Ave	0.2535	0.2609		20.6	20.0	2.9	20.0
Tetrahydrofuran	Ave	0.8765	0.8993		41.0	40.0	2.6	20.0
1,1,1-Trichloroethane	Ave	0.3471	0.3528	0.1000	20.3	20.0	1.6	20.0
1,1-Dichloropropene	Ave	0.3267	0.3220		19.7	20.0	-1.4	20.0
2-Butanone (MEK)	Ave	0.3106	0.2720	0.0500	87.6	100	-12.4	50.0
Ethyl acetate	Ave	1.089	2.681		98.4	40.0	146.1*	20.0
2,2,4-Trimethylpentane	Ave	0.5114	0.6877		26.9	20.0	34.5*	20.0
n-Heptane	QuaF		0.1638		22.4	20.0	11.8	20.0
Benzene	Ave	1.348	1.326	0.5000	19.7	20.0	-1.6	20.0
Propionitrile	Ave	1.487	1.295		174	200	-12.9	20.0
Methacrylonitrile	Ave	0.1167	0.1221		209	200	4.6	20.0
Tert-amyl methyl ether	Ave	0.7308	0.6820		18.7	20.0	-6.7	20.0
1,2-Dichloroethane	Ave	0.3538	0.3267	0.1000	18.5	20.0	-7.7	20.0
Isobutyl alcohol	Ave	0.4459	0.4193		470	500	-6.0	50.0
2,4,4-Trimethyl-1-pentene	QuaF		0.6449		46.7	40.0	16.7	20.0
Isopropyl acetate	Ave	0.5215	0.5412		20.8	20.0	3.8	20.0
Methylcyclohexane	QuaF		0.4196	0.1000	24.8	20.0	24.2	50.0
Trichloroethene	Ave	0.2656	0.2658	0.2000	20.0	20.0	0.0	20.0
Dibromomethane	Ave	0.1511	0.1544		20.4	20.0	2.2	20.0
n-Butanol	Qua2		0.2457		460	500	-8.0	50.0
1,2-Dichloropropane	Ave	0.2560	0.2438	0.1000	19.0	20.0	-4.8	20.0
Ethyl acrylate	Ave	0.3150	0.3404		21.6	20.0	8.1	20.0
Dichlorobromomethane	Ave	0.3116	0.3109	0.2000	20.0	20.0	-0.2	20.0
Methyl methacrylate	Ave	0.0709	0.0768		43.3	40.0	8.3	20.0
1,4-Dioxane	Ave	1.086	0.8841		326	400	-18.6	50.0
n-Propyl acetate	Ave	0.3916	0.3951		20.2	20.0	0.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1472	0.1520		20.7	20.0	3.3	20.0
cis-1,3-Dichloropropene	Ave	0.4930	0.4918	0.2000	20.0	20.0	-0.2	50.0
Toluene	Ave	1.388	1.399	0.4000	20.2	20.0	0.8	20.0
Epichlorohydrin	Ave	0.2067	0.2078		402	400	0.5	20.0
2-Nitropropane	Ave	0.0625	0.0604		38.6	40.0	-3.5	20.0
Tetrachloroethene	Ave	0.3637	0.3896	0.2000	21.4	20.0	7.1	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.998	2.023	0.0500	101	100	1.2	50.0
trans-1,3-Dichloropropene	Ave	0.4435	0.4437	0.1000	20.0	20.0	0.0	50.0
1,1,2-Trichloroethane	Ave	0.2426	0.2448	0.1000	20.2	20.0	0.9	20.0
Ethyl methacrylate	Ave	0.2823	0.2970		21.0	20.0	5.2	20.0
Chlorodibromomethane	Ave	0.3100	0.3178	0.1000	20.5	20.0	2.5	50.0
1,3-Dichloropropane	Ave	0.4956	0.5014		20.2	20.0	1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313902/2 Calibration Date: 07/31/2015 07:59

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01879.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.2990	0.3027	0.1000	20.2	20.0	1.2	20.0
n-Butyl acetate	Ave	0.2372	0.4055		34.2	20.0	70.9*	20.0
2-Hexanone	Ave	1.460	1.426	0.0500	97.7	100	-2.3	50.0
Chlorobenzene	Ave	0.9173	0.9160	0.5000	20.0	20.0	-0.1	20.0
Ethylbenzene	Ave	0.4675	0.4782	0.1000	20.5	20.0	2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3027	0.3021		20.0	20.0	-0.2	20.0
m-Xylene & p-Xylene	Ave	0.5728	0.5897	0.1000	20.6	20.0	3.0	20.0
o-Xylene	Ave	0.5353	0.5535	0.3000	20.7	20.0	3.4	20.0
Bromoform	Ave	0.2315	0.2269	0.1000	19.6	20.0	-2.0	20.0
Styrene	Ave	0.9076	0.9514	0.3000	21.0	20.0	4.8	20.0
n-Butyl acrylate	Qua2		0.2170		19.6	20.0	-2.0	20.0
Isopropylbenzene	Ave	1.384	1.547	0.1000	22.4	20.0	11.8	20.0
Camphene	Ave	0.0922	0.1147		24.9	20.0	24.4*	20.0
Amyl acetate (mixed isomers)	Qua2		0.9701		19.4	20.0	-3.0	20.0
Bromobenzene	Ave	0.7251	0.7154		19.7	20.0	-1.3	20.0
N-Propylbenzene	Ave	2.804	2.984		21.3	20.0	6.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6429	0.6629	0.3000	20.6	20.0	3.1	20.0
2-Chlorotoluene	Ave	2.025	2.056		20.3	20.0	1.6	20.0
4-Ethyltoluene	Ave	2.558	2.683		21.0	20.0	4.9	20.0
1,2,3-Trichloropropane	Ave	0.1971	0.2039		20.7	20.0	3.4	20.0
1,3,5-Trimethylbenzene	Ave	2.049	2.198		21.5	20.0	7.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1904	0.1997		21.0	20.0	4.9	20.0
4-Chlorotoluene	Ave	1.852	1.914		20.7	20.0	3.4	20.0
tert-Butylbenzene	Ave	1.699	1.810		21.3	20.0	6.5	20.0
Butyl Methacrylate	QuaF		0.6635		16.1	20.0	-19.6	20.0
1,2,4-Trimethylbenzene	Ave	2.120	2.332		22.0	20.0	10.0	20.0
sec-Butylbenzene	Ave	2.414	2.728		22.6	20.0	13.0	20.0
1,3-Dichlorobenzene	Ave	1.359	1.405	0.6000	20.7	20.0	3.4	20.0
4-Isopropyltoluene	Ave	2.067	2.447		23.7	20.0	18.3	20.0
1,4-Dichlorobenzene	Ave	1.452	1.440	0.5000	19.8	20.0	-0.8	20.0
Indan	Ave	2.310	2.406		20.8	20.0	4.1	20.0
Benzyl chloride	Qua2		1.678		21.0	20.0	4.9	50.0
p-Diethylbenzene	Ave	1.337	1.475		22.1	20.0	10.3	20.0
n-Butylbenzene	Ave	1.980	2.223		22.4	20.0	12.2	20.0
1,2-Dichlorobenzene	Ave	1.377	1.367	0.4000	19.9	20.0	-0.7	20.0
1,2,4,5-Tetramethylbenzene	QuaF		2.125		17.1	20.0	-14.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1562	0.1639	0.0500	21.0	20.0	4.9	50.0
1,3,5-Trichlorobenzene	Ave	1.104	1.148		20.8	20.0	4.0	20.0
1,2,4-Trichlorobenzene	Ave	1.030	1.038	0.2000	20.2	20.0	0.8	20.0
Hexachlorobutadiene	Ave	0.4255	0.4420		20.8	20.0	3.9	20.0
Camphor	Ave	0.0752	0.0703		93.5	100	-6.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313902/2 Calibration Date: 07/31/2015 07:59

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01879.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.307	2.516		21.8	20.0	9.0	50.0
1,2,3-Trichlorobenzene	Ave	0.9659	0.9796		20.3	20.0	1.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2067	0.1990		48.1	50.0	-3.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2494	0.2344		47.0	50.0	-6.0	20.0
Toluene-d8 (Surr)	Ave	1.072	1.057		49.3	50.0	-1.4	20.0
4-Bromofluorobenzene	Ave	0.3812	0.4034		52.9	50.0	5.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01879.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 31-Jul-2015 07:59:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030277-002
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 20:14:47 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: starzecm Date: 31-Jul-2015 20:14:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	3423	20.0	15.9	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	42339	20.0	17.2	
3 Vinyl chloride	62	1.089	1.089	0.000	97	52568	20.0	18.2	
4 Chloromethane	50	1.095	1.095	0.000	88	63885	20.0	15.9	
5 Butadiene	54	1.095	1.095	0.000	95	43163	20.0	17.1	
6 Bromomethane	94	1.260	1.260	0.000	99	10509	20.0	13.7	
7 Chloroethane	64	1.327	1.327	0.000	99	33882	20.0	20.6	
8 Pentane	72	1.394	1.394	0.000	96	16933	40.0	45.8	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	77731	20.0	20.5	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	89886	20.0	18.8	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	72532	20.0	22.7	
12 Ethyl ether	59	1.577	1.577	0.000	94	43940	20.0	19.3	
13 Ethanol	46	1.674	1.674	0.000	36	16366	800.0	754.5	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	98	43635	20.0	19.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	85	57833	20.0	19.5	
16 Carbon disulfide	76	1.699	1.699	0.000	100	155481	20.0	18.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	92	46329	20.0	25.9	
18 Iodomethane	142	1.766	1.766	0.000	99	11056	20.0	5.27	
19 Cyclopentene	67	1.857	1.857	0.000	97	131692	20.0	20.8	
20 Acrolein	56	1.882	1.882	0.000	89	4111	40.0	34.7	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	26967	20.0	20.5	
22 Isopropyl alcohol	45	1.997	1.997	0.000	99	49462	200.0	176.9	
23 Methylene Chloride	84	2.028	2.028	0.000	94	51707	20.0	19.7	
24 Acetone	43	2.064	2.064	0.000	86	94083	100.0	61.3	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	49857	20.0	19.1	
26 Methyl acetate	43	2.138	2.138	0.000	100	403156	100.0	109.3	
27 Hexane	57	2.168	2.168	0.000	91	105191	20.0	22.4	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	96	152486	20.0	19.9	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	100	351230	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	79652	200.0	194.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	88429	200.0	176.6	
32 Isopropyl ether	45	2.442	2.442	0.000	96	171980	20.0	18.4	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	91	43922	20.0	21.2	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	92975	20.0	19.4	
35 Acrylonitrile	53	2.558	2.558	0.000	94	237070	200.0	206.2	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	90	151672	20.0	18.4	
38 Allyl alcohol	57	2.692	2.692	0.000	80	82166	500.0	484.5	
37 Vinyl acetate	43	2.699	2.699	0.000	99	52140	40.0	15.7	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	51065	20.0	19.5	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	69008	20.0	20.4	
41 Cyclohexane	56	3.034	3.034	0.000	92	83366	20.0	25.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	87	26383	20.0	19.9	
43 Chloroform	83	3.101	3.101	0.000	99	82473	20.0	20.0	
44 Carbon tetrachloride	117	3.192	3.192	0.000	97	59694	20.0	21.7	
46 Methyl acrylate	55	3.205	3.205	0.000	68	51672	20.0	20.6	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	49474	40.0	41.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	98563	50.0	48.1	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	69888	20.0	20.3	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	343831	250.0	250.0	
45 Ethyl acetate	43	3.345	3.345	0.000	91	147472	40.0	98.4	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	37402	100.0	87.6	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	70	63787	20.0	19.7	
52 Isooctane	57	3.436	3.436	0.000	99	136216	20.0	26.9	
53 n-Heptane	57	3.534	3.534	0.000	94	32443	20.0	22.4	
54 Benzene	78	3.546	3.546	0.000	96	199245	20.0	19.7	
55 Propionitrile	54	3.576	3.576	0.000	98	90996	200.0	174.2	
56 Methacrylonitrile	67	3.589	3.589	0.000	93	241792	200.0	209.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	116070	50.0	47.0	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	135105	20.0	18.7	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	64722	20.0	18.5	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	73642	500.0	470.2	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	495223	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	94	255507	40.0	46.7	
62 Isopropyl acetate	43	3.973	3.973	0.000	97	107198	20.0	20.8	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	83115	20.0	24.8	
64 Trichloroethene	130	4.052	4.052	0.000	95	52661	20.0	20.0	
66 n-Butanol	56	4.442	4.442	0.000	71	43142	500.0	460.1	
67 Dibromomethane	93	4.442	4.442	0.000	93	30584	20.0	20.4	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	88	48293	20.0	19.0	
69 Ethyl acrylate	55	4.613	4.613	0.000	97	67426	20.0	21.6	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	61594	20.0	20.0	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	30408	40.0	43.3	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	71	37293	1000.0	1000.0	
73 1,4-Dioxane	88	4.857	4.857	0.000	61	13188	400.0	325.8	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	78264	20.0	20.2	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	96	30114	20.0	20.7	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	73884	20.0	20.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	397140	50.0	49.3	
78 Toluene	91	5.539	5.539	0.000	96	210192	20.0	20.2	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	114299	400.0	402.1	
80 2-Nitropropane	41	5.808	5.808	0.000	99	23919	40.0	38.6	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	58524	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	278194	100.0	101.2	
83 trans-1,3-Dichloropropene	75	6.052	6.052	0.000	99	66652	20.0	20.0	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	36777	20.0	20.2	
85 Ethyl methacrylate	69	6.314	6.314	0.000	91	58830	20.0	21.0	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	47738	20.0	20.5	
87 1,3-Dichloropropane	76	6.558	6.558	0.000	96	75321	20.0	20.2	
88 Ethylene Dibromide	107	6.698	6.698	0.000	99	45480	20.0	20.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	60923	20.0	34.2	
90 2-Hexanone	43	7.106	7.106	0.000	97	196168	100.0	97.7	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	375588	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	97	137611	20.0	20.0	
93 Ethylbenzene	106	7.496	7.496	0.000	98	71842	20.0	20.5	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.527	0.000	95	45390	20.0	20.0	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	88595	20.0	20.6	
96 o-Xylene	106	8.313	8.313	0.000	95	83159	20.0	20.7	
97 Bromoform	173	8.380	8.380	0.000	95	34084	20.0	19.6	
98 Styrene	104	8.399	8.399	0.000	96	142934	20.0	21.0	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	32597	20.0	19.6	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	232452	20.0	22.4	
101 Camphene	41	8.923	8.923	0.000	95	17227	20.0	24.9	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	87648	20.0	19.4	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	97	151529	50.0	52.9	
104 Bromobenzene	156	9.301	9.301	0.000	93	64632	20.0	19.7	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	269595	20.0	21.3	
106 1,1,2,2-Tetrachloroethane	83	9.594	9.594	0.000	98	59893	20.0	20.6	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	185791	20.0	20.3	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	242361	20.0	21.0	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	98	18425	20.0	20.7	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	198557	20.0	21.5	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	87	18043	20.0	21.0	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	172903	20.0	20.7	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	163486	20.0	21.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	59947	20.0	16.1	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	210662	20.0	22.0	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	246424	20.0	22.6	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	126904	20.0	20.7	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	221043	20.0	23.7	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	93	225870	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	96	130123	20.0	19.8	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	217352	20.0	20.8	
122 Benzyl chloride	91	11.416	11.416	0.000	98	151633	20.0	21.0	
123 p-Diethylbenzene	119	11.429	11.429	0.000	95	133289	20.0	22.1	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	200803	20.0	22.4	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	123538	20.0	19.9	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.441	0.000	98	191982	20.0	17.1	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	14810	20.0	21.0	
128 1,3,5-Trichlorobenzene	180	12.623	12.623	0.000	97	103762	20.0	20.8	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	93766	20.0	20.2	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	39936	20.0	20.8	
131 Camphor	95	13.532	13.532	0.000	92	31764	100.0	93.5	
132 Naphthalene	128	13.562	13.562	0.000	99	227285	20.0	21.8	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	88506	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.6	
S 135 Xylenes, Total	100				0		40.0	41.3	
S 136 Total BTEX	1				0		100.0	101.6	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00112	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 20:14:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01879.D

Injection Date: 31-Jul-2015 07:59:30 Instrument ID: CVOAMS13 Operator ID:

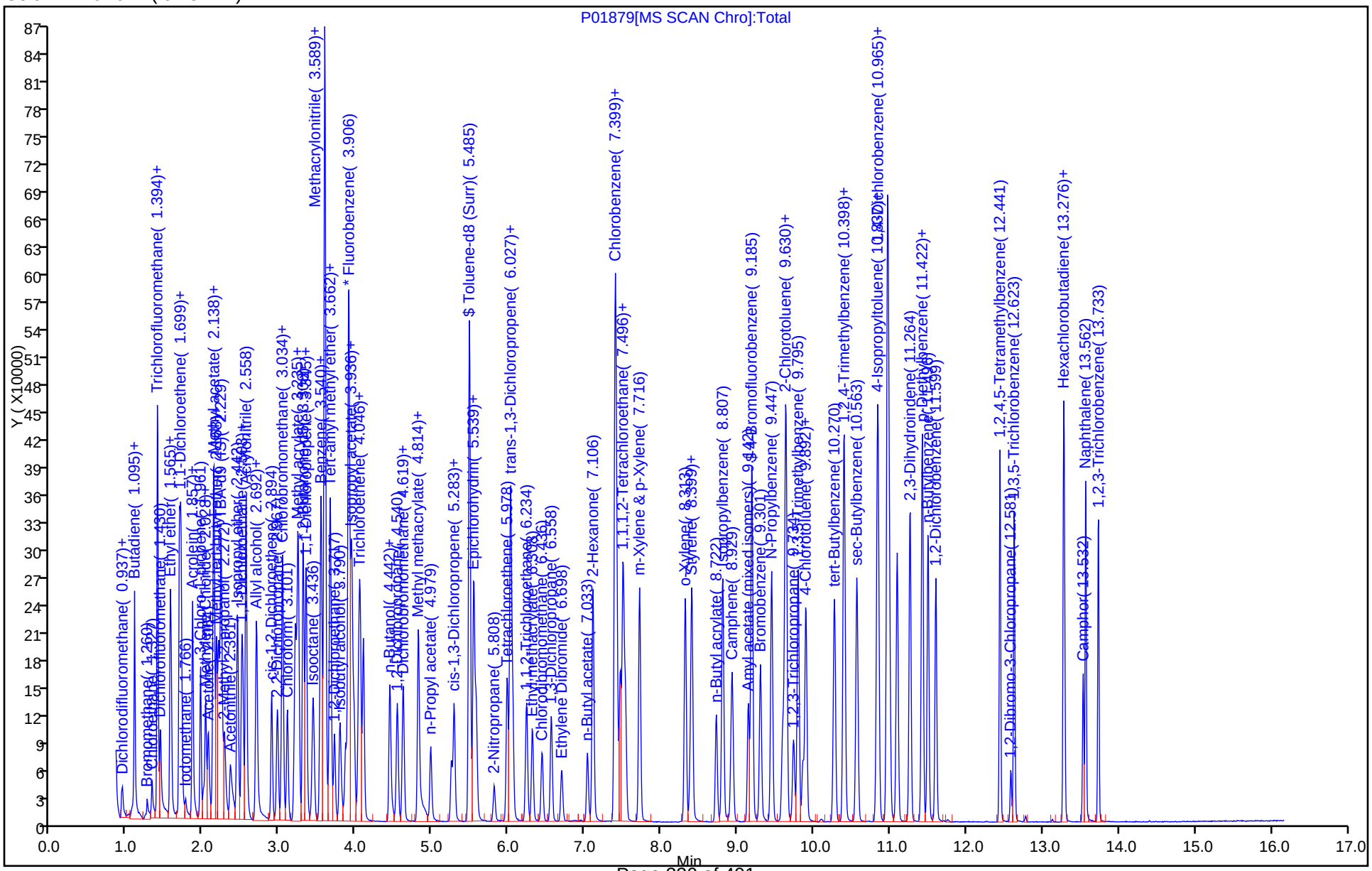
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313995/3 Calibration Date: 07/31/2015 20:16

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0218	0.0290		26.7	20.0	33.3*	20.0
Dichlorodifluoromethane	Ave	0.2481	0.2022	0.1000	16.3	20.0	-18.5	20.0
Vinyl chloride	Ave	0.2924	0.2472	0.1000	16.9	20.0	-15.5	20.0
Butadiene	Ave	0.2549	0.2087		16.4	20.0	-18.1	20.0
Chloromethane	Ave	0.4062	0.3067	0.1000	15.1	20.0	-24.5*	20.0
Bromomethane	Qua2		2.862	0.1000	25.5	20.0	27.7	50.0
Chloroethane	Ave	0.1659	0.1760	0.1000	21.2	20.0	6.1	50.0
Pentane	Ave	1.052	1.391		52.9	40.0	32.2*	20.0
Trichlorofluoromethane	Ave	0.3822	0.3784	0.1000	19.8	20.0	-1.0	20.0
Dichlorofluoromethane	Ave	0.4839	0.4975		20.6	20.0	2.8	20.0
2-Methyl-1,3-butadiene	Ave	0.3221	0.3198		19.9	20.0	-0.7	20.0
Ethyl ether	Ave	0.2298	0.2245		19.5	20.0	-2.3	20.0
Ethanol	Ave	0.0618	0.0618		800	800	0.0	50.0
1,1-Dichloroethene	Ave	0.2244	0.2072	0.1000	18.5	20.0	-7.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2989	0.2570		17.2	20.0	-14.0	20.0
Carbon disulfide	Ave	0.8641	0.7409	0.1000	17.1	20.0	-14.3	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1804	0.2159	0.1000	23.9	20.0	19.7	20.0
Iodomethane	QuaF		0.1506		14.2	20.0	-29.2*	20.0
Cyclopentene	Ave	0.6401	0.6002		18.8	20.0	-6.2	20.0
Acrolein	Ave	0.3375	0.3284		38.9	40.0	-2.7	50.0
Allyl chloride	Ave	0.1328	0.1348		20.3	20.0	1.5	20.0
Isopropyl alcohol	Ave	0.7960	0.7179		180	200	-9.8	50.0
Methylene Chloride	Ave	0.2645	0.2544	0.1000	19.2	20.0	-3.8	20.0
Acetone	QuaF		0.7386	0.0500	66.2	100	-33.8	50.0
trans-1,2-Dichloroethene	Ave	0.2636	0.2463	0.1000	18.7	20.0	-6.6	20.0
Methyl acetate	Ave	0.3724	0.3071	0.1000	82.5	100	-17.5	20.0
Hexane	QuaF		0.5047		21.3	20.0	6.4	20.0
Methyl tert-butyl ether	Ave	0.7739	0.7757	0.1000	20.0	20.0	0.2	20.0
2-Methyl-2-propanol	Qua		1.193		206	200	3.1	50.0
Acetonitrile	Ave	1.426	1.361		191	200	-4.5	20.0
Isopropyl ether	Ave	0.9442	0.8817		18.7	20.0	-6.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2090	0.2020		19.3	20.0	-3.3	20.0
1,1-Dichloroethane	Ave	0.4826	0.4523	0.2000	18.7	20.0	-6.3	20.0
Acrylonitrile	Ave	0.1161	0.1108		191	200	-4.6	20.0
Allyl alcohol	Ave	0.4828	0.5365		556	500	11.1	50.0
Tert-butyl ethyl ether	Ave	0.8344	0.7849		18.8	20.0	-5.9	20.0
Vinyl acetate	Ave	0.3363	0.1296		15.4	40.0	-61.5*	20.0
cis-1,2-Dichloroethene	Ave	0.2643	0.2602	0.1000	19.7	20.0	-1.5	20.0
2,2-Dichloropropane	Ave	0.3423	0.3282		19.2	20.0	-4.1	20.0
Cyclohexane	Ave	0.3280	0.3698	0.1000	22.5	20.0	12.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313995/3 Calibration Date: 07/31/2015 20:16

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1337	0.1360		20.3	20.0	1.7	20.0
Chloroform	Ave	0.4169	0.4081	0.2000	19.6	20.0	-2.1	20.0
Carbon tetrachloride	Ave	0.2782	0.2707	0.1000	19.5	20.0	-2.7	20.0
Ethyl acetate	Ave	1.089	1.855		68.1	40.0	70.2*	20.0
Methyl acrylate	Ave	0.2535	0.2418		19.1	20.0	-4.6	20.0
Tetrahydrofuran	Ave	0.8765	0.9031		41.2	40.0	3.0	20.0
1,1,1-Trichloroethane	Ave	0.3471	0.3278	0.1000	18.9	20.0	-5.6	20.0
2-Butanone (MEK)	Ave	0.3106	0.2668	0.0500	85.9	100	-14.1	50.0
1,1-Dichloropropene	Ave	0.3267	0.2943		18.0	20.0	-9.9	20.0
2,2,4-Trimethylpentane	Ave	0.5114	0.6457		25.3	20.0	26.3*	20.0
n-Heptane	QuaF		0.1562		21.3	20.0	6.6	20.0
Benzene	Ave	1.348	1.275	0.5000	18.9	20.0	-5.5	20.0
Propionitrile	Ave	1.487	1.356		182	200	-8.8	20.0
Methacrylonitrile	Ave	0.1167	0.1144		196	200	-1.9	20.0
Tert-amyl methyl ether	Ave	0.7308	0.6872		18.8	20.0	-6.0	20.0
1,2-Dichloroethane	Ave	0.3538	0.3264	0.1000	18.5	20.0	-7.7	20.0
Isobutyl alcohol	Ave	0.4459	0.4250		477	500	-4.7	50.0
2,4,4-Trimethyl-1-pentene	QuaF		0.5902		42.7	40.0	6.8	20.0
Isopropyl acetate	Ave	0.5215	0.5120		19.6	20.0	-1.8	20.0
Methylcyclohexane	QuaF		0.3587	0.1000	21.2	20.0	6.2	50.0
Trichloroethene	Ave	0.2656	0.2507	0.2000	18.9	20.0	-5.6	20.0
n-Butanol	Qua2		0.2481		465	500	-7.1	50.0
Dibromomethane	Ave	0.1511	0.1507		19.9	20.0	-0.3	20.0
1,2-Dichloropropane	Ave	0.2560	0.2502	0.1000	19.5	20.0	-2.3	20.0
Ethyl acrylate	Ave	0.3150	0.3073		19.5	20.0	-2.4	20.0
Dichlorobromomethane	Ave	0.3116	0.3070	0.2000	19.7	20.0	-1.5	20.0
Methyl methacrylate	Ave	0.0709	0.0704		39.7	40.0	-0.6	20.0
1,4-Dioxane	Ave	1.086	1.157		426	400	6.6	50.0
n-Propyl acetate	Ave	0.3916	0.3688		18.8	20.0	-5.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1472	0.1495		20.3	20.0	1.6	20.0
cis-1,3-Dichloropropene	Ave	0.4930	0.4974	0.2000	20.2	20.0	0.9	50.0
Toluene	Ave	1.388	1.316	0.4000	19.0	20.0	-5.2	20.0
Epichlorohydrin	Ave	0.2067	0.2092		405	400	1.2	20.0
2-Nitropropane	Ave	0.0625	0.0565		36.1	40.0	-9.7	20.0
Tetrachloroethene	Ave	0.3637	0.3488	0.2000	19.2	20.0	-4.1	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.998	2.127	0.0500	106	100	6.4	50.0
trans-1,3-Dichloropropene	Ave	0.4435	0.4322	0.1000	19.5	20.0	-2.5	50.0
1,1,2-Trichloroethane	Ave	0.2426	0.2396	0.1000	19.8	20.0	-1.2	20.0
Ethyl methacrylate	Ave	0.2823	0.3007		21.3	20.0	6.5	20.0
Chlorodibromomethane	Ave	0.3100	0.3128	0.1000	20.2	20.0	0.9	50.0
1,3-Dichloropropane	Ave	0.4956	0.4887		19.7	20.0	-1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313995/3 Calibration Date: 07/31/2015 20:16

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.2990	0.2924	0.1000	19.6	20.0	-2.2	20.0
n-Butyl acetate	Ave	0.2372	0.3926		33.1	20.0	65.5*	20.0
2-Hexanone	Ave	1.460	1.470	0.0500	101	100	0.7	50.0
Chlorobenzene	Ave	0.9173	0.8935	0.5000	19.5	20.0	-2.6	20.0
Ethylbenzene	Ave	0.4675	0.4634	0.1000	19.8	20.0	-0.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3027	0.3016		19.9	20.0	-0.4	20.0
m-Xylene & p-Xylene	Ave	0.5728	0.5610	0.1000	19.6	20.0	-2.1	20.0
o-Xylene	Ave	0.5353	0.5367	0.3000	20.0	20.0	0.2	20.0
Bromoform	Ave	0.2315	0.2211	0.1000	19.1	20.0	-4.5	20.0
Styrene	Ave	0.9076	0.9480	0.3000	20.9	20.0	4.4	20.0
n-Butyl acrylate	Qua2		0.2042		18.5	20.0	-7.7	20.0
Isopropylbenzene	Ave	1.384	1.419	0.1000	20.5	20.0	2.5	20.0
Camphene	Ave	0.0922	0.0982		21.3	20.0	6.5	20.0
Amyl acetate (mixed isomers)	Qua2		0.9157		18.3	20.0	-8.3	20.0
Bromobenzene	Ave	0.7251	0.7264		20.0	20.0	0.2	20.0
N-Propylbenzene	Ave	2.804	2.743		19.6	20.0	-2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6429	0.6154	0.3000	19.1	20.0	-4.3	20.0
2-Chlorotoluene	Ave	2.025	1.954		19.3	20.0	-3.5	20.0
4-Ethyltoluene	Ave	2.558	2.513		19.6	20.0	-1.8	20.0
1,2,3-Trichloropropane	Ave	0.1971	0.1921		19.5	20.0	-2.6	20.0
1,3,5-Trimethylbenzene	Ave	2.049	2.046		20.0	20.0	-0.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1904	0.1877		19.7	20.0	-1.4	20.0
4-Chlorotoluene	Ave	1.852	1.851		20.0	20.0	-0.0	20.0
tert-Butylbenzene	Ave	1.699	1.698		20.0	20.0	-0.0	20.0
Butyl Methacrylate	QuaF		0.6311		15.3	20.0	-23.6*	20.0
1,2,4-Trimethylbenzene	Ave	2.120	2.193		20.7	20.0	3.4	20.0
sec-Butylbenzene	Ave	2.414	2.507		20.8	20.0	3.9	20.0
1,3-Dichlorobenzene	Ave	1.359	1.382	0.6000	20.3	20.0	1.7	20.0
4-Isopropyltoluene	Ave	2.067	2.260		21.9	20.0	9.3	20.0
1,4-Dichlorobenzene	Ave	1.452	1.416	0.5000	19.5	20.0	-2.5	20.0
Indan	Ave	2.310	2.324		20.1	20.0	0.6	20.0
Benzyl chloride	Qua2		1.588		19.9	20.0	-0.7	50.0
p-Diethylbenzene	Ave	1.337	1.349		20.2	20.0	0.8	20.0
n-Butylbenzene	Ave	1.980	2.038		20.6	20.0	2.9	20.0
1,2-Dichlorobenzene	Ave	1.377	1.347	0.4000	19.6	20.0	-2.2	20.0
1,2,4,5-Tetramethylbenzene	QuaF		2.082		16.8	20.0	-16.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1562	0.1510	0.0500	19.3	20.0	-3.4	50.0
1,3,5-Trichlorobenzene	Ave	1.104	1.110		20.1	20.0	0.6	20.0
1,2,4-Trichlorobenzene	Ave	1.030	1.029	0.2000	20.0	20.0	-0.0	20.0
Hexachlorobutadiene	Ave	0.4255	0.4208		19.8	20.0	-1.1	20.0
Camphor	Ave	0.0752	0.0637		84.7	100	-15.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Lab Sample ID: CCVIS 460-313995/3 Calibration Date: 07/31/2015 20:16

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P01908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.307	2.357		20.4	20.0	2.1	50.0
1,2,3-Trichlorobenzene	Ave	0.9659	0.9466		19.6	20.0	-2.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2067	0.2005		48.5	50.0	-3.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2494	0.2349		47.1	50.0	-5.8	20.0
Toluene-d8 (Surr)	Ave	1.072	1.052		49.0	50.0	-1.9	20.0
4-Bromofluorobenzene	Ave	0.3812	0.4044		53.0	50.0	6.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01908.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 31-Jul-2015 20:16:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030286-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 19:47:30 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: baronm Date: 03-Aug-2015 19:47:30

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	0.924	0.924	0.000	87	5731	20.0	26.7	
2	Dichlorodifluoromethane	85	0.937	0.937	0.000	98	39919	20.0	16.3	
3	Vinyl chloride	62	1.089	1.089	0.000	98	48794	20.0	16.9	
4	Chloromethane	50	1.095	1.095	0.000	76	60550	20.0	15.1	
5	Butadiene	54	1.095	1.095	0.000	95	41197	20.0	16.4	
6	Bromomethane	94	1.260	1.260	0.000	97	16774	20.0	25.5	
7	Chloroethane	64	1.327	1.327	0.000	100	34751	20.0	21.2	
8	Pentane	72	1.400	1.400	0.000	97	16311	40.0	52.9	
9	Trichlorofluoromethane	101	1.406	1.406	0.000	96	74699	20.0	19.8	
10	Dichlorofluoromethane	67	1.436	1.436	0.000	98	98214	20.0	20.6	
11	2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	63143	20.0	19.9	
12	Ethyl ether	59	1.577	1.577	0.000	95	44312	20.0	19.5	
13	Ethanol	46	1.662	1.662	0.000	98	14483	800.0	800.2	
14	1,1-Dichloroethene	96	1.686	1.686	0.000	98	40899	20.0	18.5	
15	1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	82	50729	20.0	17.2	
16	Carbon disulfide	76	1.705	1.705	0.000	99	146260	20.0	17.1	
17	1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	90	42623	20.0	23.9	
18	Iodomethane	142	1.772	1.772	0.000	97	29732	20.0	14.2	
19	Cyclopentene	67	1.857	1.857	0.000	96	118495	20.0	18.8	
20	Acrolein	56	1.882	1.882	0.000	94	3850	40.0	38.9	
21	3-Chloro-1-propene	76	1.961	1.961	0.000	91	26611	20.0	20.3	
22	Isopropyl alcohol	45	1.985	1.985	0.000	98	42083	200.0	180.4	
23	Methylene Chloride	84	2.028	2.028	0.000	95	50231	20.0	19.2	
24	Acetone	43	2.058	2.058	0.000	85	89808	100.0	66.2	
25	trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	48622	20.0	18.7	
26	Methyl acetate	43	2.131	2.131	0.000	100	303121	100.0	82.5	
27	Hexane	57	2.174	2.174	0.000	96	99635	20.0	21.3	
28	Methyl tert-butyl ether	73	2.192	2.192	0.000	97	153144	20.0	20.0	
* 29	TBA-d9 (IS)	65	2.217	2.217	0.000	100	293083	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.266	2.266	0.000	99	69956	200.0	206.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	79784	200.0	190.9	
32 Isopropyl ether	45	2.442	2.442	0.000	97	174071	20.0	18.7	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	91	39887	20.0	19.3	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	89297	20.0	18.7	
35 Acrylonitrile	53	2.552	2.552	0.000	94	218695	200.0	190.9	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	154946	20.0	18.8	
38 Allyl alcohol	57	2.692	2.692	0.000	48	78622	500.0	555.6	
37 Vinyl acetate	43	2.698	2.698	0.000	99	51150	40.0	15.4	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	51368	20.0	19.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	64787	20.0	19.2	
41 Cyclohexane	56	3.034	3.034	0.000	94	73000	20.0	22.5	
42 Chlorobromomethane	128	3.040	3.040	0.000	85	26841	20.0	20.3	
43 Chloroform	83	3.101	3.101	0.000	99	80556	20.0	19.6	
44 Carbon tetrachloride	117	3.192	3.192	0.000	97	53433	20.0	19.5	
46 Methyl acrylate	55	3.204	3.204	0.000	65	47740	20.0	19.1	
45 Ethyl acetate	43	3.204	3.204	0.000	99	90214	40.0	68.1	
47 Tetrahydrofuran	42	3.217	3.217	0.000	93	43926	40.0	41.2	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	98933	50.0	48.5	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	64713	20.0	18.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	304003	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.339	0.000	99	32437	100.0	85.9	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	95	58097	20.0	18.0	
52 Isooctane	57	3.442	3.442	0.000	99	127471	20.0	25.3	
53 n-Heptane	57	3.534	3.534	0.000	95	30827	20.0	21.3	
54 Benzene	78	3.546	3.546	0.000	95	193498	20.0	18.9	
55 Propionitrile	54	3.570	3.570	0.000	74	79511	200.0	182.4	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	225849	200.0	196.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	115949	50.0	47.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	135660	20.0	18.8	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	64436	20.0	18.5	
60 Isobutyl alcohol	43	3.784	3.784	0.000	96	62273	500.0	476.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	493548	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	94	233013	40.0	42.7	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	101085	20.0	19.6	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	70809	20.0	21.2	
64 Trichloroethene	130	4.058	4.058	0.000	96	49484	20.0	18.9	
66 n-Butanol	56	4.436	4.436	0.000	90	36362	500.0	464.7	
67 Dibromomethane	93	4.442	4.442	0.000	92	29743	20.0	19.9	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	49396	20.0	19.5	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	60670	20.0	19.5	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	60611	20.0	19.7	
71 Methyl methacrylate	100	4.814	4.814	0.000	91	27808	40.0	39.7	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	54	32548	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	92	15064	400.0	426.4	
74 n-Propyl acetate	43	4.978	4.978	0.000	99	72813	20.0	18.8	
75 2-Chloroethyl vinyl ether	63	5.253	5.253	0.000	96	29520	20.0	20.3	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	75512	20.0	20.2	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	399161	50.0	49.0	
78 Toluene	91	5.545	5.545	0.000	93	199756	20.0	19.0	
79 Epichlorohydrin	57	5.570	5.570	0.000	100	101737	400.0	404.8	
80 2-Nitropropane	41	5.814	5.814	0.000	99	22303	40.0	36.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	52946	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	258600	100.0	106.4	
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	95	65613	20.0	19.5	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	36375	20.0	19.8	
85 Ethyl methacrylate	69	6.307	6.307	0.000	91	59358	20.0	21.3	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	47480	20.0	20.2	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	95	74189	20.0	19.7	
88 Ethylene Dibromide	107	6.692	6.692	0.000	99	44384	20.0	19.6	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	59599	20.0	33.1	
90 2-Hexanone	43	7.106	7.106	0.000	98	178763	100.0	100.7	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	379511	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	135629	20.0	19.5	
93 Ethylbenzene	106	7.502	7.502	0.000	98	70343	20.0	19.8	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.527	0.000	93	45780	20.0	19.9	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	85158	20.0	19.6	
96 o-Xylene	106	8.313	8.313	0.000	94	81466	20.0	20.0	
97 Bromoform	173	8.386	8.386	0.000	95	33559	20.0	19.1	
98 Styrene	104	8.405	8.405	0.000	96	143910	20.0	20.9	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	31003	20.0	18.5	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	215377	20.0	20.5	
101 Camphene	41	8.935	8.935	0.000	95	14904	20.0	21.3	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	83762	20.0	18.3	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	153467	50.0	53.0	
104 Bromobenzene	156	9.301	9.301	0.000	93	66448	20.0	20.0	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	250869	20.0	19.6	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	98	56290	20.0	19.1	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	178770	20.0	19.3	
108 4-Ethyltoluene	105	9.642	9.642	0.000	98	229869	20.0	19.6	
109 1,2,3-Trichloropropane	110	9.740	9.740	0.000	97	17571	20.0	19.5	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	187148	20.0	20.0	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	87	17168	20.0	19.7	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	169305	20.0	20.0	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	155282	20.0	20.0	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	57729	20.0	15.3	
115 1,2,4-Trimethylbenzene	105	10.404	10.404	0.000	96	200559	20.0	20.7	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	229305	20.0	20.8	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	98	126430	20.0	20.3	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	206750	20.0	21.9	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	94	228676	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.989	0.000	96	129530	20.0	19.5	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	212579	20.0	20.1	
122 Benzyl chloride	91	11.416	11.416	0.000	98	145209	20.0	19.9	
123 p-Diethylbenzene	119	11.428	11.428	0.000	96	123355	20.0	20.2	
124 n-Butylbenzene	91	11.502	11.502	0.000	97	186429	20.0	20.6	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	123237	20.0	19.6	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	97	190485	20.0	16.8	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	92	13812	20.0	19.3	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	101560	20.0	20.1	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	94111	20.0	20.0	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	38487	20.0	19.8	
131 Camphor	95	13.532	13.532	0.000	91	29134	100.0	84.7	
132 Naphthalene	128	13.568	13.568	0.000	99	215553	20.0	20.4	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	86587	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 135 Xylenes, Total	100				0		40.0	39.6	
S 136 Total BTEX	1				0		100.0	97.3	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00112	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 19:47:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01908.D

Injection Date: 31-Jul-2015 20:16:30 Instrument ID: CVOAMS13 Operator ID:

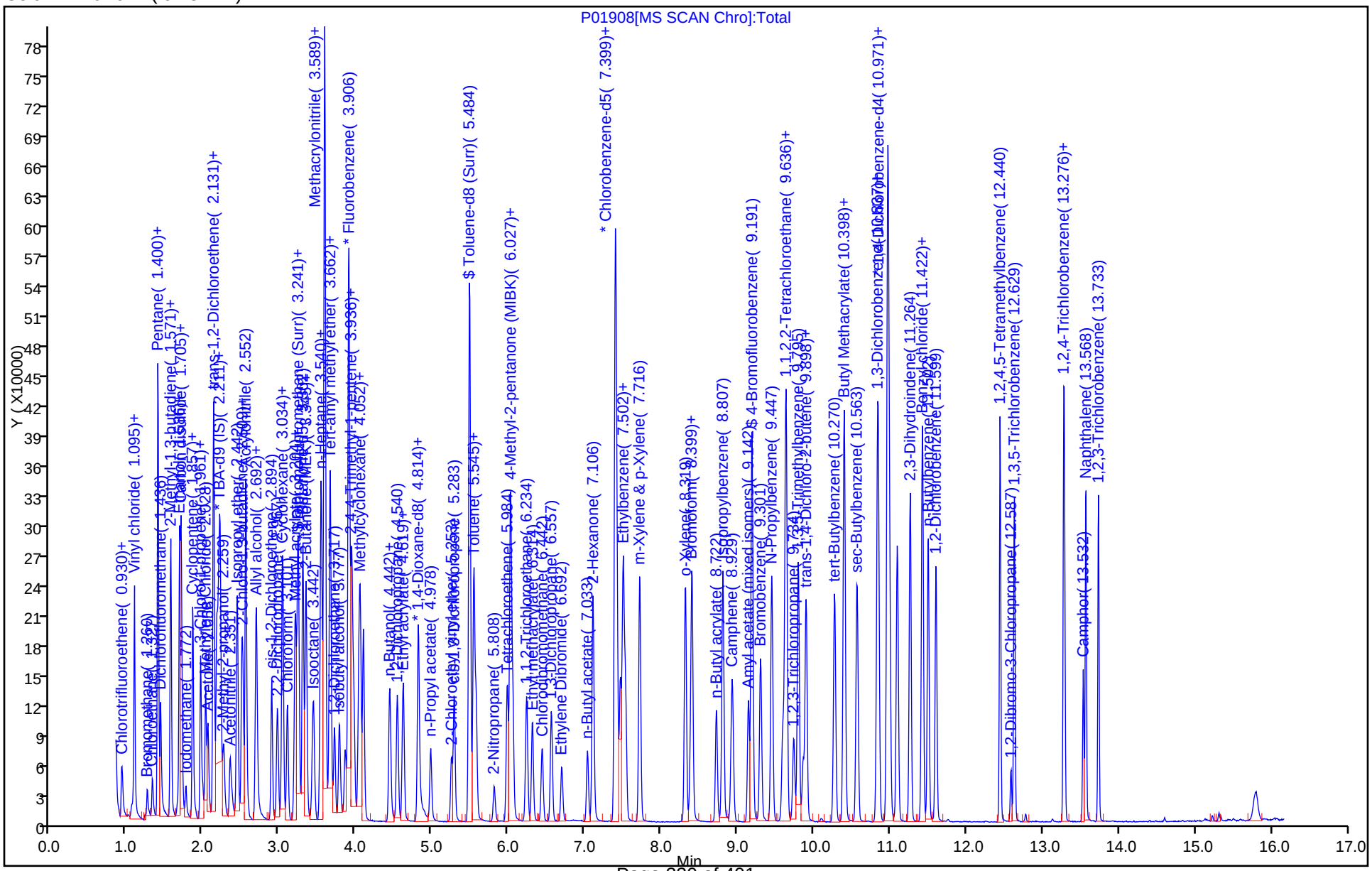
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01801.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Jul-2015 13:17:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030198-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 08:14:20 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.303	2.303	0.000	93	47770	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

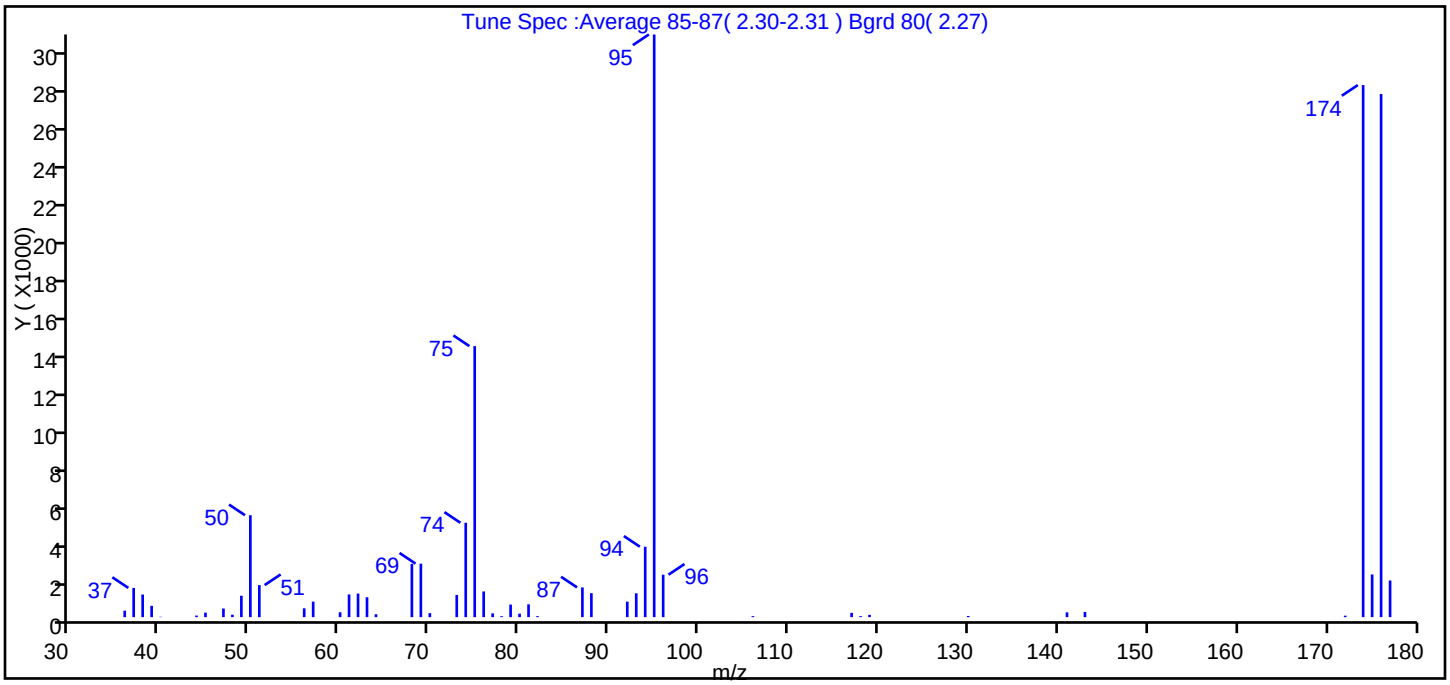
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01801.D
Injection Date: 29-Jul-2015 13:17:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	91.3
175	5 to 9% of m/z 174	7.3 (8.0)
176	Greater than 95% but less than 101% of m/z 174	89.8 (98.3)
177	5 to 9% of m/z 176	6.3 (7.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01801.D\8260W_13.rslt\spectra.d
Injection Date: 29-Jul-2015 13:17:30
Spectrum: Tune Spec :Average 85-87(2.30-2.31) Bgrd 80(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	342	57.00	823	77.00	200	106.00	54
37.00	1547	60.00	260	78.00	50	117.00	225
38.00	1198	61.00	1202	79.00	666	118.00	52
39.00	600	62.00	1249	80.00	185	119.00	122
40.00	20	63.00	1053	81.00	677	130.00	60
44.00	85	64.00	152	82.00	55	141.00	254
45.00	238	68.00	2821	87.00	1574	143.00	276
47.00	458	69.00	2834	88.00	1270	172.00	78
48.00	129	70.00	211	92.00	821	174.00	28184
49.00	1135	73.00	1174	93.00	1263	175.00	2261
50.00	5398	74.00	4999	94.00	3730	176.00	27712
51.00	1698	75.00	14357	95.00	30864	177.00	1942
56.00	468	76.00	1361	96.00	2249		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01878.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 31-Jul-2015 07:44:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030277-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:35:43 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:35:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.309	2.309	0.000	96	53954	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

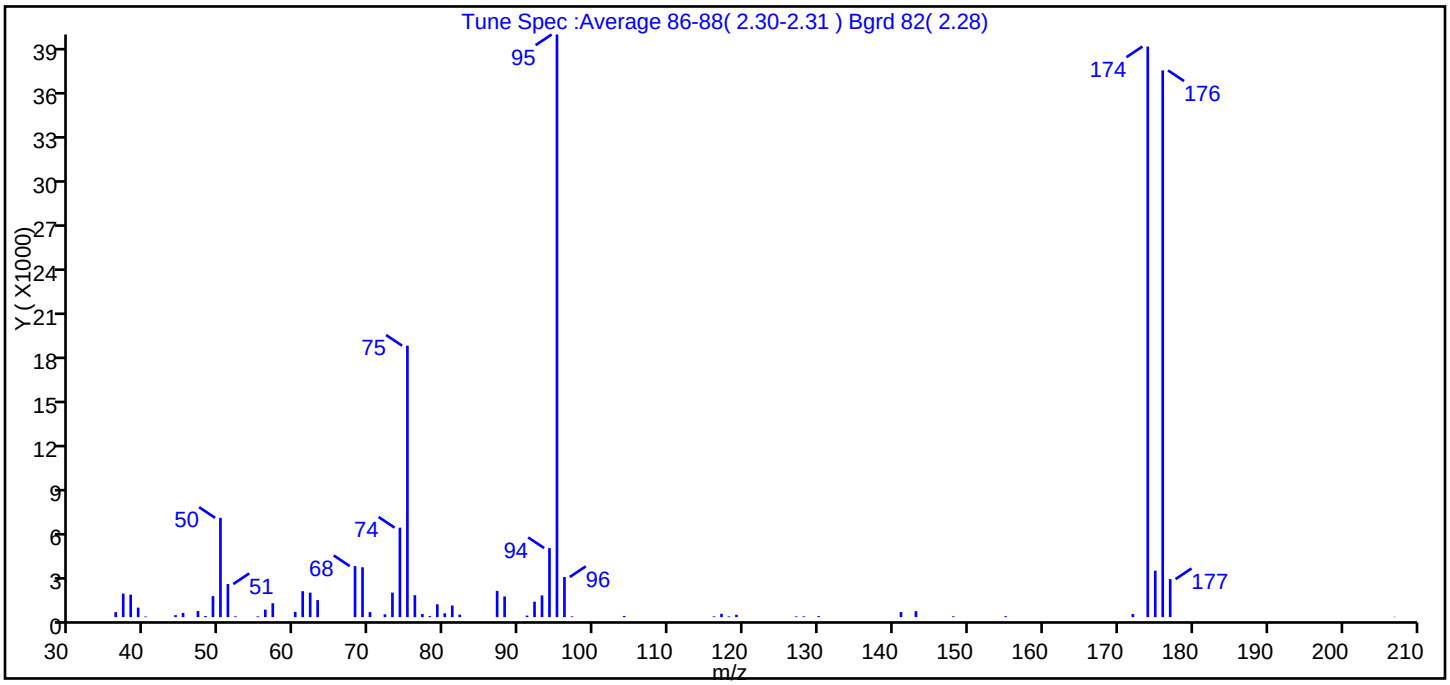
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01878.D
Injection Date: 31-Jul-2015 07:44:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.0
75	30 to 60% of m/z 95	46.6
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	97.9
175	5 to 9% of m/z 174	8.0 (8.1)
176	Greater than 95% but less than 101% of m/z 174	93.8 (95.8)
177	5 to 9% of m/z 176	6.5 (7.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01878.D\8260W_13.rslt\spectra.d
Injection Date: 31-Jul-2015 07:44:30
Spectrum: Tune Spec :Average 86-88(2.30-2.31) Bgrd 82(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	338	60.00	355	81.00	788	127.00	50
37.00	1597	61.00	1759	82.00	170	128.00	52
38.00	1522	62.00	1659	87.00	1780	130.00	69
39.00	644	63.00	1155	88.00	1400	141.00	344
40.00	44	68.00	3456	91.00	105	143.00	404
44.00	135	69.00	3378	92.00	1047	148.00	54
45.00	288	70.00	339	93.00	1471	155.00	64
47.00	412	72.00	190	94.00	4677	172.00	210
48.00	75	73.00	1661	95.00	39456	174.00	38640
49.00	1423	74.00	6060	96.00	2717	175.00	3144
50.00	6724	75.00	18384	97.00	50	176.00	37024
51.00	2241	76.00	1486	104.00	80	177.00	2576
52.00	52	77.00	208	116.00	51	207.00	22
55.00	54	78.00	71	117.00	226		
56.00	508	79.00	869	118.00	50		
57.00	945	80.00	260	119.00	161		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01906.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 31-Jul-2015 19:10:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030286-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 08:49:43 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: starzecm Date: 31-Jul-2015 23:12:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.303	2.303	0.000	91	31516	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

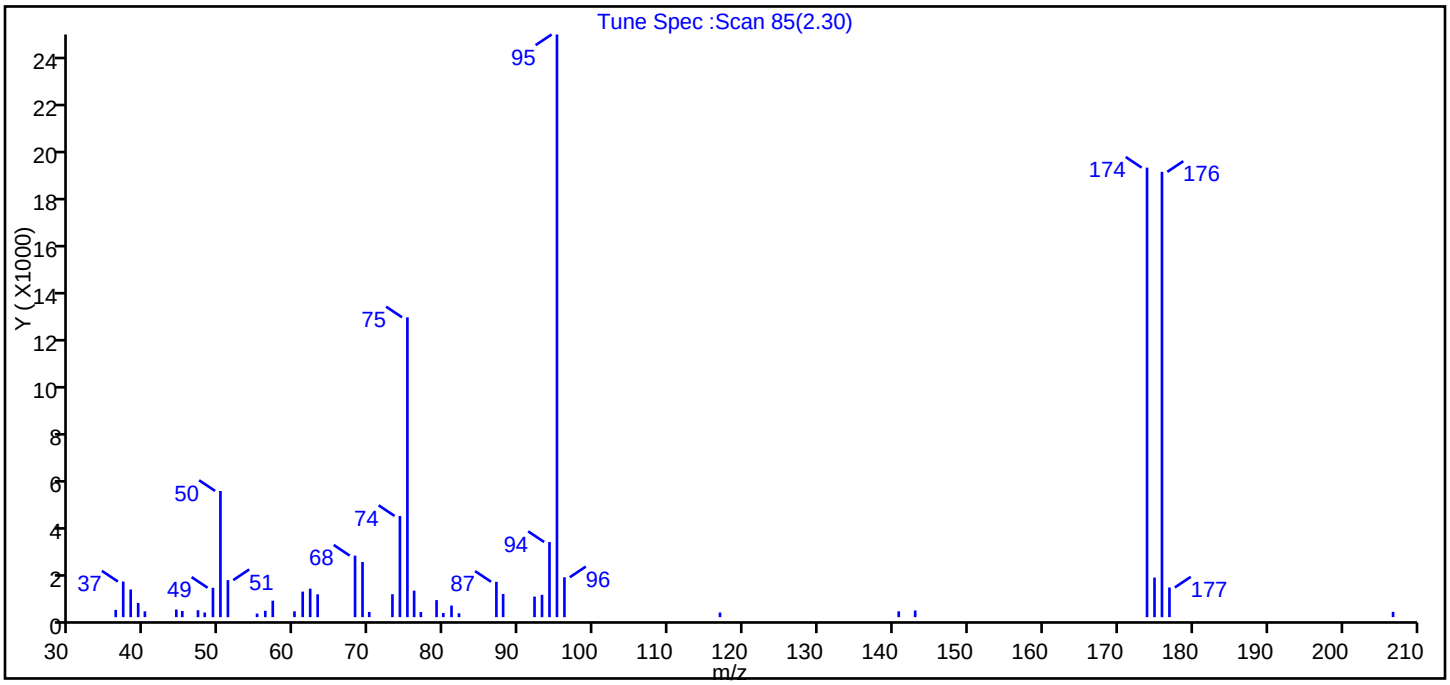
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01906.D
Injection Date: 31-Jul-2015 19:10:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.7
75	30 to 60% of m/z 95	51.5
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.1
175	5 to 9% of m/z 174	6.8 (8.8)
176	Greater than 95% but less than 101% of m/z 174	76.4 (99.1)
177	5 to 9% of m/z 176	5.1 (6.7)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01906.D\8260W_13.rslt\spectra.d
Injection Date: 31-Jul-2015 19:10:30
Spectrum: Tune Spec :Scan 85(2.30)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	305	54.90	151	75.00	12573	95.00	24432
37.00	1494	56.00	266	75.90	1113	96.00	1672
38.00	1160	57.00	689	76.80	218	116.80	194
39.00	596	59.90	244	78.90	715	140.70	244
39.90	242	61.00	1071	79.80	173	142.90	279
44.10	322	62.00	1194	80.90	485	173.90	18848
44.90	258	63.00	958	81.90	163	174.90	1660
47.00	291	68.00	2580	86.90	1483	175.90	18672
47.90	195	69.00	2315	87.80	974	176.90	1244
49.00	1231	69.90	219	92.00	862	206.80	223
50.00	5292	73.00	961	93.00	935		
51.00	1553	74.00	4243	94.00	3150		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313902/6

Matrix: Water | Lab File ID: P01883.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 09:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313902/6

Matrix: Water | Lab File ID: P01883.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 09:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137
2037-26-5	Toluene-d8 (Surr)	104		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-313902/6

Matrix: Water Lab File ID: P01883.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 09:40

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01883.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 31-Jul-2015 09:40:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030277-006
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:43:05 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: starzecm Date: 31-Jul-2015 16:43:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	345764	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	98	97654	50.0	51.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	332728	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	116833	50.0	51.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	454777	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	93	34407	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	383841	50.0	52.1	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	343261	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	141852	50.0	54.2	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	200268	50.0	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

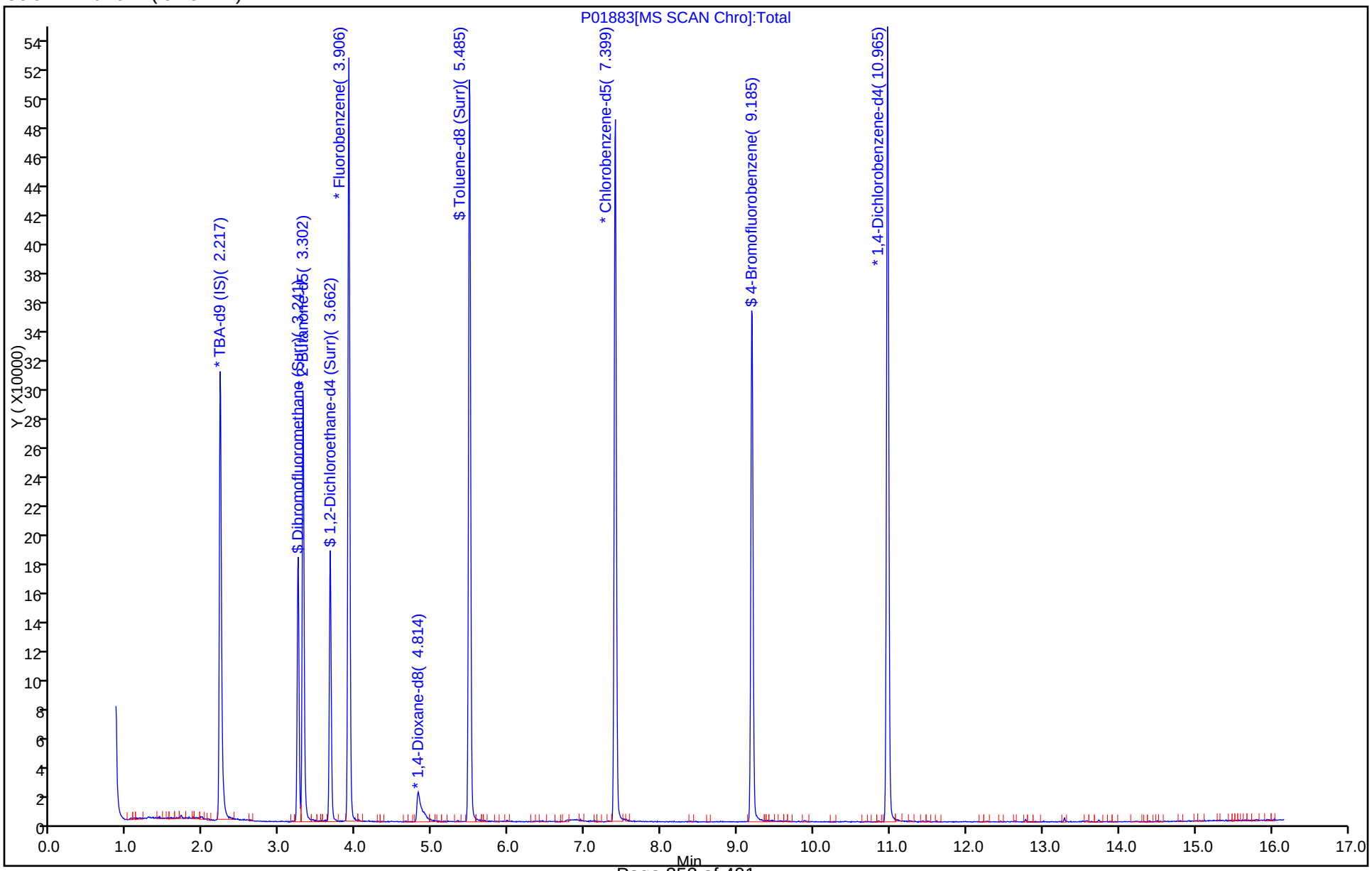
Report Date: 31-Jul-2015 16:43:05 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01883.D

Injection Date:	31-Jul-2015 09:40:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-313995/8

Matrix: Water Lab File ID: P01913.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 22:33

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-313995/8

Matrix: Water | Lab File ID: P01913.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 22:33

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	107		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-313995/8

Matrix: Water Lab File ID: P01913.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 22:33

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01913.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 31-Jul-2015 22:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030286-008
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 19:50:25 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: baronm Date: 03-Aug-2015 19:50:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.217	-0.006	100	271939	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	96489	50.0	51.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	276204	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	107346	50.0	47.2	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	456291	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	95	29492	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	370855	50.0	49.1	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	352519	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	144111	50.0	53.6	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	94	212355	50.0	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 03-Aug-2015 19:50:26 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01913.D

Injection Date: 31-Jul-2015 22:33:30 Instrument ID: CVOAMS13 Operator ID:

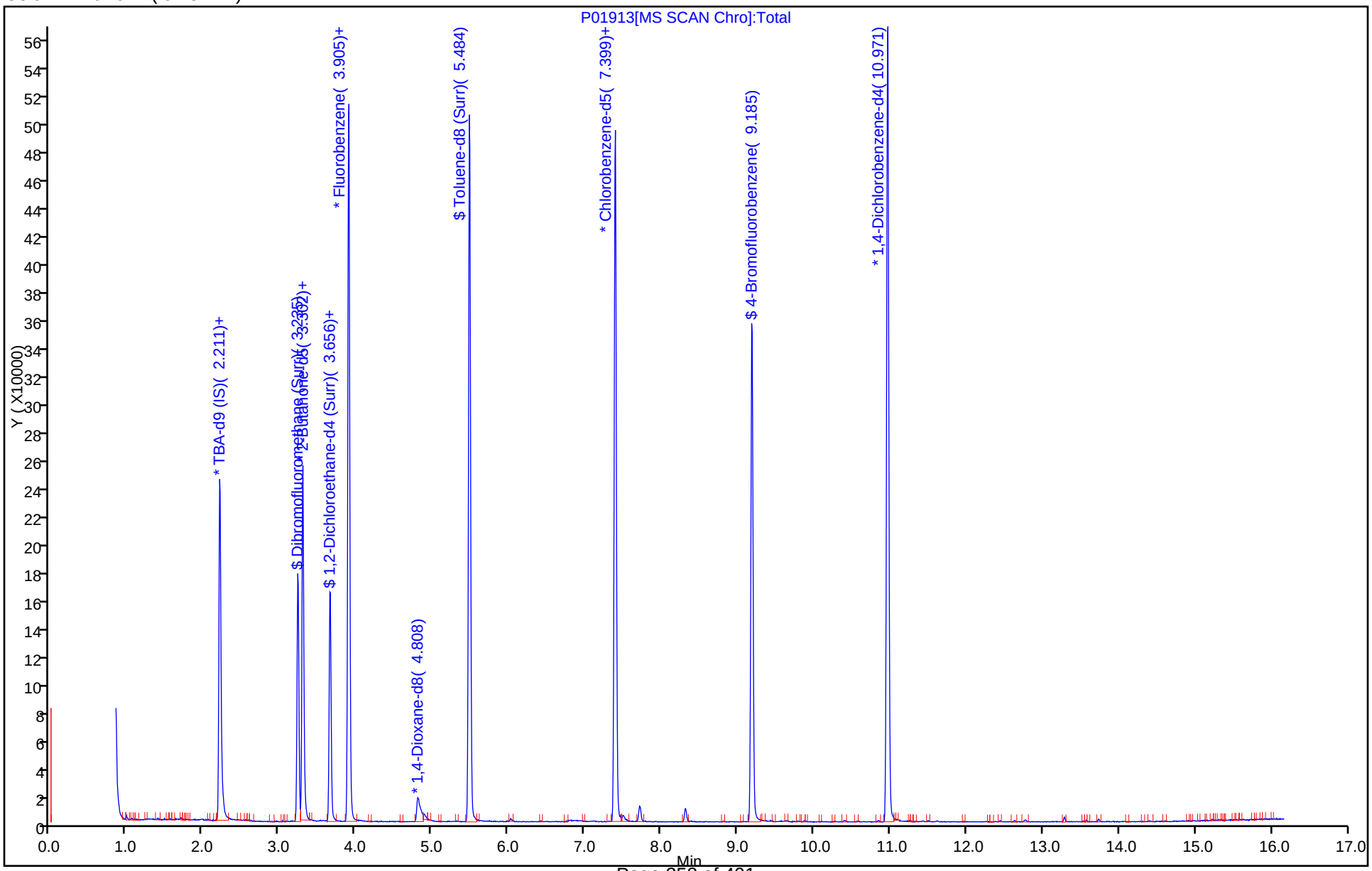
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313902/3

Matrix: Water | Lab File ID: P01880.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 08:24

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	21.4		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25.9		1.0	0.34
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.080
75-34-3	1,1-Dichloroethane	18.4		1.0	0.24
75-35-4	1,1-Dichloroethene	18.8		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	20.8		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	21.9		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.22
107-06-2	1,2-Dichloroethane	18.3		1.0	0.25
78-87-5	1,2-Dichloropropane	19.7		1.0	0.18
541-73-1	1,3-Dichlorobenzene	20.0		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.33
123-91-1	1,4-Dioxane	430		50	8.7
78-93-3	2-Butanone (MEK)	84.6		5.0	2.2
591-78-6	2-Hexanone	98.6		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	100		5.0	0.63
67-64-1	Acetone	60.4		5.0	1.1
71-43-2	Benzene	19.3		1.0	0.090
75-25-2	Bromoform	19.7		1.0	0.18
74-83-9	Bromomethane	14.2		1.0	0.18
75-15-0	Carbon disulfide	17.1		1.0	0.22
56-23-5	Carbon tetrachloride	20.8		1.0	0.33
108-90-7	Chlorobenzene	19.7		1.0	0.24
74-97-5	Chlorobromomethane	19.0		1.0	0.30
124-48-1	Chlorodibromomethane	20.6		1.0	0.22
75-00-3	Chloroethane	18.5		1.0	0.37
67-66-3	Chloroform	19.7		1.0	0.22
74-87-3	Chloromethane	15.3		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.16
110-82-7	Cyclohexane	24.5		1.0	0.26
75-27-4	Dichlorobromomethane	19.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.4		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313902/3

Matrix: Water | Lab File ID: P01880.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 08:24

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.3		1.0	0.30
106-93-4	Ethylene Dibromide	20.5		1.0	0.19
98-82-8	Isopropylbenzene	21.9		1.0	0.32
79-20-9	Methyl acetate	106		5.0	0.58
1634-04-4	Methyl tert-butyl ether	20.1		1.0	0.13
108-87-2	Methylcyclohexane	23.1		1.0	0.22
75-09-2	Methylene Chloride	19.0		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	20.2		1.0	0.28
95-47-6	o-Xylene	20.4		1.0	0.32
100-42-5	Styrene	20.9		1.0	0.17
127-18-4	Tetrachloroethene	20.9		1.0	0.12
108-88-3	Toluene	19.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.19
79-01-6	Trichloroethene	19.6		1.0	0.22
75-69-4	Trichlorofluoromethane	19.9		1.0	0.15
75-01-4	Vinyl chloride	17.3		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01880.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-Jul-2015 08:24:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030277-003
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 20:14:47 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: starzecm Date: 31-Jul-2015 20:14:55

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	0.924	0.924	0.000	87	3465	20.0	15.9	
2	Dichlorodifluoromethane	85	0.936	0.937	-0.001	99	40767	20.0	16.4	
3	Vinyl chloride	62	1.089	1.089	0.000	98	50480	20.0	17.3	
4	Chloromethane	50	1.095	1.095	0.000	66	62220	20.0	15.3	
5	Butadiene	54	1.095	1.095	0.000	95	42549	20.0	16.7	
6	Bromomethane	94	1.260	1.260	0.000	98	11807	20.0	14.2	
7	Chloroethane	64	1.327	1.327	0.000	99	30680	20.0	18.5	
8	Pentane	72	1.394	1.394	0.000	97	16270	40.0	40.5	
9	Trichlorofluoromethane	101	1.400	1.400	0.000	96	75840	20.0	19.9	
10	Dichlorofluoromethane	67	1.436	1.437	-0.001	98	87919	20.0	18.2	
11	2-Methyl-1,3-butadiene	67	1.564	1.565	-0.001	98	67999	20.0	21.1	
12	Ethyl ether	59	1.577	1.577	0.000	94	43058	20.0	18.7	
13	Ethanol	46	1.674	1.674	0.000	32	17939	800.0	760.7	
14	1,1-Dichloroethene	96	1.686	1.680	0.006	98	42224	20.0	18.8	
15	1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	0.000	85	55503	20.0	18.6	
16	Carbon disulfide	76	1.705	1.699	0.006	100	147836	20.0	17.1	
17	1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	90	46731	20.0	25.9	
18	Iodomethane	142	1.766	1.766	0.000	98	12245	20.0	5.78	
19	Cyclopentene	67	1.857	1.857	0.000	97	126614	20.0	19.8	
20	Acrolein	56	1.881	1.882	-0.001	89	4316	40.0	33.5	
21	3-Chloro-1-propene	76	1.961	1.961	0.000	92	26064	20.0	19.6	
22	Isopropyl alcohol	45	2.003	1.997	0.006	99	55482	200.0	182.5	
23	Methylene Chloride	84	2.028	2.028	0.000	94	50111	20.0	19.0	
24	Acetone	43	2.064	2.064	0.000	85	99530	100.0	60.4	
25	trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	48002	20.0	18.2	
26	Methyl acetate	43	2.137	2.138	-0.001	100	394965	100.0	106.1	
27	Hexane	57	2.168	2.168	0.000	95	102592	20.0	21.7	
28	Methyl tert-butyl ether	73	2.198	2.199	-0.001	96	155769	20.0	20.1	
* 29	TBA-d9 (IS)	65	2.229	2.229	0.000	100	381864	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.278	2.278	0.000	99	82847	200.0	185.7	
31	Acetonitrile	41	2.351	2.351	0.000	97	90263	200.0	165.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.448	2.442	0.006	97	171726	20.0	18.2	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	91	43513	20.0	20.8	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	100	88945	20.0	18.4	
35 Acrylonitrile	53	2.558	2.558	0.000	95	249011	200.0	214.6	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	153332	20.0	18.4	
38 Allyl alcohol	57	2.692	2.692	0.000	50	85748	500.0	465.1	
37 Vinyl acetate	43	2.698	2.699	0.000	99	52445	40.0	15.6	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	96	50325	20.0	19.1	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	67389	20.0	19.7	
41 Cyclohexane	56	3.034	3.034	0.000	92	80366	20.0	24.5	
42 Chlorobromomethane	128	3.040	3.040	0.000	89	25418	20.0	19.0	
43 Chloroform	83	3.101	3.101	0.000	98	82041	20.0	19.7	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	57968	20.0	20.8	
46 Methyl acrylate	55	3.204	3.205	0.000	93	53146	20.0	21.0	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	53391	40.0	41.2	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	99019	50.0	47.9	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	69008	20.0	19.9	
* 157 2-Butanone-d5	46	3.308	3.302	0.006	0	369317	250.0	250.0	
45 Ethyl acetate	43	3.345	3.345	0.000	91	158814	40.0	98.7	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	38807	100.0	84.6	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	69	61854	20.0	18.9	
52 Isooctane	57	3.436	3.436	0.000	99	134906	20.0	26.4	
53 n-Heptane	57	3.527	3.534	-0.007	95	32095	20.0	21.9	
54 Benzene	78	3.546	3.546	0.000	95	196443	20.0	19.3	
55 Propionitrile	54	3.576	3.576	0.000	94	95065	200.0	167.4	
56 Methacrylonitrile	67	3.588	3.589	-0.001	94	250393	200.0	214.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	119924	50.0	48.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	136803	20.0	18.7	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	64558	20.0	18.3	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	80233	500.0	471.2	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	499707	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	94	250797	40.0	45.4	
62 Isopropyl acetate	43	3.972	3.973	-0.001	97	112138	20.0	21.5	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	77890	20.0	23.1	
64 Trichloroethene	130	4.058	4.052	0.006	96	52100	20.0	19.6	
66 n-Butanol	56	4.442	4.442	0.000	75	48662	500.0	477.0	
67 Dibromomethane	93	4.442	4.442	0.000	92	29053	20.0	19.2	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	90	50406	20.0	19.7	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	70540	20.0	22.4	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	60924	20.0	19.6	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	31986	40.0	45.2	
* 72 1,4-Dioxane-d8	96	4.820	4.814	0.006	84	40682	1000.0	1000.0	
73 1,4-Dioxane	88	4.850	4.857	-0.007	93	19005	400.0	430.4	
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	84748	20.0	21.7	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	32006	20.0	21.8	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	73498	20.0	19.7	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	399580	50.0	49.2	
78 Toluene	91	5.545	5.539	0.006	93	207260	20.0	19.7	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	124774	400.0	408.6	
80 2-Nitropropane	41	5.814	5.808	0.006	98	25527	40.0	40.8	
81 Tetrachloroethene	166	5.984	5.978	0.006	95	57529	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	97	295457	100.0	100.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	98	66390	20.0	19.8	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	37531	20.0	20.4	
85 Ethyl methacrylate	69	6.313	6.314	-0.001	90	61984	20.0	22.0	
86 Chlorodibromomethane	129	6.442	6.436	0.006	98	48436	20.0	20.6	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	75145	20.0	20.0	
88 Ethylene Dibromide	107	6.698	6.698	0.000	99	46411	20.0	20.5	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	64033	20.0	35.7	
90 2-Hexanone	43	7.106	7.106	0.000	97	212685	100.0	98.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	378379	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	136562	20.0	19.7	
93 Ethylbenzene	106	7.502	7.496	0.006	98	71780	20.0	20.3	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.527	0.006	94	46140	20.0	20.1	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	87559	20.0	20.2	
96 o-Xylene	106	8.313	8.313	0.000	94	82684	20.0	20.4	
97 Bromoform	173	8.386	8.380	0.006	96	34527	20.0	19.7	
98 Styrene	104	8.398	8.399	-0.001	96	143419	20.0	20.9	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	34303	20.0	20.5	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	229458	20.0	21.9	
101 Camphene	41	8.929	8.923	0.006	95	16754	20.0	24.0	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	91589	20.0	20.0	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	97	151572	50.0	52.5	
104 Bromobenzene	156	9.301	9.301	0.000	93	64331	20.0	19.4	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	267044	20.0	20.8	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	97	62968	20.0	21.4	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	183626	20.0	19.8	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	239723	20.0	20.5	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	97	19324	20.0	21.5	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	194553	20.0	20.8	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	88	18826	20.0	21.6	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	171193	20.0	20.2	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	163668	20.0	21.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	60307	20.0	16.0	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	209444	20.0	21.6	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	246424	20.0	22.3	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	96	123874	20.0	20.0	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	220065	20.0	23.3	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	228440	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.990	-0.001	97	130122	20.0	19.6	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	214592	20.0	20.3	
122 Benzyl chloride	91	11.416	11.416	0.000	97	153435	20.0	21.0	
123 p-Diethylbenzene	119	11.422	11.429	-0.006	94	130681	20.0	21.4	
124 n-Butylbenzene	91	11.495	11.496	-0.001	98	196771	20.0	21.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	124054	20.0	19.7	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	0.000	97	195302	20.0	17.2	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	15658	20.0	21.9	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	102555	20.0	20.3	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	94526	20.0	20.1	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	41057	20.0	21.1	
131 Camphor	95	13.532	13.532	0.000	92	36764	100.0	107.0	
132 Naphthalene	128	13.562	13.562	0.000	99	243325	20.0	23.1	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	91657	20.0	20.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.6	
S 136 Total BTEX	1				0		100.0	99.9	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00112	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 20:14:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01880.D

Injection Date: 31-Jul-2015 08:24:30 Instrument ID: CVOAMS13 Operator ID:

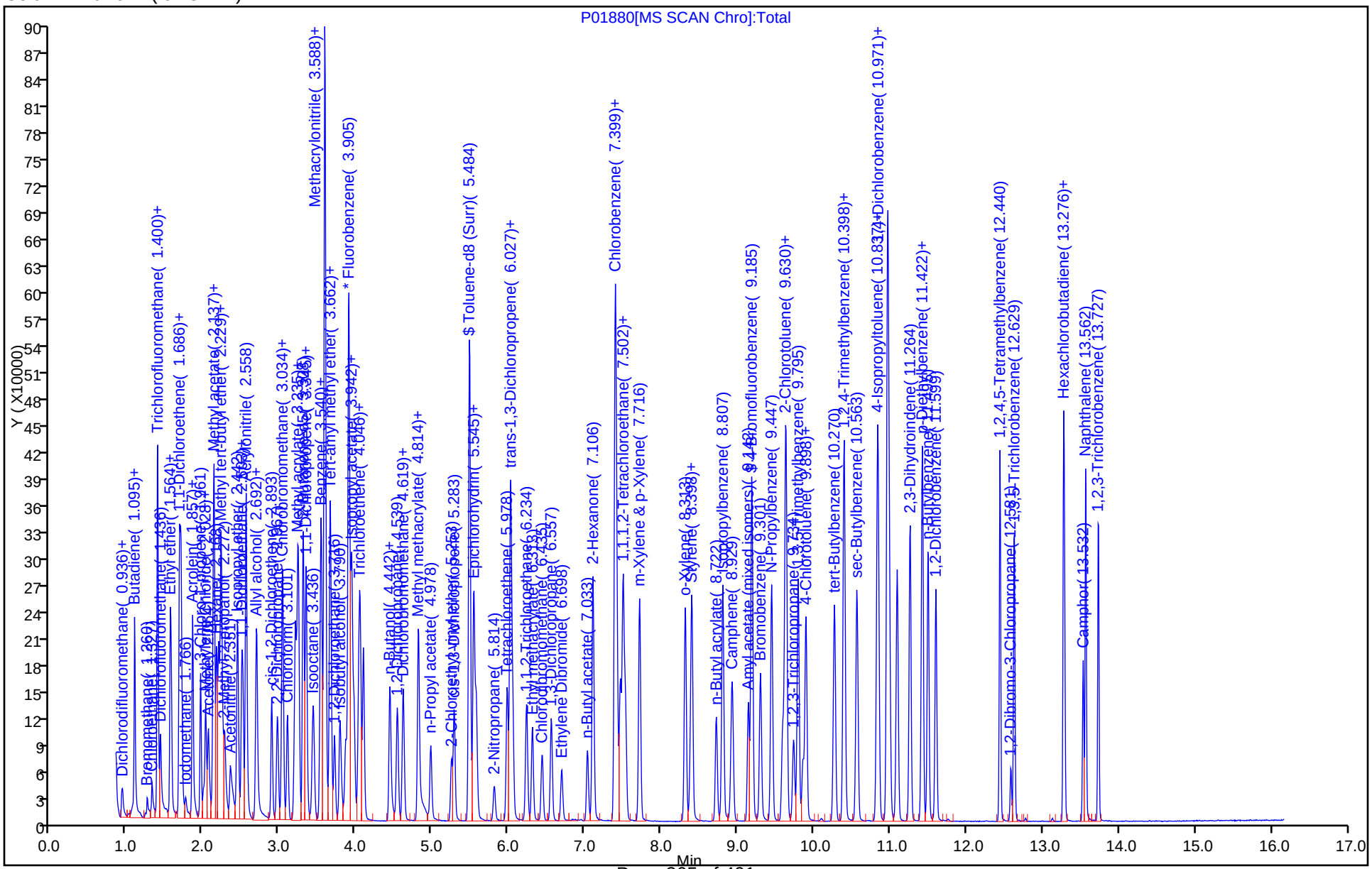
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313995/4

Matrix: Water | Lab File ID: P01909.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 20:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.4		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.0		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.0		1.0	0.080
75-34-3	1,1-Dichloroethane	17.6		1.0	0.24
75-35-4	1,1-Dichloroethene	16.3		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	19.2		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.22
107-06-2	1,2-Dichloroethane	17.7		1.0	0.25
78-87-5	1,2-Dichloropropane	18.6		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.33
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.33
123-91-1	1,4-Dioxane	459		50	8.7
78-93-3	2-Butanone (MEK)	86.9		5.0	2.2
591-78-6	2-Hexanone	102		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	0.63
67-64-1	Acetone	67.6		5.0	1.1
71-43-2	Benzene	17.6		1.0	0.090
75-25-2	Bromoform	18.5		1.0	0.18
74-83-9	Bromomethane	25.0		1.0	0.18
75-15-0	Carbon disulfide	15.9		1.0	0.22
56-23-5	Carbon tetrachloride	17.7		1.0	0.33
108-90-7	Chlorobenzene	18.6		1.0	0.24
74-97-5	Chlorobromomethane	19.3		1.0	0.30
124-48-1	Chlorodibromomethane	19.3		1.0	0.22
75-00-3	Chloroethane	19.5		1.0	0.37
67-66-3	Chloroform	19.0		1.0	0.22
74-87-3	Chloromethane	14.0		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.16
110-82-7	Cyclohexane	19.7		1.0	0.26
75-27-4	Dichlorobromomethane	19.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	14.0		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-313995/4

Matrix: Water | Lab File ID: P01909.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 20:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18.6		1.0	0.30
106-93-4	Ethylene Dibromide	18.7		1.0	0.19
98-82-8	Isopropylbenzene	19.4		1.0	0.32
79-20-9	Methyl acetate	77.2		5.0	0.58
1634-04-4	Methyl tert-butyl ether	19.1		1.0	0.13
108-87-2	Methylcyclohexane	18.7		1.0	0.22
75-09-2	Methylene Chloride	18.6		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	18.6		1.0	0.28
95-47-6	o-Xylene	19.4		1.0	0.32
100-42-5	Styrene	19.8		1.0	0.17
127-18-4	Tetrachloroethene	17.9		1.0	0.12
108-88-3	Toluene	18.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	17.1		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.19
79-01-6	Trichloroethene	17.8		1.0	0.22
75-69-4	Trichlorofluoromethane	17.6		1.0	0.15
75-01-4	Vinyl chloride	14.9		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01909.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-Jul-2015 20:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030286-004
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 19:48:35 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: starzecm Date: 31-Jul-2015 23:13:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	5203	20.0	23.7	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	34989	20.0	14.0	
3 Vinyl chloride	62	1.089	1.089	0.000	98	43818	20.0	14.9	
4 Chloromethane	50	1.095	1.095	0.000	76	57198	20.0	14.0	
5 Butadiene	54	1.095	1.095	0.000	96	38755	20.0	15.1	
6 Bromomethane	94	1.260	1.260	0.000	98	15858	20.0	25.0	
7 Chloroethane	64	1.327	1.327	0.000	100	32591	20.0	19.5	
8 Pentane	72	1.400	1.400	0.000	97	13533	40.0	45.4	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	97	67932	20.0	17.6	
10 Dichlorofluoromethane	67	1.437	1.436	0.001	98	93495	20.0	19.2	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.001	96	54871	20.0	16.9	
12 Ethyl ether	59	1.577	1.577	0.000	96	42490	20.0	18.3	
13 Ethanol	46	1.662	1.662	0.000	99	13562	800.0	775.0	
14 1,1-Dichloroethene	96	1.687	1.686	0.001	97	36957	20.0	16.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.686	0.001	79	46049	20.0	15.3	
16 Carbon disulfide	76	1.705	1.705	0.000	99	138640	20.0	15.9	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	92	38218	20.0	21.0	
18 Iodomethane	142	1.766	1.772	-0.006	97	30207	20.0	14.1	
19 Cyclopentene	67	1.857	1.857	0.000	97	107606	20.0	16.7	
20 Acrolein	56	1.882	1.882	0.000	92	3676	40.0	38.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	25445	20.0	19.0	
22 Isopropyl alcohol	45	1.985	1.985	0.000	98	40660	200.0	180.3	
23 Methylene Chloride	84	2.028	2.028	0.000	92	49489	20.0	18.6	
24 Acetone	43	2.058	2.058	0.000	86	89866	100.0	67.6	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	45360	20.0	17.1	
26 Methyl acetate	43	2.132	2.131	0.001	100	290053	100.0	77.2	
27 Hexane	57	2.174	2.174	0.000	92	89133	20.0	18.6	
28 Methyl tert-butyl ether	73	2.193	2.192	0.001	97	149007	20.0	19.1	
* 29 TBA-d9 (IS)	65	2.217	2.217	0.000	99	283362	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.260	2.266	-0.006	99	66071	200.0	201.0	
31 Acetonitrile	41	2.351	2.351	0.000	98	77162	200.0	191.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	96	169321	20.0	17.8	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	37168	20.0	17.6	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	85701	20.0	17.6	
35 Acrylonitrile	53	2.552	2.552	0.000	93	210105	200.0	179.5	
36 Tert-butyl ethyl ether	59	2.686	2.692	-0.006	87	148875	20.0	17.7	
38 Allyl alcohol	57	2.692	2.692	0.000	45	75646	500.0	552.9	
37 Vinyl acetate	43	2.692	2.698	-0.006	100	49354	40.0	14.6	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	49206	20.0	18.5	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	62281	20.0	18.0	
41 Cyclohexane	56	3.034	3.034	0.000	92	65157	20.0	19.7	
42 Chlorobromomethane	128	3.040	3.040	0.000	92	26015	20.0	19.3	
43 Chloroform	83	3.101	3.101	0.000	99	79927	20.0	19.0	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	49640	20.0	17.7	
46 Methyl acrylate	55	3.205	3.204	0.001	68	45521	20.0	17.8	
45 Ethyl acetate	43	3.205	3.204	0.001	99	87737	40.0	67.6	
47 Tetrahydrofuran	42	3.223	3.217	0.006	93	42364	40.0	40.6	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	99661	50.0	47.8	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	96	60986	20.0	17.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	297889	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.339	0.000	99	32164	100.0	86.9	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	95	53190	20.0	16.1	
52 Isooctane	57	3.436	3.442	-0.006	99	112639	20.0	21.8	
53 n-Heptane	57	3.534	3.534	0.000	94	26401	20.0	17.9	
54 Benzene	78	3.546	3.546	0.000	95	183839	20.0	17.6	
55 Propionitrile	54	3.570	3.570	0.000	71	79442	200.0	188.5	
56 Methacrylonitrile	67	3.589	3.589	0.001	94	215613	200.0	183.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	97	114999	50.0	45.7	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	133191	20.0	18.1	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	63103	20.0	17.7	
60 Isobutyl alcohol	43	3.784	3.784	0.000	96	59129	500.0	468.0	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	504170	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	206957	40.0	37.1	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	97615	20.0	18.6	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	63679	20.0	18.7	
64 Trichloroethene	130	4.058	4.058	0.000	95	47741	20.0	17.8	
66 n-Butanol	56	4.436	4.436	0.000	93	35403	500.0	467.9	
67 Dibromomethane	93	4.442	4.442	0.000	93	28707	20.0	18.8	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	89	47950	20.0	18.6	
69 Ethyl acrylate	55	4.607	4.613	-0.006	98	60160	20.0	18.9	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	60882	20.0	19.4	
71 Methyl methacrylate	100	4.814	4.814	0.000	91	27865	40.0	39.0	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	62	28622	1000.0	1000.0	
73 1,4-Dioxane	88	4.851	4.838	0.013	77	14255	400.0	458.8	
74 n-Propyl acetate	43	4.979	4.978	0.001	99	68895	20.0	17.4	
75 2-Chloroethyl vinyl ether	63	5.247	5.253	-0.006	97	29090	20.0	19.6	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	73740	20.0	19.3	
$ 77 Toluene-d8 (Surr)	98	5.485	5.484	0.001	99	396189	50.0	47.8	
78 Toluene	91	5.546	5.545	0.001	93	193511	20.0	18.0	
79 Epichlorohydrin	57	5.570	5.570	0.000	98	97503	400.0	395.9	
80 2-Nitropropane	41	5.808	5.814	-0.006	98	21682	40.0	34.4	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	50303	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	247517	100.0	104.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.052	6.051	0.001	95	64155	20.0	18.7	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	35686	20.0	19.0	
85 Ethyl methacrylate	69	6.314	6.307	0.007	89	56749	20.0	19.9	
86 Chlorodibromomethane	129	6.442	6.442	0.000	98	46333	20.0	19.3	
87 1,3-Dichloropropane	76	6.558	6.557	0.001	95	72146	20.0	18.8	
88 Ethylene Dibromide	107	6.692	6.692	0.000	98	43224	20.0	18.7	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	55863	20.0	30.4	
90 2-Hexanone	43	7.106	7.106	0.000	98	176768	100.0	101.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	386729	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	131693	20.0	18.6	
93 Ethylbenzene	106	7.496	7.502	-0.006	98	67077	20.0	18.6	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.527	0.006	95	44286	20.0	18.9	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	82396	20.0	18.6	
96 o-Xylene	106	8.319	8.313	0.006	95	80211	20.0	19.4	
97 Bromoform	173	8.380	8.386	-0.006	96	33194	20.0	18.5	
98 Styrene	104	8.405	8.405	0.000	97	138651	20.0	19.8	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	30923	20.0	18.1	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	207393	20.0	19.4	
101 Camphene	41	8.929	8.935	-0.006	94	13298	20.0	18.6	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	82562	20.0	18.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	151152	50.0	51.3	
104 Bromobenzene	156	9.301	9.301	0.000	93	63471	20.0	19.1	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	241248	20.0	18.7	
106 1,1,2,2-Tetrachloroethane	83	9.594	9.593	0.001	97	55651	20.0	18.9	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	174350	20.0	18.8	
108 4-Ethyltoluene	105	9.642	9.642	0.000	99	220174	20.0	18.8	
109 1,2,3-Trichloropropane	110	9.734	9.740	-0.006	98	17226	20.0	19.0	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	95	177508	20.0	18.9	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	87	16629	20.0	19.0	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	163246	20.0	19.2	
113 tert-Butylbenzene	119	10.270	10.270	0.000	96	148996	20.0	19.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	58144	20.0	15.3	
115 1,2,4-Trimethylbenzene	105	10.398	10.404	-0.006	97	194822	20.0	20.0	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	214331	20.0	19.4	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	98	121808	20.0	19.5	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	195022	20.0	20.6	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	94	229463	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.989	0.001	96	126060	20.0	18.9	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	208040	20.0	19.6	
122 Benzyl chloride	91	11.416	11.416	0.000	98	137248	20.0	18.7	
123 p-Diethylbenzene	119	11.429	11.428	0.001	95	117988	20.0	19.2	
124 n-Butylbenzene	91	11.496	11.502	-0.006	98	173961	20.0	19.1	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	120320	20.0	19.0	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.440	0.001	98	181677	20.0	16.0	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	13187	20.0	18.4	
128 1,3,5-Trichlorobenzene	180	12.630	12.629	0.001	97	99857	20.0	19.7	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	90903	20.0	19.2	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	98	36694	20.0	18.8	
131 Camphor	95	13.532	13.532	0.000	91	28998	100.0	84.0	
132 Naphthalene	128	13.568	13.568	0.000	99	205072	20.0	19.4	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	84752	20.0	19.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	35.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	38.0	
S 136 Total BTEX	1				0		100.0	92.2	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 19:48:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01909.D

Injection Date: 31-Jul-2015 20:53:30 Instrument ID: CVOAMS13 Operator ID:

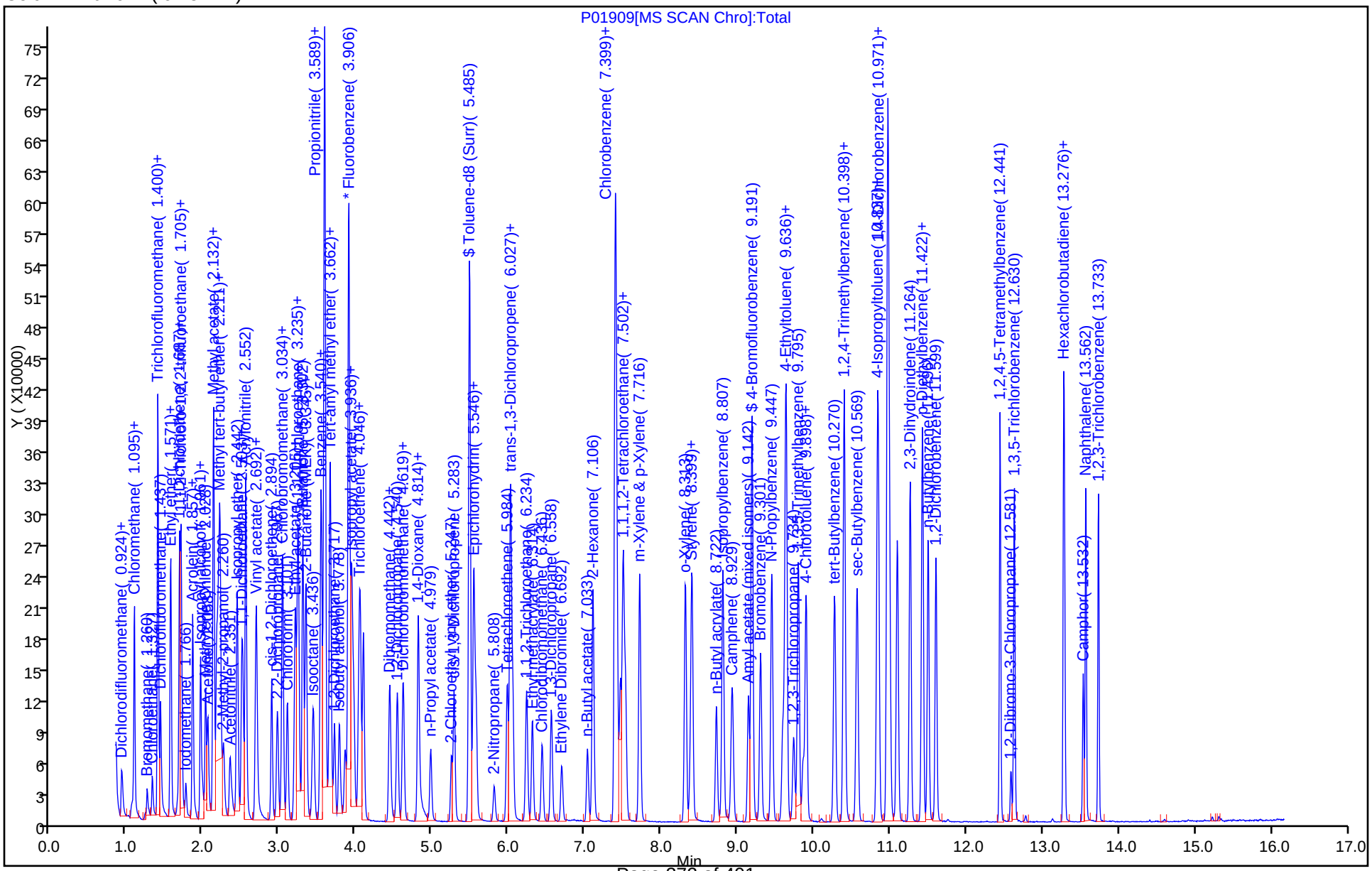
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-313995/5

Matrix: Water | Lab File ID: P01910.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 21:18

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26.1		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.080
75-34-3	1,1-Dichloroethane	19.0		1.0	0.24
75-35-4	1,1-Dichloroethene	19.5		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	20.2		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.22
107-06-2	1,2-Dichloroethane	18.2		1.0	0.25
78-87-5	1,2-Dichloropropane	19.8		1.0	0.18
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.33
123-91-1	1,4-Dioxane	408		50	8.7
78-93-3	2-Butanone (MEK)	91.3		5.0	2.2
591-78-6	2-Hexanone	103		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	0.63
67-64-1	Acetone	69.6		5.0	1.1
71-43-2	Benzene	19.4		1.0	0.090
75-25-2	Bromoform	19.3		1.0	0.18
74-83-9	Bromomethane	26.5		1.0	0.18
75-15-0	Carbon disulfide	18.2		1.0	0.22
56-23-5	Carbon tetrachloride	20.7		1.0	0.33
108-90-7	Chlorobenzene	19.6		1.0	0.24
74-97-5	Chlorobromomethane	20.2		1.0	0.30
124-48-1	Chlorodibromomethane	20.2		1.0	0.22
75-00-3	Chloroethane	20.1		1.0	0.37
67-66-3	Chloroform	19.9		1.0	0.22
74-87-3	Chloromethane	14.3		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.16
110-82-7	Cyclohexane	24.3		1.0	0.26
75-27-4	Dichlorobromomethane	19.9		1.0	0.15
75-71-8	Dichlorodifluoromethane	15.3		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-313995/5

Matrix: Water | Lab File ID: P01910.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 21:18

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313995 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	19.7		1.0	0.19
98-82-8	Isopropylbenzene	21.9		1.0	0.32
79-20-9	Methyl acetate	75.4		5.0	0.58
1634-04-4	Methyl tert-butyl ether	19.6		1.0	0.13
108-87-2	Methylcyclohexane	22.8		1.0	0.22
75-09-2	Methylene Chloride	19.8		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	20.4		1.0	0.28
95-47-6	o-Xylene	20.7		1.0	0.32
100-42-5	Styrene	21.2		1.0	0.17
127-18-4	Tetrachloroethene	20.9		1.0	0.12
108-88-3	Toluene	19.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.19
79-01-6	Trichloroethene	20.3		1.0	0.22
75-69-4	Trichlorofluoromethane	18.7		1.0	0.15
75-01-4	Vinyl chloride	16.5		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01910.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 31-Jul-2015 21:18:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0030286-005
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Aug-2015 19:48:35 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: kaewjindao Date: 03-Aug-2015 12:18:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	6325	20.0	29.7	
2 Dichlorodifluoromethane	85	0.936	0.937	-0.001	99	37122	20.0	15.3	
3 Vinyl chloride	62	1.089	1.089	0.000	98	47182	20.0	16.5	
4 Chloromethane	50	1.095	1.095	0.000	70	56782	20.0	14.3	
5 Butadiene	54	1.095	1.095	0.000	95	39036	20.0	15.6	
6 Bromomethane	94	1.260	1.260	0.000	97	16866	20.0	26.5	
7 Chloroethane	64	1.327	1.327	0.000	100	32723	20.0	20.1	
8 Pentane	72	1.400	1.400	0.000	96	17067	40.0	57.3	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	96	69945	20.0	18.7	
10 Dichlorofluoromethane	67	1.436	1.436	0.000	98	88359	20.0	18.6	
11 2-Methyl-1,3-butadiene	67	1.564	1.565	0.000	97	63549	20.0	20.1	
12 Ethyl ether	59	1.577	1.577	0.000	94	41777	20.0	18.6	
13 Ethanol	46	1.656	1.662	-0.006	98	7837	800.0	448.1	
14 1,1-Dichloroethene	96	1.686	1.686	0.000	98	42750	20.0	19.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.686	0.000	80	52232	20.0	17.8	
16 Carbon disulfide	76	1.705	1.705	0.000	99	153641	20.0	18.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	94	46023	20.0	26.1	
18 Iodomethane	142	1.766	1.772	-0.006	97	31085	20.0	14.9	
19 Cyclopentene	67	1.857	1.857	0.000	97	125163	20.0	20.0	
20 Acrolein	56	1.881	1.882	-0.001	92	3744	40.0	39.2	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	26790	20.0	20.6	
22 Isopropyl alcohol	45	1.985	1.985	0.000	98	39525	200.0	175.4	
23 Methylene Chloride	84	2.028	2.028	0.000	95	51171	20.0	19.8	
24 Acetone	43	2.058	2.058	0.000	86	90860	100.0	69.6	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	49013	20.0	19.0	
26 Methyl acetate	43	2.131	2.131	0.000	100	274950	100.0	75.4	
27 Hexane	57	2.174	2.174	0.000	96	99851	20.0	21.5	
28 Methyl tert-butyl ether	73	2.192	2.192	0.000	97	148541	20.0	19.6	
* 29 TBA-d9 (IS)	65	2.217	2.217	0.000	99	283179	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.259	2.266	-0.007	99	61723	200.0	186.6	
31 Acetonitrile	41	2.351	2.351	0.000	99	75752	200.0	187.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	96	168764	20.0	18.3	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	91	42266	20.0	20.6	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	100	89701	20.0	19.0	
35 Acrylonitrile	53	2.552	2.552	0.000	94	207128	200.0	182.2	
36 Tert-butyl ethyl ether	59	2.686	2.692	-0.006	87	151573	20.0	18.5	
38 Allyl alcohol	57	2.686	2.692	-0.006	46	76981	500.0	563.0	
37 Vinyl acetate	43	2.692	2.698	-0.006	100	50490	40.0	15.3	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	97	51141	20.0	19.8	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	69334	20.0	20.7	
41 Cyclohexane	56	3.034	3.034	0.000	94	77944	20.0	24.3	
42 Chlorobromomethane	128	3.040	3.040	0.000	89	26460	20.0	20.2	
43 Chloroform	83	3.101	3.101	0.000	99	81060	20.0	19.9	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	56419	20.0	20.7	
46 Methyl acrylate	55	3.204	3.204	0.000	67	46169	20.0	18.6	
45 Ethyl acetate	43	3.204	3.204	0.000	99	86254	40.0	67.6	
47 Tetrahydrofuran	42	3.217	3.217	-0.001	93	42527	40.0	41.4	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	97220	50.0	48.0	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	68262	20.0	20.1	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	292828	250.0	250.0	
50 2-Butanone (MEK)	72	3.338	3.339	-0.001	100	33219	100.0	91.3	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	96	61617	20.0	19.3	
52 Isooctane	57	3.436	3.442	-0.006	99	129678	20.0	25.9	
53 n-Heptane	57	3.534	3.534	0.000	94	30469	20.0	21.2	
54 Benzene	78	3.546	3.546	0.000	95	195823	20.0	19.4	
55 Propionitrile	54	3.570	3.570	0.000	19	79729	200.0	189.3	
56 Methacrylonitrile	67	3.588	3.589	0.000	93	218618	200.0	191.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	96	112720	50.0	46.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	135579	20.0	18.9	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	63187	20.0	18.2	
60 Isobutyl alcohol	43	3.777	3.784	-0.007	97	59914	500.0	474.5	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	489696	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	238570	40.0	44.1	
62 Isopropyl acetate	43	3.972	3.973	-0.001	99	97216	20.0	19.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	75398	20.0	22.8	
64 Trichloroethene	130	4.058	4.058	0.000	95	52756	20.0	20.3	
66 n-Butanol	56	4.436	4.436	0.000	92	36344	500.0	480.4	
67 Dibromomethane	93	4.442	4.442	0.000	92	28965	20.0	19.6	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	91	49574	20.0	19.8	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	60552	20.0	19.6	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	60657	20.0	19.9	
71 Methyl methacrylate	100	4.814	4.814	0.000	91	28623	40.0	41.2	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	39	31158	1000.0	1000.0	
73 1,4-Dioxane	88	4.832	4.838	-0.006	26	13784	400.0	407.5	
74 n-Propyl acetate	43	4.978	4.978	0.000	99	70922	20.0	18.5	
75 2-Chloroethyl vinyl ether	63	5.247	5.253	-0.006	96	28687	20.0	19.9	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	72950	20.0	19.8	
$ 77 Toluene-d8 (Surr)	98	5.484	5.484	0.000	99	393144	50.0	48.9	
78 Toluene	91	5.539	5.545	-0.006	93	206681	20.0	19.9	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	99157	400.0	409.6	
80 2-Nitropropane	41	5.807	5.814	-0.007	98	22431	40.0	36.6	
81 Tetrachloroethene	166	5.978	5.978	0.000	96	56920	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	246701	100.0	105.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.051	6.051	0.000	95	65437	20.0	19.7	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	35607	20.0	19.6	
85 Ethyl methacrylate	69	6.307	6.307	0.000	91	57592	20.0	20.8	
86 Chlorodibromomethane	129	6.435	6.442	-0.007	98	46817	20.0	20.2	
87 1,3-Dichloropropane	76	6.557	6.557	0.000	95	74001	20.0	19.9	
88 Ethylene Dibromide	107	6.698	6.692	0.006	98	44129	20.0	19.7	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	56433	20.0	31.8	
90 2-Hexanone	43	7.106	7.106	0.000	98	176639	100.0	103.3	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	374596	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	96	134809	20.0	19.6	
93 Ethylbenzene	106	7.502	7.502	0.000	98	72936	20.0	20.8	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.527	0.000	95	44591	20.0	19.7	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	87477	20.0	20.4	
96 o-Xylene	106	8.313	8.313	0.000	94	83040	20.0	20.7	
97 Bromoform	173	8.380	8.386	-0.006	98	33483	20.0	19.3	
98 Styrene	104	8.405	8.405	-0.001	96	144236	20.0	21.2	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	31840	20.0	19.2	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	226814	20.0	21.9	
101 Camphene	41	8.929	8.935	-0.006	95	15490	20.0	22.4	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	83054	20.0	18.3	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	153818	50.0	53.9	
104 Bromobenzene	156	9.301	9.301	0.000	93	65104	20.0	19.8	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	262617	20.0	20.6	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.593	0.000	98	55148	20.0	18.9	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	184773	20.0	20.1	
108 4-Ethyltoluene	105	9.636	9.642	-0.006	99	238058	20.0	20.5	
109 1,2,3-Trichloropropane	110	9.740	9.740	0.000	97	17175	20.0	19.2	
110 1,3,5-Trimethylbenzene	105	9.794	9.795	-0.001	93	193906	20.0	20.9	
111 trans-1,4-Dichloro-2-buten	53	9.855	9.856	-0.001	88	16216	20.0	18.8	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	171916	20.0	20.5	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	164577	20.0	21.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	58775	20.0	15.7	
115 1,2,4-Trimethylbenzene	105	10.398	10.404	-0.006	96	206838	20.0	21.5	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	99	240039	20.0	21.9	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	98	126150	20.0	20.5	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	215310	20.0	23.0	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	94	226892	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.989	0.000	97	131501	20.0	20.0	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	95	213410	20.0	20.4	
122 Benzyl chloride	91	11.416	11.416	0.000	98	142973	20.0	19.7	
123 p-Diethylbenzene	119	11.428	11.428	0.000	96	129432	20.0	21.3	
124 n-Butylbenzene	91	11.495	11.502	-0.007	97	193703	20.0	21.6	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	124237	20.0	19.9	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.440	0.000	98	190261	20.0	16.9	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	95	13341	20.0	18.8	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	104648	20.0	20.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	94333	20.0	20.2	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	39789	20.0	20.6	
131 Camphor	95	13.532	13.532	0.000	90	29456	100.0	86.3	
132 Naphthalene	128	13.562	13.568	-0.006	99	211531	20.0	20.2	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	88326	20.0	20.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	41.1	
S 136 Total BTEX	1				0		100.0	101.2	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 19:49:22 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30286.b\P01910.D

Injection Date: 31-Jul-2015 21:18:30 Instrument ID: CVOAMS13 Operator ID:

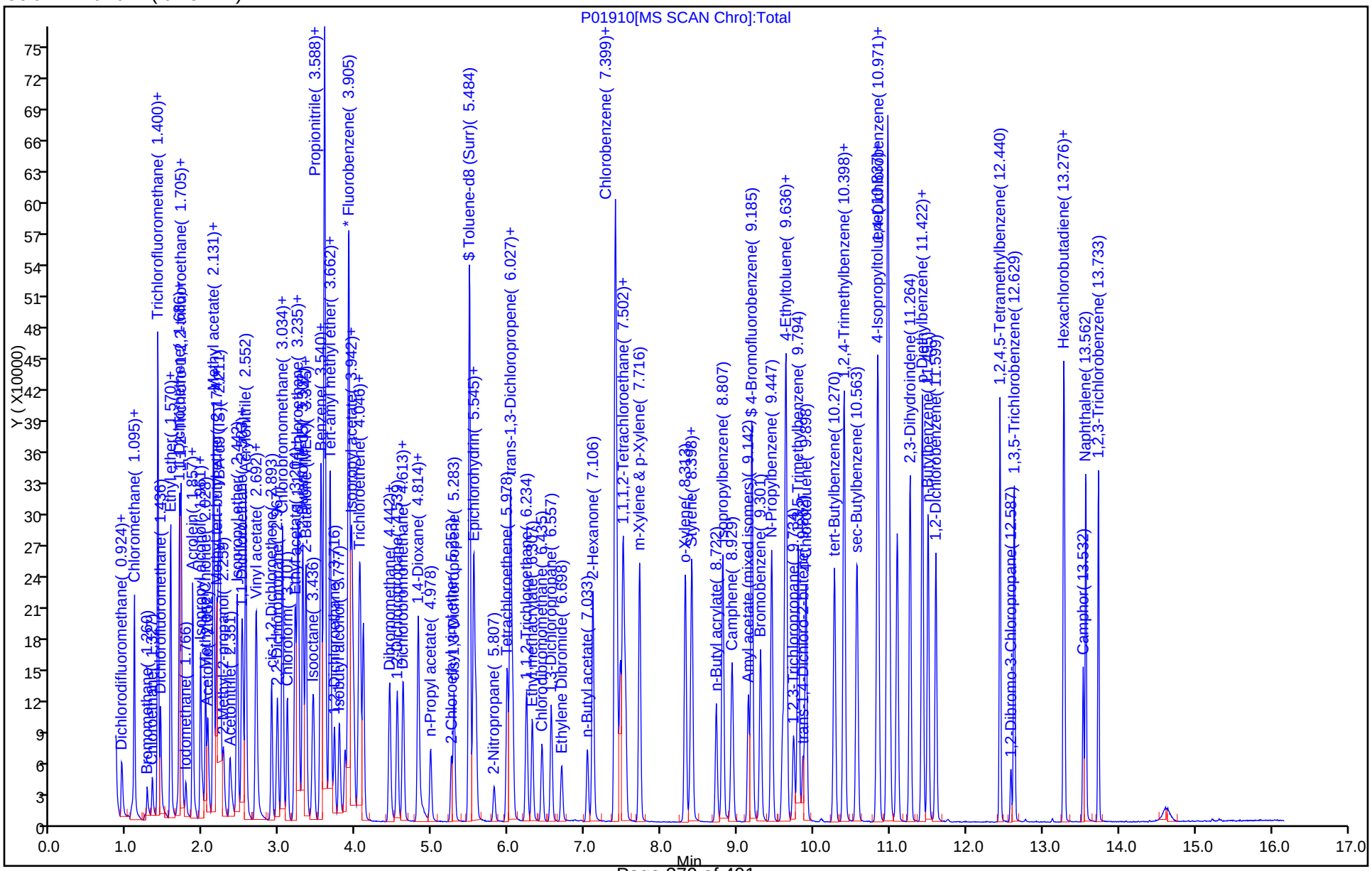
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98740-C-3 MS

Matrix: Water | Lab File ID: P01903.D

Analysis Method: 8260C | Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 18:01

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	199		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	187		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	256		10	3.4
79-00-5	1,1,2-Trichloroethane	192		10	0.80
75-34-3	1,1-Dichloroethane	186		10	2.4
75-35-4	1,1-Dichloroethene	198		10	3.4
87-61-6	1,2,3-Trichlorobenzene	190		10	3.5
120-82-1	1,2,4-Trichlorobenzene	192		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	186		10	2.3
95-50-1	1,2-Dichlorobenzene	189		10	2.2
107-06-2	1,2-Dichloroethane	174		10	2.5
78-87-5	1,2-Dichloropropane	189		10	1.8
541-73-1	1,3-Dichlorobenzene	195		10	3.3
106-46-7	1,4-Dichlorobenzene	191		10	3.3
123-91-1	1,4-Dioxane	3890		500	87
78-93-3	2-Butanone (MEK)	843		50	22
591-78-6	2-Hexanone	956		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	995		50	6.3
67-64-1	Acetone	620		50	11
71-43-2	Benzene	186		10	0.90
75-25-2	Bromoform	186		10	1.8
74-83-9	Bromomethane	143		10	1.8
75-15-0	Carbon disulfide	176		10	2.2
56-23-5	Carbon tetrachloride	211		10	3.3
108-90-7	Chlorobenzene	192		10	2.4
74-97-5	Chlorobromomethane	199		10	3.0
124-48-1	Chlorodibromomethane	192		10	2.2
75-00-3	Chloroethane	192		10	3.7
67-66-3	Chloroform	194		10	2.2
74-87-3	Chloromethane	153		10	2.2
156-59-2	cis-1,2-Dichloroethene	201		10	2.6
10061-01-5	cis-1,3-Dichloropropene	176		10	1.6
110-82-7	Cyclohexane	246		10	2.6
75-27-4	Dichlorobromomethane	191		10	1.5
75-71-8	Dichlorodifluoromethane	181		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98740-C-3 MS

Matrix: Water | Lab File ID: P01903.D

Analysis Method: 8260C | Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 18:01

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	199		10	3.0
106-93-4	Ethylene Dibromide	194		10	1.9
98-82-8	Isopropylbenzene	210		10	3.2
79-20-9	Methyl acetate	793		50	5.8
1634-04-4	Methyl tert-butyl ether	195		10	1.3
108-87-2	Methylcyclohexane	227		10	2.2
75-09-2	Methylene Chloride	179		10	2.1
179601-23-1	m-Xylene & p-Xylene	194		10	2.8
95-47-6	o-Xylene	199		10	3.2
100-42-5	Styrene	202		10	1.7
127-18-4	Tetrachloroethene	508		10	1.2
108-88-3	Toluene	190		10	2.5
156-60-5	trans-1,2-Dichloroethene	186		10	1.8
10061-02-6	trans-1,3-Dichloropropene	179		10	1.9
79-01-6	Trichloroethene	230		10	2.2
75-69-4	Trichlorofluoromethane	197		10	1.5
75-01-4	Vinyl chloride	168		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01903.D
Lims ID: 460-98740-C-3 MS
Client ID:
Sample Type: MS
Inject. Date: 31-Jul-2015 18:01:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-98740-C-3 MS
Misc. Info.: 460-0030277-026
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 19:35:52 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: starzecm Date: 31-Jul-2015 19:36:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	4645	20.0	22.7	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	98	42092	20.0	18.1	
3 Vinyl chloride	62	1.089	1.089	0.000	98	46266	20.0	16.8	
4 Chloromethane	50	1.095	1.095	0.000	72	58263	20.0	15.3	
5 Butadiene	54	1.095	1.095	0.000	94	40058	20.0	16.7	
6 Bromomethane	94	1.260	1.260	0.000	99	9143	20.0	14.3	
7 Chloroethane	64	1.327	1.327	0.000	99	29968	20.0	19.2	
8 Pentane	72	1.394	1.394	0.000	96	15863	40.0	51.3	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	95	70898	20.0	19.7	
10 Dichlorofluoromethane	67	1.437	1.437	-0.001	98	79803	20.0	17.6	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	65642	20.0	21.7	
12 Ethyl ether	59	1.577	1.577	0.000	94	39121	20.0	18.1	
13 Ethanol	46	1.674	1.674	0.000	34	12855	800.0	708.6	
14 1,1-Dichloroethene	96	1.686	1.680	0.006	98	41838	20.0	19.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.006	82	51540	20.0	18.4	
16 Carbon disulfide	76	1.699	1.699	0.000	100	142993	20.0	17.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	92	43408	20.0	25.6	
18 Iodomethane	142	1.766	1.766	0.000	97	14050	20.0	7.05	
19 Cyclopentene	67	1.857	1.857	0.000	97	125350	20.0	20.8	
20 Acrolein	56	1.882	1.882	0.000	92	3426	40.0	34.6	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	24891	20.0	19.9	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	41682	200.0	178.3	
23 Methylene Chloride	84	2.028	2.028	0.000	94	44528	20.0	17.9	
24 Acetone	43	2.058	2.064	-0.006	86	81840	100.0	62.0	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	95	46178	20.0	18.6	
26 Methyl acetate	43	2.138	2.138	0.000	100	277601	100.0	79.3	
27 Hexane	57	2.168	2.168	0.000	93	91657	20.0	20.6	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	96	142088	20.0	19.5	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	293745	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	62480	200.0	181.7	
31 Acetonitrile	41	2.351	2.351	0.000	98	71069	200.0	169.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	97	157758	20.0	17.8	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	90	41491	20.0	21.1	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	84260	20.0	18.6	
35 Acrylonitrile	53	2.552	2.558	-0.006	94	202428	200.0	185.6	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	137854	20.0	17.6	
38 Allyl alcohol	57	2.686	2.692	-0.006	50	71186	500.0	501.9	
37 Vinyl acetate	43	2.698	2.699	0.000	100	46471	40.0	14.7	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	49831	20.0	20.1	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	54000	20.0	16.8	
41 Cyclohexane	56	3.034	3.034	0.000	93	75738	20.0	24.6	
42 Chlorobromomethane	128	3.040	3.040	0.000	88	24982	20.0	19.9	
43 Chloroform	83	3.101	3.101	0.000	99	75869	20.0	19.4	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	55250	20.0	21.1	
46 Methyl acrylate	55	3.204	3.205	0.000	65	42703	20.0	17.9	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	41303	40.0	39.8	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	95290	50.0	49.1	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	64999	20.0	19.9	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	295864	250.0	250.0	
45 Ethyl acetate	43	3.339	3.345	-0.006	91	123611	40.0	95.9	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	100	30973	100.0	84.3	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	97	57200	20.0	18.6	
52 Isooctane	57	3.436	3.436	0.000	98	111720	20.0	23.2	
53 n-Heptane	57	3.534	3.534	0.000	94	26070	20.0	18.9	
54 Benzene	78	3.540	3.546	-0.006	95	180717	20.0	18.6	
55 Propionitrile	54	3.576	3.576	0.000	97	77167	200.0	176.6	
56 Methacrylonitrile	67	3.589	3.589	0.000	93	209518	200.0	191.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	98	109976	50.0	46.9	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	123689	20.0	18.0	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	57970	20.0	17.4	
60 Isobutyl alcohol	43	3.784	3.790	-0.006	96	60082	500.0	458.7	
* 61 Fluorobenzene	96	3.899	3.906	-0.007	99	469846	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	220153	40.0	42.4	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	90061	20.0	18.4	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	72095	20.0	22.7	
64 Trichloroethene	130	4.058	4.052	0.006	95	57395	20.0	23.0	
66 n-Butanol	56	4.436	4.442	-0.006	73	32675	500.0	417.4	
67 Dibromomethane	93	4.442	4.442	0.000	91	26740	20.0	18.8	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	91	45464	20.0	18.9	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	56330	20.0	19.0	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	55813	20.0	19.1	
71 Methyl methacrylate	100	4.814	4.814	0.000	91	26370	40.0	39.6	
* 72 1,4-Dioxane-d8	96	4.808	4.814	-0.006	81	31913	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.857	-0.019	89	13474	400.0	389.0	
74 n-Propyl acetate	43	4.979	4.979	-0.001	99	67422	20.0	18.3	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	62589	20.0	17.6	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	374076	50.0	48.3	
78 Toluene	91	5.539	5.539	0.000	93	190609	20.0	19.0	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	81820	400.0	334.5	
80 2-Nitropropane	41	5.808	5.808	0.000	99	20580	40.0	35.0	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	133206	20.0	50.8	
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	235270	100.0	99.5	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	57404	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	33591	20.0	19.2	
85 Ethyl methacrylate	69	6.314	6.314	0.000	90	51958	20.0	19.6	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	42943	20.0	19.2	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	66988	20.0	18.7	
88 Ethylene Dibromide	107	6.692	6.698	-0.006	97	41913	20.0	19.4	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	51350	20.0	30.0	
90 2-Hexanone	43	7.106	7.106	0.000	98	165262	100.0	95.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	360807	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	96	127130	20.0	19.2	
93 Ethylbenzene	106	7.496	7.496	0.000	98	67171	20.0	19.9	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.527	0.006	94	42297	20.0	19.4	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	80318	20.0	19.4	
96 o-Xylene	106	8.313	8.313	0.000	94	76842	20.0	19.9	
97 Bromoform	173	8.386	8.380	0.006	95	31085	20.0	18.6	
98 Styrene	104	8.405	8.399	0.006	96	132353	20.0	20.2	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	29303	20.0	18.4	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	210182	20.0	21.0	
101 Camphene	41	8.929	8.923	0.006	94	6095	20.0	9.16	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	75161	20.0	17.2	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	148095	50.0	53.8	
104 Bromobenzene	156	9.301	9.301	0.000	95	59634	20.0	18.8	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	243788	20.0	19.9	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	97	52690	20.0	18.7	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	170874	20.0	19.3	
108 4-Ethyltoluene	105	9.642	9.636	0.006	98	218680	20.0	19.5	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	98	16729	20.0	19.4	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	95	177843	20.0	19.8	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	89	14551	20.0	17.5	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	156707	20.0	19.3	
113 tert-Butylbenzene	119	10.270	10.270	0.000	96	151019	20.0	20.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	96	52536	20.0	14.5	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	185259	20.0	20.0	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	222797	20.0	21.1	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	98	115976	20.0	19.5	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	197385	20.0	21.8	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	93	218723	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	97	121148	20.0	19.1	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	196635	20.0	19.5	
122 Benzyl chloride	91	11.416	11.416	0.000	97	106300	20.0	15.3	
123 p-Diethylbenzene	119	11.428	11.429	0.000	94	114793	20.0	19.6	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	173548	20.0	20.0	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	113868	20.0	18.9	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	0.000	98	174032	20.0	16.0	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	12723	20.0	18.6	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	92490	20.0	19.2	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	86474	20.0	19.2	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	35217	20.0	18.9	
131 Camphor	95	13.532	13.532	0.000	91	27078	100.0	82.3	
132 Naphthalene	128	13.562	13.562	0.000	99	201755	20.0	20.0	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	80345	20.0	19.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 135 Xylenes, Total	100				0		40.0	39.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	96.8	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00112	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

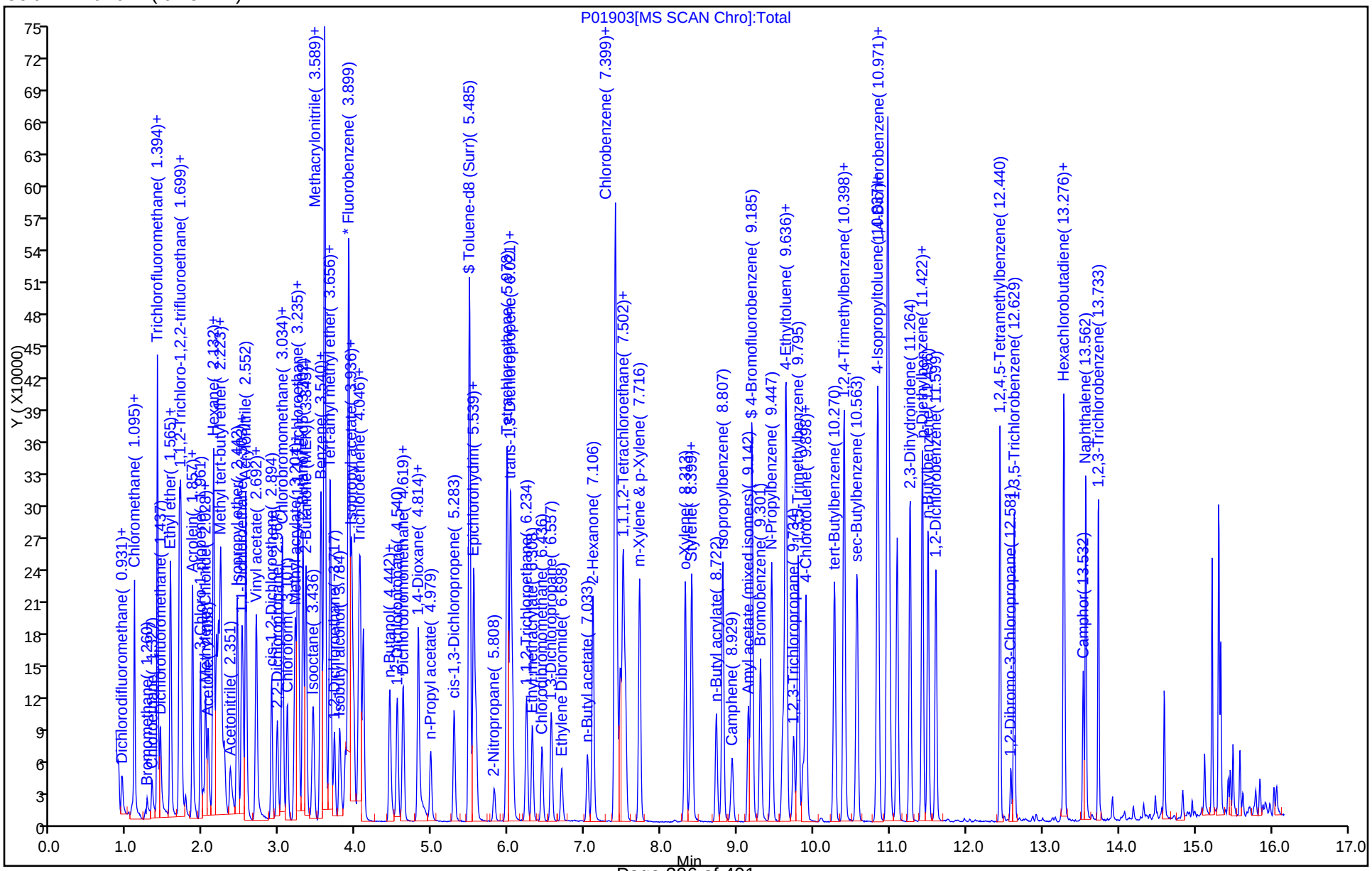
Report Date: 31-Jul-2015 19:36:28 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01903.D

Injection Date:	31-Jul-2015 18:01:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-C-3 MS			Worklist Smp#:	26
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	26
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98740-C-3 MSD

Matrix: Water | Lab File ID: P01904.D

Analysis Method: 8260C | Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 18:26

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	190		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	188		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	255		10	3.4
79-00-5	1,1,2-Trichloroethane	190		10	0.80
75-34-3	1,1-Dichloroethane	179		10	2.4
75-35-4	1,1-Dichloroethene	188		10	3.4
87-61-6	1,2,3-Trichlorobenzene	191		10	3.5
120-82-1	1,2,4-Trichlorobenzene	188		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	191		10	2.3
95-50-1	1,2-Dichlorobenzene	187		10	2.2
107-06-2	1,2-Dichloroethane	175		10	2.5
78-87-5	1,2-Dichloropropane	181		10	1.8
541-73-1	1,3-Dichlorobenzene	189		10	3.3
106-46-7	1,4-Dichlorobenzene	184		10	3.3
123-91-1	1,4-Dioxane	2000		500	87
78-93-3	2-Butanone (MEK)	837		50	22
591-78-6	2-Hexanone	958		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	979		50	6.3
67-64-1	Acetone	602		50	11
71-43-2	Benzene	180		10	0.90
75-25-2	Bromoform	181		10	1.8
74-83-9	Bromomethane	164		10	1.8
75-15-0	Carbon disulfide	172		10	2.2
56-23-5	Carbon tetrachloride	204		10	3.3
108-90-7	Chlorobenzene	185		10	2.4
74-97-5	Chlorobromomethane	193		10	3.0
124-48-1	Chlorodibromomethane	186		10	2.2
75-00-3	Chloroethane	185		10	3.7
67-66-3	Chloroform	190		10	2.2
74-87-3	Chloromethane	146		10	2.2
156-59-2	cis-1,2-Dichloroethene	197		10	2.6
10061-01-5	cis-1,3-Dichloropropene	174		10	1.6
110-82-7	Cyclohexane	238		10	2.6
75-27-4	Dichlorobromomethane	189		10	1.5
75-71-8	Dichlorodifluoromethane	185		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98740-C-3 MSD

Matrix: Water | Lab File ID: P01904.D

Analysis Method: 8260C | Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 18:26

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	187		10	3.0
106-93-4	Ethylene Dibromide	187		10	1.9
98-82-8	Isopropylbenzene	204		10	3.2
79-20-9	Methyl acetate	810		50	5.8
1634-04-4	Methyl tert-butyl ether	192		10	1.3
108-87-2	Methylcyclohexane	219		10	2.2
75-09-2	Methylene Chloride	181		10	2.1
179601-23-1	m-Xylene & p-Xylene	188		10	2.8
95-47-6	o-Xylene	192		10	3.2
100-42-5	Styrene	194		10	1.7
127-18-4	Tetrachloroethene	484		10	1.2
108-88-3	Toluene	185		10	2.5
156-60-5	trans-1,2-Dichloroethene	179		10	1.8
10061-02-6	trans-1,3-Dichloropropene	181		10	1.9
79-01-6	Trichloroethene	218		10	2.2
75-69-4	Trichlorofluoromethane	190		10	1.5
75-01-4	Vinyl chloride	163		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01904.D
Lims ID: 460-98740-C-3 MSD
Client ID:
Sample Type: MSD
Inject. Date: 31-Jul-2015 18:26:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-98740-C-3 MSD
Misc. Info.: 460-0030277-027
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 17:47:00 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: starzecm Date: 31-Jul-2015 19:52:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	5002	20.0	24.0	
2 Dichlorodifluoromethane	85	0.937	0.937	-0.001	98	43932	20.0	18.5	
3 Vinyl chloride	62	1.089	1.089	0.000	98	45655	20.0	16.3	
4 Chloromethane	50	1.095	1.095	0.000	84	56814	20.0	14.6	
5 Butadiene	54	1.095	1.095	0.000	94	40013	20.0	16.4	
6 Bromomethane	94	1.266	1.260	0.006	98	11255	20.0	16.4	
7 Chloroethane	64	1.327	1.327	0.000	99	29498	20.0	18.5	
8 Pentane	72	1.394	1.394	0.000	97	16604	40.0	50.3	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	98	69802	20.0	19.0	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	78652	20.0	16.9	
11 2-Methyl-1,3-butadiene	67	1.564	1.565	-0.001	98	65218	20.0	21.1	
12 Ethyl ether	59	1.577	1.577	0.000	95	40910	20.0	18.6	
13 Ethanol	46	1.674	1.674	0.000	98	12315	800.0	636.2	
14 1,1-Dichloroethene	96	1.686	1.680	0.006	98	40465	20.0	18.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	0.000	90	51679	20.0	18.0	
16 Carbon disulfide	76	1.699	1.699	0.000	100	142956	20.0	17.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.705	0.006	91	44054	20.0	25.5	
18 Iodomethane	142	1.766	1.766	0.000	97	17358	20.0	8.53	
19 Cyclopentene	67	1.857	1.857	0.000	97	124005	20.0	20.2	
20 Acrolein	56	1.881	1.882	-0.001	92	3390	40.0	32.1	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	25177	20.0	19.8	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	44348	200.0	177.8	
23 Methylene Chloride	84	2.028	2.028	0.000	95	45901	20.0	18.1	
24 Acetone	43	2.058	2.064	-0.006	86	84333	100.0	60.2	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	45291	20.0	17.9	
26 Methyl acetate	43	2.137	2.138	-0.001	100	289227	100.0	81.0	
27 Hexane	57	2.168	2.168	0.000	91	89469	20.0	19.7	
28 Methyl tert-butyl ether	73	2.198	2.199	-0.001	96	142732	20.0	19.2	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	313421	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	67571	200.0	184.4	
31 Acetonitrile	41	2.351	2.351	0.000	98	76907	200.0	172.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.442	0.000	96	158815	20.0	17.5	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	91	39909	20.0	19.9	
34 1,1-Dichloroethane	63	2.515	2.516	-0.001	100	82816	20.0	17.9	
35 Acrylonitrile	53	2.558	2.558	0.000	94	210421	200.0	189.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	141132	20.0	17.6	
38 Allyl alcohol	57	2.692	2.692	0.000	48	70565	500.0	466.3	
37 Vinyl acetate	43	2.698	2.699	0.000	100	47173	40.0	14.6	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	98	49985	20.0	19.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	53449	20.0	16.3	
41 Cyclohexane	56	3.034	3.034	0.000	93	74843	20.0	23.8	
42 Chlorobromomethane	128	3.040	3.040	0.000	88	24712	20.0	19.3	
43 Chloroform	83	3.101	3.101	0.000	99	75862	20.0	19.0	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	54544	20.0	20.4	
46 Methyl acrylate	55	3.204	3.205	0.000	66	44552	20.0	18.3	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	44115	40.0	40.1	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	95316	50.0	48.1	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	63393	20.0	19.0	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	313590	250.0	250.0	
45 Ethyl acetate	43	3.338	3.345	-0.007	91	130319	40.0	95.4	
50 2-Butanone (MEK)	72	3.338	3.345	-0.007	99	32598	100.0	83.7	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	98	57521	20.0	18.4	
52 Isooctane	57	3.436	3.436	0.000	99	112958	20.0	23.0	
53 n-Heptane	57	3.534	3.534	0.000	95	24800	20.0	17.7	
54 Benzene	78	3.546	3.546	0.000	96	180417	20.0	18.0	
55 Propionitrile	54	3.576	3.576	0.000	98	80240	200.0	172.2	
56 Methacrylonitrile	67	3.588	3.589	-0.001	94	216272	200.0	193.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	110598	50.0	46.2	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	126970	20.0	18.1	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	59459	20.0	17.5	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	62134	500.0	444.6	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	479551	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	219335	40.0	41.4	
62 Isopropyl acetate	43	3.972	3.973	-0.001	97	95870	20.0	19.2	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	70844	20.0	21.9	
64 Trichloroethene	130	4.058	4.052	0.006	96	55545	20.0	21.8	
66 n-Butanol	56	4.442	4.442	0.000	67	37822	500.0	452.2	
67 Dibromomethane	93	4.442	4.442	0.000	92	27719	20.0	19.1	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	90	44493	20.0	18.1	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	59872	20.0	19.8	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	56433	20.0	18.9	
71 Methyl methacrylate	100	4.814	4.814	0.000	91	27040	40.0	39.8	
* 72 1,4-Dioxane-d8	96	4.814	4.814	0.000	75	34502	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.857	-0.019	89	7491	400.0	200.0	
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	70168	20.0	18.7	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	63867	20.0	17.4	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	378204	50.0	47.5	
78 Toluene	91	5.545	5.539	0.006	93	190549	20.0	18.5	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	86451	400.0	333.4	
80 2-Nitropropane	41	5.808	5.808	0.000	99	21730	40.0	36.2	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	130657	20.0	48.4	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	245438	100.0	97.9	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	59764	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	34158	20.0	19.0	
85 Ethyl methacrylate	69	6.313	6.314	-0.001	90	54761	20.0	20.2	
86 Chlorodibromomethane	129	6.442	6.436	0.006	97	42811	20.0	18.6	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	68427	20.0	18.6	
88 Ethylene Dibromide	107	6.691	6.698	-0.007	99	41589	20.0	18.7	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	54837	20.0	31.1	
90 2-Hexanone	43	7.106	7.106	0.000	98	175398	100.0	95.8	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	84	371463	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	96	126235	20.0	18.5	
93 Ethylbenzene	106	7.502	7.496	0.006	98	64797	20.0	18.7	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.527	0.000	95	42102	20.0	18.7	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	79958	20.0	18.8	
96 o-Xylene	106	8.313	8.313	0.000	94	76250	20.0	19.2	
97 Bromoform	173	8.380	8.380	0.000	94	31165	20.0	18.1	
98 Styrene	104	8.405	8.399	0.006	96	130887	20.0	19.4	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	29818	20.0	18.2	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	209696	20.0	20.4	
101 Camphene	41	8.929	8.923	0.006	95	5701	20.0	8.32	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	77537	20.0	17.3	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	148962	50.0	52.6	
104 Bromobenzene	156	9.301	9.301	0.000	93	60417	20.0	18.6	
105 N-Propylbenzene	91	9.447	9.447	0.000	100	241624	20.0	19.2	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	97	54064	20.0	18.8	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	165694	20.0	18.3	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	218116	20.0	19.0	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	97	16909	20.0	19.1	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	178318	20.0	19.4	
111 trans-1,4-Dichloro-2-buten	53	9.849	9.856	-0.007	85	15286	20.0	17.9	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	156236	20.0	18.8	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	152208	20.0	20.0	
114 Butyl Methacrylate	87	10.392	10.392	0.000	96	54380	20.0	14.7	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	189007	20.0	19.9	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	221290	20.0	20.5	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	115084	20.0	18.9	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	197589	20.0	21.3	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	224039	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.990	-0.001	96	119737	20.0	18.4	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	196833	20.0	19.0	
122 Benzyl chloride	91	11.416	11.416	0.000	97	107275	20.0	15.0	
123 p-Diethylbenzene	119	11.428	11.429	0.000	95	115885	20.0	19.3	
124 n-Butylbenzene	91	11.495	11.496	-0.001	98	174228	20.0	19.6	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	115191	20.0	18.7	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	0.000	98	173211	20.0	15.6	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	13341	20.0	19.1	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	93491	20.0	18.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	86715	20.0	18.8	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	35586	20.0	18.7	
131 Camphor	95	13.532	13.532	0.000	92	29189	100.0	86.6	
132 Naphthalene	128	13.562	13.562	0.000	99	210850	20.0	20.4	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	82759	20.0	19.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 135 Xylenes, Total	100				0		40.0	38.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	93.1	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00112	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

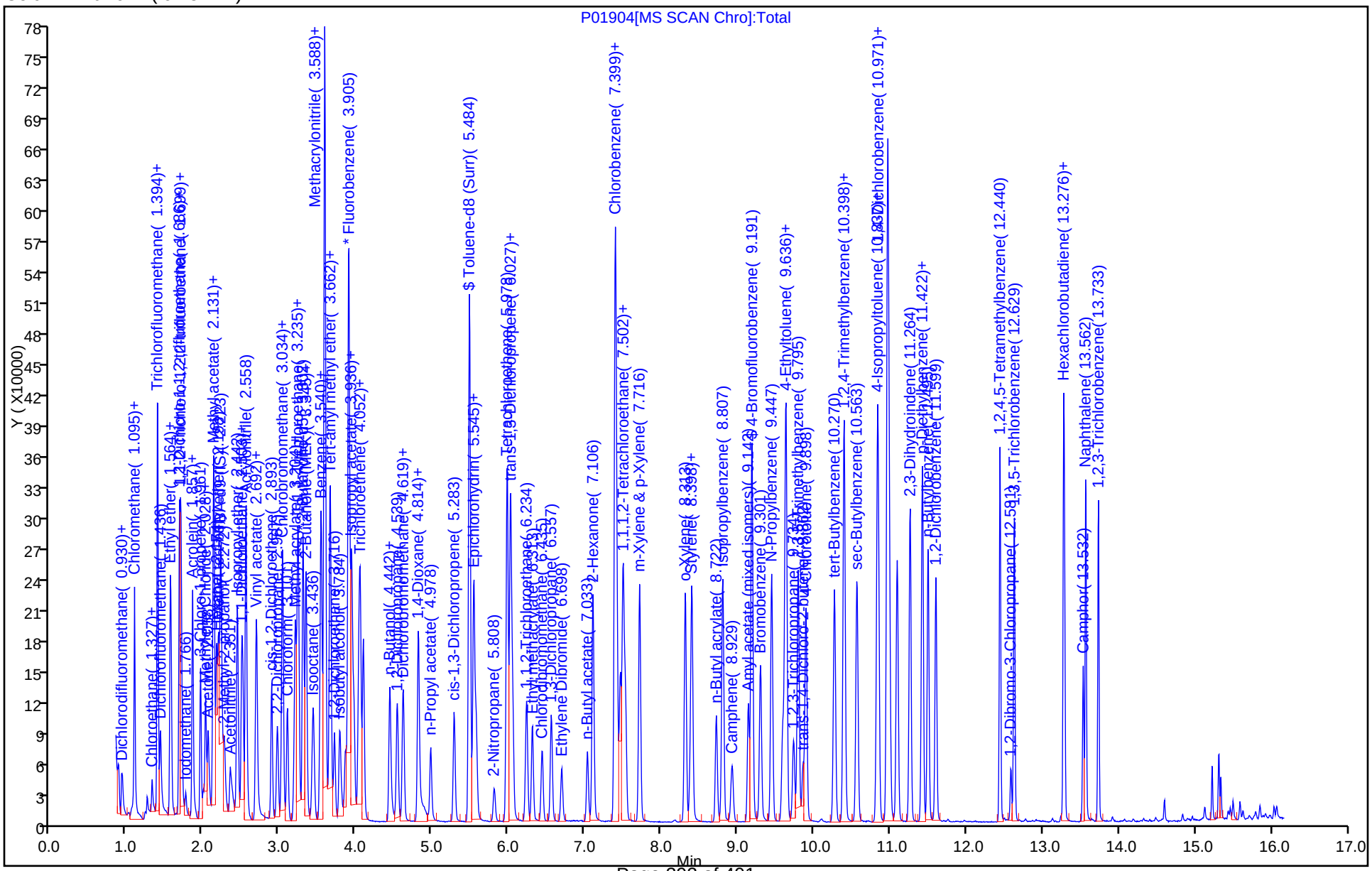
Report Date: 31-Jul-2015 19:52:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150731-30277.b\P01904.D

Injection Date:	31-Jul-2015 18:26:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-98740-C-3 MSD			Worklist Smp#:	27
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	27
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/29/2015 13:17

Analysis Batch Number: 313467 End Date: 07/29/2015 23:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313467/1		07/29/2015 13:17	1	P01801.D	Rtx-624 0.25(mm)
STD05 460-313467/3 IC		07/29/2015 14:10	1	P01803.D	Rtx-624 0.25(mm)
STD5 460-313467/5 IC		07/29/2015 15:00	1	P01805.D	Rtx-624 0.25(mm)
STD20 460-313467/6 ICIS		07/29/2015 15:26	1	P01806.D	Rtx-624 0.25(mm)
STD50 460-313467/7 IC		07/29/2015 15:51	1	P01807.D	Rtx-624 0.25(mm)
STD200 460-313467/8 IC		07/29/2015 16:16	1	P01808.D	Rtx-624 0.25(mm)
STD500 460-313467/9 IC		07/29/2015 16:41	1	P01809.D	Rtx-624 0.25(mm)
STD8 460-313467/12 IC		07/29/2015 17:56	1	P01812.D	Rtx-624 0.25(mm)
STD1 460-313467/17 IC		07/29/2015 20:18	1	P01817.D	Rtx-624 0.25(mm)
ICV 460-313467/19		07/29/2015 23:29	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/31/2015 07:44

Analysis Batch Number: 313902 End Date: 07/31/2015 18:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313902/1		07/31/2015 07:44	1	P01878.D	Rtx-624 0.25(mm)
CCVIS 460-313902/2		07/31/2015 07:59	1	P01879.D	Rtx-624 0.25(mm)
LCS 460-313902/3		07/31/2015 08:24	1	P01880.D	Rtx-624 0.25(mm)
MB 460-313902/6		07/31/2015 09:40	1	P01883.D	Rtx-624 0.25(mm)
460-98740-6	FB-5	07/31/2015 10:05	1	P01884.D	Rtx-624 0.25(mm)
460-98740-11	FB-6	07/31/2015 10:30	1	P01885.D	Rtx-624 0.25(mm)
460-98740-16	FB-7	07/31/2015 10:55	1	P01886.D	Rtx-624 0.25(mm)
460-98740-17	Trip Blank	07/31/2015 11:20	1	P01887.D	Rtx-624 0.25(mm)
460-98740-1	MW-19	07/31/2015 11:45	1	P01888.D	Rtx-624 0.25(mm)
460-98740-2	MW-08	07/31/2015 12:10	1	P01889.D	Rtx-624 0.25(mm)
460-98740-9	MW-34	07/31/2015 13:51	1	P01893.D	Rtx-624 0.25(mm)
460-98740-10	MW-56	07/31/2015 14:16	1	P01894.D	Rtx-624 0.25(mm)
460-98740-12	MW-54	07/31/2015 14:41	1	P01895.D	Rtx-624 0.25(mm)
460-98740-13	MW-55	07/31/2015 15:06	1	P01896.D	Rtx-624 0.25(mm)
460-98740-14	MW-51	07/31/2015 15:31	1	P01897.D	Rtx-624 0.25(mm)
460-98740-7	MW-20	07/31/2015 15:56	1	P01898.D	Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 16:21	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 16:46	1		Rtx-624 0.25(mm)
ZZZZZ		07/31/2015 17:11	10		Rtx-624 0.25(mm)
460-98740-15	MW-50	07/31/2015 17:36	1	P01902.D	Rtx-624 0.25(mm)
460-98740-C-3 MS		07/31/2015 18:01	10	P01903.D	Rtx-624 0.25(mm)
460-98740-C-3 MSD		07/31/2015 18:26	10	P01904.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/31/2015 19:10

Analysis Batch Number: 313995 End Date: 08/01/2015 06:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313995/1		07/31/2015 19:10	1	P01906.D	Rtx-624 0.25(mm)
CCVIS 460-313995/3		07/31/2015 20:16	1	P01908.D	Rtx-624 0.25(mm)
LCS 460-313995/4		07/31/2015 20:53	1	P01909.D	Rtx-624 0.25(mm)
LCSD 460-313995/5		07/31/2015 21:18	1	P01910.D	Rtx-624 0.25(mm)
MB 460-313995/8		07/31/2015 22:33	1	P01913.D	Rtx-624 0.25(mm)
460-98740-8	MW-26	07/31/2015 22:58	1	P01914.D	Rtx-624 0.25(mm)
460-98740-5	MW-44	07/31/2015 23:23	1	P01915.D	Rtx-624 0.25(mm)
460-98740-4	MW-07	07/31/2015 23:48	1	P01916.D	Rtx-624 0.25(mm)
460-98740-3	MW-08D	08/01/2015 00:13	1	P01917.D	Rtx-624 0.25(mm)
ZZZZZ		08/01/2015 05:14	1		Rtx-624 0.25(mm)
ZZZZZ		08/01/2015 05:39	1		Rtx-624 0.25(mm)
ZZZZZ		08/01/2015 06:04	1		Rtx-624 0.25(mm)
ZZZZZ		08/01/2015 06:29	5		Rtx-624 0.25(mm)

Shipping and Receiving Documents

30

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANAL

460-98740 Chain of Custody

ham Road
Jersey 08817
549-3900 Fax: (732) 549-3679

Page ____ of ____

Name (for report and invoice): Jeff Bohlen
Samplers Name (Printed): N. Cardoza, C. Bakowicz
Site/Project Identification: 1st Ave and 90th St.
Company: Enviroteac LTD.
P. O. #
State (Location of site): NJ: [ ] NY: [X] Other:
Regulatory Program:
Address: 5 Old Dock Rd.
City: Yaphank, State: N.Y.
Phone: 631-924-3001 Fax: —

Analysis Turnaround Time
Standard [X]
Rush Charges Authorized For:
2 Week [ ]
1 Week [ ]
Other [ ] ______

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 98740

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260-TCL VOC's +10	Sample Numbers
MW-19	7-24-15	9:18	GW	3	X	1
MW-08	7-24-15	10:44	GW	3	X	2
MW-08D	7-24-15	11:48	GW	3	X	3
MW-07	7-24-15	13:05	GW	3	X	4
MW-44	7-24-15	14:06	GW	3	X	5
FB-5	7-24-15	14:25	GW	2	X	6
MW-20	7-27-15	9:05	GW	3	X	7
MW-26	7-27-15	10:43	GW	3	X	8
MW-34	7-27-15	12:34	GW	3	X	9
MW-56	7-27-15	14:05	GW	3	X	10

Preservation Used: 1 = ICE, (2) = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH   Soil:
6 = Other ______, 7 = Other ______   Water: 40ml VOA (HCl)

Special Instructions ______   Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Enviroteac LTD	7/29/15 7:35 / 7-28-15 17:00	1) [signature]	T. A
2) [signature]	T. A	7/29/15 18:00	2) [signature]	TA Ed 7/29/15 18:00
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL-0016 (0408)
Massachusetts (M-NJ312), North Carolina (No. 578) 1.7 / 3.7 IR# 8 NoCs

18

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 · Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Jeff Bohlen
Company: EnviroTrac LTD.
Address: 5 Old Dock Rd.
City: Yaphank, State: N.Y.
Phone: 631-924-3001 Fax:

Samplers Name (Printed): V. Cardoza / C. Bakewicz
P. O. #:

Site/Project Identification: 1st Ave and 90th Ave.
State (Location of site): NJ: [ ] NY: [X] Other:
Regulatory Program:

Analysis Turnaround Time
Standard [X]
Rush Charges Authorized For:
2 Week [ ]
1 Week [ ]
Other [ ]

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 98740

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260 - TCL VOC's + 10	Sample Numbers
FB-6	7-27-15	14:36	GW	2	X	11
MW-54	7-28-15	9:26	GW	3	X	12
MW-55	7-28-15	10:45	GW	3	X	13
MW-51	7-28-15	12:08	GW	3	X	14
MW-50	7-28-15	13:54	GW	3	X	15
FB-7	7-28-15	14:06	GW	2	X	16
Trip Blank	7-28-15	-	GW	2	X	17

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other ______, 7 = Other ______ Water: 40 ml VOA (HCl)

Special Instructions:

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	EnviroTrac LTD.	7-28-15 17:00	1) [signature]	TA
2) [signature]	TA	7/29/15 18:00	2) [signature]	TA 60 7/29/15 18:00
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 98740

Number of Coolers: 1 IR Gun # 6

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.7 °C	3.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 7/29/15

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 460-98740-1

Login Number: 98740 **List Source: TestAmerica Edison**
List Number: 1
Creator: Elvie, Cloide

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4°C IR#5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-98871-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017

Attention: David Harrington

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
8/10/2015 12:17 PM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
08/10/2015

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

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

Job Number: 460-98871-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

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

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
8/10/2015 12:17 PM

Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC 1st Ave and 90th St; Site: 231008

Report Number: 460-98871-1

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

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

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

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

RECEIPT
The samples were received on 07/31/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.5 C.

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

VOLATILE ORGANICS
Samples MW-52 (460-98871-1), MW-59 (460-98871-2), MW-03 (460-98871-3), MW-22 (460-98871-4), FB-8 (460-98871-5), MW-36 (460-98871-6), MW-06 (460-98871-7), MW-24 (460-98871-8), MW-43 (460-98871-9) and FB-9 (460-98871-10) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/06/2015 and 08/07/2015.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 314889 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method(s) 8260C: The peak observed at 12.6 minutes is column bleed and therefore not reported as TICs in the following samples: FB-9 (460-98871-10)

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 460-315171 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane (biased high) and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-98871-1	MW-52	Water	07/29/2015 0925	07/31/2015 1630
460-98871-2	MW-59	Water	07/29/2015 1045	07/31/2015 1630
460-98871-3	MW-03	Water	07/29/2015 1220	07/31/2015 1630
460-98871-4	MW-22	Water	07/29/2015 1330	07/31/2015 1630
460-98871-5FB	FB-8	Water	07/29/2015 1404	07/31/2015 1630
460-98871-6	MW-36	Water	07/30/2015 0955	07/31/2015 1630
460-98871-7	MW-06	Water	07/30/2015 1110	07/31/2015 1630
460-98871-8	MW-24	Water	07/30/2015 1301	07/31/2015 1630
460-98871-9	MW-43	Water	07/30/2015 1440	07/31/2015 1630
460-98871-10FB	FB-9	Water	07/30/2015 1515	07/31/2015 1630

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-98871-2	**MW-59**					
Chloroform		18		1.0	ug/L	8260C
Dichlorobromomethane		0.75	J	1.0	ug/L	8260C
460-98871-3	**MW-03**					
Chloroform		0.83	J	1.0	ug/L	8260C
460-98871-5FB	**FB-8**					
1,4-Dichlorobenzene		0.90	J	1.0	ug/L	8260C
460-98871-6	**MW-36**					
Chloroform		0.90	J	1.0	ug/L	8260C
460-98871-8	**MW-24**					
Methyl tert-butyl ether		0.28	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 460-98871-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C. Job Number: 460-98871-1

Method	Analyst	Analyst ID
SW846 8260C	Moroney, Christopher J	CJM
SW846 8260C	Starzec, Margaret	MZS

Client Sample ID: **MW-52**

Lab Sample ID: 460-98871-1 Date Sampled: 07/29/2015 0925
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29706.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1340			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1340				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-52

Lab Sample ID: 460-98871-1 Date Sampled: 07/29/2015 0925
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29706.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1340			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1340				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene	89		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	90		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-52**

Lab Sample ID: 460-98871-1 Date Sampled: 07/29/2015 0925
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29706.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1340			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1340				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-59

Lab Sample ID: 460-98871-2 Date Sampled: 07/29/2015 1045
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29707.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1405			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1405				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	18		0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	0.75	J	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-59

Lab Sample ID: 460-98871-2 Date Sampled: 07/29/2015 1045
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29707.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1405			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1405				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
4-Bromofluorobenzene	90		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	91		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-59**

Lab Sample ID: 460-98871-2 Date Sampled: 07/29/2015 1045
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29707.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1405			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1405				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-03**

Lab Sample ID: 460-98871-3 Date Sampled: 07/29/2015 1220
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29708.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1431			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1431				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.83	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-03

Lab Sample ID: 460-98871-3 Date Sampled: 07/29/2015 1220
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29708.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1431			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1431				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	83		64 - 135
Dibromofluoromethane (Surr)	96		72 - 137
Toluene-d8 (Surr)	89		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-03**

Lab Sample ID: 460-98871-3 Date Sampled: 07/29/2015 1220
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29708.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1431			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1431				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-22

Lab Sample ID: 460-98871-4 Date Sampled: 07/29/2015 1330
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29709.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1457			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1457				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-22

Lab Sample ID: 460-98871-4 Date Sampled: 07/29/2015 1330
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29709.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1457			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1457				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	96		72 - 137
Toluene-d8 (Surr)	93		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-22**

Lab Sample ID: 460-98871-4 Date Sampled: 07/29/2015 1330
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29709.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1457			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1457				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: FB-8

Lab Sample ID: 460-98871-5FB Date Sampled: 07/29/2015 1404
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29722.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0845			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0845				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	0.90	J	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: FB-8

Lab Sample ID: 460-98871-5FB Date Sampled: 07/29/2015 1404
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29722.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0845			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0845				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
4-Bromofluorobenzene	85		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	91		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: FB-8

Lab Sample ID: 460-98871-5FB Date Sampled: 07/29/2015 1404
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29722.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0845			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0845				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-36

Lab Sample ID: 460-98871-6 Date Sampled: 07/30/2015 0955
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29710.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1523			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1523				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.90	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-36

Lab Sample ID: 460-98871-6 Date Sampled: 07/30/2015 0955
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29710.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1523			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1523				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	92		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-36**

Lab Sample ID: 460-98871-6 Date Sampled: 07/30/2015 0955
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29710.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1523			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1523				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-06

Lab Sample ID: 460-98871-7 Date Sampled: 07/30/2015 1110
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29711.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1549			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1549				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-06**

Lab Sample ID: 460-98871-7 Date Sampled: 07/30/2015 1110
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29711.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1549			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1549				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
4-Bromofluorobenzene	82		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	89		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-06

Lab Sample ID: 460-98871-7 Date Sampled: 07/30/2015 1110
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29711.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1549			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1549				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-24

Lab Sample ID: 460-98871-8 Date Sampled: 07/30/2015 1301
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29712.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1614			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1614				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	0.28	J	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-24

Lab Sample ID: 460-98871-8 Date Sampled: 07/30/2015 1301
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29712.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1614			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1614				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
4-Bromofluorobenzene	85		64 - 135
Dibromofluoromethane (Surr)	99		72 - 137
Toluene-d8 (Surr)	91		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-24

Lab Sample ID: 460-98871-8 Date Sampled: 07/30/2015 1301
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29712.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1614			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1614				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-43

Lab Sample ID: 460-98871-9 Date Sampled: 07/30/2015 1440
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29713.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1640			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1640				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: **MW-43**

Lab Sample ID: 460-98871-9 Date Sampled: 07/30/2015 1440
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29713.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1640			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1640				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	89		64 - 135
Dibromofluoromethane (Surr)	98		72 - 137
Toluene-d8 (Surr)	90		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: MW-43

Lab Sample ID: 460-98871-9 Date Sampled: 07/30/2015 1440
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29713.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1640			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1640				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: FB-9

Lab Sample ID: 460-98871-10FB Date Sampled: 07/30/2015 1515
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1314			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: FB-9

Lab Sample ID: 460-98871-10FB Date Sampled: 07/30/2015 1515
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1314			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene	85		64 - 135
Dibromofluoromethane (Surr)	97		72 - 137
Toluene-d8 (Surr)	91		70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Client Sample ID: FB-9

Lab Sample ID: 460-98871-10FB Date Sampled: 07/30/2015 1515
Client Matrix: Water Date Received: 07/31/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	J29705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1314			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1314				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-98871-1	MW-52	98	111	90	89
460-98871-2	MW-59	98	113	91	90
460-98871-3	MW-03	96	110	89	83
460-98871-4	MW-22	96	113	93	87
460-98871-5	FB-8	100	115	91	85
460-98871-6	MW-36	100	112	92	87
460-98871-7	MW-06	98	108	89	82
460-98871-8	MW-24	99	113	91	85
460-98871-9	MW-43	98	110	90	89
460-98871-10	FB-9	97	111	91	85
MB 460-314889/8		99	107	93	89
MB 460-315171/8		99	112	91	86
LCS 460-314889/4		98	110	92	89
LCS 460-315171/5		100	109	90	91
460-98769-A-22 MS		100	111	90	89
460-99115-A-1 MS		102	114	91	89
460-98769-A-22 MSD		100	111	91	90
460-99115-A-1 MSD		98	110	92	91

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Client: New York State D.E.C. Job Number: 460-98871-1

Method Blank - Batch: 460-314889

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-314889/8	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29693.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 0759	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 0759				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Method Blank - Batch: 460-314889

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-314889/8	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29693.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 0759	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 0759				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
4-Bromofluorobenzene	89	64 - 135
Dibromofluoromethane (Surr)	99	72 - 137
Toluene-d8 (Surr)	93	70 - 130

Method Blank TICs- Batch: 460-314889

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Control Sample - Batch: 460-314889

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-314889/4	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29689.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 0613	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 0613				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	20.5	103	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	100	60 - 144	
1,1,2-Trichloroethane	20.0	19.3	96	68 - 121	
1,1-Dichloroethane	20.0	22.5	113	75 - 126	
1,1-Dichloroethene	20.0	19.9	100	71 - 123	
1,2,3-Trichlorobenzene	20.0	20.9	104	72 - 135	
1,2,4-Trichlorobenzene	20.0	19.2	96	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	53 - 136	
1,2-Dichlorobenzene	20.0	20.0	100	81 - 120	
1,2-Dichloroethane	20.0	23.6	118	75 - 127	
1,2-Dichloropropane	20.0	20.9	105	70 - 120	
1,3-Dichlorobenzene	20.0	20.7	104	75 - 120	
1,4-Dichlorobenzene	20.0	19.8	99	75 - 120	
1,4-Dioxane	400	440	110	46 - 150	
2-Butanone (MEK)	100	83.7	84	52 - 140	
2-Hexanone	100	88.7	89	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	104	104	56 - 132	
Acetone	100	79.6	80	26 - 150	
Benzene	20.0	21.5	108	69 - 125	
Bromoform	20.0	12.2	61	50 - 134	
Bromomethane	20.0	19.2	96	27 - 150	
Carbon disulfide	20.0	21.3	106	61 - 126	
Carbon tetrachloride	20.0	17.6	88	58 - 150	
Chlorobenzene	20.0	20.1	101	77 - 120	
Chlorobromomethane	20.0	20.4	102	70 - 134	
Chlorodibromomethane	20.0	15.7	79	63 - 131	
Chloroethane	20.0	21.8	109	58 - 145	
Chloroform	20.0	21.5	108	81 - 122	
Chloromethane	20.0	19.6	98	43 - 145	
cis-1,2-Dichloroethene	20.0	19.3	97	78 - 121	
cis-1,3-Dichloropropene	20.0	20.1	101	71 - 120	
Cyclohexane	20.0	22.9	115	50 - 150	
Dichlorobromomethane	20.0	18.6	93	72 - 123	
Dichlorodifluoromethane	20.0	18.5	93	40 - 150	
Ethylbenzene	20.0	20.8	104	74 - 120	
Ethylene Dibromide	20.0	19.8	99	77 - 117	
Isopropylbenzene	20.0	21.4	107	74 - 127	
Methyl acetate	100	108	108	62 - 140	
Methyl tert-butyl ether	20.0	21.9	109	73 - 125	
Methylcyclohexane	20.0	20.5	102	50 - 150	
Methylene Chloride	20.0	19.6	98	76 - 123	
m-Xylene & p-Xylene	20.0	20.3	101	78 - 119	
o-Xylene	20.0	20.6	103	79 - 120	
Styrene	20.0	20.0	100	76 - 120	
Tetrachloroethene	20.0	19.9	99	70 - 136	

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Control Sample - Batch: 460-314889

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-314889/4	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29689.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 0613	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 0613				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	20.9	104	78 - 120	
trans-1,2-Dichloroethene	20.0	19.3	96	79 - 120	
trans-1,3-Dichloropropene	20.0	21.0	105	71 - 123	
Trichloroethene	20.0	21.4	107	74 - 120	
Trichlorofluoromethane	20.0	24.0	120	65 - 142	
Vinyl chloride	20.0	20.1	100	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 130
4-Bromofluorobenzene	89	64 - 135
Dibromofluoromethane (Surr)	98	72 - 137
Toluene-d8 (Surr)	92	70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-314889

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98769-A-22 MS	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29699.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1037			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1037				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98769-A-22 MSD	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29700.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1104			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1104				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	104	104	73 - 134	0	30		
1,1,2,2-Tetrachloroethane	99	104	55 - 133	5	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	104	102	60 - 144	2	30		
1,1,2-Trichloroethane	92	99	68 - 121	8	30		
1,1-Dichloroethane	113	118	75 - 126	4	30		
1,1-Dichloroethene	101	105	71 - 123	4	30		
1,2,3-Trichlorobenzene	91	103	72 - 135	12	30		
1,2,4-Trichlorobenzene	84	100	76 - 129	18	30		
1,2-Dibromo-3-Chloropropane	90	91	53 - 136	1	30		
1,2-Dichlorobenzene	97	101	81 - 120	4	30		
1,2-Dichloroethane	120	122	75 - 127	2	30		
1,2-Dichloropropane	108	111	70 - 120	3	30		
1,3-Dichlorobenzene	95	103	75 - 120	7	30		
1,4-Dichlorobenzene	94	98	75 - 120	5	30		
1,4-Dioxane	82	115	46 - 150	33	30		*
2-Butanone (MEK)	87	87	52 - 140	0	30		
2-Hexanone	89	90	49 - 131	1	30		
4-Methyl-2-pentanone (MIBK)	103	103	56 - 132	0	30		
Acetone	68	73	26 - 150	8	30		
Benzene	107	108	69 - 125	1	30		
Bromoform	62	62	50 - 134	0	30		
Bromomethane	87	93	27 - 150	6	30		
Carbon disulfide	111	112	61 - 126	1	30		
Carbon tetrachloride	87	93	58 - 150	7	30		
Chlorobenzene	100	101	77 - 120	1	30		
Chlorobromomethane	103	101	70 - 134	2	30		
Chlorodibromomethane	75	79	63 - 131	6	30		
Chloroethane	111	111	58 - 145	0	30		
Chloroform	111	112	81 - 122	1	30		
Chloromethane	94	98	43 - 145	4	30		
cis-1,2-Dichloroethene	98	100	78 - 121	3	30		
cis-1,3-Dichloropropene	97	100	71 - 120	3	30		
Cyclohexane	114	113	50 - 150	1	30		

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-314889

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98769-A-22 MS	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29699.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1037			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1037				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-98769-A-22 MSD	Analysis Batch:	460-314889	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29700.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/06/2015 1104			Final Weight/Volume:	5 mL
Prep Date:	08/06/2015 1104				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	94	95	72 - 123	1	30		
Dichlorodifluoromethane	86	81	40 - 150	6	30		
Ethylbenzene	108	106	74 - 120	2	30		
Ethylene Dibromide	97	100	77 - 117	3	30		
Isopropylbenzene	105	108	74 - 127	3	30		
Methyl acetate	115	116	62 - 140	1	30		
Methyl tert-butyl ether	112	109	73 - 125	2	30		
Methylcyclohexane	102	106	50 - 150	4	30		
Methylene Chloride	102	103	76 - 123	2	30		
m-Xylene & p-Xylene	106	103	78 - 119	2	30		
o-Xylene	102	107	79 - 120	5	30		
Styrene	99	104	76 - 120	5	30		
Tetrachloroethene	93	95	70 - 136	2	30		
Toluene	104	105	78 - 120	1	30		
trans-1,2-Dichloroethene	99	102	79 - 120	3	30		
trans-1,3-Dichloropropene	98	100	71 - 123	2	30		
Trichloroethene	105	107	74 - 120	2	30		
Trichlorofluoromethane	117	116	65 - 142	0	30		
Vinyl chloride	98	98	56 - 137	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	111	70 - 130
4-Bromofluorobenzene	89	90	64 - 135
Dibromofluoromethane (Surr)	100	100	72 - 137
Toluene-d8 (Surr)	90	91	70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-314889

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98769-A-22 MS	Units: ug/L	MSD Lab Sample ID:	460-98769-A-22 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	08/06/2015 1037		Analysis Date:	08/06/2015 1104	
Prep Date:	08/06/2015 1037		Prep Date:	08/06/2015 1104	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	1.0	U	200	200	208	209	
1,1,2,2-Tetrachloroethane	1.0	U	200	200	198	208	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	200	207	203	
1,1,2-Trichloroethane	1.0	U	200	200	183	198	
1,1-Dichloroethane	1.0	U	200	200	226	236	
1,1-Dichloroethene	1.0	U	200	200	203	210	
1,2,3-Trichlorobenzene	1.0	U	200	200	182	206	
1,2,4-Trichlorobenzene	1.0	U	200	200	167	201	
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	179	181	
1,2-Dichlorobenzene	1.0	U	200	200	194	202	
1,2-Dichloroethane	1.0	U	200	200	239	244	
1,2-Dichloropropane	1.0	U	200	200	216	223	
1,3-Dichlorobenzene	1.0	U	200	200	190	205	
1,4-Dichlorobenzene	1.0	U	200	200	188	197	
1,4-Dioxane	50	U	4000	4000	3290	4590	*
2-Butanone (MEK)	5.0	U	1000	1000	867	871	
2-Hexanone	5.0	U	1000	1000	889	895	
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1000	1030	1030	
Acetone	5.0	U	1000	1000	678	734	
Benzene	1.0	U	200	200	214	217	
Bromoform	1.0	U	200	200	124	124	
Bromomethane	1.0	U	200	200	174	186	
Carbon disulfide	1.0	U	200	200	223	224	
Carbon tetrachloride	1.0	U	200	200	174	187	
Chlorobenzene	1.0	U	200	200	200	203	
Chlorobromomethane	1.0	U	200	200	207	202	
Chlorodibromomethane	1.0	U	200	200	150	159	
Chloroethane	1.0	U	200	200	223	222	
Chloroform	1.0	U	200	200	222	224	
Chloromethane	1.0	U	200	200	188	195	
cis-1,2-Dichloroethene	1.0	U	200	200	195	201	
cis-1,3-Dichloropropene	1.0	U	200	200	195	200	
Cyclohexane	1.0	U	200	200	228	226	
Dichlorobromomethane	1.0	U	200	200	187	190	
Dichlorodifluoromethane	1.0	U	200	200	172	162	
Ethylbenzene	1.0	U	200	200	216	211	
Ethylene Dibromide	1.0	U	200	200	194	200	
Isopropylbenzene	1.0	U	200	200	209	215	
Methyl acetate	5.0	U	1000	1000	1150	1160	
Methyl tert-butyl ether	41		200	200	264	259	
Methylcyclohexane	1.0	U	200	200	203	211	
Methylene Chloride	1.0	U	200	200	204	207	
m-Xylene & p-Xylene	1.0	U	200	200	211	207	

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-314889

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-98769-A-22 MS	Units:	ug/L	MSD Lab Sample ID:	460-98769-A-22 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	08/06/2015 1037			Analysis Date:	08/06/2015 1104
Prep Date:	08/06/2015 1037			Prep Date:	08/06/2015 1104
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
o-Xylene	1.0	U	200	200	204	215
Styrene	1.0	U	200	200	198	207
Tetrachloroethene	1.0	U	200	200	186	189
Toluene	1.0	U	200	200	207	210
trans-1,2-Dichloroethene	1.0	U	200	200	199	205
trans-1,3-Dichloropropene	1.0	U	200	200	196	201
Trichloroethene	1.0	U	200	200	210	214
Trichlorofluoromethane	1.0	U	200	200	233	232
Vinyl chloride	1.0	U	200	200	195	196

Client: New York State D.E.C. Job Number: 460-98871-1

Method Blank - Batch: 460-315171

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-315171/8	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29721.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0819	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0819				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-98871-1

Method Blank - Batch: 460-315171

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-315171/8	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29721.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0819	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0819				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 130
4-Bromofluorobenzene	86	64 - 135
Dibromofluoromethane (Surr)	99	72 - 137
Toluene-d8 (Surr)	91	70 - 130

Method Blank TICs- Batch: 460-315171

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Control Sample - Batch: 460-315171

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-315171/5	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0643	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0643				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	21.1	105	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	20.6	103	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9	105	60 - 144	
1,1,2-Trichloroethane	20.0	19.0	95	68 - 121	
1,1-Dichloroethane	20.0	22.7	114	75 - 126	
1,1-Dichloroethene	20.0	20.3	102	71 - 123	
1,2,3-Trichlorobenzene	20.0	21.1	105	72 - 135	
1,2,4-Trichlorobenzene	20.0	20.1	100	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	53 - 136	
1,2-Dichlorobenzene	20.0	21.0	105	81 - 120	
1,2-Dichloroethane	20.0	23.3	116	75 - 127	
1,2-Dichloropropane	20.0	21.2	106	70 - 120	
1,3-Dichlorobenzene	20.0	21.1	106	75 - 120	
1,4-Dichlorobenzene	20.0	20.0	100	75 - 120	
1,4-Dioxane	400	476	119	46 - 150	
2-Butanone (MEK)	100	82.6	83	52 - 140	
2-Hexanone	100	88.5	88	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	101	101	56 - 132	
Acetone	100	76.2	76	26 - 150	
Benzene	20.0	21.6	108	69 - 125	
Bromoform	20.0	12.0	60	50 - 134	
Bromomethane	20.0	20.3	101	27 - 150	
Carbon disulfide	20.0	21.9	110	61 - 126	
Carbon tetrachloride	20.0	17.9	89	58 - 150	
Chlorobenzene	20.0	20.1	101	77 - 120	
Chlorobromomethane	20.0	20.1	100	70 - 134	
Chlorodibromomethane	20.0	15.0	75	63 - 131	
Chloroethane	20.0	21.6	108	58 - 145	
Chloroform	20.0	21.7	109	81 - 122	
Chloromethane	20.0	18.9	95	43 - 145	
cis-1,2-Dichloroethene	20.0	19.8	99	78 - 121	
cis-1,3-Dichloropropene	20.0	20.0	100	71 - 120	
Cyclohexane	20.0	23.1	116	50 - 150	
Dichlorobromomethane	20.0	18.4	92	72 - 123	
Dichlorodifluoromethane	20.0	18.1	91	40 - 150	
Ethylbenzene	20.0	21.2	106	74 - 120	
Ethylene Dibromide	20.0	19.5	98	77 - 117	
Isopropylbenzene	20.0	21.9	110	74 - 127	
Methyl acetate	100	109	109	62 - 140	
Methyl tert-butyl ether	20.0	21.4	107	73 - 125	
Methylcyclohexane	20.0	21.7	108	50 - 150	
Methylene Chloride	20.0	20.4	102	76 - 123	
m-Xylene & p-Xylene	20.0	21.1	106	78 - 119	
o-Xylene	20.0	21.3	106	79 - 120	
Styrene	20.0	20.4	102	76 - 120	
Tetrachloroethene	20.0	19.7	99	70 - 136	

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Control Sample - Batch: 460-315171

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-315171/5	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 0643	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 0643				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	21.0	105	78 - 120	
trans-1,2-Dichloroethene	20.0	20.1	100	79 - 120	
trans-1,3-Dichloropropene	20.0	19.7	99	71 - 123	
Trichloroethene	20.0	21.7	109	74 - 120	
Trichlorofluoromethane	20.0	22.2	111	65 - 142	
Vinyl chloride	20.0	20.0	100	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 130
4-Bromofluorobenzene	91	64 - 135
Dibromofluoromethane (Surr)	100	72 - 137
Toluene-d8 (Surr)	90	70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-315171

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99115-A-1 MS	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29726.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 1031			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 1031				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-99115-A-1 MSD	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29727.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 1057			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 1057				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	104	104	73 - 134	0	30		
1,1,2,2-Tetrachloroethane	101	102	55 - 133	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	103	106	60 - 144	3	30		
1,1,2-Trichloroethane	96	98	68 - 121	2	30		
1,1-Dichloroethane	114	116	75 - 126	1	30		
1,1-Dichloroethene	100	102	71 - 123	2	30		
1,2,3-Trichlorobenzene	91	106	72 - 135	15	30		
1,2,4-Trichlorobenzene	87	100	76 - 129	13	30		
1,2-Dibromo-3-Chloropropane	94	98	53 - 136	4	30		
1,2-Dichlorobenzene	103	101	81 - 120	1	30		
1,2-Dichloroethane	119	122	75 - 127	2	30		
1,2-Dichloropropane	108	111	70 - 120	2	30		
1,3-Dichlorobenzene	101	101	75 - 120	0	30		
1,4-Dichlorobenzene	99	101	75 - 120	2	30		
1,4-Dioxane	89	121	46 - 150	30	30		
2-Butanone (MEK)	86	86	52 - 140	0	30		
2-Hexanone	86	90	49 - 131	4	30		
4-Methyl-2-pentanone (MIBK)	103	102	56 - 132	1	30		
Acetone	71	72	26 - 150	2	30		
Benzene	106	110	69 - 125	4	30		
Bromoform	58	62	50 - 134	7	30		
Bromomethane	89	96	27 - 150	7	30		
Carbon disulfide	107	112	61 - 126	4	30		
Carbon tetrachloride	85	91	58 - 150	7	30		
Chlorobenzene	100	102	77 - 120	2	30		
Chlorobromomethane	103	102	70 - 134	1	30		
Chlorodibromomethane	73	77	63 - 131	6	30		
Chloroethane	102	108	58 - 145	5	30		
Chloroform	108	110	81 - 122	2	30		
Chloromethane	91	93	43 - 145	2	30		
cis-1,2-Dichloroethene	98	97	78 - 121	1	30		
cis-1,3-Dichloropropene	100	103	71 - 120	3	30		
Cyclohexane	114	119	50 - 150	4	30		

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-315171

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99115-A-1 MS	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29726.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 1031			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 1031				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-99115-A-1 MSD	Analysis Batch:	460-315171	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J29727.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/07/2015 1057			Final Weight/Volume:	5 mL
Prep Date:	08/07/2015 1057				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	91	96	72 - 123	6	30		
Dichlorodifluoromethane	85	89	40 - 150	4	30		
Ethylbenzene	98	106	74 - 120	7	30		
Ethylene Dibromide	97	100	77 - 117	2	30		
Isopropylbenzene	104	110	74 - 127	5	30		
Methyl acetate	114	114	62 - 140	0	30		
Methyl tert-butyl ether	111	111	73 - 125	0	30		
Methylcyclohexane	102	103	50 - 150	0	30		
Methylene Chloride	100	103	76 - 123	4	30		
m-Xylene & p-Xylene	99	102	78 - 119	3	30		
o-Xylene	104	106	79 - 120	2	30		
Styrene	96	101	76 - 120	6	30		
Tetrachloroethene	91	98	70 - 136	8	30		
Toluene	104	105	78 - 120	1	30		
trans-1,2-Dichloroethene	98	100	79 - 120	2	30		
trans-1,3-Dichloropropene	99	102	71 - 123	4	30		
Trichloroethene	102	107	74 - 120	5	30		
Trichlorofluoromethane	111	112	65 - 142	1	30		
Vinyl chloride	92	95	56 - 137	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	110	70 - 130
4-Bromofluorobenzene	89	91	64 - 135
Dibromofluoromethane (Surr)	102	98	72 - 137
Toluene-d8 (Surr)	91	92	70 - 130

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-315171

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99115-A-1 MS	Units: ug/L		MSD Lab Sample ID:	460-99115-A-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	08/07/2015 1031			Analysis Date:	08/07/2015 1057
Prep Date:	08/07/2015 1031			Prep Date:	08/07/2015 1057
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	1.0	U	200	200	207	208
1,1,2,2-Tetrachloroethane	1.0	U	200	200	202	204
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	200	206	213
1,1,2-Trichloroethane	1.0	U	200	200	192	196
1,1-Dichloroethane	1.0	U	200	200	228	231
1,1-Dichloroethene	1.0	U	200	200	199	204
1,2,3-Trichlorobenzene	1.0	U	200	200	183	212
1,2,4-Trichlorobenzene	1.0	U	200	200	175	199
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	187	196
1,2-Dichlorobenzene	1.0	U	200	200	205	203
1,2-Dichloroethane	1.0	U	200	200	239	245
1,2-Dichloropropane	1.0	U	200	200	216	221
1,3-Dichlorobenzene	1.0	U	200	200	202	203
1,4-Dichlorobenzene	1.0	U	200	200	198	201
1,4-Dioxane	50	U	4000	4000	3570	4830
2-Butanone (MEK)	5.0	U	1000	1000	865	865
2-Hexanone	5.0	U	1000	1000	865	898
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1000	1030	1020
Acetone	5.0	U	1000	1000	705	723
Benzene	1.0	U	200	200	212	220
Bromoform	1.0	U	200	200	115	123
Bromomethane	1.0	U	200	200	178	191
Carbon disulfide	1.0	U	200	200	215	225
Carbon tetrachloride	1.0	U	200	200	169	181
Chlorobenzene	1.0	U	200	200	200	203
Chlorobromomethane	1.0	U	200	200	207	204
Chlorodibromomethane	1.0	U	200	200	146	155
Chloroethane	1.0	U	200	200	205	216
Chloroform	1.0	U	200	200	217	221
Chloromethane	1.0	U	200	200	183	187
cis-1,2-Dichloroethene	0.60	J	200	200	196	194
cis-1,3-Dichloropropene	1.0	U	200	200	199	206
Cyclohexane	1.0	U	200	200	228	237
Dichlorobromomethane	1.0	U	200	200	182	193
Dichlorodifluoromethane	1.0	U	200	200	171	178
Ethylbenzene	1.0	U	200	200	196	212
Ethylene Dibromide	1.0	U	200	200	195	199
Isopropylbenzene	1.0	U	200	200	208	219
Methyl acetate	5.0	U	1000	1000	1140	1140
Methyl tert-butyl ether	0.18	J	200	200	223	223
Methylcyclohexane	1.0	U	200	200	205	205
Methylene Chloride	1.0	U	200	200	199	207
m-Xylene & p-Xylene	1.0	U	200	200	198	204

Client: New York State D.E.C. Job Number: 460-98871-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-315171

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99115-A-1 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	10		
Analysis Date:	08/07/2015 1031		
Prep Date:	08/07/2015 1031		
Leach Date:	N/A		

MSD Lab Sample ID:	460-99115-A-1 MSD
Client Matrix:	Water
Dilution:	10
Analysis Date:	08/07/2015 1057
Prep Date:	08/07/2015 1057
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
o-Xylene	1.0	U	200	200	209	212
Styrene	1.0	U	200	200	191	202
Tetrachloroethene	1.0	U	200	200	182	197
Toluene	1.0	U	200	200	207	210
trans-1,2-Dichloroethene	1.0	U	200	200	196	200
trans-1,3-Dichloropropene	1.0	U	200	200	198	205
Trichloroethene	1.0	U	200	200	203	213
Trichlorofluoromethane	1.0	U	200	200	222	224
Vinyl chloride	1.0	U	200	200	185	191

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 460-98871-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.

Client: New York State D.E.C. Job Number: 460-98871-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-314889					
LCS 460-314889/4	Lab Control Sample	T	Water	8260C	
MB 460-314889/8	Method Blank	T	Water	8260C	
460-98769-A-22 MS	Matrix Spike	T	Water	8260C	
460-98769-A-22 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-98871-1	MW-52	T	Water	8260C	
460-98871-2	MW-59	T	Water	8260C	
460-98871-3	MW-03	T	Water	8260C	
460-98871-4	MW-22	T	Water	8260C	
460-98871-6	MW-36	T	Water	8260C	
460-98871-7	MW-06	T	Water	8260C	
460-98871-8	MW-24	T	Water	8260C	
460-98871-9	MW-43	T	Water	8260C	
460-98871-10FB	FB-9	T	Water	8260C	
Analysis Batch:460-315171					
LCS 460-315171/5	Lab Control Sample	T	Water	8260C	
MB 460-315171/8	Method Blank	T	Water	8260C	
460-98871-5FB	FB-8	T	Water	8260C	
460-99115-A-1 MS	Matrix Spike	T	Water	8260C	
460-99115-A-1 MSD	Matrix Spike Duplicate	T	Water	8260C	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-98871-1

Laboratory Chronicle

Lab ID: 460-98871-1 **Client ID: MW-52**

Sample Date/Time: 07/29/2015 09:25 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-1		460-314889		08/06/2015 13:40	1	TAL EDI	CJM
A:8260C	460-98871-B-1		460-314889		08/06/2015 13:40	1	TAL EDI	CJM

Lab ID: 460-98871-2 **Client ID: MW-59**

Sample Date/Time: 07/29/2015 10:45 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-2		460-314889		08/06/2015 14:05	1	TAL EDI	CJM
A:8260C	460-98871-B-2		460-314889		08/06/2015 14:05	1	TAL EDI	CJM

Lab ID: 460-98871-3 **Client ID: MW-03**

Sample Date/Time: 07/29/2015 12:20 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-3		460-314889		08/06/2015 14:31	1	TAL EDI	CJM
A:8260C	460-98871-B-3		460-314889		08/06/2015 14:31	1	TAL EDI	CJM

Lab ID: 460-98871-4 **Client ID: MW-22**

Sample Date/Time: 07/29/2015 13:30 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-4		460-314889		08/06/2015 14:57	1	TAL EDI	CJM
A:8260C	460-98871-B-4		460-314889		08/06/2015 14:57	1	TAL EDI	CJM

Lab ID: 460-98871-5 **Client ID: FB-8**

Sample Date/Time: 07/29/2015 14:04 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-A-5		460-315171		08/07/2015 08:45	1	TAL EDI	MZS
A:8260C	460-98871-A-5		460-315171		08/07/2015 08:45	1	TAL EDI	MZS

Lab ID: 460-98871-6 **Client ID: MW-36**

Sample Date/Time: 07/30/2015 09:55 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-6		460-314889		08/06/2015 15:23	1	TAL EDI	CJM
A:8260C	460-98871-B-6		460-314889		08/06/2015 15:23	1	TAL EDI	CJM

Client: New York State D.E.C. Job Number: 460-98871-1

Laboratory Chronicle

Lab ID: 460-98871-7 **Client ID: MW-06**

Sample Date/Time: 07/30/2015 11:10 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-7		460-314889		08/06/2015 15:49	1	TAL EDI	CJM
A:8260C	460-98871-B-7		460-314889		08/06/2015 15:49	1	TAL EDI	CJM

Lab ID: 460-98871-8 **Client ID: MW-24**

Sample Date/Time: 07/30/2015 13:01 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-8		460-314889		08/06/2015 16:14	1	TAL EDI	CJM
A:8260C	460-98871-B-8		460-314889		08/06/2015 16:14	1	TAL EDI	CJM

Lab ID: 460-98871-9 **Client ID: MW-43**

Sample Date/Time: 07/30/2015 14:40 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-B-9		460-314889		08/06/2015 16:40	1	TAL EDI	CJM
A:8260C	460-98871-B-9		460-314889		08/06/2015 16:40	1	TAL EDI	CJM

Lab ID: 460-98871-10 **Client ID: FB-9**

Sample Date/Time: 07/30/2015 15:15 Received Date/Time: 07/31/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98871-A-10		460-314889		08/06/2015 13:14	1	TAL EDI	CJM
A:8260C	460-98871-A-10		460-314889		08/06/2015 13:14	1	TAL EDI	CJM

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 460-314889/8		460-314889		08/06/2015 07:59	1	TAL EDI	CJM
A:8260C	MB 460-314889/8		460-314889		08/06/2015 07:59	1	TAL EDI	CJM
P:5030C	MB 460-315171/8		460-315171		08/07/2015 08:19	1	TAL EDI	MZS
A:8260C	MB 460-315171/8		460-315171		08/07/2015 08:19	1	TAL EDI	MZS

Client: New York State D.E.C. Job Number: 460-98871-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 460-314889/4		460-314889		08/06/2015 06:13	1	TAL EDI	CJM
A:8260C	LCS 460-314889/4		460-314889		08/06/2015 06:13	1	TAL EDI	CJM
P:5030C	LCS 460-315171/5		460-315171		08/07/2015 06:43	1	TAL EDI	MZS
A:8260C	LCS 460-315171/5		460-315171		08/07/2015 06:43	1	TAL EDI	MZS

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 07/30/2015 12:30 Received Date/Time: 07/30/2015 16:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98769-A-22 MS		460-314889		08/06/2015 10:37	10	TAL EDI	CJM
A:8260C	460-98769-A-22 MS		460-314889		08/06/2015 10:37	10	TAL EDI	CJM
P:5030C	460-99115-A-1 MS		460-315171		08/07/2015 10:31	10	TAL EDI	MZS
A:8260C	460-99115-A-1 MS		460-315171		08/07/2015 10:31	10	TAL EDI	MZS

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 07/30/2015 12:30 Received Date/Time: 07/30/2015 16:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-98769-A-22 MSD		460-314889		08/06/2015 11:04	10	TAL EDI	CJM
A:8260C	460-98769-A-22 MSD		460-314889		08/06/2015 11:04	10	TAL EDI	CJM
P:5030C	460-99115-A-1 MSD		460-315171		08/07/2015 10:57	10	TAL EDI	MZS
A:8260C	460-99115-A-1 MSD		460-315171		08/07/2015 10:57	10	TAL EDI	MZS

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-52	460-98871-1	98	111	90	89
MW-59	460-98871-2	98	113	91	90
MW-03	460-98871-3	96	110	89	83
MW-22	460-98871-4	96	113	93	87
FB-8	460-98871-5	100	115	91	85
MW-36	460-98871-6	100	112	92	87
MW-06	460-98871-7	98	108	89	82
MW-24	460-98871-8	99	113	91	85
MW-43	460-98871-9	98	110	90	89
FB-9	460-98871-10	97	111	91	85
	MB 460-314889/8	99	107	93	89
	MB 460-315171/8	99	112	91	86
	LCS 460-314889/4	98	110	92	89
	LCS 460-315171/5	100	109	90	91
	460-98769-A-22 MS	100	111	90	89
	460-99115-A-1 MS	102	114	91	89
	460-98769-A-22 MSD	100	111	91	90
	460-99115-A-1 MSD	98	110	92	91

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29689.D

Lab ID: LCS 460-314889/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	103	73-134	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	100	60-144	
1,1,2-Trichloroethane	20.0	19.3	96	68-121	
1,1-Dichloroethane	20.0	22.5	113	75-126	
1,1-Dichloroethene	20.0	19.9	100	71-123	
1,2,3-Trichlorobenzene	20.0	20.9	104	72-135	
1,2,4-Trichlorobenzene	20.0	19.2	96	76-129	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	53-136	
1,2-Dichlorobenzene	20.0	20.0	100	81-120	
1,2-Dichloroethane	20.0	23.6	118	75-127	
1,2-Dichloropropane	20.0	20.9	105	70-120	
1,3-Dichlorobenzene	20.0	20.7	104	75-120	
1,4-Dichlorobenzene	20.0	19.8	99	75-120	
1,4-Dioxane	400	440	110	46-150	
2-Butanone (MEK)	100	83.7	84	52-140	
2-Hexanone	100	88.7	89	49-131	
4-Methyl-2-pentanone (MIBK)	100	104	104	56-132	
Acetone	100	79.6	80	26-150	
Benzene	20.0	21.5	108	69-125	
Bromoform	20.0	12.2	61	50-134	
Bromomethane	20.0	19.2	96	27-150	
Carbon disulfide	20.0	21.3	106	61-126	
Carbon tetrachloride	20.0	17.6	88	58-150	
Chlorobenzene	20.0	20.1	101	77-120	
Chlorobromomethane	20.0	20.4	102	70-134	
Chlorodibromomethane	20.0	15.7	79	63-131	
Chloroethane	20.0	21.8	109	58-145	
Chloroform	20.0	21.5	108	81-122	
Chloromethane	20.0	19.6	98	43-145	
cis-1,2-Dichloroethene	20.0	19.3	97	78-121	
cis-1,3-Dichloropropene	20.0	20.1	101	71-120	
Cyclohexane	20.0	22.9	115	50-150	
Dichlorobromomethane	20.0	18.6	93	72-123	
Dichlorodifluoromethane	20.0	18.5	93	40-150	
Ethylbenzene	20.0	20.8	104	74-120	
Ethylene Dibromide	20.0	19.8	99	77-117	
Isopropylbenzene	20.0	21.4	107	74-127	
Methyl acetate	100	108	108	62-140	
Methyl tert-butyl ether	20.0	21.9	109	73-125	
Methylcyclohexane	20.0	20.5	102	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29689.D

Lab ID: LCS 460-314889/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	19.6	98	76-123	
m-Xylene & p-Xylene	20.0	20.3	101	78-119	
o-Xylene	20.0	20.6	103	79-120	
Styrene	20.0	20.0	100	76-120	
Tetrachloroethene	20.0	19.9	99	70-136	
Toluene	20.0	20.9	104	78-120	
trans-1,2-Dichloroethene	20.0	19.3	96	79-120	
trans-1,3-Dichloropropene	20.0	21.0	105	71-123	
Trichloroethene	20.0	21.4	107	74-120	
Trichlorofluoromethane	20.0	24.0	120	65-142	
Vinyl chloride	20.0	20.1	100	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29718.D

Lab ID: LCS 460-315171/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.1	105	73-134	
1,1,2,2-Tetrachloroethane	20.0	20.6	103	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9	105	60-144	
1,1,2-Trichloroethane	20.0	19.0	95	68-121	
1,1-Dichloroethane	20.0	22.7	114	75-126	
1,1-Dichloroethene	20.0	20.3	102	71-123	
1,2,3-Trichlorobenzene	20.0	21.1	105	72-135	
1,2,4-Trichlorobenzene	20.0	20.1	100	76-129	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	53-136	
1,2-Dichlorobenzene	20.0	21.0	105	81-120	
1,2-Dichloroethane	20.0	23.3	116	75-127	
1,2-Dichloropropane	20.0	21.2	106	70-120	
1,3-Dichlorobenzene	20.0	21.1	106	75-120	
1,4-Dichlorobenzene	20.0	20.0	100	75-120	
1,4-Dioxane	400	476	119	46-150	
2-Butanone (MEK)	100	82.6	83	52-140	
2-Hexanone	100	88.5	88	49-131	
4-Methyl-2-pentanone (MIBK)	100	101	101	56-132	
Acetone	100	76.2	76	26-150	
Benzene	20.0	21.6	108	69-125	
Bromoform	20.0	12.0	60	50-134	
Bromomethane	20.0	20.3	101	27-150	
Carbon disulfide	20.0	21.9	110	61-126	
Carbon tetrachloride	20.0	17.9	89	58-150	
Chlorobenzene	20.0	20.1	101	77-120	
Chlorobromomethane	20.0	20.1	100	70-134	
Chlorodibromomethane	20.0	15.0	75	63-131	
Chloroethane	20.0	21.6	108	58-145	
Chloroform	20.0	21.7	109	81-122	
Chloromethane	20.0	18.9	95	43-145	
cis-1,2-Dichloroethene	20.0	19.8	99	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	71-120	
Cyclohexane	20.0	23.1	116	50-150	
Dichlorobromomethane	20.0	18.4	92	72-123	
Dichlorodifluoromethane	20.0	18.1	91	40-150	
Ethylbenzene	20.0	21.2	106	74-120	
Ethylene Dibromide	20.0	19.5	98	77-117	
Isopropylbenzene	20.0	21.9	110	74-127	
Methyl acetate	100	109	109	62-140	
Methyl tert-butyl ether	20.0	21.4	107	73-125	
Methylcyclohexane	20.0	21.7	108	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29718.D

Lab ID: LCS 460-315171/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	20.4	102	76-123	
m-Xylene & p-Xylene	20.0	21.1	106	78-119	
o-Xylene	20.0	21.3	106	79-120	
Styrene	20.0	20.4	102	76-120	
Tetrachloroethene	20.0	19.7	99	70-136	
Toluene	20.0	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	20.1	100	79-120	
trans-1,3-Dichloropropene	20.0	19.7	99	71-123	
Trichloroethene	20.0	21.7	109	74-120	
Trichlorofluoromethane	20.0	22.2	111	65-142	
Vinyl chloride	20.0	20.0	100	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29699.D

Lab ID: 460-98769-A-22 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	1.0 U	208	104	73-134	
1,1,2,2-Tetrachloroethane	200	1.0 U	198	99	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	1.0 U	207	104	60-144	
1,1,2-Trichloroethane	200	1.0 U	183	92	68-121	
1,1-Dichloroethane	200	1.0 U	226	113	75-126	
1,1-Dichloroethene	200	1.0 U	203	101	71-123	
1,2,3-Trichlorobenzene	200	1.0 U	182	91	72-135	
1,2,4-Trichlorobenzene	200	1.0 U	167	84	76-129	
1,2-Dibromo-3-Chloropropane	200	1.0 U	179	90	53-136	
1,2-Dichlorobenzene	200	1.0 U	194	97	81-120	
1,2-Dichloroethane	200	1.0 U	239	120	75-127	
1,2-Dichloropropane	200	1.0 U	216	108	70-120	
1,3-Dichlorobenzene	200	1.0 U	190	95	75-120	
1,4-Dichlorobenzene	200	1.0 U	188	94	75-120	
1,4-Dioxane	4000	50 U	3290	82	46-150	
2-Butanone (MEK)	1000	5.0 U	867	87	52-140	
2-Hexanone	1000	5.0 U	889	89	49-131	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	1030	103	56-132	
Acetone	1000	5.0 U	678	68	26-150	
Benzene	200	1.0 U	214	107	69-125	
Bromoform	200	1.0 U	124	62	50-134	
Bromomethane	200	1.0 U	174	87	27-150	
Carbon disulfide	200	1.0 U	223	111	61-126	
Carbon tetrachloride	200	1.0 U	174	87	58-150	
Chlorobenzene	200	1.0 U	200	100	77-120	
Chlorobromomethane	200	1.0 U	207	103	70-134	
Chlorodibromomethane	200	1.0 U	150	75	63-131	
Chloroethane	200	1.0 U	223	111	58-145	
Chloroform	200	1.0 U	222	111	81-122	
Chloromethane	200	1.0 U	188	94	43-145	
cis-1,2-Dichloroethene	200	1.0 U	195	98	78-121	
cis-1,3-Dichloropropene	200	1.0 U	195	97	71-120	
Cyclohexane	200	1.0 U	228	114	50-150	
Dichlorobromomethane	200	1.0 U	187	94	72-123	
Dichlorodifluoromethane	200	1.0 U	172	86	40-150	
Ethylbenzene	200	1.0 U	216	108	74-120	
Ethylene Dibromide	200	1.0 U	194	97	77-117	
Isopropylbenzene	200	1.0 U	209	105	74-127	
Methyl acetate	1000	5.0 U	1150	115	62-140	
Methyl tert-butyl ether	200	41	264	112	73-125	
Methylcyclohexane	200	1.0 U	203	102	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29699.D

Lab ID: 460-98769-A-22 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	200	1.0 U	204	102	76-123	
m-Xylene & p-Xylene	200	1.0 U	211	106	78-119	
o-Xylene	200	1.0 U	204	102	79-120	
Styrene	200	1.0 U	198	99	76-120	
Tetrachloroethene	200	1.0 U	186	93	70-136	
Toluene	200	1.0 U	207	104	78-120	
trans-1,2-Dichloroethene	200	1.0 U	199	99	79-120	
trans-1,3-Dichloropropene	200	1.0 U	196	98	71-123	
Trichloroethene	200	1.0 U	210	105	74-120	
Trichlorofluoromethane	200	1.0 U	233	117	65-142	
Vinyl chloride	200	1.0 U	195	98	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29726.D

Lab ID: 460-99115-A-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	1.0 U	207	104	73-134	
1,1,2,2-Tetrachloroethane	200	1.0 U	202	101	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	1.0 U	206	103	60-144	
1,1,2-Trichloroethane	200	1.0 U	192	96	68-121	
1,1-Dichloroethane	200	1.0 U	228	114	75-126	
1,1-Dichloroethene	200	1.0 U	199	100	71-123	
1,2,3-Trichlorobenzene	200	1.0 U	183	91	72-135	
1,2,4-Trichlorobenzene	200	1.0 U	175	87	76-129	
1,2-Dibromo-3-Chloropropane	200	1.0 U	187	94	53-136	
1,2-Dichlorobenzene	200	1.0 U	205	103	81-120	
1,2-Dichloroethane	200	1.0 U	239	119	75-127	
1,2-Dichloropropane	200	1.0 U	216	108	70-120	
1,3-Dichlorobenzene	200	1.0 U	202	101	75-120	
1,4-Dichlorobenzene	200	1.0 U	198	99	75-120	
1,4-Dioxane	4000	50 U	3570	89	46-150	
2-Butanone (MEK)	1000	5.0 U	865	86	52-140	
2-Hexanone	1000	5.0 U	865	86	49-131	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	1030	103	56-132	
Acetone	1000	5.0 U	705	71	26-150	
Benzene	200	1.0 U	212	106	69-125	
Bromoform	200	1.0 U	115	58	50-134	
Bromomethane	200	1.0 U	178	89	27-150	
Carbon disulfide	200	1.0 U	215	107	61-126	
Carbon tetrachloride	200	1.0 U	169	85	58-150	
Chlorobenzene	200	1.0 U	200	100	77-120	
Chlorobromomethane	200	1.0 U	207	103	70-134	
Chlorodibromomethane	200	1.0 U	146	73	63-131	
Chloroethane	200	1.0 U	205	102	58-145	
Chloroform	200	1.0 U	217	108	81-122	
Chloromethane	200	1.0 U	183	91	43-145	
cis-1,2-Dichloroethene	200	0.60 J	196	98	78-121	
cis-1,3-Dichloropropene	200	1.0 U	199	100	71-120	
Cyclohexane	200	1.0 U	228	114	50-150	
Dichlorobromomethane	200	1.0 U	182	91	72-123	
Dichlorodifluoromethane	200	1.0 U	171	85	40-150	
Ethylbenzene	200	1.0 U	196	98	74-120	
Ethylene Dibromide	200	1.0 U	195	97	77-117	
Isopropylbenzene	200	1.0 U	208	104	74-127	
Methyl acetate	1000	5.0 U	1140	114	62-140	
Methyl tert-butyl ether	200	0.18 J	223	111	73-125	
Methylcyclohexane	200	1.0 U	205	102	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29726.D

Lab ID: 460-99115-A-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	200	1.0 U	199	100	76-123	
m-Xylene & p-Xylene	200	1.0 U	198	99	78-119	
o-Xylene	200	1.0 U	209	104	79-120	
Styrene	200	1.0 U	191	96	76-120	
Tetrachloroethene	200	1.0 U	182	91	70-136	
Toluene	200	1.0 U	207	104	78-120	
trans-1,2-Dichloroethene	200	1.0 U	196	98	79-120	
trans-1,3-Dichloropropene	200	1.0 U	198	99	71-123	
Trichloroethene	200	1.0 U	203	102	74-120	
Trichlorofluoromethane	200	1.0 U	222	111	65-142	
Vinyl chloride	200	1.0 U	185	92	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29700.D

Lab ID: 460-98769-A-22 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	200	209	104	0	30	73-134	
1,1,2,2-Tetrachloroethane	200	208	104	5	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	203	102	2	30	60-144	
1,1,2-Trichloroethane	200	198	99	8	30	68-121	
1,1-Dichloroethane	200	236	118	4	30	75-126	
1,1-Dichloroethene	200	210	105	4	30	71-123	
1,2,3-Trichlorobenzene	200	206	103	12	30	72-135	
1,2,4-Trichlorobenzene	200	201	100	18	30	76-129	
1,2-Dibromo-3-Chloropropane	200	181	91	1	30	53-136	
1,2-Dichlorobenzene	200	202	101	4	30	81-120	
1,2-Dichloroethane	200	244	122	2	30	75-127	
1,2-Dichloropropane	200	223	111	3	30	70-120	
1,3-Dichlorobenzene	200	205	103	7	30	75-120	
1,4-Dichlorobenzene	200	197	98	5	30	75-120	
1,4-Dioxane	4000	4590	115	33	30	46-150	*
2-Butanone (MEK)	1000	871	87	0	30	52-140	
2-Hexanone	1000	895	90	1	30	49-131	
4-Methyl-2-pentanone (MIBK)	1000	1030	103	0	30	56-132	
Acetone	1000	734	73	8	30	26-150	
Benzene	200	217	108	1	30	69-125	
Bromoform	200	124	62	0	30	50-134	
Bromomethane	200	186	93	6	30	27-150	
Carbon disulfide	200	224	112	1	30	61-126	
Carbon tetrachloride	200	187	93	7	30	58-150	
Chlorobenzene	200	203	101	1	30	77-120	
Chlorobromomethane	200	202	101	2	30	70-134	
Chlorodibromomethane	200	159	79	6	30	63-131	
Chloroethane	200	222	111	0	30	58-145	
Chloroform	200	224	112	1	30	81-122	
Chloromethane	200	195	98	4	30	43-145	
cis-1,2-Dichloroethene	200	201	100	3	30	78-121	
cis-1,3-Dichloropropene	200	200	100	3	30	71-120	
Cyclohexane	200	226	113	1	30	50-150	
Dichlorobromomethane	200	190	95	1	30	72-123	
Dichlorodifluoromethane	200	162	81	6	30	40-150	
Ethylbenzene	200	211	106	2	30	74-120	
Ethylene Dibromide	200	200	100	3	30	77-117	
Isopropylbenzene	200	215	108	3	30	74-127	
Methyl acetate	1000	1160	116	1	30	62-140	
Methyl tert-butyl ether	200	259	109	2	30	73-125	
Methylcyclohexane	200	211	106	4	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29700.D

Lab ID: 460-98769-A-22 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	200	207	103	2	30	76-123	
m-Xylene & p-Xylene	200	207	103	2	30	78-119	
o-Xylene	200	215	107	5	30	79-120	
Styrene	200	207	104	5	30	76-120	
Tetrachloroethene	200	189	95	2	30	70-136	
Toluene	200	210	105	1	30	78-120	
trans-1,2-Dichloroethene	200	205	102	3	30	79-120	
trans-1,3-Dichloropropene	200	201	100	2	30	71-123	
Trichloroethene	200	214	107	2	30	74-120	
Trichlorofluoromethane	200	232	116	0	30	65-142	
Vinyl chloride	200	196	98	0	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29727.D

Lab ID: 460-99115-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	200	208	104	0	30	73-134	
1,1,2,2-Tetrachloroethane	200	204	102	1	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	213	106	3	30	60-144	
1,1,2-Trichloroethane	200	196	98	2	30	68-121	
1,1-Dichloroethane	200	231	116	1	30	75-126	
1,1-Dichloroethene	200	204	102	2	30	71-123	
1,2,3-Trichlorobenzene	200	212	106	15	30	72-135	
1,2,4-Trichlorobenzene	200	199	100	13	30	76-129	
1,2-Dibromo-3-Chloropropane	200	196	98	4	30	53-136	
1,2-Dichlorobenzene	200	203	101	1	30	81-120	
1,2-Dichloroethane	200	245	122	2	30	75-127	
1,2-Dichloropropane	200	221	111	2	30	70-120	
1,3-Dichlorobenzene	200	203	101	0	30	75-120	
1,4-Dichlorobenzene	200	201	101	2	30	75-120	
1,4-Dioxane	4000	4830	121	30	30	46-150	
2-Butanone (MEK)	1000	865	86	0	30	52-140	
2-Hexanone	1000	898	90	4	30	49-131	
4-Methyl-2-pentanone (MIBK)	1000	1020	102	1	30	56-132	
Acetone	1000	723	72	2	30	26-150	
Benzene	200	220	110	4	30	69-125	
Bromoform	200	123	62	7	30	50-134	
Bromomethane	200	191	96	7	30	27-150	
Carbon disulfide	200	225	112	4	30	61-126	
Carbon tetrachloride	200	181	91	7	30	58-150	
Chlorobenzene	200	203	102	2	30	77-120	
Chlorobromomethane	200	204	102	1	30	70-134	
Chlorodibromomethane	200	155	77	6	30	63-131	
Chloroethane	200	216	108	5	30	58-145	
Chloroform	200	221	110	2	30	81-122	
Chloromethane	200	187	93	2	30	43-145	
cis-1,2-Dichloroethene	200	194	97	1	30	78-121	
cis-1,3-Dichloropropene	200	206	103	3	30	71-120	
Cyclohexane	200	237	119	4	30	50-150	
Dichlorobromomethane	200	193	96	6	30	72-123	
Dichlorodifluoromethane	200	178	89	4	30	40-150	
Ethylbenzene	200	212	106	7	30	74-120	
Ethylene Dibromide	200	199	100	2	30	77-117	
Isopropylbenzene	200	219	110	5	30	74-127	
Methyl acetate	1000	1140	114	0	30	62-140	
Methyl tert-butyl ether	200	223	111	0	30	73-125	
Methylcyclohexane	200	205	103	0	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J29727.D

Lab ID: 460-99115-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	200	207	103	4	30	76-123	
m-Xylene & p-Xylene	200	204	102	3	30	78-119	
o-Xylene	200	212	106	2	30	79-120	
Styrene	200	202	101	6	30	76-120	
Tetrachloroethene	200	197	98	8	30	70-136	
Toluene	200	210	105	1	30	78-120	
trans-1,2-Dichloroethene	200	200	100	2	30	79-120	
trans-1,3-Dichloropropene	200	205	102	4	30	71-123	
Trichloroethene	200	213	107	5	30	74-120	
Trichlorofluoromethane	200	224	112	1	30	65-142	
Vinyl chloride	200	191	95	3	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab File ID: J29693.D Lab Sample ID: MB 460-314889/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 08/06/2015 07:59

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-314889/4	J29689.D	08/06/2015 06:13
	460-98769-A-22 MS	J29699.D	08/06/2015 10:37
	460-98769-A-22 MSD	J29700.D	08/06/2015 11:04
FB-9	460-98871-10	J29705.D	08/06/2015 13:14
MW-52	460-98871-1	J29706.D	08/06/2015 13:40
MW-59	460-98871-2	J29707.D	08/06/2015 14:05
MW-03	460-98871-3	J29708.D	08/06/2015 14:31
MW-22	460-98871-4	J29709.D	08/06/2015 14:57
MW-36	460-98871-6	J29710.D	08/06/2015 15:23
MW-06	460-98871-7	J29711.D	08/06/2015 15:49
MW-24	460-98871-8	J29712.D	08/06/2015 16:14
MW-43	460-98871-9	J29713.D	08/06/2015 16:40

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab File ID: J29721.D Lab Sample ID: MB 460-315171/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 08/07/2015 08:19

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-315171/5	J29718.D	08/07/2015 06:43
FB-8	460-98871-5	J29722.D	08/07/2015 08:45
	460-99115-A-1 MS	J29726.D	08/07/2015 10:31
	460-99115-A-1 MSD	J29727.D	08/07/2015 10:57

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab File ID: J29083.D BFB Injection Date: 07/21/2015

Instrument ID: CVOAMS8 BFB Injection Time: 10:08

Analysis Batch No.: 311803

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
75	30.0 - 60.0 % of mass 95	48.3	
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	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	81.9	
175	5.0 - 9.0 % of mass 174	6.7	(8.2)1
176	95.0 - 101.0 % of mass 174	82.1	(100.2)1
177	5.0 - 9.0 % of mass 176	5.3	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-311803/4	J29086.D	07/21/2015	11:43
	STD20 460-311803/5	J29087.D	07/21/2015	12:09
	STD50 460-311803/6	J29088.D	07/21/2015	12:35
	STD200 460-311803/7	J29089.D	07/21/2015	13:02
	STD500 460-311803/8	J29090.D	07/21/2015	13:28
	STD7 460-311803/11	J29093.D	07/21/2015	14:47
	STD1 460-311803/19	J29101.D	07/21/2015	18:18

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab File ID: J29686.D BFB Injection Date: 08/06/2015

Instrument ID: CVOAMS8 BFB Injection Time: 04:48

Analysis Batch No.: 314889

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.9	
75	30.0 - 60.0 % of mass 95	51.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	78.4	
175	5.0 - 9.0 % of mass 174	6.0	(7.6)1
176	95.0 - 101.0 % of mass 174	77.4	(98.7)1
177	5.0 - 9.0 % of mass 176	6.7	(8.7)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-314889/3	J29688.D	08/06/2015	05:44
	LCS 460-314889/4	J29689.D	08/06/2015	06:13
	MB 460-314889/8	J29693.D	08/06/2015	07:59
	460-98769-A-22 MS	J29699.D	08/06/2015	10:37
	460-98769-A-22 MSD	J29700.D	08/06/2015	11:04
FB-9	460-98871-10	J29705.D	08/06/2015	13:14
MW-52	460-98871-1	J29706.D	08/06/2015	13:40
MW-59	460-98871-2	J29707.D	08/06/2015	14:05
MW-03	460-98871-3	J29708.D	08/06/2015	14:31
MW-22	460-98871-4	J29709.D	08/06/2015	14:57
MW-36	460-98871-6	J29710.D	08/06/2015	15:23
MW-06	460-98871-7	J29711.D	08/06/2015	15:49
MW-24	460-98871-8	J29712.D	08/06/2015	16:14
MW-43	460-98871-9	J29713.D	08/06/2015	16:40

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab File ID: J29714.D BFB Injection Date: 08/07/2015

Instrument ID: CVOAMS8 BFB Injection Time: 04:53

Analysis Batch No.: 315171

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.3	
75	30.0 - 60.0 % of mass 95	52.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.4	
175	5.0 - 9.0 % of mass 174	6.2	(7.4)1
176	95.0 - 101.0 % of mass 174	81.7	(96.8)1
177	5.0 - 9.0 % of mass 176	4.7	(5.8)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-315171/4	J29717.D	08/07/2015	06:15
	LCS 460-315171/5	J29718.D	08/07/2015	06:43
	MB 460-315171/8	J29721.D	08/07/2015	08:19
FB-8	460-98871-5	J29722.D	08/07/2015	08:45
	460-99115-A-1 MS	J29726.D	08/07/2015	10:31
	460-99115-A-1 MSD	J29727.D	08/07/2015	10:57

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Sample No.: CCVIS 460-314889/3 Date Analyzed: 08/06/2015 05:44

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29688.D Heated Purge: (Y/N) N

Calibration ID: 51398

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		207729	3.17	361712	4.53	477669	5.85
UPPER LIMIT		415458	3.67	723424	5.03	955338	6.35
LOWER LIMIT		103865	2.67	180856	4.03	238835	5.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-314889/4		221038	3.17	352347	4.53	473319	5.85
MB 460-314889/8		216511	3.16	349483	4.53	465989	5.85
460-98769-A-22 MS		226655	3.16	373404	4.53	475710	5.85
460-98769-A-22 MSD		230223	3.17	366917	4.53	471173	5.85
460-98871-10	FB-9	200986	3.16	336267	4.54	468713	5.85
460-98871-1	MW-52	192238	3.16	334358	4.53	466402	5.85
460-98871-2	MW-59	194452	3.16	337392	4.53	462917	5.85
460-98871-3	MW-03	193586	3.16	333614	4.53	465306	5.85
460-98871-4	MW-22	192415	3.17	333915	4.54	463217	5.85
460-98871-6	MW-36	202498	3.16	352902	4.53	458710	5.85
460-98871-7	MW-06	200769	3.16	354222	4.53	459994	5.85
460-98871-8	MW-24	184225	3.17	329322	4.53	451914	5.85
460-98871-9	MW-43	185865	3.16	338709	4.54	464930	5.85

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Sample No.: CCVIS 460-314889/3 Date Analyzed: 08/06/2015 05:44

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29688.D Heated Purge: (Y/N) N

Calibration ID: 51398

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		28924	6.65	359078	9.57	156164	11.48
UPPER LIMIT		57848	7.15	718156	10.07	312328	11.98
LOWER LIMIT		14462	6.15	179539	9.07	78082	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-314889/4		28183	6.65	343501	9.57	156008	11.48
MB 460-314889/8		26425	6.65	337530	9.57	145459	11.48
460-98769-A-22 MS		28194	6.64	359099	9.57	162647	11.48
460-98769-A-22 MSD		28150	6.65	352393	9.57	160559	11.48
460-98871-10	FB-9	24814	6.64	340836	9.57	145198	11.49
460-98871-1	MW-52	24939	6.65	340050	9.57	145280	11.49
460-98871-2	MW-59	25159	6.65	335271	9.57	142089	11.49
460-98871-3	MW-03	24826	6.65	338601	9.57	145395	11.49
460-98871-4	MW-22	24434	6.64	334858	9.57	144165	11.48
460-98871-6	MW-36	27015	6.65	335852	9.57	142285	11.48
460-98871-7	MW-06	25959	6.65	336540	9.57	142019	11.48
460-98871-8	MW-24	25122	6.65	333999	9.57	139941	11.48
460-98871-9	MW-43	24223	6.65	340665	9.57	144688	11.48

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Sample No.: CCVIS 460-315171/4 Date Analyzed: 08/07/2015 06:15

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29717.D Heated Purge: (Y/N) N

Calibration ID: 51398

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		191142	3.17	351876	4.53	463595	5.85
UPPER LIMIT		382284	3.67	703752	5.03	927190	6.35
LOWER LIMIT		95571	2.67	175938	4.03	231798	5.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-315171/5		203404	3.17	350618	4.53	465630	5.85
MB 460-315171/8		214385	3.16	348888	4.53	462460	5.85
460-98871-5	FB-8	207847	3.16	355744	4.53	454792	5.85
460-99115-A-1 MS		213108	3.16	361708	4.53	462504	5.85
460-99115-A-1 MSD		222595	3.17	364348	4.53	473127	5.85

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Sample No.: CCVIS 460-315171/4 Date Analyzed: 08/07/2015 06:15

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J29717.D Heated Purge: (Y/N) N

Calibration ID: 51398

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27868	6.65	342203	9.57	153037	11.48
UPPER LIMIT		55736	7.15	684406	10.07	306074	11.98
LOWER LIMIT		13934	6.15	171102	9.07	76519	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-315171/5		26675	6.65	341676	9.57	153607	11.47
MB 460-315171/8		25663	6.64	337299	9.57	148447	11.48
460-98871-5	FB-8	26255	6.65	333348	9.57	143823	11.48
460-99115-A-1 MS		28129	6.65	347940	9.57	153930	11.48
460-99115-A-1 MSD		29463	6.65	344685	9.57	159027	11.48

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-52 | Lab Sample ID: 460-98871-1

Matrix: Water | Lab File ID: J29706.D

Analysis Method: 8260C | Date Collected: 07/29/2015 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 13:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-52 | Lab Sample ID: 460-98871-1

Matrix: Water | Lab File ID: J29706.D

Analysis Method: 8260C | Date Collected: 07/29/2015 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 13:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-52 Lab Sample ID: 460-98871-1

Matrix: Water Lab File ID: J29706.D

Analysis Method: 8260C Date Collected: 07/29/2015 09:25

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 13:40

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29706.D
Lims ID: 460-98871-B-1 Lab Sample ID: 460-98871-1
Client ID: MW-52
Sample Type: Client
Inject. Date: 06-Aug-2015 13:40:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-1
Misc. Info.: 460-0030444-021
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: intarachau Date: 07-Aug-2015 11:59:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.168	-0.004	81	192238	1000.0	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	84	334358	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.118	-0.003	94	105114	49.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	97	158573	55.3	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	466402	50.0	
* 70 1,4-Dioxane-d8	96	6.654	6.646	0.008	87	24939	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	406114	45.0	
* 92 Chlorobenzene-d5	117	9.568	9.572	-0.004	92	340050	50.0	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	81	100165	44.7	
* 120 1,4-Dichlorobenzene-d4	152	11.490	11.475	0.015	98	145280	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

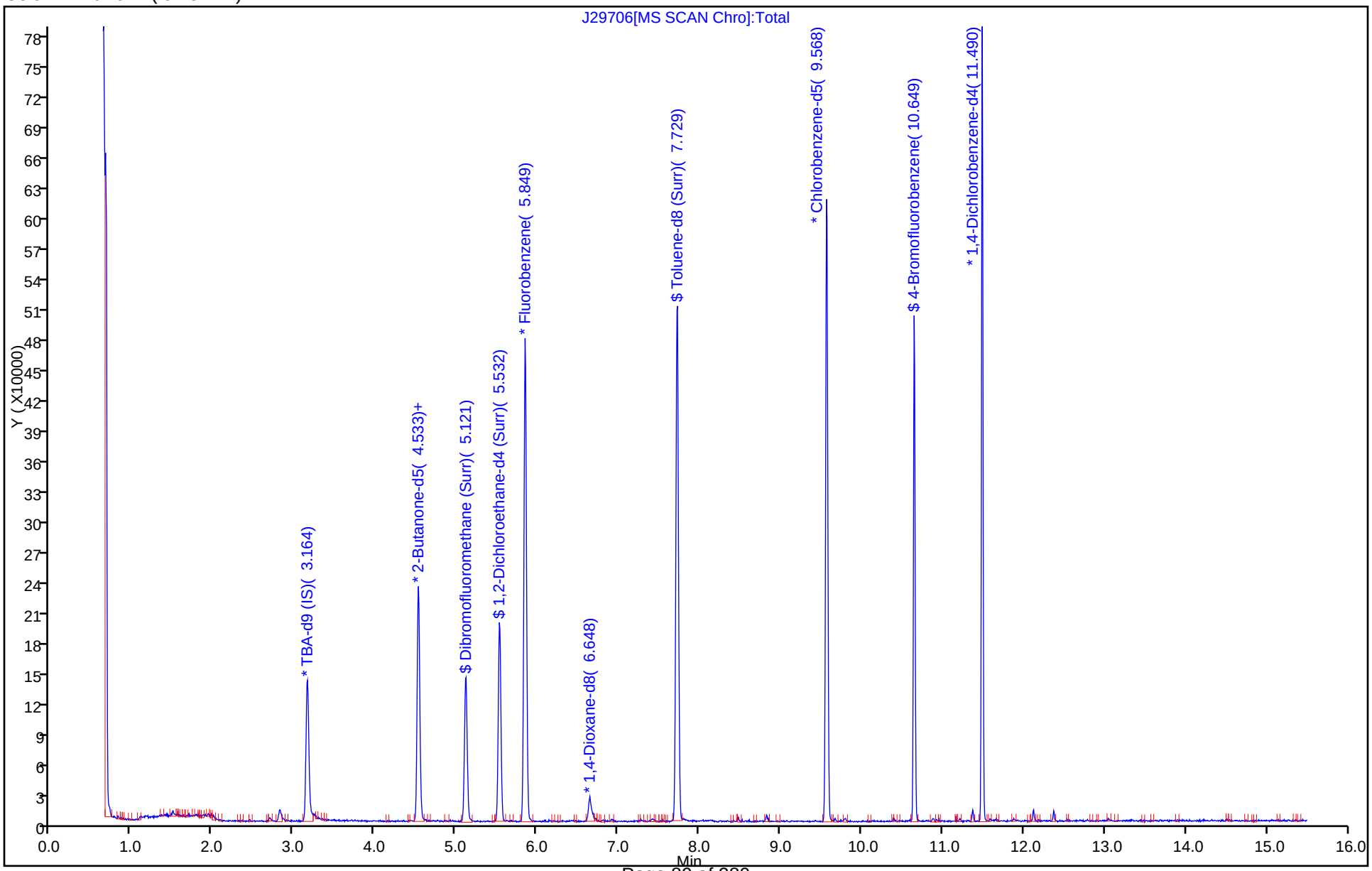
Report Date: 07-Aug-2015 06:29:50 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29706.D

Injection Date:	06-Aug-2015 13:40:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-1	Lab Sample ID:	460-98871-1	Worklist Smp#:	21
Client ID:	MW-52				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-59 | Lab Sample ID: 460-98871-2

Matrix: Water | Lab File ID: J29707.D

Analysis Method: 8260C | Date Collected: 07/29/2015 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 14:05

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	18		1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.75	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-59 | Lab Sample ID: 460-98871-2

Matrix: Water | Lab File ID: J29707.D

Analysis Method: 8260C | Date Collected: 07/29/2015 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 14:05

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-59 Lab Sample ID: 460-98871-2

Matrix: Water Lab File ID: J29707.D

Analysis Method: 8260C Date Collected: 07/29/2015 10:45

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:05

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29707.D
Lims ID: 460-98871-B-2 Lab Sample ID: 460-98871-2
Client ID: MW-59
Sample Type: Client
Inject. Date: 06-Aug-2015 14:05:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-2
Misc. Info.: 460-0030444-022
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 14:18:11 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: intarachau Date: 07-Aug-2015 12:02:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.168	-0.004	82	194452	1000.0	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	84	337392	250.0	
49 Chloroform	83	4.926	4.924	0.002	97	96075	17.6	
$ 52 Dibromofluoromethane (Surr	113	5.114	5.118	-0.004	95	104128	49.1	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	97	160621	56.4	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	462917	50.0	
* 70 1,4-Dioxane-d8	96	6.654	6.646	0.008	86	25159	1000.0	
75 Dichlorobromomethane	83	6.895	6.910	-0.015	95	3388	0.7500	M
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	406373	45.7	
* 92 Chlorobenzene-d5	117	9.568	9.572	-0.004	92	335271	50.0	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	81	99191	44.9	
* 120 1,4-Dichlorobenzene-d4	152	11.489	11.475	0.014	97	142089	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

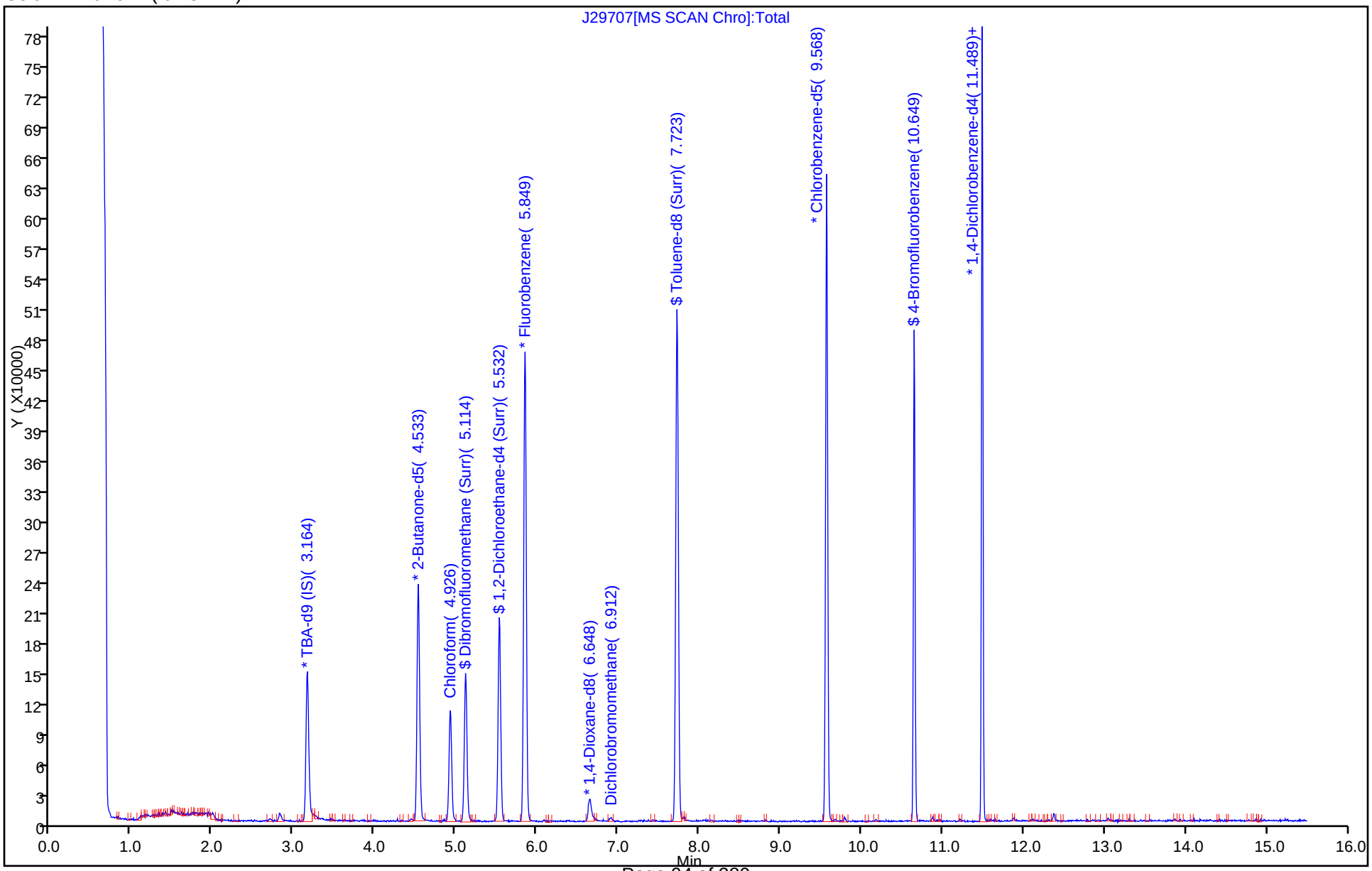
Report Date: 07-Aug-2015 14:18:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29707.D

Injection Date:	06-Aug-2015 14:05:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-2	Lab Sample ID:	460-98871-2	Worklist Smp#:	22
Client ID:	MW-59				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



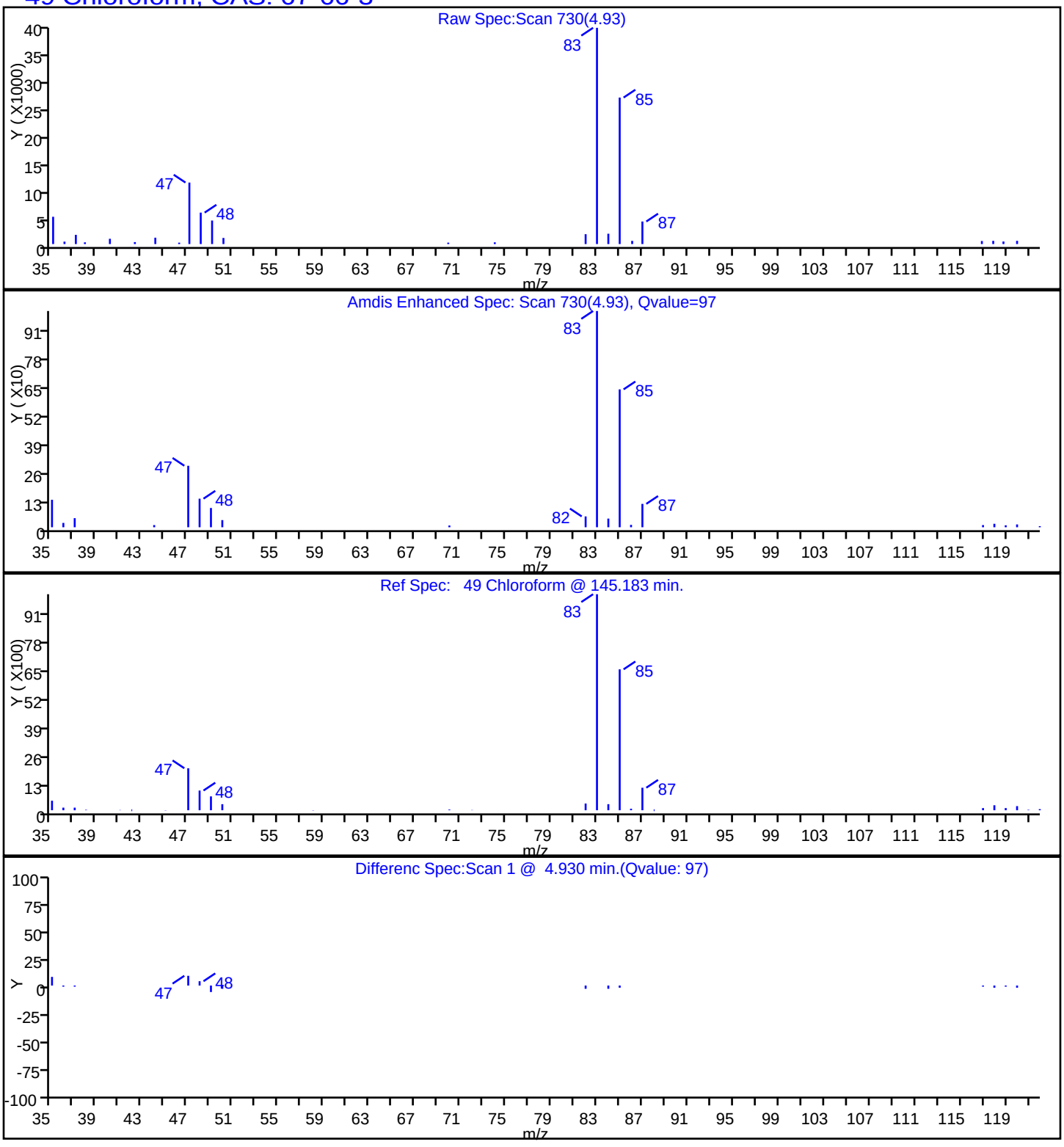
Report Date: 07-Aug-2015 14:18:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29707.D

Injection Date:	06-Aug-2015 14:05:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-B-2	Lab Sample ID:	460-98871-2		
Client ID:	MW-59				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



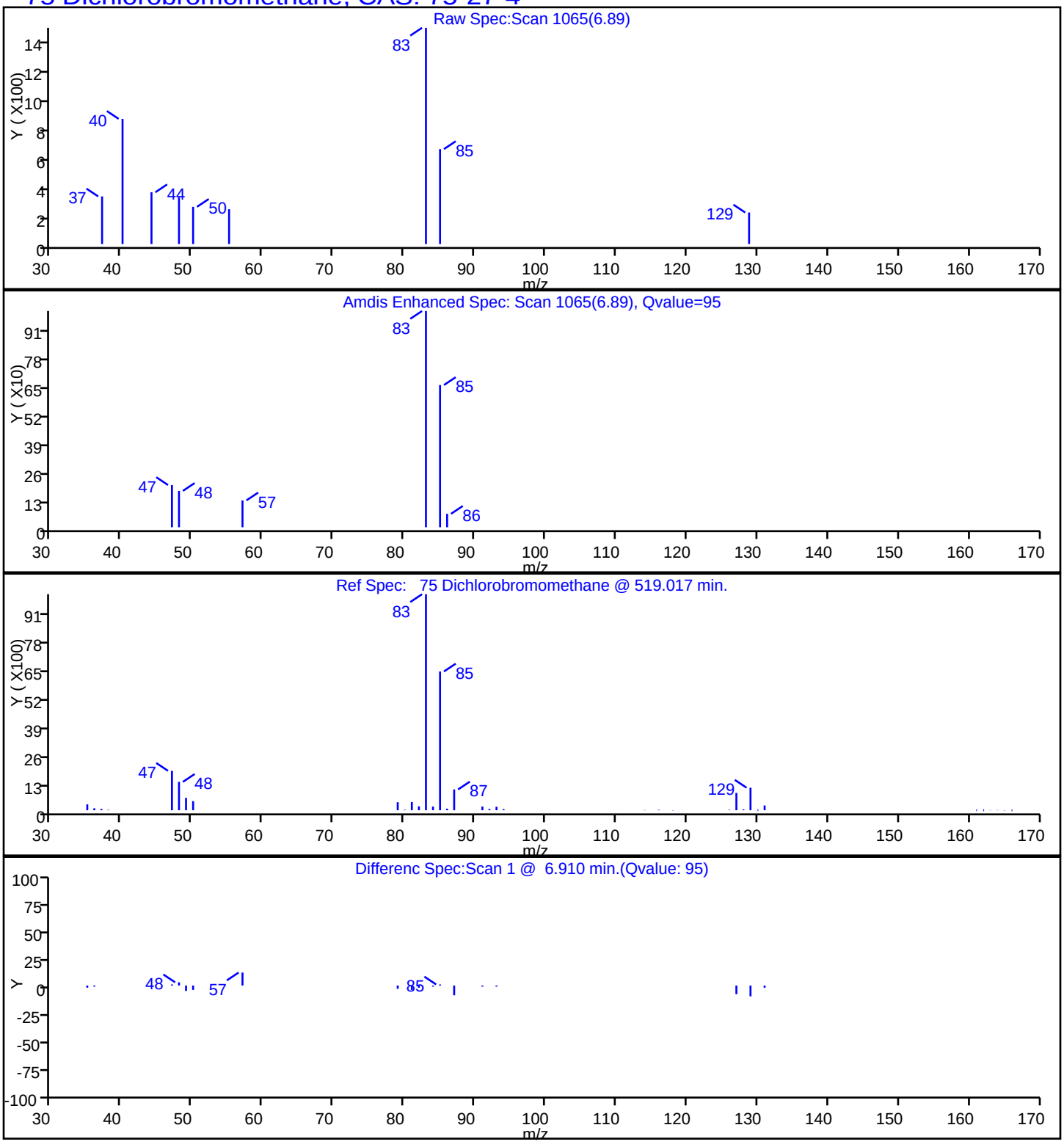
Report Date: 07-Aug-2015 14:18:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29707.D

Injection Date:	06-Aug-2015 14:05:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-B-2	Lab Sample ID:	460-98871-2		
Client ID:	MW-59				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

75 Dichlorobromomethane, CAS: 75-27-4



Manual Integration/User Assign Peak Report

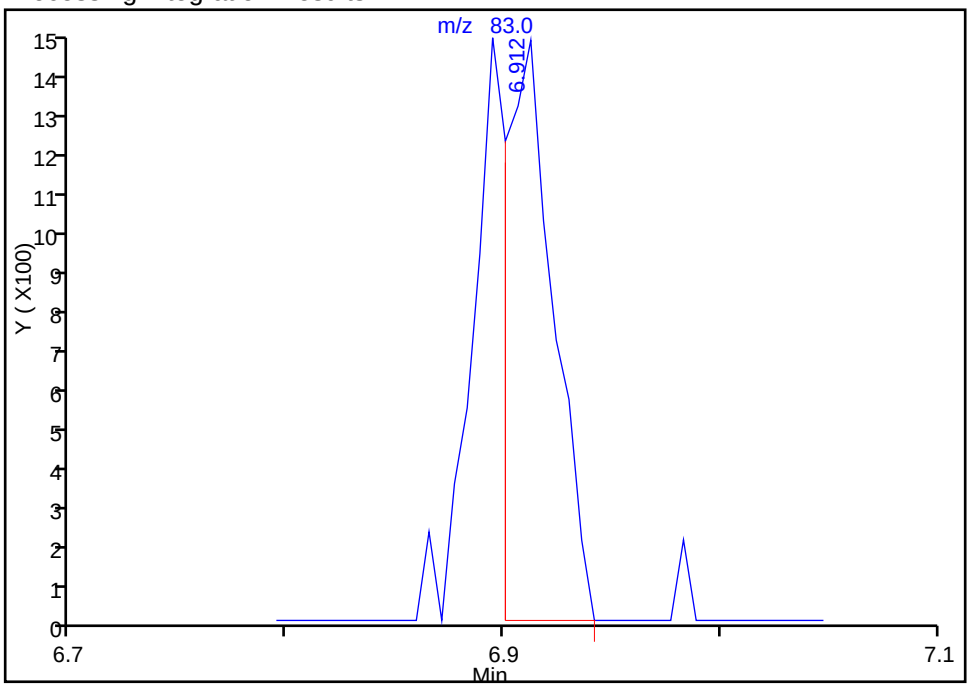
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29707.D				
Injection Date:	06-Aug-2015 14:05:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-B-2	Lab Sample ID:	460-98871-2		
Client ID:	MW-59				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

75 Dichlorobromomethane, CAS: 75-27-4

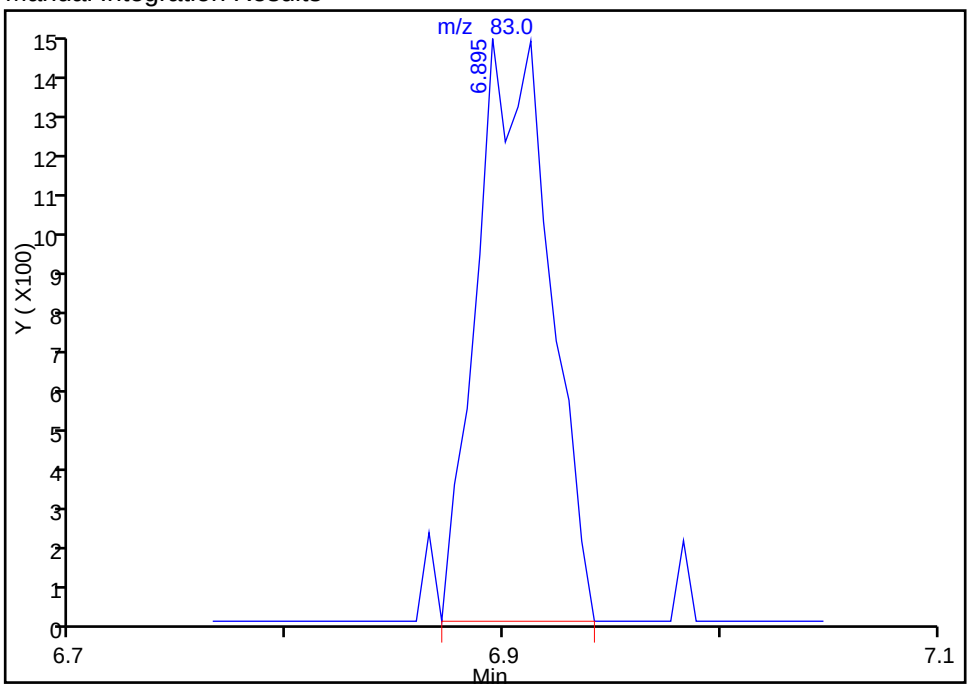
Processing Integration Results

RT: 6.91
Area: 2246
Amount: 0.497167
Amount Units: ug/l



Manual Integration Results

RT: 6.89
Area: 3388
Amount: 0.749956
Amount Units: ug/l



Reviewer: baronm, 07-Aug-2015 14:18:11
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-03 | Lab Sample ID: 460-98871-3

Matrix: Water | Lab File ID: J29708.D

Analysis Method: 8260C | Date Collected: 07/29/2015 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 14:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.83	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-03 | Lab Sample ID: 460-98871-3

Matrix: Water | Lab File ID: J29708.D

Analysis Method: 8260C | Date Collected: 07/29/2015 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 14:31

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	83		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-03 Lab Sample ID: 460-98871-3

Matrix: Water Lab File ID: J29708.D

Analysis Method: 8260C Date Collected: 07/29/2015 12:20

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29708.D
Lims ID: 460-98871-B-3 Lab Sample ID: 460-98871-3
Client ID: MW-03
Sample Type: Client
Inject. Date: 06-Aug-2015 14:31:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-3
Misc. Info.: 460-0030444-023
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:28:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.161	3.168	-0.007	81	193586	1000.0	
* 39 2-Butanone-d5	46	4.530	4.531	-0.001	84	333614	250.0	
49 Chloroform	83	4.929	4.924	0.005	95	4590	0.8347	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.118	-0.001	93	102203	47.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.528	5.529	-0.001	99	157079	54.9	
* 63 Fluorobenzene	96	5.846	5.847	-0.001	97	465306	50.0	
* 70 1,4-Dioxane-d8	96	6.645	6.646	-0.001	88	24826	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.726	7.727	-0.001	98	400568	44.6	
* 92 Chlorobenzene-d5	117	9.571	9.572	-0.001	91	338601	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.653	-0.001	80	93104	41.7	
* 120 1,4-Dichlorobenzene-d4	152	11.492	11.475	0.017	97	145395	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

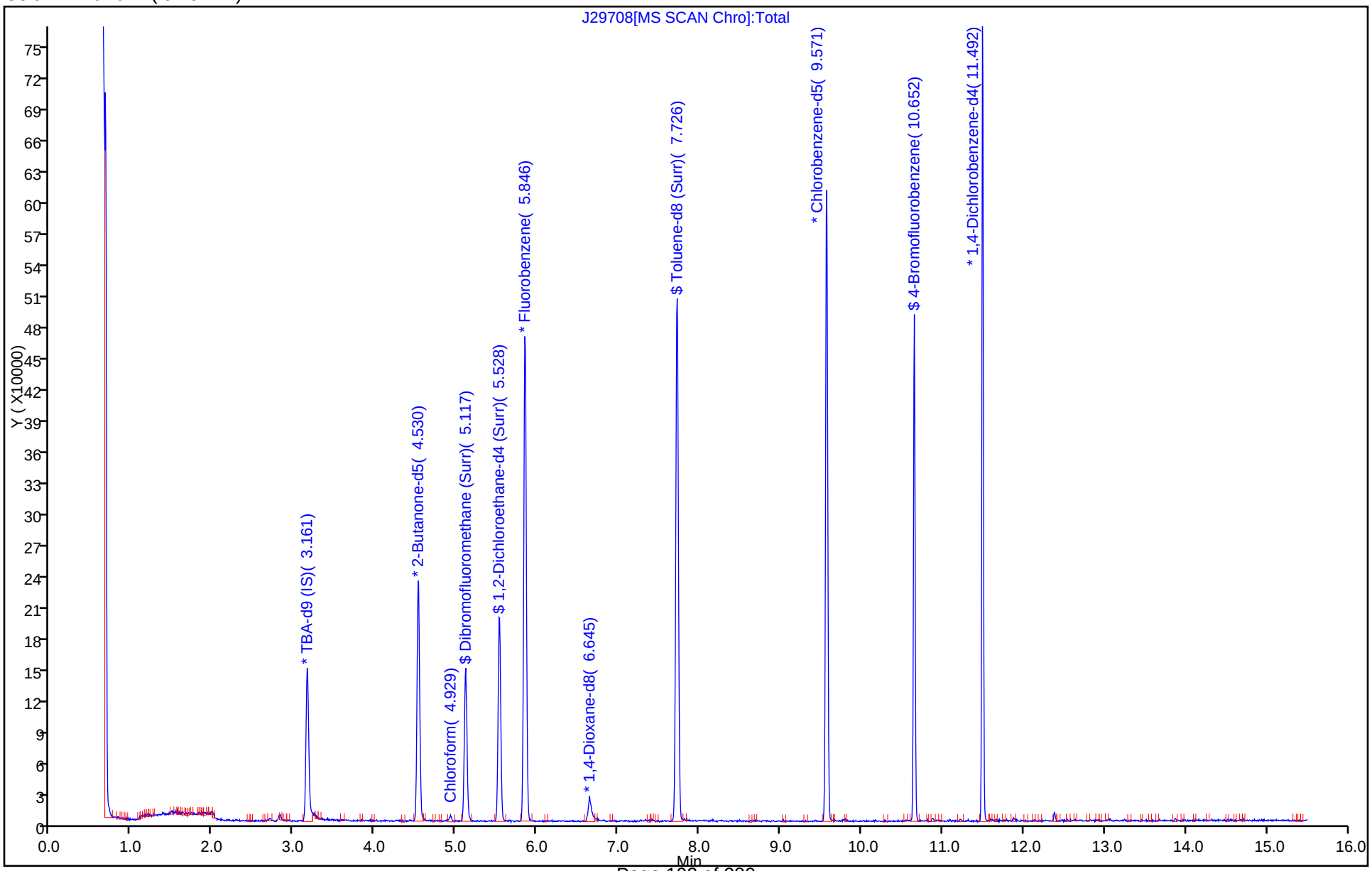
Report Date: 07-Aug-2015 06:29:52 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29708.D

Injection Date:	06-Aug-2015 14:31:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-3	Lab Sample ID:	460-98871-3	Worklist Smp#:	23
Client ID:	MW-03				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



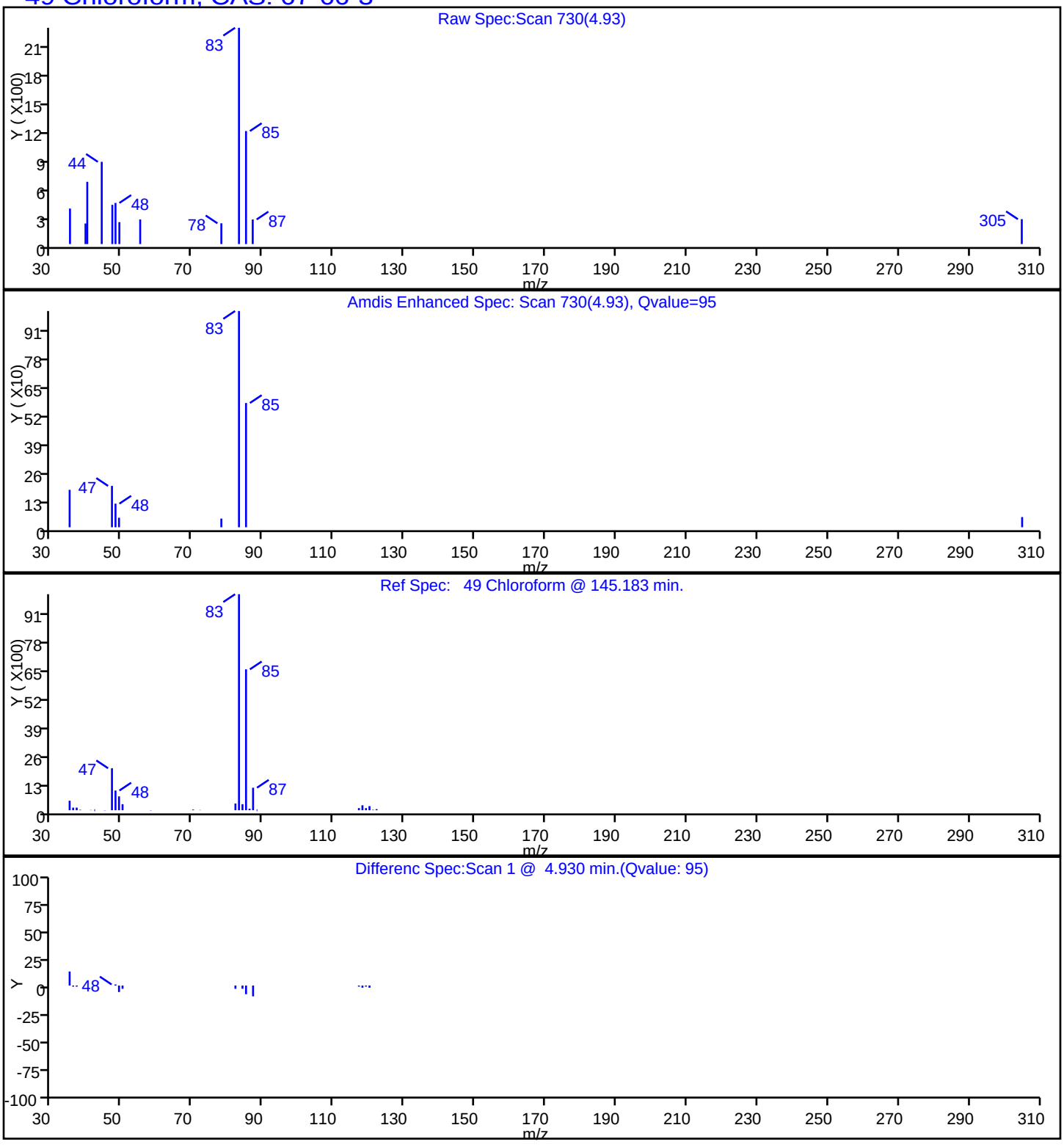
Report Date: 07-Aug-2015 06:29:52 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29708.D

Injection Date:	06-Aug-2015 14:31:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-B-3	Lab Sample ID:	460-98871-3		
Client ID:	MW-03				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-98871-4

Matrix: Water | Lab File ID: J29709.D

Analysis Method: 8260C | Date Collected: 07/29/2015 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 14:57

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-98871-4

Matrix: Water | Lab File ID: J29709.D

Analysis Method: 8260C | Date Collected: 07/29/2015 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 14:57

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-22 Lab Sample ID: 460-98871-4

Matrix: Water Lab File ID: J29709.D

Analysis Method: 8260C Date Collected: 07/29/2015 13:30

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29709.D
Lims ID: 460-98871-B-4 Lab Sample ID: 460-98871-4
Client ID: MW-22
Sample Type: Client
Inject. Date: 06-Aug-2015 14:57:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-4
Misc. Info.: 460-0030444-024
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:28:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.166	3.168	-0.002	81	192415	1000.0	
* 39 2-Butanone-d5	46	4.535	4.531	0.004	84	333915	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.118	-0.001	94	101891	48.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.529	0.005	99	160831	56.4	
* 63 Fluorobenzene	96	5.851	5.847	0.004	96	463217	50.0	
* 70 1,4-Dioxane-d8	96	6.639	6.646	-0.007	88	24434	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.720	7.727	-0.007	98	411022	46.3	
* 92 Chlorobenzene-d5	117	9.571	9.572	-0.001	91	334858	50.0	
$ 103 4-Bromofluorobenzene	174	10.652	10.653	-0.001	82	95992	43.5	
* 120 1,4-Dichlorobenzene-d4	152	11.480	11.475	0.005	97	144165	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

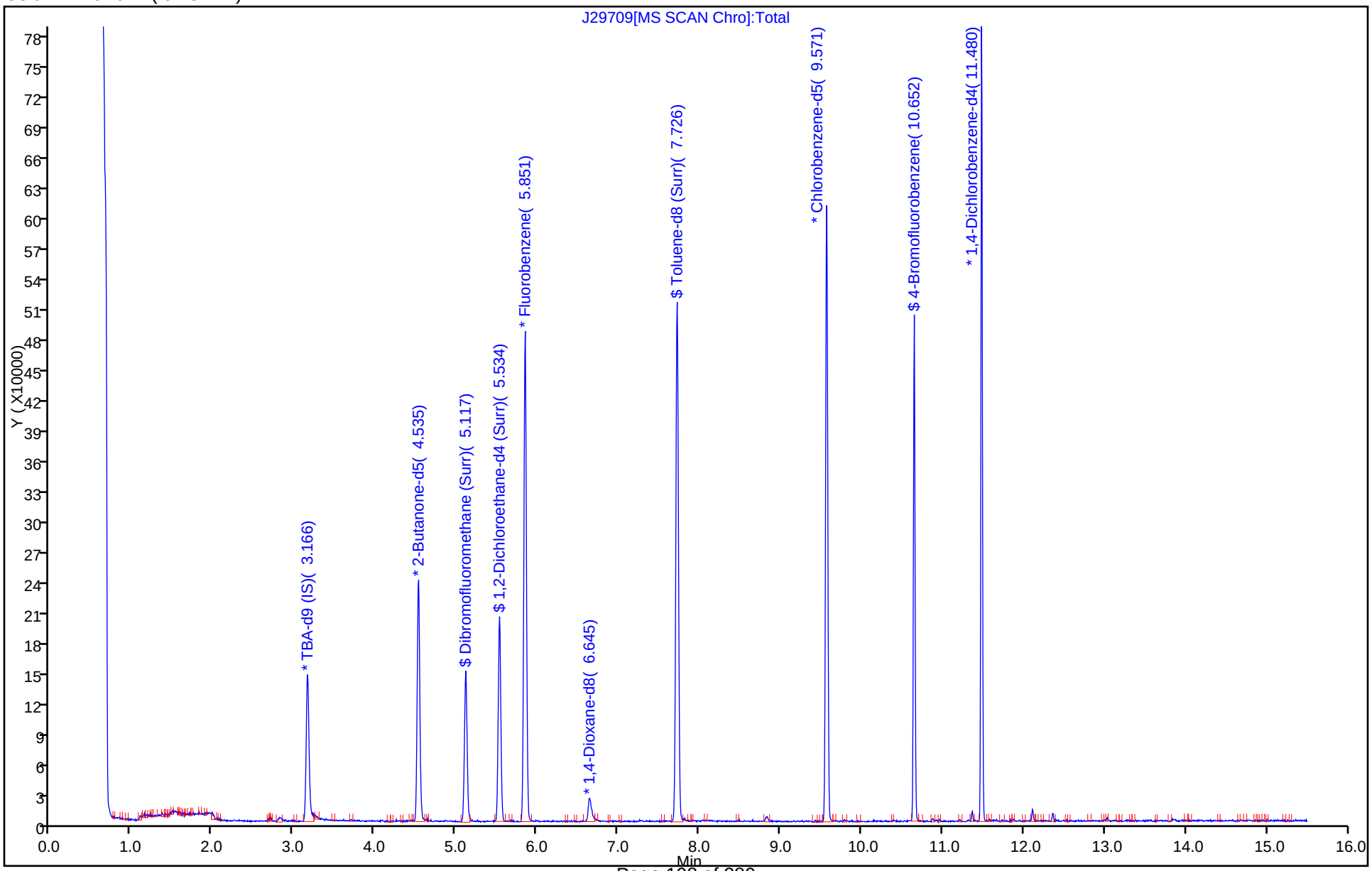
Report Date: 07-Aug-2015 06:29:52 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29709.D

Injection Date:	06-Aug-2015 14:57:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-4	Lab Sample ID:	460-98871-4	Worklist Smp#:	24
Client ID:	MW-22				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-8 | Lab Sample ID: 460-98871-5

Matrix: Water | Lab File ID: J29722.D

Analysis Method: 8260C | Date Collected: 07/29/2015 14:04

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 08:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.90	J	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-8 | Lab Sample ID: 460-98871-5

Matrix: Water | Lab File ID: J29722.D

Analysis Method: 8260C | Date Collected: 07/29/2015 14:04

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 08:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-8 Lab Sample ID: 460-98871-5

Matrix: Water Lab File ID: J29722.D

Analysis Method: 8260C Date Collected: 07/29/2015 14:04

Sample wt/vol: 5(mL) Date Analyzed: 08/07/2015 08:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 315171 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29722.D
Lims ID: 460-98871-A-5 Lab Sample ID: 460-98871-5
Client ID: FB-8
Sample Type: Client
Inject. Date: 07-Aug-2015 08:45:30 ALS Bottle#: 4 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-A-5
Misc. Info.: 460-0030486-009
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2015 12:39:04 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: starzecm Date: 07-Aug-2015 18:39:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.160	0.004	81	207847	1000.0	
* 39 2-Butanone-d5	46	4.533	4.529	0.004	84	355744	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.117	-0.002	95	104665	50.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.528	0.004	97	160516	57.4	
* 63 Fluorobenzene	96	5.850	5.851	-0.001	97	454792	50.0	
* 70 1,4-Dioxane-d8	96	6.649	6.644	0.005	88	26255	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.726	-0.002	98	403595	45.7	
* 92 Chlorobenzene-d5	117	9.569	9.570	-0.001	91	333348	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.651	-0.001	85	93510	42.5	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.480	-0.002	97	143823	50.0	
121 1,4-Dichlorobenzene	146	11.496	11.498	-0.002	91	4385	0.8957	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

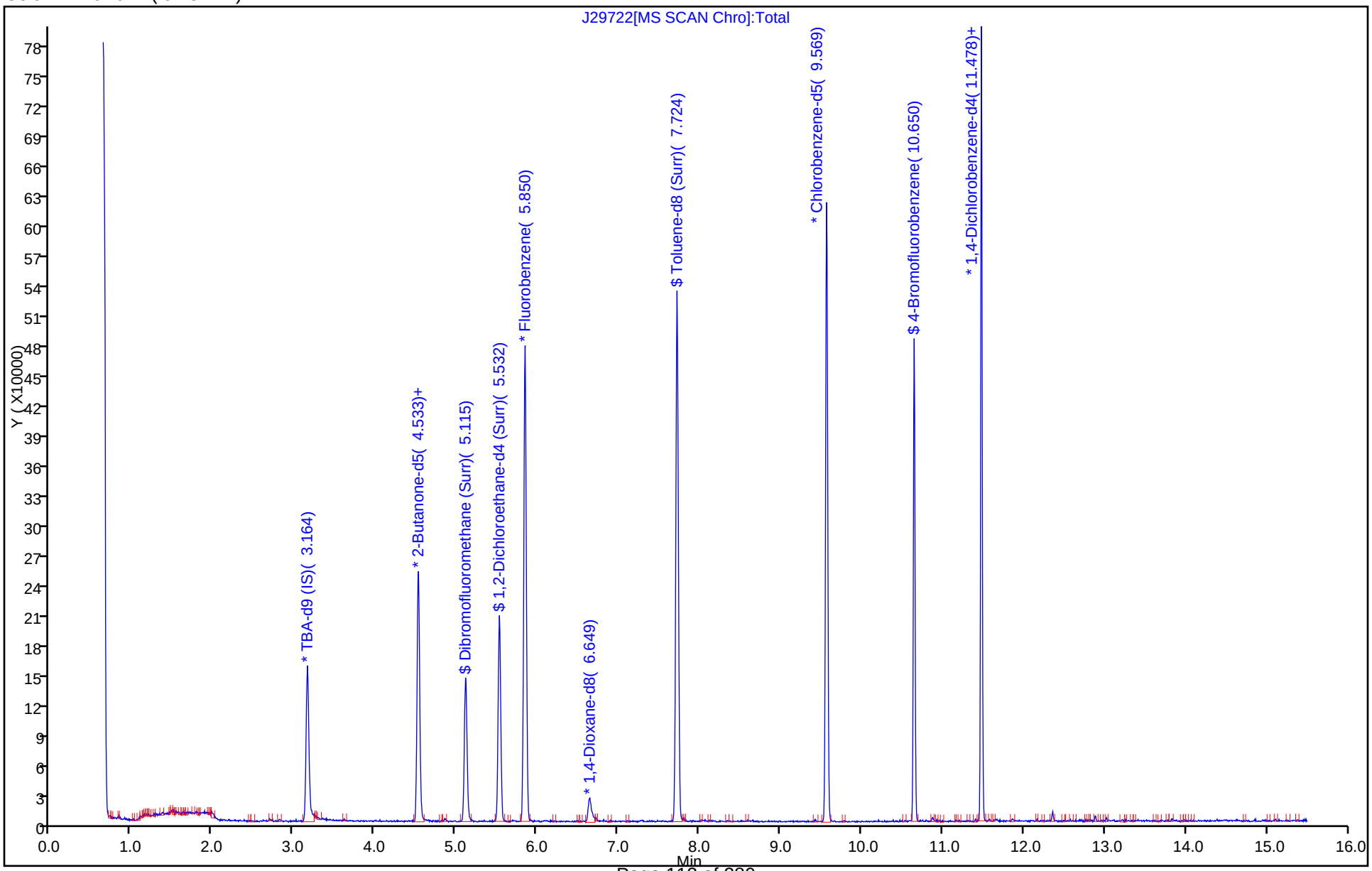
Report Date: 09-Aug-2015 12:40:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29722.D

Injection Date:	07-Aug-2015 08:45:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-A-5	Lab Sample ID:	460-98871-5	Worklist Smp#:	9
Client ID:	FB-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



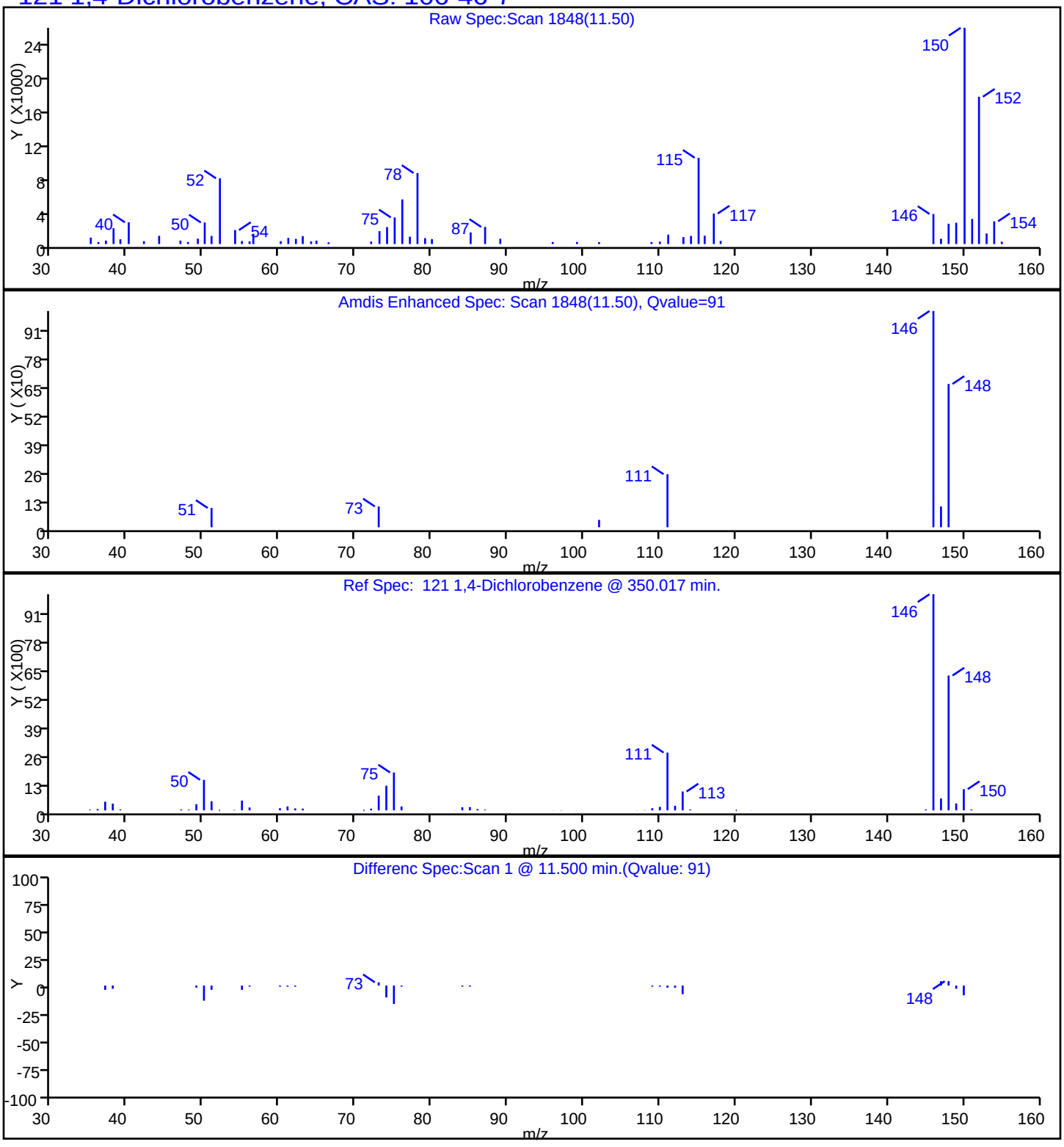
Report Date: 09-Aug-2015 12:40:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29722.D

Injection Date:	07-Aug-2015 08:45:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-A-5	Lab Sample ID:	460-98871-5		
Client ID:	FB-8				
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-36 | Lab Sample ID: 460-98871-6

Matrix: Water | Lab File ID: J29710.D

Analysis Method: 8260C | Date Collected: 07/30/2015 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 15:23

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.90	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-36 | Lab Sample ID: 460-98871-6

Matrix: Water | Lab File ID: J29710.D

Analysis Method: 8260C | Date Collected: 07/30/2015 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 15:23

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-36 Lab Sample ID: 460-98871-6

Matrix: Water Lab File ID: J29710.D

Analysis Method: 8260C Date Collected: 07/30/2015 09:55

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 15:23

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29710.D
Lims ID: 460-98871-B-6 Lab Sample ID: 460-98871-6
Client ID: MW-36
Sample Type: Client
Inject. Date: 06-Aug-2015 15:23:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-6
Misc. Info.: 460-0030444-025
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:28:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.168	-0.004	82	202498	1000.0	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	84	352902	250.0	
49 Chloroform	83	4.926	4.924	0.002	94	4855	0.8956	
$ 52 Dibromofluoromethane (Surr	113	5.114	5.118	-0.004	95	104849	49.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	98	157846	55.9	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	458710	50.0	
* 70 1,4-Dioxane-d8	96	6.648	6.646	0.002	91	27015	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	407576	45.8	
* 92 Chlorobenzene-d5	117	9.568	9.572	-0.004	91	335852	50.0	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	81	96668	43.6	
* 120 1,4-Dichlorobenzene-d4	152	11.483	11.475	0.008	98	142285	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

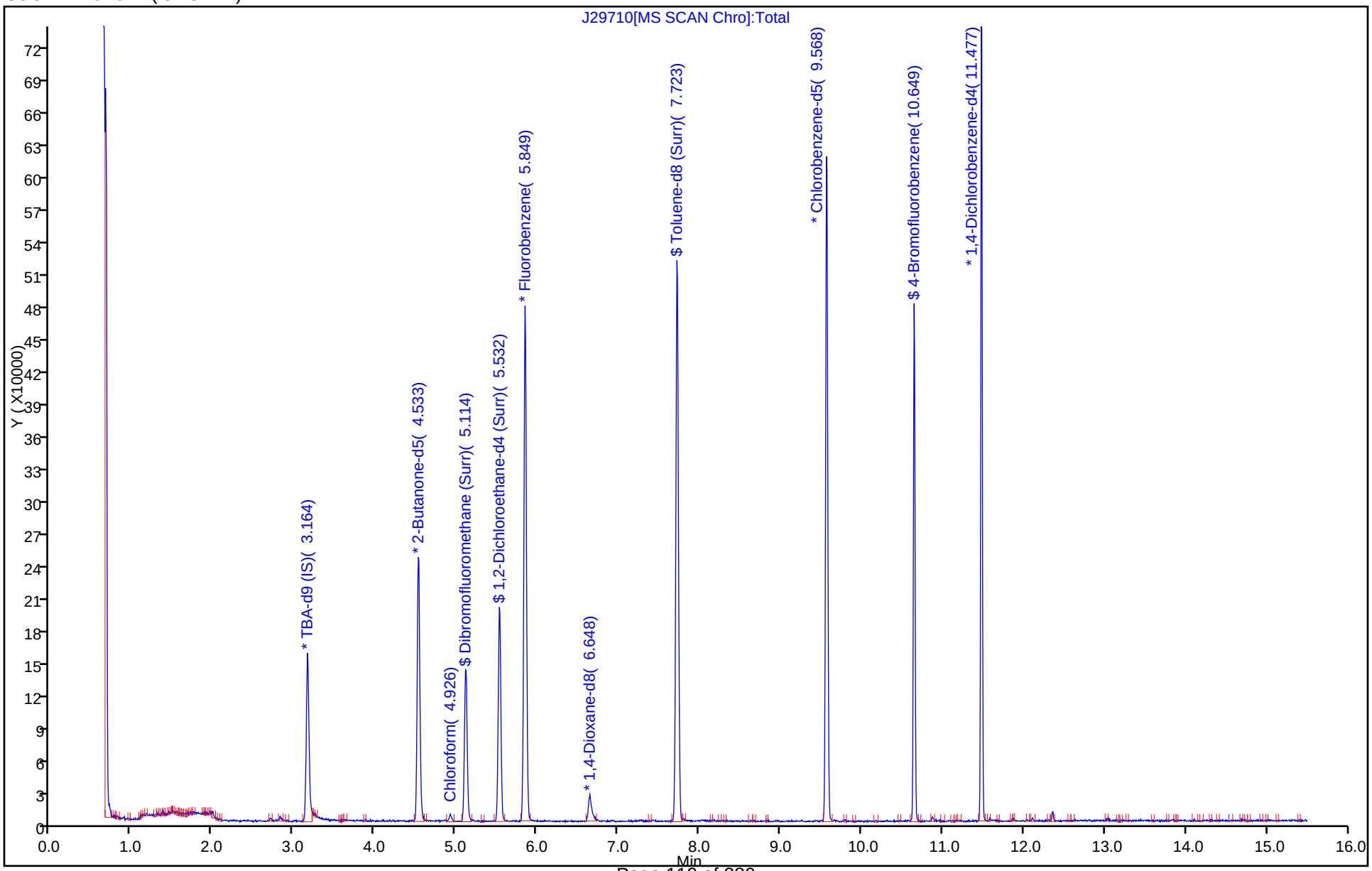
Report Date: 07-Aug-2015 06:29:53 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29710.D

Injection Date:	06-Aug-2015 15:23:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-6	Lab Sample ID:	460-98871-6	Worklist Smp#:	25
Client ID:	MW-36				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



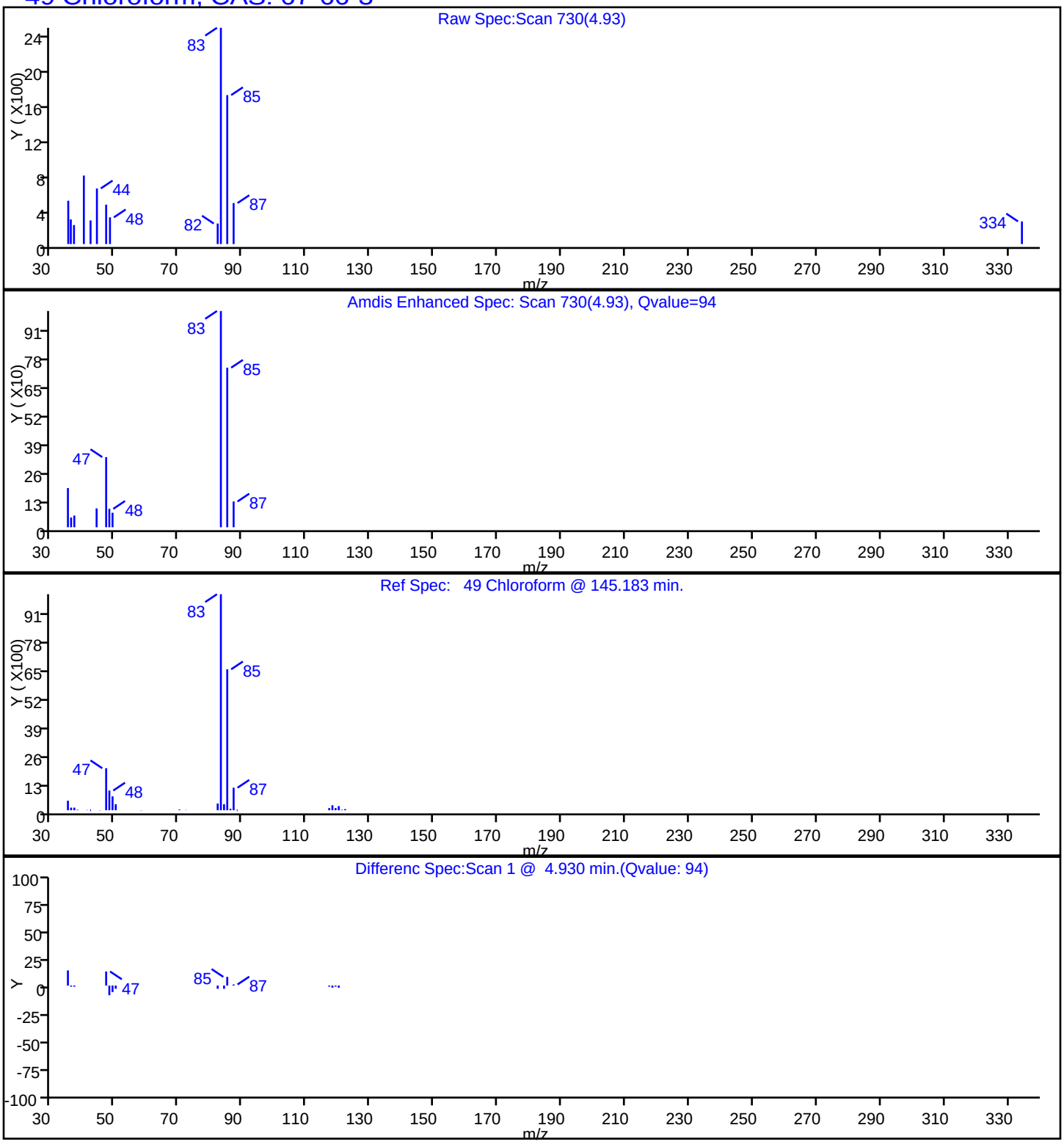
Report Date: 07-Aug-2015 06:29:53 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29710.D

Injection Date:	06-Aug-2015 15:23:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-B-6	Lab Sample ID:	460-98871-6		
Client ID:	MW-36				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-06 | Lab Sample ID: 460-98871-7

Matrix: Water | Lab File ID: J29711.D

Analysis Method: 8260C | Date Collected: 07/30/2015 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 15:49

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-06 | Lab Sample ID: 460-98871-7

Matrix: Water | Lab File ID: J29711.D

Analysis Method: 8260C | Date Collected: 07/30/2015 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 15:49

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	82		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-06 Lab Sample ID: 460-98871-7

Matrix: Water Lab File ID: J29711.D

Analysis Method: 8260C Date Collected: 07/30/2015 11:10

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 15:49

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29711.D
Lims ID: 460-98871-B-7 Lab Sample ID: 460-98871-7
Client ID: MW-06
Sample Type: Client
Inject. Date: 06-Aug-2015 15:49:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-7
Misc. Info.: 460-0030444-026
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:28:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.168	-0.004	82	200769	1000.0	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	84	354222	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.114	5.118	-0.004	94	103754	49.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.537	5.529	0.008	96	152227	53.8	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	459994	50.0	
* 70 1,4-Dioxane-d8	96	6.648	6.646	0.002	91	25959	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	397153	44.5	
* 92 Chlorobenzene-d5	117	9.568	9.572	-0.004	92	336540	50.0	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	80	91335	41.2	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.475	0.003	97	142019	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

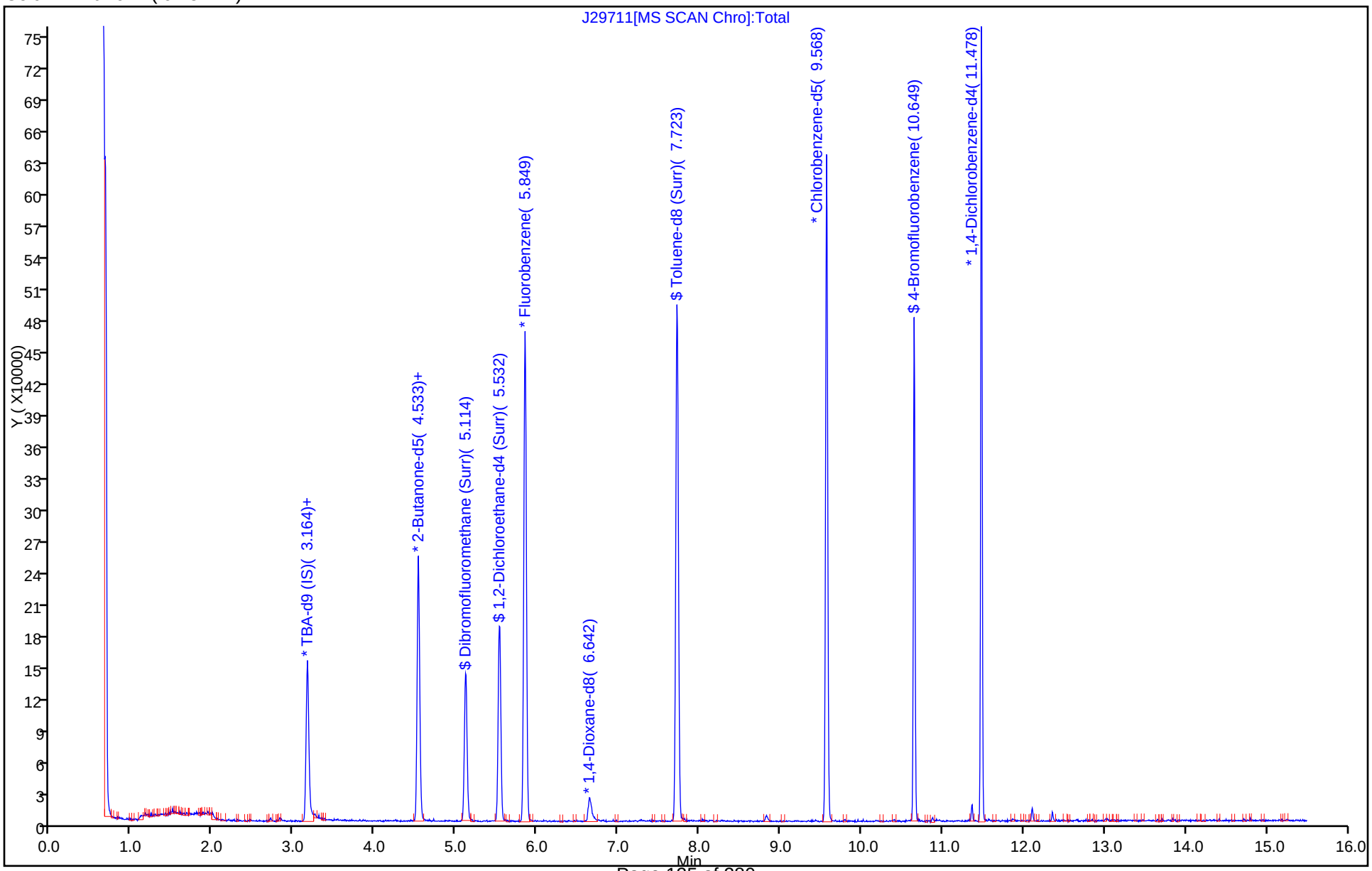
Report Date: 07-Aug-2015 06:29:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29711.D

Injection Date:	06-Aug-2015 15:49:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-7	Lab Sample ID:	460-98871-7	Worklist Smp#:	26
Client ID:	MW-06				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-24 | Lab Sample ID: 460-98871-8

Matrix: Water | Lab File ID: J29712.D

Analysis Method: 8260C | Date Collected: 07/30/2015 13:01

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 16:14

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-24 | Lab Sample ID: 460-98871-8

Matrix: Water | Lab File ID: J29712.D

Analysis Method: 8260C | Date Collected: 07/30/2015 13:01

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 16:14

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	0.28	J	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-24 Lab Sample ID: 460-98871-8

Matrix: Water Lab File ID: J29712.D

Analysis Method: 8260C Date Collected: 07/30/2015 13:01

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 16:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29712.D
Lims ID: 460-98871-B-8 Lab Sample ID: 460-98871-8
Client ID: MW-24
Sample Type: Client
Inject. Date: 06-Aug-2015 16:14:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-8
Misc. Info.: 460-0030444-027
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 14:19:52 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:29:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.165	3.168	-0.003	82	184225	1000.0	
29 Methyl tert-butyl ether	73	3.382	3.379	0.003	57	2532	0.2811	
* 39 2-Butanone-d5	46	4.534	4.531	0.003	84	329322	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.116	5.118	-0.002	93	102439	49.5	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.533	5.529	0.004	98	156471	56.3	
* 63 Fluorobenzene	96	5.850	5.847	0.003	97	451914	50.0	
* 70 1,4-Dioxane-d8	96	6.649	6.646	0.003	87	25122	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.727	-0.003	98	401287	45.3	
* 92 Chlorobenzene-d5	117	9.569	9.572	-0.003	92	333999	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.653	-0.003	80	94103	42.7	
* 120 1,4-Dichlorobenzene-d4	152	11.479	11.475	0.004	97	139941	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

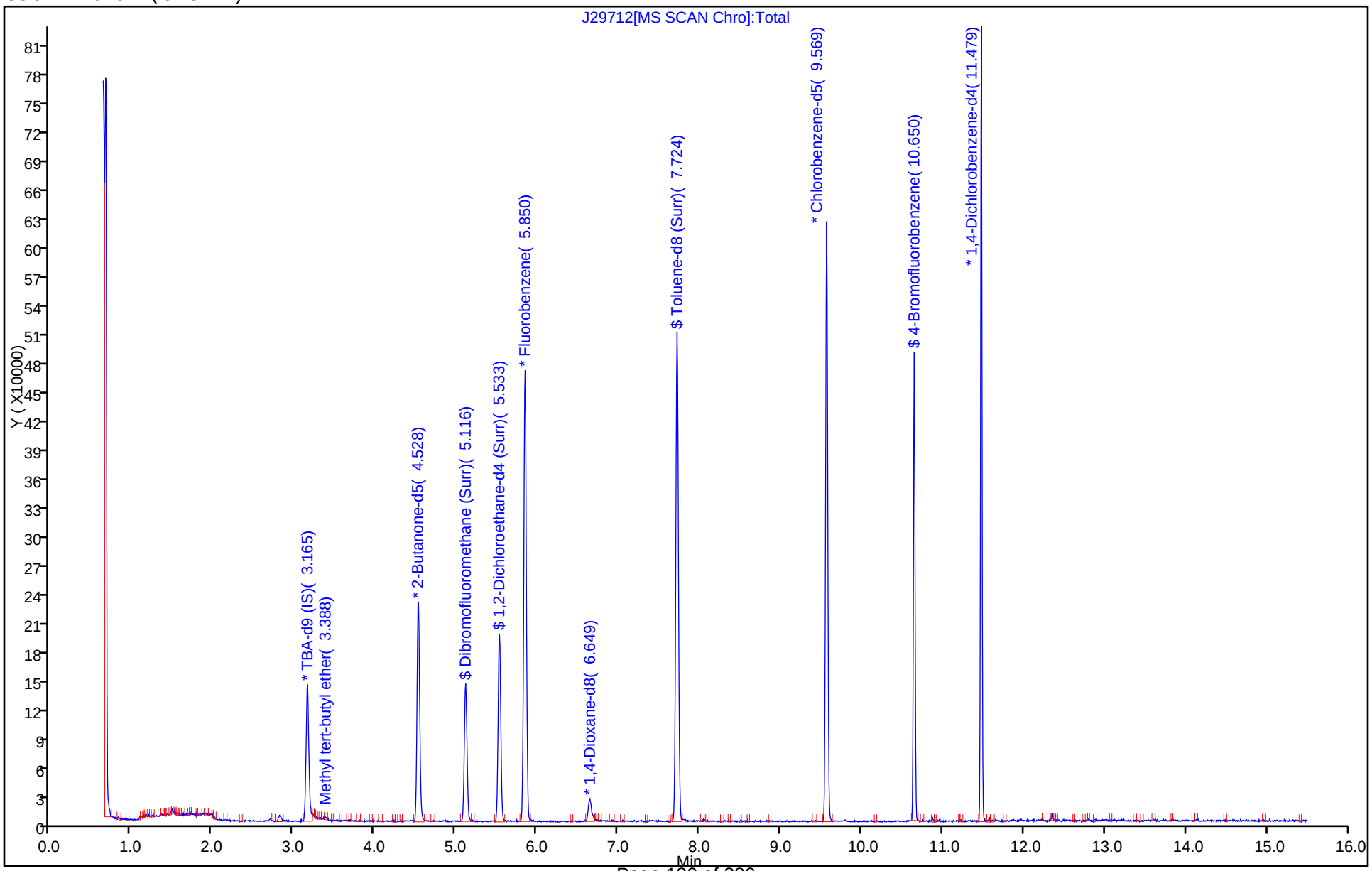
Report Date: 07-Aug-2015 14:19:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29712.D

Injection Date:	06-Aug-2015 16:14:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-8	Lab Sample ID:	460-98871-8	Worklist Smp#:	27
Client ID:	MW-24				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



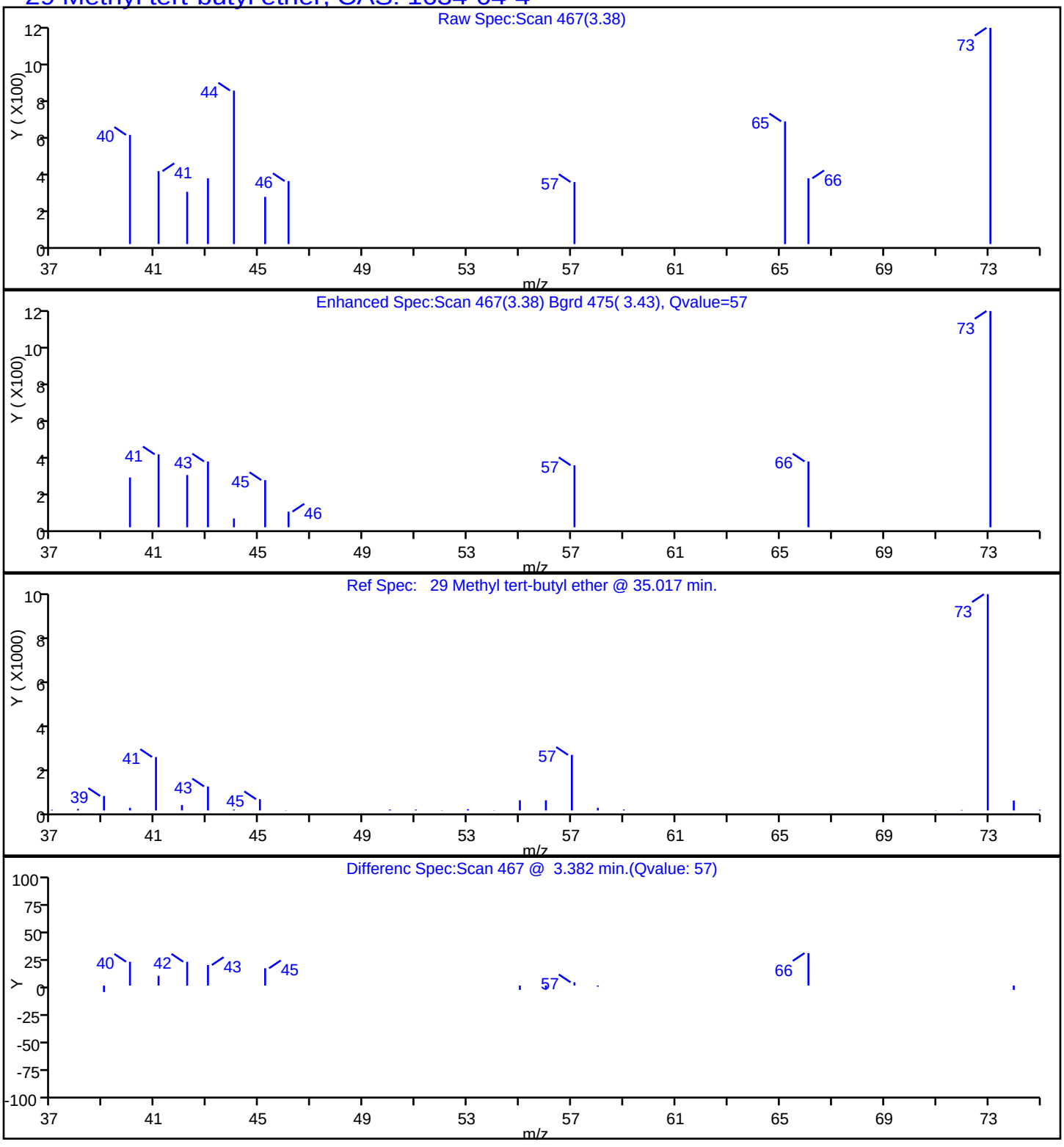
Report Date: 07-Aug-2015 14:19:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29712.D

Injection Date:	06-Aug-2015 16:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-98871-B-8	Lab Sample ID:	460-98871-8		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

29 Methyl tert-butyl ether, CAS: 1634-04-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-43 | Lab Sample ID: 460-98871-9

Matrix: Water | Lab File ID: J29713.D

Analysis Method: 8260C | Date Collected: 07/30/2015 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 16:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-43 | Lab Sample ID: 460-98871-9

Matrix: Water | Lab File ID: J29713.D

Analysis Method: 8260C | Date Collected: 07/30/2015 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 16:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-43 Lab Sample ID: 460-98871-9

Matrix: Water Lab File ID: J29713.D

Analysis Method: 8260C Date Collected: 07/30/2015 14:40

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 16:40

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29713.D
Lims ID: 460-98871-B-9 Lab Sample ID: 460-98871-9
Client ID: MW-43
Sample Type: Client
Inject. Date: 06-Aug-2015 16:40:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-B-9
Misc. Info.: 460-0030444-028
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:29:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.161	3.168	-0.007	81	185865	1000.0	
* 39 2-Butanone-d5	46	4.536	4.531	0.005	84	338709	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.118	5.118	0.000	93	103929	48.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.535	5.529	0.006	98	157059	54.9	
* 63 Fluorobenzene	96	5.852	5.847	0.005	97	464930	50.0	
* 70 1,4-Dioxane-d8	96	6.646	6.646	0.000	86	24223	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.727	7.727	0.000	99	406414	45.0	
* 92 Chlorobenzene-d5	117	9.572	9.572	0.000	91	340665	50.0	
$ 103 4-Bromofluorobenzene	174	10.653	10.653	0.000	83	100217	44.6	
* 120 1,4-Dichlorobenzene-d4	152	11.475	11.475	0.000	98	144688	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

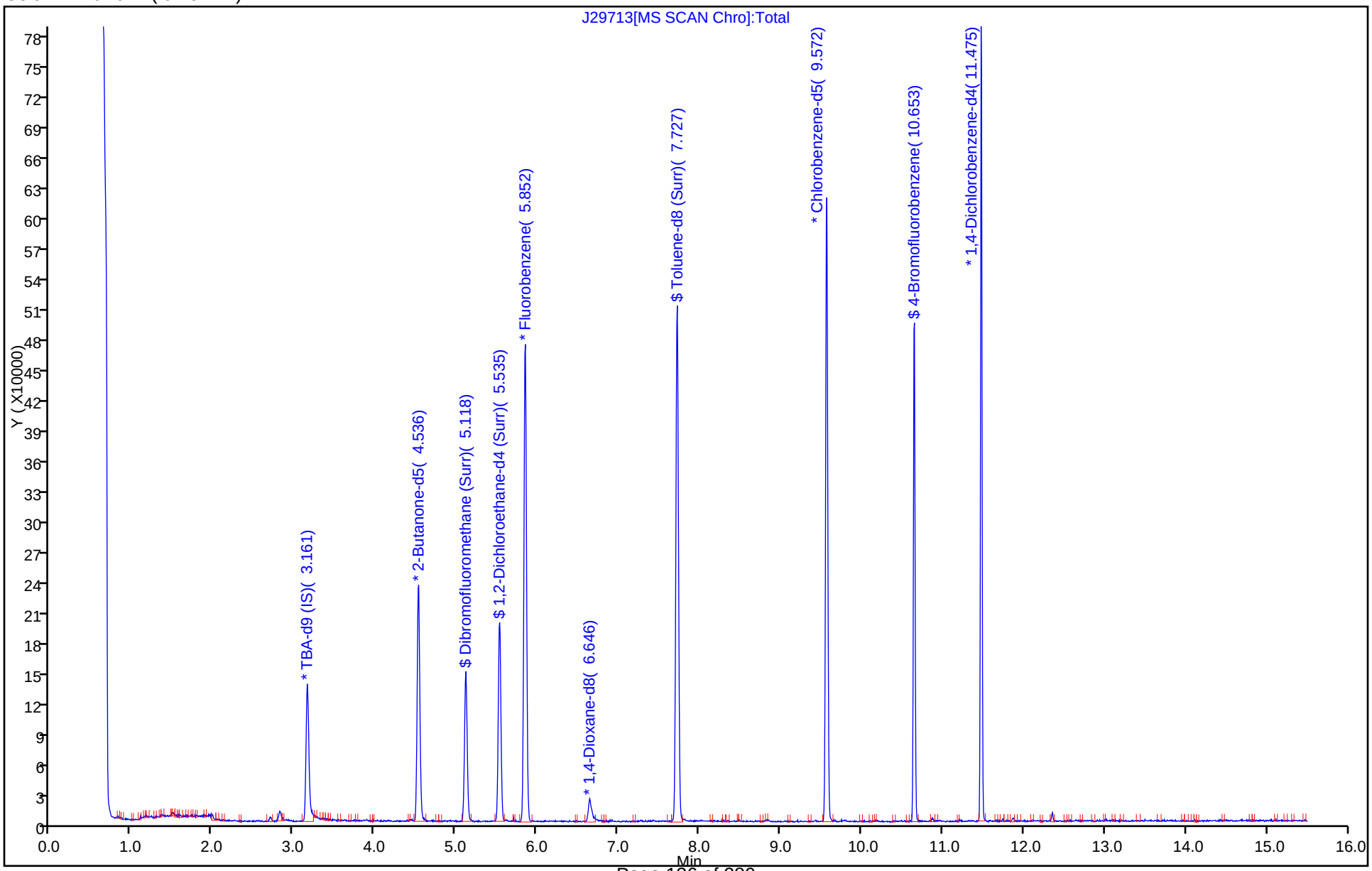
Report Date: 07-Aug-2015 06:29:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29713.D

Injection Date:	06-Aug-2015 16:40:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-B-9	Lab Sample ID:	460-98871-9	Worklist Smp#:	28
Client ID:	MW-43				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-9 | Lab Sample ID: 460-98871-10

Matrix: Water | Lab File ID: J29705.D

Analysis Method: 8260C | Date Collected: 07/30/2015 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 13:14

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-9 | Lab Sample ID: 460-98871-10

Matrix: Water | Lab File ID: J29705.D

Analysis Method: 8260C | Date Collected: 07/30/2015 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 13:14

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-9 Lab Sample ID: 460-98871-10

Matrix: Water Lab File ID: J29705.D

Analysis Method: 8260C Date Collected: 07/30/2015 15:15

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 13:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29705.D
Lims ID: 460-98871-A-10 Lab Sample ID: 460-98871-10
Client ID: FB-9
Sample Type: Client
Inject. Date: 06-Aug-2015 13:14:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-98871-A-10
Misc. Info.: 460-0030444-020
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 12:09:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 07-Aug-2015 06:27:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	82	200986	1000.0	
* 39 2-Butanone-d5	46	4.535	4.531	0.004	84	336267	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.123	5.118	0.005	95	104424	48.6	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.529	0.005	98	159596	55.4	
* 63 Fluorobenzene	96	5.851	5.847	0.004	97	468713	50.0	
* 70 1,4-Dioxane-d8	96	6.644	6.646	-0.002	86	24814	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.725	7.727	-0.002	98	409916	45.4	
* 92 Chlorobenzene-d5	117	9.570	9.572	-0.002	92	340836	50.0	
$ 103 4-Bromofluorobenzene	174	10.651	10.653	-0.002	80	95178	42.3	
* 120 1,4-Dichlorobenzene-d4	152	11.492	11.475	0.017	98	145198	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

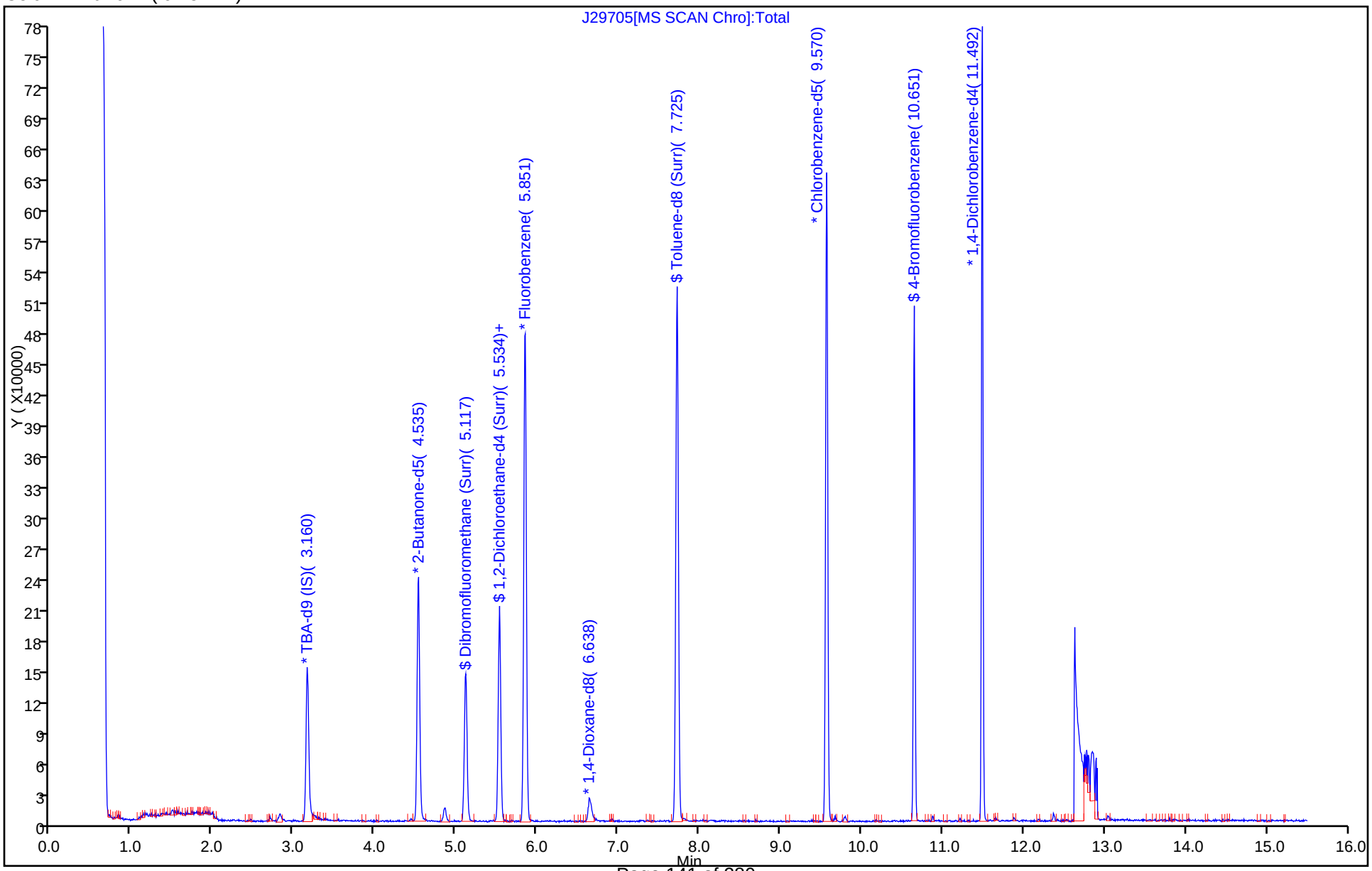
Report Date: 07-Aug-2015 06:29:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29705.D

Injection Date:	06-Aug-2015 13:14:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98871-A-10	Lab Sample ID:	460-98871-10	Worklist Smp#:	20
Client ID:	FB-9				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-311803/11	J29093.D
Level 2	STD1 460-311803/19	J29101.D
Level 3	STD5 460-311803/4	J29086.D
Level 4	STD20 460-311803/5	J29087.D
Level 5	STD50 460-311803/6	J29088.D
Level 6	STD200 460-311803/7	J29089.D
Level 7	STD500 460-311803/8	J29090.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0411	0.0367 0.0374	0.0552	0.0478	0.0402	Ave		0.0431				16.6		20.0			
Dichlorodifluoromethane	+++++ 0.3617	0.3574 0.3333	0.4240	0.3987	0.3828	Ave		0.3763			0.1000	8.6		20.0			
Chloromethane	+++++ 0.4937	0.5082 0.4567	0.5673	0.5481	0.5162	Ave		0.5150			0.1000	7.6		20.0			
Vinyl chloride	+++++ 0.4632	0.4144 0.4245	0.5609	0.5074	0.4797	Ave		0.4750			0.1000	11.5		20.0			
Butadiene	+++++ 0.4297	0.5445 0.3950	0.5398	0.4616	0.4583	Ave		0.4715				12.7		20.0			
Bromomethane	+++++ 0.2375	0.3057 0.2423	0.2113	0.2071	0.2155	Ave		0.2366			0.1000	15.5		20.0			
Chloroethane	+++++ 0.2640	0.2944 0.2464	0.3423	0.2810	0.2736	Ave		0.2836			0.1000	11.6		20.0			
Dichlorofluoromethane	+++++ 0.6049	0.5615 0.5549	0.7834	0.6669	0.6235	Ave		0.6325				13.4		20.0			
Trichlorofluoromethane	+++++ 0.4528	0.3964 0.4171	0.5409	0.4854	0.4635	Ave		0.4594			0.1000	11.2		20.0			
Pentane	+++++ 1.8633	1.7516 1.6974	2.5771	1.9966	1.8695	Ave		1.9593				16.3		20.0			
Ethanol	+++++ 0.0816	0.0849 0.0773	0.0818	0.0871	0.0843	Ave		0.0828				4.1		20.0			
Ethyl ether	+++++ 0.2954	0.3155 0.2821	0.3705	0.3155	0.3125	Ave		0.3152				9.6		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3287	0.3260 0.3063	0.3933	0.3568	0.3448	Ave		0.3427				8.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2297	0.2291 0.2212	0.2840	0.2530	0.2421	Ave		0.2432				9.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2460	0.1246 0.2350	0.2912	0.2646	0.2550	Qua2	-0.150	0.2819	-0.000108		0.1000				0.9930		0.9900
Acrolein	+++++ 0.6894	0.6298 0.6261	0.6181	0.6627	0.5866	Ave		0.6354				5.7		20.0			
1,1-Dichloroethene	+++++ 0.2757	0.3206 0.2673	0.3617	0.3086	0.2947	Ave		0.3048			0.1000	11.2		20.0			
Acetone	+++++ 1.0822	1.5006 1.0085	1.3827	1.3372	1.2020	Ave		1.2522			0.0500	15.0		20.0			
Iodomethane	+++++ 0.3787	0.2675 0.3495	0.3745	0.3835	0.3879	Ave		0.3569				12.8		20.0			
Carbon disulfide	+++++ 1.0536	1.1082 0.9730	1.2608	1.1494	1.1232	Ave		1.1114			0.1000	8.7		20.0			
Isopropyl alcohol	+++++ 0.9612	1.5741 0.9255	1.2883	1.1589	1.0320	Lin2	5.7049	1.0352							0.9900		0.9900
Allyl chloride	+++++ 0.1845	0.2114 0.1793	0.2211	0.2057	0.1990	Ave		0.2002				8.0		20.0			
Methyl acetate	+++++ 0.4153	0.4788 0.3601	0.4993	0.4794	0.4434	Ave		0.4460			0.1000	11.6		20.0			
Cyclopentene	+++++ 0.9289	0.9889 0.8686	1.1201	0.9976	0.9497	Ave		0.9756				8.7		20.0			
Acetonitrile	+++++ 2.7115	2.4705 2.4956	3.2173	2.6843	2.8142	Ave		2.7322				9.9		20.0			
Methylene Chloride	+++++ 0.3285	0.4741 0.3128	0.4173	0.3670	0.3481	Ave		0.3746			0.1000	16.2		20.0			
2-Methyl-2-propanol	+++++ 1.3770	4.3815 1.2868	2.1202	1.5995	1.4651	Lin2	30.102	1.3977							0.9960		0.9900
Methyl tert-butyl ether	+++++ 0.9430	0.9887 0.8891	1.1130	1.0511	0.9948	Ave		0.9966			0.1000	7.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.3142	0.3969 0.2982	0.4022	0.3531	0.3345	Ave		0.3499			0.1000	12.2		20.0			
Acrylonitrile	7.6591 6.0424	6.7236 5.3215	7.6099	6.6737	6.3329	Ave		6.6233				12.6		20.0			
Hexane	+++++ 0.2667	0.1871 0.2493	0.3828	0.2987	0.2878	QuaF		0.2806	-0.000063						1.0000		0.9900
Isopropyl ether	+++++ 1.2835	1.4169 1.1763	1.6496	1.4578	1.3660	Ave		1.3917				11.6		20.0			
1,1-Dichloroethane	+++++ 0.6439	0.6668 0.6105	0.7658	0.6931	0.6696	Ave		0.6750			0.2000	7.8		20.0			
Vinyl acetate	+++++ 0.3672	0.3974 0.3466	0.4593	0.4153	0.3787	Ave		0.3941				10.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	+++++ 0.2887	0.3423 0.2680	0.3188	0.2575	0.2793	Ave		0.2924				11.0		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2902	0.2587 0.2803	0.3280	0.2922	0.2954	Ave		0.2908				7.8		20.0			
Tert-butyl ethyl ether	+++++ 1.1127	1.2839 1.0337	1.3854	1.2787	1.1765	Ave		1.2118				10.6		20.0			
2,2-Dichloropropane	+++++ 0.1095	0.2524 0.1029	0.1329	0.1284	0.1204	Lin2	0.1406	0.1112							0.9950		0.9900
cis-1,2-Dichloroethene	+++++ 0.3450	0.4350 0.3346	0.4389	0.3793	0.3708	Ave		0.3839			0.1000	11.5		20.0			
2-Butanone (MEK)	+++++ 0.3286	0.3963 0.3218	0.3999	0.3671	0.3485	Ave		0.3604			0.0500	9.2		20.0			
Ethyl acetate	+++++ 4.9235	6.3749 4.5216	6.1529	5.5203	5.1041	Ave		5.4329				13.3		20.0			
Methyl acrylate	+++++ 0.3663	0.4799 0.3516	0.4201	0.3893	0.3796	Ave		0.3978				11.7		20.0			
Propionitrile	+++++ 2.4115	3.1257 2.2117	3.0813	2.7058	2.5003	Ave		2.6727				13.8		20.0			
Tetrahydrofuran	+++++ 0.3399	0.4134 0.3308	0.4187	0.3744	0.3539	Ave		0.3719				10.0		20.0			
Chlorobromomethane	+++++ 0.1514	0.1266 0.1485	0.1891	0.1663	0.1583	Ave		0.1567				13.2		20.0			
Methacrylonitrile	+++++ 0.1586	0.1662 0.1444	0.1805	0.1734	0.1630	Ave		0.1643				7.6		20.0			
Chloroform	+++++ 0.5408	0.6797 0.5147	0.6549	0.5861	0.5692	Ave		0.5909			0.2000	10.9		20.0			
Cyclohexane	+++++ 0.4379	0.4765 0.4136	0.5570	0.4913	0.4643	Ave		0.4734			0.1000	10.5		20.0			
1,1,1-Trichloroethane	+++++ 0.4394	0.4975 0.4195	0.5358	0.4876	0.4612	Ave		0.4735			0.1000	8.9		20.0			
Carbon tetrachloride	+++++ 0.3574	0.3002 0.3473	0.4234	0.3829	0.3769	Ave		0.3647			0.1000	11.3		20.0			
1,1-Dichloropropene	+++++ 0.4106	0.3628 0.3953	0.4720	0.4518	0.4251	Ave		0.4196				9.4		20.0			
Isobutyl alcohol	+++++ 0.9279	0.9997 0.8819	0.8676	0.8221	0.9748	Ave		0.9123				7.4		20.0			
2,2,4-Trimethylpentane	+++++ 0.6323	0.8402 0.6165	0.7862	0.7019	0.6881	Ave		0.7109				12.3		20.0			
Benzene	+++++ 1.8437	1.9001 1.7011	2.1632	2.0018	1.9110	Ave		1.9201			0.5000	8.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	+++++ 1.1186	1.0694 1.0298	1.3200	1.2458	1.1705	Ave		1.1590				9.4		20.0			
Tert-amyl methyl ether	+++++ 1.0226	1.0817 0.9707	1.2057	1.1261	1.0675	Ave		1.0790				7.6		20.0			
1,2-Dichloroethane	+++++ 0.4413	0.4627 0.4183	0.5265	0.4874	0.4523	Ave		0.4648			0.1000	8.2		20.0			
n-Heptane	+++++ 0.1329	0.1463 0.1295	0.1850	0.1378	0.1464	Ave		0.1463				13.8		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.5024	0.4770 0.4631	0.5917	0.5439	0.5325	Ave		0.5184				9.2		20.0			
n-Butanol	+++++ 0.4437	0.6592 0.4320	0.4327	0.4656	0.4554	Ave		0.4814				18.3		20.0			
Trichloroethene	+++++ 0.3089	0.2837 0.3028	0.3823	0.3337	0.3238	Ave		0.3225			0.2000	10.5		20.0			
Ethyl acrylate	+++++ 0.7556	0.6904 0.7141	0.9345	0.8244	0.7862	Ave		0.7842				11.2		20.0			
Methylcyclohexane	+++++ 0.2970	0.2937 0.2879	0.4284	0.3505	0.3186	Ave		0.3293			0.1000	16.3		20.0			
1,2-Dichloropropane	+++++ 0.3728	0.4195 0.3619	0.4480	0.4095	0.3963	Ave		0.4013			0.1000	7.9		20.0			
Methyl methacrylate	+++++ 0.1021	0.0664 0.0993	0.1195	0.1099	0.1023	Ave		0.0999				18.0		20.0			
1,4-Dioxane	+++++ 1.4251	1.2807 1.3279	1.1960	1.3337	1.1826	Ave		1.2910				7.1		20.0			
n-Propyl acetate	+++++ 0.6149	0.6571 0.5821	0.7426	0.6729	0.6365	Ave		0.6510				8.5		20.0			
Dibromomethane	+++++ 0.1906	0.2114 0.1811	0.2307	0.2108	0.1984	Ave		0.2038				8.6		20.0			
Dichlorobromomethane	+++++ 0.4366	0.5870 0.4218	0.5540	0.4797	0.4486	Ave		0.4879			0.2000	13.8		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2686	0.2370 0.2580	0.3058	0.2870	0.2732	Ave		0.2716				8.7		20.0			
2-Nitropropane	+++++ 0.1098	0.1886 0.1040	0.1399	0.1337	0.1134	Lin2	0.1512	0.1155							0.9920		0.9900
Epichlorohydrin	0.2776 0.2828	0.3403 0.2645	0.3433	0.3125	0.2901	Ave		0.3016				10.3		20.0			
cis-1,3-Dichloropropene	+++++ 0.8023	0.8427 0.7595	0.8981	0.8499	0.8205	Ave		0.8288			0.2000	5.7		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.8473	3.2057 2.5133	3.4799	3.1790	2.9509	Ave		3.0293			0.0500	11.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 1.8145	1.9836 1.6512	2.1250	1.9891	1.8930	Ave		1.9094			0.4000	8.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.6914	0.6819 0.6571	0.7831	0.7460	0.7123	Ave		0.7120			0.1000	6.5		20.0			
Ethyl methacrylate	+++++ 0.4687	0.6284 0.4440	0.5140	0.5107	0.4842	Ave		0.5083				12.7		20.0			
1,1,2-Trichloroethane	+++++ 0.3547	0.5340 0.3390	0.4177	0.3972	0.3699	Ave		0.4021			0.1000	17.6		20.0			
Tetrachloroethene	+++++ 0.3375	0.3005 0.3226	0.3883	0.3534	0.3463	Ave		0.3414			0.2000	8.7		20.0			
1,3-Dichloropropane	+++++ 0.7345	0.7599 0.6915	0.8408	0.8007	0.7527	Ave		0.7633				6.8		20.0			
2-Hexanone	+++++ 1.0742	1.3141 1.0288	1.3310	1.2107	1.1293	Ave		1.1814			0.0500	10.6		20.0			
n-Butyl acetate	+++++ 0.4356	0.5869 0.4122	0.5495	0.4767	0.4403	Ave		0.4836				14.4		20.0			
Chlorodibromomethane	+++++ 0.4175	0.4209 0.4090	0.4859	0.4555	0.4329	Ave		0.4369			0.1000	6.6		20.0			
Ethylene Dibromide	+++++ 0.4045	0.4207 0.3867	0.4614	0.4427	0.4119	Ave		0.4213			0.1000	6.4		20.0			
Chlorobenzene	+++++ 1.0969	1.0421 1.0383	1.2584	1.1849	1.1458	Ave		1.1277			0.5000	7.6		20.0			
Ethylbenzene	+++++ 0.5496	0.4952 0.5336	0.6058	0.5904	0.5681	Ave		0.5571			0.1000	7.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3876	0.3877 0.3825	0.4333	0.4078	0.3956	Ave		0.3991				4.7		20.0			
m-Xylene & p-Xylene	+++++ 0.6770	0.5678 0.6467	0.8219	0.7201	0.7048	Ave		0.6897			0.1000	12.2		20.0			
n-Butyl acrylate	+++++ 0.3916	0.4804 0.3892	0.4334	0.4076	0.3968	Ave		0.4165				8.5		20.0			
o-Xylene	+++++ 0.6705	0.5812 0.6618	0.7373	0.7343	0.7102	Ave		0.6825			0.3000	8.6		20.0			
Styrene	+++++ 1.2595	1.2260 1.1967	1.4188	1.3578	1.3083	Ave		1.2945			0.3000	6.5		20.0			
Amyl acetate (mixed isomers)	+++++ 2.0017	2.3956 1.9321	2.5267	2.2971	2.1213	Ave		2.2124				10.5		20.0			
Bromoform	+++++ 0.2851	0.2859 0.2926	0.2938	0.2957	0.2822	Ave		0.2892			0.1000	1.9		20.0			
Isopropylbenzene	+++++ 1.4049	1.1023 1.3091	1.6821	1.5495	1.4842	Ave		1.4220			0.1000	14.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Camphene	+++++ 0.1054	0.1944 0.1030	0.1237	0.1383	0.1096	Qua2	0.0763	0.1171	-0.000033						0.9910		0.9900
Bromobenzene	+++++ 0.9139	0.8645 0.9350	1.1139	0.9957	0.9638	Ave		0.9644				8.9		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.1751	1.5699 1.1301	1.3805	1.3682	1.2580	Ave		1.3136			0.3000	12.2		20.0			
N-Propylbenzene	+++++ 3.4443	3.2625 3.1392	4.3724	3.9087	3.7463	Ave		3.6456				12.6		20.0			
1,2,3-Trichloropropane	+++++ 0.3158	0.3205 0.3217	0.4210	0.3710	0.3359	Ave		0.3476				11.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4041	0.3725 0.3982	0.5035	0.4421	0.4208	Ave		0.4235				10.8		20.0			
4-Ethyltoluene	+++++ 3.0528	3.8189 2.8226	3.7706	3.4406	3.2492	Ave		3.3591				11.8		20.0			
2-Chlorotoluene	+++++ 2.6683	2.5131 2.5122	3.4219	2.9845	2.8851	Ave		2.8309				12.3		20.0			
1,3,5-Trimethylbenzene	+++++ 2.4467	2.1986 2.2747	3.0726	2.8593	2.6564	Ave		2.5847				13.2		20.0			
4-Chlorotoluene	+++++ 2.5007	2.8129 2.3568	3.1979	2.7911	2.6921	Ave		2.7253				10.7		20.0			
Butyl Methacrylate	+++++ 1.4162	1.4596 1.3654	1.6442	1.4881	1.4724	Ave		1.4743				6.4		20.0			
tert-Butylbenzene	+++++ 1.8386	1.6722 1.7852	2.3689	2.0593	2.0207	Ave		1.9575				12.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6047	2.4888 2.4007	3.3209	2.9906	2.8563	Ave		2.7770				12.5		20.0			
sec-Butylbenzene	+++++ 2.5824	2.7705 2.4083	3.4077	2.9096	2.8595	Ave		2.8230				12.1		20.0			
4-Isopropyltoluene	+++++ 2.3370	2.1043 2.1634	2.9225	2.5606	2.4936	Ave		2.4302				12.3		20.0			
1,3-Dichlorobenzene	+++++ 1.5130	1.5415 1.4224	1.7966	1.6675	1.6007	Ave		1.5903			0.6000	8.2		20.0			
1,4-Dichlorobenzene	+++++ 1.5934	1.7993 1.4958	1.8869	1.7370	1.6997	Ave		1.7020			0.5000	8.3		20.0			
Benzyl chloride	+++++ 2.5376	3.2306 2.2136	3.2239	2.9548	2.7718	Ave		2.8221				14.2		20.0			
Indan	+++++ 3.2930	3.8233 2.9209	4.1216	3.6662	3.5454	Ave		3.5617				11.8		20.0			
p-Diethylbenzene	+++++ 1.5965	2.0603 1.4696	2.0024	1.7178	1.6893	Ave		1.7560				13.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 2.5042	3.0539 2.3338	3.2549	2.9303	2.9190	Ave		2.8327				12.2		20.0			
1,2-Dichlorobenzene	+++++ 1.5301	1.6223 1.4062	1.8533	1.7355	1.6338	Ave		1.6302			0.4000	9.5		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.2574	2.7486 2.0446	2.8718	2.5954	2.4913	Ave		2.5015				12.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2110	0.2638 0.2047	0.2859	0.2358	0.2218	Ave		0.2372			0.0500	13.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.8468	1.0404 0.8135	1.0868	0.9575	0.9230	Ave		0.9447				11.3		20.0			
Camphor	+++++ 0.1135	0.1297 0.1110	0.1416	0.1309	0.1218	Ave		0.1248				9.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7781	0.8769 0.7552	0.9902	0.8608	0.8297	Ave		0.8485			0.2000	9.9		20.0			
Hexachlorobutadiene	+++++ 0.2949	0.5999 0.2866	0.4022	0.3416	0.3095	Lin2	0.2983	0.3090							0.9950		0.9900
Naphthalene	+++++ 2.5612	2.6279 2.4013	2.8990	2.8514	2.7401	Ave		2.6802				7.0		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7022	0.7278 0.6729	0.7960	0.7346	0.7434	Ave		0.7295				5.7		20.0			
Dibromofluoromethane (Surr)	0.2291 0.2293	0.2287 0.2256	0.2279	0.2288	0.2350	Ave		0.2292				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3095 0.3158	0.3009 0.3082	0.3057	0.3087	0.3043	Ave		0.3076				1.5		20.0			
Toluene-d8 (Surr)	1.2987 1.3539	1.3348 1.3229	1.2976	1.3421	1.3307	Ave		1.3258				1.6		20.0			
4-Bromofluorobenzene	0.3159 0.3366	0.3224 0.3467	0.3213	0.3274	0.3379	Ave		0.3297				3.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-311803/11	J29093.D
Level 2	STD1 460-311803/19	J29101.D
Level 3	STD5 460-311803/4	J29086.D
Level 4	STD20 460-311803/5	J29087.D
Level 5	STD50 460-311803/6	J29088.D
Level 6	STD200 460-311803/7	J29089.D
Level 7	STD500 460-311803/8	J29090.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 60454	293 145018	1936	6746	14383	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 532674	2856 1291978	14879	56250	136891	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 727005	4061 1770053	19905	77324	184593	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 682152	3312 1645248	19681	71581	171518	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 632824	4351 1530918	18941	65123	163888	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 349739	2443 939129	7414	29215	77068	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 388761	2353 954890	12012	39647	97825	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 890767	4487 2150677	27489	94082	222955	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 666770	3168 1616707	18979	68474	165747	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBA	Ave	+++++ 131456	655 324665	4134	13798	32279	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	Ave	+++++ 115135	635 295540	2625	12034	29099	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 434996	2521 1093458	13001	44507	111735	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 483994	2605 1187093	13802	50339	123312	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 338198	1831 857270	9964	35696	86575	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Qua2	+++++ 362308	996 910968	10217	37325	91181	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acrolein	TBA	Ave	+++++ 24317	471 47901	1983	4580	10128	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 406015	2562 1036122	12691	43533	105397	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1034155	7804 2549550	30722	126350	286793	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 557647	2138 1354458	13141	54105	138711	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1551523	8856 3771139	44238	162142	401655	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Lin2	+++++ 339074	2943 885072	10333	40043	89093	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 271704	1689 695022	7759	29023	71153	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 3058228	19131 6979058	87591	338123	792764	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 1368000	7903 3366446	39304	140724	339593	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBA	Ave	+++++ 956468	4619 2386701	25805	92753	242950	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 483823	3789 1212340	14643	51766	124465	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Lin2	+++++ 485750	8192 1230609	17005	55268	126488	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1388655	7901 3445811	39053	148284	355711	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 462738	3172 1155923	14111	49812	119614	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBA	Ave	2864 2131447	12571 5089209	61036	230599	546727	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	QuaF	+++++ 392745	1495 966417	13432	42139	102899	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1890108	11323 4559087	57882	205652	488458	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 948209	5329 2366318	26870	97779	239458	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 1081407	6352 2686897	32233	117177	270811	+++++ 400	2.00 1000	10.0	40.0	100
Allyl alcohol	TBA	Ave	+++++ 254618	1600 640693	6393	22243	60277	+++++ 5000	25.0 12500	125	500	1250
2-Chloro-1,3-butadiene	FB	Ave	+++++ 427293	2067 1086214	11508	41223	105615	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 1638632	10260 4006331	48613	180388	420713	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Lin2	+++++ 161226	2017 398847	4664	18117	43064	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 507999	3476 1296955	15401	53512	132603	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 313989	2061 813582	8886	34684	83163	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 1882049	13261 4572530	54686	208648	487133	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 539419	3835 1362667	14739	54917	135743	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 850656	5844 2115143	24714	93493	215854	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 129936	860 334537	3721	14151	33780	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 222978	1012 575541	6636	23464	56598	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2335816	13282 5595681	63344	244591	582805	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 796454	5432 1994790	22981	82685	203525	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 644806	3808 1603002	19544	69307	166025	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 647039	3976 1626069	18799	68787	164925	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 526333	2399 1346121	14857	54019	134783	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 604653	2899 1531971	16560	63742	152015	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 818247	4673 2108479	17397	71017	210382	+++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	+++++ 931180	6714 2389507	27585	99022	246060	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 1947544	10920 4742915	55752	203445	496289	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1647236	8546 3991318	46318	175741	418565	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1505978	8644 3762329	42305	158851	381726	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 649837	3698 1621262	18475	68753	161750	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Heptane	FB	Ave	+++++ 195662	1169 502030	6492	19446	52349	+++++ 200	1.00 500	5.00	20.0	50.0
2,4,4-Trimethyl-1-pentene	FB	Ave	+++++ 1479805	7623 3589585	41526	153444	380854	+++++ 400	2.00 1000	10.0	40.0	100
n-Butanol	TBA	Ave	+++++ 391244	3081 1032882	8677	40222	98297	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 454957	2267 1173789	13414	47068	115791	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1112697	5517 2767613	32791	116295	281153	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 437311	2347 1115870	15033	49440	113915	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 548946	3352 1402655	15719	57767	141730	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 300727	1061 770045	8385	30993	73164	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 106818	1438 287054	2835	11691	28012	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 905583	5251 2255963	26056	94920	227589	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 280650	1689 702032	8094	29744	70934	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 642913	4691 1634802	19440	67669	160416	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 395611	1894 1000053	10730	40484	97697	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Lin2	+++++ 323311	3015 806483	9820	37728	81128	+++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1388 1081169	7078 2674588	30514	118099	276876	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 847549	4843 2117616	23147	86376	213069	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2721013	16671 6354121	77321	300388	704075	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 1916734	11400 4603810	54769	202155	491598	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 730318	3919 1832027	20184	75815	184974	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 690204	5022 1721043	18034	72038	173133	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 374720	3069 945215	10765	40366	96062	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 356527	1727 899383	10007	35914	89934	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 775906	4367 1928170	21670	81370	195460	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1026506	6834 2601037	29575	114400	269451	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBZ	Ave	+++++ 460169	3373 1149329	14163	48447	114356	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	+++++ 441021	2419 1140273	12522	46290	112420	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	+++++ 427293	2418 1078327	11891	44987	106973	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1158737	5989 2894958	32433	120423	297555	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 580569	2846 1487650	15613	60000	147537	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 409429	2228 1066601	11167	41445	102734	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 715160	3263 1803192	21184	73180	183037	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 413651	2761 1085163	11170	41419	103039	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 708288	3340 1845206	19002	74627	184438	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1330490	7046 3336671	36567	137997	339759	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1029131	5994 2621074	28838	107618	255218	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 301162	1643 815905	7571	30048	73295	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 1484086	6335 3649901	43354	157475	385444	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	Qua2	+++++ 111359	1117 287149	3187	14053	28470	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 469829	2163 1268393	12713	46650	115951	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 604159	3928 1533018	15756	64099	151356	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 1770788	8163 4258608	49904	183126	450717	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 162340	802 436379	4805	17382	40410	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 207733	932 540223	5747	20714	50623	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 1569501	9555 3829157	43035	161193	390913	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 1371831	6288 3408001	39055	139826	347114	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1257863	5501 3085844	35069	133961	319600	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1285660	7038 3197217	36499	130762	323891	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 728086	3652 1852264	18766	69720	177144	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 945248	4184 2421816	27037	96480	243118	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 1339137	6227 3256776	37903	140113	343647	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 1327640	6932 3267014	38894	136318	344033	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1201504	5265 2934880	33356	119966	300004	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 777835	3857 1929642	20505	78124	192586	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 819216	4502 2029249	21536	81380	204498	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1304620	8083 3002979	36796	138435	333480	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 1693004	9566 3962432	47042	171763	426548	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 820810	5155 1993582	22854	80481	203240	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1287441	7641 3166009	37149	137286	351193	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 786652	4059 1907652	21152	81308	196563	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 1160574	6877 2773697	32777	121595	299728	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 108476	660 277710	3263	11047	26681	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 435379	2603 1103586	12404	44861	111051	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 291643	1623 753136	8082	30674	73257	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: TestAmerica Edison Job No.: 460-98871-1 Analy Batch No.: 311803

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2015 11:43 Calibration End Date: 07/21/2015 18:18 Calibration ID: 51398

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 400055	2194 1024463	11301	40328	99828	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Lin2	+++++ 151636	1501 388797	4590	16002	37241	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1316770	6575 3257606	33088	133590	329664	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 361008	1821 912894	9085	34416	89438	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	86706 84425	91370 87445	79959	80685	84017	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	117156 116260	120235 119464	107253	108878	108807	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	358892 357540	383577 368844	334429	340985	345584	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	87302 88891	92635 96655	82815	83174	87758	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29086.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jul-2015 11:43:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0029885-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:20 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: kluseys Date: 21-Jul-2015 15:18:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.820	0.000	94	1936	5.00	6.41	
2 Dichlorodifluoromethane	85	0.861	0.861	0.000	99	14879	5.00	5.63	
3 Chloromethane	50	1.090	1.090	0.000	98	19905	5.00	5.51	
4 Vinyl chloride	62	1.214	1.214	0.000	98	19681	5.00	5.90	
5 Butadiene	54	1.249	1.249	0.000	0	18941	5.00	5.72	
6 Bromomethane	94	1.596	1.596	0.000	97	7414	5.00	4.47	
7 Chloroethane	64	1.725	1.725	0.000	100	12012	5.00	6.03	
8 Dichlorofluoromethane	67	1.966	1.966	0.000	96	27489	5.00	6.19	
9 Trichlorofluoromethane	101	1.972	1.972	0.000	74	18979	5.00	5.89	
10 Pentane	72	2.036	2.036	0.000	97	4134	10.0	13.2	
11 Ethanol	46	2.254	2.254	0.000	93	2625	200.0	197.6	
12 Ethyl ether	59	2.307	2.307	0.000	93	13001	5.00	5.88	
13 2-Methyl-1,3-butadiene	53	2.330	2.330	0.000	84	13802	5.00	5.74	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.377	0.000	87	9964	5.00	5.84	
15 1,1,2-Trichloro-1,2,2-trif	101	2.536	2.536	0.000	94	10217	5.00	5.71	
16 Acrolein	56	2.542	2.542	0.000	37	1983	20.0	19.5	
17 1,1-Dichloroethene	96	2.583	2.583	0.000	96	12691	5.00	5.93	
18 Acetone	43	2.700	2.700	0.000	85	30722	25.0	27.6	
19 Iodomethane	142	2.777	2.777	0.000	98	13141	5.00	5.25	
20 Carbon disulfide	76	2.824	2.824	0.000	100	44238	5.00	5.67	
21 Isopropyl alcohol	45	2.824	2.824	0.000	36	10333	50.0	56.7	
22 3-Chloro-1-propene	76	3.012	3.012	0.000	94	7759	5.00	5.52	
23 Methyl acetate	43	3.029	3.029	0.000	99	87591	25.0	28.0	
24 Cyclopentene	67	3.035	3.035	0.000	58	39304	5.00	5.74	
25 Acetonitrile	41	3.094	3.094	0.000	98	25805	50.0	58.9	
* 26 TBA-d9 (IS)	65	3.165	3.165	0.000	90	160413	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.176	0.000	95	14643	5.00	5.57	
28 2-Methyl-2-propanol	59	3.253	3.253	0.000	98	17005	50.0	54.3	
29 Methyl tert-butyl ether	73	3.376	3.376	0.000	98	39053	5.00	5.58	
30 trans-1,2-Dichloroethene	96	3.429	3.429	0.000	99	14111	5.00	5.75	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.517	3.517	0.000	94	61036	50.0	57.4	
32 Hexane	57	3.623	3.623	0.000	0	13432	5.00	6.83	
33 Isopropyl ether	45	3.887	3.887	0.000	98	57882	5.00	5.93	
34 1,1-Dichloroethane	63	3.934	3.934	0.000	98	26870	5.00	5.67	
35 Vinyl acetate	43	3.958	3.958	0.000	100	32233	10.0	11.7	
36 Allyl alcohol	57	3.969	3.969	0.000	42	6393	125.0	136.3	
37 2-Chloro-1,3-butadiene	88	3.987	3.987	0.000	93	11508	5.00	5.64	
38 Tert-butyl ethyl ether	59	4.287	4.287	0.000	88	48613	5.00	5.72	
* 39 2-Butanone-d5	46	4.533	4.533	0.000	88	222196	250.0	250.0	
40 2,2-Dichloropropane	97	4.557	4.557	0.000	47	4664	5.00	4.71	
41 cis-1,2-Dichloroethene	96	4.586	4.586	0.000	92	15401	5.00	5.72	
43 Ethyl acetate	43	4.604	4.604	0.000	94	54686	10.0	11.3	
42 2-Butanone (MEK)	72	4.598	4.598	0.000	97	8886	25.0	27.7	
44 Methyl acrylate	55	4.669	4.669	0.000	99	14739	5.00	5.28	
45 Propionitrile	54	4.763	4.763	0.000	98	24714	50.0	57.6	
47 Tetrahydrofuran	72	4.863	4.863	0.000	28	3721	10.0	11.3	
46 Chlorobromomethane	128	4.863	4.863	0.000	94	6636	5.00	6.03	
48 Methacrylonitrile	67	4.886	4.886	0.000	95	63344	50.0	54.9	
49 Chloroform	83	4.927	4.927	0.000	97	22981	5.00	5.54	
50 Cyclohexane	56	5.074	5.074	0.000	94	19544	5.00	5.88	
51 1,1,1-Trichloroethane	97	5.092	5.092	0.000	98	18799	5.00	5.66	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	96	79959	50.0	49.7	
53 Carbon tetrachloride	117	5.233	5.233	0.000	96	14857	5.00	5.81	
54 1,1-Dichloropropene	75	5.280	5.280	0.000	94	16560	5.00	5.62	
55 Isobutyl alcohol	43	5.421	5.421	0.000	53	17397	125.0	118.9	
56 Isooctane	57	5.468	5.468	0.000	97	27585	5.00	5.53	
57 Benzene	78	5.515	5.515	0.000	97	55752	5.00	5.63	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	95	107253	50.0	49.7	
60 Isopropyl acetate	43	5.568	5.568	0.000	93	46318	5.00	5.69	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	84	42305	5.00	5.59	
61 1,2-Dichloroethane	62	5.620	5.620	0.000	82	18475	5.00	5.66	
62 n-Heptane	57	5.679	5.679	0.000	95	6492	5.00	6.32	
* 63 Fluorobenzene	96	5.850	5.850	0.000	98	350884	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.090	0.000	93	41526	10.0	11.4	
65 n-Butanol	56	6.190	6.190	0.000	96	8677	125.0	112.4	
66 Trichloroethene	95	6.255	6.255	0.000	98	13414	5.00	5.93	
67 Ethyl acrylate	55	6.384	6.384	0.000	96	32791	5.00	5.96	
68 Methylcyclohexane	83	6.396	6.396	0.000	74	15033	5.00	6.50	
69 1,2-Dichloropropane	63	6.584	6.584	0.000	92	15719	5.00	5.58	
* 70 1,4-Dioxane-d8	96	6.643	6.643	0.000	90	23704	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	97	8385	10.0	12.0	
72 1,4-Dioxane	88	6.707	6.707	0.000	24	2835	100.0	92.6	
73 n-Propyl acetate	43	6.719	6.719	0.000	99	26056	5.00	5.70	
74 Dibromomethane	93	6.743	6.743	0.000	88	8094	5.00	5.66	
75 Dichlorobromomethane	83	6.907	6.907	0.000	99	19440	5.00	5.68	
77 2-Chloroethyl vinyl ether	63	7.271	7.271	0.000	78	10730	5.00	5.63	
76 2-Nitropropane	41	7.266	7.266	0.000	81	9820	10.0	10.8	
78 Epichlorohydrin	57	7.395	7.395	0.000	99	30514	100.0	113.8	
79 cis-1,3-Dichloropropene	75	7.454	7.454	0.000	95	23147	5.00	5.42	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.618	0.000	97	77321	25.0	28.7	
$ 81 Toluene-d8 (Surr)	98	7.724	7.724	0.000	99	334429	50.0	48.9	
82 Toluene	91	7.806	7.806	0.000	93	54769	5.00	5.56	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.182	8.182	0.000	90	20184	5.00	5.50	
84 Ethyl methacrylate	69	8.200	8.200	0.000	78	18034	5.00	5.06	
85 1,1,2-Trichloroethane	83	8.423	8.423	0.000	95	10765	5.00	5.19	
86 Tetrachloroethene	166	8.476	8.476	0.000	96	10007	5.00	5.69	
87 1,3-Dichloropropane	76	8.646	8.646	0.000	97	21670	5.00	5.51	
89 2-Hexanone	58	8.693	8.693	0.000	97	29575	25.0	28.2	
88 n-Butyl acetate	43	8.799	8.799	0.000	97	14163	5.00	5.68	
90 Chlorodibromomethane	129	8.905	8.905	0.000	96	12522	5.00	5.56	
91 Ethylene Dibromide	107	9.081	9.081	0.000	98	11891	5.00	5.48	
* 92 Chlorobenzene-d5	117	9.569	9.569	0.000	87	257731	50.0	50.0	
93 Chlorobenzene	112	9.598	9.598	0.000	94	32433	5.00	5.58	
94 Ethylbenzene	106	9.675	9.675	0.000	99	15613	5.00	5.44	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	94	11167	5.00	5.43	
96 m-Xylene & p-Xylene	106	9.792	9.792	0.000	97	21184	5.00	5.96	
97 n-Butyl acrylate	73	10.133	10.133	0.000	97	11170	5.00	5.20	
98 o-Xylene	106	10.174	10.174	0.000	92	19002	5.00	5.40	
99 Styrene	104	10.203	10.203	0.000	93	36567	5.00	5.48	
100 Amyl acetate (mixed isomer	43	10.333	10.333	0.000	87	28838	5.00	5.71	
101 Bromoform	173	10.397	10.397	0.000	94	7571	5.00	5.08	
102 Isopropylbenzene	105	10.479	10.479	0.000	96	43354	5.00	5.91	
$ 103 4-Bromofluorobenzene	174	10.650	10.650	0.000	86	82815	50.0	48.7	
104 Camphene	41	10.673	10.673	0.000	93	3187	5.00	4.63	
105 Bromobenzene	156	10.767	10.767	0.000	97	12713	5.00	5.77	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	97	15756	5.00	5.25	
107 N-Propylbenzene	91	10.803	10.803	0.000	98	49904	5.00	6.00	
108 1,2,3-Trichloropropane	110	10.832	10.832	0.000	95	4805	5.00	6.05	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.832	0.000	77	5747	5.00	5.94	
110 4-Ethyltoluene	105	10.891	10.891	0.000	97	43035	5.00	5.61	
111 2-Chlorotoluene	91	10.897	10.897	0.000	97	39055	5.00	6.04	
112 1,3,5-Trimethylbenzene	105	10.938	10.938	0.000	93	35069	5.00	5.94	
113 4-Chlorotoluene	91	10.985	10.985	0.000	97	36499	5.00	5.87	
114 Butyl Methacrylate	87	10.996	10.996	0.000	95	18766	5.00	5.58	
115 tert-Butylbenzene	119	11.167	11.167	0.000	94	27037	5.00	6.05	
116 1,2,4-Trimethylbenzene	105	11.208	11.208	0.000	97	37903	5.00	5.98	
117 sec-Butylbenzene	105	11.320	11.320	0.000	98	38894	5.00	6.04	
118 4-Isopropyltoluene	119	11.408	11.408	0.000	97	33356	5.00	6.01	
119 1,3-Dichlorobenzene	146	11.431	11.431	0.000	94	20505	5.00	5.65	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.478	0.000	97	114134	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.496	11.496	0.000	91	21536	5.00	5.54	
122 Benzyl chloride	91	11.590	11.590	0.000	98	36796	5.00	5.71	
123 2,3-Dihydroindene	117	11.637	11.637	0.000	92	47042	5.00	5.79	
124 p-Diethylbenzene	119	11.655	11.655	0.000	94	22854	5.00	5.70	
125 n-Butylbenzene	91	11.672	11.672	0.000	97	37149	5.00	5.75	M
126 1,2-Dichlorobenzene	146	11.743	11.743	0.000	94	21152	5.00	5.68	
127 1,2,4,5-Tetramethylbenzene	119	12.166	12.166	0.000	97	32777	5.00	5.74	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.271	0.000	92	3263	5.00	6.03	
129 1,3,5-Trichlorobenzene	180	12.365	12.365	0.000	95	12404	5.00	5.75	
130 Camphor	95	12.747	12.747	0.000	91	8082	25.0	28.4	
131 1,2,4-Trichlorobenzene	180	12.824	12.824	0.000	94	11301	5.00	5.83	
132 Hexachlorobutadiene	225	12.883	12.883	0.000	90	4590	5.00	5.54	
133 Naphthalene	128	13.024	13.024	0.000	99	33088	5.00	5.41	
134 1,2,3-Trichlorobenzene	180	13.217	13.217	0.000	95	9085	5.00	5.46	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		10.0	11.5	
S 136 Xylenes, Total	100				0		10.0	11.4	
S 137 Total BTEX	1				0		25.0	28.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00105	Amount Added:	1.00	Units: uL		
MIX I Hi_00044	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:21 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29086.D

Injection Date: 21-Jul-2015 11:43:30 Instrument ID: CVOAMS8 Operator ID:

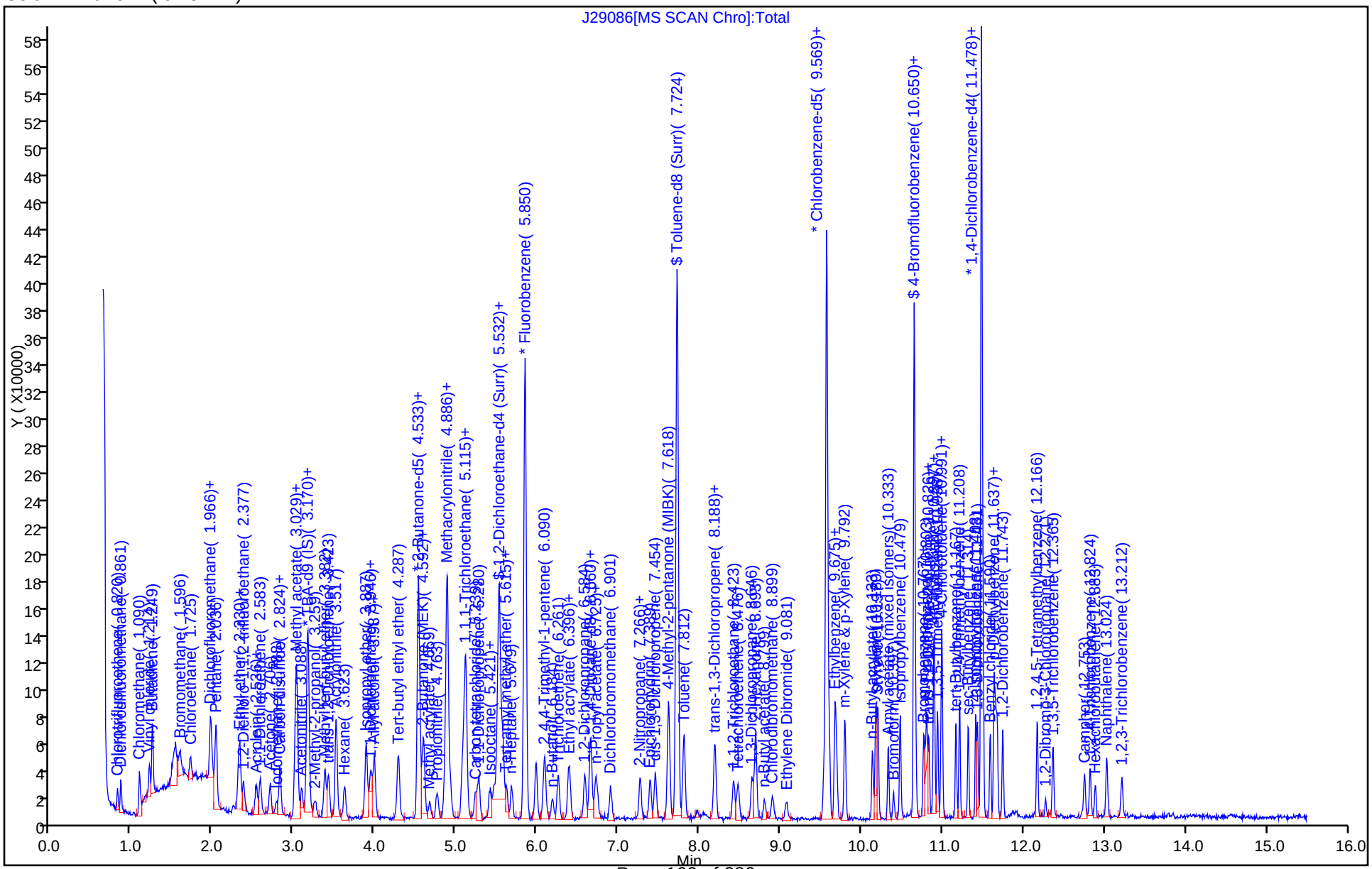
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

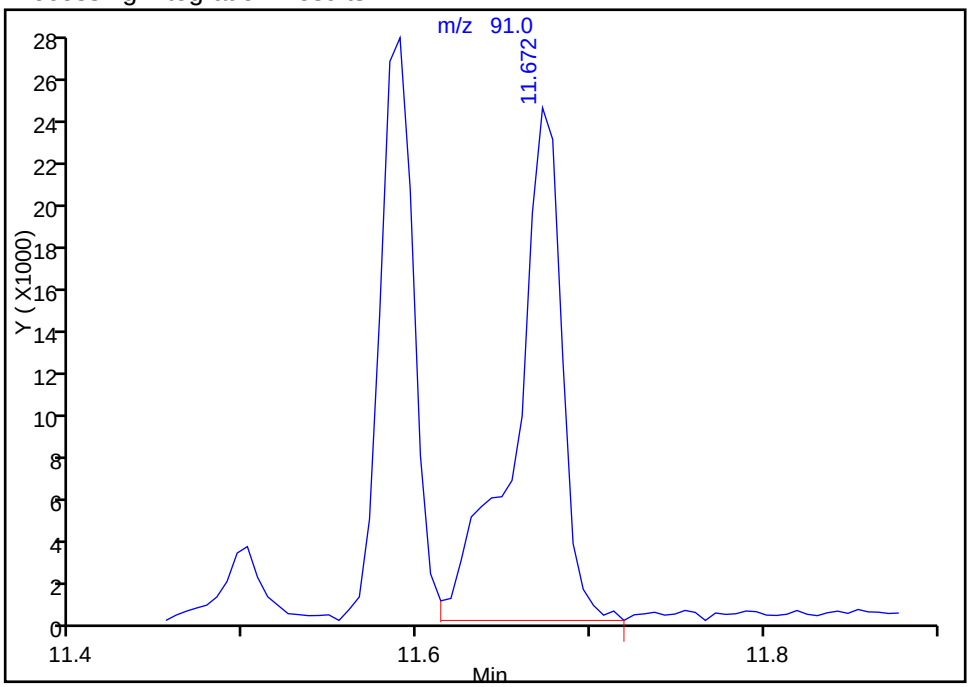
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29086.D
Injection Date: 21-Jul-2015 11:43:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

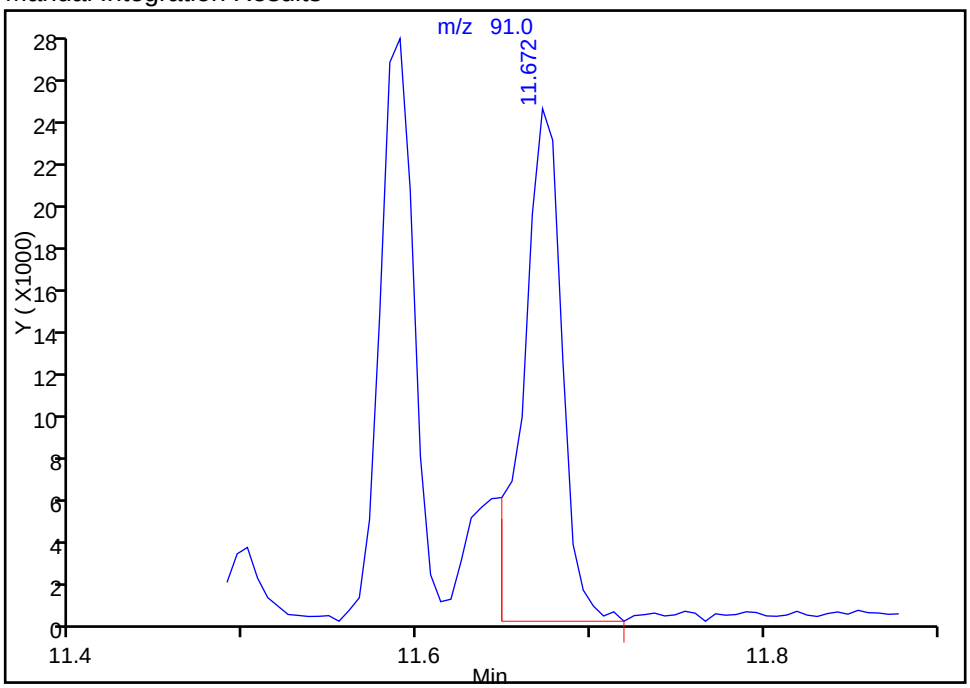
Processing Integration Results

RT: 11.67
Area: 44378
Amount: 7.288898
Amount Units: ug/l



Manual Integration Results

RT: 11.67
Area: 37149
Amount: 5.745186
Amount Units: ug/l



Reviewer: baronm, 22-Jul-2015 13:29:20
Audit Action: Split an Integrated Peak
Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29087.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 21-Jul-2015 12:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0029885-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:28 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 21-Jul-2015 20:14:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.820	0.000	97	6746	20.0	22.2	
2 Dichlorodifluoromethane	85	0.861	0.861	0.000	100	56250	20.0	21.2	
3 Chloromethane	50	1.084	1.084	0.000	100	77324	20.0	21.3	
4 Vinyl chloride	62	1.213	1.213	0.000	98	71581	20.0	21.4	
5 Butadiene	54	1.249	1.249	0.000	0	65123	20.0	19.6	
6 Bromomethane	94	1.584	1.584	0.000	98	29215	20.0	17.5	
7 Chloroethane	64	1.713	1.713	0.000	99	39647	20.0	19.8	
8 Dichlorofluoromethane	67	1.960	1.960	0.000	98	94082	20.0	21.1	
9 Trichlorofluoromethane	101	1.971	1.971	0.000	98	68474	20.0	21.1	
10 Pentane	72	2.030	2.030	0.000	97	13798	40.0	40.8	
11 Ethanol	46	2.259	2.259	0.000	98	12034	800.0	841.0	
12 Ethyl ether	59	2.306	2.306	0.000	95	44507	20.0	20.0	
13 2-Methyl-1,3-butadiene	53	2.330	2.330	0.000	89	50339	20.0	20.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.377	0.000	88	35696	20.0	20.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.524	2.524	0.000	94	37325	20.0	19.4	
16 Acrolein	56	2.535	2.535	0.000	33	4580	40.0	41.7	
17 1,1-Dichloroethene	96	2.577	2.577	0.000	95	43533	20.0	20.3	
18 Acetone	43	2.700	2.700	0.000	86	126350	100.0	106.8	
19 Iodomethane	142	2.776	2.776	0.000	98	54105	20.0	21.5	
20 Carbon disulfide	76	2.817	2.817	0.000	100	162142	20.0	20.7	
21 Isopropyl alcohol	45	2.829	2.829	0.000	37	40043	200.0	218.4	
22 3-Chloro-1-propene	76	3.005	3.005	0.000	91	29023	20.0	20.6	
23 Methyl acetate	43	3.023	3.023	0.000	100	338123	100.0	107.5	
24 Cyclopentene	67	3.035	3.035	0.000	90	140724	20.0	20.4	
25 Acetonitrile	41	3.094	3.094	0.000	98	92753	200.0	196.5	
* 26 TBA-d9 (IS)	65	3.164	3.164	0.000	96	172767	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.176	0.000	97	51766	20.0	19.6	
28 2-Methyl-2-propanol	59	3.258	3.258	0.000	99	55268	200.0	207.3	
29 Methyl tert-butyl ether	73	3.382	3.382	0.000	98	148284	20.0	21.1	
30 trans-1,2-Dichloroethene	96	3.423	3.423	0.000	98	49812	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.517	3.517	0.000	94	230599	200.0	201.5	
32 Hexane	57	3.622	3.622	0.000	0	42139	20.0	21.4	
33 Isopropyl ether	45	3.887	3.887	0.000	99	205652	20.0	21.0	
34 1,1-Dichloroethane	63	3.940	3.940	0.000	99	97779	20.0	20.5	
35 Vinyl acetate	43	3.951	3.951	0.000	100	117177	40.0	42.2	
36 Allyl alcohol	57	3.969	3.969	0.000	97	22243	500.0	440.3	
37 2-Chloro-1,3-butadiene	88	3.993	3.993	0.000	93	41223	20.0	20.1	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	88	180388	20.0	21.1	
* 39 2-Butanone-d5	46	4.527	4.527	0.000	99	236227	250.0	250.0	
40 2,2-Dichloropropane	97	4.551	4.551	0.000	96	18117	20.0	21.8	
41 cis-1,2-Dichloroethene	96	4.586	4.586	0.000	94	53512	20.0	19.8	
43 Ethyl acetate	43	4.598	4.598	0.000	93	208648	40.0	40.6	
42 2-Butanone (MEK)	72	4.604	4.604	0.000	99	34684	100.0	101.9	
44 Methyl acrylate	55	4.668	4.668	0.000	99	54917	20.0	19.6	
45 Propionitrile	54	4.762	4.762	0.000	99	93493	200.0	202.5	
47 Tetrahydrofuran	72	4.856	4.856	0.000	63	14151	40.0	40.3	
46 Chlorobromomethane	128	4.862	4.862	0.000	98	23464	20.0	21.2	
48 Methacrylonitrile	67	4.886	4.886	0.000	95	244591	200.0	211.0	
49 Chloroform	83	4.927	4.927	0.000	97	82685	20.0	19.8	
50 Cyclohexane	56	5.074	5.074	0.000	95	69307	20.0	20.8	
51 1,1,1-Trichloroethane	97	5.091	5.091	0.000	98	68787	20.0	20.6	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	96	80685	50.0	49.9	
53 Carbon tetrachloride	117	5.238	5.238	0.000	99	54019	20.0	21.0	
54 1,1-Dichloropropene	75	5.273	5.273	0.000	96	63742	20.0	21.5	
55 Isobutyl alcohol	43	5.414	5.414	0.000	91	71017	500.0	450.6	
56 Isooctane	57	5.461	5.461	0.000	99	99022	20.0	19.7	
57 Benzene	78	5.514	5.514	0.000	97	203445	20.0	20.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	95	108878	50.0	50.2	
60 Isopropyl acetate	43	5.567	5.567	0.000	97	175741	20.0	21.5	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	91	158851	20.0	20.9	
61 1,2-Dichloroethane	62	5.620	5.620	0.000	96	68753	20.0	21.0	
62 n-Heptane	57	5.673	5.673	0.000	97	19446	20.0	18.8	
* 63 Fluorobenzene	96	5.849	5.849	0.000	98	352673	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.084	6.084	0.000	94	153444	40.0	42.0	
65 n-Butanol	56	6.190	6.190	0.000	93	40222	500.0	483.6	
66 Trichloroethene	95	6.260	6.260	0.000	97	47068	20.0	20.7	
67 Ethyl acrylate	55	6.384	6.384	0.000	98	116295	20.0	21.0	
68 Methylcyclohexane	83	6.396	6.396	0.000	81	49440	20.0	21.3	
69 1,2-Dichloropropane	63	6.584	6.584	0.000	91	57767	20.0	20.4	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	45	21914	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	95	30993	40.0	44.0	
72 1,4-Dioxane	88	6.707	6.707	0.000	32	11691	400.0	413.2	
73 n-Propyl acetate	43	6.719	6.719	0.000	98	94920	20.0	20.7	
74 Dibromomethane	93	6.742	6.742	0.000	94	29744	20.0	20.7	
75 Dichlorobromomethane	83	6.907	6.907	0.000	99	67669	20.0	19.7	
77 2-Chloroethyl vinyl ether	63	7.265	7.265	0.000	71	40484	20.0	21.1	
76 2-Nitropropane	41	7.271	7.271	0.000	80	37728	40.0	45.0	
78 Epichlorohydrin	57	7.394	7.394	0.000	99	118099	400.0	414.4	
79 cis-1,3-Dichloropropene	75	7.453	7.453	0.000	95	86376	20.0	20.5	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.618	0.000	98	300388	100.0	104.9	
$ 81 Toluene-d8 (Surr)	98	7.723	7.723	0.000	99	340985	50.0	50.6	
82 Toluene	91	7.812	7.812	0.000	94	202155	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.188	8.188	0.000	99	75815	20.0	21.0	
84 Ethyl methacrylate	69	8.194	8.194	0.000	93	72038	20.0	20.1	
85 1,1,2-Trichloroethane	83	8.417	8.417	0.000	97	40366	20.0	19.8	
86 Tetrachloroethene	166	8.481	8.481	0.000	95	35914	20.0	20.7	
87 1,3-Dichloropropane	76	8.652	8.652	0.000	97	81370	20.0	21.0	
89 2-Hexanone	58	8.693	8.693	0.000	99	114400	100.0	102.5	
88 n-Butyl acetate	43	8.805	8.805	0.000	97	48447	20.0	19.7	
90 Chlorodibromomethane	129	8.904	8.904	0.000	98	46290	20.0	20.8	
91 Ethylene Dibromide	107	9.075	9.075	0.000	96	44987	20.0	21.0	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	88	254073	50.0	50.0	
93 Chlorobenzene	112	9.598	9.598	0.000	94	120423	20.0	21.0	
94 Ethylbenzene	106	9.674	9.674	0.000	99	60000	20.0	21.2	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	96	41445	20.0	20.4	
96 m-Xylene & p-Xylene	106	9.798	9.798	0.000	97	73180	20.0	20.9	
97 n-Butyl acrylate	73	10.138	10.138	0.000	96	41419	20.0	19.6	
98 o-Xylene	106	10.174	10.174	0.000	94	74627	20.0	21.5	
99 Styrene	104	10.203	10.203	0.000	94	137997	20.0	21.0	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	88	107618	20.0	20.8	
101 Bromoform	173	10.397	10.397	0.000	95	30048	20.0	20.4	
102 Isopropylbenzene	105	10.479	10.479	0.000	96	157475	20.0	21.8	
$ 103 4-Bromofluorobenzene	174	10.649	10.649	0.000	86	83174	50.0	49.6	
104 Camphene	41	10.667	10.667	0.000	95	14053	20.0	23.1	
105 Bromobenzene	156	10.767	10.767	0.000	97	46650	20.0	20.6	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	99	64099	20.0	20.8	
107 N-Propylbenzene	91	10.802	10.802	0.000	98	183126	20.0	21.4	
108 1,2,3-Trichloropropane	110	10.832	10.832	0.000	95	17382	20.0	21.3	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.832	0.000	78	20714	20.0	20.9	
110 4-Ethyltoluene	105	10.890	10.890	0.000	98	161193	20.0	20.5	
111 2-Chlorotoluene	91	10.896	10.896	0.000	97	139826	20.0	21.1	
112 1,3,5-Trimethylbenzene	105	10.937	10.937	0.000	93	133961	20.0	22.1	
113 4-Chlorotoluene	91	10.984	10.984	0.000	98	130762	20.0	20.5	
114 Butyl Methacrylate	87	10.996	10.996	0.000	95	69720	20.0	20.2	
115 tert-Butylbenzene	119	11.167	11.167	0.000	94	96480	20.0	21.0	
116 1,2,4-Trimethylbenzene	105	11.214	11.214	0.000	97	140113	20.0	21.5	
117 sec-Butylbenzene	105	11.319	11.319	0.000	99	136318	20.0	20.6	
118 4-Isopropyltoluene	119	11.413	11.413	0.000	97	119966	20.0	21.1	
119 1,3-Dichlorobenzene	146	11.437	11.437	0.000	94	78124	20.0	21.0	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.484	0.000	97	117126	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.501	0.000	93	81380	20.0	20.4	
122 Benzyl chloride	91	11.590	11.590	0.000	99	138435	20.0	20.9	
123 2,3-Dihydroindene	117	11.642	11.642	0.000	93	171763	20.0	20.6	
124 p-Diethylbenzene	119	11.660	11.660	0.000	93	80481	20.0	19.6	
125 n-Butylbenzene	91	11.678	11.678	0.000	92	137286	20.0	20.7	
126 1,2-Dichlorobenzene	146	11.748	11.748	0.000	95	81308	20.0	21.3	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.171	0.000	98	121595	20.0	20.8	
128 1,2-Dibromo-3-Chloropropan	75	12.283	12.283	0.000	95	11047	20.0	19.9	
129 1,3,5-Trichlorobenzene	180	12.371	12.371	0.000	97	44861	20.0	20.3	
130 Camphor	95	12.759	12.759	0.000	95	30674	100.0	105.0	
131 1,2,4-Trichlorobenzene	180	12.829	12.829	0.000	94	40328	20.0	20.3	
132 Hexachlorobutadiene	225	12.894	12.894	0.000	94	16002	20.0	21.1	
133 Naphthalene	128	13.035	13.035	0.000	99	133590	20.0	21.3	
134 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	95	34416	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 136 Xylenes, Total	100				0		40.0	42.4	
S 137 Total BTEX	1				0		100.0	105.3	

Reagents:

GAS Hi_00105	Amount Added:	2.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	2.00	Units: uL		
MIX I Hi_00044	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	2.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:32 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29087.D

Injection Date: 21-Jul-2015 12:09:30 Instrument ID: CVOAMS8 Operator ID:

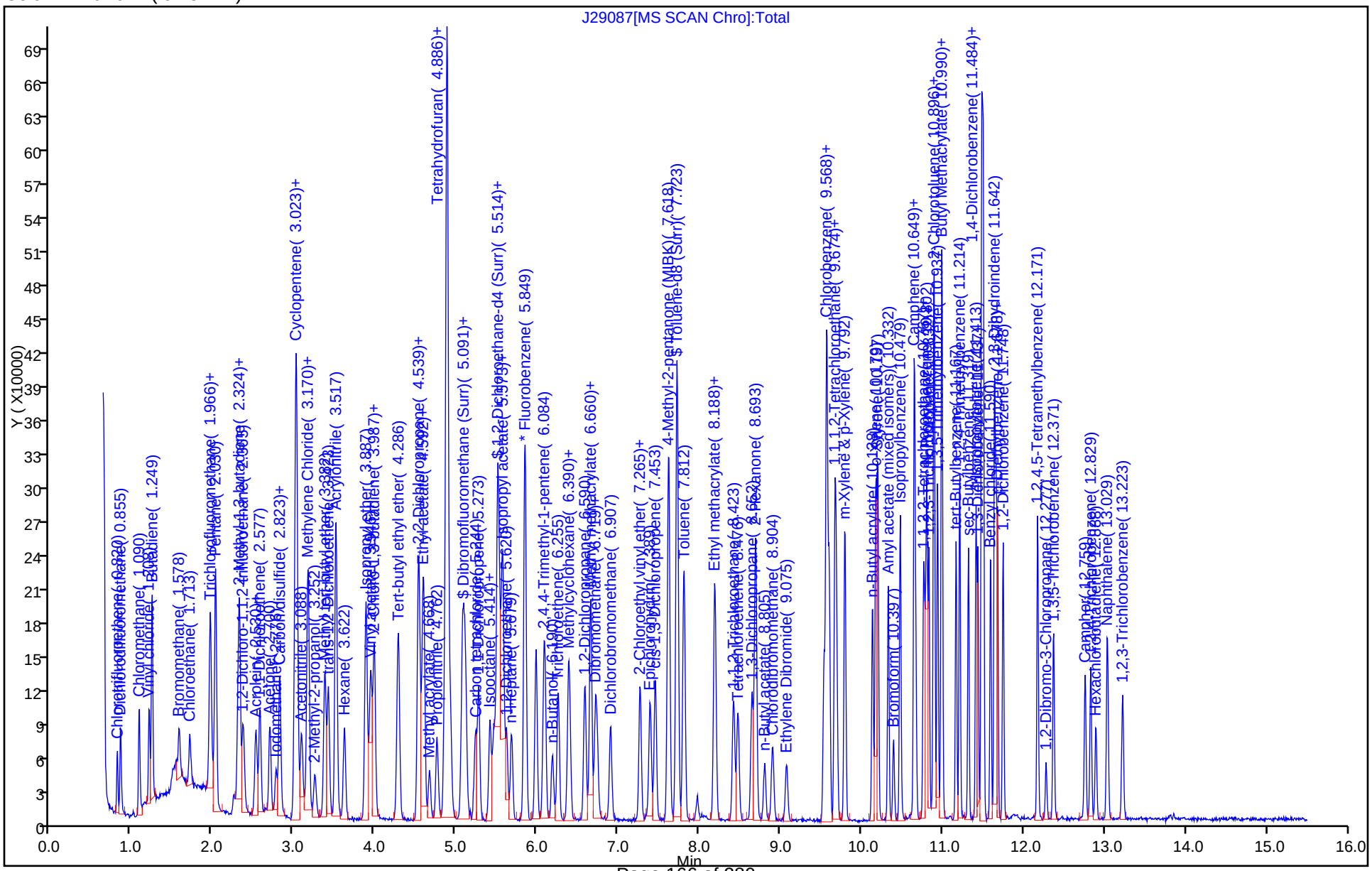
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29088.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jul-2015 12:35:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0029885-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:39 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: boykink Date: 21-Jul-2015 21:21:57

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	0.822	0.820	0.002	96	14383	50.0	46.7	
2	Dichlorodifluoromethane	85	0.863	0.861	0.002	100	136891	50.0	50.9	
3	Chloromethane	50	1.092	1.084	0.008	99	184593	50.0	50.1	
4	Vinyl chloride	62	1.216	1.213	0.003	98	171518	50.0	50.5	
5	Butadiene	54	1.251	1.249	0.002	0	163888	50.0	48.6	
6	Bromomethane	94	1.586	1.584	0.002	99	77068	50.0	45.6	
7	Chloroethane	64	1.715	1.713	0.002	99	97825	50.0	48.2	
8	Dichlorofluoromethane	67	1.968	1.960	0.008	97	222955	50.0	49.3	
9	Trichlorofluoromethane	101	1.974	1.971	0.003	81	165747	50.0	50.5	
10	Pentane	72	2.032	2.030	0.002	97	32279	100.0	95.4	
11	Ethanol	46	2.262	2.259	0.003	98	29099	2000.0	2034.9	
12	Ethyl ether	59	2.309	2.306	0.003	96	111735	50.0	49.6	
13	2-Methyl-1,3-butadiene	53	2.326	2.330	-0.004	92	123312	50.0	50.3	
14	1,2-Dichloro-1,1,2-trifluo	117	2.379	2.377	0.002	95	86575	50.0	49.8	
15	1,1,2-Trichloro-1,2,2-trif	101	2.532	2.524	0.008	95	91181	50.0	46.6	
16	Acrolein	56	2.538	2.535	0.003	33	10128	100.0	92.3	
17	1,1-Dichloroethene	96	2.579	2.577	0.002	96	105397	50.0	48.4	
18	Acetone	43	2.702	2.700	0.002	86	286793	250.0	240.0	
19	Iodomethane	142	2.779	2.776	0.003	98	138711	50.0	54.3	
20	Carbon disulfide	76	2.826	2.817	0.009	99	401655	50.0	50.5	
21	Isopropyl alcohol	45	2.831	2.829	0.002	41	89093	500.0	492.9	
22	3-Chloro-1-propene	76	3.008	3.005	0.003	93	71153	50.0	49.7	
23	Methyl acetate	43	3.025	3.023	0.002	99	792764	250.0	248.5	
24	Cyclopentene	67	3.037	3.035	0.002	89	339593	50.0	48.7	
25	Acetonitrile	41	3.096	3.094	0.002	99	242950	500.0	515.0	
* 26	TBA-d9 (IS)	65	3.166	3.164	0.002	80	172663	1000.0	1000.0	
27	Methylene Chloride	84	3.178	3.176	0.002	98	124465	50.0	46.5	
28	2-Methyl-2-propanol	59	3.260	3.258	0.002	99	126488	500.0	502.6	
29	Methyl tert-butyl ether	73	3.378	3.382	-0.004	98	355711	50.0	49.9	
30	trans-1,2-Dichloroethene	96	3.425	3.423	0.002	97	119614	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.519	3.517	0.002	94	546727	500.0	478.1	
32 Hexane	57	3.619	3.622	-0.003	0	102899	50.0	51.9	
33 Isopropyl ether	45	3.889	3.887	0.002	98	488458	50.0	49.1	
34 1,1-Dichloroethane	63	3.942	3.940	0.002	99	239458	50.0	49.6	
35 Vinyl acetate	43	3.954	3.951	0.003	100	270811	100.0	96.1	
36 Allyl alcohol	57	3.971	3.969	0.002	97	60277	1250.0	1193.8	
37 2-Chloro-1,3-butadiene	88	3.989	3.993	-0.004	91	105615	50.0	50.8	
38 Tert-butyl ethyl ether	59	4.289	4.286	0.003	89	420713	50.0	48.5	
* 39 2-Butanone-d5	46	4.530	4.527	0.003	95	238599	250.0	250.0	
40 2,2-Dichloropropane	97	4.541	4.551	-0.010	93	43064	50.0	52.9	
41 cis-1,2-Dichloroethene	96	4.588	4.586	0.002	95	132603	50.0	48.3	
42 2-Butanone (MEK)	72	4.600	4.604	-0.004	99	83163	250.0	241.8	
43 Ethyl acetate	43	4.600	4.598	0.002	93	487133	100.0	93.9	
44 Methyl acrylate	55	4.671	4.668	0.002	99	135743	50.0	47.7	
45 Propionitrile	54	4.765	4.762	0.003	98	215854	500.0	467.7	
47 Tetrahydrofuran	72	4.853	4.856	-0.003	65	33780	100.0	95.2	
46 Chlorobromomethane	128	4.864	4.862	0.002	94	56598	50.0	50.5	
48 Methacrylonitrile	67	4.888	4.886	0.002	95	582805	500.0	495.8	
49 Chloroform	83	4.929	4.927	0.002	98	203525	50.0	48.2	
50 Cyclohexane	56	5.076	5.074	0.002	94	166025	50.0	49.0	
51 1,1,1-Trichloroethane	97	5.094	5.091	0.003	98	164925	50.0	48.7	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.115	0.002	96	84017	50.0	51.3	
53 Carbon tetrachloride	117	5.240	5.238	0.002	98	134783	50.0	51.7	
54 1,1-Dichloropropene	75	5.276	5.273	0.003	95	152015	50.0	50.7	
55 Isobutyl alcohol	43	5.417	5.414	0.003	95	210382	1250.0	1335.5	
56 Isooctane	57	5.464	5.461	0.003	97	246060	50.0	48.4	
57 Benzene	78	5.511	5.514	-0.003	97	496289	50.0	49.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.532	0.002	96	108807	50.0	49.5	
60 Isopropyl acetate	43	5.569	5.567	0.002	97	418565	50.0	50.5	
59 Tert-amyl methyl ether	73	5.575	5.579	-0.004	96	381726	50.0	49.5	
61 1,2-Dichloroethane	62	5.622	5.620	0.002	96	161750	50.0	48.7	
62 n-Heptane	57	5.687	5.673	0.014	96	52349	50.0	50.0	
* 63 Fluorobenzene	96	5.851	5.849	0.002	98	357588	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.092	6.084	0.008	96	380854	100.0	102.7	
65 n-Butanol	56	6.186	6.190	-0.004	92	98297	1250.0	1182.5	
66 Trichloroethene	95	6.263	6.260	0.003	98	115791	50.0	50.2	
67 Ethyl acrylate	55	6.386	6.384	0.002	98	281153	50.0	50.1	
68 Methylcyclohexane	83	6.398	6.396	0.002	82	113915	50.0	48.4	
69 1,2-Dichloropropane	63	6.586	6.584	0.002	92	141730	50.0	49.4	
* 70 1,4-Dioxane-d8	96	6.651	6.648	0.003	38	23686	1000.0	1000.0	
71 Methyl methacrylate	100	6.662	6.660	0.002	95	73164	100.0	102.4	
72 1,4-Dioxane	88	6.709	6.707	0.002	31	28012	1000.0	916.1	
73 n-Propyl acetate	43	6.715	6.719	-0.004	99	227589	50.0	48.9	
74 Dibromomethane	93	6.739	6.742	-0.003	96	70934	50.0	48.7	
75 Dichlorobromomethane	83	6.903	6.907	-0.004	99	160416	50.0	46.0	
76 2-Nitropropane	41	7.267	7.271	-0.004	78	81128	100.0	96.9	
77 2-Chloroethyl vinyl ether	63	7.267	7.265	0.002	72	97697	50.0	50.3	
78 Epichlorohydrin	57	7.391	7.394	-0.003	99	276876	1000.0	961.9	
79 cis-1,3-Dichloropropene	75	7.455	7.453	0.002	95	213069	50.0	49.5	
80 4-Methyl-2-pentanone (MIBK	43	7.620	7.618	0.002	98	704075	250.0	243.5	
$ 81 Toluene-d8 (Surr)	98	7.726	7.723	0.003	99	345584	50.0	50.2	
82 Toluene	91	7.808	7.812	-0.004	94	491598	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.184	8.188	-0.004	98	184974	50.0	50.0	
84 Ethyl methacrylate	69	8.196	8.194	0.002	93	173133	50.0	47.6	
85 1,1,2-Trichloroethane	83	8.419	8.417	0.002	96	96062	50.0	46.0	
86 Tetrachloroethene	166	8.478	8.481	-0.003	96	89934	50.0	50.7	
87 1,3-Dichloropropane	76	8.648	8.652	-0.004	94	195460	50.0	49.3	
89 2-Hexanone	58	8.695	8.693	0.002	98	269451	250.0	239.0	
88 n-Butyl acetate	43	8.807	8.805	0.002	99	114356	50.0	45.5	
90 Chlorodibromomethane	129	8.907	8.904	0.003	99	112420	50.0	49.5	
91 Ethylene Dibromide	107	9.077	9.075	0.002	99	106973	50.0	48.9	
* 92 Chlorobenzene-d5	117	9.571	9.568	0.003	86	259695	50.0	50.0	
93 Chlorobenzene	112	9.600	9.598	0.002	93	297555	50.0	50.8	
94 Ethylbenzene	106	9.671	9.674	-0.003	99	147537	50.0	51.0	
95 1,1,1,2-Tetrachloroethane	131	9.694	9.692	0.002	95	102734	50.0	49.6	
96 m-Xylene & p-Xylene	106	9.794	9.798	-0.004	97	183037	50.0	51.1	
97 n-Butyl acrylate	73	10.135	10.138	-0.003	97	103039	50.0	47.6	
98 o-Xylene	106	10.176	10.174	0.002	93	184438	50.0	52.0	
99 Styrene	104	10.199	10.203	-0.004	95	339759	50.0	50.5	
100 Amyl acetate (mixed isomer	43	10.329	10.332	-0.003	88	255218	50.0	47.9	
101 Bromoform	173	10.393	10.397	-0.004	95	73295	50.0	48.8	
102 Isopropylbenzene	105	10.475	10.479	-0.004	96	385444	50.0	52.2	
$ 103 4-Bromofluorobenzene	174	10.652	10.649	0.003	87	87758	50.0	51.2	
104 Camphene	41	10.669	10.667	0.002	96	28470	50.0	46.8	
105 Bromobenzene	156	10.769	10.767	0.002	96	115951	50.0	50.0	
106 1,1,2,2-Tetrachloroethane	83	10.787	10.785	0.002	99	151356	50.0	47.9	
107 N-Propylbenzene	91	10.804	10.802	0.002	99	450717	50.0	51.4	
108 1,2,3-Trichloropropane	110	10.828	10.832	-0.004	96	40410	50.0	48.3	
109 trans-1,4-Dichloro-2-buten	53	10.834	10.832	0.002	91	50623	50.0	49.7	
110 4-Ethyltoluene	105	10.893	10.890	0.003	97	390913	50.0	48.4	
111 2-Chlorotoluene	91	10.899	10.896	0.002	97	347114	50.0	51.0	
112 1,3,5-Trimethylbenzene	105	10.940	10.937	0.003	93	319600	50.0	51.4	
113 4-Chlorotoluene	91	10.987	10.984	0.003	98	323891	50.0	49.4	
114 Butyl Methacrylate	87	10.998	10.996	0.002	95	177144	50.0	49.9	
115 tert-Butylbenzene	119	11.169	11.167	0.003	93	243118	50.0	51.6	
116 1,2,4-Trimethylbenzene	105	11.216	11.214	0.002	98	343647	50.0	51.4	
117 sec-Butylbenzene	105	11.322	11.319	0.003	99	344033	50.0	50.6	
118 4-Isopropyltoluene	119	11.416	11.413	0.003	97	300004	50.0	51.3	
119 1,3-Dichlorobenzene	146	11.439	11.437	0.002	94	192586	50.0	50.3	
* 120 1,4-Dichlorobenzene-d4	152	11.486	11.484	0.002	96	120311	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.504	11.501	0.003	94	204498	50.0	49.9	
122 Benzyl chloride	91	11.598	11.590	0.008	98	333480	50.0	49.1	
123 2,3-Dihydroindene	117	11.645	11.642	0.003	93	426548	50.0	49.8	
124 p-Diethylbenzene	119	11.662	11.660	0.002	93	203240	50.0	48.1	
125 n-Butylbenzene	91	11.686	11.678	0.008	98	351193	50.0	51.5	
126 1,2-Dichlorobenzene	146	11.750	11.748	0.002	94	196563	50.0	50.1	
127 1,2,4,5-Tetramethylbenzene	119	12.179	12.171	0.008	97	299728	50.0	49.8	
128 1,2-Dibromo-3-Chloropropan	75	12.285	12.283	0.002	95	26681	50.0	46.8	
129 1,3,5-Trichlorobenzene	180	12.373	12.371	0.002	97	111051	50.0	48.9	
130 Camphor	95	12.767	12.759	0.008	94	73257	250.0	244.0	
131 1,2,4-Trichlorobenzene	180	12.832	12.829	0.003	94	99828	50.0	48.9	
132 Hexachlorobutadiene	225	12.896	12.894	0.002	94	37241	50.0	49.1	
133 Naphthalene	128	13.037	13.035	0.002	99	329664	50.0	51.1	
134 1,2,3-Trichlorobenzene	180	13.225	13.223	0.002	95	89438	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		100.0	96.1	
S 136 Xylenes, Total	100				0		100.0	103.1	
S 137 Total BTEX	1				0		250.0	253.4	

Reagents:

GAS Hi_00105	Amount Added:	5.00	Units: uL		
MIX I Hi_00044	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	5.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	5.00	Units: uL		
ACROLEIN W_00040	Amount Added:	10.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:44 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29088.D

Injection Date: 21-Jul-2015 12:35:30 Instrument ID: CVOAMS8 Operator ID:

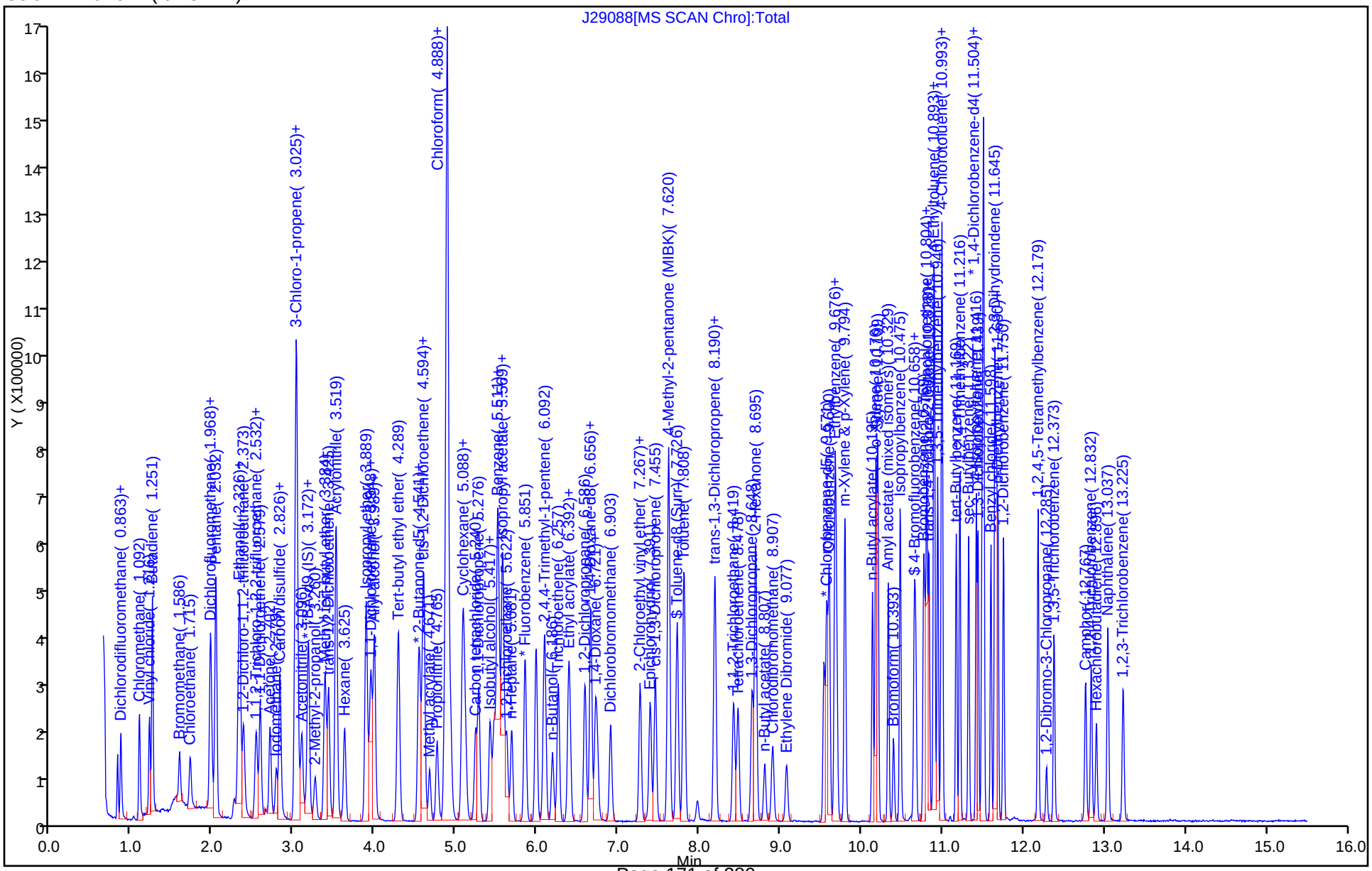
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29089.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jul-2015 13:02:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0029885-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:48 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 21-Jul-2015 20:13:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.825	0.820	0.005	97	60454	200.0	190.7	
2 Dichlorodifluoromethane	85	0.867	0.861	0.006	100	532674	200.0	192.2	
3 Chloromethane	50	1.096	1.084	0.012	99	727005	200.0	191.7	
4 Vinyl chloride	62	1.219	1.213	0.006	99	682152	200.0	195.0	
5 Butadiene	54	1.254	1.249	0.005	0	632824	200.0	182.3	
6 Bromomethane	94	1.589	1.584	0.005	99	349739	200.0	200.8	
7 Chloroethane	64	1.724	1.713	0.011	100	388761	200.0	186.2	
8 Dichlorofluoromethane	67	1.971	1.960	0.011	99	890767	200.0	191.3	
9 Trichlorofluoromethane	101	1.977	1.971	0.006	100	666770	200.0	197.1	
10 Pentane	72	2.036	2.030	0.006	97	131456	400.0	380.4	
11 Ethanol	46	2.265	2.259	0.006	100	115135	8000.0	7882.1	
12 Ethyl ether	59	2.312	2.306	0.006	96	434996	200.0	187.4	
13 2-Methyl-1,3-butadiene	53	2.335	2.330	0.005	93	483994	200.0	191.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.377	0.000	96	338198	200.0	188.9	
15 1,1,2-Trichloro-1,2,2-trif	101	2.535	2.524	0.011	95	362308	200.0	188.6	
16 Acrolein	56	2.541	2.535	0.006	32	24317	200.0	217.0	
17 1,1-Dichloroethene	96	2.588	2.577	0.011	96	406015	200.0	180.9	
18 Acetone	43	2.706	2.700	0.006	86	1034155	1000.0	864.2	
19 Iodomethane	142	2.782	2.776	0.006	98	557647	200.0	212.2	
20 Carbon disulfide	76	2.829	2.817	0.012	99	1551523	200.0	189.6	
21 Isopropyl alcohol	45	2.835	2.829	0.006	99	339074	2000.0	1851.5	
22 3-Chloro-1-propene	76	3.011	3.005	0.006	92	271704	200.0	184.3	
23 Methyl acetate	43	3.029	3.023	0.006	100	3058228	1000.0	931.1	
24 Cyclopentene	67	3.040	3.035	0.005	89	1368000	200.0	190.4	
25 Acetonitrile	41	3.099	3.094	0.005	98	956468	2000.0	1984.8	
* 26 TBA-d9 (IS)	65	3.170	3.164	0.006	80	176374	1000.0	1000.0	
27 Methylene Chloride	84	3.181	3.176	0.005	99	483823	200.0	175.4	
28 2-Methyl-2-propanol	59	3.264	3.258	0.006	99	485750	2000.0	1948.9	
29 Methyl tert-butyl ether	73	3.381	3.382	-0.001	98	1388655	200.0	189.2	
30 trans-1,2-Dichloroethene	96	3.428	3.423	0.005	98	462738	200.0	179.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.522	3.517	0.005	94	2131447	2000.0	1824.6	
32 Hexane	57	3.628	3.622	0.006	0	392745	200.0	198.9	
33 Isopropyl ether	45	3.892	3.887	0.005	98	1890108	200.0	184.4	
34 1,1-Dichloroethane	63	3.939	3.940	-0.001	99	948209	200.0	190.8	
35 Vinyl acetate	43	3.957	3.951	0.006	100	1081407	400.0	372.7	
36 Allyl alcohol	57	3.975	3.969	0.006	97	254618	5000.0	4936.6	
37 2-Chloro-1,3-butadiene	88	3.992	3.993	-0.001	92	427293	200.0	199.6	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	89	1638632	200.0	183.6	
* 39 2-Butanone-d5	46	4.539	4.527	0.012	82	238911	250.0	250.0	
40 2,2-Dichloropropane	97	4.550	4.551	-0.001	96	161226	200.0	195.7	
41 cis-1,2-Dichloroethene	96	4.592	4.586	0.006	95	507999	200.0	179.7	
43 Ethyl acetate	43	4.603	4.598	0.005	93	1882049	400.0	362.5	
42 2-Butanone (MEK)	72	4.603	4.604	-0.001	97	313989	1000.0	911.7	
44 Methyl acrylate	55	4.674	4.668	0.006	99	539419	200.0	184.2	
45 Propionitrile	54	4.768	4.762	0.006	98	850656	2000.0	1804.5	
47 Tetrahydrofuran	72	4.862	4.856	0.006	90	129936	400.0	365.6	
46 Chlorobromomethane	128	4.868	4.862	0.006	99	222978	200.0	193.2	
48 Methacrylonitrile	67	4.897	4.886	0.011	94	2335816	2000.0	1930.2	
49 Chloroform	83	4.932	4.927	0.005	98	796454	200.0	183.0	
50 Cyclohexane	56	5.079	5.074	0.005	94	644806	200.0	185.0	
51 1,1,1-Trichloroethane	97	5.097	5.091	0.006	99	647039	200.0	185.6	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.115	0.005	96	84425	50.0	50.0	
53 Carbon tetrachloride	117	5.238	5.238	0.000	99	526333	200.0	196.0	
54 1,1-Dichloropropene	75	5.279	5.273	0.006	95	604653	200.0	195.7	
55 Isobutyl alcohol	43	5.420	5.414	0.006	92	818247	5000.0	5085.1	
56 Isooctane	57	5.473	5.461	0.012	99	931180	200.0	177.9	
57 Benzene	78	5.514	5.514	0.000	98	1947544	200.0	192.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.538	5.532	0.006	94	116260	50.0	51.3	
60 Isopropyl acetate	43	5.573	5.567	0.006	96	1647236	200.0	193.0	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	93	1505978	200.0	189.5	
61 1,2-Dichloroethane	62	5.626	5.620	0.006	97	649837	200.0	189.9	
62 n-Heptane	57	5.684	5.673	0.011	96	195662	200.0	181.6	
* 63 Fluorobenzene	96	5.849	5.849	0.000	98	368163	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.084	0.006	94	1479805	400.0	387.7	
65 n-Butanol	56	6.190	6.190	0.000	91	391244	5000.0	4607.6	
66 Trichloroethene	95	6.260	6.260	0.000	98	454957	200.0	191.6	
67 Ethyl acrylate	55	6.390	6.384	0.006	99	1112697	200.0	192.7	
68 Methylcyclohexane	83	6.401	6.396	0.005	95	437311	200.0	180.3	
69 1,2-Dichloropropane	63	6.589	6.584	0.005	92	548946	200.0	185.8	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	21	18739	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	94	300727	400.0	408.8	
72 1,4-Dioxane	88	6.713	6.707	0.006	36	106818	4000.0	4415.4	
73 n-Propyl acetate	43	6.719	6.719	0.000	99	905583	200.0	188.9	
74 Dibromomethane	93	6.742	6.742	0.000	96	280650	200.0	187.0	
75 Dichlorobromomethane	83	6.907	6.907	0.000	99	642913	200.0	178.9	
77 2-Chloroethyl vinyl ether	63	7.271	7.265	0.006	96	395611	200.0	197.8	
76 2-Nitropropane	41	7.271	7.271	0.000	90	323311	400.0	378.9	
78 Epichlorohydrin	57	7.394	7.394	0.000	100	1081169	4000.0	3751.3	
79 cis-1,3-Dichloropropene	75	7.459	7.453	0.006	95	847549	200.0	193.6	
80 4-Methyl-2-pentanone (MIBK	43	7.623	7.618	0.005	98	2721013	1000.0	939.9	
$ 81 Toluene-d8 (Surr)	98	7.729	7.723	0.006	99	357540	50.0	51.1	
82 Toluene	91	7.811	7.812	-0.001	94	1916734	200.0	190.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.187	8.188	-0.001	99	730318	200.0	194.2	
84 Ethyl methacrylate	69	8.199	8.194	0.005	92	690204	200.0	184.4	
85 1,1,2-Trichloroethane	83	8.422	8.417	0.005	96	374720	200.0	176.4	
86 Tetrachloroethene	166	8.481	8.481	0.000	97	356527	200.0	197.7	
87 1,3-Dichloropropane	76	8.652	8.652	0.000	94	775906	200.0	192.4	
89 2-Hexanone	58	8.693	8.693	0.000	98	1026506	1000.0	909.3	
88 n-Butyl acetate	43	8.804	8.805	-0.001	98	460169	200.0	180.2	
90 Chlorodibromomethane	129	8.904	8.904	0.000	98	441021	200.0	191.1	
91 Ethylene Dibromide	107	9.075	9.075	0.000	99	427293	200.0	192.0	
* 92 Chlorobenzene-d5	117	9.574	9.568	0.006	88	264086	50.0	50.0	
93 Chlorobenzene	112	9.603	9.598	0.005	93	1158737	200.0	194.5	
94 Ethylbenzene	106	9.674	9.674	0.000	99	580569	200.0	197.3	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.692	0.000	96	409429	200.0	194.2	
96 m-Xylene & p-Xylene	106	9.797	9.798	-0.001	97	715160	200.0	196.3	
97 n-Butyl acrylate	73	10.138	10.138	0.000	97	413651	200.0	188.0	
98 o-Xylene	106	10.179	10.174	0.005	94	708288	200.0	196.5	
99 Styrene	104	10.203	10.203	0.000	94	1330490	200.0	194.6	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	90	1029131	200.0	181.0	
101 Bromoform	173	10.397	10.397	0.000	96	301162	200.0	197.2	
102 Isopropylbenzene	105	10.479	10.479	0.000	97	1484086	200.0	197.6	
$ 103 4-Bromofluorobenzene	174	10.655	10.649	0.006	88	88891	50.0	51.0	
104 Camphene	41	10.667	10.667	0.000	96	111359	200.0	189.6	
105 Bromobenzene	156	10.767	10.767	0.000	97	469829	200.0	189.5	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.785	-0.001	99	604159	200.0	178.9	
107 N-Propylbenzene	91	10.808	10.802	0.006	99	1770788	200.0	189.0	
108 1,2,3-Trichloropropane	110	10.831	10.832	-0.001	94	162340	200.0	181.7	
109 trans-1,4-Dichloro-2-buten	53	10.837	10.832	0.005	93	207733	200.0	190.8	
110 4-Ethyltoluene	105	10.896	10.890	0.006	97	1569501	200.0	181.8	
111 2-Chlorotoluene	91	10.902	10.896	0.006	97	1371831	200.0	188.5	
112 1,3,5-Trimethylbenzene	105	10.943	10.937	0.006	93	1257863	200.0	189.3	
113 4-Chlorotoluene	91	10.990	10.984	0.006	97	1285660	200.0	183.5	
114 Butyl Methacrylate	87	10.996	10.996	0.000	95	728086	200.0	192.1	
115 tert-Butylbenzene	119	11.172	11.167	0.006	93	945248	200.0	187.9	
116 1,2,4-Trimethylbenzene	105	11.219	11.214	0.005	98	1339137	200.0	187.6	
117 sec-Butylbenzene	105	11.325	11.319	0.006	99	1327640	200.0	183.0	
118 4-Isopropyltoluene	119	11.419	11.413	0.006	98	1201504	200.0	192.3	
119 1,3-Dichlorobenzene	146	11.442	11.437	0.005	95	777835	200.0	190.3	
* 120 1,4-Dichlorobenzene-d4	152	11.489	11.484	0.005	96	128529	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.507	11.501	0.006	93	819216	200.0	187.2	
122 Benzyl chloride	91	11.601	11.590	0.011	99	1304620	200.0	179.8	
123 2,3-Dihydroindene	117	11.654	11.642	0.012	93	1693004	200.0	184.9	
124 p-Diethylbenzene	119	11.672	11.660	0.012	93	820810	200.0	181.8	
125 n-Butylbenzene	91	11.689	11.678	0.011	93	1287441	200.0	176.8	
126 1,2-Dichlorobenzene	146	11.760	11.748	0.012	95	786652	200.0	187.7	
127 1,2,4,5-Tetramethylbenzene	119	12.189	12.171	0.018	98	1160574	200.0	180.5	
128 1,2-Dibromo-3-Chloropropan	75	12.288	12.283	0.005	97	108476	200.0	177.9	
129 1,3,5-Trichlorobenzene	180	12.382	12.371	0.011	96	435379	200.0	179.3	
130 Camphor	95	12.776	12.759	0.017	94	291643	1000.0	909.4	
131 1,2,4-Trichlorobenzene	180	12.847	12.829	0.018	94	400055	200.0	183.4	
132 Hexachlorobutadiene	225	12.911	12.894	0.017	94	151636	200.0	190.0	
133 Naphthalene	128	13.046	13.035	0.011	99	1316770	200.0	191.1	
134 1,2,3-Trichlorobenzene	180	13.240	13.223	0.017	95	361008	200.0	192.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		400.0	359.3	
S 136 Xylenes, Total	100				0		400.0	392.8	
S 137 Total BTEX	1				0		1000.0	972.2	

Reagents:

GAS Hi_00105	Amount Added:	20.00	Units: uL		
MIX I Hi_00044	Amount Added:	20.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	20.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	20.00	Units: uL		
ACROLEIN W_00040	Amount Added:	20.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:34:49 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29089.D

Injection Date: 21-Jul-2015 13:02:30 Instrument ID: CVOAMS8 Operator ID:

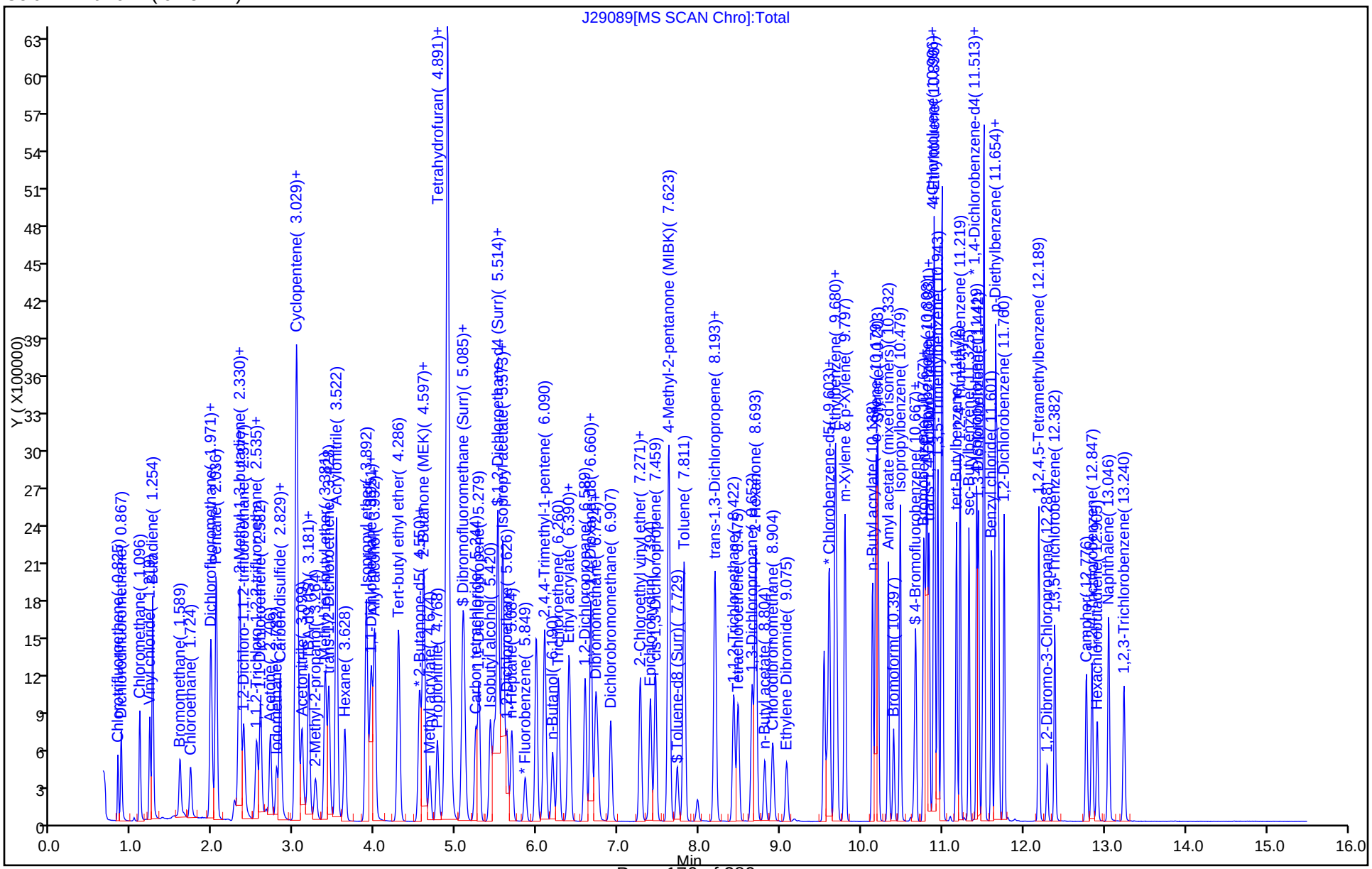
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29090.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-Jul-2015 13:28:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0029885-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:53 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: boykink Date: 21-Jul-2015 22:17:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.819	0.820	-0.001	96	145018	500.0	434.5	
2 Dichlorodifluoromethane	85	0.861	0.861	0.000	100	1291978	500.0	442.9	
3 Chloromethane	50	1.090	1.084	0.006	99	1770053	500.0	443.4	
4 Vinyl chloride	62	1.213	1.213	0.000	98	1645248	500.0	446.8	
5 Butadiene	54	1.248	1.249	-0.001	0	1530918	500.0	418.9	
6 Bromomethane	94	1.589	1.584	0.005	99	939129	500.0	512.1	
7 Chloroethane	64	1.718	1.713	0.005	100	954890	500.0	434.3	
8 Dichlorofluoromethane	67	1.965	1.960	0.005	99	2150677	500.0	438.6	
9 Trichlorofluoromethane	101	1.971	1.971	0.000	100	1616707	500.0	454.0	
10 Pentane	72	2.036	2.030	0.006	96	324665	1000.0	866.4	
11 Ethanol	46	2.265	2.259	0.006	99	295540	20000	18657	
12 Ethyl ether	59	2.312	2.306	0.006	96	1093458	500.0	447.5	
13 2-Methyl-1,3-butadiene	53	2.329	2.330	-0.001	92	1187093	500.0	446.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.376	2.377	-0.001	95	857270	500.0	454.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.535	2.524	0.011	96	910968	500.0	521.0	
16 Acrolein	56	2.541	2.535	0.006	30	47901	400.0	394.1	
17 1,1-Dichloroethene	96	2.582	2.577	0.005	96	1036122	500.0	438.6	
18 Acetone	43	2.706	2.700	0.006	86	2549550	2500.0	2013.4	
19 Iodomethane	142	2.782	2.776	0.006	98	1354458	500.0	489.5	
20 Carbon disulfide	76	2.823	2.817	0.006	99	3771139	500.0	437.8	
21 Isopropyl alcohol	45	2.835	2.829	0.006	99	885072	5000.0	4464.3	
22 3-Chloro-1-propene	76	3.011	3.005	0.006	92	695022	500.0	447.9	
23 Methyl acetate	43	3.029	3.023	0.006	98	6979058	2500.0	2018.5	
24 Cyclopentene	67	3.035	3.035	0.000	90	3366446	500.0	445.1	
25 Acetonitrile	41	3.099	3.094	0.005	98	2386701	5000.0	4567.0	
* 26 TBA-d9 (IS)	65	3.176	3.164	0.012	83	191271	1000.0	1000.0	
27 Methylene Chloride	84	3.181	3.176	0.005	97	1212340	500.0	417.5	
28 2-Methyl-2-propanol	59	3.264	3.258	0.006	99	1230609	5000.0	4581.7	
29 Methyl tert-butyl ether	73	3.381	3.382	-0.001	98	3445811	500.0	446.0	
30 trans-1,2-Dichloroethene	96	3.428	3.423	0.005	98	1155923	500.0	426.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.522	3.517	0.005	92	5089209	5000.0	4017.2	
32 Hexane	57	3.622	3.622	0.000	0	966417	500.0	500.2	
33 Isopropyl ether	45	3.892	3.887	0.005	97	4559087	500.0	422.6	
34 1,1-Dichloroethane	63	3.939	3.940	-0.001	100	2366318	500.0	452.3	
35 Vinyl acetate	43	3.957	3.951	0.006	100	2686897	1000.0	879.6	
36 Allyl alcohol	57	3.975	3.969	0.006	93	640693	12500	11454	
37 2-Chloro-1,3-butadiene	88	3.992	3.993	-0.001	92	1086214	500.0	481.9	
38 Tert-butyl ethyl ether	59	4.286	4.286	0.000	90	4006331	500.0	426.5	
* 39 2-Butanone-d5	46	4.539	4.527	0.012	81	252818	250.0	250.0	
40 2,2-Dichloropropane	97	4.556	4.551	0.005	96	398847	500.0	461.5	
41 cis-1,2-Dichloroethene	96	4.592	4.586	0.006	96	1296955	500.0	435.8	
43 Ethyl acetate	43	4.603	4.598	0.005	93	4572530	1000.0	832.3	
42 2-Butanone (MEK)	72	4.603	4.604	-0.001	98	813582	2500.0	2232.5	
44 Methyl acrylate	55	4.674	4.668	0.006	99	1362667	500.0	441.9	
45 Propionitrile	54	4.768	4.762	0.006	98	2115143	5000.0	4137.5	
47 Tetrahydrofuran	72	4.856	4.856	0.000	87	334537	1000.0	889.6	
46 Chlorobromomethane	128	4.868	4.862	0.006	98	575541	500.0	473.8	
48 Methacrylonitrile	67	4.903	4.886	0.017	95	5595681	5000.0	4392.4	
49 Chloroform	83	4.938	4.927	0.011	98	1994790	500.0	435.5	
50 Cyclohexane	56	5.079	5.074	0.005	94	1603002	500.0	436.8	
51 1,1,1-Trichloroethane	97	5.097	5.091	0.006	98	1626069	500.0	443.0	
$ 52 Dibromofluoromethane (Surr	113	5.120	5.115	0.005	96	87445	50.0	49.2	
53 Carbon tetrachloride	117	5.238	5.238	0.000	99	1346121	500.0	476.2	
54 1,1-Dichloropropene	75	5.279	5.273	0.006	95	1531971	500.0	471.0	
55 Isobutyl alcohol	43	5.426	5.414	0.012	92	2108479	12500	12083	
56 Isooctane	57	5.467	5.461	0.006	99	2389507	500.0	433.6	
57 Benzene	78	5.514	5.514	0.000	98	4742915	500.0	443.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.537	5.532	0.005	87	119464	50.0	50.1	
60 Isopropyl acetate	43	5.573	5.567	0.006	97	3991318	500.0	444.3	
59 Tert-amyl methyl ether	73	5.579	5.579	0.000	92	3762329	500.0	449.8	
61 1,2-Dichloroethane	62	5.626	5.620	0.006	96	1621262	500.0	450.0	
62 n-Heptane	57	5.684	5.673	0.011	96	502030	500.0	442.6	
* 63 Fluorobenzene	96	5.849	5.849	0.000	98	387581	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.084	0.006	94	3589585	1000.0	893.2	
65 n-Butanol	56	6.190	6.190	0.000	91	1032882	12500	11217	
66 Trichloroethene	95	6.260	6.260	0.000	98	1173789	500.0	469.5	
67 Ethyl acrylate	55	6.389	6.384	0.005	99	2767613	500.0	455.3	
68 Methylcyclohexane	83	6.401	6.396	0.005	81	1115870	500.0	437.1	
69 1,2-Dichloropropane	63	6.589	6.584	0.005	91	1402655	500.0	450.9	
* 70 1,4-Dioxane-d8	96	6.648	6.648	0.000	20	21617	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.660	0.000	93	770045	1000.0	994.3	
72 1,4-Dioxane	88	6.718	6.707	0.011	89	287054	10000	10286	
73 n-Propyl acetate	43	6.718	6.719	-0.001	99	2255963	500.0	447.1	
74 Dibromomethane	93	6.742	6.742	0.000	97	702032	500.0	444.3	
75 Dichlorobromomethane	83	6.906	6.907	-0.001	99	1634802	500.0	432.2	
77 2-Chloroethyl vinyl ether	63	7.271	7.265	0.006	92	1000053	500.0	475.0	
76 2-Nitropropane	41	7.277	7.271	0.006	81	806483	1000.0	899.5	
78 Epichlorohydrin	57	7.400	7.394	0.006	100	2674588	10000	8769.5	
79 cis-1,3-Dichloropropene	75	7.459	7.453	0.006	94	2117616	500.0	458.2	
80 4-Methyl-2-pentanone (MIBK	43	7.623	7.618	0.005	96	6354121	2500.0	2074.1	
$ 81 Toluene-d8 (Surr)	98	7.729	7.723	0.006	99	368844	50.0	49.9	
82 Toluene	91	7.811	7.812	-0.001	95	4603810	500.0	432.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.187	8.188	-0.001	99	1832027	500.0	461.5	
84 Ethyl methacrylate	69	8.199	8.194	0.005	92	1721043	500.0	436.8	
85 1,1,2-Trichloroethane	83	8.422	8.417	0.005	97	945215	500.0	421.6	
86 Tetrachloroethene	166	8.475	8.481	-0.006	96	899383	500.0	472.4	
87 1,3-Dichloropropane	76	8.651	8.652	-0.001	97	1928170	500.0	453.0	
89 2-Hexanone	58	8.698	8.693	0.005	96	2601037	2500.0	2177.2	
88 n-Butyl acetate	43	8.804	8.805	-0.001	99	1149329	500.0	426.2	
90 Chlorodibromomethane	129	8.904	8.904	0.000	98	1140273	500.0	468.0	
91 Ethylene Dibromide	107	9.080	9.075	0.005	98	1078327	500.0	459.0	
* 92 Chlorobenzene-d5	117	9.568	9.568	0.000	87	278819	50.0	50.0	
93 Chlorobenzene	112	9.603	9.598	0.005	92	2894958	500.0	460.3	
94 Ethylbenzene	106	9.674	9.674	0.000	98	1487650	500.0	478.9	
95 1,1,1,2-Tetrachloroethane	131	9.691	9.692	-0.001	96	1066601	500.0	479.3	
96 m-Xylene & p-Xylene	106	9.797	9.798	-0.001	96	1803192	500.0	468.8	
97 n-Butyl acrylate	73	10.138	10.138	0.000	98	1085163	500.0	467.2	
98 o-Xylene	106	10.179	10.174	0.005	96	1845206	500.0	484.8	
99 Styrene	104	10.203	10.203	0.000	92	3336671	500.0	462.2	
100 Amyl acetate (mixed isomer	43	10.332	10.332	0.000	91	2621074	500.0	436.6	
101 Bromoform	173	10.396	10.397	-0.001	96	815905	500.0	505.9	
102 Isopropylbenzene	105	10.479	10.479	0.000	97	3649901	500.0	460.3	
$ 103 4-Bromofluorobenzene	174	10.655	10.649	0.006	93	96655	50.0	52.6	
104 Camphene	41	10.667	10.667	0.000	96	287149	500.0	513.6	
105 Bromobenzene	156	10.767	10.767	0.000	97	1268393	500.0	484.7	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.785	-0.001	98	1533018	500.0	430.1	
107 N-Propylbenzene	91	10.808	10.802	0.006	98	4258608	500.0	430.5	
108 1,2,3-Trichloropropane	110	10.831	10.832	-0.001	97	436379	500.0	462.6	
109 trans-1,4-Dichloro-2-buten	53	10.837	10.832	0.005	92	540223	500.0	470.1	
110 4-Ethyltoluene	105	10.896	10.890	0.006	96	3829157	500.0	420.1	
111 2-Chlorotoluene	91	10.902	10.896	0.006	98	3408001	500.0	443.7	
112 1,3,5-Trimethylbenzene	105	10.943	10.937	0.006	94	3085844	500.0	440.0	
113 4-Chlorotoluene	91	10.990	10.984	0.006	97	3197217	500.0	432.4	
114 Butyl Methacrylate	87	10.996	10.996	0.000	93	1852264	500.0	463.1	
115 tert-Butylbenzene	119	11.172	11.167	0.006	94	2421816	500.0	456.0	
116 1,2,4-Trimethylbenzene	105	11.213	11.214	-0.001	98	3256776	500.0	432.2	
117 sec-Butylbenzene	105	11.325	11.319	0.006	97	3267014	500.0	426.5	
118 4-Isopropyltoluene	119	11.419	11.413	0.006	97	2934880	500.0	445.1	
119 1,3-Dichlorobenzene	146	11.436	11.437	-0.001	94	1929642	500.0	447.2	
* 120 1,4-Dichlorobenzene-d4	152	11.489	11.484	0.005	94	135659	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.501	0.000	92	2029249	500.0	439.4	
122 Benzyl chloride	91	11.595	11.590	0.005	99	3002979	500.0	392.2	
123 2,3-Dihydroindene	117	11.648	11.642	0.006	94	3962432	500.0	410.0	
124 p-Diethylbenzene	119	11.666	11.660	0.006	93	1993582	500.0	418.4	
125 n-Butylbenzene	91	11.683	11.678	0.005	98	3166009	500.0	411.9	
126 1,2-Dichlorobenzene	146	11.754	11.748	0.006	94	1907652	500.0	431.3	
127 1,2,4,5-Tetramethylbenzene	119	12.177	12.171	0.006	98	2773697	500.0	408.7	
128 1,2-Dibromo-3-Chloropropan	75	12.283	12.283	0.000	97	277710	500.0	431.6	
129 1,3,5-Trichlorobenzene	180	12.377	12.371	0.006	97	1103586	500.0	430.6	
130 Camphor	95	12.764	12.759	0.005	94	753136	2500.0	2224.9	
131 1,2,4-Trichlorobenzene	180	12.835	12.829	0.006	94	1024463	500.0	445.0	
132 Hexachlorobutadiene	225	12.894	12.894	0.000	94	388797	500.0	462.8	
133 Naphthalene	128	13.035	13.035	0.000	98	3257606	500.0	448.0	
134 1,2,3-Trichlorobenzene	180	13.228	13.223	0.005	95	912894	500.0	461.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		1000.0	862.0	
S 136 Xylenes, Total	100				0		1000.0	953.6	
S 137 Total BTEX	1				0		2500.0	2307.8	

Reagents:

GAS Hi_00105	Amount Added:	50.00	Units: uL	
MIX I Hi_00044	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00032	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00016	Amount Added:	50.00	Units: uL	
ACROLEIN W_00040	Amount Added:	40.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

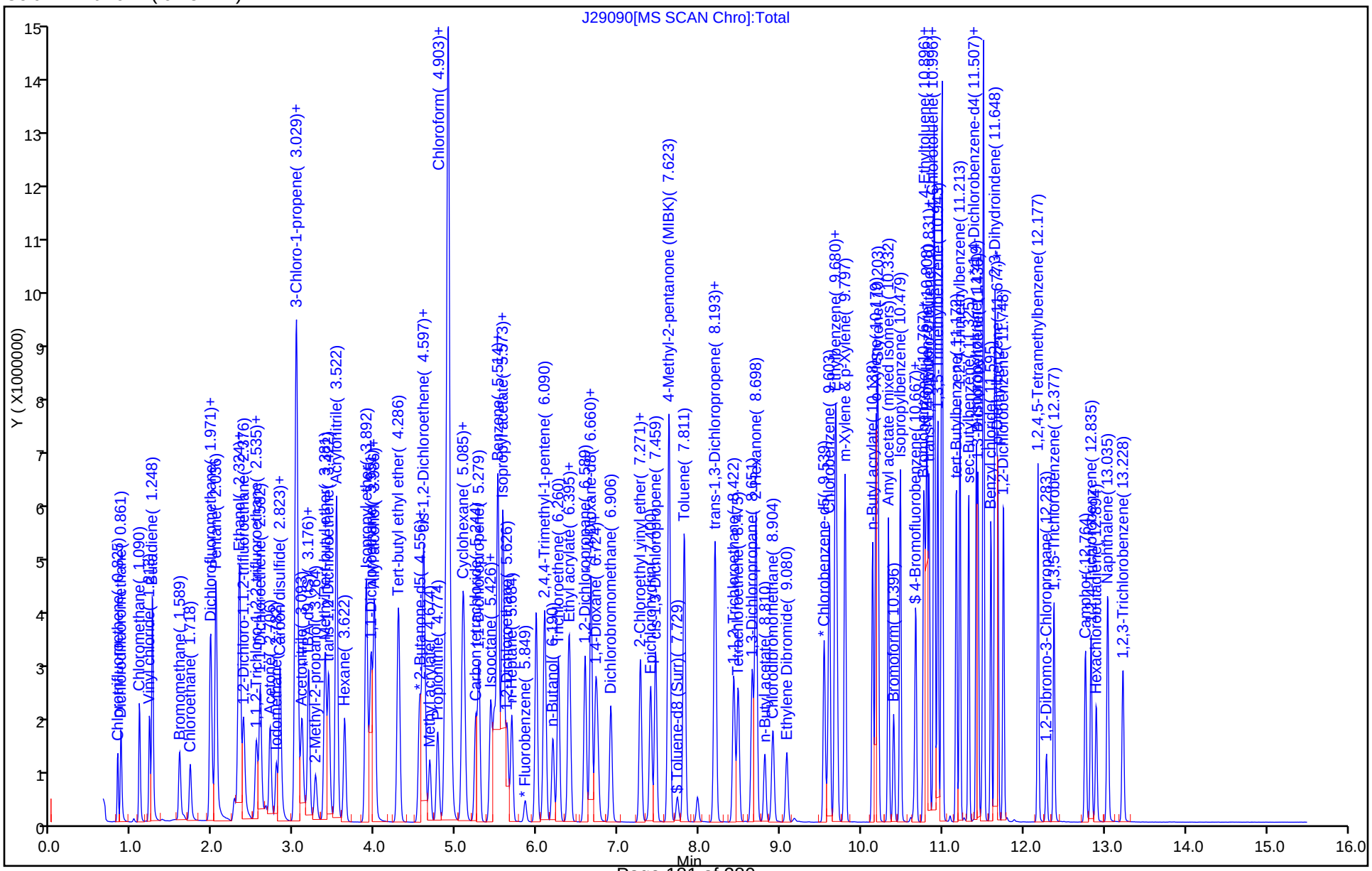
Report Date: 22-Jul-2015 15:34:55 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29090.D

Injection Date:	21-Jul-2015 13:28:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29093.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 21-Jul-2015 14:47:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0029885-011
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:34:59 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: baronm Date: 22-Jul-2015 13:01:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.159	3.164	-0.006	80	186967	1000.0	1000.0	
31 Acrylonitrile	53	3.517	3.517	0.000	36	2864	2.00	2.31	M
* 39 2-Butanone-d5	46	4.533	4.527	0.006	85	249959	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.115	0.000	96	86706	50.0	50.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	96	117156	50.0	50.3	
* 63 Fluorobenzene	96	5.849	5.849	0.000	97	378525	50.0	50.0	
* 70 1,4-Dioxane-d8	96	6.643	6.648	-0.005	93	23663	1000.0	1000.0	
78 Epichlorohydrin	57	7.401	7.394	0.007	5	1388	5.00	4.60	
$ 81 Toluene-d8 (Surr)	98	7.724	7.723	0.001	99	358892	50.0	49.0	
* 92 Chlorobenzene-d5	117	9.569	9.568	0.001	87	276344	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.649	0.001	86	87302	50.0	47.9	
* 120 1,4-Dichlorobenzene-d4	152	11.490	11.484	0.006	96	119324	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

GAS Hi_00105	Amount Added:	0.00	Units: uL	
MIX I Hi_00044	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00032	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00016	Amount Added:	0.00	Units: uL	
ACROLEIN W_00040	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00012	Amount Added:	2.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

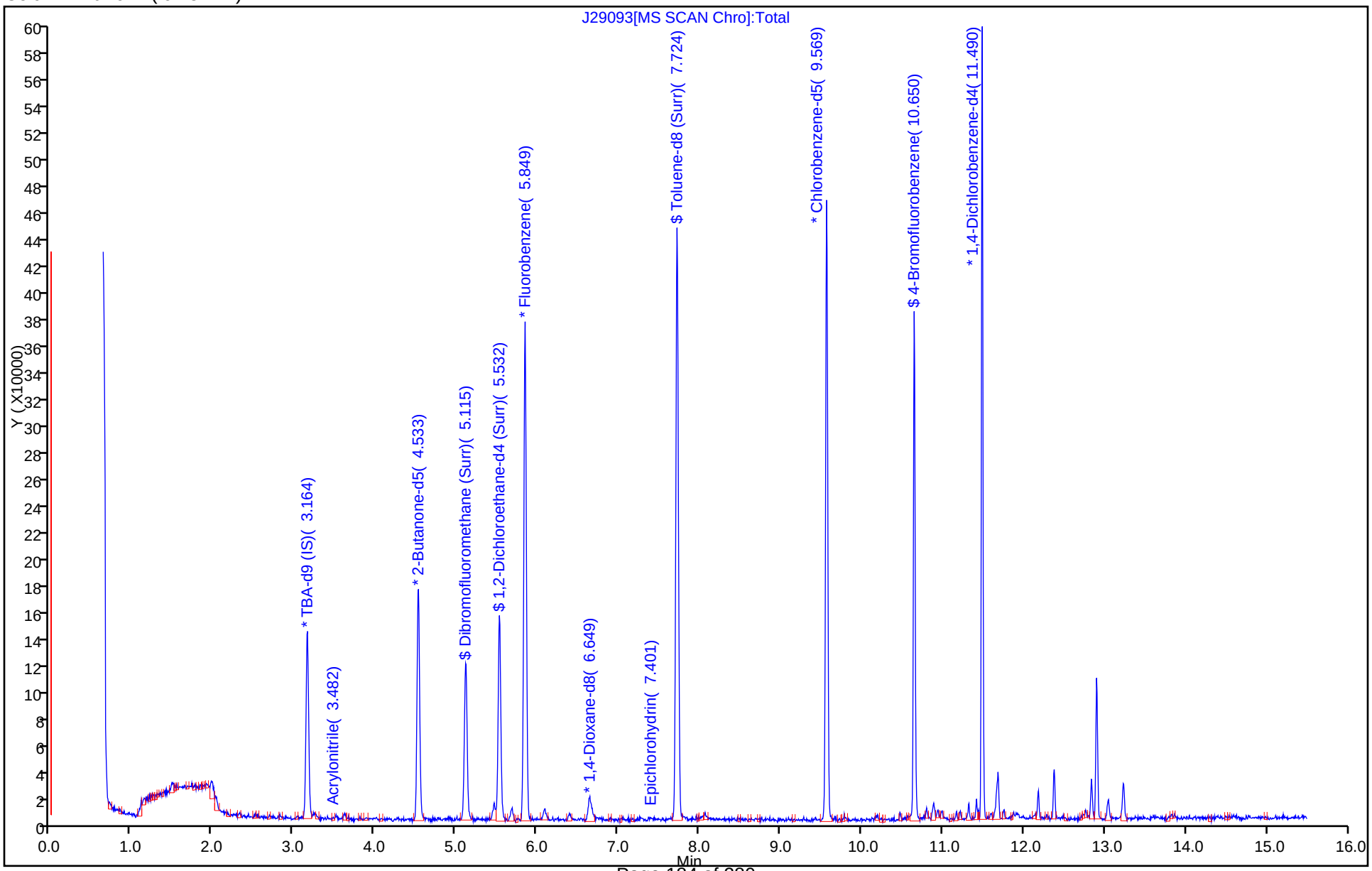
Report Date: 22-Jul-2015 15:35:02 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29093.D

Injection Date:	21-Jul-2015 14:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

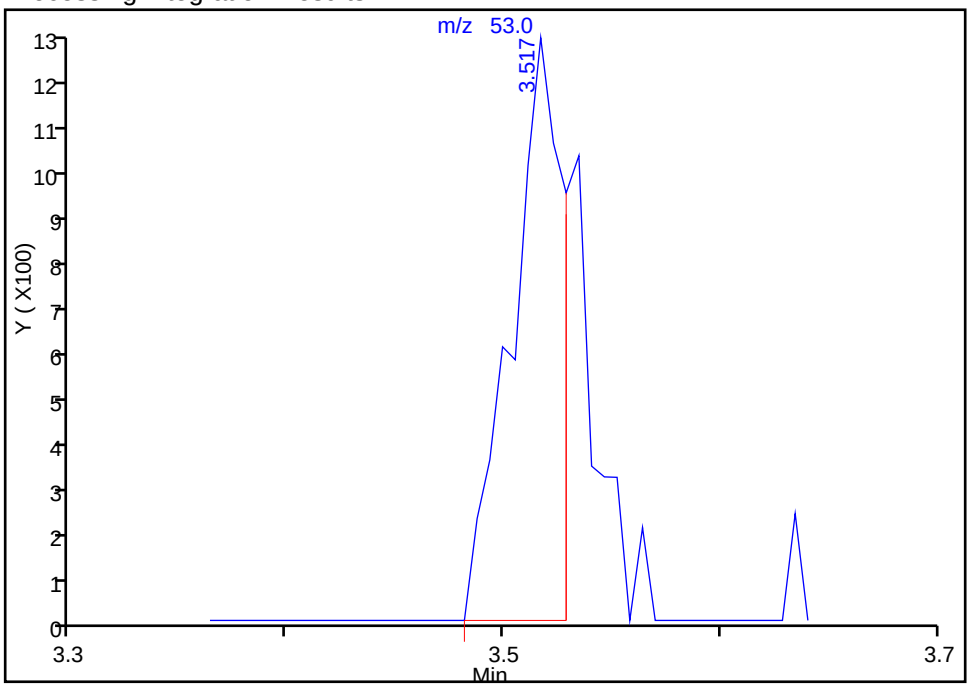
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29093.D
Injection Date: 21-Jul-2015 14:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acrylonitrile, CAS: 107-13-1

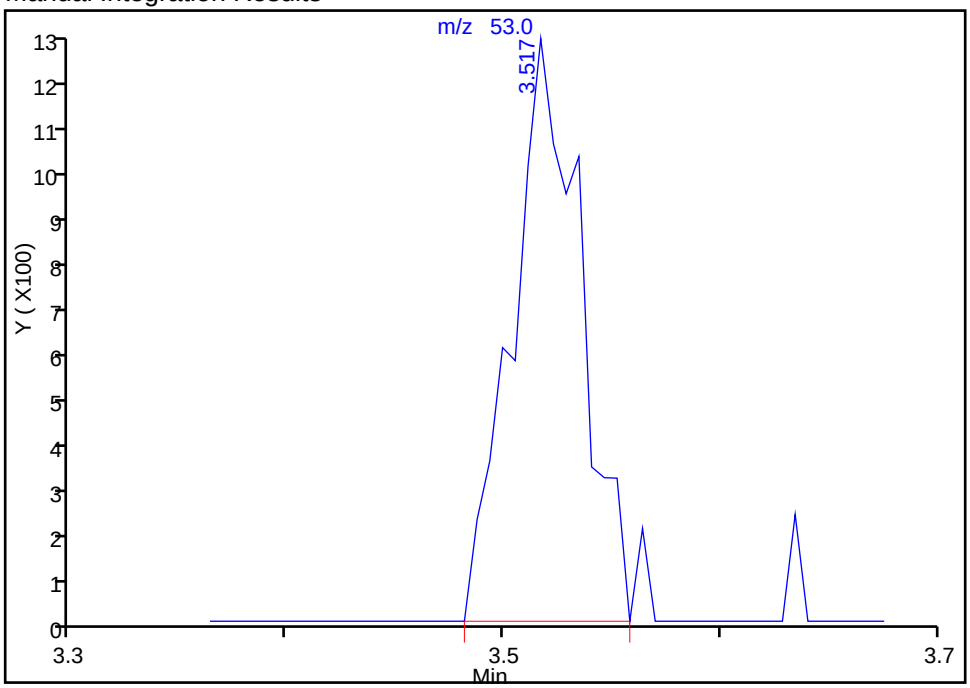
Processing Integration Results

RT: 3.52
Area: 2152
Amount: 1.812241
Amount Units: ug/l



Manual Integration Results

RT: 3.52
Area: 2864
Amount: 2.312778
Amount Units: ug/l



Reviewer: baronm, 22-Jul-2015 13:01:09
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jul-2015 18:18:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0029885-019
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 15:35:16 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: baronm Date: 22-Jul-2015 13:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.815	0.820	-0.005	28	293	1.00	0.8515	
2 Dichlorodifluoromethane	85	0.856	0.861	-0.005	55	2856	1.00	0.9496	
3 Chloromethane	50	1.085	1.084	0.001	97	4061	1.00	0.9867	
4 Vinyl chloride	62	1.208	1.213	-0.005	95	3312	1.00	0.8725	
5 Butadiene	54	1.250	1.249	0.001	0	4351	1.00	1.15	
6 Bromomethane	94	1.590	1.584	0.006	27	2443	1.00	1.29	
7 Chloroethane	64	1.720	1.713	0.007	54	2353	1.00	1.04	
8 Dichlorofluoromethane	67	1.960	1.960	0.000	94	4487	1.00	0.8877	
9 Trichlorofluoromethane	101	1.966	1.971	-0.005	68	3168	1.00	0.8630	
10 Pentane	72	2.037	2.030	0.007	88	655	2.00	1.79	
11 Ethanol	46	2.254	2.259	-0.005	19	635	40.0	41.0	
12 Ethyl ether	59	2.301	2.306	-0.005	94	2521	1.00	1.00	
13 2-Methyl-1,3-butadiene	53	2.331	2.330	0.001	83	2605	1.00	0.9513	
14 1,2-Dichloro-1,1,2-trifluo	117	2.378	2.377	0.001	8	1831	1.00	0.9422	
15 1,1,2-Trichloro-1,2,2-trif	101	2.519	2.524	-0.005	26	996	1.00	0.9746	
16 Acrolein	56	2.536	2.535	0.001	1	471	4.00	3.96	M
17 1,1-Dichloroethene	96	2.583	2.577	0.006	88	2562	1.00	1.05	
18 Acetone	43	2.695	2.700	-0.005	84	7804	5.00	5.99	
19 Iodomethane	142	2.771	2.776	-0.005	79	2138	1.00	0.7495	
20 Carbon disulfide	76	2.818	2.817	0.001	98	8856	1.00	1.00	
21 Isopropyl alcohol	45	2.830	2.829	0.001	42	2943	10.0	9.69	
22 3-Chloro-1-propene	76	3.006	3.005	0.001	75	1689	1.00	1.06	
23 Methyl acetate	43	3.018	3.023	-0.005	99	19131	5.00	5.37	
24 Cyclopentene	67	3.036	3.035	0.001	53	7903	1.00	1.01	
25 Acetonitrile	41	3.089	3.094	-0.005	82	4619	10.0	9.04	
* 26 TBA-d9 (IS)	65	3.165	3.164	0.001	81	186967	1000.0	1000.0	
27 Methylene Chloride	84	3.177	3.176	0.001	37	3789	1.00	1.27	
28 2-Methyl-2-propanol	59	3.253	3.258	-0.005	88	8192	10.0	9.81	
29 Methyl tert-butyl ether	73	3.376	3.382	-0.006	93	7901	1.00	0.99	
30 trans-1,2-Dichloroethene	96	3.423	3.423	0.000	90	3172	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.512	3.517	-0.005	92	12571	10.0	10.2	
32 Hexane	57	3.617	3.622	-0.005	0	1495	1.00	0.6668	
33 Isopropyl ether	45	3.893	3.887	0.006	97	11323	1.00	1.02	
34 1,1-Dichloroethane	63	3.935	3.940	-0.005	44	5329	1.00	0.9880	
35 Vinyl acetate	43	3.952	3.951	0.001	98	6352	2.00	2.02	
36 Allyl alcohol	57	3.970	3.969	0.001	3	1600	25.0	29.3	
37 2-Chloro-1,3-butadiene	88	3.999	3.993	0.006	25	2067	1.00	0.8896	
38 Tert-butyl ethyl ether	59	4.287	4.286	0.001	91	10260	1.00	1.06	
* 39 2-Butanone-d5	46	4.528	4.527	0.001	85	260023	250.0	250.0	
40 2,2-Dichloropropane	97	4.546	4.551	-0.005	45	2017	1.00	1.01	
41 cis-1,2-Dichloroethene	96	4.581	4.586	-0.005	75	3476	1.00	1.13	
43 Ethyl acetate	43	4.599	4.598	0.001	81	13261	2.00	2.35	
42 2-Butanone (MEK)	72	4.593	4.604	-0.011	97	2061	5.00	5.50	
44 Methyl acrylate	55	4.669	4.668	0.001	60	3835	1.00	1.21	
45 Propionitrile	54	4.763	4.762	0.001	96	5844	10.0	11.7	
47 Tetrahydrofuran	72	4.857	4.856	0.001	28	860	2.00	2.22	
46 Chlorobromomethane	128	4.851	4.862	-0.011	27	1012	1.00	0.8081	
48 Methacrylonitrile	67	4.892	4.886	0.006	94	13282	10.0	10.1	
49 Chloroform	83	4.933	4.927	0.006	57	5432	1.00	1.15	
50 Cyclohexane	56	5.074	5.074	0.000	38	3808	1.00	1.01	
51 1,1,1-Trichloroethane	97	5.098	5.091	0.007	35	3976	1.00	1.05	
$ 52 Dibromofluoromethane (Surr	113	5.116	5.115	0.001	96	91370	50.0	49.9	
53 Carbon tetrachloride	117	5.251	5.238	0.013	39	2399	1.00	0.8231	
54 1,1-Dichloropropene	75	5.280	5.273	0.007	90	2899	1.00	0.8646	
55 Isobutyl alcohol	43	5.415	5.414	0.001	42	4673	25.0	27.4	
56 Isooctane	57	5.462	5.461	0.001	75	6714	1.00	1.18	
57 Benzene	78	5.515	5.514	0.001	96	10920	1.00	0.9895	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.533	5.532	0.001	95	120235	50.0	48.9	
60 Isopropyl acetate	43	5.568	5.567	0.001	87	8546	1.00	0.9227	
59 Tert-amyl methyl ether	73	5.574	5.579	-0.005	83	8644	1.00	1.00	
61 1,2-Dichloroethane	62	5.621	5.620	0.001	97	3698	1.00	1.00	
62 n-Heptane	57	5.668	5.673	-0.005	11	1169	1.00	1.00	
* 63 Fluorobenzene	96	5.850	5.849	0.001	97	399569	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.085	6.084	0.001	94	7623	2.00	1.84	
65 n-Butanol	56	6.179	6.190	-0.011	58	3081	25.0	34.2	
66 Trichloroethene	95	6.261	6.260	0.001	89	2267	1.00	0.8795	
67 Ethyl acrylate	55	6.373	6.384	-0.011	93	5517	1.00	0.8804	
68 Methylcyclohexane	83	6.396	6.396	0.000	39	2347	1.00	0.8918	
69 1,2-Dichloropropane	63	6.590	6.584	0.006	77	3352	1.00	1.05	
* 70 1,4-Dioxane-d8	96	6.643	6.648	-0.005	85	22457	1000.0	1000.0	
71 Methyl methacrylate	100	6.655	6.660	-0.005	69	1061	2.00	1.33	
72 1,4-Dioxane	88	6.708	6.707	0.001	80	1438	50.0	49.6	
73 n-Propyl acetate	43	6.714	6.719	-0.005	85	5251	1.00	1.01	
74 Dibromomethane	93	6.731	6.742	-0.011	51	1689	1.00	1.04	
75 Dichlorobromomethane	83	6.902	6.907	-0.005	95	4691	1.00	1.20	
77 2-Chloroethyl vinyl ether	63	7.266	7.265	0.001	67	1894	1.00	0.8726	
76 2-Nitropropane	41	7.278	7.271	0.007	79	3015	2.00	1.96	M
78 Epichlorohydrin	57	7.389	7.394	-0.005	98	7078	20.0	22.6	
79 cis-1,3-Dichloropropene	75	7.460	7.453	0.007	94	4843	1.00	1.02	
80 4-Methyl-2-pentanone (MIBK	43	7.619	7.618	0.001	96	16671	5.00	5.29	
$ 81 Toluene-d8 (Surr)	98	7.724	7.723	0.001	99	383577	50.0	50.3	
82 Toluene	91	7.812	7.812	0.000	95	11400	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.183	8.188	-0.005	86	3919	1.00	0.9578	
84 Ethyl methacrylate	69	8.194	8.194	0.000	79	5022	1.00	1.24	
85 1,1,2-Trichloroethane	83	8.418	8.417	0.001	87	3069	1.00	1.33	
86 Tetrachloroethene	166	8.476	8.481	-0.005	85	1727	1.00	0.8801	
87 1,3-Dichloropropane	76	8.647	8.652	-0.005	27	4367	1.00	1.00	
89 2-Hexanone	58	8.694	8.693	0.001	98	6834	5.00	5.56	
88 n-Butyl acetate	43	8.811	8.805	0.006	95	3373	1.00	1.21	
90 Chlorodibromomethane	129	8.899	8.904	-0.005	35	2419	1.00	0.9633	
91 Ethylene Dibromide	107	9.076	9.075	0.001	97	2418	1.00	1.00	
* 92 Chlorobenzene-d5	117	9.569	9.568	0.001	88	287358	50.0	50.0	
93 Chlorobenzene	112	9.604	9.598	0.006	92	5989	1.00	0.9240	
94 Ethylbenzene	106	9.669	9.674	-0.005	97	2846	1.00	0.8889	
95 1,1,1,2-Tetrachloroethane	131	9.693	9.692	0.001	86	2228	1.00	0.9714	
96 m-Xylene & p-Xylene	106	9.792	9.798	-0.006	94	3263	1.00	0.8232	
97 n-Butyl acrylate	73	10.133	10.138	-0.005	97	2761	1.00	1.15	
98 o-Xylene	106	10.174	10.174	0.000	92	3340	1.00	0.8515	
99 Styrene	104	10.204	10.203	0.001	96	7046	1.00	0.9471	
100 Amyl acetate (mixed isomer	43	10.327	10.332	-0.005	89	5994	1.00	1.08	
101 Bromoform	173	10.392	10.397	-0.005	44	1643	1.00	0.9885	
102 Isopropylbenzene	105	10.474	10.479	-0.005	96	6335	1.00	0.7752	
$ 103 4-Bromofluorobenzene	174	10.650	10.649	0.001	86	92635	50.0	48.9	
104 Camphene	41	10.668	10.667	0.001	54	1117	1.00	1.01	
105 Bromobenzene	156	10.768	10.767	0.001	95	2163	1.00	0.8964	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.785	0.000	40	3928	1.00	1.20	
107 N-Propylbenzene	91	10.803	10.802	0.001	98	8163	1.00	0.8949	
108 1,2,3-Trichloropropane	110	10.827	10.832	-0.005	92	802	1.00	0.9220	
109 trans-1,4-Dichloro-2-buten	53	10.838	10.832	0.006	77	932	1.00	0.8795	
110 4-Ethyltoluene	105	10.891	10.890	0.001	98	9555	1.00	1.14	
111 2-Chlorotoluene	91	10.897	10.896	0.001	97	6288	1.00	0.8878	
112 1,3,5-Trimethylbenzene	105	10.938	10.937	0.001	96	5501	1.00	0.8506	
113 4-Chlorotoluene	91	10.985	10.984	0.001	96	7038	1.00	1.03	
114 Butyl Methacrylate	87	10.997	10.996	0.001	88	3652	1.00	0.99	
115 tert-Butylbenzene	119	11.167	11.167	0.001	90	4184	1.00	0.8543	
116 1,2,4-Trimethylbenzene	105	11.208	11.214	-0.006	95	6227	1.00	0.8962	
117 sec-Butylbenzene	105	11.320	11.319	0.001	98	6932	1.00	0.9814	
118 4-Isopropyltoluene	119	11.414	11.413	0.001	93	5265	1.00	0.8659	
119 1,3-Dichlorobenzene	146	11.438	11.437	0.001	11	3857	1.00	0.9693	
* 120 1,4-Dichlorobenzene-d4	152	11.485	11.484	0.001	97	125102	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.502	11.501	0.001	36	4502	1.00	1.06	
122 Benzyl chloride	91	11.590	11.590	0.000	98	8083	1.00	1.14	
123 2,3-Dihydroindene	117	11.643	11.642	0.001	92	9566	1.00	1.07	
124 p-Diethylbenzene	119	11.661	11.660	0.001	74	5155	1.00	1.17	
125 n-Butylbenzene	91	11.678	11.678	0.000	74	7641	1.00	1.08	
126 1,2-Dichlorobenzene	146	11.749	11.748	0.001	92	4059	1.00	1.00	
127 1,2,4,5-Tetramethylbenzene	119	12.178	12.171	0.007	96	6877	1.00	1.10	
128 1,2-Dibromo-3-Chloropropan	75	12.272	12.283	-0.011	79	660	1.00	1.11	
129 1,3,5-Trichlorobenzene	180	12.372	12.371	0.001	89	2603	1.00	1.10	
130 Camphor	95	12.760	12.759	0.001	87	1623	5.00	5.20	
131 1,2,4-Trichlorobenzene	180	12.824	12.829	-0.005	86	2194	1.00	1.03	
132 Hexachlorobutadiene	225	12.901	12.894	0.007	84	1501	1.00	0.9762	
133 Naphthalene	128	13.036	13.035	0.001	97	6575	1.00	0.9805	
134 1,2,3-Trichlorobenzene	180	13.218	13.223	-0.005	89	1821	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.27	
S 136 Xylenes, Total	100				0		2.00	1.67	
S 137 Total BTEX	1				0		5.00	4.59	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00105	Amount Added:	1.00	Units: uL		
MIX I Hi_00044	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00032	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00016	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
14DIOXINTER_00036	Amount Added:	30.00	Units: uL		
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 22-Jul-2015 15:35:17 Chrom Revision: 2.2 09-Jul-2015 10:16:20

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Injection Date: 21-Jul-2015 18:18:30 Instrument ID: CVOAMS8 Operator ID:

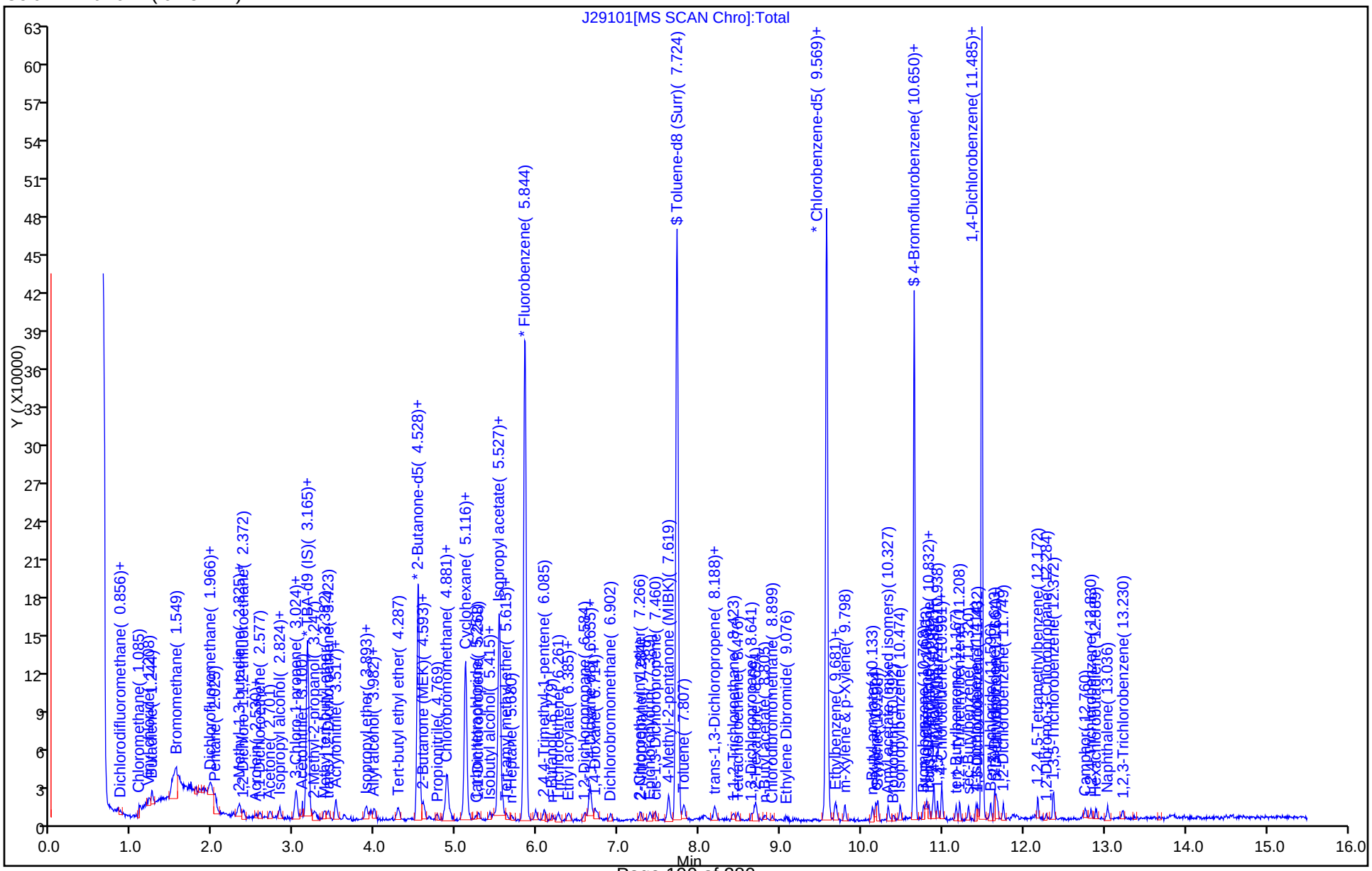
Lims ID: STD1 Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

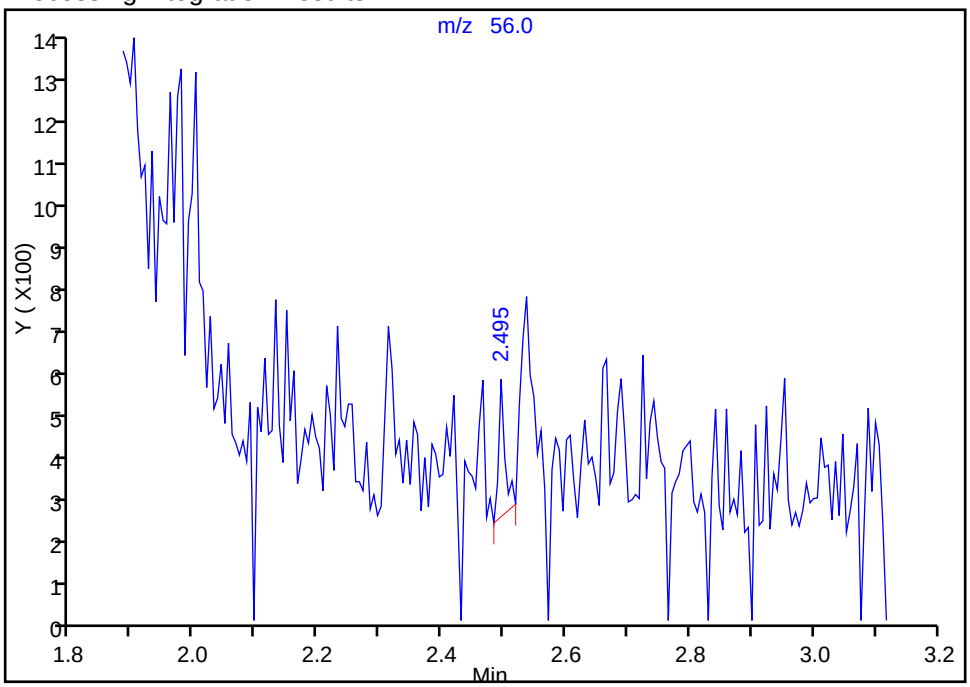
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D
Injection Date: 21-Jul-2015 18:18:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

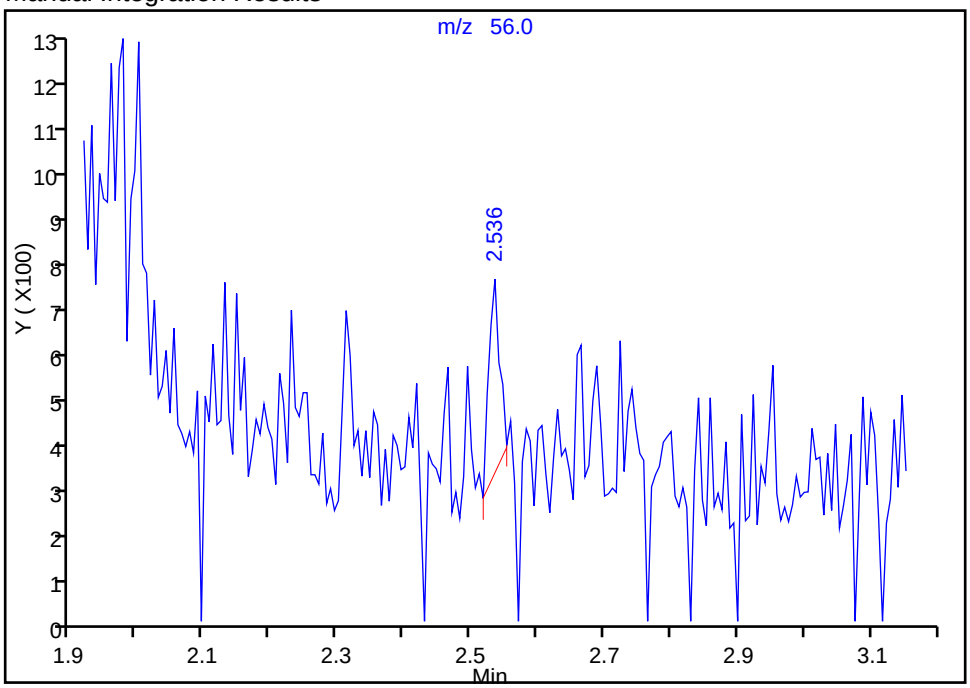
Processing Integration Results

RT: 2.50
Area: 219
Amount: 1.703876
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 471
Amount: 3.964428
Amount Units: ug/l



Reviewer: boykink, 21-Jul-2015 22:23:21
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

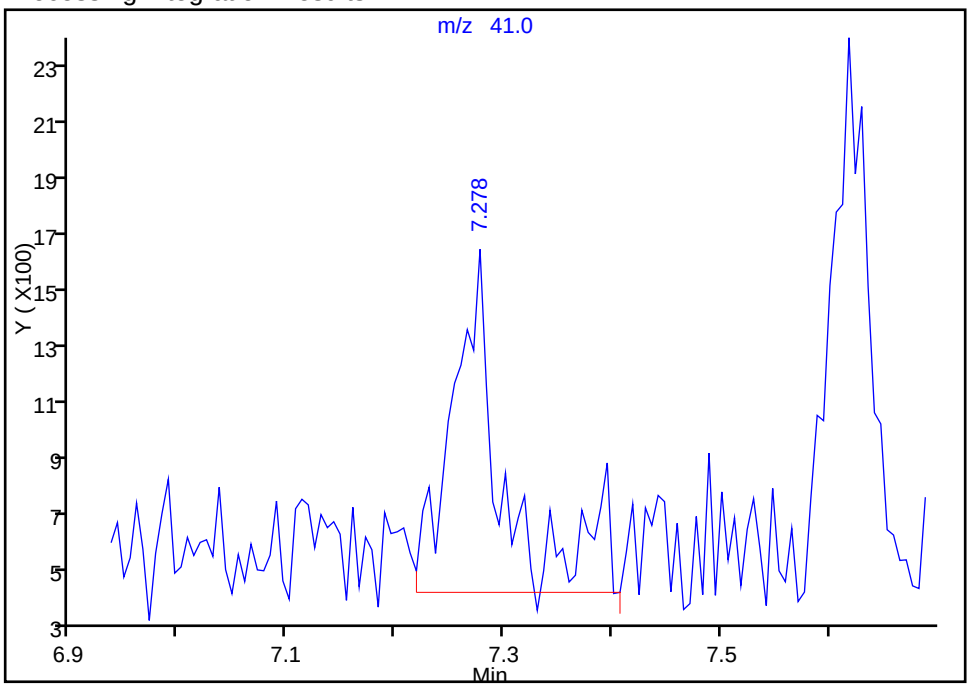
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D
Injection Date: 21-Jul-2015 18:18:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 2-Nitropropane, CAS: 79-46-9

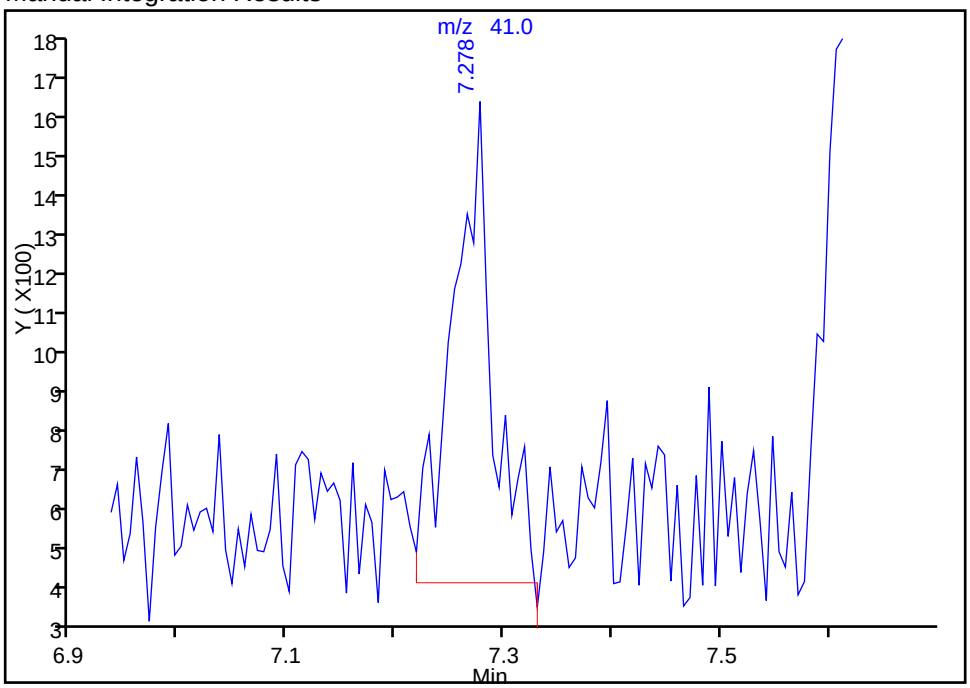
Processing Integration Results

RT: 7.28
Area: 3740
Amount: 4.098647
Amount Units: ug/l



Manual Integration Results

RT: 7.28
Area: 3015
Amount: 1.957418
Amount Units: ug/l



Reviewer: baronm, 22-Jul-2015 13:17:03
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-314889/3 Calibration Date: 08/06/2015 05:44

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0431	0.0508		23.6	20.0	17.9	20.0
Dichlorodifluoromethane	Ave	0.3763	0.3367	0.1000	17.9	20.0	-10.5	20.0
Chloromethane	Ave	0.5150	0.4804	0.1000	18.7	20.0	-6.7	20.0
Vinyl chloride	Ave	0.4750	0.4557	0.1000	19.2	20.0	-4.1	20.0
Butadiene	Ave	0.4715	0.4182		17.7	20.0	-11.3	20.0
Bromomethane	Ave	0.2366	0.2054	0.1000	17.4	20.0	-13.2	50.0
Chloroethane	Ave	0.2836	0.2939	0.1000	20.7	20.0	3.6	50.0
Dichlorofluoromethane	Ave	0.6325	0.7190		22.7	20.0	13.7	20.0
Trichlorofluoromethane	Ave	0.4594	0.5163	0.1000	22.5	20.0	12.4	20.0
Pentane	Ave	1.959	2.295		46.9	40.0	17.1	20.0
Ethanol	Ave	0.0828	0.0547		528	800	-34.0	50.0
Ethyl ether	Ave	0.3152	0.3389		21.5	20.0	7.5	20.0
2-Methyl-1,3-butadiene	Ave	0.3427	0.3717		21.7	20.0	8.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2432	0.2461		20.2	20.0	1.2	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Qua2		0.2701	0.1000	19.8	20.0	-0.8	20.0
Acrolein	Ave	0.6354	0.6689		42.1	40.0	5.3	50.0
1,1-Dichloroethene	Ave	0.3048	0.2976	0.1000	19.5	20.0	-2.4	20.0
Acetone	Ave	1.252	0.8940	0.0500	71.4	100	-28.6	50.0
Iodomethane	Ave	0.3569	0.3151		17.7	20.0	-11.7	20.0
Carbon disulfide	Ave	1.111	1.169	0.1000	21.0	20.0	5.2	50.0
Isopropyl alcohol	Lin2		0.9454		177	200	-11.4	50.0
Allyl chloride	Ave	0.2002	0.2043		20.4	20.0	2.1	20.0
Methyl acetate	Ave	0.4460	0.4898	0.1000	110	100	9.8	20.0
Cyclopentene	Ave	0.9756	1.032		21.2	20.0	5.8	20.0
Acetonitrile	Ave	2.732	3.391		248	200	24.1*	20.0
Methylene Chloride	Ave	0.3746	0.3704	0.1000	19.8	20.0	-1.1	20.0
2-Methyl-2-propanol	Lin2		1.395		178	200	-11.0	50.0
Methyl tert-butyl ether	Ave	0.997	1.083	0.1000	21.7	20.0	8.6	20.0
trans-1,2-Dichloroethene	Ave	0.3499	0.3337	0.1000	19.1	20.0	-4.6	20.0
Acrylonitrile	Ave	6.623	7.911		239	200	19.4	20.0
Hexane	QuaF		0.3158		22.6	20.0	13.1	20.0
Isopropyl ether	Ave	1.392	1.561		22.4	20.0	12.2	20.0
1,1-Dichloroethane	Ave	0.6750	0.7585	0.2000	22.5	20.0	12.4	20.0
Vinyl acetate	Ave	0.3941	0.1621		16.5	40.0	-58.9*	20.0
Allyl alcohol	Ave	0.2924	0.1616		276	500	-44.7	50.0
2-Chloro-1,3-butadiene	Ave	0.2908	0.3118		21.4	20.0	7.2	20.0
Tert-butyl ethyl ether	Ave	1.212	1.295		21.4	20.0	6.8	20.0
2,2-Dichloropropane	Lin2		0.1233		20.9	20.0	4.6	20.0
cis-1,2-Dichloroethene	Ave	0.3839	0.3875	0.1000	20.2	20.0	0.9	20.0
2-Butanone (MEK)	Ave	0.3604	0.3036	0.0500	84.2	100	-15.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-314889/3 Calibration Date: 08/06/2015 05:44

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	5.433	5.839		43.0	40.0	7.5	20.0
Methyl acrylate	Ave	0.3978	0.3997		20.1	20.0	0.5	20.0
Propionitrile	Ave	2.673	3.022		226	200	13.1	20.0
Tetrahydrofuran	Ave	0.3719	0.3018		32.5	40.0	-18.8	20.0
Chlorobromomethane	Ave	0.1567	0.1540		19.7	20.0	-1.7	20.0
Methacrylonitrile	Ave	0.1643	0.1780		217	200	8.3	20.0
Chloroform	Ave	0.5909	0.6344	0.2000	21.5	20.0	7.4	20.0
Cyclohexane	Ave	0.4734	0.5283	0.1000	22.3	20.0	11.6	50.0
1,1,1-Trichloroethane	Ave	0.4735	0.4754	0.1000	20.1	20.0	0.4	20.0
Carbon tetrachloride	Ave	0.3647	0.3095	0.1000	17.0	20.0	-15.1	20.0
1,1-Dichloropropene	Ave	0.4196	0.4622		22.0	20.0	10.1	20.0
Isobutyl alcohol	Ave	0.9123	0.6527		358	500	-28.5	50.0
2,2,4-Trimethylpentane	Ave	0.7109	0.7061		19.9	20.0	-0.7	20.0
Benzene	Ave	1.920	2.008	0.5000	20.9	20.0	4.6	20.0
Isopropyl acetate	Ave	1.159	1.371		23.7	20.0	18.3	20.0
Tert-amyl methyl ether	Ave	1.079	1.113		20.6	20.0	3.2	20.0
1,2-Dichloroethane	Ave	0.4648	0.5458	0.1000	23.5	20.0	17.4	20.0
n-Heptane	Ave	0.1463	0.1570		21.5	20.0	7.3	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.5184	0.5825		44.9	40.0	12.4	20.0
n-Butanol	Ave	0.4814	0.3114		323	500	-35.3	50.0
Trichloroethene	Ave	0.3225	0.3408	0.2000	21.1	20.0	5.7	20.0
Ethyl acrylate	Ave	0.7842	0.8578		21.9	20.0	9.4	20.0
Methylcyclohexane	Ave	0.3293	0.3508	0.1000	21.3	20.0	6.5	50.0
1,2-Dichloropropane	Ave	0.4013	0.4213	0.1000	21.0	20.0	5.0	20.0
Methyl methacrylate	Ave	0.0999	0.0949		38.0	40.0	-5.0	20.0
1,4-Dioxane	Ave	1.291	1.030		319	400	-20.2	50.0
n-Propyl acetate	Ave	0.6510	0.6918		21.3	20.0	6.3	20.0
Dibromomethane	Ave	0.2038	0.2173		21.3	20.0	6.6	20.0
Dichlorobromomethane	Ave	0.4879	0.4398	0.2000	18.0	20.0	-9.9	20.0
2-Chloroethyl vinyl ether	Ave	0.2716	0.2793		20.6	20.0	2.8	20.0
2-Nitropropane	Lin2		0.0585		18.9	40.0	-52.6*	20.0
Epichlorohydrin	Ave	0.3016	0.2813		373	400	-6.7	20.0
cis-1,3-Dichloropropene	Ave	0.8288	0.8077	0.2000	19.5	20.0	-2.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.029	3.053	0.0500	101	100	0.8	50.0
Toluene	Ave	1.909	1.937	0.4000	20.3	20.0	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.7120	0.6983	0.1000	19.6	20.0	-1.9	50.0
Ethyl methacrylate	Ave	0.5083	0.4638		18.2	20.0	-8.8	20.0
1,1,2-Trichloroethane	Ave	0.4021	0.3726	0.1000	18.5	20.0	-7.3	20.0
Tetrachloroethene	Ave	0.3414	0.3227	0.2000	18.9	20.0	-5.5	20.0
1,3-Dichloropropane	Ave	0.7633	0.8015		21.0	20.0	5.0	20.0
2-Hexanone	Ave	1.181	0.998	0.0500	84.5	100	-15.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-314889/3 Calibration Date: 08/06/2015 05:44

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4836	0.7600		31.4	20.0	57.2*	20.0
Chlorodibromomethane	Ave	0.4369	0.3132	0.1000	14.3	20.0	-28.3	50.0
Ethylene Dibromide	Ave	0.4213	0.3918	0.1000	18.6	20.0	-7.0	20.0
Chlorobenzene	Ave	1.128	1.104	0.5000	19.6	20.0	-2.1	20.0
Ethylbenzene	Ave	0.5571	0.5546	0.1000	19.9	20.0	-0.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3991	0.3202		16.0	20.0	-19.8	20.0
m-Xylene & p-Xylene	Ave	0.6897	0.6759	0.1000	19.6	20.0	-2.0	20.0
n-Butyl acrylate	Ave	0.4165	0.3073		14.8	20.0	-26.2*	20.0
o-Xylene	Ave	0.6825	0.6824	0.3000	20.0	20.0	-0.0	20.0
Styrene	Ave	1.295	1.242	0.3000	19.2	20.0	-4.1	20.0
Amyl acetate (mixed isomers)	Ave	2.212	2.151		19.4	20.0	-2.8	20.0
Bromoform	Ave	0.2892	0.1663	0.1000	11.5	20.0	-42.5*	20.0
Isopropylbenzene	Ave	1.422	1.484	0.1000	20.9	20.0	4.3	20.0
Camphene	Qua2		0.1408		23.6	20.0	17.8	20.0
Bromobenzene	Ave	0.9644	0.9360		19.4	20.0	-3.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.314	1.333	0.3000	20.3	20.0	1.5	20.0
N-Propylbenzene	Ave	3.646	4.126		22.6	20.0	13.2	20.0
1,2,3-Trichloropropane	Ave	0.3476	0.3655		21.0	20.0	5.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4235	0.4446		21.0	20.0	5.0	20.0
4-Ethyltoluene	Ave	3.359	3.335		19.9	20.0	-0.7	20.0
2-Chlorotoluene	Ave	2.831	3.096		21.9	20.0	9.4	20.0
1,3,5-Trimethylbenzene	Ave	2.585	2.823		21.8	20.0	9.2	20.0
4-Chlorotoluene	Ave	2.725	2.847		20.9	20.0	4.5	20.0
Butyl Methacrylate	Ave	1.474	1.226		16.6	20.0	-16.8	20.0
tert-Butylbenzene	Ave	1.957	2.014		20.6	20.0	2.9	20.0
1,2,4-Trimethylbenzene	Ave	2.777	3.009		21.7	20.0	8.4	20.0
sec-Butylbenzene	Ave	2.823	2.938		20.8	20.0	4.1	20.0
4-Isopropyltoluene	Ave	2.430	2.454		20.2	20.0	1.0	20.0
1,3-Dichlorobenzene	Ave	1.590	1.631	0.6000	20.5	20.0	2.6	20.0
1,4-Dichlorobenzene	Ave	1.702	1.675	0.5000	19.7	20.0	-1.6	20.0
Benzyl chloride	Ave	2.822	2.197		15.6	20.0	-22.1	50.0
Indan	Ave	3.562	3.608		20.3	20.0	1.3	20.0
p-Diethylbenzene	Ave	1.756	1.667		19.0	20.0	-5.1	20.0
n-Butylbenzene	Ave	2.833	2.978		21.0	20.0	5.1	20.0
1,2-Dichlorobenzene	Ave	1.630	1.626	0.4000	20.0	20.0	-0.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.502	2.355		18.8	20.0	-5.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2372	0.1932	0.0500	16.3	20.0	-18.6	50.0
1,3,5-Trichlorobenzene	Ave	0.9447	0.8392		17.8	20.0	-11.2	20.0
Camphor	Ave	0.1248	0.1098		88.0	100	-12.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8485	0.7159	0.2000	16.9	20.0	-15.6	20.0
Hexachlorobutadiene	Lin2		0.3098		19.1	20.0	-4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-314889/3 Calibration Date: 08/06/2015 05:44

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.680	2.465		18.4	20.0	-8.0	50.0
1,2,3-Trichlorobenzene	Ave	0.7295	0.6452		17.7	20.0	-11.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2292	0.2254		49.2	50.0	-1.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3076	0.3318		53.9	50.0	7.9	20.0
Toluene-d8 (Surr)	Ave	1.326	1.183		44.6	50.0	-10.7	20.0
4-Bromofluorobenzene	Ave	0.3297	0.2846		43.2	50.0	-13.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29688.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-Aug-2015 05:44:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030444-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Aug-2015 14:45:43 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 06-Aug-2015 14:32:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.817	0.817	0.000	97	9701	20.0	23.6	
2 Dichlorodifluoromethane	85	0.858	0.858	0.000	99	64326	20.0	17.9	
3 Chloromethane	50	1.088	1.088	0.000	100	91785	20.0	18.7	
4 Vinyl chloride	62	1.211	1.211	0.000	97	87066	20.0	19.2	
5 Butadiene	54	1.252	1.252	0.000	0	79911	20.0	17.7	
6 Bromomethane	94	1.593	1.593	0.000	98	39248	20.0	17.4	
7 Chloroethane	64	1.722	1.722	0.000	99	56154	20.0	20.7	
8 Dichlorofluoromethane	67	1.963	1.963	0.000	98	137383	20.0	22.7	
9 Trichlorofluoromethane	101	1.975	1.975	0.000	99	98648	20.0	22.5	
10 Pentane	72	2.034	2.034	0.000	98	19068	40.0	46.9	
11 Ethanol	46	2.251	2.251	0.000	96	9090	800.0	528.4	
12 Ethyl ether	59	2.304	2.304	0.000	93	64755	20.0	21.5	
13 2-Methyl-1,3-butadiene	53	2.327	2.327	0.000	81	71028	20.0	21.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.380	2.380	0.000	98	47023	20.0	20.2	
15 1,1,2-Trichloro-1,2,2-trif	101	2.527	2.527	0.000	93	51612	20.0	19.8	
16 Acrolein	56	2.545	2.545	0.000	32	5558	40.0	42.1	
17 1,1-Dichloroethene	96	2.580	2.580	0.000	93	56858	20.0	19.5	
18 Acetone	43	2.703	2.703	0.000	85	129354	100.0	71.4	
19 Iodomethane	142	2.780	2.780	0.000	99	60211	20.0	17.7	
20 Carbon disulfide	76	2.821	2.821	0.000	100	223351	20.0	21.0	
21 Isopropyl alcohol	45	2.827	2.827	0.000	34	39276	200.0	177.1	
22 3-Chloro-1-propene	76	3.009	3.009	0.000	78	39042	20.0	20.4	
23 Methyl acetate	43	3.027	3.027	0.000	98	467898	100.0	109.8	
24 Cyclopentene	67	3.038	3.038	0.000	63	197270	20.0	21.2	
25 Acetonitrile	41	3.091	3.091	0.000	99	140887	200.0	248.2	
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	94	207729	1000.0	1000.0	
27 Methylene Chloride	84	3.173	3.173	0.000	95	70779	20.0	19.8	
28 2-Methyl-2-propanol	59	3.256	3.256	0.000	98	57957	200.0	178.1	
29 Methyl tert-butyl ether	73	3.379	3.379	0.000	97	206837	20.0	21.7	
30 trans-1,2-Dichloroethene	96	3.426	3.426	0.000	98	63754	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.514	3.514	0.000	93	328677	200.0	238.9	
32 Hexane	57	3.620	3.620	0.000	0	60339	20.0	22.6	
33 Isopropyl ether	45	3.890	3.890	0.000	97	298258	20.0	22.4	
34 1,1-Dichloroethane	63	3.937	3.937	0.000	99	144928	20.0	22.5	
35 Vinyl acetate	43	3.949	3.949	0.000	100	61941	40.0	16.5	
36 Allyl alcohol	57	3.972	3.972	0.000	39	16785	500.0	276.3	
37 2-Chloro-1,3-butadiene	88	3.996	3.996	0.000	95	59567	20.0	21.4	
38 Tert-butyl ethyl ether	59	4.284	4.284	0.000	88	247388	20.0	21.4	
* 39 2-Butanone-d5	46	4.531	4.531	0.000	97	361712	250.0	250.0	
40 2,2-Dichloropropane	97	4.542	4.542	0.000	66	23562	20.0	20.9	
41 cis-1,2-Dichloroethene	96	4.589	4.589	0.000	56	74031	20.0	20.2	
42 2-Butanone (MEK)	72	4.601	4.601	0.000	95	43926	100.0	84.2	
43 Ethyl acetate	43	4.601	4.601	0.000	95	337903	40.0	43.0	
44 Methyl acrylate	55	4.672	4.672	0.000	98	76375	20.0	20.1	
45 Propionitrile	54	4.760	4.760	0.000	98	125538	200.0	226.1	
47 Tetrahydrofuran	72	4.854	4.854	0.000	62	17468	40.0	32.5	
46 Chlorobromomethane	128	4.866	4.866	0.000	89	29422	20.0	19.7	
48 Methacrylonitrile	67	4.883	4.883	0.000	97	340115	200.0	216.6	
49 Chloroform	83	4.924	4.924	0.000	97	121220	20.0	21.5	
50 Cyclohexane	56	5.077	5.077	0.000	98	100938	20.0	22.3	
51 1,1,1-Trichloroethane	97	5.089	5.089	0.000	95	90842	20.0	20.1	
$ 52 Dibromofluoromethane (Surr	113	5.118	5.118	0.000	95	107686	50.0	49.2	
53 Carbon tetrachloride	117	5.236	5.236	0.000	97	59143	20.0	17.0	
54 1,1-Dichloropropene	75	5.277	5.277	0.000	91	88304	20.0	22.0	
55 Isobutyl alcohol	43	5.424	5.424	0.000	98	67791	500.0	357.7	
56 Isooctane	57	5.465	5.465	0.000	91	134910	20.0	19.9	
57 Benzene	78	5.512	5.512	0.000	98	288419	20.0	20.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.529	5.529	0.000	97	158479	50.0	53.9	
60 Isopropyl acetate	43	5.565	5.565	0.000	97	261984	20.0	23.7	
59 Tert-amyl methyl ether	73	5.576	5.576	0.000	93	212692	20.0	20.6	
61 1,2-Dichloroethane	62	5.618	5.618	0.000	96	104276	20.0	23.5	
62 n-Heptane	57	5.682	5.682	0.000	98	30005	20.0	21.5	
* 63 Fluorobenzene	96	5.847	5.847	0.000	98	477669	50.0	50.0	
67 Ethyl acrylate	55	6.387	6.387	0.000	96	163904	20.0	21.9	
64 2,4,4-Trimethyl-1-pentene	57	6.088	6.088	0.000	92	222598	40.0	44.9	
65 n-Butanol	56	6.188	6.188	0.000	94	32345	500.0	323.4	
66 Trichloroethene	95	6.252	6.252	0.000	92	65117	20.0	21.1	
68 Methylcyclohexane	83	6.393	6.393	0.000	76	67019	20.0	21.3	
69 1,2-Dichloropropane	63	6.587	6.587	0.000	87	80488	20.0	21.0	
* 70 1,4-Dioxane-d8	96	6.646	6.646	0.000	38	28924	1000.0	1000.0	
71 Methyl methacrylate	100	6.658	6.658	0.000	95	36271	40.0	38.0	
72 1,4-Dioxane	88	6.710	6.710	0.000	34	11921	400.0	319.2	
73 n-Propyl acetate	43	6.716	6.716	0.000	99	132174	20.0	21.3	
74 Dibromomethane	93	6.740	6.740	0.000	92	41524	20.0	21.3	
75 Dichlorobromomethane	83	6.910	6.910	0.000	97	84022	20.0	18.0	
77 2-Chloroethyl vinyl ether	63	7.269	7.269	0.000	83	53368	20.0	20.6	
76 2-Nitropropane	41	7.274	7.274	0.000	74	22345	40.0	18.9	
78 Epichlorohydrin	57	7.392	7.392	0.000	100	162819	400.0	373.1	
79 cis-1,3-Dichloropropene	75	7.457	7.457	0.000	98	116006	20.0	19.5	
80 4-Methyl-2-pentanone (MIBK	43	7.615	7.615	0.000	99	441762	100.0	100.8	
$ 81 Toluene-d8 (Surr)	98	7.727	7.727	0.000	94	424949	50.0	44.6	
82 Toluene	91	7.809	7.809	0.000	93	278144	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.185	8.185	0.000	93	100297	20.0	19.6	
84 Ethyl methacrylate	69	8.191	8.191	0.000	90	88611	20.0	18.2	
85 1,1,2-Trichloroethane	83	8.420	8.420	0.000	94	53521	20.0	18.5	
86 Tetrachloroethene	166	8.473	8.473	0.000	92	46347	20.0	18.9	
87 1,3-Dichloropropane	76	8.649	8.649	0.000	97	115123	20.0	21.0	
89 2-Hexanone	58	8.690	8.690	0.000	97	144394	100.0	84.5	
88 n-Butyl acetate	43	8.802	8.802	0.000	97	109163	20.0	31.4	
90 Chlorodibromomethane	129	8.896	8.896	0.000	96	44986	20.0	14.3	
91 Ethylene Dibromide	107	9.078	9.078	0.000	98	56277	20.0	18.6	
* 92 Chlorobenzene-d5	117	9.572	9.572	0.000	90	359078	50.0	50.0	
93 Chlorobenzene	112	9.601	9.601	0.000	92	158542	20.0	19.6	
94 Ethylbenzene	106	9.672	9.672	0.000	99	79656	20.0	19.9	
95 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.000	91	45995	20.0	16.0	
96 m-Xylene & p-Xylene	106	9.795	9.795	0.000	98	97076	20.0	19.6	
97 n-Butyl acrylate	73	10.136	10.136	0.000	95	44137	20.0	14.8	
98 o-Xylene	106	10.177	10.177	0.000	92	98009	20.0	20.0	
99 Styrene	104	10.200	10.200	0.000	96	178386	20.0	19.2	
100 Amyl acetate (mixed isomer	43	10.330	10.330	0.000	86	134386	20.0	19.4	
101 Bromoform	173	10.394	10.394	0.000	92	23885	20.0	11.5	
102 Isopropylbenzene	105	10.477	10.477	0.000	97	213107	20.0	20.9	
$ 103 4-Bromofluorobenzene	174	10.653	10.653	0.000	81	102182	50.0	43.2	
104 Camphene	41	10.671	10.671	0.000	96	20225	20.0	23.6	
105 Bromobenzene	156	10.765	10.765	0.000	92	58467	20.0	19.4	
106 1,1,2,2-Tetrachloroethane	83	10.782	10.782	0.000	98	83265	20.0	20.3	
107 N-Propylbenzene	91	10.806	10.806	0.000	98	257724	20.0	22.6	
108 1,2,3-Trichloropropane	110	10.823	10.823	0.000	96	22829	20.0	21.0	
109 trans-1,4-Dichloro-2-buten	53	10.835	10.835	0.000	76	27772	20.0	21.0	
110 4-Ethyltoluene	105	10.888	10.888	0.000	98	208303	20.0	19.9	
111 2-Chlorotoluene	91	10.900	10.900	0.000	97	193380	20.0	21.9	
112 1,3,5-Trimethylbenzene	105	10.941	10.941	0.000	92	176344	20.0	21.8	
113 4-Chlorotoluene	91	10.982	10.982	0.000	99	177866	20.0	20.9	
114 Butyl Methacrylate	87	10.994	10.994	0.000	99	76596	20.0	16.6	
115 tert-Butylbenzene	119	11.164	11.164	0.000	95	125805	20.0	20.6	
116 1,2,4-Trimethylbenzene	105	11.205	11.205	0.000	98	187958	20.0	21.7	
117 sec-Butylbenzene	105	11.317	11.317	0.000	98	183519	20.0	20.8	
118 4-Isopropyltoluene	119	11.405	11.405	0.000	97	153307	20.0	20.2	
119 1,3-Dichlorobenzene	146	11.428	11.428	0.000	93	101890	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	11.475	11.475	0.000	97	156164	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.493	11.493	0.000	91	104652	20.0	19.7	
122 Benzyl chloride	91	11.581	11.581	0.000	98	137250	20.0	15.6	
123 2,3-Dihydroindene	117	11.634	11.634	0.000	92	225371	20.0	20.3	
124 p-Diethylbenzene	119	11.652	11.652	0.000	91	104135	20.0	19.0	
125 n-Butylbenzene	91	11.669	11.669	0.000	97	186015	20.0	21.0	
126 1,2-Dichlorobenzene	146	11.740	11.740	0.000	92	101580	20.0	20.0	
127 1,2,4,5-Tetramethylbenzene	119	12.163	12.163	0.000	96	147098	20.0	18.8	
128 1,2-Dibromo-3-Chloropropan	75	12.263	12.263	0.000	85	12066	20.0	16.3	
129 1,3,5-Trichlorobenzene	180	12.363	12.363	0.000	94	52420	20.0	17.8	
130 Camphor	95	12.750	12.750	0.000	96	34305	100.0	88.0	
131 1,2,4-Trichlorobenzene	180	12.815	12.815	0.000	92	44718	20.0	16.9	
132 Hexachlorobutadiene	225	12.880	12.880	0.000	91	19353	20.0	19.1	
133 Naphthalene	128	13.021	13.021	0.000	98	153970	20.0	18.4	
134 1,2,3-Trichlorobenzene	180	13.209	13.209	0.000	94	40303	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 136 Xylenes, Total	100				0		40.0	39.6	
S 137 Total BTEX	1				0		100.0	100.7	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Aug-2015 14:45:44 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29688.D

Injection Date: 06-Aug-2015 05:44:30 Instrument ID: CVOAMS8 Operator ID:

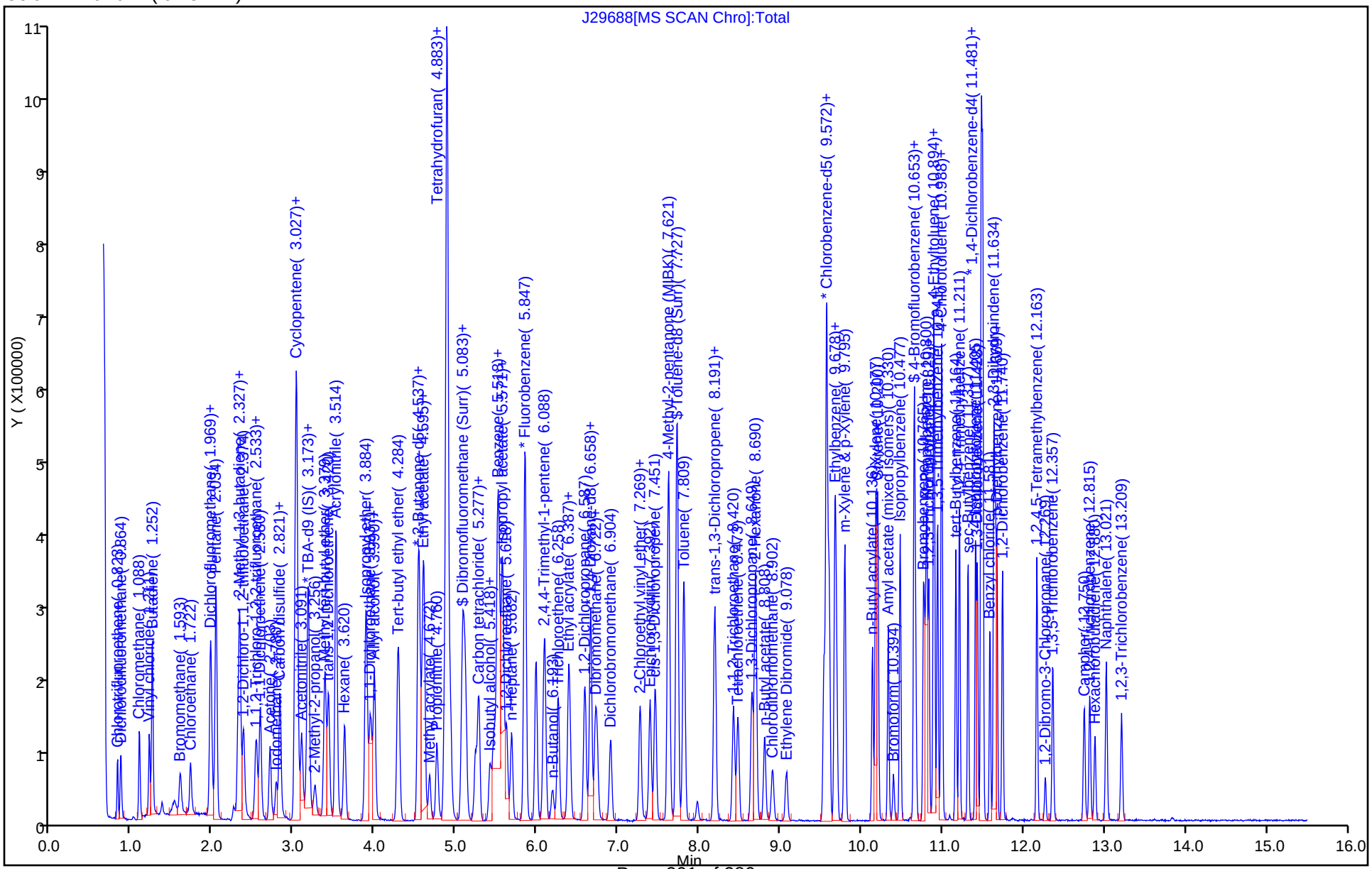
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-315171/4 Calibration Date: 08/07/2015 06:15

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29717.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0431	0.0676		31.4	20.0	56.9*	20.0
Dichlorodifluoromethane	Ave	0.3763	0.3310	0.1000	17.6	20.0	-12.0	20.0
Chloromethane	Ave	0.5150	0.4680	0.1000	18.2	20.0	-9.1	20.0
Vinyl chloride	Ave	0.4750	0.4505	0.1000	19.0	20.0	-5.2	20.0
Butadiene	Ave	0.4715	0.4252		18.0	20.0	-9.8	20.0
Bromomethane	Ave	0.2366	0.2347	0.1000	19.8	20.0	-0.8	50.0
Chloroethane	Ave	0.2836	0.3052	0.1000	21.5	20.0	7.6	50.0
Dichlorofluoromethane	Ave	0.6325	0.7213		22.8	20.0	14.0	20.0
Trichlorofluoromethane	Ave	0.4594	0.5219	0.1000	22.7	20.0	13.6	20.0
Pentane	Ave	1.959	2.567		52.4	40.0	31.0*	20.0
Ethanol	Ave	0.0828	0.0956		924	800	15.4	50.0
Ethyl ether	Ave	0.3152	0.3398		21.6	20.0	7.8	20.0
2-Methyl-1,3-butadiene	Ave	0.3427	0.4068		23.7	20.0	18.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2432	0.2614		21.5	20.0	7.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Qua2		0.2979	0.1000	21.8	20.0	9.2	20.0
Acrolein	Ave	0.6354	0.7522		47.3	40.0	18.4	50.0
1,1-Dichloroethene	Ave	0.3048	0.3021	0.1000	19.8	20.0	-0.9	20.0
Acetone	Ave	1.252	0.9636	0.0500	77.0	100	-23.0	50.0
Iodomethane	Ave	0.3569	0.3351		18.8	20.0	-6.1	20.0
Carbon disulfide	Ave	1.111	1.286	0.1000	23.2	20.0	15.8	50.0
Isopropyl alcohol	Lin2		1.204		227	200	13.6	50.0
Allyl chloride	Ave	0.2002	0.2183		21.8	20.0	9.1	20.0
Methyl acetate	Ave	0.4460	0.5020	0.1000	113	100	12.5	20.0
Cyclopentene	Ave	0.9756	1.106		22.7	20.0	13.4	20.0
Acetonitrile	Ave	2.732	3.956		290	200	44.8*	20.0
Methylene Chloride	Ave	0.3746	0.3798	0.1000	20.3	20.0	1.4	20.0
2-Methyl-2-propanol	Lin2		1.642		213	200	6.7	50.0
Methyl tert-butyl ether	Ave	0.997	1.122	0.1000	22.5	20.0	12.6	20.0
trans-1,2-Dichloroethene	Ave	0.3499	0.3593	0.1000	20.5	20.0	2.7	20.0
Acrylonitrile	Ave	6.623	8.797		266	200	32.8*	20.0
Hexane	QuaF		0.3565		25.6	20.0	27.8*	20.0
Isopropyl ether	Ave	1.392	1.603		23.0	20.0	15.2	20.0
1,1-Dichloroethane	Ave	0.6750	0.8054	0.2000	23.9	20.0	19.3	20.0
Vinyl acetate	Ave	0.3941	0.1598		16.2	40.0	-59.5*	20.0
Allyl alcohol	Ave	0.2924	0.2204		377	500	-24.6	50.0
2-Chloro-1,3-butadiene	Ave	0.2908	0.3182		21.9	20.0	9.4	20.0
Tert-butyl ethyl ether	Ave	1.212	1.326		21.9	20.0	9.4	20.0
2,2-Dichloropropane	Lin2		0.1219		20.7	20.0	3.3	20.0
cis-1,2-Dichloroethene	Ave	0.3839	0.3827	0.1000	19.9	20.0	-0.3	20.0
2-Butanone (MEK)	Ave	0.3604	0.3184	0.0500	88.3	100	-11.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-315171/4 Calibration Date: 08/07/2015 06:15

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29717.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	5.433	6.431		47.3	40.0	18.4	20.0
Methyl acrylate	Ave	0.3978	0.4022		20.2	20.0	1.1	20.0
Propionitrile	Ave	2.673	3.388		254	200	26.8*	20.0
Chlorobromomethane	Ave	0.1567	0.1600		20.4	20.0	2.1	20.0
Tetrahydrofuran	Ave	0.3719	0.3593		38.6	40.0	-3.4	20.0
Methacrylonitrile	Ave	0.1643	0.1832		223	200	11.5	20.0
Chloroform	Ave	0.5909	0.6593	0.2000	22.3	20.0	11.6	20.0
Cyclohexane	Ave	0.4734	0.5764	0.1000	24.4	20.0	21.8	50.0
1,1,1-Trichloroethane	Ave	0.4735	0.4979	0.1000	21.0	20.0	5.2	20.0
Carbon tetrachloride	Ave	0.3647	0.3311	0.1000	18.2	20.0	-9.2	20.0
1,1-Dichloropropene	Ave	0.4196	0.4844		23.1	20.0	15.4	20.0
Isobutyl alcohol	Ave	0.9123	0.7696		422	500	-15.6	50.0
2,2,4-Trimethylpentane	Ave	0.7109	0.9634		27.1	20.0	35.5*	20.0
Benzene	Ave	1.920	2.132	0.5000	22.2	20.0	11.0	20.0
Isopropyl acetate	Ave	1.159	1.411		24.3	20.0	21.7*	20.0
Tert-amyl methyl ether	Ave	1.079	1.133		21.0	20.0	5.0	20.0
1,2-Dichloroethane	Ave	0.4648	0.5698	0.1000	24.5	20.0	22.6*	20.0
n-Heptane	Ave	0.1463	0.1988		27.2	20.0	35.9*	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.5184	0.6700		51.7	40.0	29.2*	20.0
n-Butanol	Ave	0.4814	0.3550		369	500	-26.3	50.0
Trichloroethene	Ave	0.3225	0.3522	0.2000	21.8	20.0	9.2	20.0
Ethyl acrylate	Ave	0.7842	0.8875		22.6	20.0	13.2	20.0
Methylcyclohexane	Ave	0.3293	0.3740	0.1000	22.7	20.0	13.6	50.0
1,2-Dichloropropane	Ave	0.4013	0.4429	0.1000	22.1	20.0	10.4	20.0
Methyl methacrylate	Ave	0.0999	0.0960		38.4	40.0	-3.9	20.0
1,4-Dioxane	Ave	1.291	1.354		420	400	4.9	50.0
n-Propyl acetate	Ave	0.6510	0.7336		22.5	20.0	12.7	20.0
Dibromomethane	Ave	0.2038	0.2202		21.6	20.0	8.0	20.0
Dichlorobromomethane	Ave	0.4879	0.4570	0.2000	18.7	20.0	-6.3	20.0
2-Chloroethyl vinyl ether	Ave	0.2716	0.2953		21.7	20.0	8.7	20.0
2-Nitropropane	Lin2		0.0643		21.0	40.0	-47.6*	20.0
Epichlorohydrin	Ave	0.3016	0.2912		386	400	-3.4	20.0
cis-1,3-Dichloropropene	Ave	0.8288	0.8617	0.2000	20.8	20.0	4.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.029	3.208	0.0500	106	100	5.9	50.0
Toluene	Ave	1.909	2.063	0.4000	21.6	20.0	8.0	20.0
trans-1,3-Dichloropropene	Ave	0.7120	0.7312	0.1000	20.5	20.0	2.7	50.0
Ethyl methacrylate	Ave	0.5083	0.4740		18.7	20.0	-6.7	20.0
1,1,2-Trichloroethane	Ave	0.4021	0.4015	0.1000	20.0	20.0	-0.1	20.0
Tetrachloroethene	Ave	0.3414	0.3434	0.2000	20.1	20.0	0.6	20.0
1,3-Dichloropropane	Ave	0.7633	0.8314		21.8	20.0	8.9	20.0
2-Hexanone	Ave	1.181	1.062	0.0500	89.9	100	-10.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-315171/4 Calibration Date: 08/07/2015 06:15

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29717.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4836	0.7761		32.1	20.0	60.5*	20.0
Chlorodibromomethane	Ave	0.4369	0.3322	0.1000	15.2	20.0	-24.0	50.0
Ethylene Dibromide	Ave	0.4213	0.4201	0.1000	19.9	20.0	-0.3	20.0
Chlorobenzene	Ave	1.128	1.166	0.5000	20.7	20.0	3.4	20.0
Ethylbenzene	Ave	0.5571	0.5922	0.1000	21.3	20.0	6.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3991	0.3242		16.2	20.0	-18.8	20.0
m-Xylene & p-Xylene	Ave	0.6897	0.7387	0.1000	21.4	20.0	7.1	20.0
n-Butyl acrylate	Ave	0.4165	0.3267		15.7	20.0	-21.6*	20.0
o-Xylene	Ave	0.6825	0.7226	0.3000	21.2	20.0	5.9	20.0
Styrene	Ave	1.295	1.319	0.3000	20.4	20.0	1.9	20.0
Amyl acetate (mixed isomers)	Ave	2.212	2.167		19.6	20.0	-2.0	20.0
Bromoform	Ave	0.2892	0.1852	0.1000	12.8	20.0	-36.0*	20.0
Isopropylbenzene	Ave	1.422	1.585	0.1000	22.3	20.0	11.5	20.0
Camphene	Qua2		0.1636		27.5	20.0	37.6*	20.0
Bromobenzene	Ave	0.9644	1.002		20.8	20.0	3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.314	1.401	0.3000	21.3	20.0	6.7	20.0
N-Propylbenzene	Ave	3.646	4.248		23.3	20.0	16.5	20.0
1,2,3-Trichloropropane	Ave	0.3476	0.3907		22.5	20.0	12.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4235	0.4464		21.1	20.0	5.4	20.0
4-Ethyltoluene	Ave	3.359	3.595		21.4	20.0	7.0	20.0
2-Chlorotoluene	Ave	2.831	3.262		23.0	20.0	15.2	20.0
1,3,5-Trimethylbenzene	Ave	2.585	2.928		22.7	20.0	13.3	20.0
4-Chlorotoluene	Ave	2.725	3.029		22.2	20.0	11.1	20.0
Butyl Methacrylate	Ave	1.474	1.211		16.4	20.0	-17.9	20.0
tert-Butylbenzene	Ave	1.957	2.137		21.8	20.0	9.2	20.0
1,2,4-Trimethylbenzene	Ave	2.777	3.145		22.7	20.0	13.3	20.0
sec-Butylbenzene	Ave	2.823	3.211		22.8	20.0	13.8	20.0
4-Isopropyltoluene	Ave	2.430	2.675		22.0	20.0	10.1	20.0
1,3-Dichlorobenzene	Ave	1.590	1.716	0.6000	21.6	20.0	7.9	20.0
1,4-Dichlorobenzene	Ave	1.702	1.785	0.5000	21.0	20.0	4.9	20.0
Benzyl chloride	Ave	2.822	2.286		16.2	20.0	-19.0	50.0
Indan	Ave	3.562	3.740		21.0	20.0	5.0	20.0
p-Diethylbenzene	Ave	1.756	1.826		20.8	20.0	4.0	20.0
n-Butylbenzene	Ave	2.833	3.535		25.0	20.0	24.8*	20.0
1,2-Dichlorobenzene	Ave	1.630	1.739	0.4000	21.3	20.0	6.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.502	2.658		21.3	20.0	6.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2372	0.2117	0.0500	17.9	20.0	-10.7	50.0
1,3,5-Trichlorobenzene	Ave	0.9447	0.9428		20.0	20.0	-0.2	20.0
Camphor	Ave	0.1248	0.1323		106	100	6.1	20.0
1,2,4-Trichlorobenzene	Ave	0.8485	0.8504	0.2000	20.0	20.0	0.2	20.0
Hexachlorobutadiene	Lin2		0.3420		21.2	20.0	5.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Lab Sample ID: CCVIS 460-315171/4 Calibration Date: 08/07/2015 06:15

Instrument ID: CVOAMS8 Calib Start Date: 07/21/2015 11:43

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/21/2015 18:18

Lab File ID: J29717.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.680	2.744		20.5	20.0	2.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7295	0.7834		21.5	20.0	7.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2292	0.2251		49.1	50.0	-1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3076	0.3419		55.6	50.0	11.2	20.0
Toluene-d8 (Surr)	Ave	1.326	1.229		46.3	50.0	-7.3	20.0
4-Bromofluorobenzene	Ave	0.3297	0.2922		44.3	50.0	-11.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29717.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Aug-2015 06:15:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030486-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2015 12:36:55 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: delpolitov Date: 09-Aug-2015 12:36:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.817	0.817	0.000	97	12531	20.0	31.4	
2 Dichlorodifluoromethane	85	0.858	0.858	0.000	99	61388	20.0	17.6	
3 Chloromethane	50	1.087	1.087	0.000	100	86777	20.0	18.2	
4 Vinyl chloride	62	1.211	1.211	0.000	98	83545	20.0	19.0	
5 Butadiene	54	1.246	1.246	0.000	0	78855	20.0	18.0	
6 Bromomethane	94	1.587	1.587	0.000	99	43514	20.0	19.8	
7 Chloroethane	64	1.716	1.716	0.000	98	56587	20.0	21.5	
8 Dichlorofluoromethane	67	1.963	1.963	0.000	99	133762	20.0	22.8	
9 Trichlorofluoromethane	101	1.974	1.974	0.000	98	96783	20.0	22.7	
10 Pentane	72	2.033	2.033	0.000	96	19628	40.0	52.4	
11 Ethanol	46	2.251	2.251	0.000	95	14620	800.0	923.5	
12 Ethyl ether	59	2.304	2.304	0.000	93	63006	20.0	21.6	
13 2-Methyl-1,3-butadiene	53	2.321	2.321	0.000	92	75443	20.0	23.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.368	2.368	0.000	96	48481	20.0	21.5	
15 1,1,2-Trichloro-1,2,2-trif	101	2.527	2.527	0.000	93	55235	20.0	21.8	
16 Acrolein	56	2.539	2.539	0.000	32	5751	40.0	47.3	
17 1,1-Dichloroethene	96	2.580	2.580	0.000	95	56012	20.0	19.8	
18 Acetone	43	2.697	2.697	0.000	85	135620	100.0	77.0	
19 Iodomethane	142	2.779	2.779	0.000	99	62135	20.0	18.8	
20 Carbon disulfide	76	2.821	2.821	0.000	100	238550	20.0	23.2	
21 Isopropyl alcohol	45	2.826	2.826	0.000	34	46030	200.0	227.1	
22 3-Chloro-1-propene	76	3.009	3.009	0.000	89	40488	20.0	21.8	
23 Methyl acetate	43	3.026	3.026	0.000	99	465412	100.0	112.5	
24 Cyclopentene	67	3.032	3.032	0.000	91	205142	20.0	22.7	
25 Acetonitrile	41	3.097	3.097	0.000	99	151235	200.0	289.6	
* 26 TBA-d9 (IS)	65	3.167	3.167	0.000	89	191142	1000.0	1000.0	
27 Methylene Chloride	84	3.173	3.173	0.000	95	70434	20.0	20.3	
28 2-Methyl-2-propanol	59	3.255	3.255	0.000	97	62753	200.0	213.4	
29 Methyl tert-butyl ether	73	3.379	3.379	0.000	97	208031	20.0	22.5	
30 trans-1,2-Dichloroethene	96	3.426	3.426	0.000	97	66621	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.514	3.514	0.000	94	336281	200.0	265.6	
32 Hexane	57	3.620	3.620	0.000	0	66116	20.0	25.6	
33 Isopropyl ether	45	3.890	3.890	0.000	96	297321	20.0	23.0	
34 1,1-Dichloroethane	63	3.937	3.937	0.000	99	149351	20.0	23.9	
35 Vinyl acetate	43	3.949	3.949	0.000	100	59246	40.0	16.2	
36 Allyl alcohol	57	3.972	3.972	0.000	42	21060	500.0	376.8	
37 2-Chloro-1,3-butadiene	88	3.984	3.984	0.000	95	59010	20.0	21.9	
38 Tert-butyl ethyl ether	59	4.284	4.284	0.000	88	245841	20.0	21.9	
* 39 2-Butanone-d5	46	4.530	4.530	0.000	97	351876	250.0	250.0	
43 Ethyl acetate	43	4.601	4.601	0.000	95	362038	40.0	47.3	
40 2,2-Dichloropropane	97	4.542	4.542	0.000	93	22606	20.0	20.7	
41 cis-1,2-Dichloroethene	96	4.583	4.583	0.000	93	70968	20.0	19.9	
42 2-Butanone (MEK)	72	4.595	4.595	0.000	97	44810	100.0	88.3	
44 Methyl acrylate	55	4.671	4.671	0.000	98	74576	20.0	20.2	
45 Propionitrile	54	4.759	4.759	0.000	98	129524	200.0	253.5	
47 Tetrahydrofuran	72	4.865	4.865	0.000	62	20227	40.0	38.6	
46 Chlorobromomethane	128	4.865	4.865	0.000	89	29665	20.0	20.4	
48 Methacrylonitrile	67	4.889	4.889	0.000	97	339718	200.0	222.9	
49 Chloroform	83	4.924	4.924	0.000	97	122264	20.0	22.3	
50 Cyclohexane	56	5.077	5.077	0.000	97	106888	20.0	24.4	
51 1,1,1-Trichloroethane	97	5.094	5.094	0.000	96	92335	20.0	21.0	
$ 52 Dibromofluoromethane (Surr	113	5.118	5.118	0.000	95	104354	50.0	49.1	
53 Carbon tetrachloride	117	5.235	5.235	0.000	98	61400	20.0	18.2	
54 1,1-Dichloropropene	75	5.277	5.277	0.000	90	89823	20.0	23.1	
56 Isooctane	57	5.465	5.465	0.000	99	178648	20.0	27.1	
57 Benzene	78	5.512	5.512	0.000	98	291791	20.0	22.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.535	5.535	0.000	98	158523	50.0	55.6	
55 Isobutyl alcohol	43	5.412	5.412	0.000	94	73555	500.0	421.8	
59 Tert-amyl methyl ether	73	5.576	5.576	0.000	91	210189	20.0	21.0	
60 Isopropyl acetate	43	5.570	5.570	0.000	95	261614	20.0	24.3	
61 1,2-Dichloroethane	62	5.617	5.617	0.000	96	105656	20.0	24.5	
62 n-Heptane	57	5.682	5.682	0.000	97	36870	20.0	27.2	
* 63 Fluorobenzene	96	5.846	5.846	0.000	98	463595	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.087	6.087	0.000	93	248495	40.0	51.7	
65 n-Butanol	56	6.187	6.187	0.000	95	33923	500.0	368.6	
66 Trichloroethene	95	6.258	6.258	0.000	93	65315	20.0	21.8	
68 Methylcyclohexane	83	6.393	6.393	0.000	80	69353	20.0	22.7	
67 Ethyl acrylate	55	6.387	6.387	0.000	96	164568	20.0	22.6	
69 1,2-Dichloropropane	63	6.587	6.587	0.000	86	82131	20.0	22.1	
* 70 1,4-Dioxane-d8	96	6.645	6.645	0.000	38	27868	1000.0	1000.0	
71 Methyl methacrylate	100	6.657	6.657	0.000	93	35612	40.0	38.4	
72 1,4-Dioxane	88	6.716	6.716	0.000	33	15096	400.0	419.6	
73 n-Propyl acetate	43	6.716	6.716	0.000	98	136033	20.0	22.5	
74 Dibromomethane	93	6.739	6.739	0.000	91	40828	20.0	21.6	
75 Dichlorobromomethane	83	6.904	6.904	0.000	97	84743	20.0	18.7	
77 2-Chloroethyl vinyl ether	63	7.268	7.268	0.000	83	54760	20.0	21.7	
76 2-Nitropropane	41	7.268	7.268	0.000	72	23841	40.0	21.0	
78 Epichlorohydrin	57	7.392	7.392	0.000	100	163967	400.0	386.3	
79 cis-1,3-Dichloropropene	75	7.450	7.450	0.000	98	117945	20.0	20.8	
80 4-Methyl-2-pentanone (MIBK	43	7.621	7.621	0.000	99	451491	100.0	105.9	
$ 81 Toluene-d8 (Surr)	98	7.721	7.721	0.000	98	420414	50.0	46.3	
82 Toluene	91	7.809	7.809	0.000	94	282387	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	8.185	8.185	0.000	95	100088	20.0	20.5	
84 Ethyl methacrylate	69	8.197	8.197	0.000	94	87902	20.0	18.7	
85 1,1,2-Trichloroethane	83	8.420	8.420	0.000	95	54959	20.0	20.0	
86 Tetrachloroethene	166	8.473	8.473	0.000	93	47008	20.0	20.1	
87 1,3-Dichloropropane	76	8.649	8.649	0.000	97	113798	20.0	21.8	
89 2-Hexanone	58	8.690	8.690	0.000	99	149437	100.0	89.9	
88 n-Butyl acetate	43	8.802	8.802	0.000	98	106235	20.0	32.1	
90 Chlorodibromomethane	129	8.902	8.902	0.000	97	45475	20.0	15.2	
91 Ethylene Dibromide	107	9.078	9.078	0.000	99	57507	20.0	19.9	
* 92 Chlorobenzene-d5	117	9.571	9.571	0.000	92	342203	50.0	50.0	
93 Chlorobenzene	112	9.601	9.601	0.000	91	159540	20.0	20.7	
94 Ethylbenzene	106	9.671	9.671	0.000	99	81061	20.0	21.3	
95 1,1,1,2-Tetrachloroethane	131	9.695	9.695	0.000	90	44375	20.0	16.2	
96 m-Xylene & p-Xylene	106	9.795	9.795	0.000	98	101109	20.0	21.4	
97 n-Butyl acrylate	73	10.136	10.136	0.000	96	44712	20.0	15.7	
98 o-Xylene	106	10.177	10.177	0.000	92	98909	20.0	21.2	
99 Styrene	104	10.200	10.200	0.000	95	180599	20.0	20.4	
100 Amyl acetate (mixed isomer	43	10.329	10.329	0.000	88	132679	20.0	19.6	
101 Bromoform	173	10.400	10.400	0.000	93	25352	20.0	12.8	
102 Isopropylbenzene	105	10.476	10.476	0.000	97	216956	20.0	22.3	
$ 103 4-Bromofluorobenzene	174	10.653	10.653	0.000	81	99976	50.0	44.3	
104 Camphene	41	10.670	10.670	0.000	97	22398	20.0	27.5	
105 Bromobenzene	156	10.770	10.770	0.000	91	61354	20.0	20.8	
106 1,1,2,2-Tetrachloroethane	83	10.782	10.782	0.000	99	85784	20.0	21.3	
107 N-Propylbenzene	91	10.805	10.805	0.000	98	260022	20.0	23.3	
108 1,2,3-Trichloropropane	110	10.829	10.829	0.000	94	23916	20.0	22.5	
109 trans-1,4-Dichloro-2-buten	53	10.835	10.835	0.000	78	27329	20.0	21.1	
110 4-Ethyltoluene	105	10.888	10.888	0.000	98	220038	20.0	21.4	
111 2-Chlorotoluene	91	10.899	10.899	0.000	97	199702	20.0	23.0	
112 1,3,5-Trimethylbenzene	105	10.940	10.940	0.000	92	179255	20.0	22.7	
113 4-Chlorotoluene	91	10.982	10.982	0.000	98	185398	20.0	22.2	
114 Butyl Methacrylate	87	10.993	10.993	0.000	98	74116	20.0	16.4	
115 tert-Butylbenzene	119	11.164	11.164	0.000	91	130816	20.0	21.8	
116 1,2,4-Trimethylbenzene	105	11.211	11.211	0.000	98	192543	20.0	22.7	
117 sec-Butylbenzene	105	11.316	11.316	0.000	98	196583	20.0	22.8	
118 4-Isopropyltoluene	119	11.410	11.410	0.000	97	163779	20.0	22.0	
119 1,3-Dichlorobenzene	146	11.428	11.428	0.000	93	105043	20.0	21.6	
* 120 1,4-Dichlorobenzene-d4	152	11.475	11.475	0.000	97	153037	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.493	11.493	0.000	91	109289	20.0	21.0	
122 Benzyl chloride	91	11.587	11.587	0.000	98	139926	20.0	16.2	
123 2,3-Dihydroindene	117	11.634	11.634	0.000	94	228926	20.0	21.0	
124 p-Diethylbenzene	119	11.651	11.651	0.000	93	111780	20.0	20.8	
125 n-Butylbenzene	91	11.669	11.669	0.000	96	216368	20.0	25.0	
126 1,2-Dichlorobenzene	146	11.740	11.740	0.000	92	106468	20.0	21.3	
127 1,2,4,5-Tetramethylbenzene	119	12.168	12.168	0.000	97	162706	20.0	21.3	
128 1,2-Dibromo-3-Chloropropan	75	12.268	12.268	0.000	84	12959	20.0	17.9	
129 1,3,5-Trichlorobenzene	180	12.362	12.362	0.000	94	57711	20.0	20.0	
130 Camphor	95	12.750	12.750	0.000	96	40503	100.0	106.1	
131 1,2,4-Trichlorobenzene	180	12.821	12.821	0.000	92	52058	20.0	20.0	
132 Hexachlorobutadiene	225	12.885	12.885	0.000	85	20934	20.0	21.2	
133 Naphthalene	128	13.020	13.020	0.000	98	168003	20.0	20.5	
134 1,2,3-Trichlorobenzene	180	13.214	13.214	0.000	93	47955	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 136 Xylenes, Total	100				0		40.0	42.6	
S 137 Total BTEX	1				0		100.0	107.7	

Reagents:

GASES Li_00113	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Aug-2015 12:36:58 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29717.D

Injection Date: 07-Aug-2015 06:15:30 Instrument ID: CVOAMS8 Operator ID:

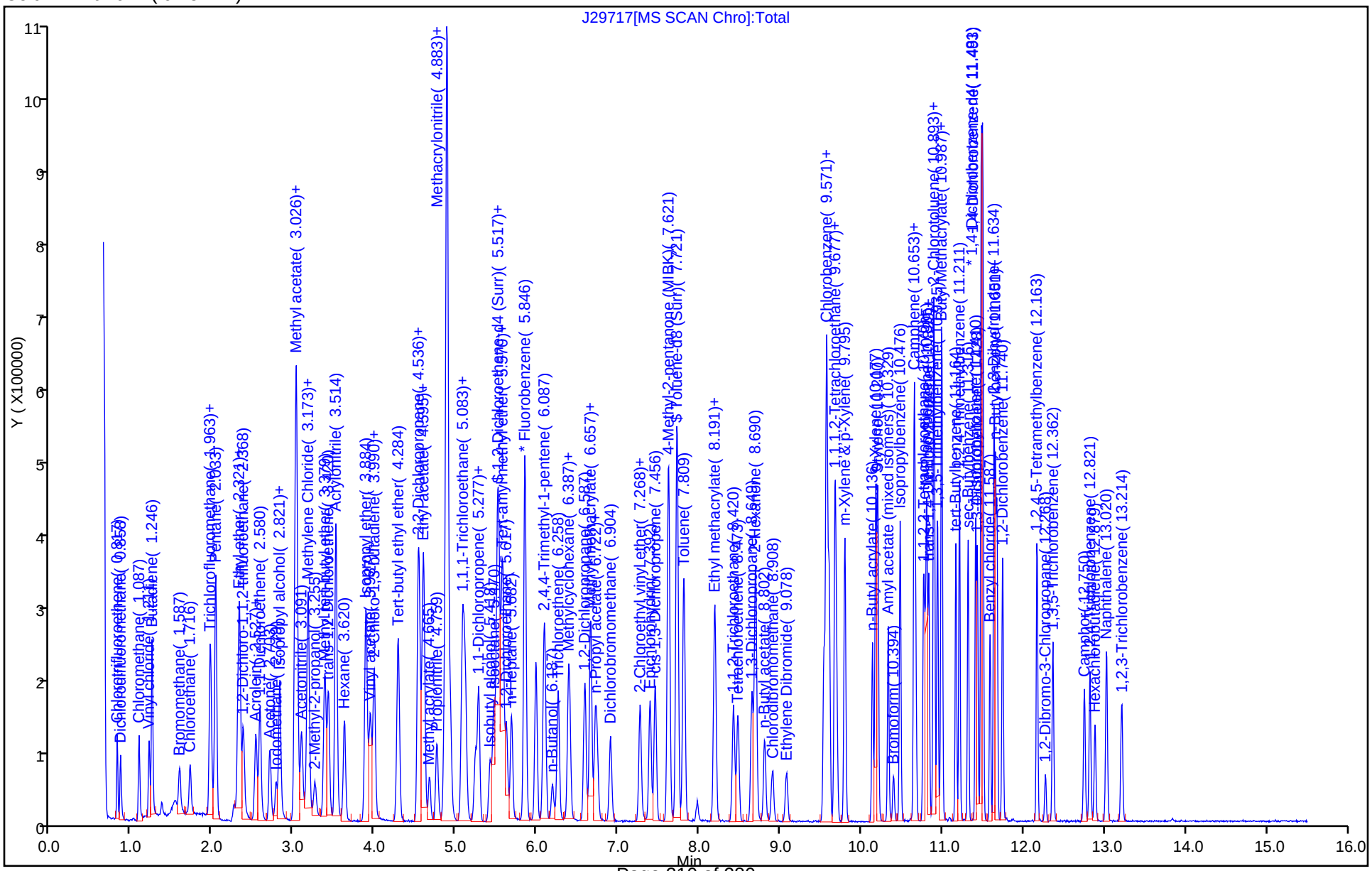
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29083.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 21-Jul-2015 10:08:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0029825-001
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-Jul-2015 04:31:30 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 21-Jul-2015 11:31:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.075	4.075	0.000	88	104152	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

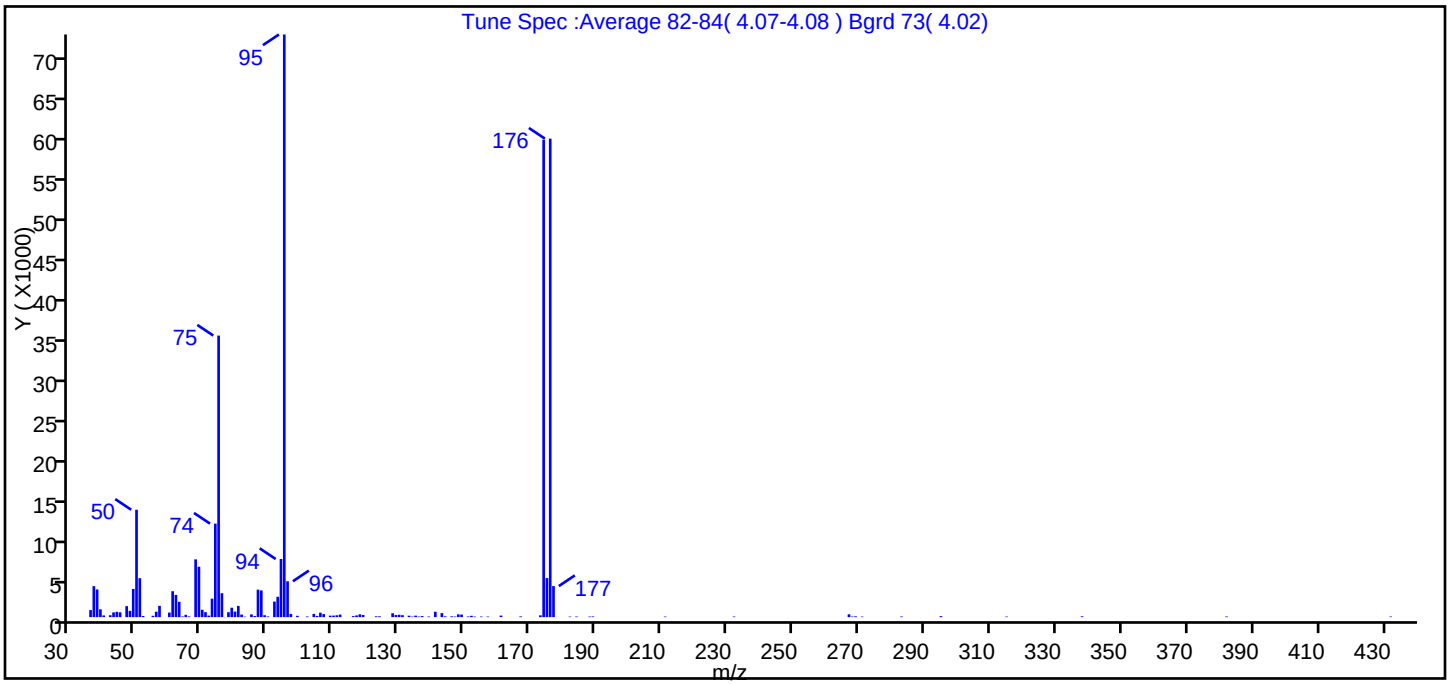
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29083.D
Injection Date: 21-Jul-2015 10:08:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.4
75	30 to 60% of m/z 95	48.3
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	81.9
175	5 to 9% of m/z 174	6.7 (8.2)
176	Greater than 95% but less than 101% of m/z 174	82.1 (100.2)
177	5 to 9% of m/z 176	5.3 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29083.D\8260_W8.rslt\spectra.d
Injection Date: 21-Jul-2015 10:08:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 73(4.02)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	885	72.00	193	107.00	381	152.00	166
37.00	3876	73.00	2307	109.00	189	153.00	69
38.00	3459	74.00	11693	110.00	195	155.00	75
39.00	980	75.00	35208	111.00	235	157.00	74
40.00	212	76.00	2994	112.00	322	161.00	195
42.00	238	77.00	22	116.00	130	167.00	93
43.00	596	78.00	619	117.00	217	173.00	225
44.00	665	79.00	1179	118.00	354	174.00	59696
45.00	604	80.00	698	119.00	273	175.00	4886
47.00	1377	81.00	1404	123.00	104	176.00	59832
48.00	786	82.00	325	124.00	106	177.00	3886
49.00	3527	83.00	54	128.00	489	182.00	69
50.00	13429	85.00	343	129.00	273	184.00	76
51.00	4870	86.00	133	130.00	300	188.00	73
52.00	144	87.00	3439	131.00	246	189.00	86
55.00	167	88.00	3339	133.00	179	211.00	71
56.00	684	89.00	241	134.00	70	232.00	78
57.00	1411	90.00	90	135.00	187	267.00	354
60.00	572	92.00	1943	136.00	76	268.00	75
61.00	3244	93.00	2551	137.00	133	269.00	104
62.00	2781	94.00	7270	139.00	76	271.00	70
63.00	1918	95.00	72856	141.00	676	283.00	82
64.00	85	96.00	4486	143.00	505	295.00	127
65.00	291	97.00	403	144.00	100	315.00	70
66.00	92	99.00	167	146.00	101	338.00	102
68.00	7225	102.00	85	147.00	70	382.00	83
69.00	6303	104.00	408	148.00	348	432.00	73
70.00	923	105.00	157	149.00	324		
71.00	624	106.00	554	151.00	80		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29686.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 06-Aug-2015 04:48:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030444-001
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Aug-2015 09:49:28 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: moroneyc Date: 06-Aug-2015 06:02:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.075	4.075	0.000	86	100745	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

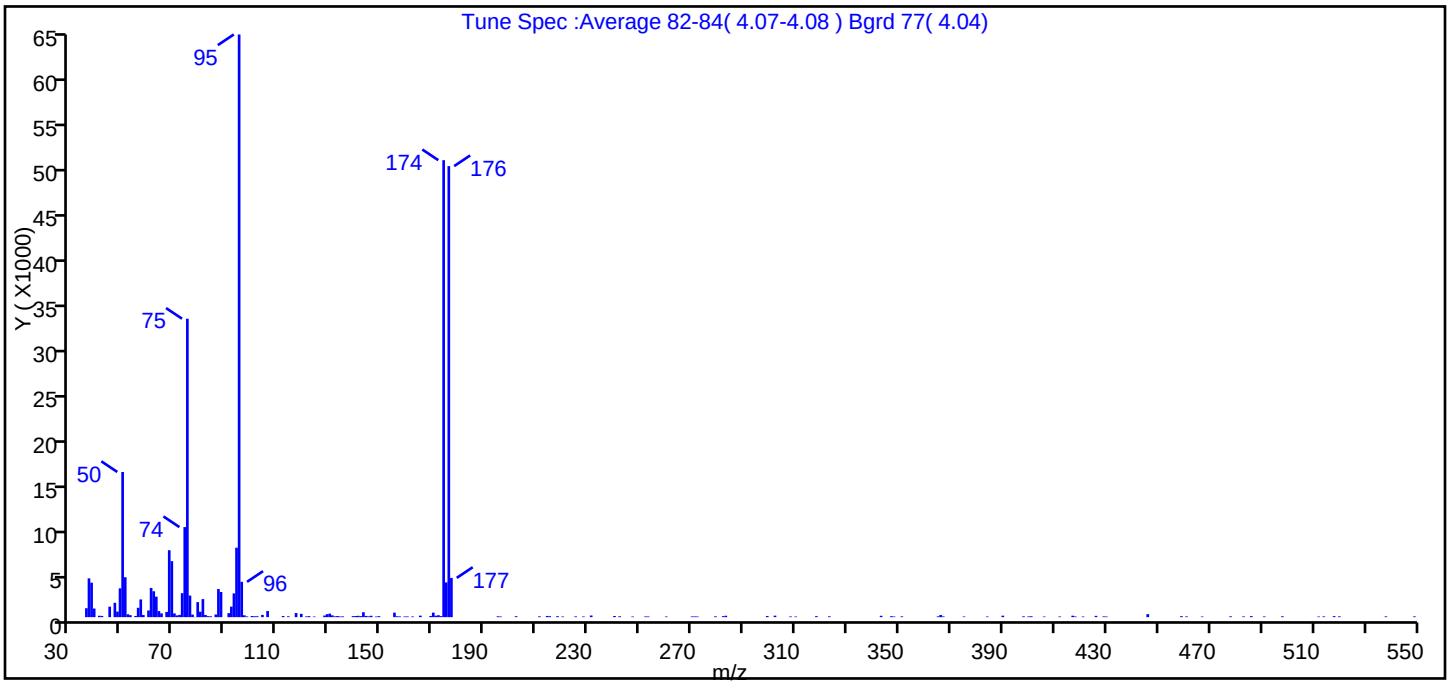
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29686.D
Injection Date: 06-Aug-2015 04:48:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.9
75	30 to 60% of m/z 95	51.2
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	78.4
175	5 to 9% of m/z 174	6.0 (7.6)
176	Greater than 95% but less than 101% of m/z 174	77.4 (98.7)
177	5 to 9% of m/z 176	6.7 (8.7)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29686.D\8260_W8.rslt\spectra.d
Injection Date: 06-Aug-2015 04:48:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 77(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	987	84.00	95	149.00	107	302.00	165
37.00	4290	86.00	292	155.00	497	308.00	76
38.00	3806	87.00	3109	156.00	96	310.00	71
39.00	951	88.00	2782	157.00	80	318.00	111
41.00	154	91.00	442	159.00	70	323.00	93
42.00	132	92.00	1159	160.00	75	343.00	152
45.00	1158	93.00	2624	162.00	76	347.00	106
47.00	1587	94.00	7678	165.00	166	348.00	67
48.00	609	95.00	64416	169.00	132	351.00	86
49.00	3183	96.00	3904	170.00	497	365.00	88
50.00	16049	97.00	203	171.00	158	366.00	234
51.00	4412	98.00	79	172.00	212	367.00	76
52.00	317	100.00	128	173.00	112	375.00	72
53.00	217	101.00	95	174.00	50520	384.00	73
55.00	128	102.00	98	175.00	3840	390.00	162
56.00	1033	104.00	244	176.00	49864	398.00	89
57.00	1959	106.00	677	177.00	4339	400.00	77
58.00	232	112.00	125	195.00	94	401.00	96
60.00	737	114.00	93	196.00	69	406.00	68
61.00	3227	117.00	456	202.00	103	412.00	74
62.00	2862	119.00	365	211.00	91	417.00	156
63.00	2265	121.00	80	214.00	132	418.00	73
64.00	670	122.00	112	215.00	105	421.00	70
65.00	416	124.00	67	218.00	105	426.00	143
67.00	578	128.00	179	220.00	72	429.00	79
68.00	7400	129.00	327	225.00	83	430.00	68
69.00	6190	130.00	388	228.00	72	446.00	332
70.00	411	131.00	197	231.00	181	459.00	110
71.00	191	132.00	87	240.00	127	461.00	81
72.00	250	133.00	126	242.00	98	467.00	70
73.00	2651	134.00	73	247.00	70	478.00	90
74.00	9955	135.00	80	252.00	77	483.00	81
75.00	32992	139.00	112	253.00	73	486.00	113

Report Date: 06-Aug-2015 09:49:30 Chrom Revision: 2.2 23-Jul-2015 08:26:08
Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29686.D\8260_W8.rslt\spectra.d
Injection Date: 06-Aug-2015 04:48:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 77(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	2386	140.00	126	260.00	73	491.00	78
77.00	282	141.00	146	270.00	77	498.00	96
78.00	24	142.00	113	271.00	76	512.00	67
79.00	1662	143.00	543	272.00	68	514.00	81
80.00	599	144.00	137	279.00	92	518.00	112
81.00	1994	145.00	89	282.00	109	520.00	88
82.00	239	146.00	153	283.00	155	538.00	86
83.00	110	148.00	68	299.00	125	549.00	86

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29714.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Aug-2015 04:53:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030486-001
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 08:01:55 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.077	4.077	0.000	89	92831	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

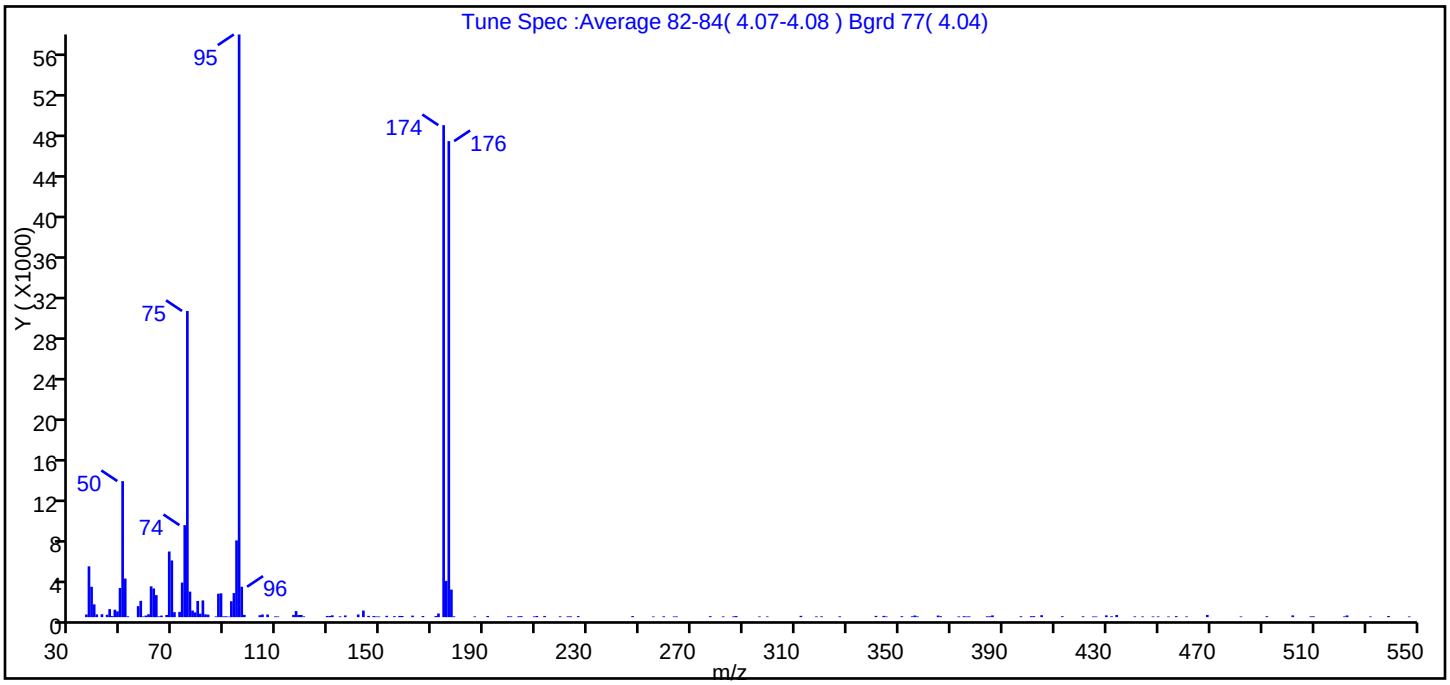
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29714.D
Injection Date: 07-Aug-2015 04:53:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.3
75	30 to 60% of m/z 95	52.5
96	5 to 9% of m/z 95	5.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.4
175	5 to 9% of m/z 174	6.2 (7.4)
176	Greater than 95% but less than 101% of m/z 174	81.7 (96.8)
177	5 to 9% of m/z 176	4.7 (5.8)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29714.D\8260_W8.rslt\spectra.d
Injection Date: 07-Aug-2015 04:53:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 77(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	262	83.00	250	171.00	110	356.00	161
37.00	5018	86.00	70	172.00	360	357.00	74
38.00	2998	87.00	2315	174.00	48608	365.00	156
39.00	1264	88.00	2352	175.00	3583	366.00	89
40.00	273	89.00	79	176.00	47032	373.00	72
42.00	290	90.00	87	177.00	2719	375.00	92
44.00	237	91.00	49	178.00	79	376.00	67
45.00	794	92.00	1576	186.00	76	377.00	76
46.00	105	93.00	2374	191.00	114	384.00	83
47.00	734	94.00	7585	199.00	83	385.00	82
48.00	568	95.00	57568	200.00	77	386.00	171
49.00	2876	96.00	3001	203.00	85	397.00	88
50.00	13442	97.00	226	204.00	93	401.00	95
51.00	3813	103.00	193	209.00	75	402.00	98
52.00	85	104.00	262	210.00	117	405.00	193
56.00	1086	106.00	260	213.00	117	413.00	92
57.00	1612	109.00	76	219.00	82	421.00	85
58.00	67	110.00	67	222.00	78	425.00	68
59.00	159	116.00	221	223.00	83	426.00	67
60.00	283	117.00	599	226.00	105	430.00	176
61.00	3042	118.00	210	247.00	107	432.00	85
62.00	2833	119.00	218	255.00	67	434.00	210
63.00	2176	120.00	74	259.00	84	441.00	76
64.00	76	129.00	119	263.00	67	444.00	72
65.00	154	130.00	118	264.00	71	448.00	69
67.00	215	131.00	180	277.00	96	450.00	71
68.00	6485	134.00	79	282.00	73	454.00	67
69.00	5603	136.00	168	286.00	79	457.00	104
70.00	491	141.00	262	287.00	111	461.00	73
72.00	518	143.00	649	296.00	69	469.00	218
73.00	3415	145.00	127	299.00	69	482.00	69
74.00	9089	147.00	108	312.00	131	492.00	97
75.00	30248	148.00	68	318.00	76	502.00	174

Report Date: 07-Aug-2015 08:01:57 Chrom Revision: 2.2 23-Jul-2015 08:26:08
Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29714.D\8260_W8.rslt\spectra.d
Injection Date: 07-Aug-2015 04:53:30
Spectrum: Tune Spec :Average 82-84(4.07-4.08) Bgrd 77(4.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	2523	149.00	67	320.00	79	509.00	79
77.00	653	152.00	131	327.00	83	510.00	84
78.00	470	155.00	96	341.00	124	522.00	77
79.00	1596	157.00	121	344.00	125	523.00	168
80.00	341	158.00	113	345.00	68	532.00	71
81.00	1654	162.00	149	351.00	95	539.00	115
82.00	276	166.00	113	355.00	81	547.00	68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-314889/8

Matrix: Water | Lab File ID: J29693.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 07:59

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-314889/8

Matrix: Water | Lab File ID: J29693.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 07:59

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-314889/8

Matrix: Water Lab File ID: J29693.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 07:59

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29693.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-Aug-2015 07:59:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030444-008
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Aug-2015 09:50:02 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: moroneyc Date: 06-Aug-2015 09:50:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.168	-0.004	82	216511	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	84	349483	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.121	5.118	0.003	95	106261	50.0	49.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	95	153914	50.0	53.7	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	465989	50.0	50.0	
* 70 1,4-Dioxane-d8	96	6.648	6.646	0.002	87	26425	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	415069	50.0	46.4	
* 92 Chlorobenzene-d5	117	9.574	9.572	0.002	91	337530	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	82	99579	50.0	44.7	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.475	0.003	98	145459	50.0	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

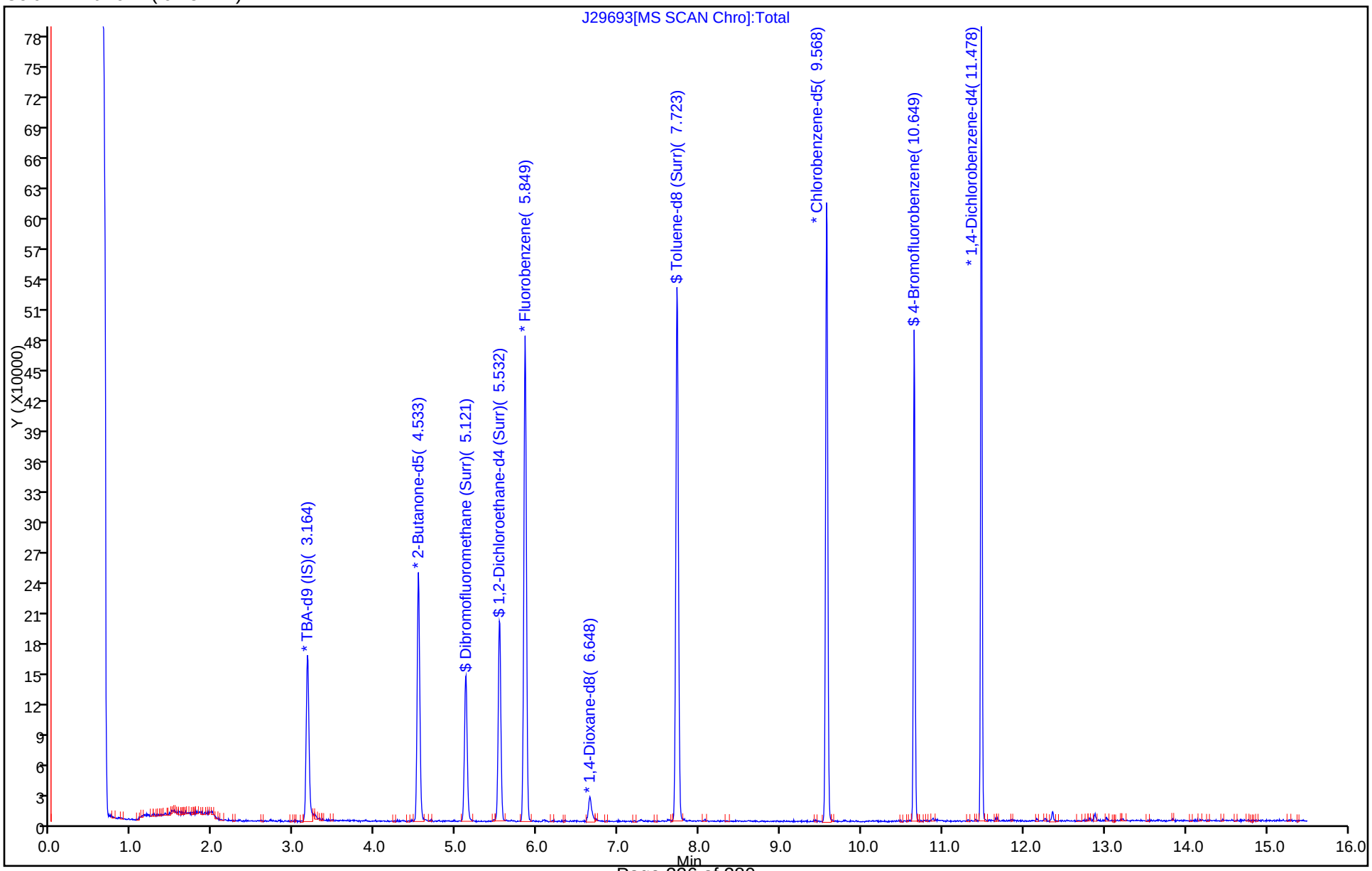
Report Date: 06-Aug-2015 09:50:17 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29693.D

Injection Date:	06-Aug-2015 07:59:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-315171/8

Matrix: Water | Lab File ID: J29721.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 08:19

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-315171/8

Matrix: Water | Lab File ID: J29721.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 08:19

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-315171/8

Matrix: Water Lab File ID: J29721.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/07/2015 08:19

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 315171 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29721.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Aug-2015 08:19:30 ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030486-008
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 07-Aug-2015 17:39:42 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: starzecm Date: 07-Aug-2015 17:39:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.164	3.164	0.000	81	214385	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.527	4.533	-0.006	84	348888	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.121	-0.006	94	105357	50.0	49.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.532	0.000	98	159075	50.0	55.9	
* 63 Fluorobenzene	96	5.849	5.850	-0.001	97	462460	50.0	50.0	
* 70 1,4-Dioxane-d8	96	6.643	6.643	0.000	88	25663	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	7.724	7.724	0.000	98	405638	50.0	45.4	
* 92 Chlorobenzene-d5	117	9.569	9.569	-0.001	91	337299	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.650	10.650	0.000	83	95756	50.0	43.0	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.478	0.006	97	148447	50.0	50.0	

Reagents:

8260ISNEW_00031 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00080 Amount Added: 1.00 Units: uL Run Reagent

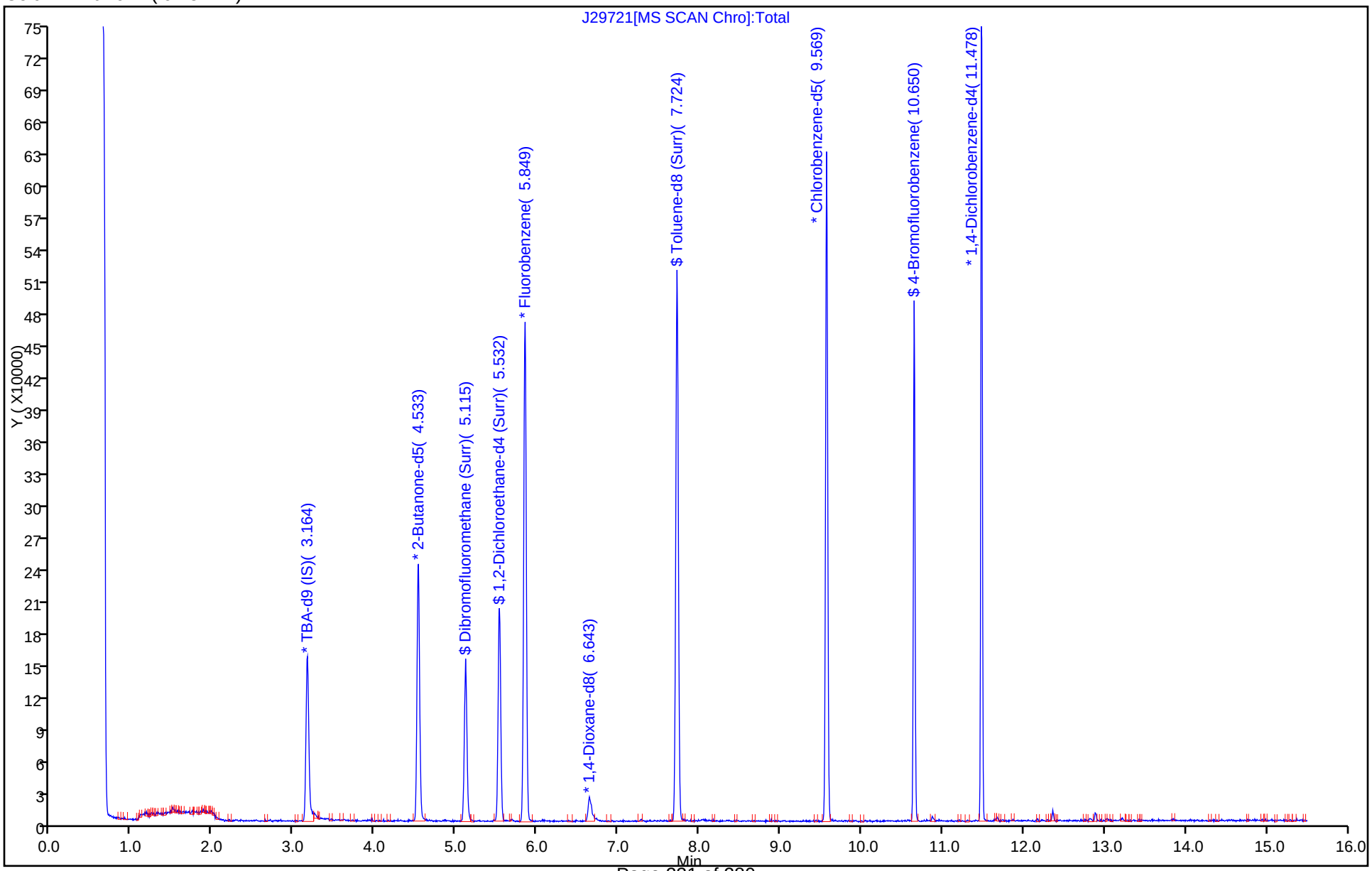
Report Date: 07-Aug-2015 17:39:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29721.D

Injection Date:	07-Aug-2015 08:19:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-314889/4

Matrix: Water Lab File ID: J29689.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 06:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.0		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.080
75-34-3	1,1-Dichloroethane	22.5		1.0	0.24
75-35-4	1,1-Dichloroethene	19.9		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	20.9		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	19.2		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.22
107-06-2	1,2-Dichloroethane	23.6		1.0	0.25
78-87-5	1,2-Dichloropropane	20.9		1.0	0.18
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.33
123-91-1	1,4-Dioxane	440		50	8.7
78-93-3	2-Butanone (MEK)	83.7		5.0	2.2
591-78-6	2-Hexanone	88.7		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	0.63
67-64-1	Acetone	79.6		5.0	1.1
71-43-2	Benzene	21.5		1.0	0.090
75-25-2	Bromoform	12.2		1.0	0.18
74-83-9	Bromomethane	19.2		1.0	0.18
75-15-0	Carbon disulfide	21.3		1.0	0.22
56-23-5	Carbon tetrachloride	17.6		1.0	0.33
108-90-7	Chlorobenzene	20.1		1.0	0.24
74-97-5	Chlorobromomethane	20.4		1.0	0.30
124-48-1	Chlorodibromomethane	15.7		1.0	0.22
75-00-3	Chloroethane	21.8		1.0	0.37
67-66-3	Chloroform	21.5		1.0	0.22
74-87-3	Chloromethane	19.6		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.16
110-82-7	Cyclohexane	22.9		1.0	0.26
75-27-4	Dichlorobromomethane	18.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.5		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-314889/4

Matrix: Water | Lab File ID: J29689.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 06:13

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	19.8		1.0	0.19
98-82-8	Isopropylbenzene	21.4		1.0	0.32
79-20-9	Methyl acetate	108		5.0	0.58
1634-04-4	Methyl tert-butyl ether	21.9		1.0	0.13
108-87-2	Methylcyclohexane	20.5		1.0	0.22
75-09-2	Methylene Chloride	19.6		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	20.3		1.0	0.28
95-47-6	o-Xylene	20.6		1.0	0.32
100-42-5	Styrene	20.0		1.0	0.17
127-18-4	Tetrachloroethene	19.9		1.0	0.12
108-88-3	Toluene	20.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.19
79-01-6	Trichloroethene	21.4		1.0	0.22
75-69-4	Trichlorofluoromethane	24.0		1.0	0.15
75-01-4	Vinyl chloride	20.1		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	92		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29689.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-Aug-2015 06:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030444-004
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Aug-2015 14:33:40 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: moroneyc Date: 06-Aug-2015 07:34:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.817	0.003	97	13553	20.0	33.3	
2 Dichlorodifluoromethane	85	0.861	0.858	0.003	99	66070	20.0	18.5	
3 Chloromethane	50	1.090	1.088	0.002	100	95786	20.0	19.6	
4 Vinyl chloride	62	1.213	1.211	0.002	99	90171	20.0	20.1	
5 Butadiene	54	1.249	1.252	-0.003	0	83080	20.0	18.6	
6 Bromomethane	94	1.589	1.593	-0.004	98	43068	20.0	19.2	
7 Chloroethane	64	1.719	1.722	-0.003	99	58575	20.0	21.8	
8 Dichlorofluoromethane	67	1.965	1.963	0.002	97	140987	20.0	23.5	
9 Trichlorofluoromethane	101	1.971	1.975	-0.004	74	104255	20.0	24.0	
10 Pentane	72	2.036	2.034	0.002	96	19038	40.0	44.0	
11 Ethanol	46	2.259	2.251	0.008	91	16179	800.0	883.8	
12 Ethyl ether	59	2.306	2.304	0.002	93	65687	20.0	22.0	
13 2-Methyl-1,3-butadiene	53	2.330	2.327	0.003	87	73142	20.0	22.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.380	-0.003	97	44397	20.0	19.3	
15 1,1,2-Trichloro-1,2,2-trif	101	2.529	2.527	0.002	92	51580	20.0	20.0	
16 Acrolein	56	2.541	2.545	-0.004	32	4994	40.0	35.6	
17 1,1-Dichloroethene	96	2.582	2.580	0.002	93	57426	20.0	19.9	
18 Acetone	43	2.700	2.703	-0.003	85	140493	100.0	79.6	
19 Iodomethane	142	2.776	2.780	-0.004	99	61008	20.0	18.1	
20 Carbon disulfide	76	2.823	2.821	0.002	100	223800	20.0	21.3	
21 Isopropyl alcohol	45	2.835	2.827	0.008	40	43568	200.0	184.9	
22 3-Chloro-1-propene	76	3.005	3.009	-0.004	90	39786	20.0	21.0	
23 Methyl acetate	43	3.029	3.027	0.002	99	457610	100.0	108.4	
24 Cyclopentene	67	3.035	3.038	-0.003	93	201972	20.0	21.9	
25 Acetonitrile	41	3.093	3.091	0.002	98	139765	200.0	231.4	
* 26 TBA-d9 (IS)	65	3.170	3.168	0.002	92	221038	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.173	0.003	86	69555	20.0	19.6	
28 2-Methyl-2-propanol	59	3.258	3.256	0.002	98	67849	200.0	198.1	
29 Methyl tert-butyl ether	73	3.387	3.379	0.008	97	206459	20.0	21.9	
30 trans-1,2-Dichloroethene	96	3.428	3.426	0.002	98	63890	20.0	19.3	
31 Acrylonitrile	53	3.516	3.514	0.002	94	333896	200.0	228.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.622	3.620	0.002	0	62081	20.0	23.5	
33 Isopropyl ether	45	3.893	3.890	0.003	96	288276	20.0	21.9	
34 1,1-Dichloroethane	63	3.934	3.937	-0.003	99	144067	20.0	22.5	
35 Vinyl acetate	43	3.951	3.949	0.002	100	57321	40.0	15.4	
36 Allyl alcohol	57	3.975	3.972	0.003	45	24933	500.0	385.7	
37 2-Chloro-1,3-butadiene	88	3.992	3.996	-0.004	94	59435	20.0	21.6	
38 Tert-butyl ethyl ether	59	4.286	4.284	0.002	88	242584	20.0	21.1	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	95	352347	250.0	250.0	
40 2,2-Dichloropropane	97	4.545	4.542	0.003	93	21723	20.0	19.4	
41 cis-1,2-Dichloroethene	96	4.586	4.589	-0.003	91	70303	20.0	19.3	
42 2-Butanone (MEK)	72	4.598	4.601	-0.003	96	42509	100.0	83.7	
43 Ethyl acetate	43	4.603	4.601	0.002	96	348090	40.0	45.5	
44 Methyl acrylate	55	4.668	4.672	-0.004	99	75482	20.0	20.0	
45 Propionitrile	54	4.762	4.760	0.002	98	124533	200.0	210.8	
47 Tetrahydrofuran	72	4.862	4.854	0.008	77	17871	40.0	34.1	
46 Chlorobromomethane	128	4.868	4.866	0.002	91	30323	20.0	20.4	
48 Methacrylonitrile	67	4.885	4.883	0.002	97	334237	200.0	214.8	
49 Chloroform	83	4.927	4.924	0.003	96	120344	20.0	21.5	
50 Cyclohexane	56	5.073	5.077	-0.004	98	102740	20.0	22.9	
51 1,1,1-Trichloroethane	97	5.097	5.089	0.008	97	92101	20.0	20.5	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.118	-0.003	95	105831	50.0	48.8	
53 Carbon tetrachloride	117	5.244	5.236	0.008	98	60723	20.0	17.6	
54 1,1-Dichloropropene	75	5.279	5.277	0.002	91	87530	20.0	22.0	
55 Isobutyl alcohol	43	5.414	5.424	-0.010	87	79427	500.0	393.9	
56 Isooctane	57	5.467	5.465	0.002	98	166634	20.0	24.8	
57 Benzene	78	5.514	5.512	0.002	98	283922	20.0	21.5	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.538	5.529	0.009	98	160693	50.0	55.2	
60 Isopropyl acetate	43	5.567	5.565	0.002	92	261278	20.0	23.8	
59 Tert-amyl methyl ether	73	5.579	5.576	0.003	79	211435	20.0	20.7	
61 1,2-Dichloroethane	62	5.626	5.618	0.008	96	103762	20.0	23.6	
62 n-Heptane	57	5.685	5.682	0.003	99	35857	20.0	25.9	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	473319	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.088	0.002	92	233990	40.0	47.7	
65 n-Butanol	56	6.190	6.188	0.002	94	36739	500.0	345.2	
66 Trichloroethene	95	6.260	6.252	0.008	95	65299	20.0	21.4	
67 Ethyl acrylate	55	6.390	6.387	0.003	96	163048	20.0	22.0	
68 Methylcyclohexane	83	6.395	6.393	0.002	78	63857	20.0	20.5	
69 1,2-Dichloropropane	63	6.589	6.587	0.002	87	79437	20.0	20.9	
* 70 1,4-Dioxane-d8	96	6.648	6.646	0.002	39	28183	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.658	0.002	95	35849	40.0	37.9	
72 1,4-Dioxane	88	6.713	6.710	0.003	27	16019	400.0	440.3	
73 n-Propyl acetate	43	6.713	6.716	-0.003	98	133855	20.0	21.7	
74 Dibromomethane	93	6.742	6.740	0.002	91	39717	20.0	20.6	
75 Dichlorobromomethane	83	6.907	6.910	-0.003	97	85814	20.0	18.6	
77 2-Chloroethyl vinyl ether	63	7.265	7.269	-0.004	83	54577	20.0	21.2	
76 2-Nitropropane	41	7.271	7.274	-0.003	73	23863	40.0	20.5	
78 Epichlorohydrin	57	7.394	7.392	0.002	100	164912	400.0	388.0	
79 cis-1,3-Dichloropropene	75	7.459	7.457	0.002	98	114674	20.0	20.1	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.615	0.003	98	442130	100.0	103.6	
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	418173	50.0	45.9	
82 Toluene	91	7.811	7.809	0.002	93	273809	20.0	20.9	
83 trans-1,3-Dichloropropene	75	8.187	8.185	0.002	95	102824	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.193	8.191	0.002	93	87230	20.0	18.1	
85 1,1,2-Trichloroethane	83	8.423	8.420	0.002	94	53185	20.0	19.3	
86 Tetrachloroethene	166	8.475	8.473	0.002	92	46562	20.0	19.9	
87 1,3-Dichloropropane	76	8.646	8.649	-0.003	93	112388	20.0	21.4	
89 2-Hexanone	58	8.693	8.690	0.003	99	147763	100.0	88.7	
88 n-Butyl acetate	43	8.804	8.802	0.002	97	106604	20.0	32.1	
90 Chlorodibromomethane	129	8.904	8.896	0.008	98	47148	20.0	15.7	
91 Ethylene Dibromide	107	9.075	9.078	-0.003	97	57455	20.0	19.8	
* 92 Chlorobenzene-d5	117	9.568	9.572	-0.004	92	343501	50.0	50.0	
93 Chlorobenzene	112	9.598	9.601	-0.003	90	155782	20.0	20.1	
94 Ethylbenzene	106	9.674	9.672	0.002	100	79421	20.0	20.8	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.689	0.003	92	45878	20.0	16.7	
96 m-Xylene & p-Xylene	106	9.797	9.795	0.002	98	95972	20.0	20.3	
97 n-Butyl acrylate	73	10.132	10.136	-0.004	97	47285	20.0	16.5	
98 o-Xylene	106	10.173	10.177	-0.004	91	96498	20.0	20.6	
99 Styrene	104	10.203	10.200	0.003	91	177750	20.0	20.0	
100 Amyl acetate (mixed isomer	43	10.332	10.330	0.002	88	137519	20.0	19.9	
101 Bromoform	173	10.397	10.394	0.003	93	24257	20.0	12.2	
102 Isopropylbenzene	105	10.479	10.477	0.002	97	209211	20.0	21.4	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	84	101005	50.0	44.6	
104 Camphene	41	10.667	10.671	-0.003	97	22899	20.0	28.0	
105 Bromobenzene	156	10.767	10.765	0.002	91	57745	20.0	19.2	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.782	0.002	98	84991	20.0	20.7	
107 N-Propylbenzene	91	10.802	10.806	-0.004	98	254316	20.0	22.4	
108 1,2,3-Trichloropropane	110	10.831	10.823	0.008	94	22889	20.0	21.1	
109 trans-1,4-Dichloro-2-buten	53	10.831	10.835	-0.004	77	28519	20.0	21.6	
110 4-Ethyltoluene	105	10.890	10.888	0.002	98	212833	20.0	20.3	
111 2-Chlorotoluene	91	10.896	10.900	-0.004	97	198207	20.0	22.4	
112 1,3,5-Trimethylbenzene	105	10.937	10.941	-0.004	91	177234	20.0	22.0	
113 4-Chlorotoluene	91	10.984	10.982	0.002	99	180627	20.0	21.2	
114 Butyl Methacrylate	87	10.996	10.994	0.002	99	81682	20.0	17.8	
115 tert-Butylbenzene	119	11.166	11.164	0.002	94	127630	20.0	20.9	
116 1,2,4-Trimethylbenzene	105	11.207	11.205	0.002	99	185351	20.0	21.4	
117 sec-Butylbenzene	105	11.319	11.317	0.002	98	195104	20.0	22.2	
118 4-Isopropyltoluene	119	11.407	11.405	0.002	97	167213	20.0	22.1	
119 1,3-Dichlorobenzene	146	11.431	11.428	0.003	93	102741	20.0	20.7	
* 120 1,4-Dichlorobenzene-d4	152	11.478	11.475	0.003	98	156008	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.495	11.493	0.002	90	105119	20.0	19.8	
122 Benzyl chloride	91	11.589	11.581	0.008	98	148771	20.0	16.9	
123 2,3-Dihydroindene	117	11.636	11.634	0.002	92	228862	20.0	20.6	
124 p-Diethylbenzene	119	11.654	11.652	0.002	91	108090	20.0	19.7	
125 n-Butylbenzene	91	11.672	11.669	0.003	97	208935	20.0	23.6	
126 1,2-Dichlorobenzene	146	11.742	11.740	0.002	92	101671	20.0	20.0	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.163	0.008	97	158297	20.0	20.3	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.263	0.008	89	13413	20.0	18.1	
129 1,3,5-Trichlorobenzene	180	12.365	12.363	0.002	95	58268	20.0	19.8	
130 Camphor	95	12.753	12.750	0.003	96	39231	100.0	100.8	
131 1,2,4-Trichlorobenzene	180	12.823	12.815	0.008	93	50733	20.0	19.2	
132 Hexachlorobutadiene	225	12.888	12.880	0.008	86	20440	20.0	20.2	
133 Naphthalene	128	13.029	13.021	0.008	98	169528	20.0	20.3	
134 1,2,3-Trichlorobenzene	180	13.217	13.209	0.008	93	47482	20.0	20.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	38.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	40.8	
S 137 Total BTEX	1				0		100.0	104.0	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Aug-2015 14:33:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29689.D

Injection Date: 06-Aug-2015 06:13:30 Instrument ID: CVOAMS8 Operator ID:

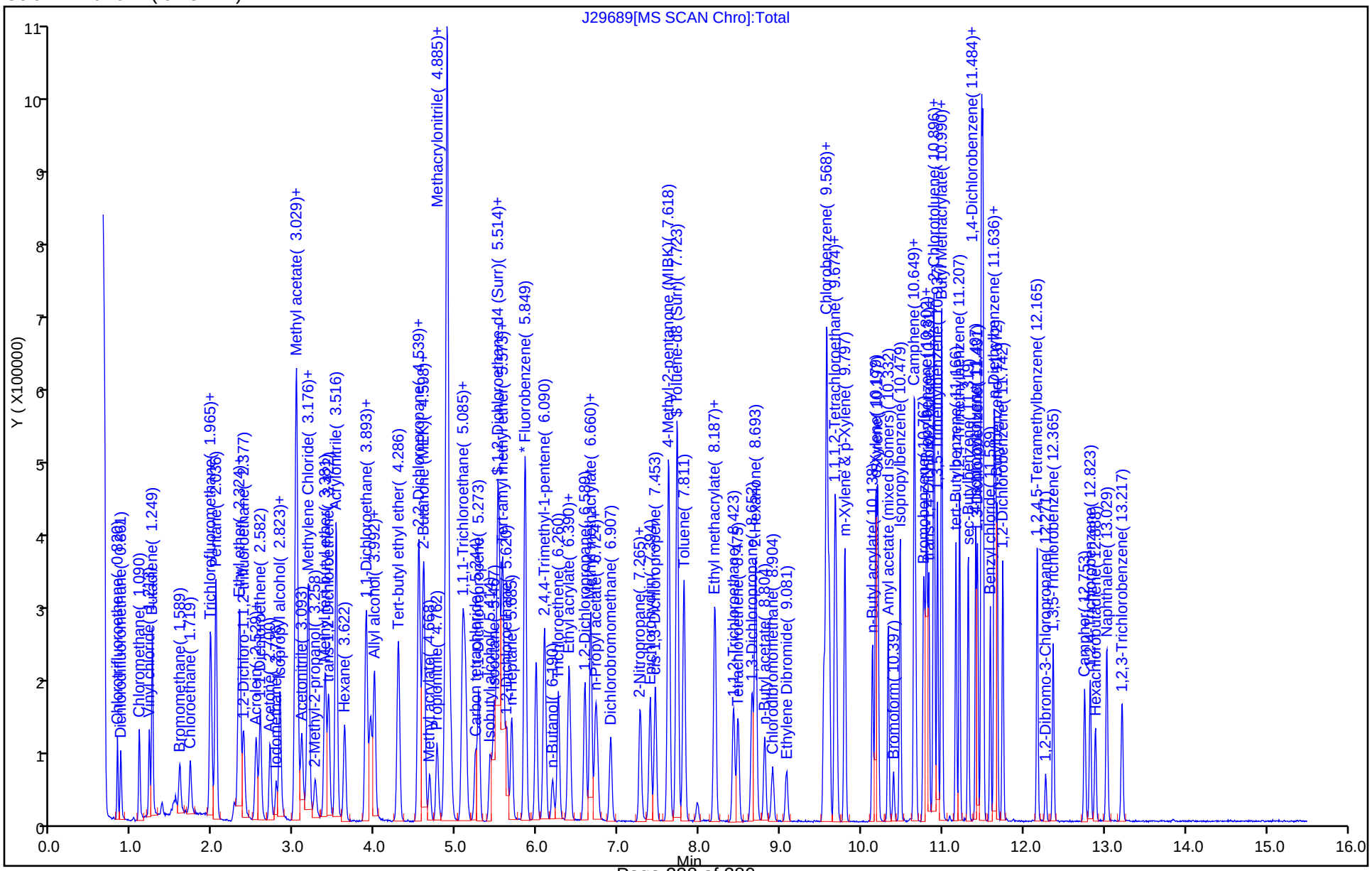
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-315171/5

Matrix: Water | Lab File ID: J29718.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 06:43

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	20.6		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.9		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.0		1.0	0.080
75-34-3	1,1-Dichloroethane	22.7		1.0	0.24
75-35-4	1,1-Dichloroethene	20.3		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	21.1		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.22
107-06-2	1,2-Dichloroethane	23.3		1.0	0.25
78-87-5	1,2-Dichloropropane	21.2		1.0	0.18
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.33
123-91-1	1,4-Dioxane	476		50	8.7
78-93-3	2-Butanone (MEK)	82.6		5.0	2.2
591-78-6	2-Hexanone	88.5		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	0.63
67-64-1	Acetone	76.2		5.0	1.1
71-43-2	Benzene	21.6		1.0	0.090
75-25-2	Bromoform	12.0		1.0	0.18
74-83-9	Bromomethane	20.3		1.0	0.18
75-15-0	Carbon disulfide	21.9		1.0	0.22
56-23-5	Carbon tetrachloride	17.9		1.0	0.33
108-90-7	Chlorobenzene	20.1		1.0	0.24
74-97-5	Chlorobromomethane	20.1		1.0	0.30
124-48-1	Chlorodibromomethane	15.0		1.0	0.22
75-00-3	Chloroethane	21.6		1.0	0.37
67-66-3	Chloroform	21.7		1.0	0.22
74-87-3	Chloromethane	18.9		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.16
110-82-7	Cyclohexane	23.1		1.0	0.26
75-27-4	Dichlorobromomethane	18.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-315171/5

Matrix: Water | Lab File ID: J29718.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 06:43

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.2		1.0	0.30
106-93-4	Ethylene Dibromide	19.5		1.0	0.19
98-82-8	Isopropylbenzene	21.9		1.0	0.32
79-20-9	Methyl acetate	109		5.0	0.58
1634-04-4	Methyl tert-butyl ether	21.4		1.0	0.13
108-87-2	Methylcyclohexane	21.7		1.0	0.22
75-09-2	Methylene Chloride	20.4		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	21.1		1.0	0.28
95-47-6	o-Xylene	21.3		1.0	0.32
100-42-5	Styrene	20.4		1.0	0.17
127-18-4	Tetrachloroethene	19.7		1.0	0.12
108-88-3	Toluene	21.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.19
79-01-6	Trichloroethene	21.7		1.0	0.22
75-69-4	Trichlorofluoromethane	22.2		1.0	0.15
75-01-4	Vinyl chloride	20.0		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
460-00-4	4-Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	90		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29718.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Aug-2015 06:43:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030486-005
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2015 12:38:10 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: moroneyc Date: 07-Aug-2015 08:06:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.822	0.822	0.000	98	12892	20.0	32.2	
2 Dichlorodifluoromethane	85	0.863	0.863	0.000	99	63582	20.0	18.1	
3 Chloromethane	50	1.092	1.092	0.000	99	90821	20.0	18.9	
4 Vinyl chloride	62	1.216	1.216	0.000	98	88462	20.0	20.0	
5 Butadiene	54	1.251	1.251	0.000	0	80337	20.0	18.3	
6 Bromomethane	94	1.592	1.592	0.000	99	44709	20.0	20.3	
7 Chloroethane	64	1.721	1.721	0.000	99	57145	20.0	21.6	
8 Dichlorofluoromethane	67	1.968	1.968	0.000	98	138231	20.0	23.5	
9 Trichlorofluoromethane	101	1.974	1.974	0.000	98	94826	20.0	22.2	
10 Pentane	72	2.033	2.033	0.000	96	18029	40.0	45.2	
11 Ethanol	46	2.262	2.262	0.000	96	13609	800.0	807.9	
12 Ethyl ether	59	2.309	2.309	0.000	94	62676	20.0	21.3	
13 2-Methyl-1,3-butadiene	53	2.332	2.332	0.000	82	74184	20.0	23.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.373	2.373	0.000	98	46823	20.0	20.7	
15 1,1,2-Trichloro-1,2,2-trif	101	2.532	2.532	0.000	93	53112	20.0	20.9	
16 Acrolein	56	2.544	2.544	0.000	30	4402	40.0	34.1	
17 1,1-Dichloroethene	96	2.585	2.585	0.000	94	57654	20.0	20.3	
18 Acetone	43	2.702	2.702	0.000	85	133849	100.0	76.2	
19 Iodomethane	142	2.779	2.779	0.000	98	62919	20.0	18.9	
20 Carbon disulfide	76	2.826	2.826	0.000	100	227038	20.0	21.9	
21 Isopropyl alcohol	45	2.832	2.832	0.000	36	43809	200.0	202.5	
22 3-Chloro-1-propene	76	3.008	3.008	0.000	88	38083	20.0	20.4	
23 Methyl acetate	43	3.025	3.025	0.000	98	452659	100.0	109.0	
24 Cyclopentene	67	3.037	3.037	0.000	94	199085	20.0	21.9	
25 Acetonitrile	41	3.096	3.096	0.000	100	139010	200.0	250.1	
* 26 TBA-d9 (IS)	65	3.172	3.172	0.000	85	203404	1000.0	1000.0	
27 Methylene Chloride	84	3.178	3.178	0.000	96	71312	20.0	20.4	
28 2-Methyl-2-propanol	59	3.260	3.260	0.000	98	65503	200.0	208.9	
29 Methyl tert-butyl ether	73	3.384	3.384	0.000	96	198425	20.0	21.4	
30 trans-1,2-Dichloroethene	96	3.425	3.425	0.000	97	65441	20.0	20.1	
31 Acrylonitrile	53	3.519	3.519	0.000	94	322751	200.0	239.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.619	3.619	0.000	0	61917	20.0	23.8	
33 Isopropyl ether	45	3.889	3.889	0.000	97	290421	20.0	22.4	
34 1,1-Dichloroethane	63	3.942	3.942	0.000	100	142878	20.0	22.7	
35 Vinyl acetate	43	3.954	3.954	0.000	100	53756	40.0	14.6	
36 Allyl alcohol	57	3.971	3.971	0.000	44	21686	500.0	364.6	
37 2-Chloro-1,3-butadiene	88	3.989	3.989	0.000	94	60441	20.0	22.3	
38 Tert-butyl ethyl ether	59	4.283	4.283	0.000	87	240741	20.0	21.3	
* 39 2-Butanone-d5	46	4.530	4.530	0.000	96	350618	250.0	250.0	
40 2,2-Dichloropropane	97	4.553	4.553	0.000	93	22496	20.0	20.5	
41 cis-1,2-Dichloroethene	96	4.588	4.588	0.000	92	70743	20.0	19.8	
42 2-Butanone (MEK)	72	4.600	4.600	0.000	95	41743	100.0	82.6	
43 Ethyl acetate	43	4.600	4.600	0.000	94	344988	40.0	45.3	
44 Methyl acrylate	55	4.676	4.676	0.000	99	71192	20.0	19.2	
45 Propionitrile	54	4.759	4.759	0.000	97	122305	200.0	225.0	
47 Tetrahydrofuran	72	4.853	4.853	0.000	71	17960	40.0	34.4	
46 Chlorobromomethane	128	4.864	4.864	0.000	94	29320	20.0	20.1	
48 Methacrylonitrile	67	4.888	4.888	0.000	97	325588	200.0	212.7	
49 Chloroform	83	4.929	4.929	0.000	97	119533	20.0	21.7	
50 Cyclohexane	56	5.076	5.076	0.000	97	101860	20.0	23.1	
51 1,1,1-Trichloroethane	97	5.100	5.100	0.000	97	92838	20.0	21.1	
$ 52 Dibromofluoromethane (Surr	113	5.117	5.117	0.000	95	106941	50.0	50.1	
53 Carbon tetrachloride	117	5.241	5.241	0.000	95	60790	20.0	17.9	
54 1,1-Dichloropropene	75	5.282	5.282	0.000	92	89969	20.0	23.0	
55 Isobutyl alcohol	43	5.423	5.423	0.000	95	77545	500.0	417.9	
56 Isooctane	57	5.464	5.464	0.000	100	172510	20.0	26.1	
57 Benzene	78	5.511	5.511	0.000	98	282991	20.0	21.6	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.534	5.534	0.000	98	156234	50.0	54.5	
59 Tert-amyl methyl ether	73	5.575	5.575	0.000	98	206677	20.0	20.6	
60 Isopropyl acetate	43	5.570	5.570	0.000	96	260906	20.0	24.2	
61 1,2-Dichloroethane	62	5.622	5.622	0.000	96	100819	20.0	23.3	
62 n-Heptane	57	5.687	5.687	0.000	98	37543	20.0	27.6	
* 63 Fluorobenzene	96	5.846	5.846	0.000	98	465630	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.087	6.087	0.000	92	235121	40.0	48.7	
65 n-Butanol	56	6.186	6.186	0.000	92	38119	500.0	389.3	
66 Trichloroethene	95	6.257	6.257	0.000	93	65245	20.0	21.7	
68 Methylcyclohexane	83	6.398	6.398	0.000	78	66420	20.0	21.7	
67 Ethyl acrylate	55	6.392	6.392	0.000	97	164948	20.0	22.6	
69 1,2-Dichloropropane	63	6.586	6.586	0.000	87	79347	20.0	21.2	
* 70 1,4-Dioxane-d8	96	6.651	6.651	0.000	38	26675	1000.0	1000.0	
71 Methyl methacrylate	100	6.662	6.662	0.000	95	33919	40.0	36.5	
72 1,4-Dioxane	88	6.709	6.709	0.000	33	16380	400.0	475.6	
73 n-Propyl acetate	43	6.715	6.715	0.000	98	124637	20.0	20.6	
74 Dibromomethane	93	6.733	6.733	0.000	92	39371	20.0	20.7	
75 Dichlorobromomethane	83	6.909	6.909	0.000	99	83694	20.0	18.4	
77 2-Chloroethyl vinyl ether	63	7.268	7.268	0.000	83	53993	20.0	21.3	
76 2-Nitropropane	41	7.268	7.268	0.000	70	20976	40.0	18.2	
78 Epichlorohydrin	57	7.391	7.391	0.000	100	160063	400.0	378.4	
79 cis-1,3-Dichloropropene	75	7.456	7.456	0.000	98	113528	20.0	20.0	
80 4-Methyl-2-pentanone (MIBK	43	7.620	7.620	0.000	98	429739	100.0	101.1	
$ 81 Toluene-d8 (Surr)	98	7.726	7.726	0.000	98	409407	50.0	45.2	
82 Toluene	91	7.808	7.808	0.000	93	274204	20.0	21.0	
83 trans-1,3-Dichloropropene	75	8.184	8.184	0.000	87	96058	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.196	8.196	0.000	85	87088	20.0	18.4	
85 1,1,2-Trichloroethane	83	8.419	8.419	0.000	95	52337	20.0	19.0	
86 Tetrachloroethene	166	8.478	8.478	0.000	92	45973	20.0	19.7	
87 1,3-Dichloropropane	76	8.648	8.648	0.000	96	108529	20.0	20.8	
89 2-Hexanone	58	8.689	8.689	0.000	99	146556	100.0	88.5	
88 n-Butyl acetate	43	8.801	8.801	0.000	98	103922	20.0	31.4	
90 Chlorodibromomethane	129	8.901	8.901	0.000	95	44801	20.0	15.0	
91 Ethylene Dibromide	107	9.071	9.071	0.000	99	56184	20.0	19.5	
* 92 Chlorobenzene-d5	117	9.571	9.571	0.000	91	341676	50.0	50.0	
93 Chlorobenzene	112	9.606	9.606	0.000	90	154972	20.0	20.1	
94 Ethylbenzene	106	9.671	9.671	0.000	99	80676	20.0	21.2	
95 1,1,1,2-Tetrachloroethane	131	9.694	9.694	0.000	89	46170	20.0	16.9	
96 m-Xylene & p-Xylene	106	9.794	9.794	0.000	98	99526	20.0	21.1	
97 n-Butyl acrylate	73	10.135	10.135	0.000	96	44438	20.0	15.6	
98 o-Xylene	106	10.176	10.176	0.000	92	99182	20.0	21.3	
99 Styrene	104	10.199	10.199	0.000	94	180140	20.0	20.4	
100 Amyl acetate (mixed isomer	43	10.329	10.329	0.000	89	130924	20.0	19.3	
101 Bromoform	173	10.393	10.393	0.000	92	23709	20.0	12.0	
102 Isopropylbenzene	105	10.476	10.476	0.000	97	212965	20.0	21.9	
$ 103 4-Bromofluorobenzene	174	10.652	10.652	0.000	81	102225	50.0	45.4	
104 Camphene	41	10.664	10.664	0.000	97	21014	20.0	25.8	
105 Bromobenzene	156	10.763	10.763	0.000	91	59338	20.0	20.0	
106 1,1,2,2-Tetrachloroethane	83	10.787	10.787	0.000	98	83283	20.0	20.6	
107 N-Propylbenzene	91	10.805	10.805	0.000	98	258976	20.0	23.1	
108 1,2,3-Trichloropropane	110	10.828	10.828	0.000	94	23091	20.0	21.6	
109 trans-1,4-Dichloro-2-buten	53	10.834	10.834	0.000	86	26015	20.0	20.0	
110 4-Ethyltoluene	105	10.893	10.893	0.000	97	215187	20.0	20.9	
111 2-Chlorotoluene	91	10.899	10.899	0.000	96	199419	20.0	22.9	
112 1,3,5-Trimethylbenzene	105	10.940	10.940	0.000	92	177570	20.0	22.4	
113 4-Chlorotoluene	91	10.987	10.987	0.000	98	182801	20.0	21.8	
114 Butyl Methacrylate	87	10.993	10.993	0.000	98	77402	20.0	17.1	
115 tert-Butylbenzene	119	11.163	11.163	0.000	91	131790	20.0	21.9	
116 1,2,4-Trimethylbenzene	105	11.210	11.210	0.000	99	191482	20.0	22.4	
117 sec-Butylbenzene	105	11.316	11.316	0.000	98	196892	20.0	22.7	
118 4-Isopropyltoluene	119	11.410	11.410	0.000	97	168195	20.0	22.5	
119 1,3-Dichlorobenzene	146	11.427	11.427	0.000	93	103179	20.0	21.1	
* 120 1,4-Dichlorobenzene-d4	152	11.474	11.474	0.000	98	153607	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.492	11.492	0.000	90	104812	20.0	20.0	
122 Benzyl chloride	91	11.586	11.586	0.000	97	135351	20.0	15.6	
123 2,3-Dihydroindene	117	11.633	11.633	0.000	94	227212	20.0	20.8	
124 p-Diethylbenzene	119	11.651	11.651	0.000	91	112226	20.0	20.8	
125 n-Butylbenzene	91	11.674	11.674	0.000	97	213552	20.0	24.5	M
126 1,2-Dichlorobenzene	146	11.739	11.739	0.000	93	105149	20.0	21.0	
127 1,2,4,5-Tetramethylbenzene	119	12.168	12.168	0.000	96	156817	20.0	20.4	
128 1,2-Dibromo-3-Chloropropan	75	12.268	12.268	0.000	83	13666	20.0	18.8	
129 1,3,5-Trichlorobenzene	180	12.362	12.362	0.000	94	58604	20.0	20.2	
130 Camphor	95	12.749	12.749	0.000	96	38835	100.0	101.3	
131 1,2,4-Trichlorobenzene	180	12.814	12.814	0.000	94	52355	20.0	20.1	
132 Hexachlorobutadiene	225	12.879	12.879	0.000	86	21979	20.0	22.2	
133 Naphthalene	128	13.020	13.020	0.000	98	172251	20.0	20.9	
134 1,2,3-Trichlorobenzene	180	13.214	13.214	0.000	93	47225	20.0	21.1	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	42.4	
S 137 Total BTEX	1				0		100.0	106.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00113	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Aug-2015 12:38:12 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29718.D

Injection Date: 07-Aug-2015 06:43:30 Instrument ID: CVOAMS8 Operator ID:

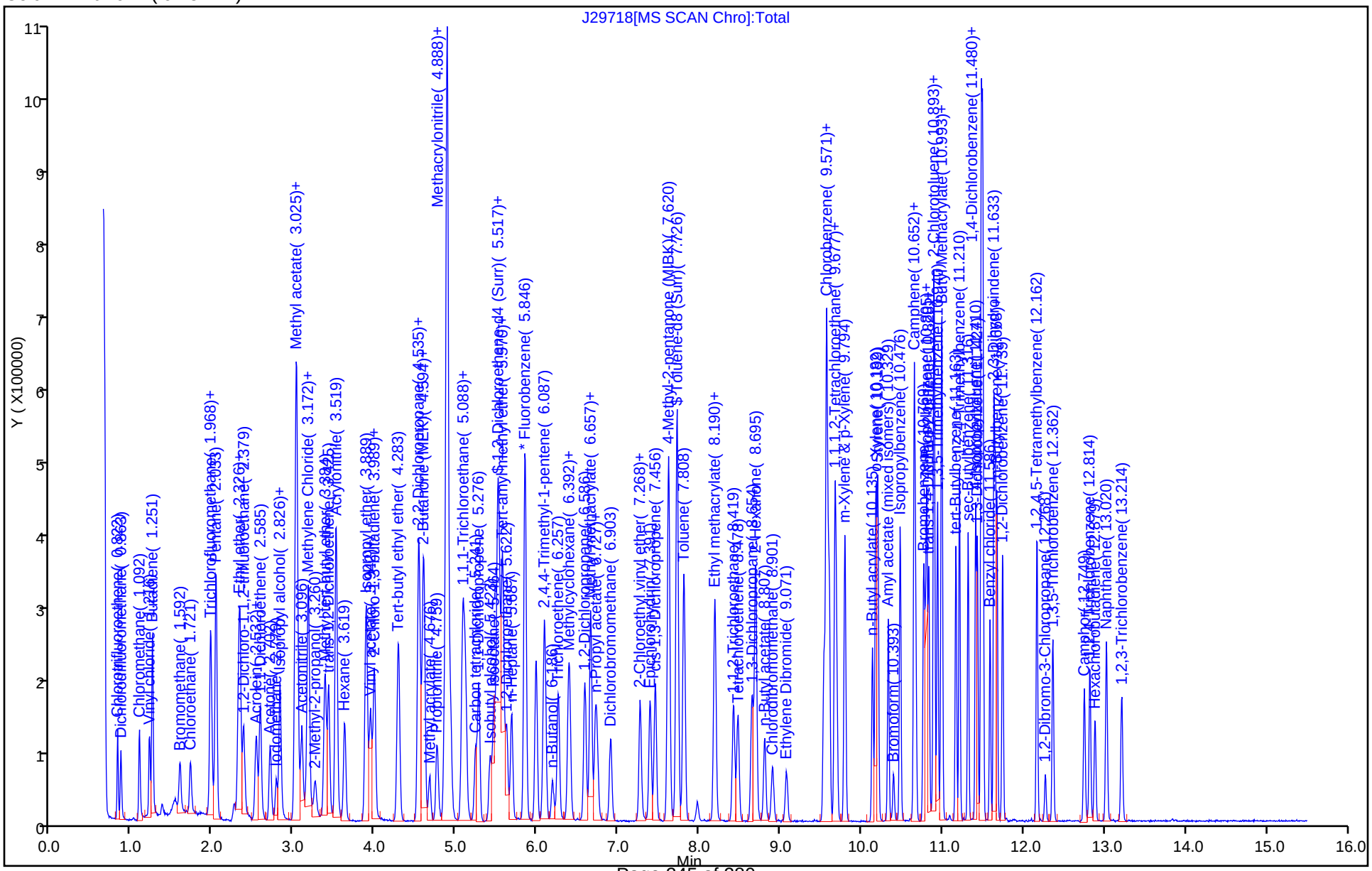
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98769-A-22 MS

Matrix: Water | Lab File ID: J29699.D

Analysis Method: 8260C | Date Collected: 07/30/2015 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 10:37

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	208		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	198		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	207		10	3.4
79-00-5	1,1,2-Trichloroethane	183		10	0.80
75-34-3	1,1-Dichloroethane	226		10	2.4
75-35-4	1,1-Dichloroethene	203		10	3.4
87-61-6	1,2,3-Trichlorobenzene	182		10	3.5
120-82-1	1,2,4-Trichlorobenzene	167		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	179		10	2.3
95-50-1	1,2-Dichlorobenzene	194		10	2.2
107-06-2	1,2-Dichloroethane	239		10	2.5
78-87-5	1,2-Dichloropropane	216		10	1.8
541-73-1	1,3-Dichlorobenzene	190		10	3.3
106-46-7	1,4-Dichlorobenzene	188		10	3.3
123-91-1	1,4-Dioxane	3290		500	87
78-93-3	2-Butanone (MEK)	867		50	22
591-78-6	2-Hexanone	889		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1030		50	6.3
67-64-1	Acetone	678		50	11
71-43-2	Benzene	214		10	0.90
75-25-2	Bromoform	124		10	1.8
74-83-9	Bromomethane	174		10	1.8
75-15-0	Carbon disulfide	223		10	2.2
56-23-5	Carbon tetrachloride	174		10	3.3
108-90-7	Chlorobenzene	200		10	2.4
74-97-5	Chlorobromomethane	207		10	3.0
124-48-1	Chlorodibromomethane	150		10	2.2
75-00-3	Chloroethane	223		10	3.7
67-66-3	Chloroform	222		10	2.2
74-87-3	Chloromethane	188		10	2.2
156-59-2	cis-1,2-Dichloroethene	195		10	2.6
10061-01-5	cis-1,3-Dichloropropene	195		10	1.6
110-82-7	Cyclohexane	228		10	2.6
75-27-4	Dichlorobromomethane	187		10	1.5
75-71-8	Dichlorodifluoromethane	172		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98769-A-22 MS

Matrix: Water | Lab File ID: J29699.D

Analysis Method: 8260C | Date Collected: 07/30/2015 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 10:37

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	216		10	3.0
106-93-4	Ethylene Dibromide	194		10	1.9
98-82-8	Isopropylbenzene	209		10	3.2
79-20-9	Methyl acetate	1150		50	5.8
1634-04-4	Methyl tert-butyl ether	264		10	1.3
108-87-2	Methylcyclohexane	203		10	2.2
75-09-2	Methylene Chloride	204		10	2.1
179601-23-1	m-Xylene & p-Xylene	211		10	2.8
95-47-6	o-Xylene	204		10	3.2
100-42-5	Styrene	198		10	1.7
127-18-4	Tetrachloroethene	186		10	1.2
108-88-3	Toluene	207		10	2.5
156-60-5	trans-1,2-Dichloroethene	199		10	1.8
10061-02-6	trans-1,3-Dichloropropene	196		10	1.9
79-01-6	Trichloroethene	210		10	2.2
75-69-4	Trichlorofluoromethane	233		10	1.5
75-01-4	Vinyl chloride	195		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	90		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29699.D
Lims ID: 460-98769-A-22 MS
Client ID:
Sample Type: MS
Inject. Date: 06-Aug-2015 10:37:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-98769-A-22 MS
Misc. Info.: 460-0030444-014
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Aug-2015 14:45:36 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 06-Aug-2015 14:45:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.817	0.003	97	12057	20.0	29.4	
2 Dichlorodifluoromethane	85	0.855	0.863	-0.008	99	61443	20.0	17.2	
3 Chloromethane	50	1.084	1.092	-0.008	100	92173	20.0	18.8	
4 Vinyl chloride	62	1.208	1.216	-0.008	99	88335	20.0	19.5	
5 Butadiene	54	1.249	1.257	-0.008	0	82469	20.0	18.4	
6 Bromomethane	94	1.596	1.603	-0.007	97	39251	20.0	17.4	
7 Chloroethane	64	1.719	1.733	-0.014	99	60152	20.0	22.3	
8 Dichlorofluoromethane	67	1.960	1.974	-0.014	99	140503	20.0	23.3	
9 Trichlorofluoromethane	101	1.972	1.974	-0.002	98	101991	20.0	23.3	
10 Pentane	72	2.030	2.026	0.004	96	18147	40.0	40.9	
11 Ethanol	46	2.254	2.256	-0.002	92	13330	800.0	710.1	
12 Ethyl ether	59	2.301	2.308	-0.007	91	64999	20.0	21.7	
13 2-Methyl-1,3-butadiene	53	2.324	2.332	-0.008	86	75210	20.0	23.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.373	0.004	98	47905	20.0	20.7	
15 1,1,2-Trichloro-1,2,2-trif	101	2.524	2.532	-0.008	92	53778	20.0	20.7	
16 Acrolein	56	2.536	2.543	-0.007	31	5963	40.0	41.4	
17 1,1-Dichloroethene	96	2.577	2.585	-0.008	92	58771	20.0	20.3	
18 Acetone	43	2.700	2.708	-0.008	86	126855	100.0	67.8	
19 Iodomethane	142	2.777	2.773	0.004	99	59822	20.0	17.6	
20 Carbon disulfide	76	2.824	2.820	0.004	100	235507	20.0	22.3	
21 Isopropyl alcohol	45	2.829	2.831	-0.002	37	40456	200.0	166.9	
22 3-Chloro-1-propene	76	3.012	3.008	0.004	95	39242	20.0	20.6	
23 Methyl acetate	43	3.023	3.025	-0.002	99	486414	100.0	114.6	
24 Cyclopentene	67	3.029	3.031	-0.002	89	202844	20.0	21.9	
25 Acetonitrile	41	3.094	3.096	-0.002	99	139595	200.0	225.4	
* 26 TBA-d9 (IS)	65	3.164	3.166	-0.002	94	226655	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.178	-0.002	97	72556	20.0	20.4	
28 2-Methyl-2-propanol	59	3.258	3.260	-0.002	98	63467	200.0	178.8	
29 Methyl tert-butyl ether	73	3.376	3.384	-0.008	97	250234	20.0	26.4	
30 trans-1,2-Dichloroethene	96	3.423	3.431	-0.008	98	66085	20.0	19.9	
31 Acrylonitrile	53	3.517	3.519	-0.002	97	349372	200.0	232.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.623	3.619	0.004	0	60980	20.0	23.0	
33 Isopropyl ether	45	3.881	3.889	-0.008	97	299572	20.0	22.6	
34 1,1-Dichloroethane	63	3.934	3.930	0.004	99	144929	20.0	22.6	
35 Vinyl acetate	43	3.952	3.954	-0.002	94	66560	40.0	17.8	
36 Allyl alcohol	57	3.969	3.983	-0.014	31	17516	500.0	264.3	
37 2-Chloro-1,3-butadiene	88	3.987	4.001	-0.014	93	63443	20.0	22.9	
38 Tert-butyl ethyl ether	59	4.287	4.283	0.004	87	248751	20.0	21.6	
* 39 2-Butanone-d5	46	4.527	4.529	-0.002	94	373404	250.0	250.0	
40 2,2-Dichloropropane	97	4.545	4.542	0.003	55	21697	20.0	19.2	
41 cis-1,2-Dichloroethene	96	4.586	4.588	-0.002	91	71285	20.0	19.5	
42 2-Butanone (MEK)	72	4.598	4.588	0.010	95	46658	100.0	86.7	
43 Ethyl acetate	43	4.598	4.600	-0.002	95	367907	40.0	45.3	
44 Methyl acrylate	55	4.674	4.670	0.004	99	80592	20.0	21.3	
45 Propionitrile	54	4.762	4.764	-0.002	98	131573	200.0	217.2	
47 Tetrahydrofuran	72	4.856	4.847	0.009	73	19747	40.0	35.6	
46 Chlorobromomethane	128	4.856	4.866	-0.010	92	30842	20.0	20.7	
48 Methacrylonitrile	67	4.886	4.894	-0.008	96	358211	200.0	229.1	
49 Chloroform	83	4.921	4.929	-0.008	97	124870	20.0	22.2	
50 Cyclohexane	56	5.080	5.076	0.004	97	102817	20.0	22.8	
51 1,1,1-Trichloroethane	97	5.097	5.089	0.008	96	93826	20.0	20.8	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.117	-0.002	93	108619	50.0	49.8	
53 Carbon tetrachloride	117	5.232	5.234	-0.002	94	60384	20.0	17.4	
54 1,1-Dichloropropene	75	5.279	5.277	0.002	92	91014	20.0	22.8	
55 Isobutyl alcohol	43	5.415	5.417	-0.002	50	65382	500.0	316.2	
56 Isooctane	57	5.468	5.469	-0.001	99	133697	20.0	19.8	
57 Benzene	78	5.509	5.511	-0.002	98	295602	20.0	21.4	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.534	-0.002	98	163107	50.0	55.7	
60 Isopropyl acetate	43	5.567	5.565	0.002	96	273775	20.0	24.8	
59 Tert-amyl methyl ether	73	5.573	5.575	-0.002	95	222646	20.0	21.7	
61 1,2-Dichloroethane	62	5.620	5.622	-0.002	96	105813	20.0	23.9	
62 n-Heptane	57	5.679	5.675	0.004	97	27367	20.0	19.7	
* 63 Fluorobenzene	96	5.849	5.845	0.004	97	475710	50.0	50.0	
67 Ethyl acrylate	55	6.384	6.086	0.298	97	164541	20.0	22.1	
64 2,4,4-Trimethyl-1-pentene	57	6.084	6.092	-0.008	94	219015	40.0	44.4	
65 n-Butanol	56	6.190	6.180	0.010	92	31551	500.0	289.1	
66 Trichloroethene	95	6.255	6.257	-0.002	93	64472	20.0	21.0	
68 Methylcyclohexane	83	6.396	6.398	-0.002	76	63675	20.0	20.3	
69 1,2-Dichloropropane	63	6.584	6.586	-0.002	86	82616	20.0	21.6	
* 70 1,4-Dioxane-d8	96	6.643	6.650	-0.007	76	28194	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.656	0.004	95	38125	40.0	40.1	
72 1,4-Dioxane	88	6.707	6.703	0.004	30	11982	400.0	329.2	
73 n-Propyl acetate	43	6.719	6.721	-0.002	98	139926	20.0	22.6	
74 Dibromomethane	93	6.737	6.744	-0.007	92	41507	20.0	21.4	
75 Dichlorobromomethane	83	6.901	6.897	0.004	98	86874	20.0	18.7	
77 2-Chloroethyl vinyl ether	63	7.260	7.267	-0.007	61	15816	20.0	6.12	
76 2-Nitropropane	41	7.271	7.267	0.004	74	22901	40.0	19.5	
78 Epichlorohydrin	57	7.389	7.397	-0.008	100	163634	400.0	363.3	
79 cis-1,3-Dichloropropene	75	7.459	7.461	-0.002	97	115790	20.0	19.5	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.620	-0.002	99	467964	100.0	103.4	
$ 81 Toluene-d8 (Surr)	98	7.724	7.726	-0.002	98	426805	50.0	44.8	
82 Toluene	91	7.806	7.814	-0.008	93	283999	20.0	20.7	
83 trans-1,3-Dichloropropene	75	8.182	8.190	-0.008	95	100168	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.200	8.196	0.004	94	92019	20.0	19.0	
85 1,1,2-Trichloroethane	83	8.423	8.419	0.004	94	52859	20.0	18.3	
86 Tetrachloroethene	166	8.476	8.472	0.004	91	45492	20.0	18.6	
87 1,3-Dichloropropane	76	8.652	8.648	0.004	96	114734	20.0	20.9	
89 2-Hexanone	58	8.693	8.701	-0.008	97	156868	100.0	88.9	
88 n-Butyl acetate	43	8.805	8.807	-0.002	97	114808	20.0	33.1	
90 Chlorodibromomethane	129	8.905	8.901	0.004	97	47014	20.0	15.0	
91 Ethylene Dibromide	107	9.075	9.065	0.010	98	58783	20.0	19.4	
* 92 Chlorobenzene-d5	117	9.569	9.571	-0.001	90	359099	50.0	50.0	
93 Chlorobenzene	112	9.598	9.606	-0.008	91	162024	20.0	20.0	
94 Ethylbenzene	106	9.674	9.665	0.010	100	86294	20.0	21.6	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.694	-0.002	90	47939	20.0	16.7	
96 m-Xylene & p-Xylene	106	9.792	9.788	0.004	98	104741	20.0	21.1	
97 n-Butyl acrylate	73	10.133	10.140	-0.007	95	47957	20.0	16.0	
98 o-Xylene	106	10.174	10.170	0.004	92	99995	20.0	20.4	
99 Styrene	104	10.203	10.199	0.004	92	184065	20.0	19.8	
100 Amyl acetate (mixed isomer	43	10.332	10.328	0.004	89	140804	20.0	19.6	
101 Bromoform	173	10.391	10.399	-0.008	92	25738	20.0	12.4	
102 Isopropylbenzene	105	10.479	10.475	0.004	97	213737	20.0	20.9	
$ 103 4-Bromofluorobenzene	174	10.650	10.652	-0.002	82	105635	50.0	44.6	
104 Camphene	41	10.667	10.663	0.004	97	16879	20.0	19.5	
105 Bromobenzene	156	10.767	10.763	0.004	91	58165	20.0	18.5	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.787	-0.002	98	84571	20.0	19.8	
107 N-Propylbenzene	91	10.802	10.804	-0.002	98	266328	20.0	22.5	
108 1,2,3-Trichloropropane	110	10.826	10.828	-0.002	94	22642	20.0	20.0	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.834	-0.002	75	28527	20.0	20.7	
110 4-Ethyltoluene	105	10.891	10.892	-0.001	99	227796	20.0	20.8	
111 2-Chlorotoluene	91	10.896	10.898	-0.002	97	199937	20.0	21.7	
112 1,3,5-Trimethylbenzene	105	10.938	10.934	0.004	92	187754	20.0	22.3	
113 4-Chlorotoluene	91	10.985	10.981	0.004	99	178163	20.0	20.1	
114 Butyl Methacrylate	87	10.996	10.998	-0.002	98	79334	20.0	16.5	
115 tert-Butylbenzene	119	11.167	11.163	0.004	91	123835	20.0	19.4	
116 1,2,4-Trimethylbenzene	105	11.214	11.210	0.004	98	247190	20.0	27.4	
117 sec-Butylbenzene	105	11.319	11.316	0.003	99	183082	20.0	19.9	
118 4-Isopropyltoluene	119	11.413	11.410	0.003	97	156894	20.0	19.8	
119 1,3-Dichlorobenzene	146	11.437	11.433	0.004	94	98498	20.0	19.0	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.480	0.004	98	162647	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.502	11.498	0.004	82	103874	20.0	18.8	
122 Benzyl chloride	91	11.596	11.586	0.010	98	135515	20.0	14.8	
123 2,3-Dihydroindene	117	11.643	11.633	0.010	94	235138	20.0	20.3	
124 p-Diethylbenzene	119	11.660	11.656	0.004	90	114110	20.0	20.0	
125 n-Butylbenzene	91	11.678	11.674	0.004	96	194167	20.0	21.1	
126 1,2-Dichlorobenzene	146	11.748	11.744	0.004	92	102634	20.0	19.4	
127 1,2,4,5-Tetramethylbenzene	119	12.171	12.167	0.004	96	173606	20.0	21.3	
128 1,2-Dibromo-3-Chloropropan	75	12.271	12.273	-0.002	84	13845	20.0	17.9	
129 1,3,5-Trichlorobenzene	180	12.371	12.361	0.010	94	50635	20.0	16.5	
130 Camphor	95	12.759	12.755	0.004	94	35552	100.0	87.6	
131 1,2,4-Trichlorobenzene	180	12.824	12.820	0.004	92	46135	20.0	16.7	
132 Hexachlorobutadiene	225	12.894	12.884	0.010	91	18391	20.0	17.3	
133 Naphthalene	128	13.035	13.025	0.010	99	220527	20.0	25.3	
134 1,2,3-Trichlorobenzene	180	13.223	13.207	0.016	94	43211	20.0	18.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	41.5	
S 137 Total BTEX	1				0		100.0	105.3	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Aug-2015 14:45:37 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29699.D

Injection Date: 06-Aug-2015 10:37:30 Instrument ID: CVOAMS8 Operator ID:

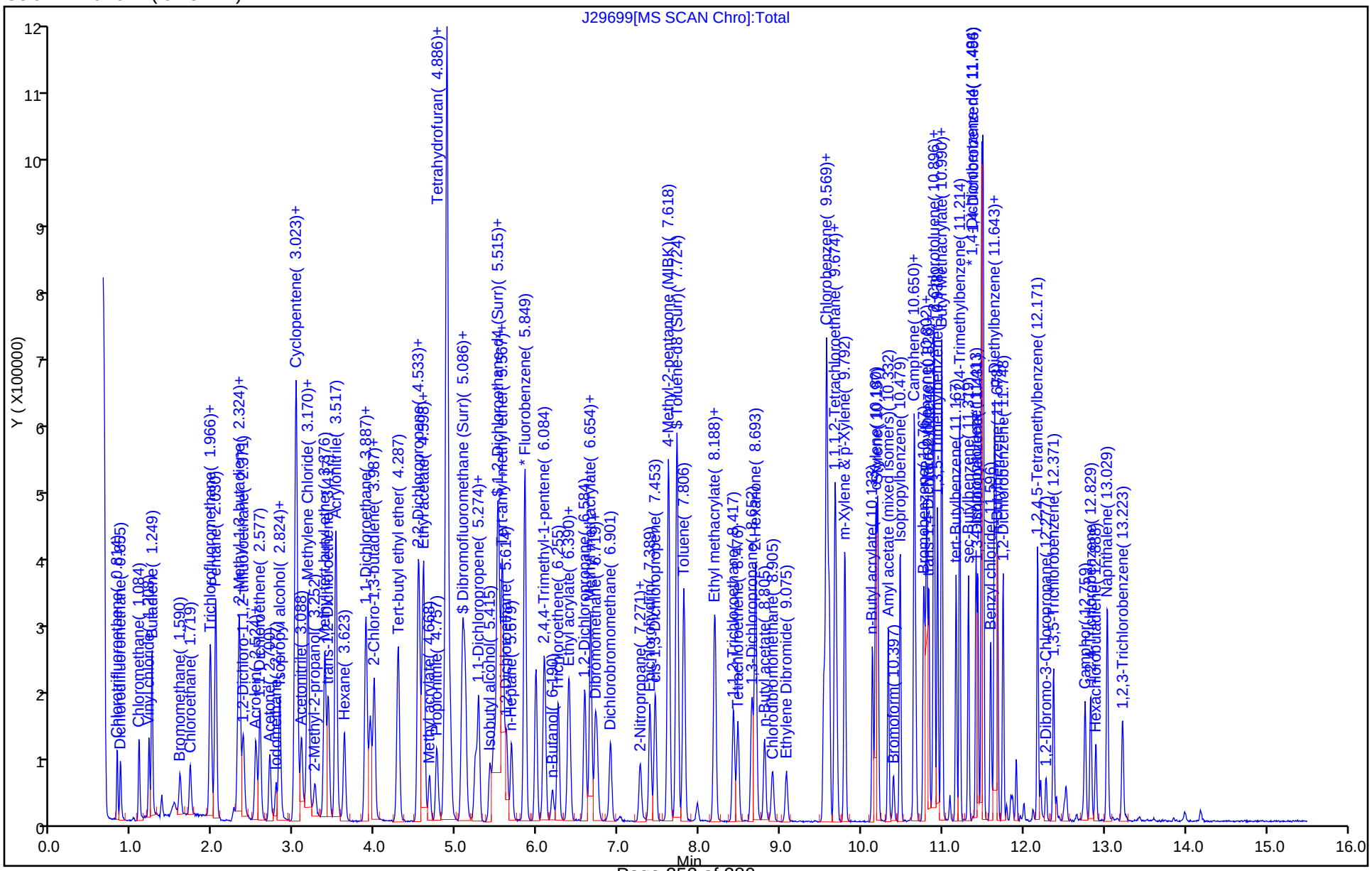
Lims ID: 460-98769-A-22 MS Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 13

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-99115-A-1 MS

Matrix: Water | Lab File ID: J29726.D

Analysis Method: 8260C | Date Collected: 08/06/2015 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 10:31

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	207		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	202		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	206		10	3.4
79-00-5	1,1,2-Trichloroethane	192		10	0.80
75-34-3	1,1-Dichloroethane	228		10	2.4
75-35-4	1,1-Dichloroethene	199		10	3.4
87-61-6	1,2,3-Trichlorobenzene	183		10	3.5
120-82-1	1,2,4-Trichlorobenzene	175		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	187		10	2.3
95-50-1	1,2-Dichlorobenzene	205		10	2.2
107-06-2	1,2-Dichloroethane	239		10	2.5
78-87-5	1,2-Dichloropropane	216		10	1.8
541-73-1	1,3-Dichlorobenzene	202		10	3.3
106-46-7	1,4-Dichlorobenzene	198		10	3.3
123-91-1	1,4-Dioxane	3570		500	87
78-93-3	2-Butanone (MEK)	865		50	22
591-78-6	2-Hexanone	865		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1030		50	6.3
67-64-1	Acetone	705		50	11
71-43-2	Benzene	212		10	0.90
75-25-2	Bromoform	115		10	1.8
74-83-9	Bromomethane	178		10	1.8
75-15-0	Carbon disulfide	215		10	2.2
56-23-5	Carbon tetrachloride	169		10	3.3
108-90-7	Chlorobenzene	200		10	2.4
74-97-5	Chlorobromomethane	207		10	3.0
124-48-1	Chlorodibromomethane	146		10	2.2
75-00-3	Chloroethane	205		10	3.7
67-66-3	Chloroform	217		10	2.2
74-87-3	Chloromethane	183		10	2.2
156-59-2	cis-1,2-Dichloroethene	196		10	2.6
10061-01-5	cis-1,3-Dichloropropene	199		10	1.6
110-82-7	Cyclohexane	228		10	2.6
75-27-4	Dichlorobromomethane	182		10	1.5
75-71-8	Dichlorodifluoromethane	171		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-99115-A-1 MS

Matrix: Water | Lab File ID: J29726.D

Analysis Method: 8260C | Date Collected: 08/06/2015 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 10:31

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	196		10	3.0
106-93-4	Ethylene Dibromide	195		10	1.9
98-82-8	Isopropylbenzene	208		10	3.2
79-20-9	Methyl acetate	1140		50	5.8
1634-04-4	Methyl tert-butyl ether	223		10	1.3
108-87-2	Methylcyclohexane	205		10	2.2
75-09-2	Methylene Chloride	199		10	2.1
179601-23-1	m-Xylene & p-Xylene	198		10	2.8
95-47-6	o-Xylene	209		10	3.2
100-42-5	Styrene	191		10	1.7
127-18-4	Tetrachloroethene	182		10	1.2
108-88-3	Toluene	207		10	2.5
156-60-5	trans-1,2-Dichloroethene	196		10	1.8
10061-02-6	trans-1,3-Dichloropropene	198		10	1.9
79-01-6	Trichloroethene	203		10	2.2
75-69-4	Trichlorofluoromethane	222		10	1.5
75-01-4	Vinyl chloride	185		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29726.D
Lims ID: 460-99115-A-1 MS
Client ID:
Sample Type: MS
Inject. Date: 07-Aug-2015 10:31:30 ALS Bottle#: 8 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-99115-A-1 MS
Misc. Info.: 460-0030486-013
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2015 12:44:20 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: starzecm Date: 07-Aug-2015 18:42:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.822	-0.002	97	11914	20.0	29.9	
2 Dichlorodifluoromethane	85	0.861	0.863	-0.002	99	59460	20.0	17.1	
3 Chloromethane	50	1.090	1.098	-0.008	100	87000	20.0	18.3	
4 Vinyl chloride	62	1.213	1.215	-0.002	99	81184	20.0	18.5	
5 Butadiene	54	1.249	1.257	-0.008	0	76669	20.0	17.6	
6 Bromomethane	94	1.589	1.609	-0.020	98	39010	20.0	17.8	
7 Chloroethane	64	1.719	1.733	-0.014	100	53761	20.0	20.5	
8 Dichlorofluoromethane	67	1.965	1.968	-0.003	97	135447	20.0	23.2	
9 Trichlorofluoromethane	101	1.971	1.979	-0.008	75	94520	20.0	22.2	
10 Pentane	72	2.030	2.050	-0.020	96	17688	40.0	42.4	
11 Ethanol	46	2.259	2.314	-0.055	96	12425	800.0	704.0	
12 Ethyl ether	59	2.306	2.314	-0.008	94	66058	20.0	22.7	
13 2-Methyl-1,3-butadiene	53	2.324	2.338	-0.014	88	68504	20.0	21.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.371	2.373	-0.002	98	46438	20.0	20.6	
15 1,1,2-Trichloro-1,2,2-trif	101	2.530	2.537	-0.007	91	52009	20.0	20.6	
16 Acrolein	56	2.535	2.543	-0.008	31	5276	40.0	39.0	M
17 1,1-Dichloroethene	96	2.582	2.584	-0.002	94	56194	20.0	19.9	
18 Acetone	43	2.700	2.702	-0.002	84	127809	100.0	70.5	
19 Iodomethane	142	2.776	2.778	-0.002	99	60275	20.0	18.3	
20 Carbon disulfide	76	2.823	2.825	-0.002	100	220950	20.0	21.5	
21 Isopropyl alcohol	45	2.829	2.831	-0.002	33	34498	200.0	150.9	
22 3-Chloro-1-propene	76	3.011	3.019	-0.008	89	38580	20.0	20.8	
23 Methyl acetate	43	3.023	3.025	-0.002	99	470928	100.0	114.1	
24 Cyclopentene	67	3.035	3.037	-0.002	93	193903	20.0	21.5	
25 Acetonitrile	41	3.088	3.096	-0.008	99	151251	200.0	259.8	
* 26 TBA-d9 (IS)	65	3.164	3.160	0.004	93	213108	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.178	-0.002	96	69102	20.0	19.9	
28 2-Methyl-2-propanol	59	3.252	3.260	-0.008	98	60767	200.0	182.5	
29 Methyl tert-butyl ether	73	3.381	3.384	-0.003	97	205435	20.0	22.3	
30 trans-1,2-Dichloroethene	96	3.417	3.419	-0.002	97	63389	20.0	19.6	
31 Acrylonitrile	53	3.517	3.519	-0.002	95	338160	200.0	239.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.622	3.624	-0.002	0	60530	20.0	23.4	
33 Isopropyl ether	45	3.887	3.883	0.004	96	282608	20.0	22.0	
34 1,1-Dichloroethane	63	3.940	3.936	0.004	100	142520	20.0	22.8	
35 Vinyl acetate	43	3.951	3.954	-0.003	100	59617	40.0	16.4	
36 Allyl alcohol	57	3.969	3.971	-0.002	32	16391	500.0	263.0	
37 2-Chloro-1,3-butadiene	88	3.993	3.983	0.010	94	57564	20.0	21.4	
38 Tert-butyl ethyl ether	59	4.280	4.294	-0.014	88	241175	20.0	21.5	
* 39 2-Butanone-d5	46	4.533	4.529	0.004	95	361708	250.0	250.0	
40 2,2-Dichloropropane	97	4.539	4.553	-0.014	60	21045	20.0	19.2	
41 cis-1,2-Dichloroethene	96	4.586	4.588	-0.002	90	69612	20.0	19.6	
42 2-Butanone (MEK)	72	4.604	4.600	0.004	96	45092	100.0	86.5	
43 Ethyl acetate	43	4.598	4.606	-0.008	94	353889	40.0	45.0	
44 Methyl acrylate	55	4.668	4.676	-0.008	99	73741	20.0	20.0	
45 Propionitrile	54	4.762	4.758	0.004	98	126344	200.0	221.8	
47 Tetrahydrofuran	72	4.850	4.864	-0.014	86	19171	40.0	35.6	
46 Chlorobromomethane	128	4.856	4.864	-0.008	88	29940	20.0	20.7	
48 Methacrylonitrile	67	4.886	4.888	-0.002	97	343135	200.0	225.7	
49 Chloroform	83	4.927	4.929	-0.002	97	118468	20.0	21.7	
50 Cyclohexane	56	5.074	5.076	-0.002	98	99659	20.0	22.8	
51 1,1,1-Trichloroethane	97	5.091	5.099	-0.008	96	90840	20.0	20.7	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.117	-0.002	93	108507	50.0	51.2	
53 Carbon tetrachloride	117	5.238	5.240	-0.002	96	57034	20.0	16.9	
54 1,1-Dichloropropene	75	5.273	5.281	-0.008	93	86722	20.0	22.3	
55 Isobutyl alcohol	43	5.414	5.569	-0.155	98	64999	500.0	334.3	
56 Isooctane	57	5.467	5.469	-0.002	99	124559	20.0	18.9	
57 Benzene	78	5.508	5.510	-0.002	98	283146	20.0	21.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.528	0.004	98	161939	50.0	56.9	
60 Isopropyl acetate	43	5.567	5.569	-0.002	94	263158	20.0	24.5	
59 Tert-amyl methyl ether	73	5.573	5.569	0.004	71	208334	20.0	20.9	
61 1,2-Dichloroethane	62	5.620	5.628	-0.008	86	102729	20.0	23.9	
62 n-Heptane	57	5.685	5.681	0.004	98	26132	20.0	19.3	
* 63 Fluorobenzene	96	5.849	5.851	-0.002	96	462504	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.084	6.086	-0.002	92	213402	40.0	44.5	
65 n-Butanol	56	6.190	6.186	0.004	95	31628	500.0	308.3	
66 Trichloroethene	95	6.255	6.257	-0.002	93	60649	20.0	20.3	
67 Ethyl acrylate	55	6.378	6.392	-0.014	97	157441	20.0	21.7	
68 Methylcyclohexane	83	6.401	6.386	0.015	83	62389	20.0	20.5	
69 1,2-Dichloropropane	63	6.589	6.586	0.003	90	80070	20.0	21.6	
* 70 1,4-Dioxane-d8	96	6.648	6.644	0.004	84	28129	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.668	-0.008	95	36548	40.0	39.5	
72 1,4-Dioxane	88	6.713	6.703	0.010	33	12967	400.0	357.1	
73 n-Propyl acetate	43	6.719	6.715	0.004	98	137994	20.0	22.9	
74 Dibromomethane	93	6.736	6.738	-0.002	91	39503	20.0	21.0	
75 Dichlorobromomethane	83	6.907	6.909	-0.002	98	82282	20.0	18.2	
77 2-Chloroethyl vinyl ether	63	7.271	7.273	-0.002	42	1521	20.0	0.6054	
76 2-Nitropropane	41	7.271	7.279	-0.008	59	20590	40.0	18.0	
78 Epichlorohydrin	57	7.389	7.391	-0.002	100	156731	400.0	359.2	
79 cis-1,3-Dichloropropene	75	7.459	7.455	0.004	98	115013	20.0	19.9	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.614	0.004	97	452463	100.0	103.2	
$ 81 Toluene-d8 (Surr)	98	7.723	7.726	-0.003	99	418039	50.0	45.3	
82 Toluene	91	7.812	7.814	-0.002	93	275432	20.0	20.7	
83 trans-1,3-Dichloropropene	75	8.188	8.190	-0.002	98	97998	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.193	8.196	-0.003	93	86428	20.0	18.4	
85 1,1,2-Trichloroethane	83	8.417	8.419	-0.002	93	53748	20.0	19.2	
86 Tetrachloroethene	166	8.476	8.472	0.004	91	43341	20.0	18.2	
87 1,3-Dichloropropane	76	8.652	8.648	0.004	98	111669	20.0	21.0	
89 2-Hexanone	58	8.693	8.689	0.004	99	147802	100.0	86.5	
88 n-Butyl acetate	43	8.805	8.812	-0.007	97	107323	20.0	31.9	
90 Chlorodibromomethane	129	8.899	8.901	-0.002	96	44356	20.0	14.6	
91 Ethylene Dibromide	107	9.075	9.071	0.004	99	57045	20.0	19.5	
* 92 Chlorobenzene-d5	117	9.574	9.570	0.004	91	347940	50.0	50.0	
93 Chlorobenzene	112	9.604	9.606	-0.002	91	156564	20.0	20.0	
94 Ethylbenzene	106	9.674	9.670	0.004	100	76171	20.0	19.6	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.688	0.004	91	44925	20.0	16.2	
96 m-Xylene & p-Xylene	106	9.792	9.800	-0.008	98	95100	20.0	19.8	
97 n-Butyl acrylate	73	10.132	10.140	-0.008	96	44275	20.0	15.3	
98 o-Xylene	106	10.174	10.181	-0.007	93	99075	20.0	20.9	
99 Styrene	104	10.203	10.199	0.004	92	172395	20.0	19.1	
100 Amyl acetate (mixed isomer	43	10.332	10.334	-0.002	87	131759	20.0	19.3	
101 Bromoform	173	10.391	10.393	-0.002	93	23202	20.0	11.5	
102 Isopropylbenzene	105	10.479	10.475	0.004	97	206246	20.0	20.8	
$ 103 4-Bromofluorobenzene	174	10.649	10.651	-0.002	81	101604	50.0	44.3	
104 Camphene	41	10.667	10.663	0.004	96	16388	20.0	19.6	
105 Bromobenzene	156	10.767	10.769	-0.002	91	56697	20.0	19.1	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.787	-0.002	98	81818	20.0	20.2	
107 N-Propylbenzene	91	10.802	10.804	-0.002	98	241147	20.0	21.5	
108 1,2,3-Trichloropropane	110	10.826	10.834	-0.008	95	23273	20.0	21.7	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.840	-0.008	78	29432	20.0	22.6	
110 4-Ethyltoluene	105	10.890	10.892	-0.002	98	205051	20.0	19.8	
111 2-Chlorotoluene	91	10.896	10.898	-0.002	97	189021	20.0	21.7	
112 1,3,5-Trimethylbenzene	105	10.937	10.939	-0.002	93	174080	20.0	21.9	
113 4-Chlorotoluene	91	10.984	10.986	-0.002	98	176251	20.0	21.0	
114 Butyl Methacrylate	87	10.996	10.998	-0.002	98	75097	20.0	16.5	
115 tert-Butylbenzene	119	11.166	11.169	-0.003	89	119395	20.0	19.8	
116 1,2,4-Trimethylbenzene	105	11.213	11.210	0.003	98	182047	20.0	21.3	
117 sec-Butylbenzene	105	11.319	11.315	0.004	99	179495	20.0	20.7	
118 4-Isopropyltoluene	119	11.413	11.409	0.004	97	152858	20.0	20.4	
119 1,3-Dichlorobenzene	146	11.437	11.433	0.004	95	98944	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.480	0.004	98	153930	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.498	0.003	92	103521	20.0	19.8	
122 Benzyl chloride	91	11.595	11.586	0.009	97	126512	20.0	14.6	
123 2,3-Dihydroindene	117	11.642	11.639	0.003	93	219538	20.0	20.0	
124 p-Diethylbenzene	119	11.660	11.656	0.004	90	96696	20.0	17.9	
125 n-Butylbenzene	91	11.678	11.674	0.004	98	184709	20.0	21.2	
126 1,2-Dichlorobenzene	146	11.748	11.738	0.010	93	102990	20.0	20.5	
127 1,2,4,5-Tetramethylbenzene	119	12.177	12.167	0.010	97	140608	20.0	18.3	
128 1,2-Dibromo-3-Chloropropan	75	12.277	12.273	0.004	84	13687	20.0	18.7	
129 1,3,5-Trichlorobenzene	180	12.371	12.361	0.010	93	48775	20.0	16.8	
130 Camphor	95	12.765	12.749	0.016	96	34667	100.0	90.3	
131 1,2,4-Trichlorobenzene	180	12.829	12.814	0.015	91	45628	20.0	17.5	
132 Hexachlorobutadiene	225	12.888	12.878	0.010	89	17230	20.0	17.1	
133 Naphthalene	128	13.035	13.019	0.016	98	150119	20.0	18.2	
134 1,2,3-Trichlorobenzene	180	13.223	13.207	0.016	94	40998	20.0	18.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	40.7	
S 137 Total BTEX	1				0		100.0	102.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00113	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Aug-2015 12:44:21 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29726.D

Injection Date: 07-Aug-2015 10:31:30 Instrument ID: CVOAMS8 Operator ID:

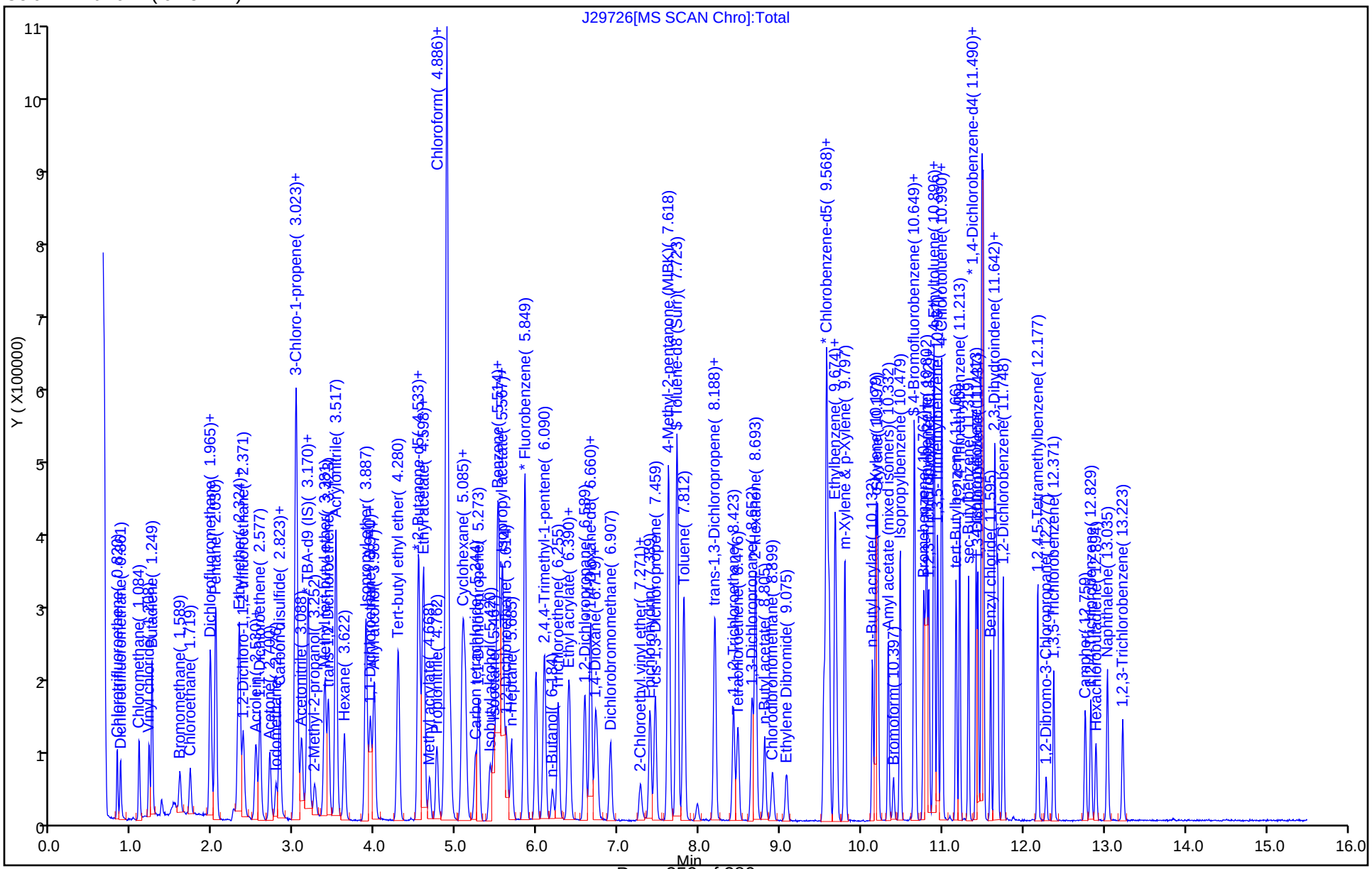
Lims ID: 460-99115-A-1 MS Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 8

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98769-A-22 MSD

Matrix: Water | Lab File ID: J29700.D

Analysis Method: 8260C | Date Collected: 07/30/2015 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 11:04

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	209		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	208		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	203		10	3.4
79-00-5	1,1,2-Trichloroethane	198		10	0.80
75-34-3	1,1-Dichloroethane	236		10	2.4
75-35-4	1,1-Dichloroethene	210		10	3.4
87-61-6	1,2,3-Trichlorobenzene	206		10	3.5
120-82-1	1,2,4-Trichlorobenzene	201		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	181		10	2.3
95-50-1	1,2-Dichlorobenzene	202		10	2.2
107-06-2	1,2-Dichloroethane	244		10	2.5
78-87-5	1,2-Dichloropropane	223		10	1.8
541-73-1	1,3-Dichlorobenzene	205		10	3.3
106-46-7	1,4-Dichlorobenzene	197		10	3.3
123-91-1	1,4-Dioxane	4590		500	87
78-93-3	2-Butanone (MEK)	871		50	22
591-78-6	2-Hexanone	895		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1030		50	6.3
67-64-1	Acetone	734		50	11
71-43-2	Benzene	217		10	0.90
75-25-2	Bromoform	124		10	1.8
74-83-9	Bromomethane	186		10	1.8
75-15-0	Carbon disulfide	224		10	2.2
56-23-5	Carbon tetrachloride	187		10	3.3
108-90-7	Chlorobenzene	203		10	2.4
74-97-5	Chlorobromomethane	202		10	3.0
124-48-1	Chlorodibromomethane	159		10	2.2
75-00-3	Chloroethane	222		10	3.7
67-66-3	Chloroform	224		10	2.2
74-87-3	Chloromethane	195		10	2.2
156-59-2	cis-1,2-Dichloroethene	201		10	2.6
10061-01-5	cis-1,3-Dichloropropene	200		10	1.6
110-82-7	Cyclohexane	226		10	2.6
75-27-4	Dichlorobromomethane	190		10	1.5
75-71-8	Dichlorodifluoromethane	162		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-98769-A-22 MSD

Matrix: Water | Lab File ID: J29700.D

Analysis Method: 8260C | Date Collected: 07/30/2015 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 11:04

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	211		10	3.0
106-93-4	Ethylene Dibromide	200		10	1.9
98-82-8	Isopropylbenzene	215		10	3.2
79-20-9	Methyl acetate	1160		50	5.8
1634-04-4	Methyl tert-butyl ether	259		10	1.3
108-87-2	Methylcyclohexane	211		10	2.2
75-09-2	Methylene Chloride	207		10	2.1
179601-23-1	m-Xylene & p-Xylene	207		10	2.8
95-47-6	o-Xylene	215		10	3.2
100-42-5	Styrene	207		10	1.7
127-18-4	Tetrachloroethene	189		10	1.2
108-88-3	Toluene	210		10	2.5
156-60-5	trans-1,2-Dichloroethene	205		10	1.8
10061-02-6	trans-1,3-Dichloropropene	201		10	1.9
79-01-6	Trichloroethene	214		10	2.2
75-69-4	Trichlorofluoromethane	232		10	1.5
75-01-4	Vinyl chloride	196		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29700.D
Lims ID: 460-98769-A-22 MSD
Client ID:
Sample Type: MSD
Inject. Date: 06-Aug-2015 11:04:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-98769-A-22 MSD
Misc. Info.: 460-0030444-015
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Aug-2015 14:47:00 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 06-Aug-2015 14:47:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.820	0.817	0.003	97	12660	20.0	31.2	
2 Dichlorodifluoromethane	85	0.861	0.858	0.003	99	57599	20.0	16.2	
3 Chloromethane	50	1.090	1.088	0.002	99	94702	20.0	19.5	
4 Vinyl chloride	62	1.213	1.211	0.002	99	87815	20.0	19.6	
5 Butadiene	54	1.249	1.252	-0.003	0	83096	20.0	18.7	
6 Bromomethane	94	1.589	1.593	-0.004	99	41457	20.0	18.6	
7 Chloroethane	64	1.719	1.722	-0.003	99	59333	20.0	22.2	
8 Dichlorofluoromethane	67	1.965	1.963	0.002	99	143498	20.0	24.1	
9 Trichlorofluoromethane	101	1.977	1.975	0.002	99	100520	20.0	23.2	
10 Pentane	72	2.036	2.034	0.002	96	18289	40.0	40.5	
11 Ethanol	46	2.259	2.251	0.008	99	11310	800.0	593.2	
12 Ethyl ether	59	2.306	2.304	0.002	91	64816	20.0	21.8	
13 2-Methyl-1,3-butadiene	53	2.324	2.327	-0.003	91	74735	20.0	23.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.377	2.380	-0.003	99	48979	20.0	21.4	
15 1,1,2-Trichloro-1,2,2-trif	101	2.524	2.527	-0.003	92	52138	20.0	20.3	
16 Acrolein	56	2.541	2.545	-0.004	28	5759	40.0	39.4	
17 1,1-Dichloroethene	96	2.576	2.580	-0.004	94	60344	20.0	21.0	
18 Acetone	43	2.706	2.703	0.003	85	134968	100.0	73.4	
19 Iodomethane	142	2.776	2.780	-0.004	99	63202	20.0	18.8	
20 Carbon disulfide	76	2.823	2.821	0.002	100	234695	20.0	22.4	
21 Isopropyl alcohol	45	2.829	2.827	0.002	38	49207	200.0	201.0	
22 3-Chloro-1-propene	76	3.011	3.009	0.002	92	42405	20.0	22.5	
23 Methyl acetate	43	3.023	3.027	-0.004	99	486597	100.0	115.8	
24 Cyclopentene	67	3.035	3.038	-0.003	89	203308	20.0	22.1	
25 Acetonitrile	41	3.099	3.091	0.008	98	155527	200.0	247.3	
* 26 TBA-d9 (IS)	65	3.170	3.168	0.002	92	230223	1000.0	1000.0	
27 Methylene Chloride	84	3.182	3.173	0.009	97	73070	20.0	20.7	
28 2-Methyl-2-propanol	59	3.264	3.256	0.008	99	71829	200.0	201.7	
29 Methyl tert-butyl ether	73	3.381	3.379	0.002	97	243354	20.0	25.9	
30 trans-1,2-Dichloroethene	96	3.422	3.426	-0.004	98	67481	20.0	20.5	
31 Acrylonitrile	53	3.516	3.514	0.002	97	344672	200.0	226.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.622	3.620	0.002	0	60361	20.0	22.9	
33 Isopropyl ether	45	3.887	3.890	-0.003	97	299647	20.0	22.8	
34 1,1-Dichloroethane	63	3.934	3.937	-0.003	100	149933	20.0	23.6	
35 Vinyl acetate	43	3.951	3.949	0.002	100	69255	40.0	18.6	
36 Allyl alcohol	57	3.969	3.972	-0.003	84	28431	500.0	422.3	
37 2-Chloro-1,3-butadiene	88	3.992	3.996	-0.004	94	60180	20.0	22.0	
38 Tert-butyl ethyl ether	59	4.286	4.284	0.002	87	250160	20.0	21.9	
* 39 2-Butanone-d5	46	4.533	4.531	0.002	95	366917	250.0	250.0	
40 2,2-Dichloropropane	97	4.545	4.542	0.003	57	21288	20.0	19.1	
41 cis-1,2-Dichloroethene	96	4.586	4.589	-0.003	92	72683	20.0	20.1	
42 2-Butanone (MEK)	72	4.598	4.601	-0.003	96	46072	100.0	87.1	
43 Ethyl acetate	43	4.603	4.601	0.002	95	370127	40.0	46.4	
44 Methyl acrylate	55	4.674	4.672	0.002	99	78833	20.0	21.0	
45 Propionitrile	54	4.762	4.760	0.002	98	131319	200.0	213.4	
47 Tetrahydrofuran	72	4.856	4.854	0.002	63	19760	40.0	36.2	
46 Chlorobromomethane	128	4.868	4.866	0.002	89	29881	20.0	20.2	
48 Methacrylonitrile	67	4.885	4.883	0.002	96	353768	200.0	228.4	
49 Chloroform	83	4.927	4.924	0.003	96	124737	20.0	22.4	
50 Cyclohexane	56	5.073	5.077	-0.004	98	100968	20.0	22.6	
51 1,1,1-Trichloroethane	97	5.091	5.089	0.002	96	93085	20.0	20.9	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.118	-0.003	95	107773	50.0	49.9	
53 Carbon tetrachloride	117	5.232	5.236	-0.004	97	64118	20.0	18.7	
54 1,1-Dichloropropene	75	5.279	5.277	0.002	93	89733	20.0	22.7	
55 Isobutyl alcohol	43	5.420	5.424	-0.004	96	84420	500.0	401.9	
56 Isooctane	57	5.467	5.465	0.002	98	163707	20.0	24.4	
57 Benzene	78	5.508	5.512	-0.004	98	293418	20.0	21.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.532	5.529	0.003	97	160681	50.0	55.4	
60 Isopropyl acetate	43	5.567	5.565	0.002	95	270408	20.0	24.8	
59 Tert-amyl methyl ether	73	5.573	5.576	-0.003	91	216268	20.0	21.3	
61 1,2-Dichloroethane	62	5.620	5.618	0.002	97	106779	20.0	24.4	
62 n-Heptane	57	5.685	5.682	0.002	96	34845	20.0	25.3	
* 63 Fluorobenzene	96	5.849	5.847	0.002	97	471173	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.084	6.088	-0.004	95	229174	40.0	46.9	
65 n-Butanol	56	6.190	6.188	0.002	96	39637	500.0	357.6	
66 Trichloroethene	95	6.254	6.252	0.002	94	64989	20.0	21.4	
67 Ethyl acrylate	55	6.384	6.387	-0.003	97	169300	20.0	22.9	
68 Methylcyclohexane	83	6.395	6.393	0.002	74	65555	20.0	21.1	
69 1,2-Dichloropropane	63	6.589	6.587	0.002	89	84258	20.0	22.3	
* 70 1,4-Dioxane-d8	96	6.654	6.646	0.008	82	28150	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.658	0.002	95	38409	40.0	40.8	
72 1,4-Dioxane	88	6.707	6.710	-0.003	39	16680	400.0	459.0	
73 n-Propyl acetate	43	6.719	6.716	0.003	98	139588	20.0	22.8	
74 Dibromomethane	93	6.736	6.740	-0.004	90	42715	20.0	22.2	
75 Dichlorobromomethane	83	6.901	6.910	-0.009	98	87297	20.0	19.0	
77 2-Chloroethyl vinyl ether	63	7.271	7.269	0.002	59	13648	20.0	5.33	
76 2-Nitropropane	41	7.271	7.274	-0.003	72	22261	40.0	19.1	
78 Epichlorohydrin	57	7.394	7.392	0.002	100	162450	400.0	367.0	
79 cis-1,3-Dichloropropene	75	7.459	7.457	0.002	98	116579	20.0	20.0	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.615	0.003	98	459647	100.0	103.4	
$ 81 Toluene-d8 (Surr)	98	7.723	7.727	-0.004	98	423712	50.0	45.3	
82 Toluene	91	7.806	7.809	-0.003	92	282088	20.0	21.0	
83 trans-1,3-Dichloropropene	75	8.182	8.185	-0.003	94	100716	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	8.193	8.191	0.002	95	92579	20.0	19.3	
85 1,1,2-Trichloroethane	83	8.417	8.420	-0.003	93	56145	20.0	19.8	
86 Tetrachloroethene	166	8.475	8.473	0.002	89	45495	20.0	18.9	
87 1,3-Dichloropropane	76	8.646	8.649	-0.003	94	114335	20.0	21.3	
89 2-Hexanone	58	8.693	8.690	0.003	99	155248	100.0	89.5	
88 n-Butyl acetate	43	8.804	8.802	0.002	97	113437	20.0	33.3	
90 Chlorodibromomethane	129	8.898	8.896	0.002	95	48874	20.0	15.9	
91 Ethylene Dibromide	107	9.075	9.078	-0.003	99	59299	20.0	20.0	
* 92 Chlorobenzene-d5	117	9.568	9.572	-0.004	91	352393	50.0	50.0	
93 Chlorobenzene	112	9.603	9.601	0.002	91	160968	20.0	20.3	
94 Ethylbenzene	106	9.674	9.672	0.002	99	82903	20.0	21.1	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.689	0.003	89	48372	20.0	17.2	
96 m-Xylene & p-Xylene	106	9.791	9.795	-0.004	99	100619	20.0	20.7	
97 n-Butyl acrylate	73	10.132	10.136	-0.004	96	49127	20.0	16.7	
98 o-Xylene	106	10.173	10.177	-0.004	93	103266	20.0	21.5	
99 Styrene	104	10.203	10.200	0.003	92	189130	20.0	20.7	
100 Amyl acetate (mixed isomer	43	10.332	10.330	0.002	88	144356	20.0	20.3	
101 Bromoform	173	10.397	10.394	0.003	90	25323	20.0	12.4	
102 Isopropylbenzene	105	10.479	10.477	0.002	97	215712	20.0	21.5	
$ 103 4-Bromofluorobenzene	174	10.649	10.653	-0.004	81	104614	50.0	45.0	
104 Camphene	41	10.673	10.671	0.003	96	21111	20.0	25.1	
105 Bromobenzene	156	10.767	10.765	0.002	92	58642	20.0	18.9	
106 1,1,2,2-Tetrachloroethane	83	10.784	10.782	0.002	98	87756	20.0	20.8	
107 N-Propylbenzene	91	10.802	10.806	-0.004	98	266299	20.0	22.7	
108 1,2,3-Trichloropropane	110	10.831	10.823	0.008	95	23527	20.0	21.1	
109 trans-1,4-Dichloro-2-buten	53	10.831	10.835	-0.004	76	29182	20.0	21.5	
110 4-Ethyltoluene	105	10.890	10.888	0.002	98	218601	20.0	20.3	
111 2-Chlorotoluene	91	10.896	10.900	-0.004	97	197054	20.0	21.7	
112 1,3,5-Trimethylbenzene	105	10.937	10.941	-0.004	92	183533	20.0	22.1	
113 4-Chlorotoluene	91	10.984	10.982	0.002	99	184004	20.0	21.0	
114 Butyl Methacrylate	87	10.996	10.994	0.002	98	82477	20.0	17.4	
115 tert-Butylbenzene	119	11.166	11.164	0.002	91	128636	20.0	20.5	
116 1,2,4-Trimethylbenzene	105	11.213	11.205	0.008	98	201557	20.0	22.6	
117 sec-Butylbenzene	105	11.319	11.317	0.002	98	193169	20.0	21.3	
118 4-Isopropyltoluene	119	11.413	11.405	0.008	96	167332	20.0	21.4	
119 1,3-Dichlorobenzene	146	11.437	11.428	0.009	92	104753	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.475	0.009	97	160559	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.501	11.493	0.008	90	107407	20.0	19.7	
122 Benzyl chloride	91	11.595	11.581	0.014	98	132829	20.0	14.7	
123 2,3-Dihydroindene	117	11.642	11.634	0.008	93	232868	20.0	20.4	
124 p-Diethylbenzene	119	11.660	11.652	0.008	90	112977	20.0	20.0	
125 n-Butylbenzene	91	11.683	11.669	0.014	92	200712	20.0	22.1	
126 1,2-Dichlorobenzene	146	11.748	11.740	0.008	92	105801	20.0	20.2	
127 1,2,4,5-Tetramethylbenzene	119	12.177	12.163	0.014	97	163037	20.0	20.3	
128 1,2-Dibromo-3-Chloropropan	75	12.283	12.263	0.020	84	13807	20.0	18.1	
129 1,3,5-Trichlorobenzene	180	12.377	12.363	0.014	95	57516	20.0	19.0	
130 Camphor	95	12.764	12.750	0.014	95	40126	100.0	100.2	
131 1,2,4-Trichlorobenzene	180	12.829	12.815	0.014	93	54750	20.0	20.1	
132 Hexachlorobutadiene	225	12.894	12.880	0.014	91	21306	20.0	20.5	
133 Naphthalene	128	13.035	13.021	0.014	98	186101	20.0	21.6	
134 1,2,3-Trichlorobenzene	180	13.223	13.209	0.014	94	48235	20.0	20.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	42.2	
S 137 Total BTEX	1				0		100.0	105.9	

Reagents:

GASES Li_00112	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

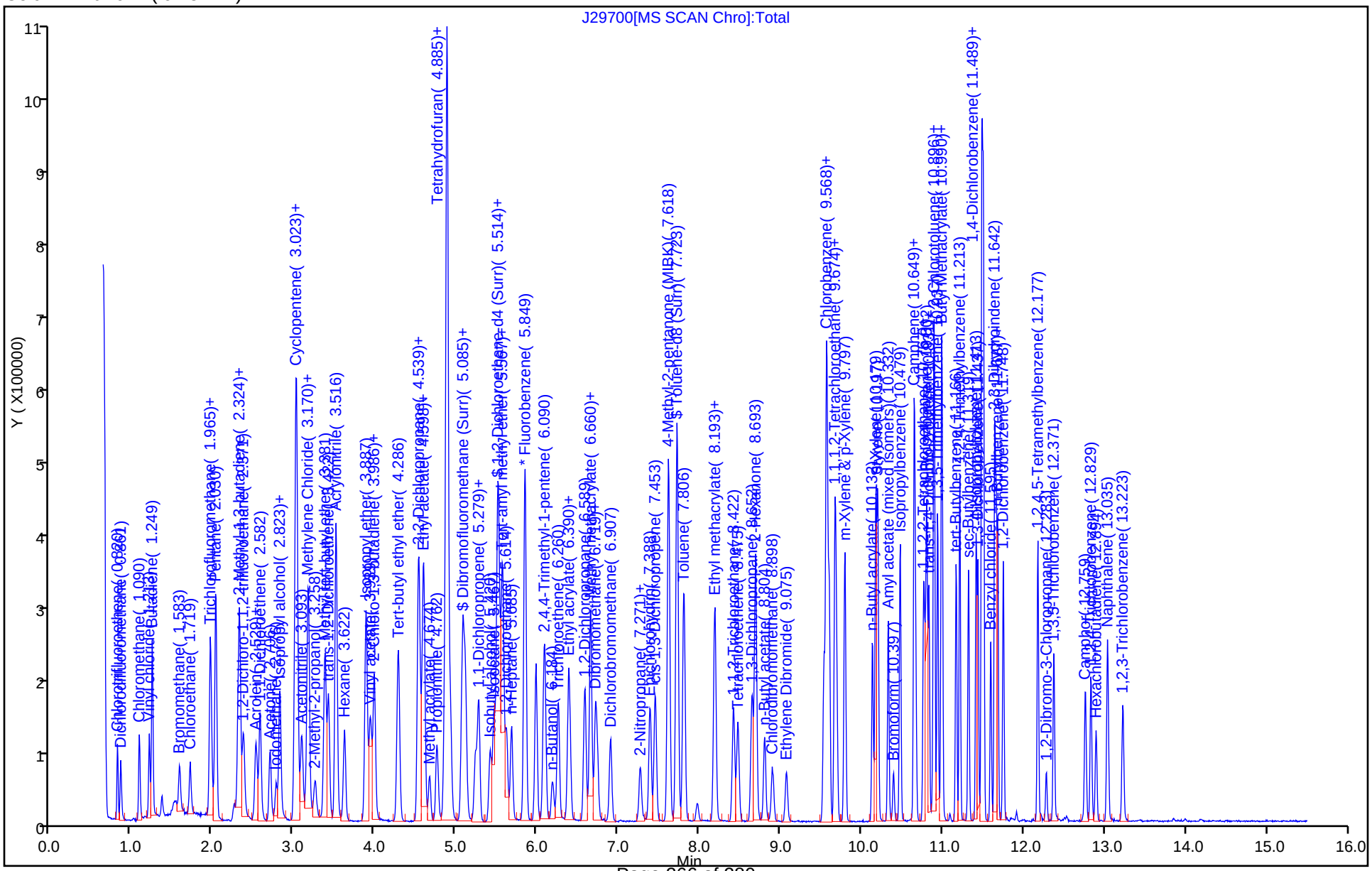
Report Date: 06-Aug-2015 14:47:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150806-30444.b\J29700.D

Injection Date:	06-Aug-2015 11:04:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-98769-A-22 MSD			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	14
Method:	8260_W8	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-99115-A-1 MSD

Matrix: Water | Lab File ID: J29727.D

Analysis Method: 8260C | Date Collected: 08/06/2015 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 10:57

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	208		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	204		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	213		10	3.4
79-00-5	1,1,2-Trichloroethane	196		10	0.80
75-34-3	1,1-Dichloroethane	231		10	2.4
75-35-4	1,1-Dichloroethene	204		10	3.4
87-61-6	1,2,3-Trichlorobenzene	212		10	3.5
120-82-1	1,2,4-Trichlorobenzene	199		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	196		10	2.3
95-50-1	1,2-Dichlorobenzene	203		10	2.2
107-06-2	1,2-Dichloroethane	245		10	2.5
78-87-5	1,2-Dichloropropane	221		10	1.8
541-73-1	1,3-Dichlorobenzene	203		10	3.3
106-46-7	1,4-Dichlorobenzene	201		10	3.3
123-91-1	1,4-Dioxane	4830		500	87
78-93-3	2-Butanone (MEK)	865		50	22
591-78-6	2-Hexanone	898		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1020		50	6.3
67-64-1	Acetone	723		50	11
71-43-2	Benzene	220		10	0.90
75-25-2	Bromoform	123		10	1.8
74-83-9	Bromomethane	191		10	1.8
75-15-0	Carbon disulfide	225		10	2.2
56-23-5	Carbon tetrachloride	181		10	3.3
108-90-7	Chlorobenzene	203		10	2.4
74-97-5	Chlorobromomethane	204		10	3.0
124-48-1	Chlorodibromomethane	155		10	2.2
75-00-3	Chloroethane	216		10	3.7
67-66-3	Chloroform	221		10	2.2
74-87-3	Chloromethane	187		10	2.2
156-59-2	cis-1,2-Dichloroethene	194		10	2.6
10061-01-5	cis-1,3-Dichloropropene	206		10	1.6
110-82-7	Cyclohexane	237		10	2.6
75-27-4	Dichlorobromomethane	193		10	1.5
75-71-8	Dichlorodifluoromethane	178		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-99115-A-1 MSD

Matrix: Water | Lab File ID: J29727.D

Analysis Method: 8260C | Date Collected: 08/06/2015 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/07/2015 10:57

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 315171 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	212		10	3.0
106-93-4	Ethylene Dibromide	199		10	1.9
98-82-8	Isopropylbenzene	219		10	3.2
79-20-9	Methyl acetate	1140		50	5.8
1634-04-4	Methyl tert-butyl ether	223		10	1.3
108-87-2	Methylcyclohexane	205		10	2.2
75-09-2	Methylene Chloride	207		10	2.1
179601-23-1	m-Xylene & p-Xylene	204		10	2.8
95-47-6	o-Xylene	212		10	3.2
100-42-5	Styrene	202		10	1.7
127-18-4	Tetrachloroethene	197		10	1.2
108-88-3	Toluene	210		10	2.5
156-60-5	trans-1,2-Dichloroethene	200		10	1.8
10061-02-6	trans-1,3-Dichloropropene	205		10	1.9
79-01-6	Trichloroethene	213		10	2.2
75-69-4	Trichlorofluoromethane	224		10	1.5
75-01-4	Vinyl chloride	191		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	92		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29727.D
Lims ID: 460-99115-A-1 MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Aug-2015 10:57:30 ALS Bottle#: 9 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-99115-A-1 MSD
Misc. Info.: 460-0030486-014
Operator ID: Instrument ID: CVOAMS8

Method: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2015 12:45:43 Calib Date: 21-Jul-2015 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20150721-29885.b\J29101.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: starzecm Date: 07-Aug-2015 18:42:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.826	0.822	0.004	97	12767	20.0	31.3	
2 Dichlorodifluoromethane	85	0.861	0.863	-0.002	99	63425	20.0	17.8	
3 Chloromethane	50	1.090	1.098	-0.008	100	91004	20.0	18.7	
4 Vinyl chloride	62	1.214	1.215	-0.001	99	85762	20.0	19.1	
5 Butadiene	54	1.255	1.257	-0.002	0	78493	20.0	17.6	
6 Bromomethane	94	1.590	1.609	-0.019	99	42789	20.0	19.1	
7 Chloroethane	64	1.719	1.733	-0.014	99	57858	20.0	21.6	
8 Dichlorofluoromethane	67	1.966	1.968	-0.002	97	141833	20.0	23.7	
9 Trichlorofluoromethane	101	1.978	1.979	-0.001	96	97219	20.0	22.4	
10 Pentane	72	2.030	2.050	-0.020	97	18786	40.0	43.1	
11 Ethanol	46	2.260	2.314	-0.054	97	16036	800.0	869.9	
12 Ethyl ether	59	2.307	2.314	-0.007	91	64271	20.0	21.5	
13 2-Methyl-1,3-butadiene	53	2.330	2.338	-0.008	85	74550	20.0	23.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.371	2.373	-0.002	98	47824	20.0	20.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.530	2.537	-0.007	92	54861	20.0	21.3	
16 Acrolein	56	2.542	2.543	-0.001	31	5285	40.0	37.4	
17 1,1-Dichloroethene	96	2.583	2.584	-0.001	94	58839	20.0	20.4	
18 Acetone	43	2.700	2.702	-0.002	86	131873	100.0	72.3	
19 Iodomethane	142	2.783	2.778	0.005	100	65260	20.0	19.3	
20 Carbon disulfide	76	2.824	2.825	-0.001	100	236243	20.0	22.5	
21 Isopropyl alcohol	45	2.830	2.831	-0.001	36	50038	200.0	211.6	
22 3-Chloro-1-propene	76	3.018	3.019	-0.001	89	39306	20.0	20.8	
23 Methyl acetate	43	3.029	3.025	0.004	98	482148	100.0	114.2	
24 Cyclopentene	67	3.035	3.037	-0.002	90	204053	20.0	22.1	
25 Acetonitrile	41	3.094	3.096	-0.002	98	141748	200.0	233.1	
* 26 TBA-d9 (IS)	65	3.170	3.160	0.010	92	222595	1000.0	1000.0	
27 Methylene Chloride	84	3.176	3.178	-0.002	96	73317	20.0	20.7	
28 2-Methyl-2-propanol	59	3.264	3.260	0.004	99	68248	200.0	197.8	
29 Methyl tert-butyl ether	73	3.382	3.384	-0.002	97	210351	20.0	22.3	
30 trans-1,2-Dichloroethene	96	3.423	3.419	0.004	98	66056	20.0	20.0	
31 Acrylonitrile	53	3.517	3.519	-0.002	93	341220	200.0	231.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.629	3.624	0.005	0	64074	20.0	24.3	
33 Isopropyl ether	45	3.893	3.883	0.010	96	295189	20.0	22.4	
34 1,1-Dichloroethane	63	3.940	3.936	0.004	99	147761	20.0	23.1	
35 Vinyl acetate	43	3.952	3.954	-0.002	100	65528	40.0	17.6	
36 Allyl alcohol	57	3.975	3.971	0.004	42	21518	500.0	330.6	
37 2-Chloro-1,3-butadiene	88	3.993	3.983	0.010	94	61191	20.0	22.2	
38 Tert-butyl ethyl ether	59	4.287	4.294	-0.007	89	244225	20.0	21.3	
* 39 2-Butanone-d5	46	4.533	4.529	0.004	97	364348	250.0	250.0	
40 2,2-Dichloropropane	97	4.551	4.553	-0.002	93	20572	20.0	18.3	
41 cis-1,2-Dichloroethene	96	4.586	4.588	-0.002	89	70447	20.0	19.4	
42 2-Butanone (MEK)	72	4.598	4.600	-0.002	96	45420	100.0	86.5	
43 Ethyl acetate	43	4.604	4.606	-0.002	95	368175	40.0	46.5	
44 Methyl acrylate	55	4.669	4.676	-0.007	99	76579	20.0	20.3	
45 Propionitrile	54	4.763	4.758	0.005	97	130350	200.0	219.1	
47 Tetrahydrofuran	72	4.857	4.864	-0.007	64	19375	40.0	35.8	
46 Chlorobromomethane	128	4.868	4.864	0.004	89	30216	20.0	20.4	
48 Methacrylonitrile	67	4.886	4.888	-0.002	97	349988	200.0	225.1	
49 Chloroform	83	4.933	4.929	0.004	97	123394	20.0	22.1	
50 Cyclohexane	56	5.080	5.076	0.004	97	106368	20.0	23.7	
51 1,1,1-Trichloroethane	97	5.092	5.099	-0.007	97	93220	20.0	20.8	
$ 52 Dibromofluoromethane (Surr	113	5.115	5.117	-0.002	95	106280	50.0	49.0	
53 Carbon tetrachloride	117	5.238	5.240	-0.002	96	62605	20.0	18.1	
54 1,1-Dichloropropene	75	5.280	5.281	-0.001	91	90862	20.0	22.9	
56 Isooctane	57	5.468	5.469	-0.001	89	166396	20.0	24.7	
57 Benzene	78	5.509	5.510	-0.001	98	290912	20.0	22.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	5.538	5.528	0.010	96	160607	50.0	55.2	
55 Isobutyl alcohol	43	5.421	5.569	-0.148	89	74494	500.0	366.8	
60 Isopropyl acetate	43	5.568	5.569	-0.001	92	270187	20.0	24.6	
59 Tert-amyl methyl ether	73	5.573	5.569	0.004	74	217335	20.0	21.3	
61 1,2-Dichloroethane	62	5.620	5.628	-0.008	96	107693	20.0	24.5	
62 n-Heptane	57	5.679	5.681	-0.002	97	34628	20.0	25.0	
* 63 Fluorobenzene	96	5.850	5.851	-0.001	97	473127	50.0	50.0	
64 2,4,4-Trimethyl-1-pentene	57	6.090	6.086	0.004	96	235428	40.0	48.0	
65 n-Butanol	56	6.190	6.186	0.004	96	38532	500.0	359.6	
66 Trichloroethene	95	6.261	6.257	0.004	93	65090	20.0	21.3	
68 Methylcyclohexane	83	6.396	6.386	0.010	92	63994	20.0	20.5	
67 Ethyl acrylate	55	6.384	6.392	-0.008	98	166577	20.0	22.4	
69 1,2-Dichloropropane	63	6.590	6.586	0.004	88	83941	20.0	22.1	
* 70 1,4-Dioxane-d8	96	6.654	6.644	0.010	83	29463	1000.0	1000.0	
71 Methyl methacrylate	100	6.660	6.668	-0.008	94	37676	40.0	39.9	
72 1,4-Dioxane	88	6.707	6.703	0.004	38	18379	400.0	483.2	
73 n-Propyl acetate	43	6.719	6.715	0.004	99	131339	20.0	21.3	
74 Dibromomethane	93	6.743	6.738	0.005	91	42876	20.0	22.2	
75 Dichlorobromomethane	83	6.901	6.909	-0.008	98	89088	20.0	19.3	
76 2-Nitropropane	41	7.271	7.279	-0.008	60	22193	40.0	19.0	
78 Epichlorohydrin	57	7.389	7.391	-0.002	100	163719	400.0	372.5	
79 cis-1,3-Dichloropropene	75	7.454	7.455	-0.001	97	117724	20.0	20.6	
80 4-Methyl-2-pentanone (MIBK	43	7.618	7.614	0.004	99	451443	100.0	102.3	
$ 81 Toluene-d8 (Surr)	98	7.724	7.726	-0.002	97	421569	50.0	46.1	
82 Toluene	91	7.812	7.814	-0.002	93	276457	20.0	21.0	
83 trans-1,3-Dichloropropene	75	8.182	8.190	-0.008	96	100583	20.0	20.5	
84 Ethyl methacrylate	69	8.194	8.196	-0.002	94	89753	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	8.417	8.419	-0.002	93	54431	20.0	19.6	
86 Tetrachloroethene	166	8.470	8.472	-0.002	92	46323	20.0	19.7	
87 1,3-Dichloropropane	76	8.646	8.648	-0.002	97	116414	20.0	22.1	
89 2-Hexanone	58	8.693	8.689	0.004	98	154534	100.0	89.8	
88 n-Butyl acetate	43	8.805	8.812	-0.007	98	108922	20.0	32.7	
90 Chlorodibromomethane	129	8.905	8.901	0.004	97	46556	20.0	15.5	
91 Ethylene Dibromide	107	9.075	9.071	0.004	99	57917	20.0	19.9	
* 92 Chlorobenzene-d5	117	9.569	9.570	-0.001	91	344685	50.0	50.0	
93 Chlorobenzene	112	9.604	9.606	-0.002	90	158045	20.0	20.3	
94 Ethylbenzene	106	9.674	9.670	0.004	99	81336	20.0	21.2	
95 1,1,1,2-Tetrachloroethane	131	9.692	9.688	0.004	88	47682	20.0	17.3	
96 m-Xylene & p-Xylene	106	9.798	9.800	-0.002	98	96814	20.0	20.4	
97 n-Butyl acrylate	73	10.139	10.140	-0.001	96	47395	20.0	16.5	
98 o-Xylene	106	10.174	10.181	-0.007	92	99885	20.0	21.2	
99 Styrene	104	10.203	10.199	0.004	91	180473	20.0	20.2	
100 Amyl acetate (mixed isomer	43	10.333	10.334	-0.001	88	133891	20.0	19.0	
101 Bromoform	173	10.397	10.393	0.004	92	24584	20.0	12.3	
102 Isopropylbenzene	105	10.479	10.475	0.004	97	215171	20.0	21.9	
$ 103 4-Bromofluorobenzene	174	10.650	10.651	-0.001	81	103749	50.0	45.6	
104 Camphene	41	10.667	10.663	0.004	96	19397	20.0	23.5	
105 Bromobenzene	156	10.767	10.769	-0.002	93	60275	20.0	19.6	
106 1,1,2,2-Tetrachloroethane	83	10.785	10.787	-0.002	97	85276	20.0	20.4	
107 N-Propylbenzene	91	10.803	10.804	-0.001	98	261350	20.0	22.5	
108 1,2,3-Trichloropropane	110	10.826	10.834	-0.008	93	22521	20.0	20.4	
109 trans-1,4-Dichloro-2-buten	53	10.832	10.840	-0.008	81	28536	20.0	21.2	
110 4-Ethyltoluene	105	10.891	10.892	-0.001	98	217323	20.0	20.3	
111 2-Chlorotoluene	91	10.897	10.898	-0.001	97	200258	20.0	22.2	
112 1,3,5-Trimethylbenzene	105	10.938	10.939	-0.001	91	183063	20.0	22.3	
113 4-Chlorotoluene	91	10.985	10.986	-0.001	99	188422	20.0	21.7	
114 Butyl Methacrylate	87	10.996	10.998	-0.002	98	82392	20.0	17.6	
115 tert-Butylbenzene	119	11.167	11.169	-0.002	91	130814	20.0	21.0	
116 1,2,4-Trimethylbenzene	105	11.214	11.210	0.004	98	191612	20.0	21.7	
117 sec-Butylbenzene	105	11.320	11.315	0.005	98	193915	20.0	21.6	
118 4-Isopropyltoluene	119	11.414	11.409	0.005	97	163675	20.0	21.2	
119 1,3-Dichlorobenzene	146	11.437	11.433	0.004	93	102470	20.0	20.3	
* 120 1,4-Dichlorobenzene-d4	152	11.484	11.480	0.004	98	159027	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.502	11.498	0.004	91	108889	20.0	20.1	
122 Benzyl chloride	91	11.596	11.586	0.010	98	134727	20.0	15.0	
123 2,3-Dihydroindene	117	11.643	11.639	0.004	93	229418	20.0	20.3	
124 p-Diethylbenzene	119	11.666	11.656	0.010	90	110904	20.0	19.9	
125 n-Butylbenzene	91	11.684	11.674	0.010	97	201307	20.0	22.3	M
126 1,2-Dichlorobenzene	146	11.749	11.738	0.010	93	105072	20.0	20.3	
127 1,2,4,5-Tetramethylbenzene	119	12.177	12.167	0.010	97	155836	20.0	19.6	
128 1,2-Dibromo-3-Chloropropan	75	12.277	12.273	0.004	85	14763	20.0	19.6	
129 1,3,5-Trichlorobenzene	180	12.377	12.361	0.016	95	57279	20.0	19.1	
130 Camphor	95	12.765	12.749	0.016	94	38862	100.0	97.9	
131 1,2,4-Trichlorobenzene	180	12.830	12.814	0.016	92	53762	20.0	19.9	
132 Hexachlorobutadiene	225	12.900	12.878	0.022	90	20205	20.0	19.6	
133 Naphthalene	128	13.041	13.019	0.022	99	173527	20.0	20.4	
134 1,2,3-Trichlorobenzene	180	13.229	13.207	0.022	95	49294	20.0	21.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 136 Xylenes, Total	100				0		40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	105.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00113	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
8260ISNEW_00031	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00080	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Aug-2015 12:45:45 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20150807-30486.b\J29727.D

Injection Date: 07-Aug-2015 10:57:30 Instrument ID: CVOAMS8 Operator ID:

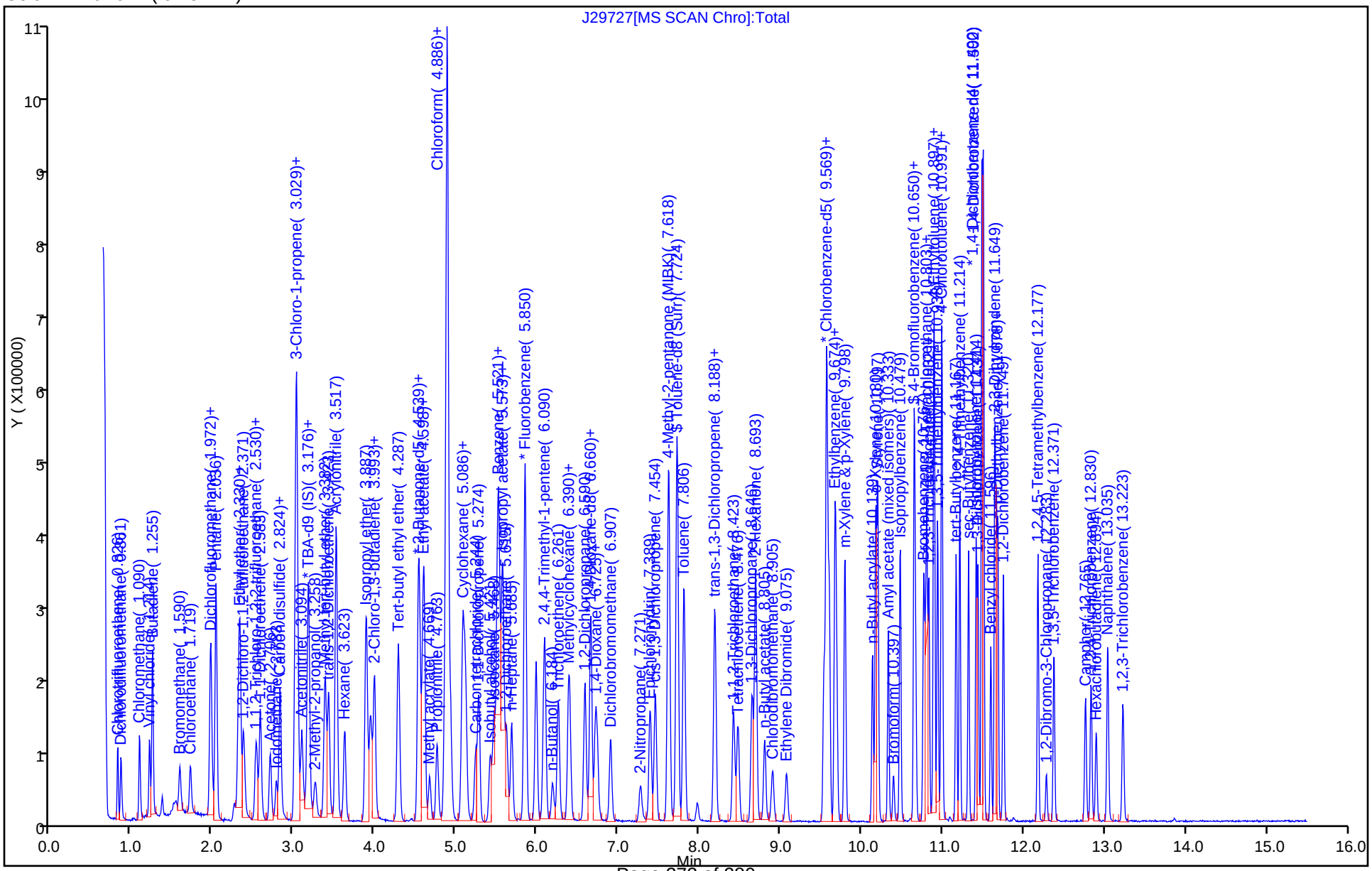
Lims ID: 460-99115-A-1 MSD Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 9

Method: 8260_W8 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 07/21/2015 10:08

Analysis Batch Number: 311803 End Date: 07/21/2015 18:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-311803/1		07/21/2015 10:08	1	J29083.D	Rtx-624 0.25(mm)
STD5 460-311803/4 IC		07/21/2015 11:43	1	J29086.D	Rtx-624 0.25(mm)
STD20 460-311803/5 ICIS		07/21/2015 12:09	1	J29087.D	Rtx-624 0.25(mm)
STD50 460-311803/6 IC		07/21/2015 12:35	1	J29088.D	Rtx-624 0.25(mm)
STD200 460-311803/7 IC		07/21/2015 13:02	1	J29089.D	Rtx-624 0.25(mm)
STD500 460-311803/8 IC		07/21/2015 13:28	1	J29090.D	Rtx-624 0.25(mm)
STD7 460-311803/11 IC		07/21/2015 14:47	1	J29093.D	Rtx-624 0.25(mm)
STD1 460-311803/19 IC		07/21/2015 18:18	1	J29101.D	Rtx-624 0.25(mm)
ICV 460-311803/20		07/21/2015 18:44	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 08/06/2015 04:48

Analysis Batch Number: 314889 End Date: 08/06/2015 16:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-314889/1		08/06/2015 04:48	1	J29686.D	Rtx-624 0.25(mm)
CCVIS 460-314889/3		08/06/2015 05:44	1	J29688.D	Rtx-624 0.25(mm)
LCS 460-314889/4		08/06/2015 06:13	1	J29689.D	Rtx-624 0.25(mm)
MB 460-314889/8		08/06/2015 07:59	1	J29693.D	Rtx-624 0.25(mm)
ZZZZZ		08/06/2015 08:25	1		Rtx-624 0.25(mm)
ZZZZZ		08/06/2015 08:52	1		Rtx-624 0.25(mm)
ZZZZZ		08/06/2015 09:18	2		Rtx-624 0.25(mm)
ZZZZZ		08/06/2015 10:11	2		Rtx-624 0.25(mm)
460-98769-A-22 MS		08/06/2015 10:37	10	J29699.D	Rtx-624 0.25(mm)
460-98769-A-22 MSD		08/06/2015 11:04	10	J29700.D	Rtx-624 0.25(mm)
ZZZZZ		08/06/2015 11:56	2		Rtx-624 0.25(mm)
460-98871-10	FB-9	08/06/2015 13:14	1	J29705.D	Rtx-624 0.25(mm)
460-98871-1	MW-52	08/06/2015 13:40	1	J29706.D	Rtx-624 0.25(mm)
460-98871-2	MW-59	08/06/2015 14:05	1	J29707.D	Rtx-624 0.25(mm)
460-98871-3	MW-03	08/06/2015 14:31	1	J29708.D	Rtx-624 0.25(mm)
460-98871-4	MW-22	08/06/2015 14:57	1	J29709.D	Rtx-624 0.25(mm)
460-98871-6	MW-36	08/06/2015 15:23	1	J29710.D	Rtx-624 0.25(mm)
460-98871-7	MW-06	08/06/2015 15:49	1	J29711.D	Rtx-624 0.25(mm)
460-98871-8	MW-24	08/06/2015 16:14	1	J29712.D	Rtx-624 0.25(mm)
460-98871-9	MW-43	08/06/2015 16:40	1	J29713.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 08/07/2015 04:53

Analysis Batch Number: 315171 End Date: 08/07/2015 15:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-315171/1		08/07/2015 04:53	1	J29714.D	Rtx-624 0.25(mm)
CCVIS 460-315171/4		08/07/2015 06:15	1	J29717.D	Rtx-624 0.25(mm)
LCS 460-315171/5		08/07/2015 06:43	1	J29718.D	Rtx-624 0.25(mm)
MB 460-315171/8		08/07/2015 08:19	1	J29721.D	Rtx-624 0.25(mm)
460-98871-5	FB-8	08/07/2015 08:45	1	J29722.D	Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 09:11	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 09:38	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 10:04	1		Rtx-624 0.25(mm)
460-99115-A-1 MS		08/07/2015 10:31	10	J29726.D	Rtx-624 0.25(mm)
460-99115-A-1 MSD		08/07/2015 10:57	10	J29727.D	Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 12:15	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 13:07	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 13:33	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 13:59	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 14:25	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 14:51	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2015 15:17	1		Rtx-624 0.25(mm)

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

/ Durham Road
New Jersey 08817
732) 549-3900 Fax: (732) 549-3679

460-98871 Chain of Custody

CHAIN OF CUSTODY / AN

Page ____ of ____

Name (for report and invoice) Jeff Bohlen	Samplers Name (Printed) V. Cardoza, C. Barwick	Site/Project Identification 1st Ave and 90th St.
Company Environmental Ltd.	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 5 Old Dock Rd	Analysis Turnaround Time: Standard ☑	Regulatory Program:
City Yaphank State N.Y.	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 631-924-3001 Fax		Job No: 98871

Sample Identification	Date	Time	Matrix	No. of Cont.	8260 - TCL VOCs + 10	Sample Numbers
MW-52	7-29-15	9:25	GW	3	X	-1
MW-59	7-29-15	10:45	GW	3	X	-2
MW-03	7-29-15	12:20	GW	3	X	-3
MW-22	7-29-15	13:30	GW	3	X	-4
FB-8	7-29-15	14:04	GW	2	X	-5
MW-36	7-30-15	9:55	GW	3	X	-6
MW-06	7-30-15	11:10	GW	3	X	-7
MW-24	7-30-15	13:01	GW	3	X	-8
MW-43	7-30-15	14:40	GW	3	X	-9
FB-9	7-30-15	15:15	GW	2	X	-10

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: None; Water: HNO3 (HM)

6 = Other _____, 7 = Other _____

Special Instructions: _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Environmental Ltd.	07/30/15 18:30	1)	ETNY 7/31/15 @ 12:10
2)	ETNY	7/31 12:15	2)	TA
3)	T. B	7/31/15 16:35	3)	TA 6d 7/31/15 1630
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578) 1.5 / 3.5 IR# of NBC.5

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number: 98821

Number of Coolers: 1 IR Gun # 1

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	1.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 7/21/15

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-98871-1

Login Number: 98871
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
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ANALYTICAL REPORT

Job Number: 460-99291-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017

Attention: David Harrington

Approved for release.
Sarah E Brown
Project Management Assistant II
8/13/2015 12:10 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
08/13/2015

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

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

Job Number: 460-99291-1

Job Description: DEC 1st Ave and 90th St; Site: 231008

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

Approved for release.
Sarah E Brown
Project Management Assistant II
8/13/2015 12:10 PM

Designee for
Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC 1st Ave and 90th St; Site: 231008

Report Number: 460-99291-1

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

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

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

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

RECEIPT
The samples were received on 8/5/2015 3:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

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

VOLATILE ORGANICS
Samples MW-48 (460-99291-1), MW-47 (460-99291-2), MW-49 (460-99291-3), MW-23 (460-99291-4), MW-35 (460-99291-5), FB-10 (460-99291-6), MW-11 (460-99291-7), MW-41 (460-99291-8), MW-12 (460-99291-9), MW-13 (460-99291-10), FB-11 (460-99291-11), MW-15 (460-99291-12), MW-05 (460-99291-13), MW-04 (460-99291-14), MW-29 (460-99291-15) and FB-12 (460-99291-16) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/12/2015.

Bromomethane failed the recovery criteria high for the MS and MSD of sample 460-99291-1 in batch 460-316056.

Refer to the QC report for details.

Sample MW-13 (460-99291-10)[10X] required dilution prior to analysis to bring the concentration of target analytes within the calibration range. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 460-99291-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-99291-1	MW-48	Water	07/31/2015 0905	08/05/2015 1550
460-99291-2	MW-47	Water	07/31/2015 1010	08/05/2015 1550
460-99291-3	MW-49	Water	07/31/2015 1115	08/05/2015 1550
460-99291-4	MW-23	Water	07/31/2015 1250	08/05/2015 1550
460-99291-5	MW-35	Water	07/31/2015 1405	08/05/2015 1550
460-99291-6FB	FB-10	Water	07/31/2015 1445	08/05/2015 1550
460-99291-7	MW-11	Water	08/03/2015 1005	08/05/2015 1550
460-99291-8	MW-41	Water	08/03/2015 1155	08/05/2015 1550
460-99291-9	MW-12	Water	08/03/2015 1305	08/05/2015 1550
460-99291-10	MW-13	Water	08/03/2015 1415	08/05/2015 1550
460-99291-11FB	FB-11	Water	08/04/2015 1515	08/05/2015 1550
460-99291-12	MW-15	Water	08/04/2015 1050	08/05/2015 1550
460-99291-13	MW-05	Water	08/04/2015 1210	08/05/2015 1550
460-99291-14	MW-04	Water	08/04/2015 1340	08/05/2015 1550
460-99291-15	MW-29	Water	08/04/2015 1450	08/05/2015 1550
460-99291-16FB	FB-12	Water	08/04/2015 1720	08/05/2015 1550

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-99291-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-99291-4	**MW-23**					
cis-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260C
Tetrachloroethene		0.49	J	1.0	ug/L	8260C
Trichloroethene		0.28	J	1.0	ug/L	8260C
460-99291-7	**MW-11**					
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260C
Methyl tert-butyl ether		150		1.0	ug/L	8260C
Tetrachloroethene		11		1.0	ug/L	8260C
Trichloroethene		3.9		1.0	ug/L	8260C
460-99291-8	**MW-41**					
Benzene		0.49	J	1.0	ug/L	8260C
Cyclohexane		6.9		1.0	ug/L	8260C
Isopropylbenzene		1.2		1.0	ug/L	8260C
Methylcyclohexane		5.4		1.0	ug/L	8260C
m-Xylene & p-Xylene		0.57	J	1.0	ug/L	8260C
460-99291-9	**MW-12**					
Benzene		0.17	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.4		1.0	ug/L	8260C
Cyclohexane		0.59	J	1.0	ug/L	8260C
Ethylbenzene		0.62	J	1.0	ug/L	8260C
Methyl tert-butyl ether		19		1.0	ug/L	8260C
Methylcyclohexane		0.37	J	1.0	ug/L	8260C
460-99291-10	**MW-13**					
Benzene		42		10	ug/L	8260C
Carbon disulfide		10		10	ug/L	8260C
Chloroform		53		10	ug/L	8260C
Cyclohexane		23		10	ug/L	8260C
Ethylbenzene		240		10	ug/L	8260C
Isopropylbenzene		15		10	ug/L	8260C
Methyl tert-butyl ether		450		10	ug/L	8260C
Methylcyclohexane		38		10	ug/L	8260C
m-Xylene & p-Xylene		2300		10	ug/L	8260C
o-Xylene		1400		10	ug/L	8260C
Tetrachloroethene		1.8	J	10	ug/L	8260C
Toluene		220		10	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-99291-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-99291-12	**MW-15**					
cis-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260C
Methyl tert-butyl ether		0.15	J	1.0	ug/L	8260C
Tetrachloroethene		1.0		1.0	ug/L	8260C
Trichloroethene		0.88	J	1.0	ug/L	8260C
460-99291-13	**MW-05**					
Chloroform		0.30	J	1.0	ug/L	8260C
Toluene		0.56	J	1.0	ug/L	8260C
460-99291-14	**MW-04**					
Chloroform		0.71	J	1.0	ug/L	8260C
Tetrachloroethene		0.62	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 460-99291-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C. Job Number: 460-99291-1

Method	Analyst	Analyst ID
SW846 8260C	Desai, Saurab	SZD

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-48

Lab Sample ID: 460-99291-1 Date Sampled: 07/31/2015 0905
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02292.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1042			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-48

Lab Sample ID: 460-99291-1 Date Sampled: 07/31/2015 0905
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02292.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1042			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	85		64 - 135
Dibromofluoromethane (Surr)	91		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-48

Lab Sample ID: 460-99291-1 Date Sampled: 07/31/2015 0905
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02292.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1042			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1042				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-47**

Lab Sample ID: 460-99291-2 Date Sampled: 07/31/2015 1010
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02293.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1108			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1108				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-47

Lab Sample ID: 460-99291-2 Date Sampled: 07/31/2015 1010
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02293.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1108			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1108				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	85		64 - 135
Dibromofluoromethane (Surr)	92		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-47

Lab Sample ID: 460-99291-2 Date Sampled: 07/31/2015 1010
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02293.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1108			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1108				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-49**

Lab Sample ID: 460-99291-3 Date Sampled: 07/31/2015 1115
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02294.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1133			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-49

Lab Sample ID: 460-99291-3 Date Sampled: 07/31/2015 1115
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02294.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1133			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	86		64 - 135
Dibromofluoromethane (Surr)	91		72 - 137
Toluene-d8 (Surr)	98		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-49

Lab Sample ID: 460-99291-3 Date Sampled: 07/31/2015 1115
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02294.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1133			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1133				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-23

Lab Sample ID: 460-99291-4 Date Sampled: 07/31/2015 1250
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02295.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1158			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	0.43	J	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.49	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-23**

Lab Sample ID: 460-99291-4 Date Sampled: 07/31/2015 1250
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02295.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1158			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	0.28	J	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene	86		64 - 135
Dibromofluoromethane (Surr)	93		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-23

Lab Sample ID: 460-99291-4 Date Sampled: 07/31/2015 1250
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02295.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1158			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1158				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-35

Lab Sample ID: 460-99291-5 Date Sampled: 07/31/2015 1405
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02296.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1223			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1223				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-35

Lab Sample ID: 460-99291-5 Date Sampled: 07/31/2015 1405
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02296.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1223			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1223				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	95		72 - 137
Toluene-d8 (Surr)	101		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-35

Lab Sample ID: 460-99291-5 Date Sampled: 07/31/2015 1405
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02296.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1223			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1223				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-10

Lab Sample ID: 460-99291-6FB Date Sampled: 07/31/2015 1445
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02289.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0927			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0927				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-10

Lab Sample ID: 460-99291-6FB Date Sampled: 07/31/2015 1445
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02289.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0927			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0927				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
4-Bromofluorobenzene	94		64 - 135
Dibromofluoromethane (Surr)	99		72 - 137
Toluene-d8 (Surr)	111		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-10

Lab Sample ID: 460-99291-6FB Date Sampled: 07/31/2015 1445
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02289.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0927			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0927				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-11

Lab Sample ID: 460-99291-7 Date Sampled: 08/03/2015 1005
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02303.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1519			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1519				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.2		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	150		0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	11		0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-11

Lab Sample ID: 460-99291-7 Date Sampled: 08/03/2015 1005
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02303.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1519			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1519				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	3.9		0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	94		72 - 137
Toluene-d8 (Surr)	98		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-11

Lab Sample ID: 460-99291-7 Date Sampled: 08/03/2015 1005
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02303.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1519			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1519				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-41**

Lab Sample ID: 460-99291-8 Date Sampled: 08/03/2015 1155
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02297.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1248			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	0.49	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	6.9		0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.2		0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	5.4		0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	0.57	J	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-41

Lab Sample ID: 460-99291-8 Date Sampled: 08/03/2015 1155
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02297.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1248			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	92		72 - 137
Toluene-d8 (Surr)	101		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-41

Lab Sample ID: 460-99291-8 Date Sampled: 08/03/2015 1155
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02297.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1248			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1248				

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
78-78-4	Butane, 2-methyl-	1.28	8.3	J N
79-29-8	Butane, 2,3-dimethyl-	1.88	13	J N
96-37-7	Cyclopentane, methyl-	2.56	5.7	J N
2452-99-5	Cyclopentane, 1,2-dimethyl-	3.45	5.3	J N
2808-76-6	1,3-Dimethyl-1-cyclohexene	5.69	7.0	J N

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-12**

Lab Sample ID: 460-99291-9 Date Sampled: 08/03/2015 1305
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02302.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1454			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1454				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	0.17	J	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.4		0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	0.59	J	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	0.62	J	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	19		0.13	1.0
Methylcyclohexane	0.37	J	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-12

Lab Sample ID: 460-99291-9 Date Sampled: 08/03/2015 1305
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02302.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1454			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1454				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	92		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-12

Lab Sample ID: 460-99291-9 Date Sampled: 08/03/2015 1305
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02302.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1454			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1454				

Tentatively Identified Compounds **Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
75-65-0	2-Propanol, 2-methyl-	2.26	6.8	J N
590-73-8	Hexane, 2,2-dimethyl-	3.44	5.8	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.67	5.2	J N

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-13**

Lab Sample ID: 460-99291-10 Date Sampled: 08/03/2015 1415
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02304.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1544			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	10	U	2.8	10
1,1,2,2-Tetrachloroethane	10	U	1.9	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	3.4	10
1,1,2-Trichloroethane	10	U	0.80	10
1,1-Dichloroethane	10	U	2.4	10
1,1-Dichloroethene	10	U	3.4	10
1,2,3-Trichlorobenzene	10	U	3.5	10
1,2,4-Trichlorobenzene	10	U	2.7	10
1,2-Dibromo-3-Chloropropane	10	U	2.3	10
1,2-Dichlorobenzene	10	U	2.2	10
1,2-Dichloroethane	10	U	2.5	10
1,2-Dichloropropane	10	U	1.8	10
1,3-Dichlorobenzene	10	U	3.3	10
1,4-Dichlorobenzene	10	U	3.3	10
1,4-Dioxane	500	U	87	500
2-Butanone (MEK)	50	U	22	50
2-Hexanone	50	U	7.2	50
4-Methyl-2-pentanone (MIBK)	50	U	6.3	50
Acetone	50	U	11	50
Benzene	42		0.90	10
Bromoform	10	U	1.8	10
Bromomethane	10	U	1.8	10
Carbon disulfide	10		2.2	10
Carbon tetrachloride	10	U	3.3	10
Chlorobenzene	10	U	2.4	10
Chlorobromomethane	10	U	3.0	10
Chlorodibromomethane	10	U	2.2	10
Chloroethane	10	U	3.7	10
Chloroform	53		2.2	10
Chloromethane	10	U	2.2	10
cis-1,2-Dichloroethene	10	U	2.6	10
cis-1,3-Dichloropropene	10	U	1.6	10
Cyclohexane	23		2.6	10
Dichlorobromomethane	10	U	1.5	10
Dichlorodifluoromethane	10	U	1.4	10
Ethylbenzene	240		3.0	10
Ethylene Dibromide	10	U	1.9	10
Isopropylbenzene	15		3.2	10
Methyl acetate	50	U	5.8	50
Methyl tert-butyl ether	450		1.3	10
Methylcyclohexane	38		2.2	10
Methylene Chloride	10	U	2.1	10
m-Xylene & p-Xylene	2300		2.8	10
o-Xylene	1400		3.2	10
Styrene	10	U	1.7	10
Tetrachloroethene	1.8	J	1.2	10

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-13

Lab Sample ID: 460-99291-10 Date Sampled: 08/03/2015 1415
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02304.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1544			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	220		2.5	10
trans-1,2-Dichloroethene	10	U	1.8	10
trans-1,3-Dichloropropene	10	U	1.9	10
Trichloroethene	10	U	2.2	10
Trichlorofluoromethane	10	U	1.5	10
Vinyl chloride	10	U	0.60	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
4-Bromofluorobenzene	92		64 - 135
Dibromofluoromethane (Surr)	94		72 - 137
Toluene-d8 (Surr)	102		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-13

Lab Sample ID: 460-99291-10 Date Sampled: 08/03/2015 1415
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02304.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1544			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1544				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
620-14-4	Benzene, 1-ethyl-3-methyl-	9.62	790	J N
108-67-8	Benzene, 1,3,5-trimethyl-	9.80	340	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.09	330	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.40	1100	J N
526-73-8	Benzene, 1,2,3-trimethyl-	11.09	430	J N
496-11-7	Indane	11.26	310	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.49	90	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.97	120	J N
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.87	150	J N
91-20-3	Naphthalene	13.56	190	J N

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-11

Lab Sample ID: 460-99291-11FB Date Sampled: 08/04/2015 1515
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02290.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0952			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0952				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-11

Lab Sample ID: 460-99291-11FB Date Sampled: 08/04/2015 1515
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02290.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0952			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0952				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	86		64 - 135
Dibromofluoromethane (Surr)	91		72 - 137
Toluene-d8 (Surr)	100		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-11

Lab Sample ID: 460-99291-11FB Date Sampled: 08/04/2015 1515
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02290.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0952			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0952				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-15

Lab Sample ID: 460-99291-12 Date Sampled: 08/04/2015 1050
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02298.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1313			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1313				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	0.54	J	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	0.15	J	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0		0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-15

Lab Sample ID: 460-99291-12 Date Sampled: 08/04/2015 1050
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02298.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1313			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1313				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	0.88	J	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene	88		64 - 135
Dibromofluoromethane (Surr)	93		72 - 137
Toluene-d8 (Surr)	100		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-15

Lab Sample ID: 460-99291-12 Date Sampled: 08/04/2015 1050
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02298.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1313			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1313				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-05

Lab Sample ID: 460-99291-13 Date Sampled: 08/04/2015 1210
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02299.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1338			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.30	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-05

Lab Sample ID: 460-99291-13 Date Sampled: 08/04/2015 1210
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02299.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1338			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	0.56	J	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	94		72 - 137
Toluene-d8 (Surr)	100		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-05

Lab Sample ID: 460-99291-13 Date Sampled: 08/04/2015 1210
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02299.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1338			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1338				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-04

Lab Sample ID: 460-99291-14 Date Sampled: 08/04/2015 1340
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02300.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1403			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1403				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	0.71	J	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	0.62	J	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-04

Lab Sample ID: 460-99291-14 Date Sampled: 08/04/2015 1340
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02300.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1403			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1403				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	88		64 - 135
Dibromofluoromethane (Surr)	94		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-04

Lab Sample ID: 460-99291-14 Date Sampled: 08/04/2015 1340
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02300.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1403			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1403				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-29

Lab Sample ID: 460-99291-15 Date Sampled: 08/04/2015 1450
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02301.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1428			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1428				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: MW-29

Lab Sample ID: 460-99291-15 Date Sampled: 08/04/2015 1450
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02301.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1428			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1428				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene	87		64 - 135
Dibromofluoromethane (Surr)	92		72 - 137
Toluene-d8 (Surr)	99		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: **MW-29**

Lab Sample ID: 460-99291-15 Date Sampled: 08/04/2015 1450
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02301.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1428			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1428				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-12

Lab Sample ID: 460-99291-16FB Date Sampled: 08/04/2015 1720
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02291.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1017			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1017				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0
Tetrachloroethene	1.0	U	0.12	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-12

Lab Sample ID: 460-99291-16FB Date Sampled: 08/04/2015 1720
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02291.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1017			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1017				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene	85		64 - 135
Dibromofluoromethane (Surr)	92		72 - 137
Toluene-d8 (Surr)	101		70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Client Sample ID: FB-12

Lab Sample ID: 460-99291-16FB Date Sampled: 08/04/2015 1720
Client Matrix: Water Date Received: 08/05/2015 1550

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P02291.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1017			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1017				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-99291-1	MW-48	91	95	99	85
460-99291-2	MW-47	92	95	99	85
460-99291-3	MW-49	91	95	98	86
460-99291-4	MW-23	93	96	99	86
460-99291-5	MW-35	95	96	101	87
460-99291-6	FB-10	99	108	111	94
460-99291-7	MW-11	94	94	98	87
460-99291-8	MW-41	92	94	101	87
460-99291-9	MW-12	92	93	99	87
460-99291-10	MW-13	94	94	102	92
460-99291-11	FB-11	91	95	100	86
460-99291-12	MW-15	93	97	100	88
460-99291-13	MW-05	94	95	100	87
460-99291-14	MW-04	94	95	99	88
460-99291-15	MW-29	92	95	99	87
460-99291-16	FB-12	92	96	101	85
MB 460-316056/6		92	97	103	85
LCS 460-316056/4		89	95	103	88
460-99291-1 MS	MW-48 MS	90	92	99	91
460-99291-1 MSD	MW-48 MSD	89	92	98	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Client: New York State D.E.C. Job Number: 460-99291-1

Method Blank - Batch: 460-316056

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-316056/6	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02288.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0902	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0902				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.28	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dioxane	50	U	8.7	50
2-Butanone (MEK)	5.0	U	2.2	5.0
2-Hexanone	5.0	U	0.72	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
Acetone	5.0	U	1.1	5.0
Benzene	1.0	U	0.090	1.0
Bromoform	1.0	U	0.18	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Chlorobenzene	1.0	U	0.24	1.0
Chlorobromomethane	1.0	U	0.30	1.0
Chlorodibromomethane	1.0	U	0.22	1.0
Chloroethane	1.0	U	0.37	1.0
Chloroform	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.22	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Cyclohexane	1.0	U	0.26	1.0
Dichlorobromomethane	1.0	U	0.15	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
Ethylbenzene	1.0	U	0.30	1.0
Ethylene Dibromide	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.22	1.0
Methylene Chloride	1.0	U	0.21	1.0
m-Xylene & p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
Styrene	1.0	U	0.17	1.0

Client: New York State D.E.C. Job Number: 460-99291-1

Method Blank - Batch: 460-316056

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-316056/6	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02288.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0902	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0902				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.0	U	0.12	1.0
Toluene	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.060	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
4-Bromofluorobenzene	85	64 - 135
Dibromofluoromethane (Surr)	92	72 - 137
Toluene-d8 (Surr)	103	70 - 130

Method Blank TICs- Batch: 460-316056

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: New York State D.E.C. Job Number: 460-99291-1

Lab Control Sample - Batch: 460-316056

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-316056/4	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02286.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0810	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0810				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	17.7	88	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	21.1	106	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.7	109	60 - 144	
1,1,2-Trichloroethane	20.0	20.6	103	68 - 121	
1,1-Dichloroethane	20.0	18.6	93	75 - 126	
1,1-Dichloroethene	20.0	17.8	89	71 - 123	
1,2,3-Trichlorobenzene	20.0	18.8	94	72 - 135	
1,2,4-Trichlorobenzene	20.0	18.2	91	76 - 129	
1,2-Dibromo-3-Chloropropane	20.0	19.1	96	53 - 136	
1,2-Dichlorobenzene	20.0	19.5	98	81 - 120	
1,2-Dichloroethane	20.0	18.4	92	75 - 127	
1,2-Dichloropropane	20.0	18.5	92	70 - 120	
1,3-Dichlorobenzene	20.0	19.8	99	75 - 120	
1,4-Dichlorobenzene	20.0	19.3	96	75 - 120	
1,4-Dioxane	400	444	111	46 - 150	
2-Butanone (MEK)	100	85.1	85	52 - 140	
2-Hexanone	100	100	100	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	103	103	56 - 132	
Acetone	100	72.6	73	26 - 150	
Benzene	20.0	19.6	98	69 - 125	
Bromoform	20.0	16.8	84	50 - 134	
Bromomethane	20.0	27.3	136	27 - 150	
Carbon disulfide	20.0	16.8	84	61 - 126	
Carbon tetrachloride	20.0	17.4	87	58 - 150	
Chlorobenzene	20.0	19.6	98	77 - 120	
Chlorobromomethane	20.0	17.8	89	70 - 134	
Chlorodibromomethane	20.0	18.9	95	63 - 131	
Chloroethane	20.0	21.2	106	58 - 145	
Chloroform	20.0	18.1	91	81 - 122	
Chloromethane	20.0	17.1	86	43 - 145	
cis-1,2-Dichloroethene	20.0	18.0	90	78 - 121	
cis-1,3-Dichloropropene	20.0	20.9	104	71 - 120	
Cyclohexane	20.0	20.3	102	50 - 150	
Dichlorobromomethane	20.0	18.3	92	72 - 123	
Dichlorodifluoromethane	20.0	16.2	81	40 - 150	
Ethylbenzene	20.0	20.3	101	74 - 120	
Ethylene Dibromide	20.0	19.2	96	77 - 117	
Isopropylbenzene	20.0	20.5	102	74 - 127	
Methyl acetate	100	83.9	84	62 - 140	
Methyl tert-butyl ether	20.0	19.5	98	73 - 125	
Methylcyclohexane	20.0	18.7	94	50 - 150	
Methylene Chloride	20.0	18.6	93	76 - 123	
m-Xylene & p-Xylene	20.0	19.7	98	78 - 119	
o-Xylene	20.0	20.0	100	79 - 120	
Styrene	20.0	20.4	102	76 - 120	
Tetrachloroethene	20.0	17.2	86	70 - 136	

Client: New York State D.E.C. Job Number: 460-99291-1

Lab Control Sample - Batch: 460-316056

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-316056/4	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02286.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 0810	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 0810				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toluene	20.0	19.7	98	78 - 120	
trans-1,2-Dichloroethene	20.0	17.2	86	79 - 120	
trans-1,3-Dichloropropene	20.0	20.4	102	71 - 123	
Trichloroethene	20.0	18.1	91	74 - 120	
Trichlorofluoromethane	20.0	16.2	81	65 - 142	
Vinyl chloride	20.0	17.6	88	56 - 137	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 130
4-Bromofluorobenzene	88	64 - 135
Dibromofluoromethane (Surr)	89	72 - 137
Toluene-d8 (Surr)	103	70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-316056

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99291-1	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02305.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1609			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1609				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-99291-1	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02306.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1634			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1634				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	93	92	73 - 134	1	30		
1,1,2,2-Tetrachloroethane	100	101	55 - 133	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	77	76	60 - 144	1	30		
1,1,2-Trichloroethane	99	99	68 - 121	0	30		
1,1-Dichloroethane	93	94	75 - 126	0	30		
1,1-Dichloroethene	89	89	71 - 123	0	30		
1,2,3-Trichlorobenzene	89	91	72 - 135	2	30		
1,2,4-Trichlorobenzene	88	90	76 - 129	2	30		
1,2-Dibromo-3-Chloropropane	87	89	53 - 136	2	30		
1,2-Dichlorobenzene	99	97	81 - 120	2	30		
1,2-Dichloroethane	90	91	75 - 127	1	30		
1,2-Dichloropropane	92	91	70 - 120	0	30		
1,3-Dichlorobenzene	100	100	75 - 120	0	30		
1,4-Dichlorobenzene	97	97	75 - 120	1	30		
1,4-Dioxane	105	118	46 - 150	11	30		
2-Butanone (MEK)	91	92	52 - 140	1	30		
2-Hexanone	102	102	49 - 131	0	30		
4-Methyl-2-pentanone (MIBK)	106	106	56 - 132	0	30		
Acetone	68	67	26 - 150	1	30		
Benzene	99	99	69 - 125	1	30		
Bromoform	84	85	50 - 134	1	30		
Bromomethane	152	162	27 - 150	7	30	*	*
Carbon disulfide	85	85	61 - 126	0	30		
Carbon tetrachloride	91	92	58 - 150	1	30		
Chlorobenzene	101	100	77 - 120	1	30		
Chlorobromomethane	96	93	70 - 134	4	30		
Chlorodibromomethane	98	95	63 - 131	2	30		
Chloroethane	106	107	58 - 145	1	30		
Chloroform	95	93	81 - 122	2	30		
Chloromethane	85	86	43 - 145	1	30		
cis-1,2-Dichloroethene	93	92	78 - 121	1	30		
cis-1,3-Dichloropropene	97	96	71 - 120	1	30		
Cyclohexane	78	77	50 - 150	1	30		

Client: New York State D.E.C. Job Number: 460-99291-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-316056

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99291-1	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02305.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1609			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1609				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-99291-1	Analysis Batch:	460-316056	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P02306.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2015 1634			Final Weight/Volume:	5 mL
Prep Date:	08/12/2015 1634				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	94	95	72 - 123	2	30		
Dichlorodifluoromethane	70	68	40 - 150	3	30		
Ethylbenzene	103	104	74 - 120	1	30		
Ethylene Dibromide	93	96	77 - 117	3	30		
Isopropylbenzene	106	107	74 - 127	1	30		
Methyl acetate	70	72	62 - 140	3	30		
Methyl tert-butyl ether	92	93	73 - 125	2	30		
Methylcyclohexane	68	67	50 - 150	0	30		
Methylene Chloride	95	96	76 - 123	1	30		
m-Xylene & p-Xylene	105	102	78 - 119	3	30		
o-Xylene	103	102	79 - 120	1	30		
Styrene	101	104	76 - 120	3	30		
Tetrachloroethene	88	89	70 - 136	1	30		
Toluene	98	99	78 - 120	1	30		
trans-1,2-Dichloroethene	89	91	79 - 120	2	30		
trans-1,3-Dichloropropene	98	98	71 - 123	0	30		
Trichloroethene	90	90	74 - 120	0	30		
Trichlorofluoromethane	81	81	65 - 142	0	30		
Vinyl chloride	90	91	56 - 137	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	92	70 - 130
4-Bromofluorobenzene	91	92	64 - 135
Dibromofluoromethane (Surr)	90	89	72 - 137
Toluene-d8 (Surr)	99	98	70 - 130

Client: New York State D.E.C. Job Number: 460-99291-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-316056

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99291-1	Units: ug/L		MSD Lab Sample ID:	460-99291-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	08/12/2015 1609			Analysis Date:	08/12/2015 1634
Prep Date:	08/12/2015 1609			Prep Date:	08/12/2015 1634
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	1.0	U	200	200	187		185	
1,1,2,2-Tetrachloroethane	1.0	U	200	200	201		202	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	200	153		151	
1,1,2-Trichloroethane	1.0	U	200	200	198		198	
1,1-Dichloroethane	1.0	U	200	200	187		187	
1,1-Dichloroethene	1.0	U	200	200	177		177	
1,2,3-Trichlorobenzene	1.0	U	200	200	178		182	
1,2,4-Trichlorobenzene	1.0	U	200	200	177		181	
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	173		177	
1,2-Dichlorobenzene	1.0	U	200	200	198		194	
1,2-Dichloroethane	1.0	U	200	200	180		183	
1,2-Dichloropropane	1.0	U	200	200	184		183	
1,3-Dichlorobenzene	1.0	U	200	200	200		199	
1,4-Dichlorobenzene	1.0	U	200	200	193		195	
1,4-Dioxane	50	U	4000	4000	4220		4710	
2-Butanone (MEK)	5.0	U	1000	1000	907		920	
2-Hexanone	5.0	U	1000	1000	1020		1020	
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1000	1060		1060	
Acetone	5.0	U	1000	1000	679		670	
Benzene	1.0	U	200	200	197		198	
Bromoform	1.0	U	200	200	168		170	
Bromomethane	1.0	U	200	200	303	*	324	*
Carbon disulfide	1.0	U	200	200	170		170	
Carbon tetrachloride	1.0	U	200	200	182		184	
Chlorobenzene	1.0	U	200	200	202		200	
Chlorobromomethane	1.0	U	200	200	193		186	
Chlorodibromomethane	1.0	U	200	200	196		191	
Chloroethane	1.0	U	200	200	213		214	
Chloroform	1.0	U	200	200	190		186	
Chloromethane	1.0	U	200	200	170		172	
cis-1,2-Dichloroethene	1.0	U	200	200	185		184	
cis-1,3-Dichloropropene	1.0	U	200	200	194		192	
Cyclohexane	1.0	U	200	200	156		154	
Dichlorobromomethane	1.0	U	200	200	187		190	
Dichlorodifluoromethane	1.0	U	200	200	141		137	
Ethylbenzene	1.0	U	200	200	206		209	
Ethylene Dibromide	1.0	U	200	200	186		191	
Isopropylbenzene	1.0	U	200	200	212		214	
Methyl acetate	5.0	U	1000	1000	704		724	
Methyl tert-butyl ether	1.0	U	200	200	183		186	
Methylcyclohexane	1.0	U	200	200	135		134	
Methylene Chloride	1.0	U	200	200	189		191	
m-Xylene & p-Xylene	1.0	U	200	200	211		204	

Client: New York State D.E.C. Job Number: 460-99291-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-316056

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-99291-1	Units:	ug/L	MSD Lab Sample ID:	460-99291-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	08/12/2015 1609			Analysis Date:	08/12/2015 1634
Prep Date:	08/12/2015 1609			Prep Date:	08/12/2015 1634
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
o-Xylene	1.0	U	200	200	205	203
Styrene	1.0	U	200	200	201	208
Tetrachloroethene	1.0	U	200	200	176	178
Toluene	1.0	U	200	200	197	198
trans-1,2-Dichloroethene	1.0	U	200	200	179	182
trans-1,3-Dichloropropene	1.0	U	200	200	196	196
Trichloroethene	1.0	U	200	200	181	180
Trichlorofluoromethane	1.0	U	200	200	162	162
Vinyl chloride	1.0	U	200	200	180	182

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 460-99291-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD is outside acceptance limits.
	N	This flag indicates the presumptive evidence of a compound.

Client: New York State D.E.C. Job Number: 460-99291-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-316056					
LCS 460-316056/4	Lab Control Sample	T	Water	8260C	
MB 460-316056/6	Method Blank	T	Water	8260C	
460-99291-1	MW-48	T	Water	8260C	
460-99291-1MS	Matrix Spike	T	Water	8260C	
460-99291-1MSD	Matrix Spike Duplicate	T	Water	8260C	
460-99291-2	MW-47	T	Water	8260C	
460-99291-3	MW-49	T	Water	8260C	
460-99291-4	MW-23	T	Water	8260C	
460-99291-5	MW-35	T	Water	8260C	
460-99291-6FB	FB-10	T	Water	8260C	
460-99291-7	MW-11	T	Water	8260C	
460-99291-8	MW-41	T	Water	8260C	
460-99291-9	MW-12	T	Water	8260C	
460-99291-10	MW-13	T	Water	8260C	
460-99291-11FB	FB-11	T	Water	8260C	
460-99291-12	MW-15	T	Water	8260C	
460-99291-13	MW-05	T	Water	8260C	
460-99291-14	MW-04	T	Water	8260C	
460-99291-15	MW-29	T	Water	8260C	
460-99291-16FB	FB-12	T	Water	8260C	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-99291-1

Laboratory Chronicle

Lab ID: 460-99291-1 **Client ID: MW-48**

Sample Date/Time: 07/31/2015 09:05 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-1		460-316056		08/12/2015 10:42	1	TAL EDI	SZD
A:8260C	460-99291-B-1		460-316056		08/12/2015 10:42	1	TAL EDI	SZD

Lab ID: 460-99291-1 MS **Client ID: MW-48**

Sample Date/Time: 07/31/2015 09:05 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-A-1 MS		460-316056		08/12/2015 16:09	10	TAL EDI	SZD
A:8260C	460-99291-A-1 MS		460-316056		08/12/2015 16:09	10	TAL EDI	SZD

Lab ID: 460-99291-1 MSD **Client ID: MW-48**

Sample Date/Time: 07/31/2015 09:05 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-A-1 MSD		460-316056		08/12/2015 16:34	10	TAL EDI	SZD
A:8260C	460-99291-A-1 MSD		460-316056		08/12/2015 16:34	10	TAL EDI	SZD

Lab ID: 460-99291-2 **Client ID: MW-47**

Sample Date/Time: 07/31/2015 10:10 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-2		460-316056		08/12/2015 11:08	1	TAL EDI	SZD
A:8260C	460-99291-B-2		460-316056		08/12/2015 11:08	1	TAL EDI	SZD

Lab ID: 460-99291-3 **Client ID: MW-49**

Sample Date/Time: 07/31/2015 11:15 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-3		460-316056		08/12/2015 11:33	1	TAL EDI	SZD
A:8260C	460-99291-B-3		460-316056		08/12/2015 11:33	1	TAL EDI	SZD

Lab ID: 460-99291-4 **Client ID: MW-23**

Sample Date/Time: 07/31/2015 12:50 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-4		460-316056		08/12/2015 11:58	1	TAL EDI	SZD
A:8260C	460-99291-B-4		460-316056		08/12/2015 11:58	1	TAL EDI	SZD

Client: New York State D.E.C. Job Number: 460-99291-1

Laboratory Chronicle

Lab ID: 460-99291-5 **Client ID: MW-35**

Sample Date/Time: 07/31/2015 14:05 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-5		460-316056		08/12/2015 12:23	1	TAL EDI	SZD
A:8260C	460-99291-B-5		460-316056		08/12/2015 12:23	1	TAL EDI	SZD

Lab ID: 460-99291-6 **Client ID: FB-10**

Sample Date/Time: 07/31/2015 14:45 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-A-6		460-316056		08/12/2015 09:27	1	TAL EDI	SZD
A:8260C	460-99291-A-6		460-316056		08/12/2015 09:27	1	TAL EDI	SZD

Lab ID: 460-99291-7 **Client ID: MW-11**

Sample Date/Time: 08/03/2015 10:05 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-7		460-316056		08/12/2015 15:19	1	TAL EDI	SZD
A:8260C	460-99291-B-7		460-316056		08/12/2015 15:19	1	TAL EDI	SZD

Lab ID: 460-99291-8 **Client ID: MW-41**

Sample Date/Time: 08/03/2015 11:55 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-8		460-316056		08/12/2015 12:48	1	TAL EDI	SZD
A:8260C	460-99291-B-8		460-316056		08/12/2015 12:48	1	TAL EDI	SZD

Lab ID: 460-99291-9 **Client ID: MW-12**

Sample Date/Time: 08/03/2015 13:05 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-9		460-316056		08/12/2015 14:54	1	TAL EDI	SZD
A:8260C	460-99291-B-9		460-316056		08/12/2015 14:54	1	TAL EDI	SZD

Lab ID: 460-99291-10 **Client ID: MW-13**

Sample Date/Time: 08/03/2015 14:15 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-10		460-316056		08/12/2015 15:44	10	TAL EDI	SZD
A:8260C	460-99291-B-10		460-316056		08/12/2015 15:44	10	TAL EDI	SZD

Client: New York State D.E.C. Job Number: 460-99291-1

Laboratory Chronicle

Lab ID: 460-99291-11 **Client ID: FB-11**

Sample Date/Time: 08/04/2015 15:15 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-A-11		460-316056		08/12/2015 09:52	1	TAL EDI	SZD
A:8260C	460-99291-A-11		460-316056		08/12/2015 09:52	1	TAL EDI	SZD

Lab ID: 460-99291-12 **Client ID: MW-15**

Sample Date/Time: 08/04/2015 10:50 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-12		460-316056		08/12/2015 13:13	1	TAL EDI	SZD
A:8260C	460-99291-B-12		460-316056		08/12/2015 13:13	1	TAL EDI	SZD

Lab ID: 460-99291-13 **Client ID: MW-05**

Sample Date/Time: 08/04/2015 12:10 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-A-13		460-316056		08/12/2015 13:38	1	TAL EDI	SZD
A:8260C	460-99291-A-13		460-316056		08/12/2015 13:38	1	TAL EDI	SZD

Lab ID: 460-99291-14 **Client ID: MW-04**

Sample Date/Time: 08/04/2015 13:40 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-A-14		460-316056		08/12/2015 14:03	1	TAL EDI	SZD
A:8260C	460-99291-A-14		460-316056		08/12/2015 14:03	1	TAL EDI	SZD

Lab ID: 460-99291-15 **Client ID: MW-29**

Sample Date/Time: 08/04/2015 14:50 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-15		460-316056		08/12/2015 14:28	1	TAL EDI	SZD
A:8260C	460-99291-B-15		460-316056		08/12/2015 14:28	1	TAL EDI	SZD

Lab ID: 460-99291-16 **Client ID: FB-12**

Sample Date/Time: 08/04/2015 17:20 Received Date/Time: 08/05/2015 15:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-99291-B-16		460-316056		08/12/2015 10:17	1	TAL EDI	SZD
A:8260C	460-99291-B-16		460-316056		08/12/2015 10:17	1	TAL EDI	SZD

Client: New York State D.E.C. Job Number: 460-99291-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 460-316056/6		460-316056		08/12/2015 09:02	1	TAL EDI	SZD
A:8260C	MB 460-316056/6		460-316056		08/12/2015 09:02	1	TAL EDI	SZD

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 460-316056/4		460-316056		08/12/2015 08:10	1	TAL EDI	SZD
A:8260C	LCS 460-316056/4		460-316056		08/12/2015 08:10	1	TAL EDI	SZD

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-48	460-99291-1	91	95	99	85
MW-47	460-99291-2	92	95	99	85
MW-49	460-99291-3	91	95	98	86
MW-23	460-99291-4	93	96	99	86
MW-35	460-99291-5	95	96	101	87
FB-10	460-99291-6	99	108	111	94
MW-11	460-99291-7	94	94	98	87
MW-41	460-99291-8	92	94	101	87
MW-12	460-99291-9	92	93	99	87
MW-13	460-99291-10	94	94	102	92
FB-11	460-99291-11	91	95	100	86
MW-15	460-99291-12	93	97	100	88
MW-05	460-99291-13	94	95	100	87
MW-04	460-99291-14	94	95	99	88
MW-29	460-99291-15	92	95	99	87
FB-12	460-99291-16	92	96	101	85
	MB 460-316056/6	92	97	103	85
	LCS 460-316056/4	89	95	103	88
MW-48 MS	460-99291-1 MS	90	92	99	91
MW-48 MSD	460-99291-1 MSD	89	92	98	92

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P02286.D

Lab ID: LCS 460-316056/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.7	88	73-134	
1,1,2,2-Tetrachloroethane	20.0	21.1	106	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.7	109	60-144	
1,1,2-Trichloroethane	20.0	20.6	103	68-121	
1,1-Dichloroethane	20.0	18.6	93	75-126	
1,1-Dichloroethene	20.0	17.8	89	71-123	
1,2,3-Trichlorobenzene	20.0	18.8	94	72-135	
1,2,4-Trichlorobenzene	20.0	18.2	91	76-129	
1,2-Dibromo-3-Chloropropane	20.0	19.1	96	53-136	
1,2-Dichlorobenzene	20.0	19.5	98	81-120	
1,2-Dichloroethane	20.0	18.4	92	75-127	
1,2-Dichloropropane	20.0	18.5	92	70-120	
1,3-Dichlorobenzene	20.0	19.8	99	75-120	
1,4-Dichlorobenzene	20.0	19.3	96	75-120	
1,4-Dioxane	400	444	111	46-150	
2-Butanone (MEK)	100	85.1	85	52-140	
2-Hexanone	100	100	100	49-131	
4-Methyl-2-pentanone (MIBK)	100	103	103	56-132	
Acetone	100	72.6	73	26-150	
Benzene	20.0	19.6	98	69-125	
Bromoform	20.0	16.8	84	50-134	
Bromomethane	20.0	27.3	136	27-150	
Carbon disulfide	20.0	16.8	84	61-126	
Carbon tetrachloride	20.0	17.4	87	58-150	
Chlorobenzene	20.0	19.6	98	77-120	
Chlorobromomethane	20.0	17.8	89	70-134	
Chlorodibromomethane	20.0	18.9	95	63-131	
Chloroethane	20.0	21.2	106	58-145	
Chloroform	20.0	18.1	91	81-122	
Chloromethane	20.0	17.1	86	43-145	
cis-1,2-Dichloroethene	20.0	18.0	90	78-121	
cis-1,3-Dichloropropene	20.0	20.9	104	71-120	
Cyclohexane	20.0	20.3	102	50-150	
Dichlorobromomethane	20.0	18.3	92	72-123	
Dichlorodifluoromethane	20.0	16.2	81	40-150	
Ethylbenzene	20.0	20.3	101	74-120	
Ethylene Dibromide	20.0	19.2	96	77-117	
Isopropylbenzene	20.0	20.5	102	74-127	
Methyl acetate	100	83.9	84	62-140	
Methyl tert-butyl ether	20.0	19.5	98	73-125	
Methylcyclohexane	20.0	18.7	94	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P02286.D

Lab ID: LCS 460-316056/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	18.6	93	76-123	
m-Xylene & p-Xylene	20.0	19.7	98	78-119	
o-Xylene	20.0	20.0	100	79-120	
Styrene	20.0	20.4	102	76-120	
Tetrachloroethene	20.0	17.2	86	70-136	
Toluene	20.0	19.7	98	78-120	
trans-1,2-Dichloroethene	20.0	17.2	86	79-120	
trans-1,3-Dichloropropene	20.0	20.4	102	71-123	
Trichloroethene	20.0	18.1	91	74-120	
Trichlorofluoromethane	20.0	16.2	81	65-142	
Vinyl chloride	20.0	17.6	88	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P02305.D

Lab ID: 460-99291-1 MS Client ID: MW-48 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	1.0 U	187	93	73-134	
1,1,2,2-Tetrachloroethane	200	1.0 U	201	100	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	1.0 U	153	77	60-144	
1,1,2-Trichloroethane	200	1.0 U	198	99	68-121	
1,1-Dichloroethane	200	1.0 U	187	93	75-126	
1,1-Dichloroethene	200	1.0 U	177	89	71-123	
1,2,3-Trichlorobenzene	200	1.0 U	178	89	72-135	
1,2,4-Trichlorobenzene	200	1.0 U	177	88	76-129	
1,2-Dibromo-3-Chloropropane	200	1.0 U	173	87	53-136	
1,2-Dichlorobenzene	200	1.0 U	198	99	81-120	
1,2-Dichloroethane	200	1.0 U	180	90	75-127	
1,2-Dichloropropane	200	1.0 U	184	92	70-120	
1,3-Dichlorobenzene	200	1.0 U	200	100	75-120	
1,4-Dichlorobenzene	200	1.0 U	193	97	75-120	
1,4-Dioxane	4000	50 U	4220	105	46-150	
2-Butanone (MEK)	1000	5.0 U	907	91	52-140	
2-Hexanone	1000	5.0 U	1020	102	49-131	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	1060	106	56-132	
Acetone	1000	5.0 U	679	68	26-150	
Benzene	200	1.0 U	197	99	69-125	
Bromoform	200	1.0 U	168	84	50-134	
Bromomethane	200	1.0 U	303	152	27-150	*
Carbon disulfide	200	1.0 U	170	85	61-126	
Carbon tetrachloride	200	1.0 U	182	91	58-150	
Chlorobenzene	200	1.0 U	202	101	77-120	
Chlorobromomethane	200	1.0 U	193	96	70-134	
Chlorodibromomethane	200	1.0 U	196	98	63-131	
Chloroethane	200	1.0 U	213	106	58-145	
Chloroform	200	1.0 U	190	95	81-122	
Chloromethane	200	1.0 U	170	85	43-145	
cis-1,2-Dichloroethene	200	1.0 U	185	93	78-121	
cis-1,3-Dichloropropene	200	1.0 U	194	97	71-120	
Cyclohexane	200	1.0 U	156	78	50-150	
Dichlorobromomethane	200	1.0 U	187	94	72-123	
Dichlorodifluoromethane	200	1.0 U	141	70	40-150	
Ethylbenzene	200	1.0 U	206	103	74-120	
Ethylene Dibromide	200	1.0 U	186	93	77-117	
Isopropylbenzene	200	1.0 U	212	106	74-127	
Methyl acetate	1000	5.0 U	704	70	62-140	
Methyl tert-butyl ether	200	1.0 U	183	92	73-125	
Methylcyclohexane	200	1.0 U	135	68	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P02305.D

Lab ID: 460-99291-1 MS Client ID: MW-48 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	200	1.0 U	189	95	76-123	
m-Xylene & p-Xylene	200	1.0 U	211	105	78-119	
o-Xylene	200	1.0 U	205	103	79-120	
Styrene	200	1.0 U	201	101	76-120	
Tetrachloroethene	200	1.0 U	176	88	70-136	
Toluene	200	1.0 U	197	98	78-120	
trans-1,2-Dichloroethene	200	1.0 U	179	89	79-120	
trans-1,3-Dichloropropene	200	1.0 U	196	98	71-123	
Trichloroethene	200	1.0 U	181	90	74-120	
Trichlorofluoromethane	200	1.0 U	162	81	65-142	
Vinyl chloride	200	1.0 U	180	90	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P02306.D

Lab ID: 460-99291-1 MSD Client ID: MW-48 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	200	185	92	1	30	73-134	
1,1,2,2-Tetrachloroethane	200	202	101	0	30	55-133	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	151	76	1	30	60-144	
1,1,2-Trichloroethane	200	198	99	0	30	68-121	
1,1-Dichloroethane	200	187	94	0	30	75-126	
1,1-Dichloroethene	200	177	89	0	30	71-123	
1,2,3-Trichlorobenzene	200	182	91	2	30	72-135	
1,2,4-Trichlorobenzene	200	181	90	2	30	76-129	
1,2-Dibromo-3-Chloropropane	200	177	89	2	30	53-136	
1,2-Dichlorobenzene	200	194	97	2	30	81-120	
1,2-Dichloroethane	200	183	91	1	30	75-127	
1,2-Dichloropropane	200	183	91	0	30	70-120	
1,3-Dichlorobenzene	200	199	100	0	30	75-120	
1,4-Dichlorobenzene	200	195	97	1	30	75-120	
1,4-Dioxane	4000	4710	118	11	30	46-150	
2-Butanone (MEK)	1000	920	92	1	30	52-140	
2-Hexanone	1000	1020	102	0	30	49-131	
4-Methyl-2-pentanone (MIBK)	1000	1060	106	0	30	56-132	
Acetone	1000	670	67	1	30	26-150	
Benzene	200	198	99	1	30	69-125	
Bromoform	200	170	85	1	30	50-134	
Bromomethane	200	324	162	7	30	27-150	*
Carbon disulfide	200	170	85	0	30	61-126	
Carbon tetrachloride	200	184	92	1	30	58-150	
Chlorobenzene	200	200	100	1	30	77-120	
Chlorobromomethane	200	186	93	4	30	70-134	
Chlorodibromomethane	200	191	95	2	30	63-131	
Chloroethane	200	214	107	1	30	58-145	
Chloroform	200	186	93	2	30	81-122	
Chloromethane	200	172	86	1	30	43-145	
cis-1,2-Dichloroethene	200	184	92	1	30	78-121	
cis-1,3-Dichloropropene	200	192	96	1	30	71-120	
Cyclohexane	200	154	77	1	30	50-150	
Dichlorobromomethane	200	190	95	2	30	72-123	
Dichlorodifluoromethane	200	137	68	3	30	40-150	
Ethylbenzene	200	209	104	1	30	74-120	
Ethylene Dibromide	200	191	96	3	30	77-117	
Isopropylbenzene	200	214	107	1	30	74-127	
Methyl acetate	1000	724	72	3	30	62-140	
Methyl tert-butyl ether	200	186	93	2	30	73-125	
Methylcyclohexane	200	134	67	0	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P02306.D

Lab ID: 460-99291-1 MSD Client ID: MW-48 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	200	191	96	1	30	76-123	
m-Xylene & p-Xylene	200	204	102	3	30	78-119	
o-Xylene	200	203	102	1	30	79-120	
Styrene	200	208	104	3	30	76-120	
Tetrachloroethene	200	178	89	1	30	70-136	
Toluene	200	198	99	1	30	78-120	
trans-1,2-Dichloroethene	200	182	91	2	30	79-120	
trans-1,3-Dichloropropene	200	196	98	0	30	71-123	
Trichloroethene	200	180	90	0	30	74-120	
Trichlorofluoromethane	200	162	81	0	30	65-142	
Vinyl chloride	200	182	91	1	30	56-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab File ID: P02288.D Lab Sample ID: MB 460-316056/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 08/12/2015 09:02

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-316056/4	P02286.D	08/12/2015 08:10
FB-10	460-99291-6	P02289.D	08/12/2015 09:27
FB-11	460-99291-11	P02290.D	08/12/2015 09:52
FB-12	460-99291-16	P02291.D	08/12/2015 10:17
MW-48	460-99291-1	P02292.D	08/12/2015 10:42
MW-47	460-99291-2	P02293.D	08/12/2015 11:08
MW-49	460-99291-3	P02294.D	08/12/2015 11:33
MW-23	460-99291-4	P02295.D	08/12/2015 11:58
MW-35	460-99291-5	P02296.D	08/12/2015 12:23
MW-41	460-99291-8	P02297.D	08/12/2015 12:48
MW-15	460-99291-12	P02298.D	08/12/2015 13:13
MW-05	460-99291-13	P02299.D	08/12/2015 13:38
MW-04	460-99291-14	P02300.D	08/12/2015 14:03
MW-29	460-99291-15	P02301.D	08/12/2015 14:28
MW-12	460-99291-9	P02302.D	08/12/2015 14:54
MW-11	460-99291-7	P02303.D	08/12/2015 15:19
MW-13	460-99291-10	P02304.D	08/12/2015 15:44
MW-48 MS	460-99291-1 MS	P02305.D	08/12/2015 16:09
MW-48 MSD	460-99291-1 MSD	P02306.D	08/12/2015 16:34

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab File ID: P01801.D BFB Injection Date: 07/29/2015

Instrument ID: CVOAMS13 BFB Injection Time: 13:17

Analysis Batch No.: 313467

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	91.3	
175	5.0 - 9.0 % of mass 174	7.3	(8.0)1
176	95.0 - 101.0 % of mass 174	89.8	(98.3)1
177	5.0 - 9.0 % of mass 176	6.3	(7.0)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
	STD05 460-313467/3	P01803.D	07/29/2015	14:10
	STD5 460-313467/5	P01805.D	07/29/2015	15:00
	STD20 460-313467/6	P01806.D	07/29/2015	15:26
	STD50 460-313467/7	P01807.D	07/29/2015	15:51
	STD200 460-313467/8	P01808.D	07/29/2015	16:16
	STD500 460-313467/9	P01809.D	07/29/2015	16:41
	STD8 460-313467/12	P01812.D	07/29/2015	17:56
	STD1 460-313467/17	P01817.D	07/29/2015	20:18

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab File ID: P02283.D BFB Injection Date: 08/12/2015

Instrument ID: CVOAMS13 BFB Injection Time: 05:40

Analysis Batch No.: 316056

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	47.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	80.3	
175	5.0 - 9.0 % of mass 174	6.4	(8.0)1
176	95.0 - 101.0 % of mass 174	78.3	(97.5)1
177	5.0 - 9.0 % of mass 176	5.0	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-316056/3	P02285.D	08/12/2015	07:29
	LCS 460-316056/4	P02286.D	08/12/2015	08:10
	MB 460-316056/6	P02288.D	08/12/2015	09:02
FB-10	460-99291-6	P02289.D	08/12/2015	09:27
FB-11	460-99291-11	P02290.D	08/12/2015	09:52
FB-12	460-99291-16	P02291.D	08/12/2015	10:17
MW-48	460-99291-1	P02292.D	08/12/2015	10:42
MW-47	460-99291-2	P02293.D	08/12/2015	11:08
MW-49	460-99291-3	P02294.D	08/12/2015	11:33
MW-23	460-99291-4	P02295.D	08/12/2015	11:58
MW-35	460-99291-5	P02296.D	08/12/2015	12:23
MW-41	460-99291-8	P02297.D	08/12/2015	12:48
MW-15	460-99291-12	P02298.D	08/12/2015	13:13
MW-05	460-99291-13	P02299.D	08/12/2015	13:38
MW-04	460-99291-14	P02300.D	08/12/2015	14:03
MW-29	460-99291-15	P02301.D	08/12/2015	14:28
MW-12	460-99291-9	P02302.D	08/12/2015	14:54
MW-11	460-99291-7	P02303.D	08/12/2015	15:19
MW-13	460-99291-10	P02304.D	08/12/2015	15:44
MW-48 MS	460-99291-1 MS	P02305.D	08/12/2015	16:09
MW-48 MSD	460-99291-1 MSD	P02306.D	08/12/2015	16:34

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Sample No.: CCVIS 460-316056/3 Date Analyzed: 08/12/2015 07:29

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P02285.D Heated Purge: (Y/N) N

Calibration ID: 51499

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		386436	2.23	387943	3.31	537242	3.91
UPPER LIMIT		772872	2.73	775886	3.81	1074484	4.41
LOWER LIMIT		193218	1.73	193972	2.81	268621	3.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-316056/4		349614	2.22	349498	3.30	550258	3.91
MB 460-316056/6		343951	2.22	327739	3.30	515199	3.91
460-99291-6	FB-10	317475	2.22	307414	3.30	468204	3.91
460-99291-11	FB-11	337567	2.22	320968	3.30	513076	3.91
460-99291-16	FB-12	348503	2.22	326977	3.30	503157	3.91
460-99291-1	MW-48	350525	2.22	333857	3.30	503897	3.91
460-99291-2	MW-47	307775	2.22	297503	3.30	497501	3.91
460-99291-3	MW-49	301887	2.22	296423	3.30	502662	3.91
460-99291-4	MW-23	281274	2.22	277975	3.30	490211	3.91
460-99291-5	MW-35	252021	2.21	251273	3.30	474351	3.91
460-99291-8	MW-41	257135	2.21	268206	3.30	504222	3.90
460-99291-12	MW-15	268697	2.21	271203	3.30	485970	3.91
460-99291-13	MW-05	250954	2.21	254557	3.30	488184	3.90
460-99291-14	MW-04	252944	2.21	251688	3.30	482026	3.91
460-99291-15	MW-29	252157	2.21	252260	3.30	485053	3.91
460-99291-9	MW-12	251418	2.21	251068	3.30	486620	3.90
460-99291-7	MW-11	259575	2.22	262765	3.30	480200	3.91
460-99291-10	MW-13	251804	2.21	252638	3.30	477246	3.91
460-99291-1 MS	MW-48 MS	263128	2.22	274534	3.30	520692	3.91
460-99291-1 MSD	MW-48 MSD	278486	2.22	289654	3.30	530377	3.91

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Sample No.: CCVIS 460-316056/3 Date Analyzed: 08/12/2015 07:29

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P02285.D Heated Purge: (Y/N) N

Calibration ID: 51499

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39219	4.83	378852	7.40	211028	10.97
UPPER LIMIT		78438	5.33	757704	7.90	422056	11.47
LOWER LIMIT		19610	4.33	189426	6.90	105514	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-316056/4		34662	4.81	383492	7.40	212474	10.97
MB 460-316056/6		31536	4.81	357411	7.40	198617	10.97
460-99291-6	FB-10	30067	4.81	329106	7.40	182988	10.97
460-99291-11	FB-11	33242	4.81	357909	7.40	197756	10.97
460-99291-16	FB-12	31764	4.81	348581	7.40	195718	10.97
460-99291-1	MW-48	33413	4.81	352427	7.40	193538	10.97
460-99291-2	MW-47	29634	4.81	350986	7.40	196052	10.97
460-99291-3	MW-49	29878	4.81	351976	7.40	196878	10.97
460-99291-4	MW-23	28026	4.81	346509	7.40	192871	10.97
460-99291-5	MW-35	23401	4.81	334422	7.40	185944	10.97
460-99291-8	MW-41	27663	4.81	356866	7.40	198146	10.97
460-99291-12	MW-15	27888	4.81	343945	7.40	194195	10.97
460-99291-13	MW-05	24609	4.81	346548	7.40	193971	10.97
460-99291-14	MW-04	25905	4.81	339657	7.40	191181	10.97
460-99291-15	MW-29	25045	4.81	340685	7.40	191988	10.97
460-99291-9	MW-12	23863	4.81	344381	7.40	194238	10.97
460-99291-7	MW-11	26463	4.81	339379	7.40	191038	10.97
460-99291-10	MW-13	25558	4.81	337776	7.40	199327	10.97
460-99291-1 MS	MW-48 MS	29539	4.81	368970	7.40	211067	10.97
460-99291-1 MSD	MW-48 MSD	28094	4.81	375473	7.40	218039	10.97

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 | Lab Sample ID: 460-99291-1

Matrix: Water | Lab File ID: P02292.D

Analysis Method: 8260C | Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 10:42

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 | Lab Sample ID: 460-99291-1

Matrix: Water | Lab File ID: P02292.D

Analysis Method: 8260C | Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 10:42

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 Lab Sample ID: 460-99291-1

Matrix: Water Lab File ID: P02292.D

Analysis Method: 8260C Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 10:42

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02292.D
Lims ID: 460-99291-B-1 Lab Sample ID: 460-99291-1
Client ID: MW-48
Sample Type: Client
Inject. Date: 12-Aug-2015 10:42:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-1
Misc. Info.: 460-0030650-010
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 20:55:46 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: starzecm Date: 12-Aug-2015 16:45:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	350525	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	94500	45.4	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	333857	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	119714	47.6	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	503897	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.832	-0.018	93	33413	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	373864	49.5	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	352427	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	113913	42.4	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	193538	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

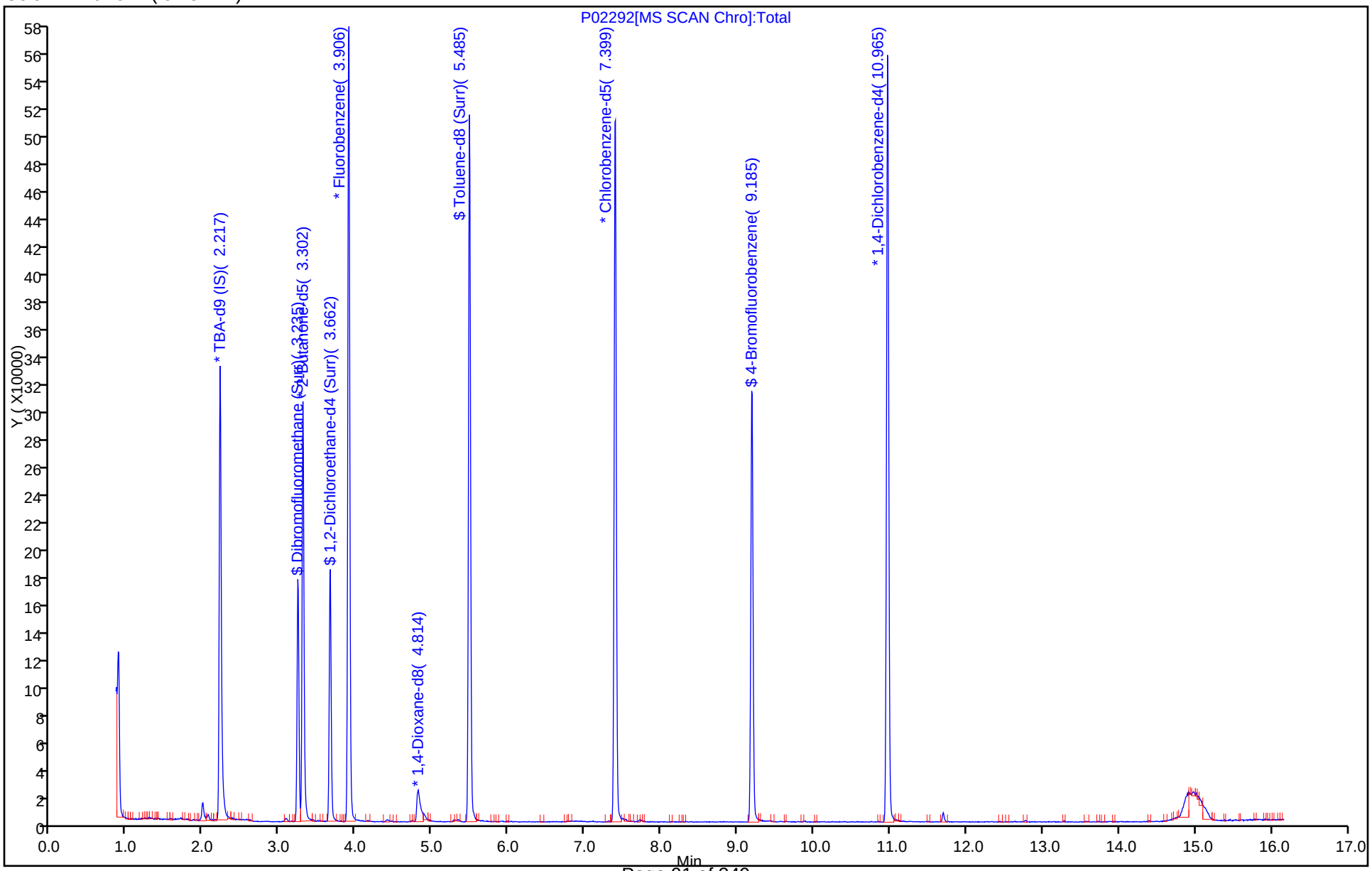
Report Date: 12-Aug-2015 20:55:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02292.D

Injection Date:	12-Aug-2015 10:42:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-1	Lab Sample ID:	460-99291-1	Worklist Smp#:	10
Client ID:	MW-48				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-47 | Lab Sample ID: 460-99291-2

Matrix: Water | Lab File ID: P02293.D

Analysis Method: 8260C | Date Collected: 07/31/2015 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:08

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-47 | Lab Sample ID: 460-99291-2

Matrix: Water | Lab File ID: P02293.D

Analysis Method: 8260C | Date Collected: 07/31/2015 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:08

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-47 Lab Sample ID: 460-99291-2

Matrix: Water Lab File ID: P02293.D

Analysis Method: 8260C Date Collected: 07/31/2015 10:10

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:08

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02293.D
Lims ID: 460-99291-B-2 Lab Sample ID: 460-99291-2
Client ID: MW-47
Sample Type: Client
Inject. Date: 12-Aug-2015 11:08:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-2
Misc. Info.: 460-0030650-011
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:45:53 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:45:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	307775	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	94542	46.0	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	297503	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	117929	47.5	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	497501	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	93	29634	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	371667	49.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	350986	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	94	113823	42.5	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	196052	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

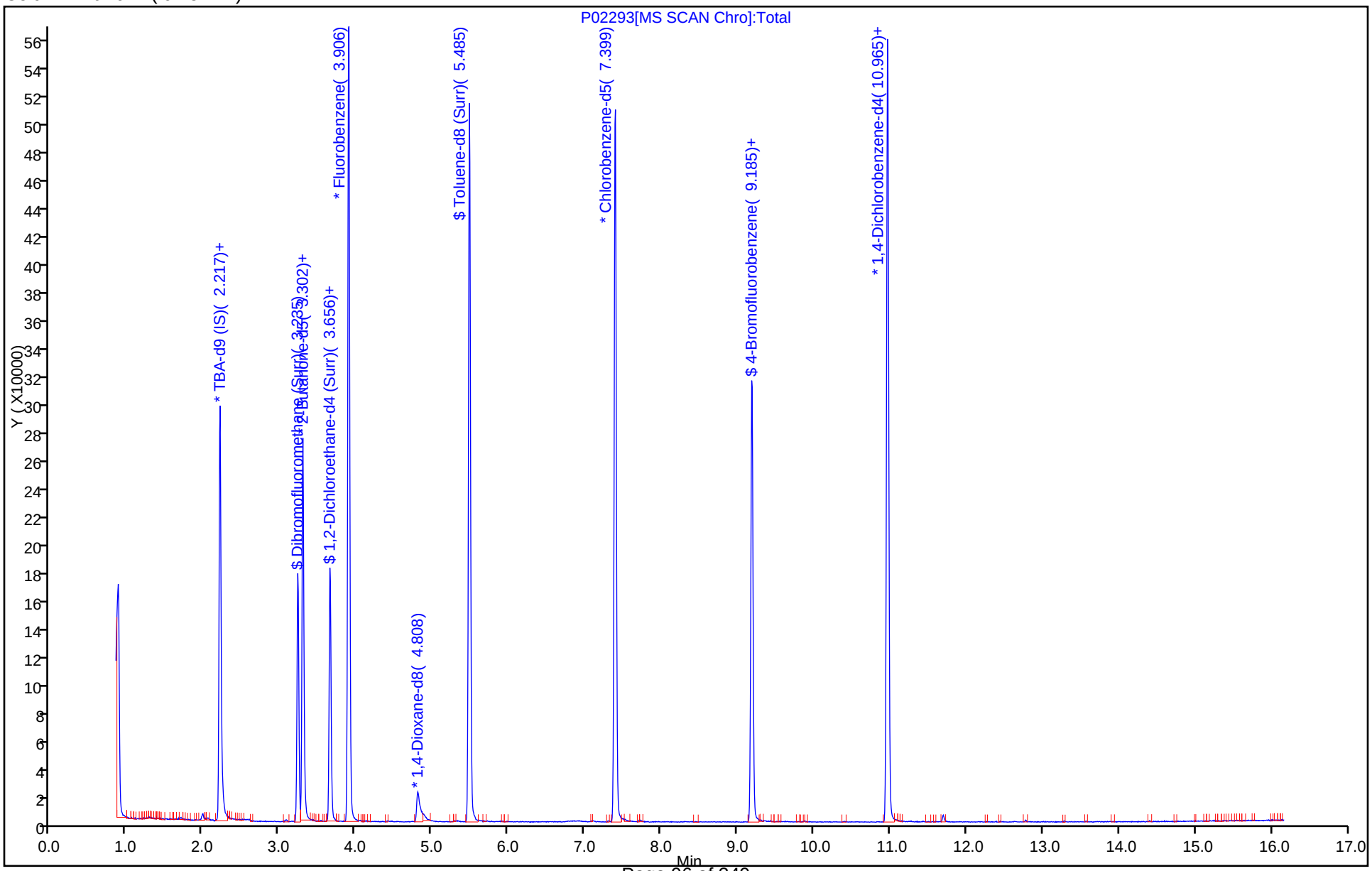
Report Date: 12-Aug-2015 16:45:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02293.D

Injection Date:	12-Aug-2015 11:08:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-2	Lab Sample ID:	460-99291-2	Worklist Smp#:	11
Client ID:	MW-47				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-49 | Lab Sample ID: 460-99291-3

Matrix: Water | Lab File ID: P02294.D

Analysis Method: 8260C | Date Collected: 07/31/2015 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:33

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-49 | Lab Sample ID: 460-99291-3

Matrix: Water | Lab File ID: P02294.D

Analysis Method: 8260C | Date Collected: 07/31/2015 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:33

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-49 Lab Sample ID: 460-99291-3

Matrix: Water Lab File ID: P02294.D

Analysis Method: 8260C Date Collected: 07/31/2015 11:15

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:33

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02294.D
Lims ID: 460-99291-B-3 Lab Sample ID: 460-99291-3
Client ID: MW-49
Sample Type: Client
Inject. Date: 12-Aug-2015 11:33:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-3
Misc. Info.: 460-0030650-012
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:46:29 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:46:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	301887	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	95009	45.7	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	296423	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	119504	47.7	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	502662	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	92	29878	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	368936	48.9	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	351976	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	93	115004	42.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	196878	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

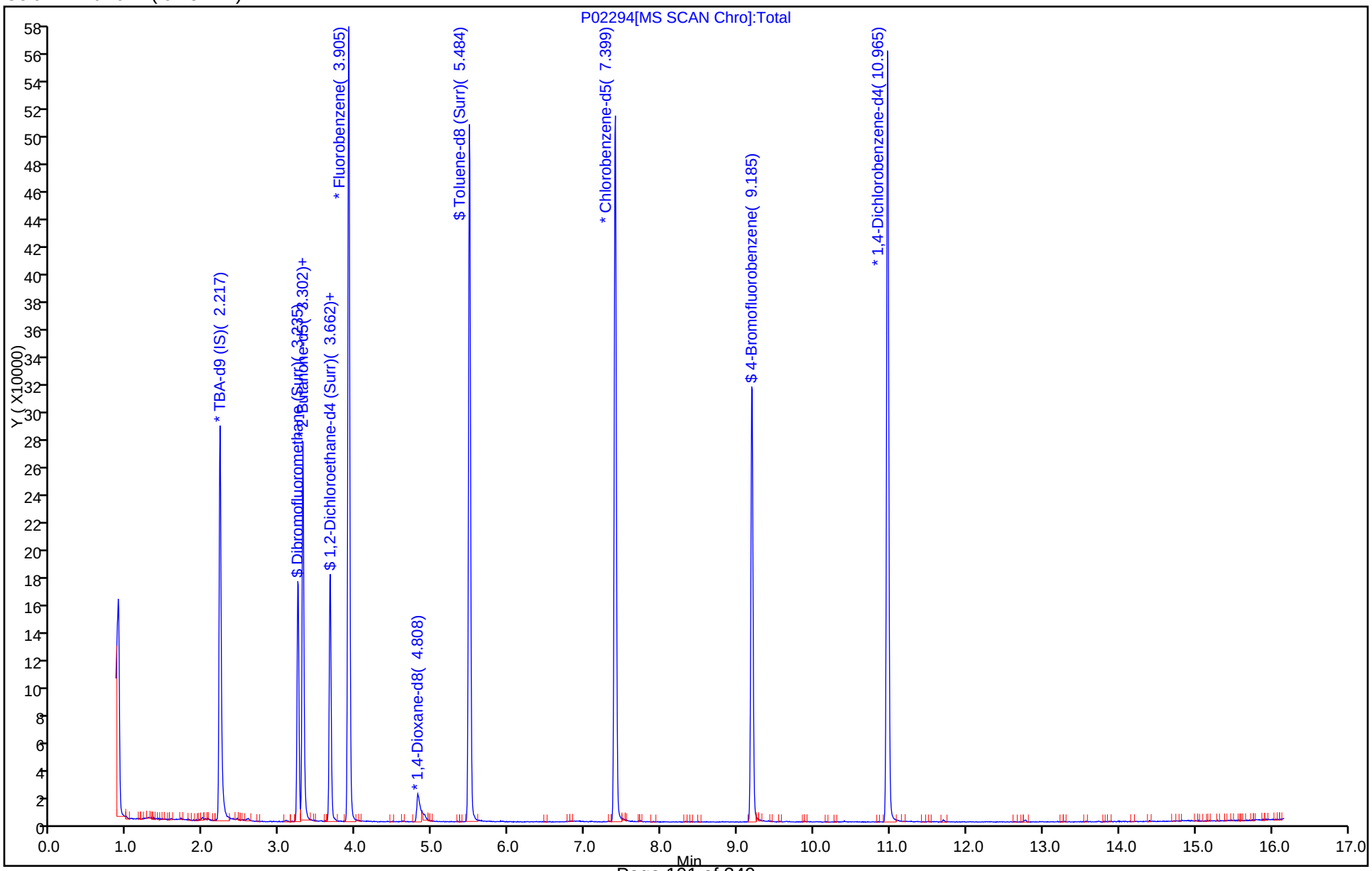
Report Date: 12-Aug-2015 16:46:30 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02294.D

Injection Date:	12-Aug-2015 11:33:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-3	Lab Sample ID:	460-99291-3	Worklist Smp#:	12
Client ID:	MW-49				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-23 | Lab Sample ID: 460-99291-4

Matrix: Water | Lab File ID: P02295.D

Analysis Method: 8260C | Date Collected: 07/31/2015 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:58

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	0.43	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-23 | Lab Sample ID: 460-99291-4

Matrix: Water | Lab File ID: P02295.D

Analysis Method: 8260C | Date Collected: 07/31/2015 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:58

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.49	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.28	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	93		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-23 Lab Sample ID: 460-99291-4

Matrix: Water Lab File ID: P02295.D

Analysis Method: 8260C Date Collected: 07/31/2015 12:50

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:58

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02295.D
Lims ID: 460-99291-B-4 Lab Sample ID: 460-99291-4
Client ID: MW-23
Sample Type: Client
Inject. Date: 12-Aug-2015 11:58:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-4
Misc. Info.: 460-0030650-013
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:47:17 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:47:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	281274	1000.0	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	96	1103	0.4257	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	94624	46.7	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	277975	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	117069	47.9	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	490211	50.0	
64 Trichloroethene	130	4.058	4.058	0.000	92	728	0.2796	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	92	28026	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	368025	49.5	
81 Tetrachloroethene	166	5.978	5.984	-0.006	86	1230	0.4880	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	346509	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	93	112967	42.8	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	192871	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

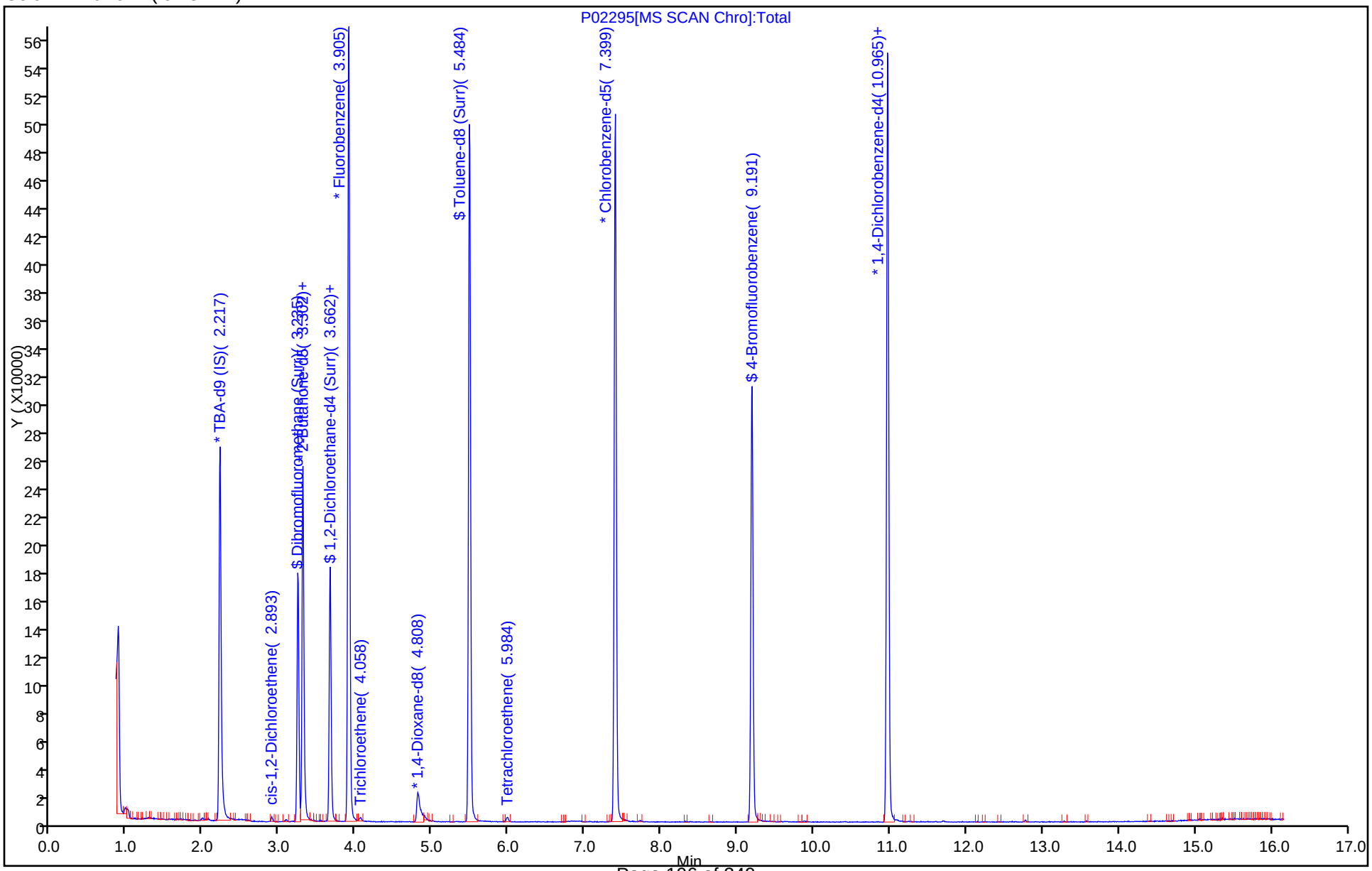
Report Date: 12-Aug-2015 16:47:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02295.D

Injection Date:	12-Aug-2015 11:58:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-4	Lab Sample ID:	460-99291-4	Worklist Smp#:	13
Client ID:	MW-23				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



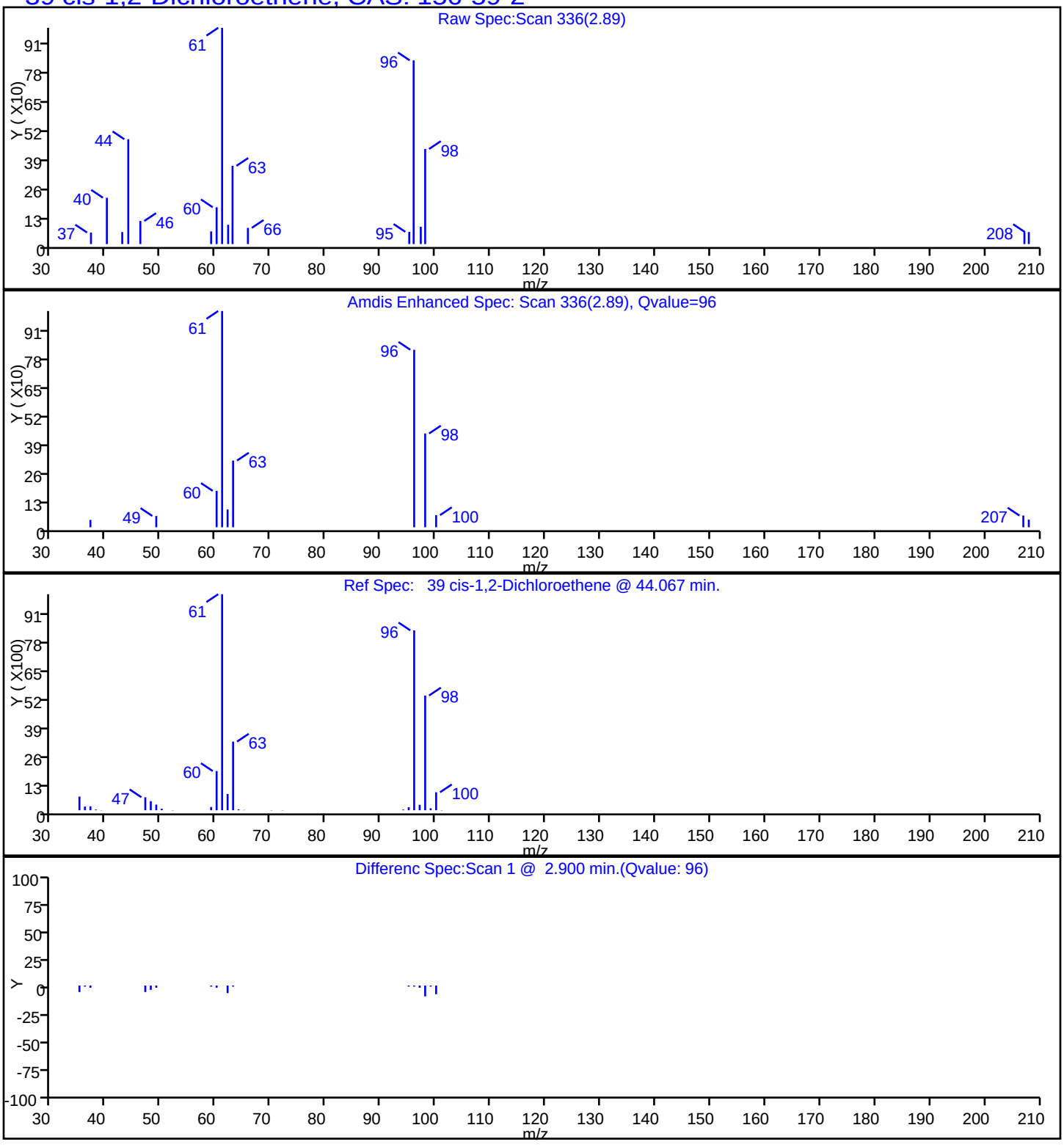
Report Date: 12-Aug-2015 16:47:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02295.D

Injection Date:	12-Aug-2015 11:58:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-4	Lab Sample ID:	460-99291-4		
Client ID:	MW-23				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



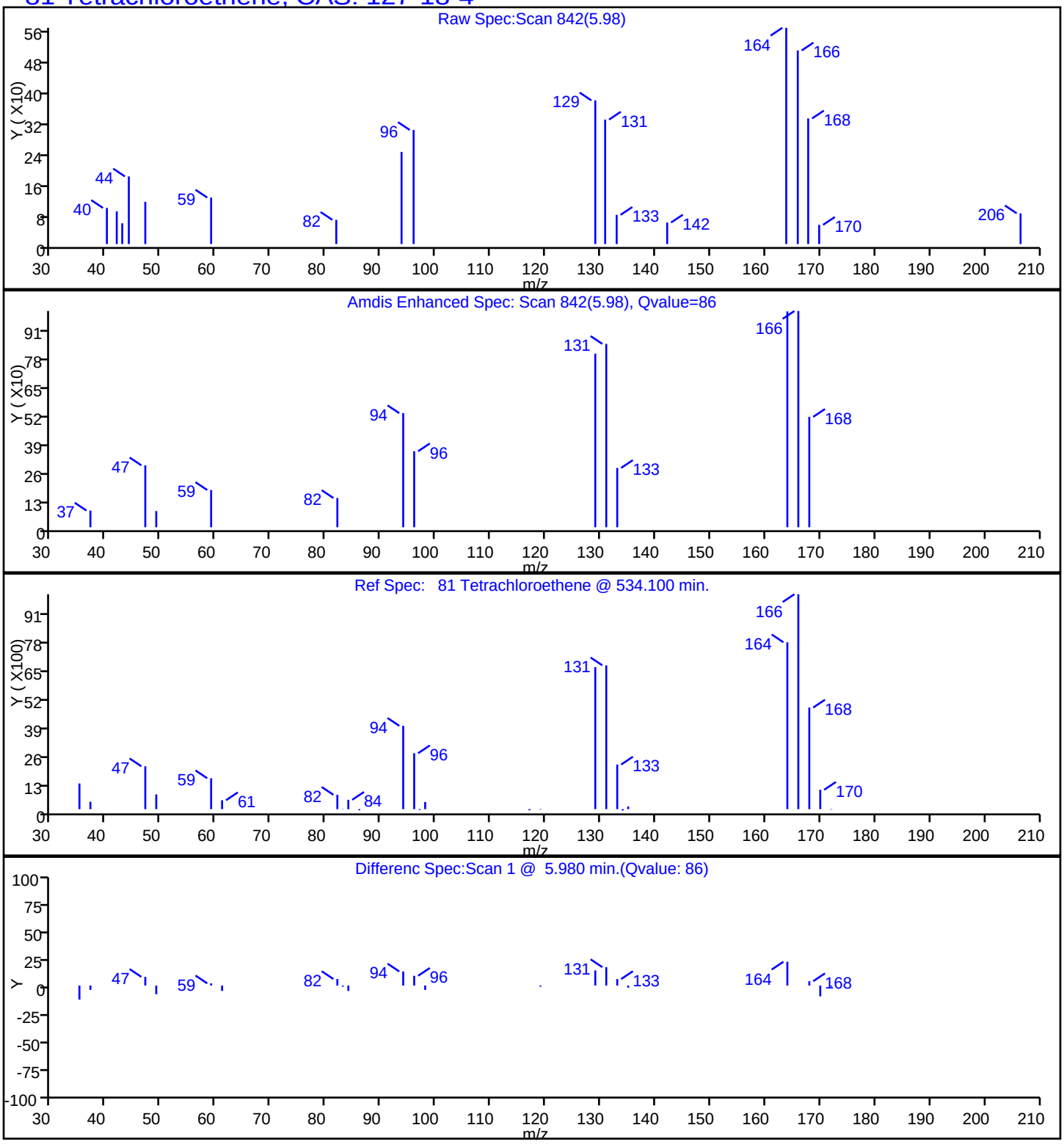
Report Date: 12-Aug-2015 16:47:19 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02295.D

Injection Date:	12-Aug-2015 11:58:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-4	Lab Sample ID:	460-99291-4
Client ID:	MW-23		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



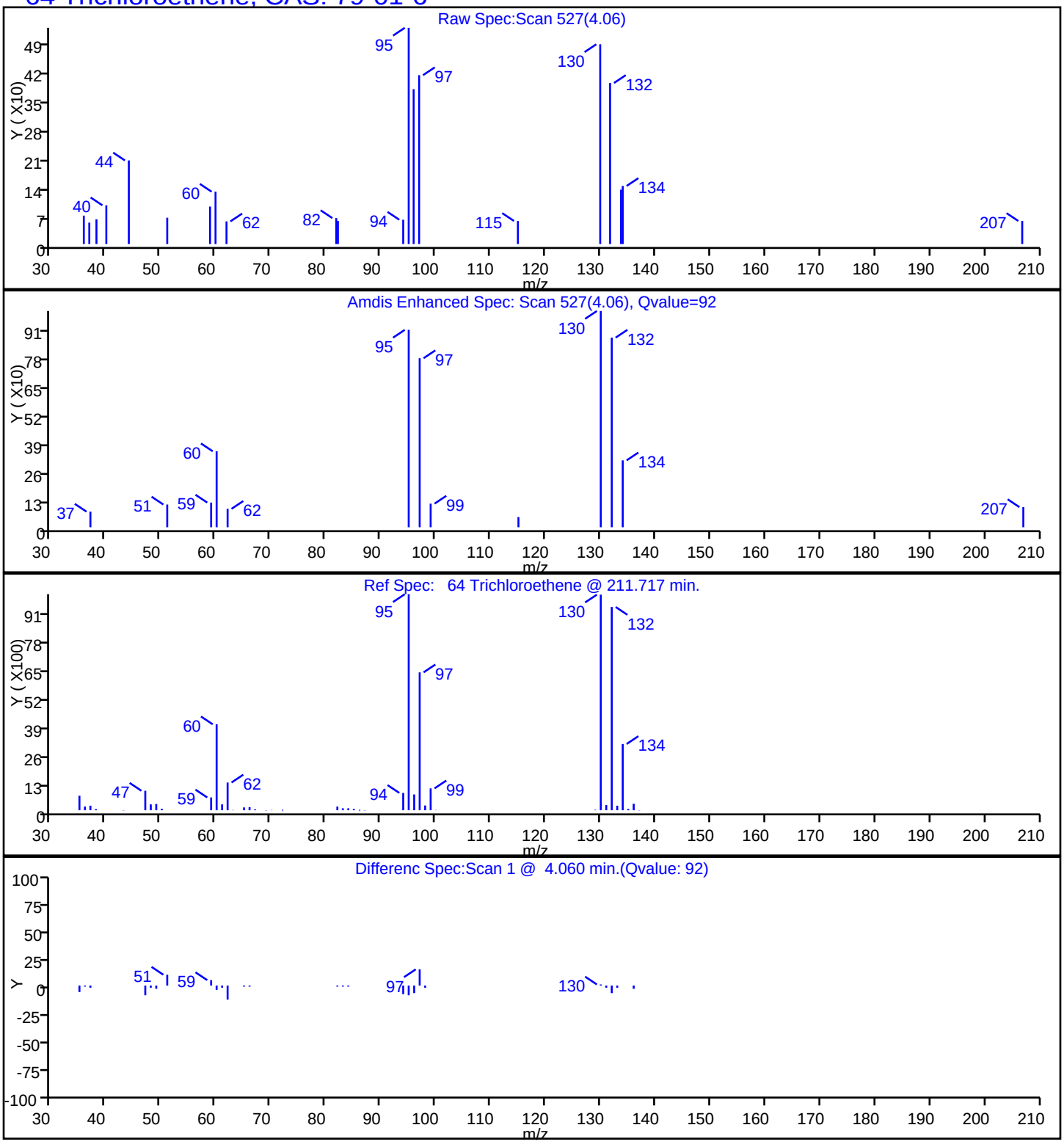
Report Date: 12-Aug-2015 16:47:19 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02295.D

Injection Date:	12-Aug-2015 11:58:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-4	Lab Sample ID:	460-99291-4		
Client ID:	MW-23				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-35 | Lab Sample ID: 460-99291-5

Matrix: Water | Lab File ID: P02296.D

Analysis Method: 8260C | Date Collected: 07/31/2015 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 12:23

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-35 | Lab Sample ID: 460-99291-5

Matrix: Water | Lab File ID: P02296.D

Analysis Method: 8260C | Date Collected: 07/31/2015 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 12:23

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	95		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-35 Lab Sample ID: 460-99291-5

Matrix: Water Lab File ID: P02296.D

Analysis Method: 8260C Date Collected: 07/31/2015 14:05

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:23

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02296.D
Lims ID: 460-99291-B-5 Lab Sample ID: 460-99291-5
Client ID: MW-35
Sample Type: Client
Inject. Date: 12-Aug-2015 12:23:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-5
Misc. Info.: 460-0030650-014
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:47:53 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:47:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	252021	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	93187	47.5	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	251273	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	114113	48.2	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	474351	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	93	23401	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	361928	50.5	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	334422	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	95	111415	43.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	185944	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

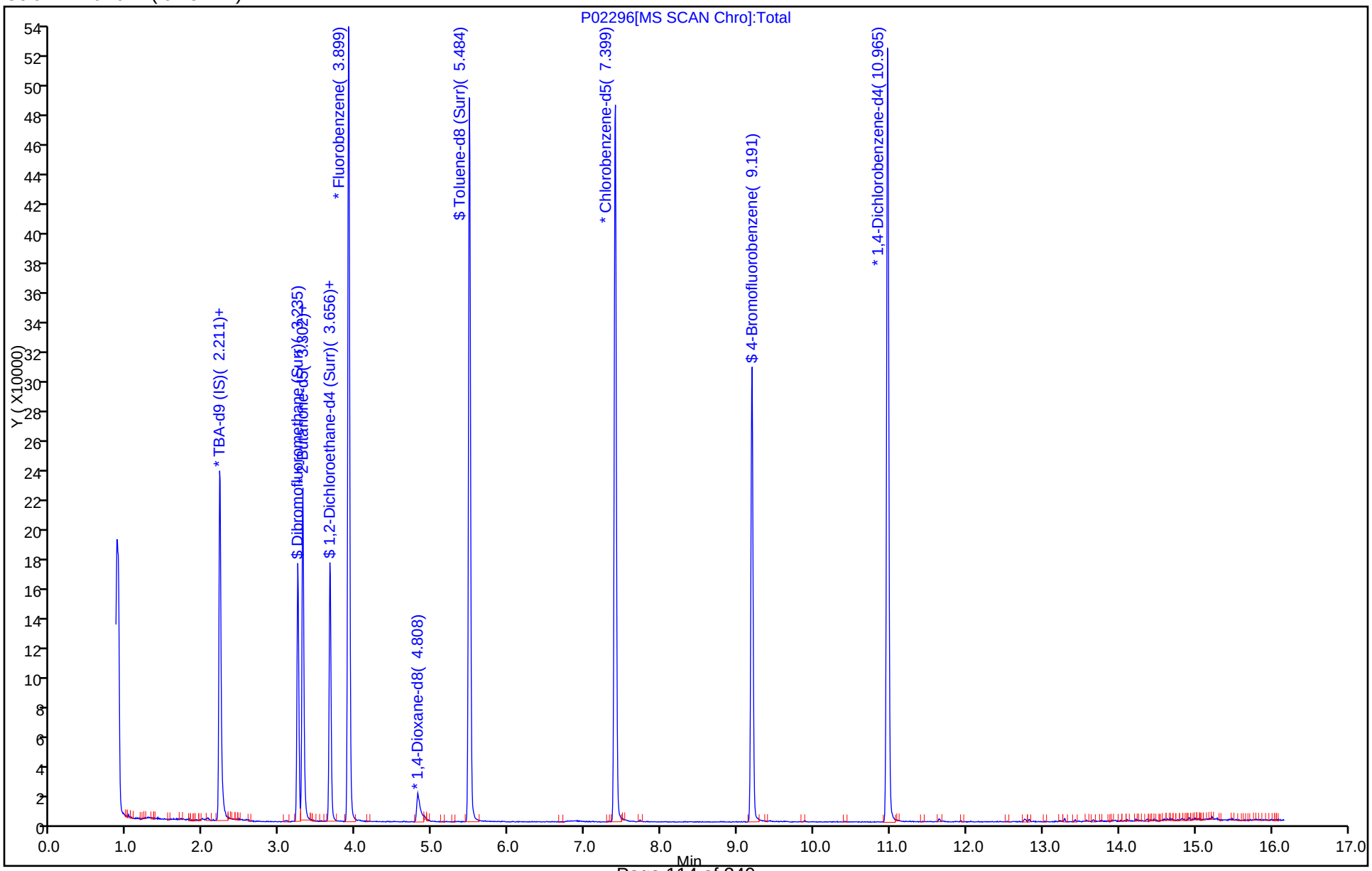
Report Date: 12-Aug-2015 16:47:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02296.D

Injection Date:	12-Aug-2015 12:23:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-5	Lab Sample ID:	460-99291-5	Worklist Smp#:	14
Client ID:	MW-35				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-10 | Lab Sample ID: 460-99291-6

Matrix: Water | Lab File ID: P02289.D

Analysis Method: 8260C | Date Collected: 07/31/2015 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:27

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-10 | Lab Sample ID: 460-99291-6

Matrix: Water | Lab File ID: P02289.D

Analysis Method: 8260C | Date Collected: 07/31/2015 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:27

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	94		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	111		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-10 Lab Sample ID: 460-99291-6

Matrix: Water Lab File ID: P02289.D

Analysis Method: 8260C Date Collected: 07/31/2015 14:45

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 09:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02289.D
Lims ID: 460-99291-A-6 Lab Sample ID: 460-99291-6
Client ID: FB-10
Sample Type: Client
Inject. Date: 12-Aug-2015 09:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-A-6
Misc. Info.: 460-0030650-007
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 20:55:11 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	317475	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	96243	49.7	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	307414	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	125606	53.8	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	468204	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.832	-0.018	93	30067	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	390268	55.3	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	329106	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	97	117912	47.0	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	182988	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

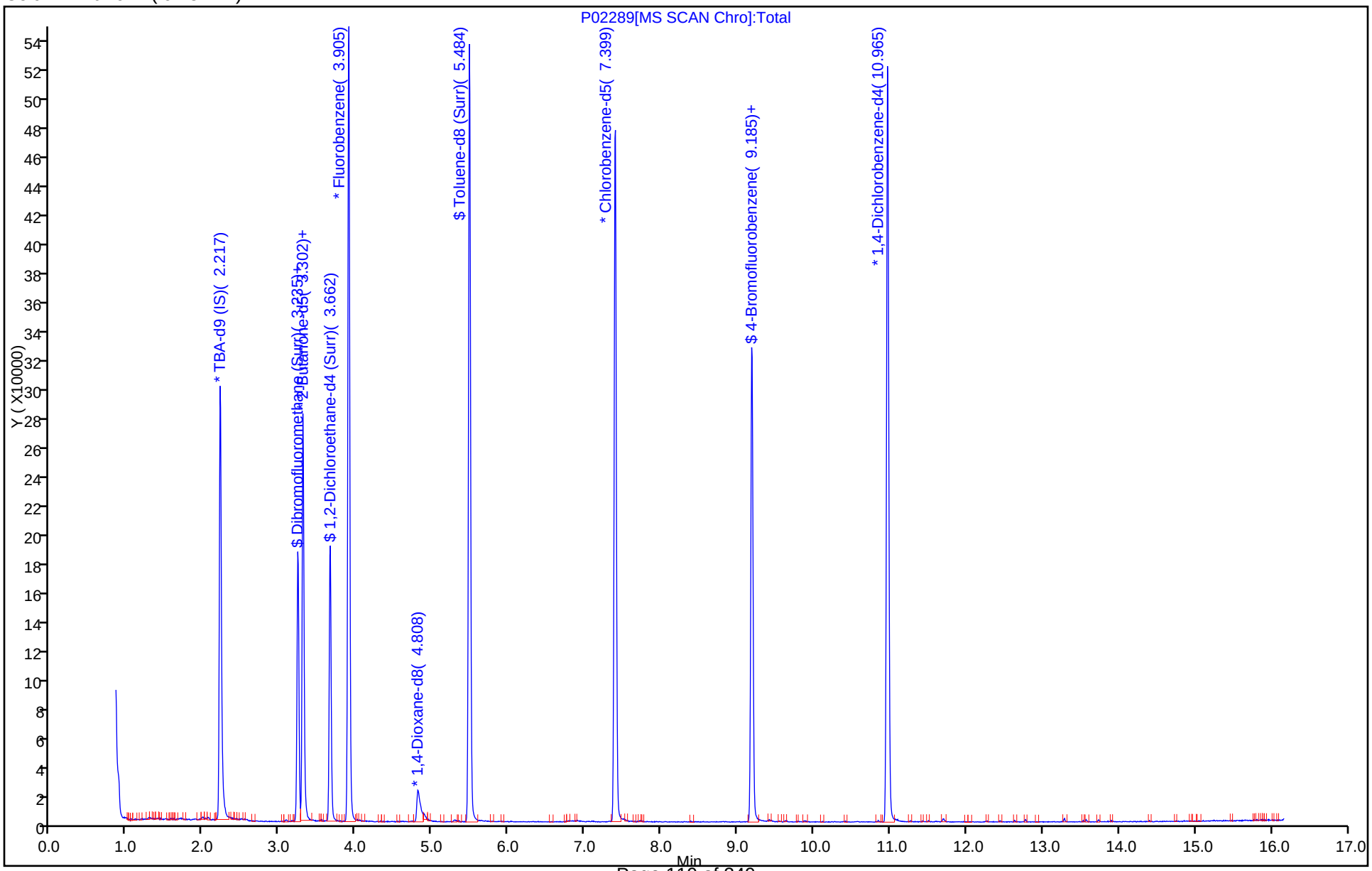
Report Date: 12-Aug-2015 20:55:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02289.D

Injection Date:	12-Aug-2015 09:27:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-A-6	Lab Sample ID:	460-99291-6	Worklist Smp#:	7
Client ID:	FB-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-11 | Lab Sample ID: 460-99291-7

Matrix: Water | Lab File ID: P02303.D

Analysis Method: 8260C | Date Collected: 08/03/2015 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 15:19

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.2		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-11 | Lab Sample ID: 460-99291-7

Matrix: Water | Lab File ID: P02303.D

Analysis Method: 8260C | Date Collected: 08/03/2015 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 15:19

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	150		1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	11		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	3.9		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-11 Lab Sample ID: 460-99291-7

Matrix: Water Lab File ID: P02303.D

Analysis Method: 8260C Date Collected: 08/03/2015 10:05

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 15:19

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02303.D
Lims ID: 460-99291-B-7 Lab Sample ID: 460-99291-7
Client ID: MW-11
Sample Type: Client
Inject. Date: 12-Aug-2015 15:19:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-7
Misc. Info.: 460-0030650-021
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:55:07 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:55:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Methyl tert-butyl ether	73	2.193	2.199	-0.006	97	1109538	149.3	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	259575	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	95	2924	1.15	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	93386	47.0	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	262765	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	113019	47.2	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	480200	50.0	
64 Trichloroethene	130	4.058	4.058	0.000	97	10022	3.93	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	94	26463	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	355082	48.8	
81 Tetrachloroethene	166	5.978	5.984	-0.006	98	27180	11.0	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	339379	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	93	112234	43.4	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	191038	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

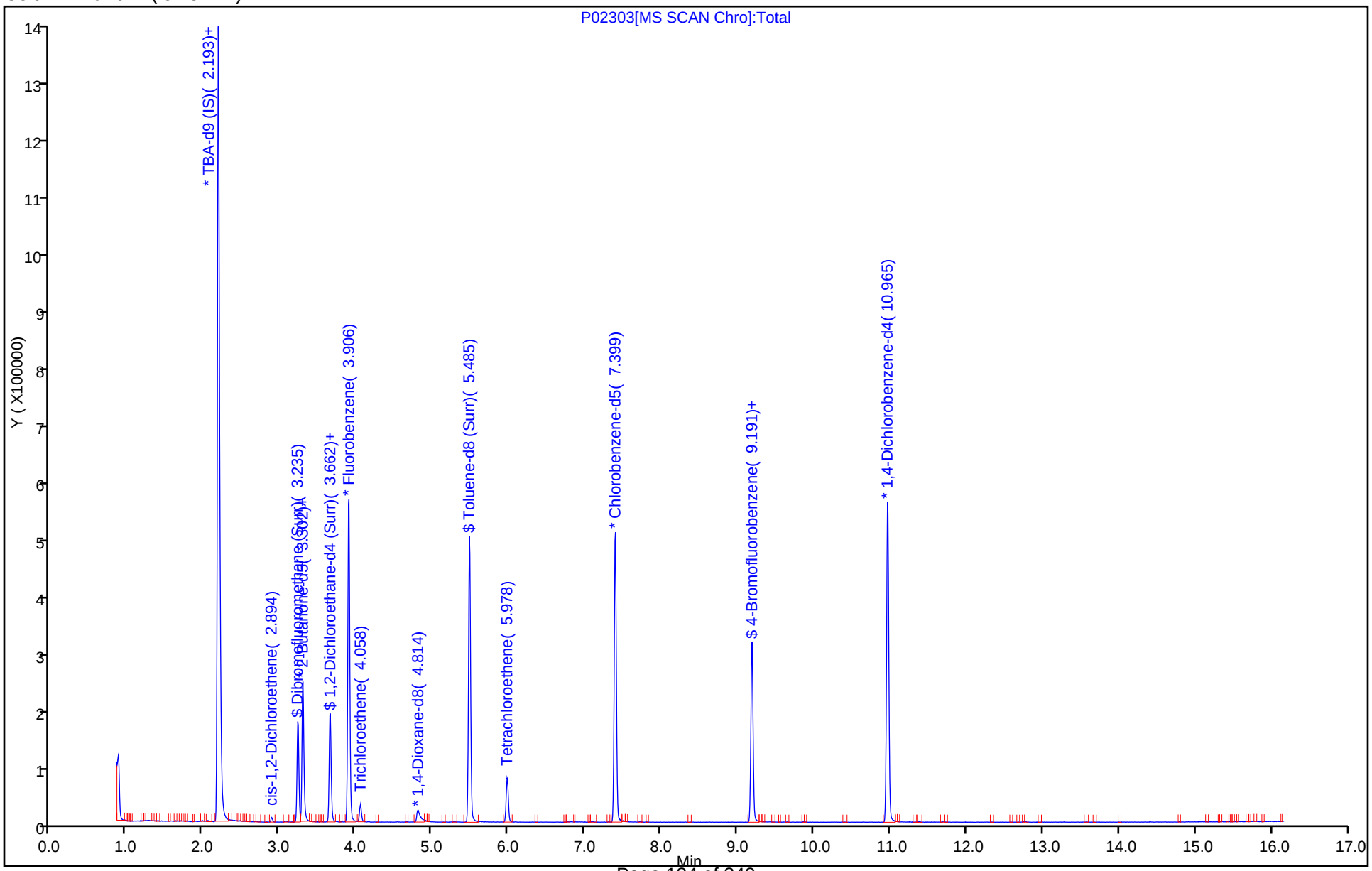
Report Date: 12-Aug-2015 16:55:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02303.D

Injection Date:	12-Aug-2015 15:19:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-7	Lab Sample ID:	460-99291-7	Worklist Smp#:	21
Client ID:	MW-11				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



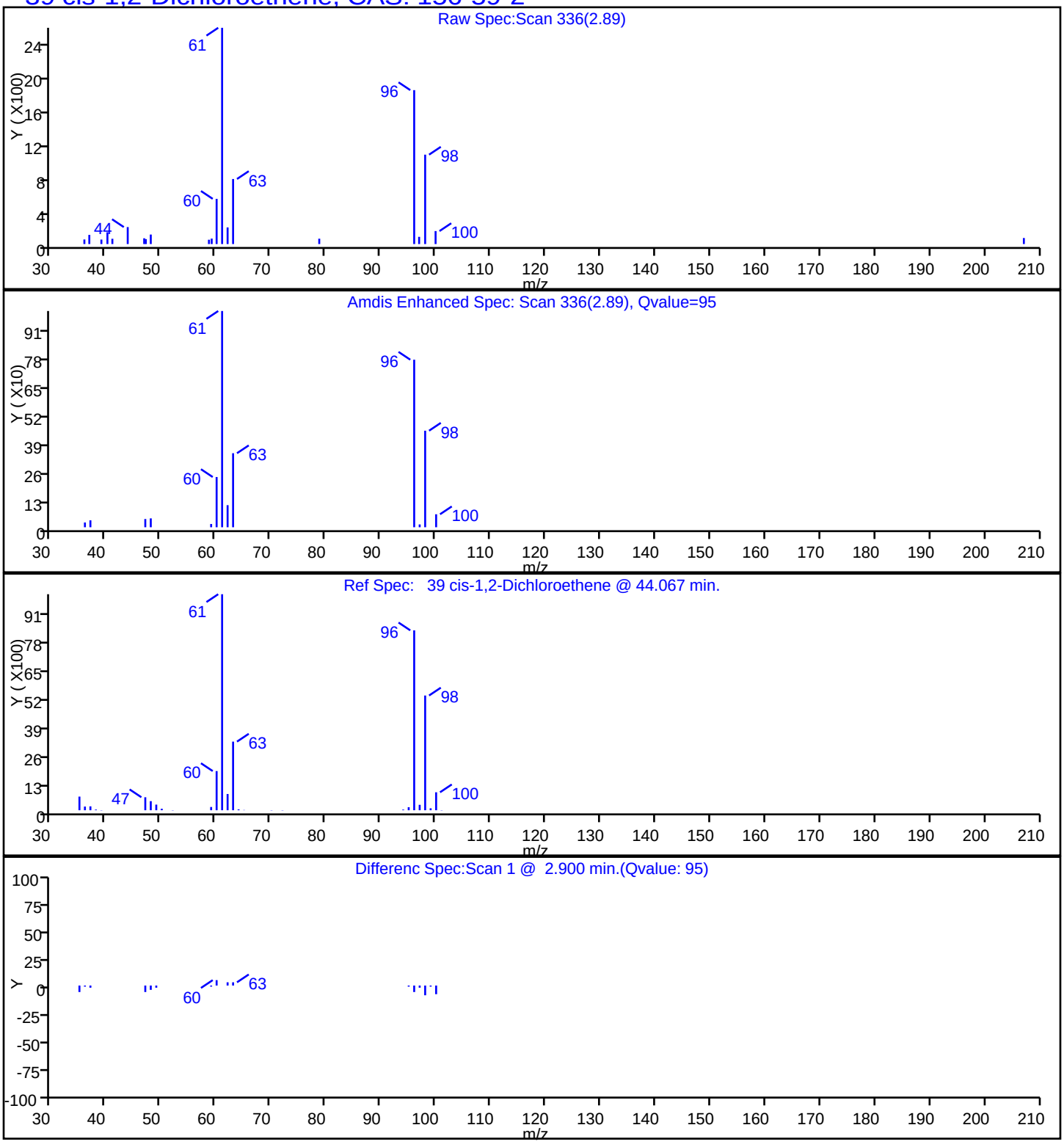
Report Date: 12-Aug-2015 16:55:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02303.D

Injection Date:	12-Aug-2015 15:19:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-7	Lab Sample ID:	460-99291-7		
Client ID:	MW-11				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



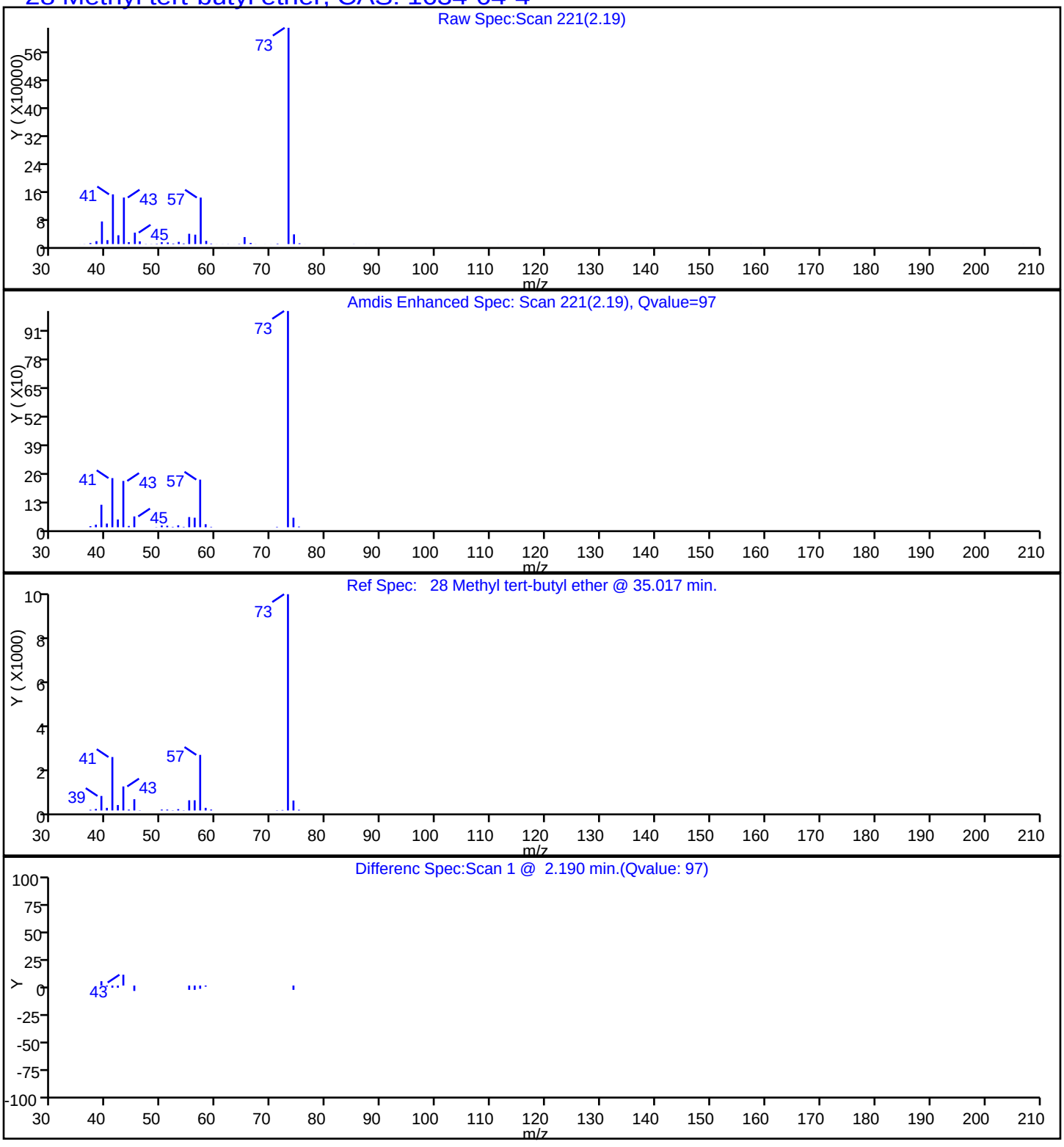
Report Date: 12-Aug-2015 16:55:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02303.D

Injection Date:	12-Aug-2015 15:19:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-7	Lab Sample ID:	460-99291-7		
Client ID:	MW-11				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

28 Methyl tert-butyl ether, CAS: 1634-04-4



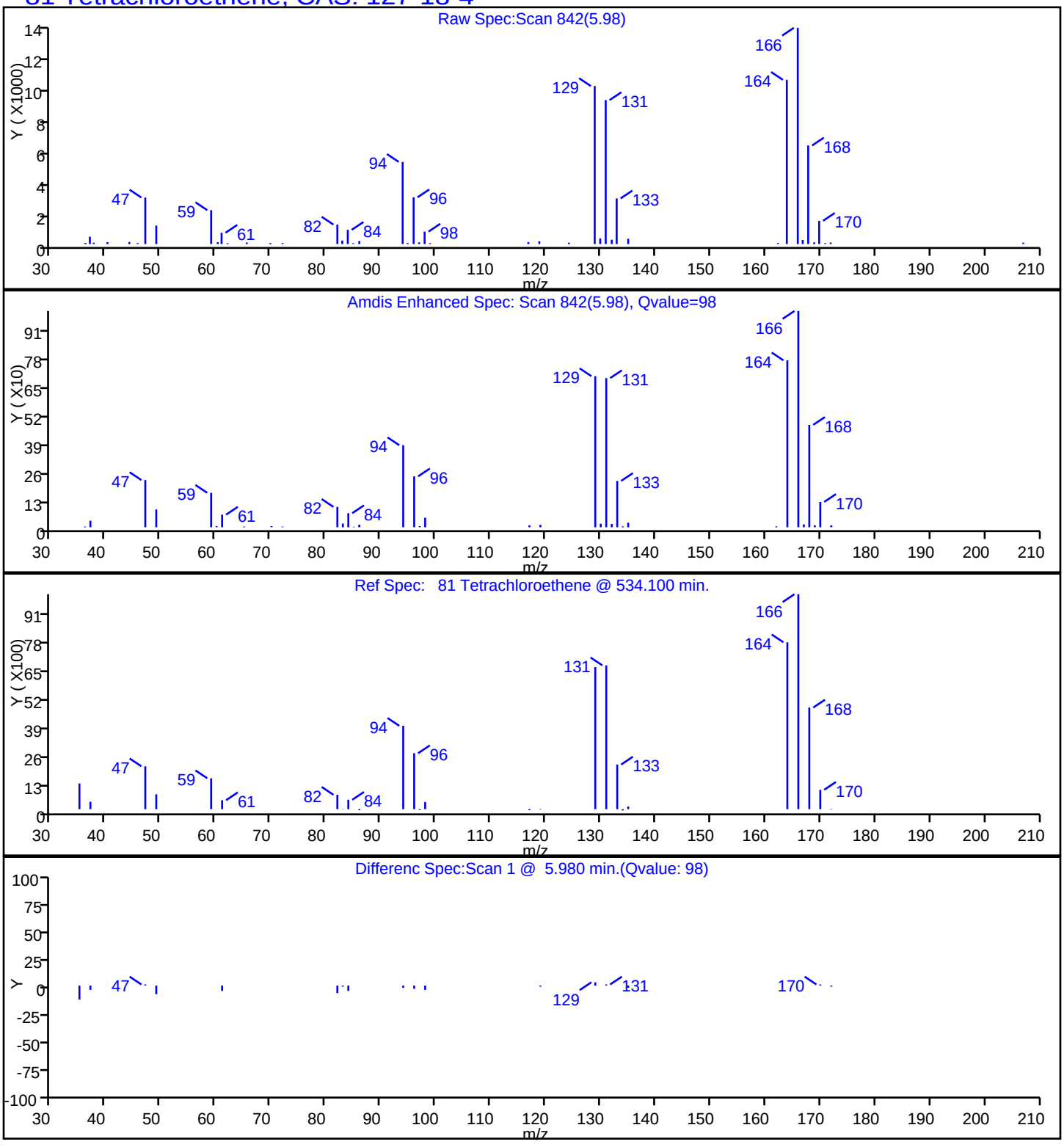
Report Date: 12-Aug-2015 16:55:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02303.D

Injection Date:	12-Aug-2015 15:19:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-7	Lab Sample ID:	460-99291-7
Client ID:	MW-11		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



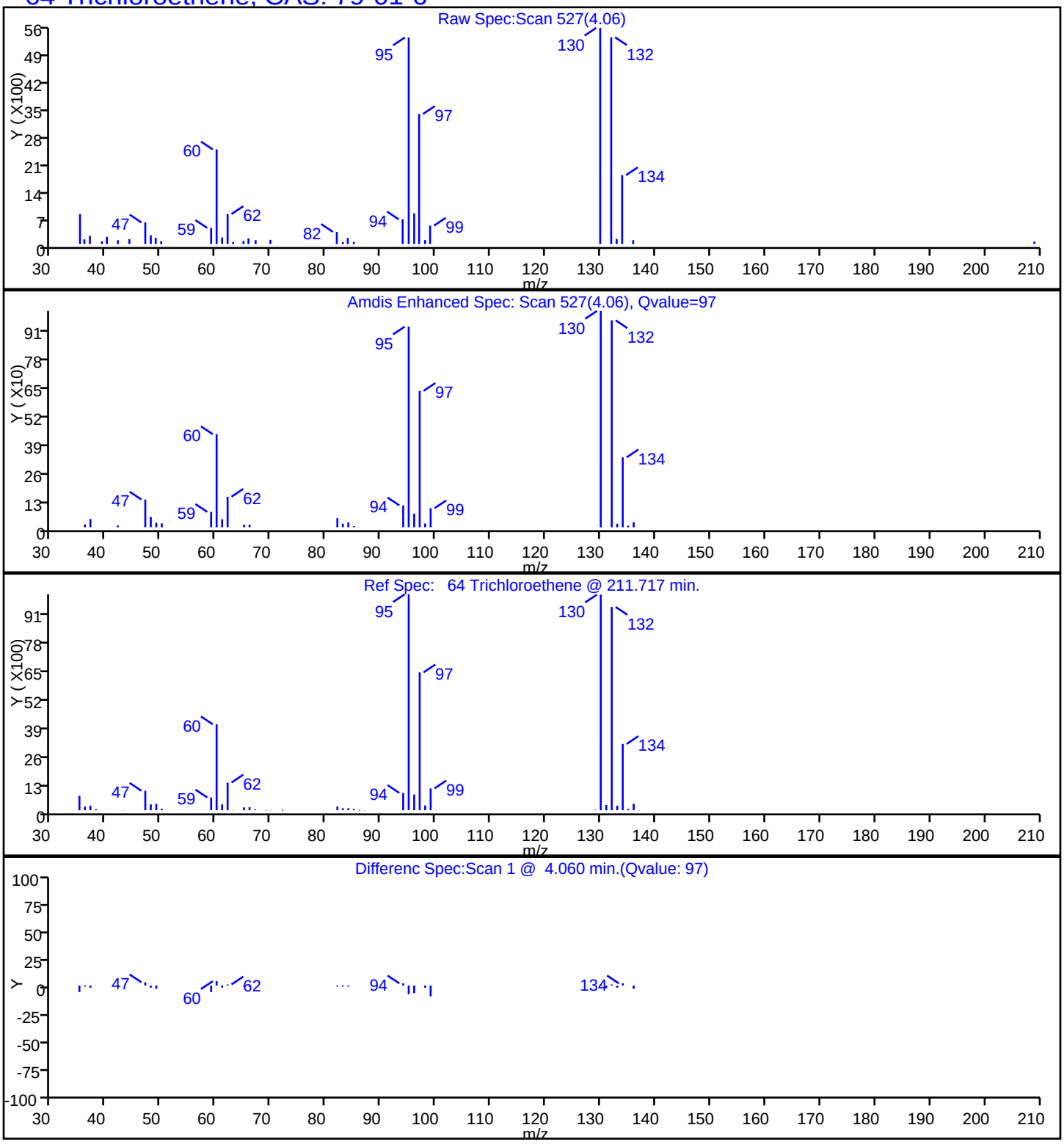
Report Date: 12-Aug-2015 16:55:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02303.D

Injection Date:	12-Aug-2015 15:19:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-7	Lab Sample ID:	460-99291-7		
Client ID:	MW-11				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-41 | Lab Sample ID: 460-99291-8

Matrix: Water | Lab File ID: P02297.D

Analysis Method: 8260C | Date Collected: 08/03/2015 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 12:48

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.49	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	6.9		1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-41 | Lab Sample ID: 460-99291-8

Matrix: Water | Lab File ID: P02297.D

Analysis Method: 8260C | Date Collected: 08/03/2015 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 12:48

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.2		1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	5.4		1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.57	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-41 Lab Sample ID: 460-99291-8

Matrix: Water Lab File ID: P02297.D

Analysis Method: 8260C Date Collected: 08/03/2015 11:55

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:48

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 5 TIC Result Total: 39.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
78-78-4	Butane, 2-methyl-	1.28	8.3	J N
79-29-8	Butane, 2,3-dimethyl-	1.88	13	J N
96-37-7	Cyclopentane, methyl-	2.56	5.7	J N
2452-99-5	Cyclopentane, 1,2-dimethyl-	3.45	5.3	J N
2808-76-6	1,3-Dimethyl-1-cyclohexene	5.69	7.0	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D
Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8
Client ID: MW-41
Sample Type: Client
Inject. Date: 12-Aug-2015 12:48:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-8
Misc. Info.: 460-0030650-015
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:49:40 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:49:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	99	257135	1000.0	
41 Cyclohexane	56	3.028	3.034	-0.006	94	22965	6.94	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	96145	46.1	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	268206	250.0	
54 Benzene	78	3.540	3.546	-0.006	97	4707	0.4892	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	117846	46.9	
* 61 Fluorobenzene	96	3.899	3.906	-0.007	99	504222	50.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	88	18416	5.43	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	96	27663	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	387489	50.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	356866	50.0	
95 m-Xylene & p-Xylene	106	7.722	7.716	0.006	97	2344	0.5733	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	11957	1.21	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	96	118942	43.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	198146	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D
Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8
Client ID: MW-41
Sample Type: Client
Inject. Date: 12-Aug-2015 12:48:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-8
Misc. Info.: 460-0030650-015
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:49:40 Calib Date: 29-Jul-2015 20:18:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 50

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:49:48

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	78-78-4	Butane, 2-methyl-						
1.284	181243	8.30	61	91	700	C5H12	72	
	79-29-8	Butane, 2,3-dimethyl-						
1.875	275400	12.6	61	86	1806	C6H14	86	
	96-37-7	Cyclopentane, methyl-						
2.564	124499	5.70	61	91	1471	C6H12	84	
	2452-99-5	Cyclopentane, 1,2-dimethyl-						
3.448	115331	5.28	61	87	3330	C7H14	98	
	2808-76-6	1,3-Dimethyl-1-cyclohexene						
5.686	146885	7.04	91	90	5833	C8H14	110	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 61 Fluorobenzene	3.899	1092054	50.0
* 91 Chlorobenzene-d5	7.399	1042557	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

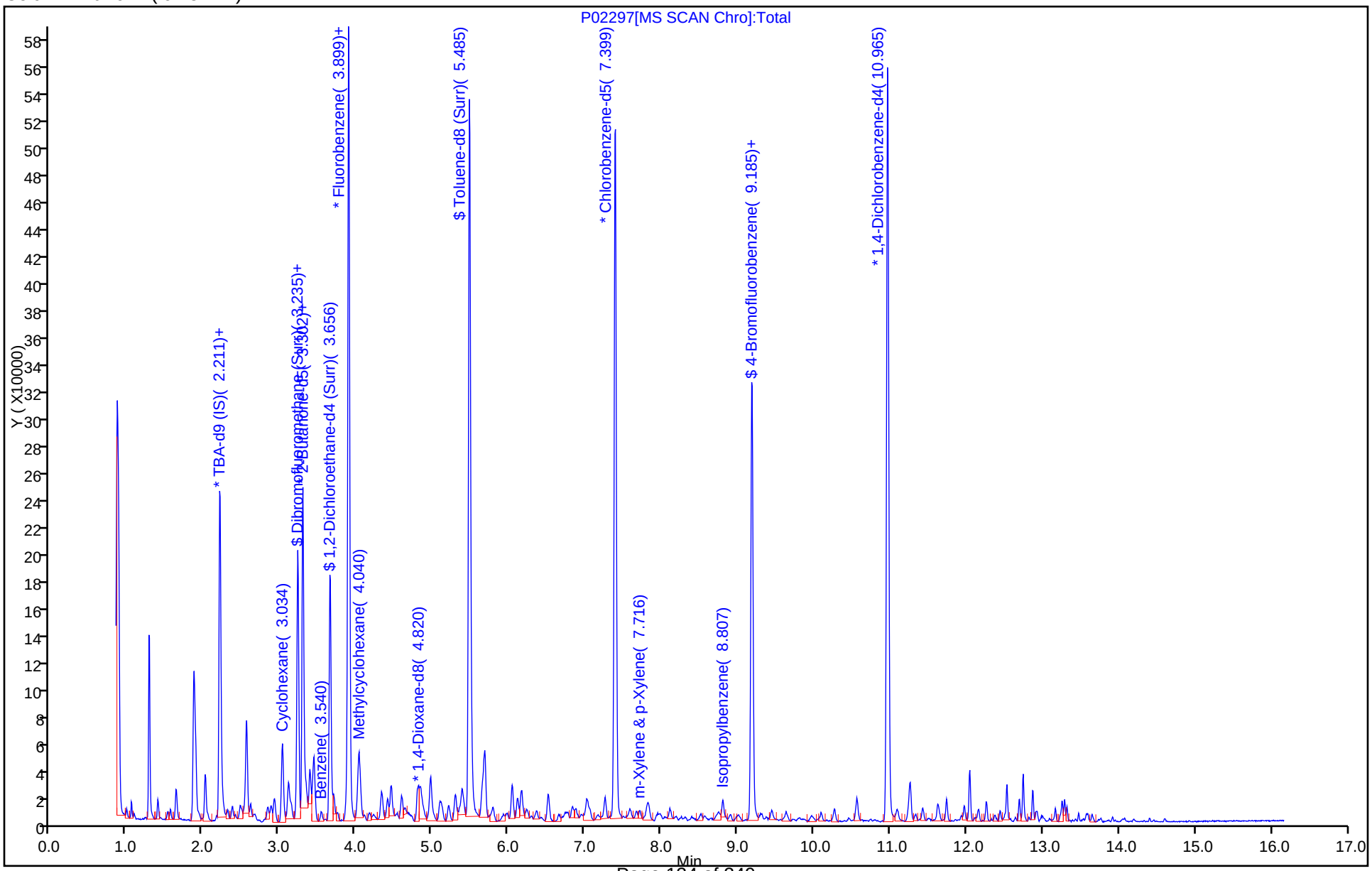
Report Date: 12-Aug-2015 16:49:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date:	12-Aug-2015 12:48:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-8	Lab Sample ID:	460-99291-8	Worklist Smp#:	15
Client ID:	MW-41				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



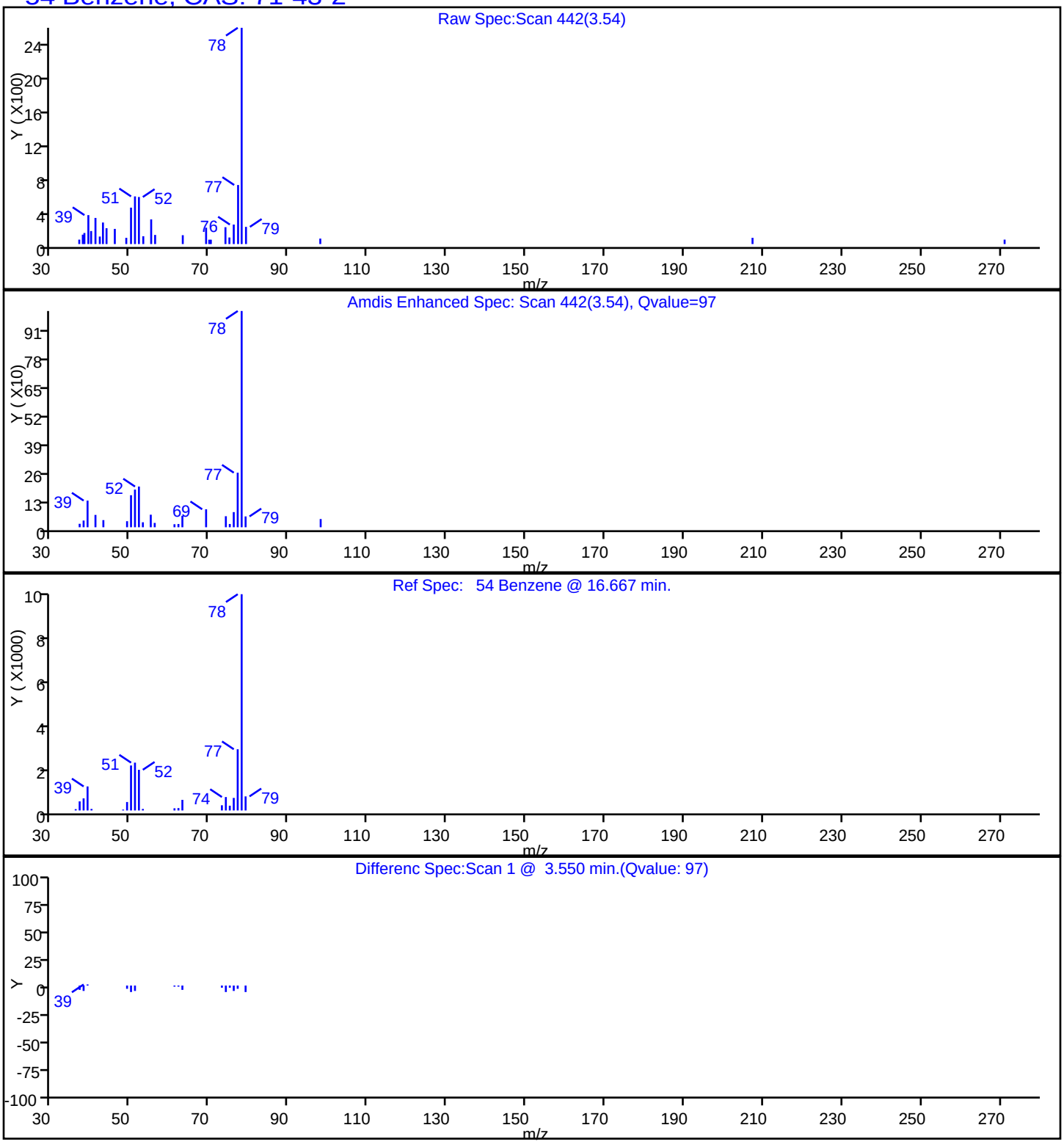
Report Date: 12-Aug-2015 16:49:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date:	12-Aug-2015 12:48:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-8	Lab Sample ID:	460-99291-8
Client ID:	MW-41		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

54 Benzene, CAS: 71-43-2



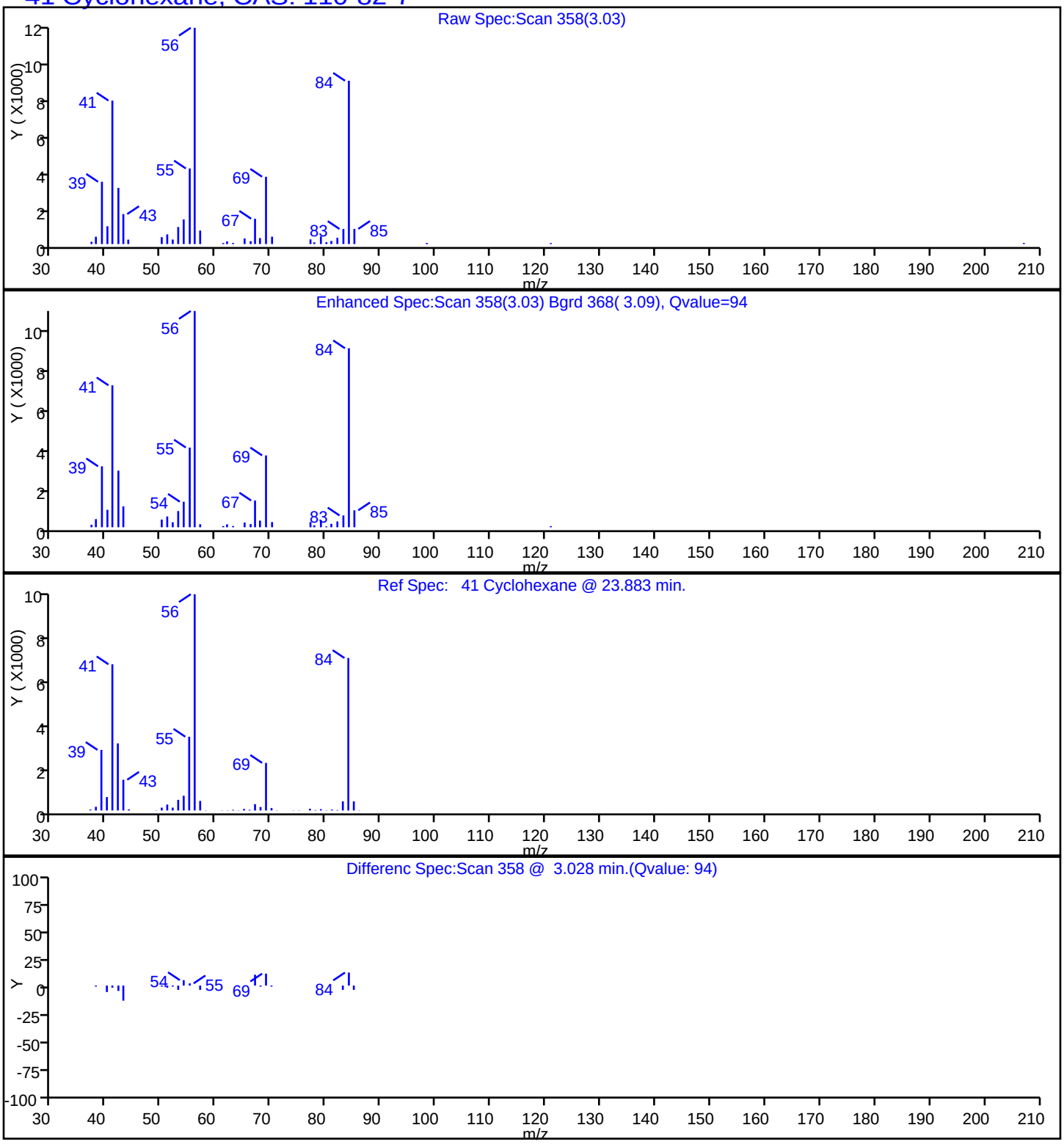
Report Date: 12-Aug-2015 16:49:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date:	12-Aug-2015 12:48:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-8	Lab Sample ID:	460-99291-8
Client ID:	MW-41		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

41 Cyclohexane, CAS: 110-82-7



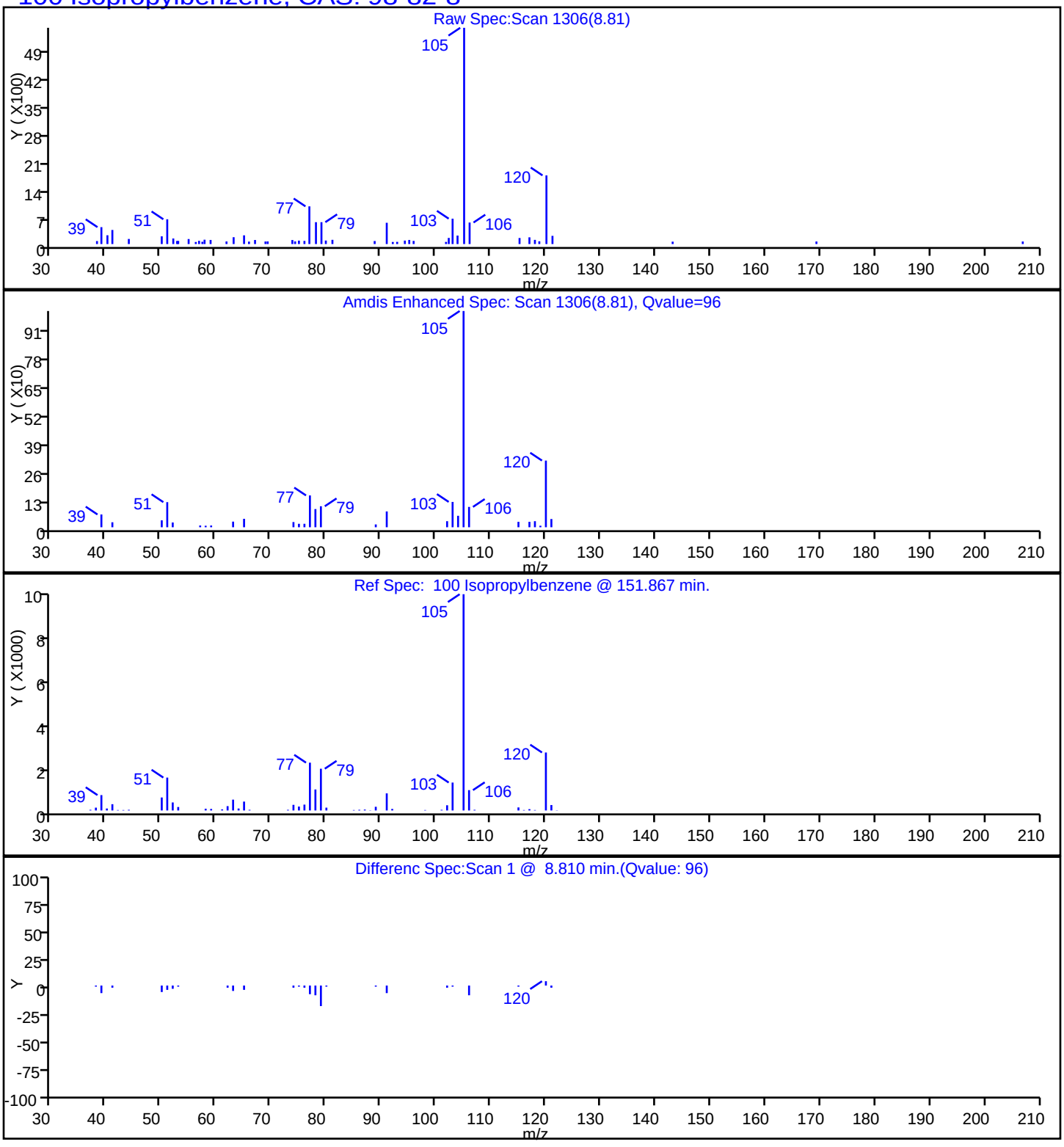
Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date:	12-Aug-2015 12:48:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-8	Lab Sample ID:	460-99291-8		
Client ID:	MW-41				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

100 Isopropylbenzene, CAS: 98-82-8

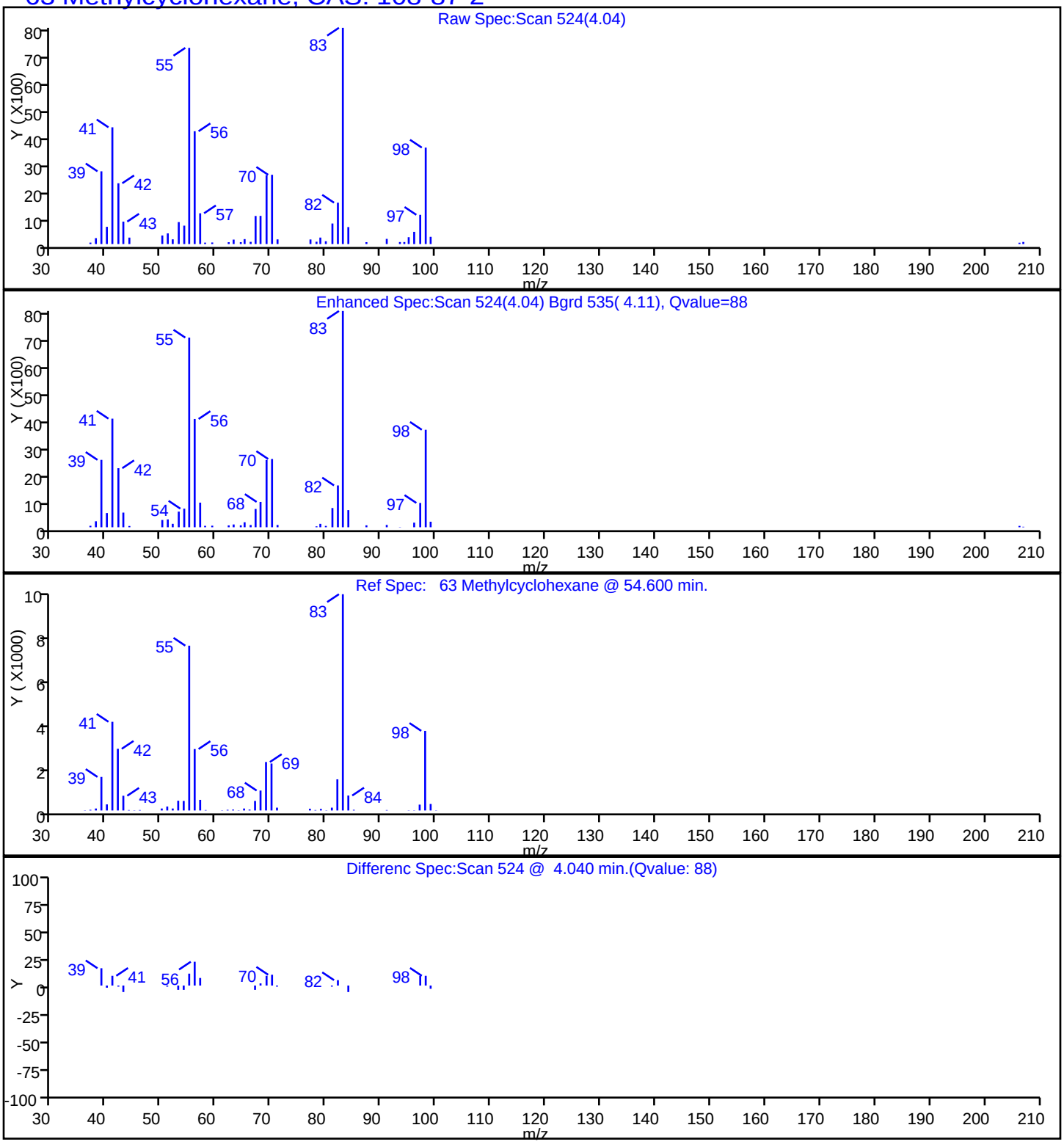


Report Date: 12-Aug-2015 16:49:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D				
Injection Date:	12-Aug-2015 12:48:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-8	Lab Sample ID:	460-99291-8		
Client ID:	MW-41				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



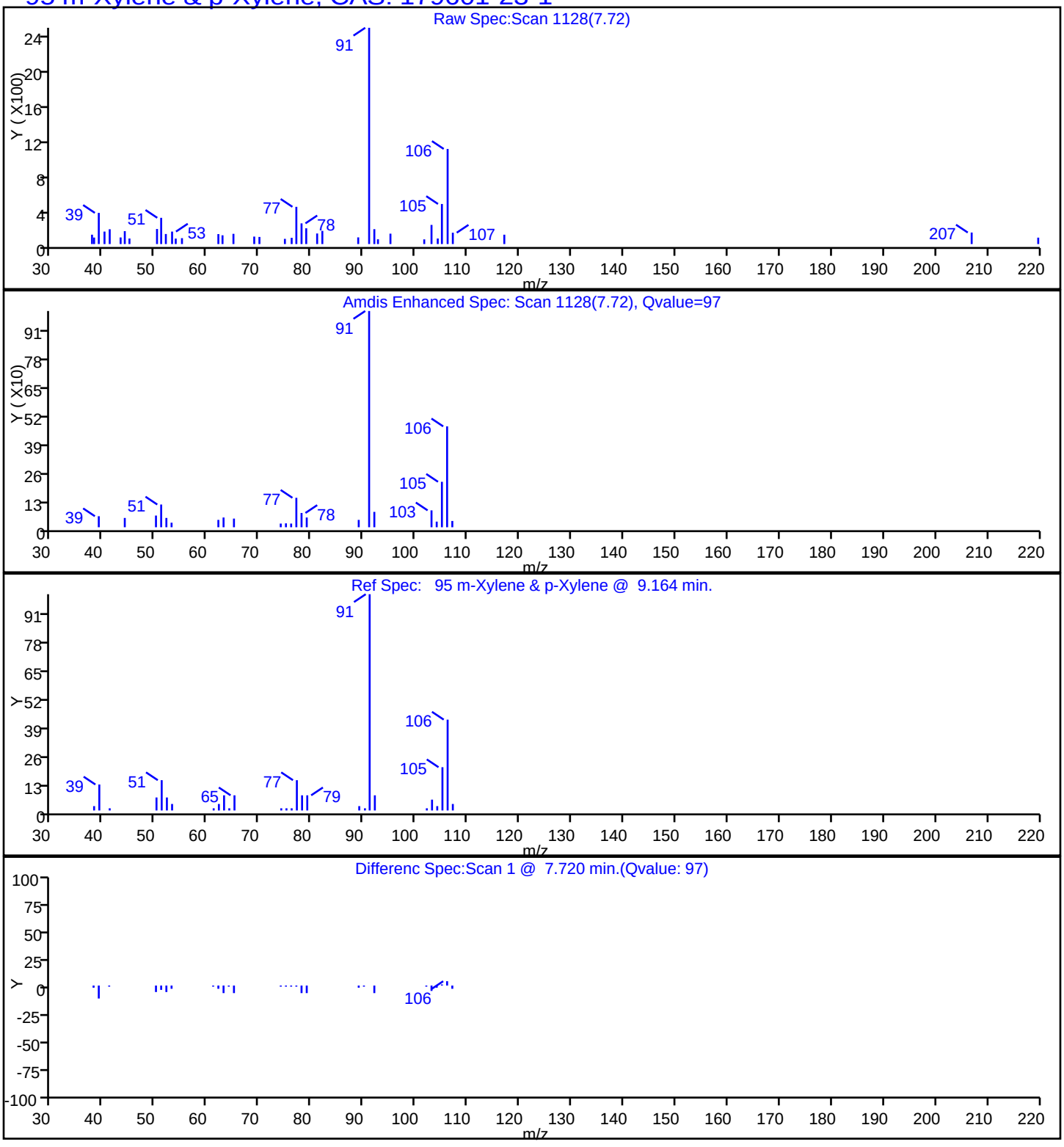
Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date:	12-Aug-2015 12:48:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-8	Lab Sample ID:	460-99291-8		
Client ID:	MW-41				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date: 12-Aug-2015 12:48:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8

Client ID: MW-41

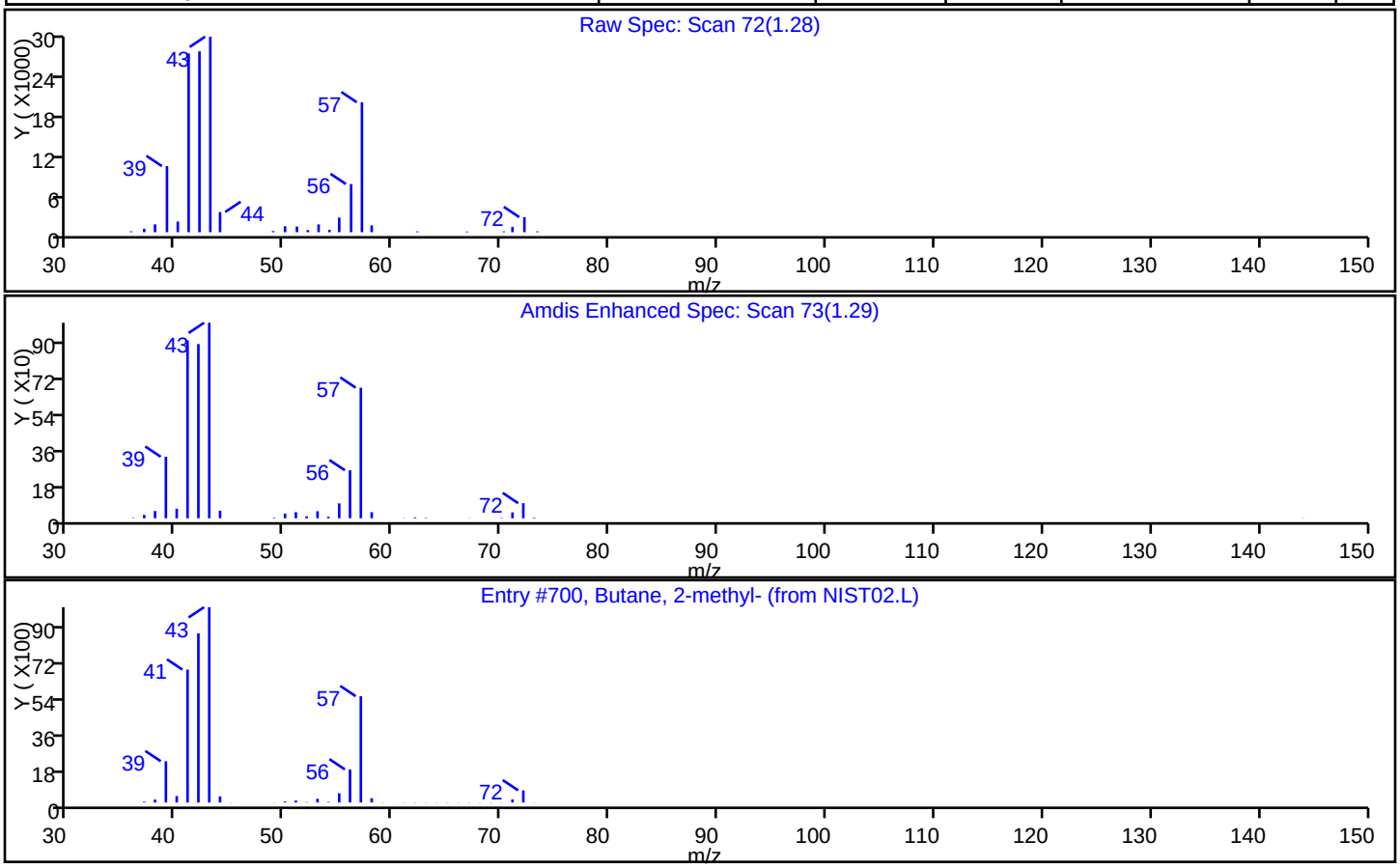
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST02	700	C5H12	72	91



Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date: 12-Aug-2015 12:48:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8

Client ID: MW-41

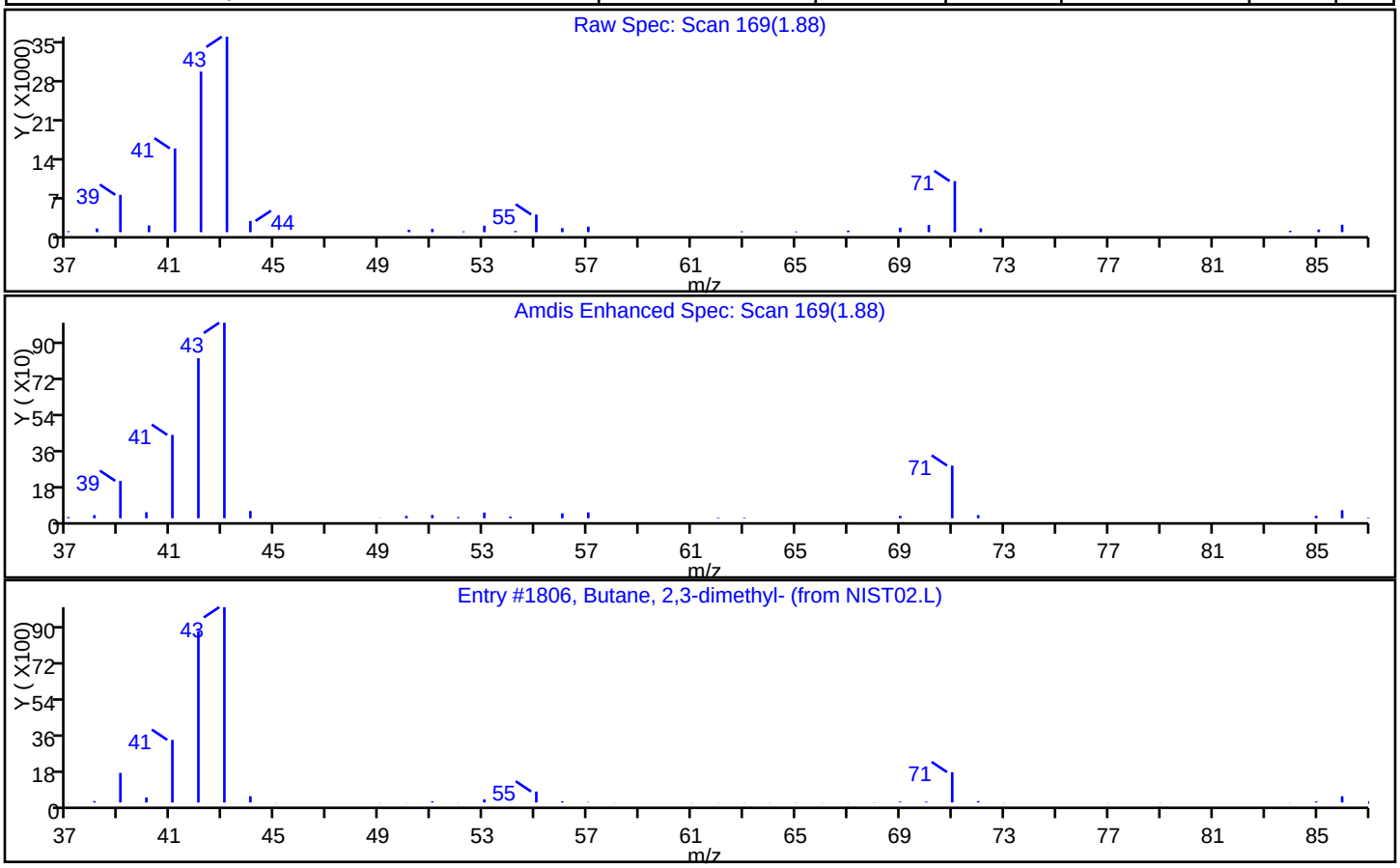
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2,3-dimethyl-	79-29-8	NIST02	1806	C6H14	86	86



Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date: 12-Aug-2015 12:48:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8

Client ID: MW-41

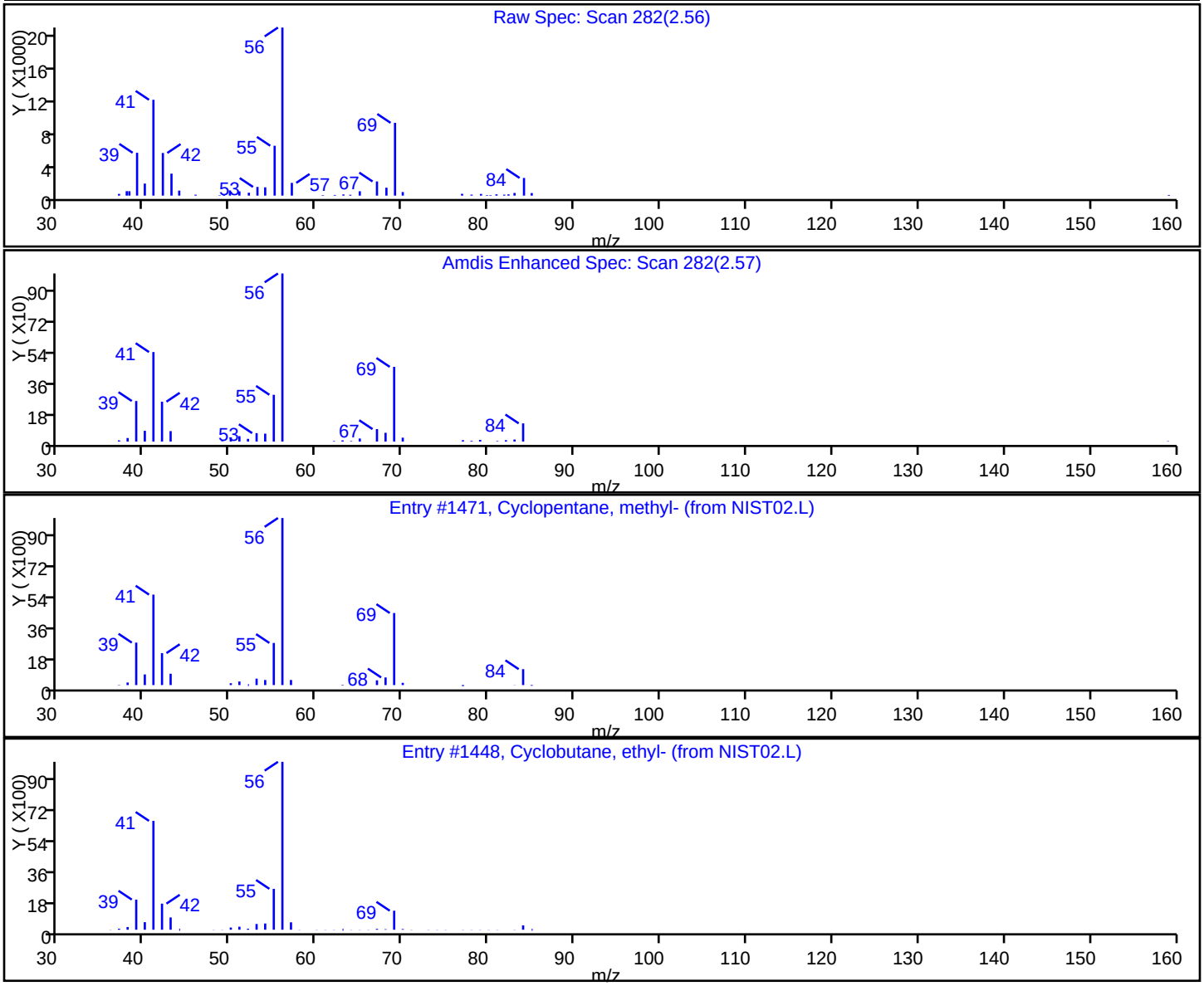
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, methyl-	96-37-7	NIST02	1471	C6H12	84	91
Cyclobutane, ethyl-	4806-61-5	NIST02.L	1448	C6H12	84	72



Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date: 12-Aug-2015 12:48:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8

Client ID: MW-41

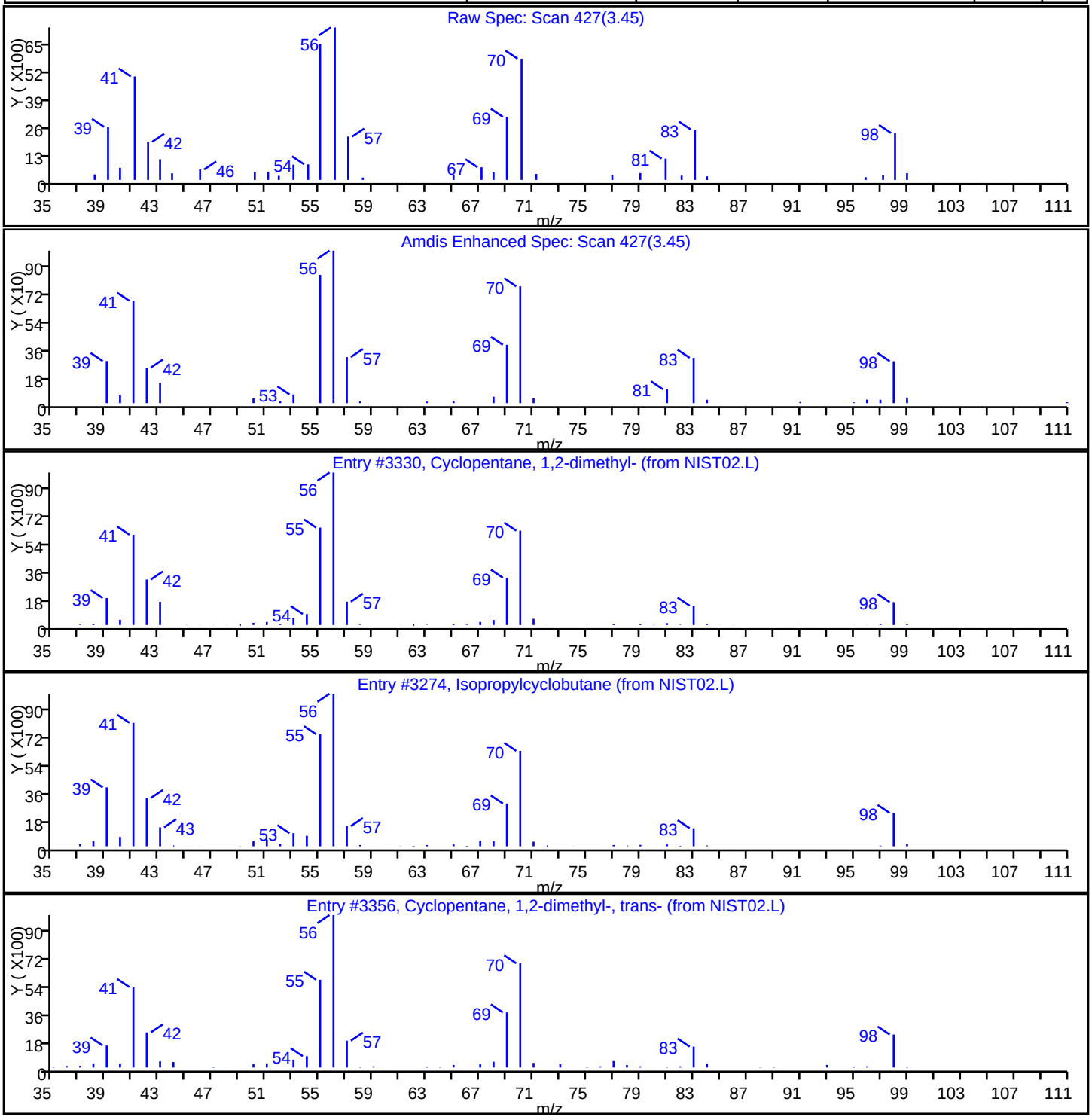
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, 1,2-dimethyl-	2452-99-5	NIST02	3330	C7H14	98	87
Isopropylcyclobutane	872-56-0	NIST02.L	3274	C7H14	98	86
Cyclopentane, 1,2-dimethyl-, trans-	822-50-4	NIST02.L	3356	C7H14	98	86



Report Date: 12-Aug-2015 16:49:49 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02297.D

Injection Date: 12-Aug-2015 12:48:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-8 Lab Sample ID: 460-99291-8

Client ID: MW-41

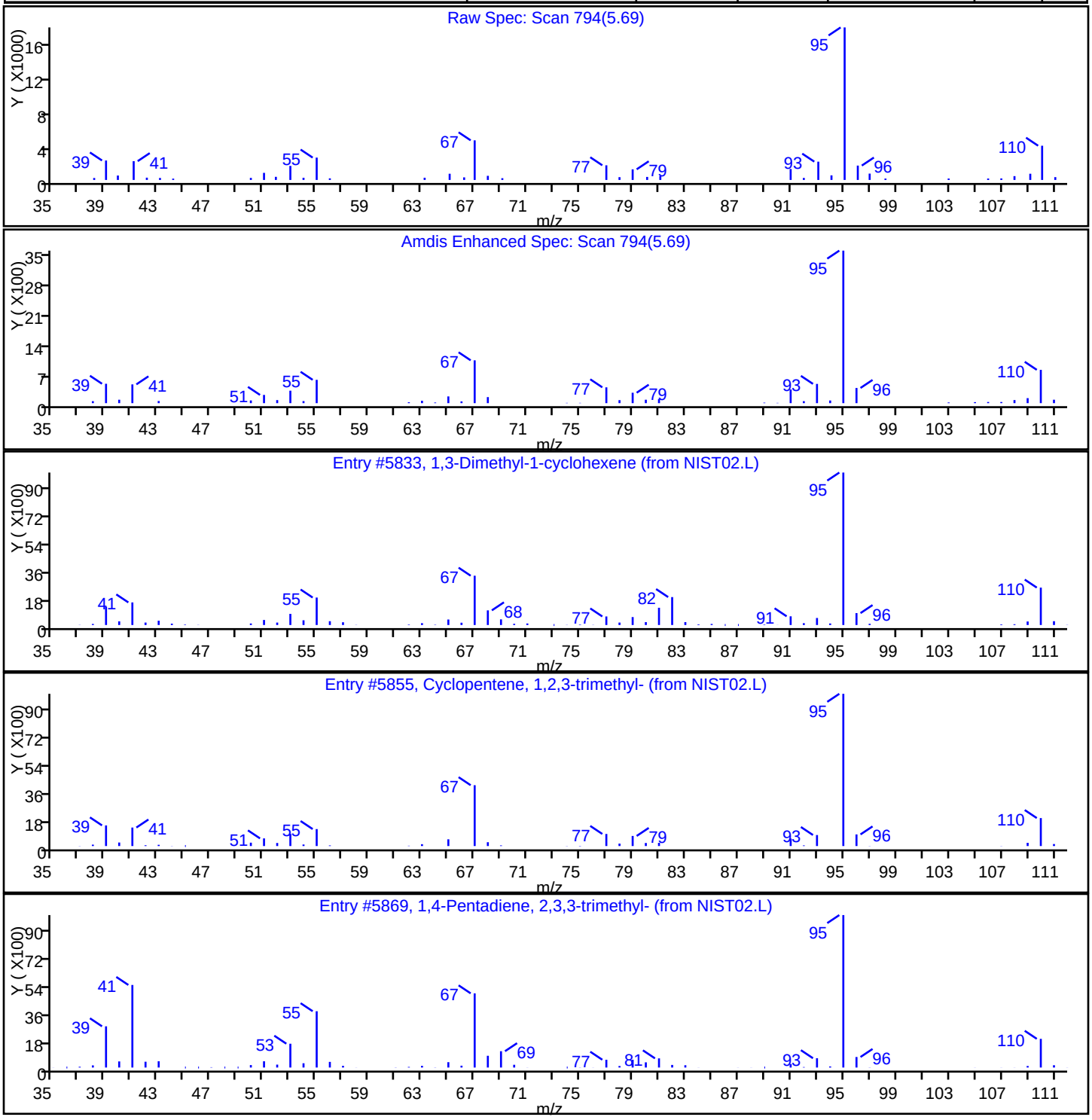
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3-Dimethyl-1-cyclohexene	2808-76-6	NIST02	5833	C8H14	110	90
Cyclopentene, 1,2,3-trimethyl-	473-91-6	NIST02.L	5855	C8H14	110	87
1,4-Pentadiene, 2,3,3-trimethyl-	756-02-5	NIST02.L	5869	C8H14	110	78



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-12 | Lab Sample ID: 460-99291-9

Matrix: Water | Lab File ID: P02302.D

Analysis Method: 8260C | Date Collected: 08/03/2015 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:54

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.17	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.4		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	0.59	J	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-12 | Lab Sample ID: 460-99291-9

Matrix: Water | Lab File ID: P02302.D

Analysis Method: 8260C | Date Collected: 08/03/2015 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:54

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.62	J	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	19		1.0	0.13
108-87-2	Methylcyclohexane	0.37	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-12 | Lab Sample ID: 460-99291-9

Matrix: Water | Lab File ID: P02302.D

Analysis Method: 8260C | Date Collected: 08/03/2015 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:54

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

Number TICs Found: 3 | TIC Result Total: 17.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
75-65-0	2-Propanol, 2-methyl-	2.26	6.8	J N
590-73-8	Hexane, 2,2-dimethyl-	3.44	5.8	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.67	5.2	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D
Lims ID: 460-99291-B-9 Lab Sample ID: 460-99291-9
Client ID: MW-12
Sample Type: Client
Inject. Date: 12-Aug-2015 14:54:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-9
Misc. Info.: 460-0030650-020
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:54:17 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:54:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Methyl tert-butyl ether	73	2.193	2.199	-0.006	97	143952	19.1	
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	251418	1000.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	94	3595	1.40	
41 Cyclohexane	56	3.028	3.034	-0.006	94	1897	0.5943	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	92998	46.2	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	251068	250.0	
54 Benzene	78	3.540	3.546	-0.006	94	1575	0.1696	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	113077	46.6	
* 61 Fluorobenzene	96	3.900	3.906	-0.006	99	486620	50.0	
63 Methylcyclohexane	83	4.052	4.040	0.012	75	1211	0.3702	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	93	23863	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	364240	49.3	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	344381	50.0	
93 Ethylbenzene	106	7.496	7.502	-0.006	98	1986	0.6168	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	95	114594	43.6	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	96	194238	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D				
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9		
Client ID:	MW-12				
Sample Type:	Client				
Inject. Date:	12-Aug-2015 14:54:30	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-99291-B-9				
Misc. Info.:	460-0030650-020				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	12-Aug-2015 16:54:17	Calib Date:	29-Jul-2015 20:18:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK052				
First Level Reviewer: starzecm		Date:	12-Aug-2015 16:54:17		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	75-65-0	2-Propanol, 2-methyl-						
2.260	138680	6.79	61	78	836	C4H10O	74	
	590-73-8	Hexane, 2,2-dimethyl-						
3.436	117489	5.75	61	72	7456	C8H18	114	
	560-21-4	Pentane, 2,3,3-trimethyl-						
4.668	105686	5.18	61	90	7458	C8H18	114	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 61 Fluorobenzene	3.900	1021088	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

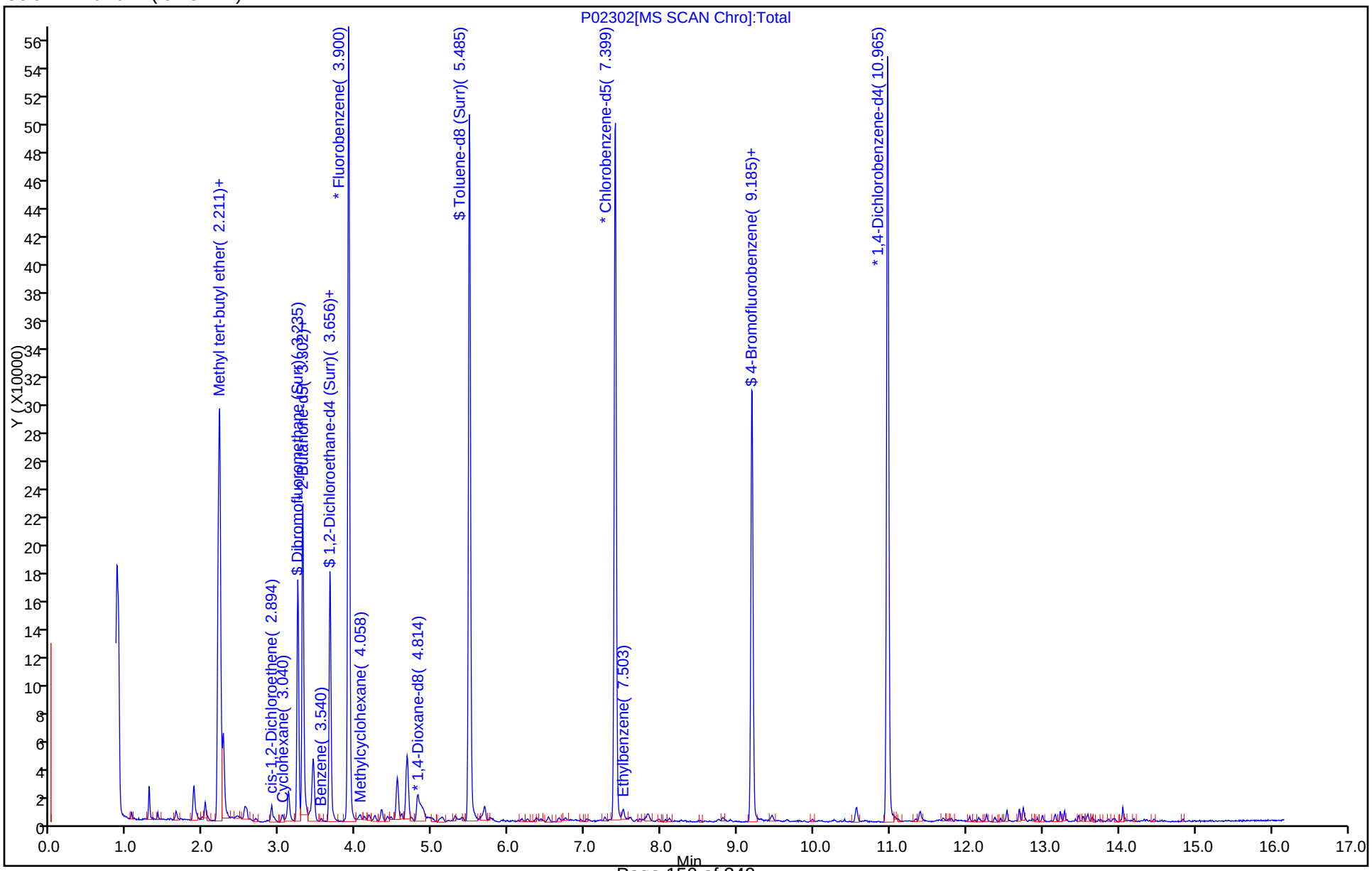
Report Date: 12-Aug-2015 16:54:17 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9	Worklist Smp#:	20
Client ID:	MW-12				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



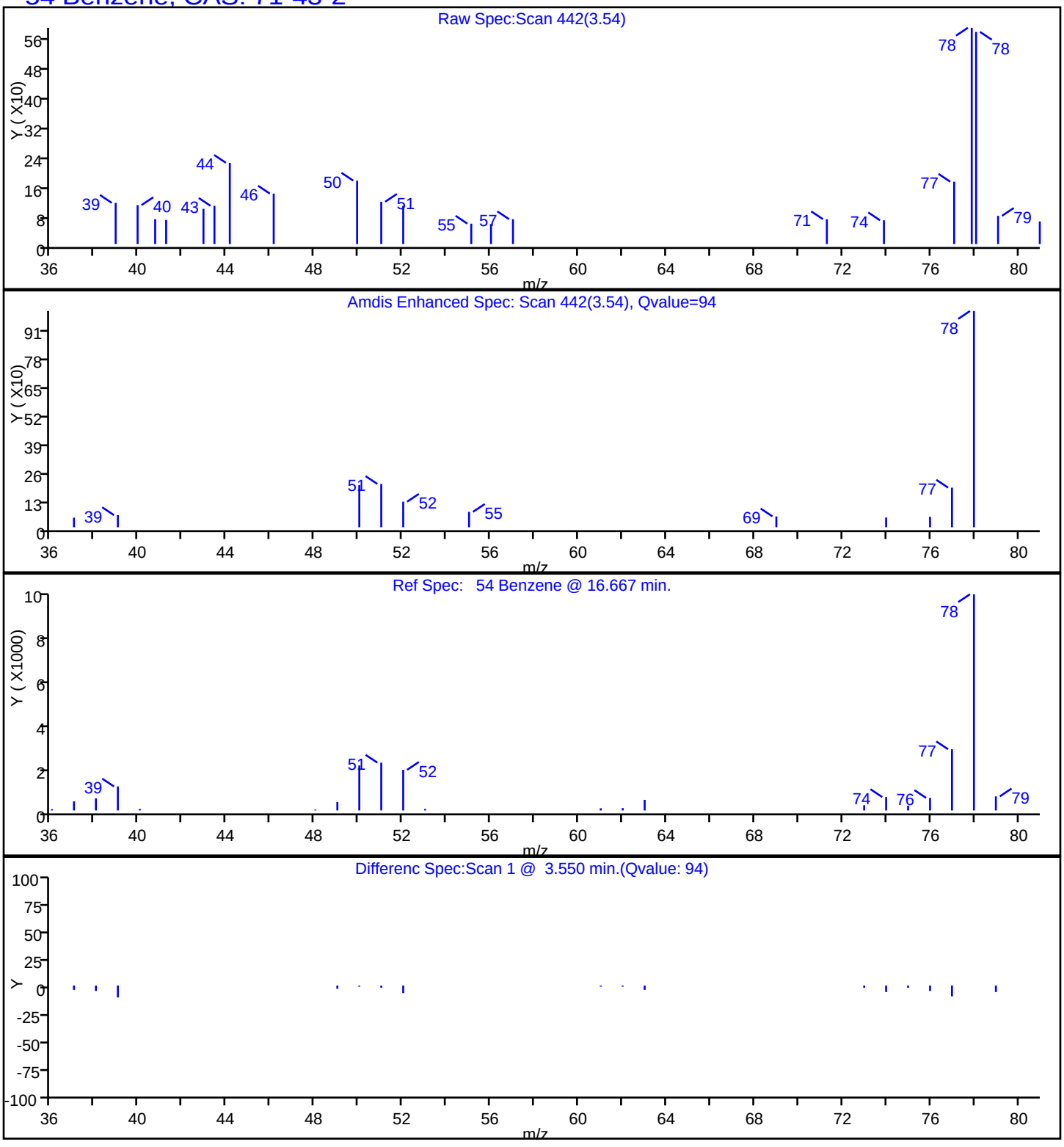
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9
Client ID:	MW-12		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

54 Benzene, CAS: 71-43-2



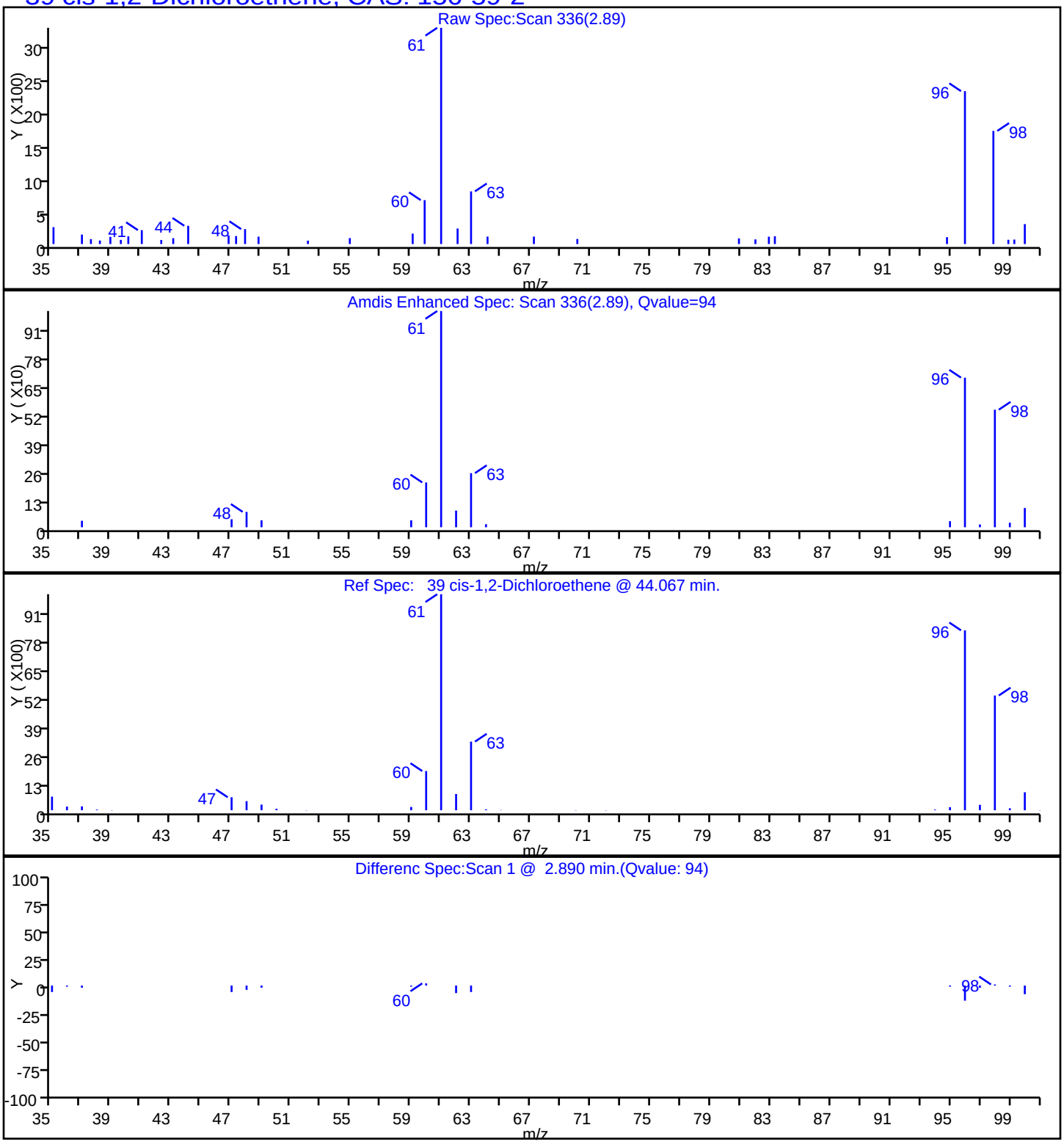
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9		
Client ID:	MW-12				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



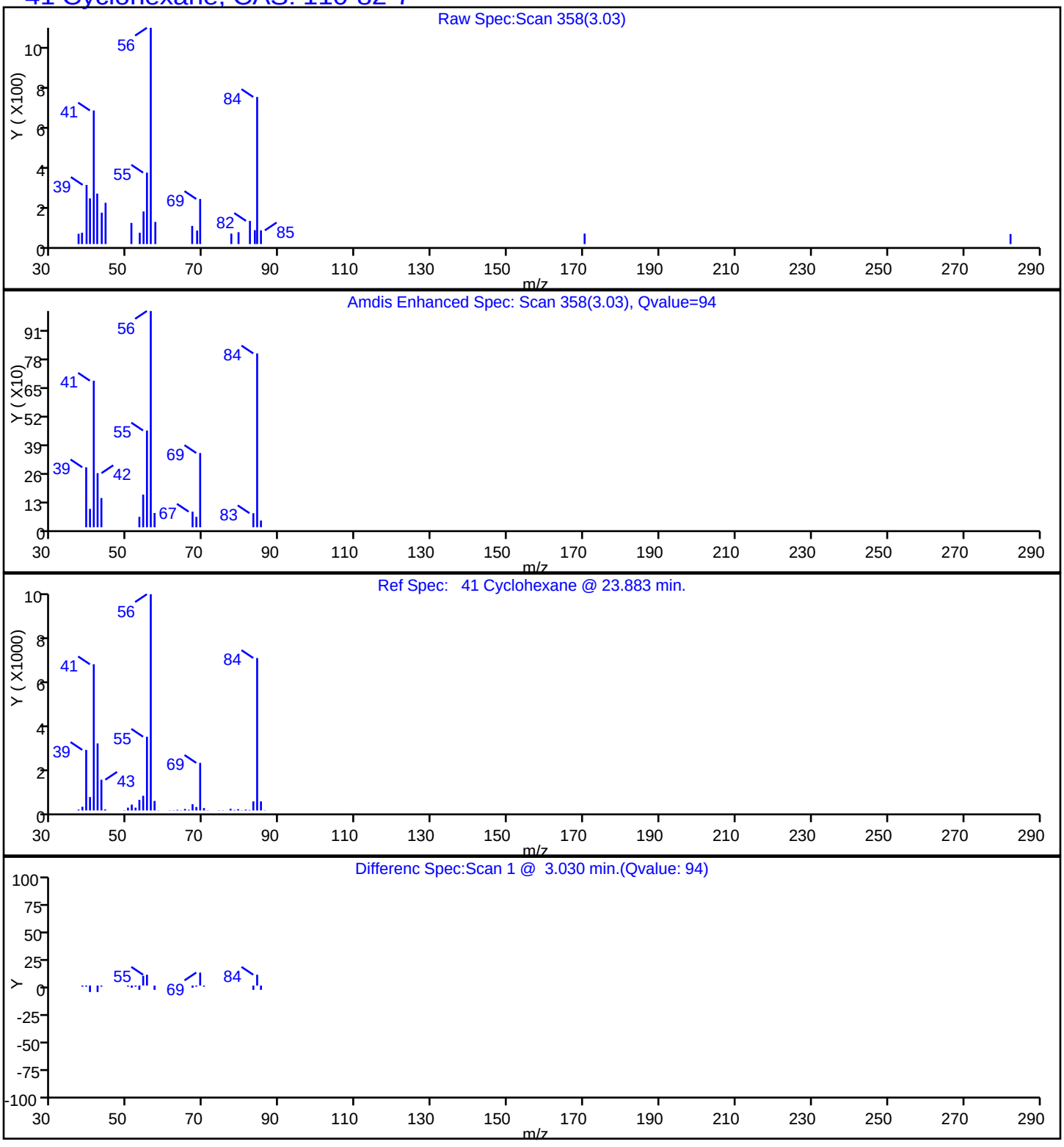
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9
Client ID:	MW-12		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

41 Cyclohexane, CAS: 110-82-7



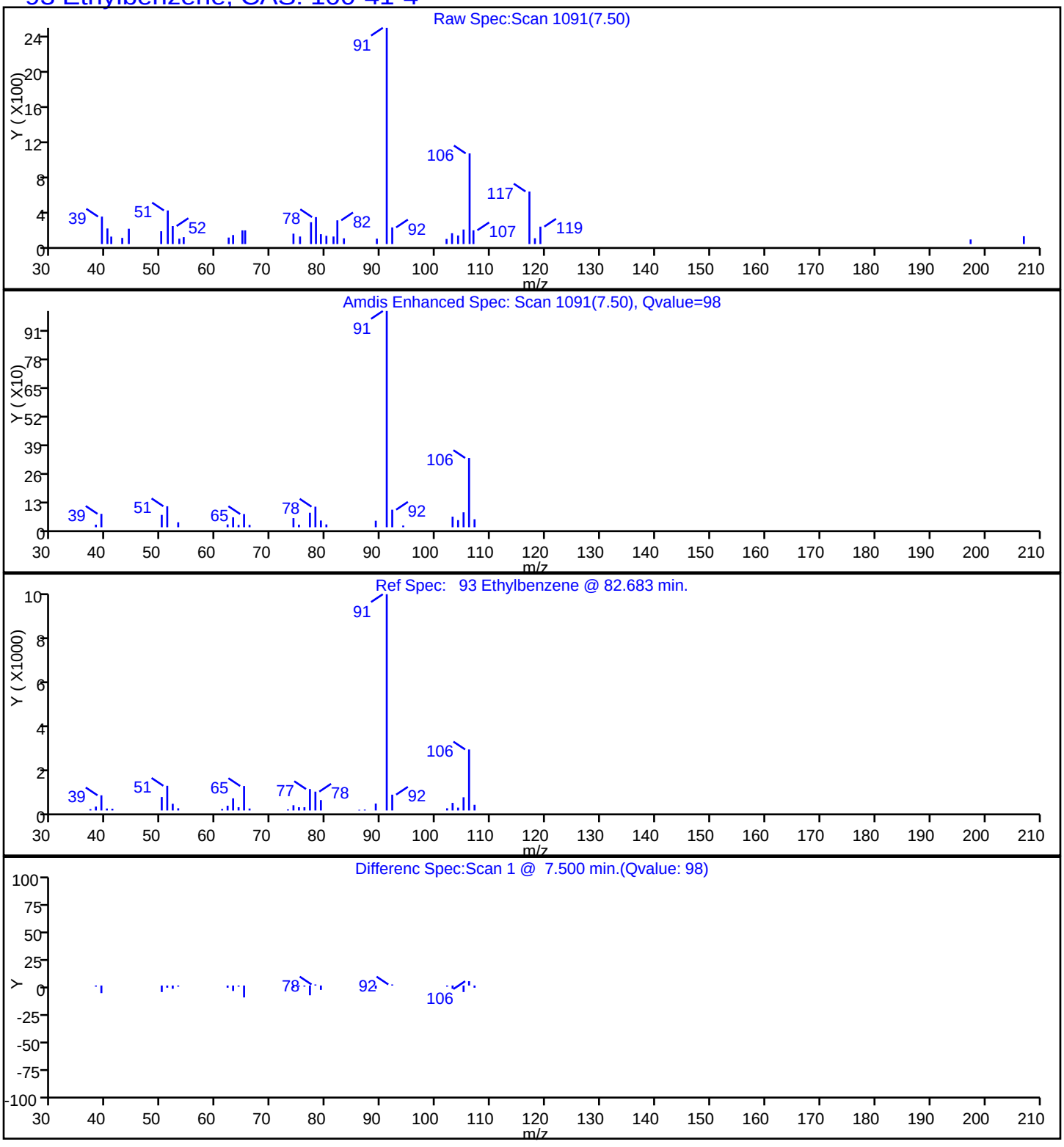
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9		
Client ID:	MW-12				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

93 Ethylbenzene, CAS: 100-41-4



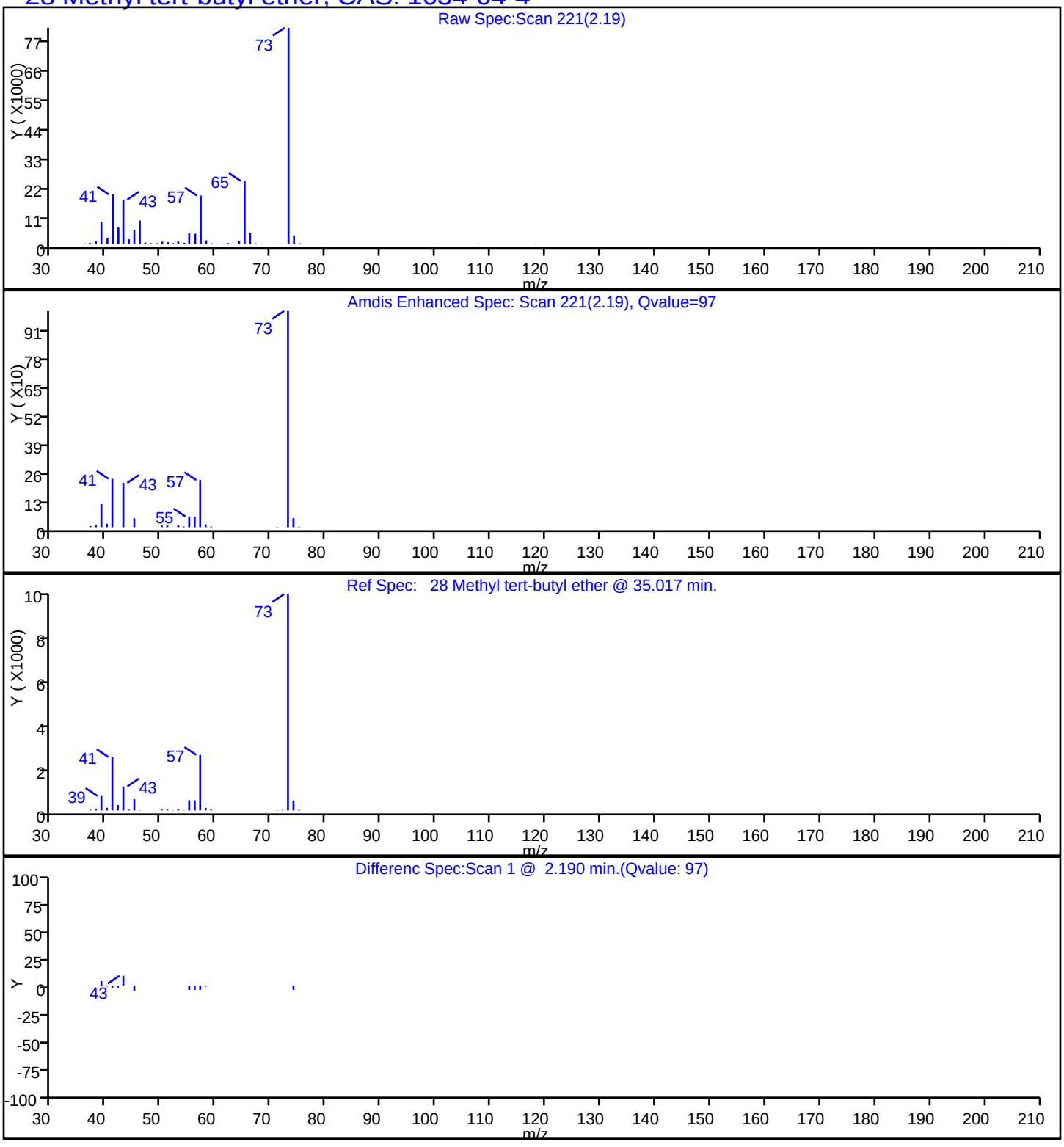
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9		
Client ID:	MW-12				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

28 Methyl tert-butyl ether, CAS: 1634-04-4



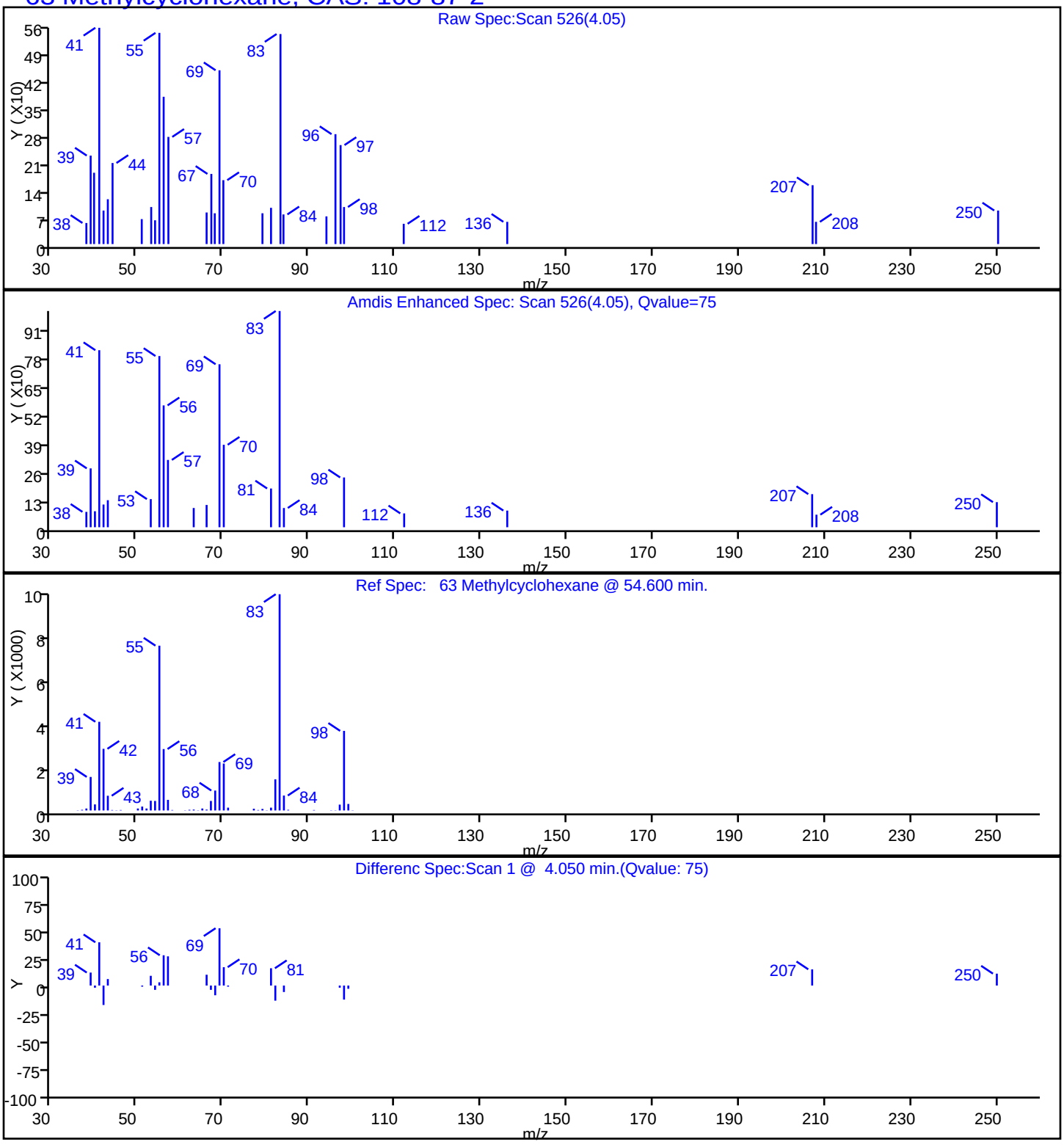
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9
Client ID:	MW-12		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



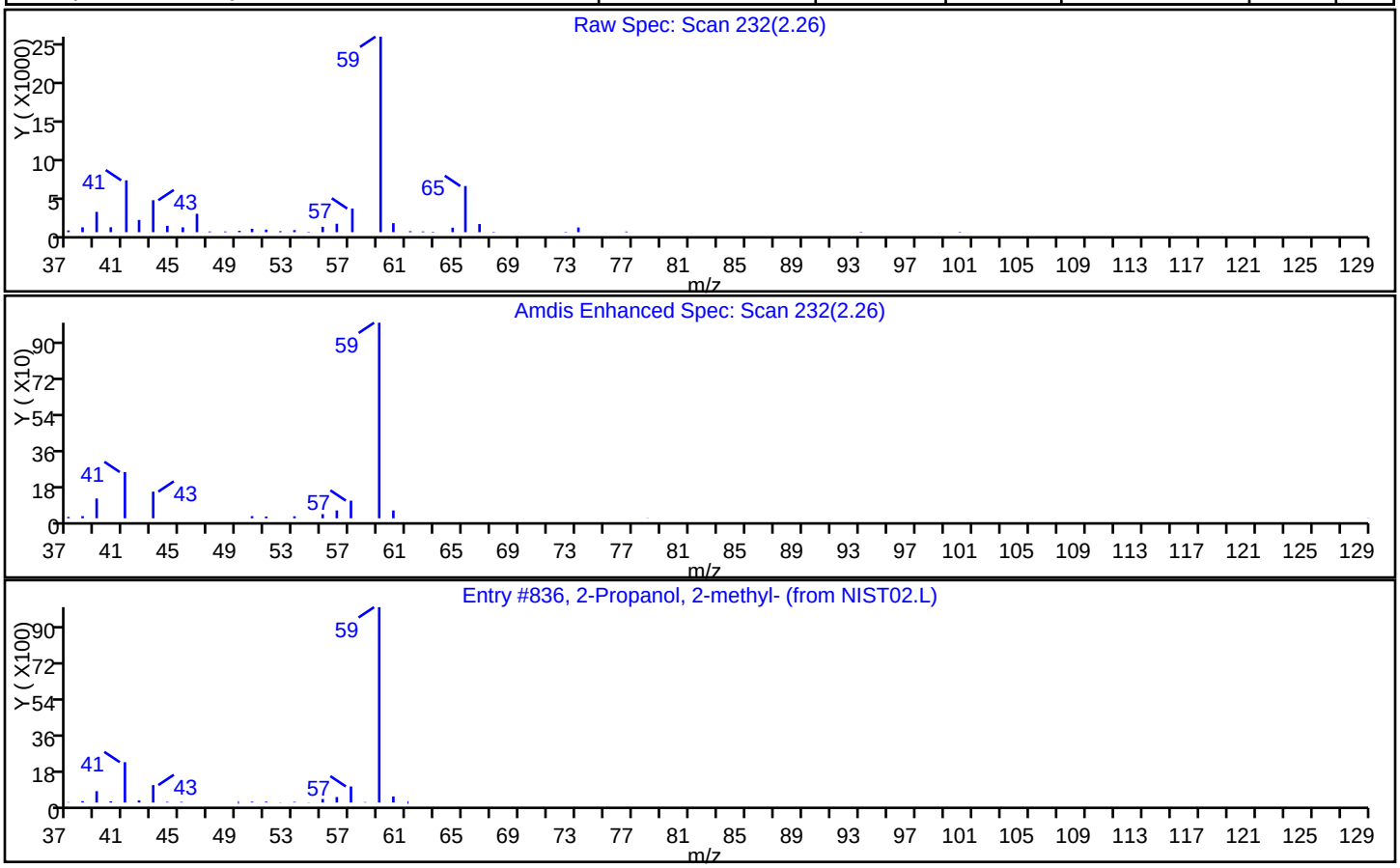
Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date:	12-Aug-2015 14:54:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-9	Lab Sample ID:	460-99291-9		
Client ID:	MW-12				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Propanol, 2-methyl-	75-65-0	NIST02	836	C4H10O	74	78



Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date: 12-Aug-2015 14:54:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-9 Lab Sample ID: 460-99291-9

Client ID: MW-12

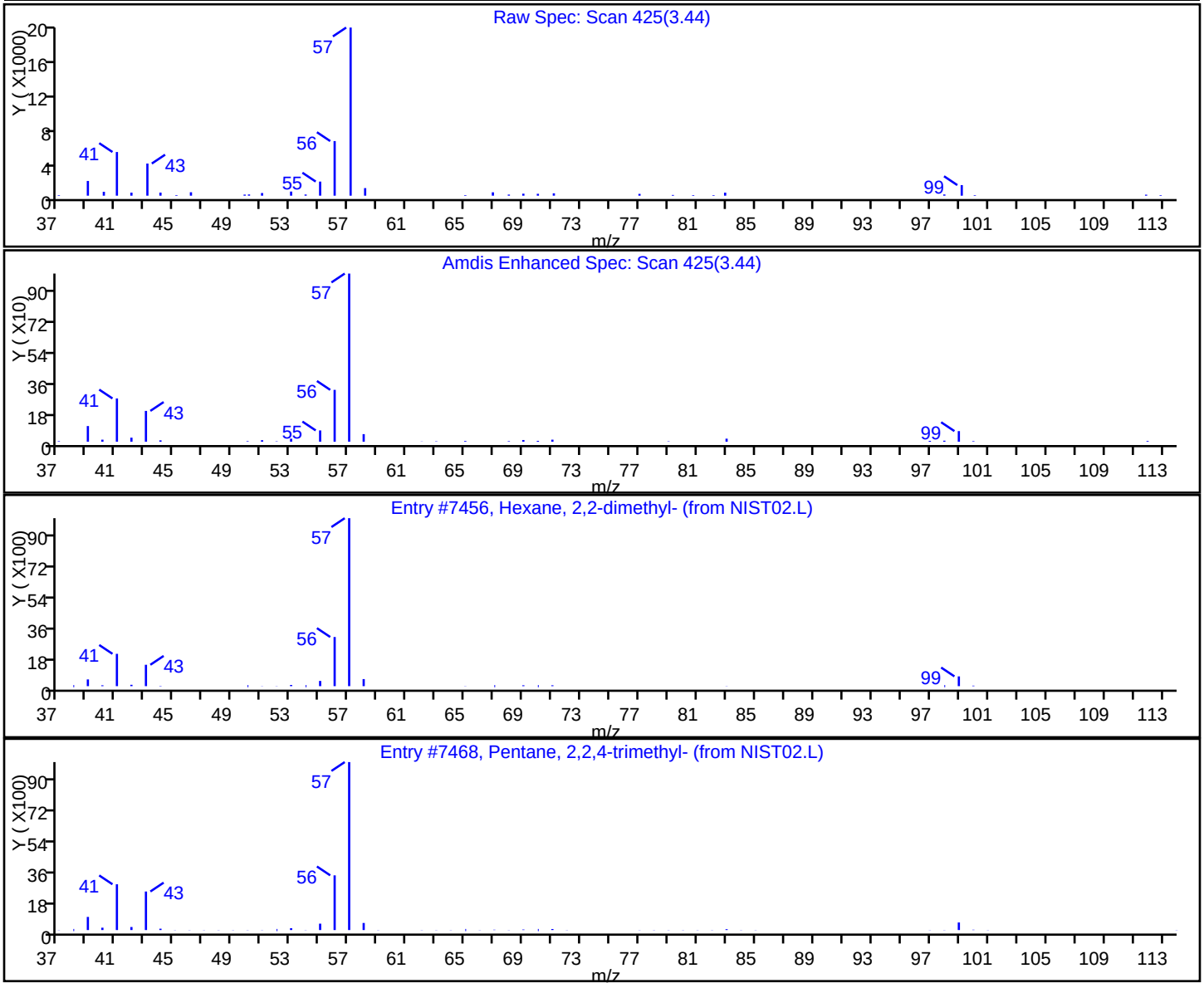
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2,2-dimethyl-	590-73-8	NIST02	7456	C8H18	114	72
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7468	C8H18	114	72



Report Date: 12-Aug-2015 16:54:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02302.D

Injection Date: 12-Aug-2015 14:54:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-9 Lab Sample ID: 460-99291-9

Client ID: MW-12

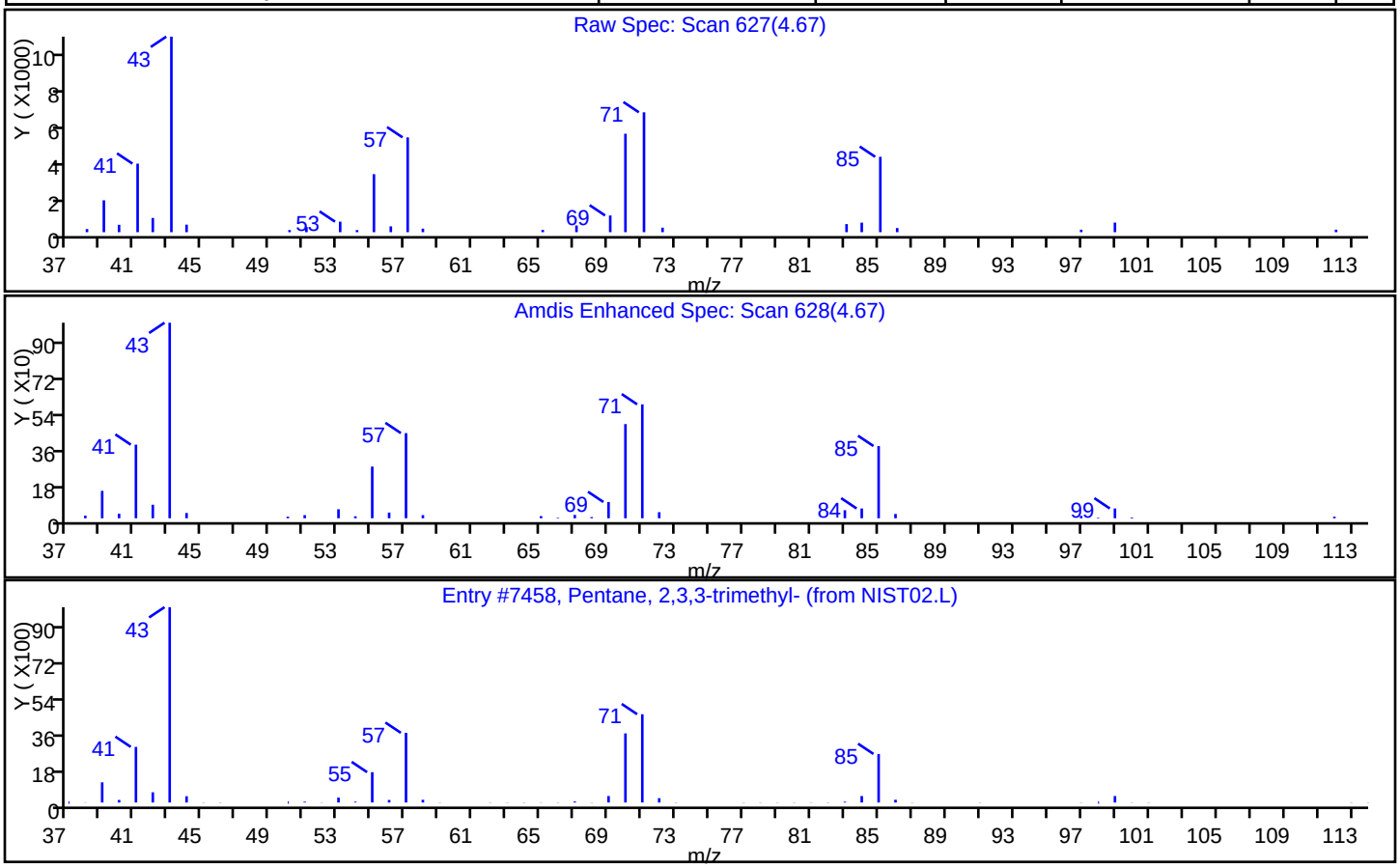
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02	7458	C8H18	114	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-99291-10

Matrix: Water | Lab File ID: P02304.D

Analysis Method: 8260C | Date Collected: 08/03/2015 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 15:44

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	10	U	10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.4
79-00-5	1,1,2-Trichloroethane	10	U	10	0.80
75-34-3	1,1-Dichloroethane	10	U	10	2.4
75-35-4	1,1-Dichloroethene	10	U	10	3.4
87-61-6	1,2,3-Trichlorobenzene	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	10	U	10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	2.3
95-50-1	1,2-Dichlorobenzene	10	U	10	2.2
107-06-2	1,2-Dichloroethane	10	U	10	2.5
78-87-5	1,2-Dichloropropane	10	U	10	1.8
541-73-1	1,3-Dichlorobenzene	10	U	10	3.3
106-46-7	1,4-Dichlorobenzene	10	U	10	3.3
123-91-1	1,4-Dioxane	500	U	500	87
78-93-3	2-Butanone (MEK)	50	U	50	22
591-78-6	2-Hexanone	50	U	50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	50	6.3
67-64-1	Acetone	50	U	50	11
71-43-2	Benzene	42		10	0.90
75-25-2	Bromoform	10	U	10	1.8
74-83-9	Bromomethane	10	U	10	1.8
75-15-0	Carbon disulfide	10		10	2.2
56-23-5	Carbon tetrachloride	10	U	10	3.3
108-90-7	Chlorobenzene	10	U	10	2.4
74-97-5	Chlorobromomethane	10	U	10	3.0
124-48-1	Chlorodibromomethane	10	U	10	2.2
75-00-3	Chloroethane	10	U	10	3.7
67-66-3	Chloroform	53		10	2.2
74-87-3	Chloromethane	10	U	10	2.2
156-59-2	cis-1,2-Dichloroethene	10	U	10	2.6
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.6
110-82-7	Cyclohexane	23		10	2.6
75-27-4	Dichlorobromomethane	10	U	10	1.5
75-71-8	Dichlorodifluoromethane	10	U	10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-99291-10

Matrix: Water | Lab File ID: P02304.D

Analysis Method: 8260C | Date Collected: 08/03/2015 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 15:44

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	240		10	3.0
106-93-4	Ethylene Dibromide	10	U	10	1.9
98-82-8	Isopropylbenzene	15		10	3.2
79-20-9	Methyl acetate	50	U	50	5.8
1634-04-4	Methyl tert-butyl ether	450		10	1.3
108-87-2	Methylcyclohexane	38		10	2.2
75-09-2	Methylene Chloride	10	U	10	2.1
179601-23-1	m-Xylene & p-Xylene	2300		10	2.8
95-47-6	o-Xylene	1400		10	3.2
100-42-5	Styrene	10	U	10	1.7
127-18-4	Tetrachloroethene	1.8	J	10	1.2
108-88-3	Toluene	220		10	2.5
156-60-5	trans-1,2-Dichloroethene	10	U	10	1.8
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.9
79-01-6	Trichloroethene	10	U	10	2.2
75-69-4	Trichlorofluoromethane	10	U	10	1.5
75-01-4	Vinyl chloride	10	U	10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	92		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-99291-10

Matrix: Water | Lab File ID: P02304.D

Analysis Method: 8260C | Date Collected: 08/03/2015 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 15:44

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 3850

CAS NO.	COMPOUND NAME	RT	RESULT	Q
620-14-4	Benzene, 1-ethyl-3-methyl-	9.62	790	J N
108-67-8	Benzene, 1,3,5-trimethyl-	9.80	340	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.09	330	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.40	1100	J N
526-73-8	Benzene, 1,2,3-trimethyl-	11.09	430	J N
496-11-7	Indane	11.26	310	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.49	90	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.97	120	J N
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.87	150	J N
91-20-3	Naphthalene	13.56	190	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D
Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10
Client ID: MW-13
Sample Type: Client
Inject. Date: 12-Aug-2015 15:44:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-99291-B-10
Misc. Info.: 460-0030650-022
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 17:18:23 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 17:18:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
16 Carbon disulfide	76	1.705	1.705	0.000	99	8271	1.00	
28 Methyl tert-butyl ether	73	2.193	2.199	-0.006	97	331511	44.9	
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	251804	1000.0	
41 Cyclohexane	56	3.034	3.034	0.000	88	7058	2.25	
43 Chloroform	83	3.101	3.101	0.000	99	21035	5.29	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	92761	47.0	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	252638	250.0	
54 Benzene	78	3.546	3.546	0.000	97	37993	4.17	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	112464	47.2	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	477246	50.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	12335	3.84	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	94	25558	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	369876	51.1	
78 Toluene	91	5.539	5.546	-0.007	94	210360	22.4	
81 Tetrachloroethene	166	5.978	5.984	-0.006	84	434	0.1766	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	337776	50.0	
93 Ethylbenzene	106	7.503	7.502	0.000	98	74665	23.6	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	904552	233.8	
96 o-Xylene	106	8.313	8.319	-0.006	95	496151	137.2	
100 Isopropylbenzene	105	8.807	8.807	0.000	97	14213	1.52	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	118718	46.1	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	199327	50.0	

Reagents:

8260ISNEW_00006	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D				
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Sample Type:	Client				
Inject. Date:	12-Aug-2015 15:44:30	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Sample Info:	460-99291-B-10				
Misc. Info.:	460-0030650-022				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	12-Aug-2015 17:18:23	Calib Date:	29-Jul-2015 20:18:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK052				
First Level Reviewer: starzecm		Date:	12-Aug-2015 17:18:23		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
620-14-4 Benzene, 1-ethyl-3-methyl-								
9.618	1821827	79.0	119	95	9128	C9H12	120	
108-67-8 Benzene, 1,3,5-trimethyl-								
9.795	774311	33.6	119	95	9114	C9H12	120	
611-14-3 Benzene, 1-ethyl-2-methyl-								
10.093	771512	33.5	119	93	9130	C9H12	120	
95-63-6 Benzene, 1,2,4-trimethyl-								
10.398	2489179	108.0	119	94	9124	C9H12	120	I
526-73-8 Benzene, 1,2,3-trimethyl-								
11.093	981945	42.6	119	94	9123	C9H12	120	
496-11-7 Indane								
11.264	722251	31.3	119	95	8676	C9H10	118	
527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-								
11.490	207648	9.01	119	94	14404	C10H14	134	
933-98-2 Benzene, 1-ethyl-2,3-dimethyl-								
11.971	281143	12.2	119	93	14369	C10H14	134	
2039-89-6 Benzene, 2-ethenyl-1,4-dimethyl-								
12.867	334480	14.5	119	93	13603	C10H12	132	
91-20-3 Naphthalene								
13.562	444306	19.3	119	94	11560	C10H8	128	

Report Date: 12-Aug-2015 17:18:23 Chrom Revision: 2.2 23-Jul-2015 08:26:08
Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.965	1152687	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

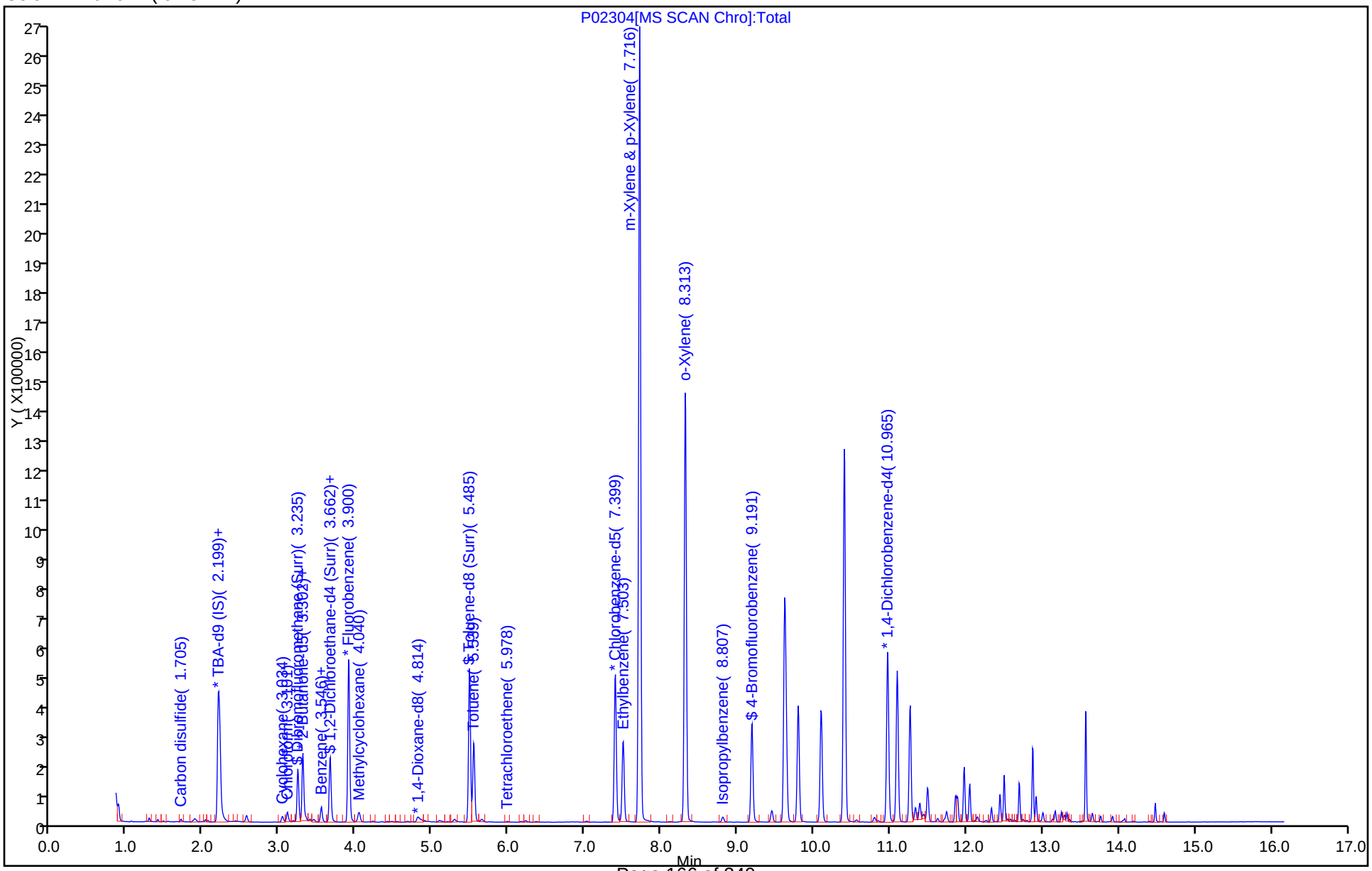
Report Date: 12-Aug-2015 17:18:23 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10	Worklist Smp#:	22
Client ID:	MW-13				
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	21
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



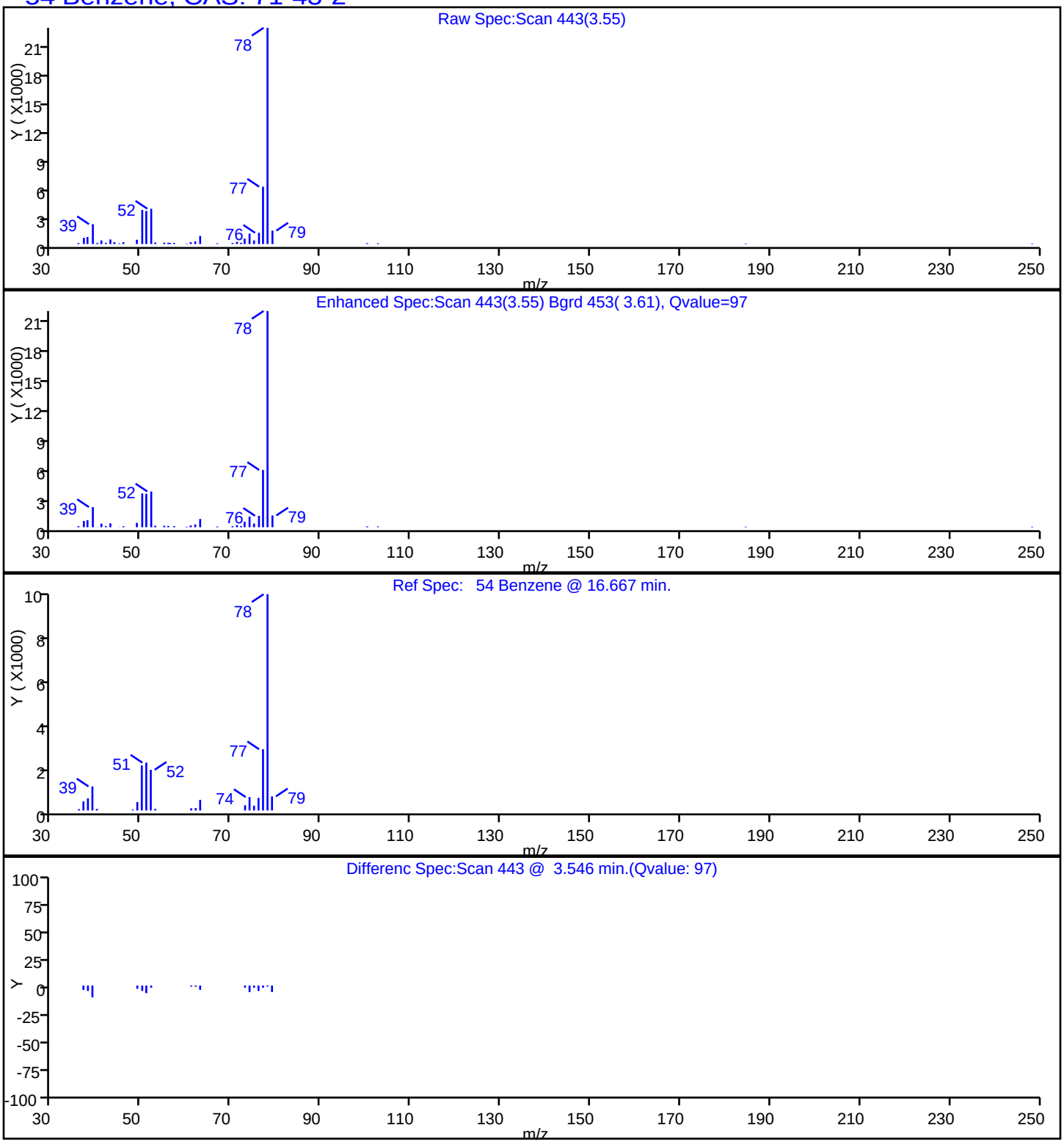
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

54 Benzene, CAS: 71-43-2



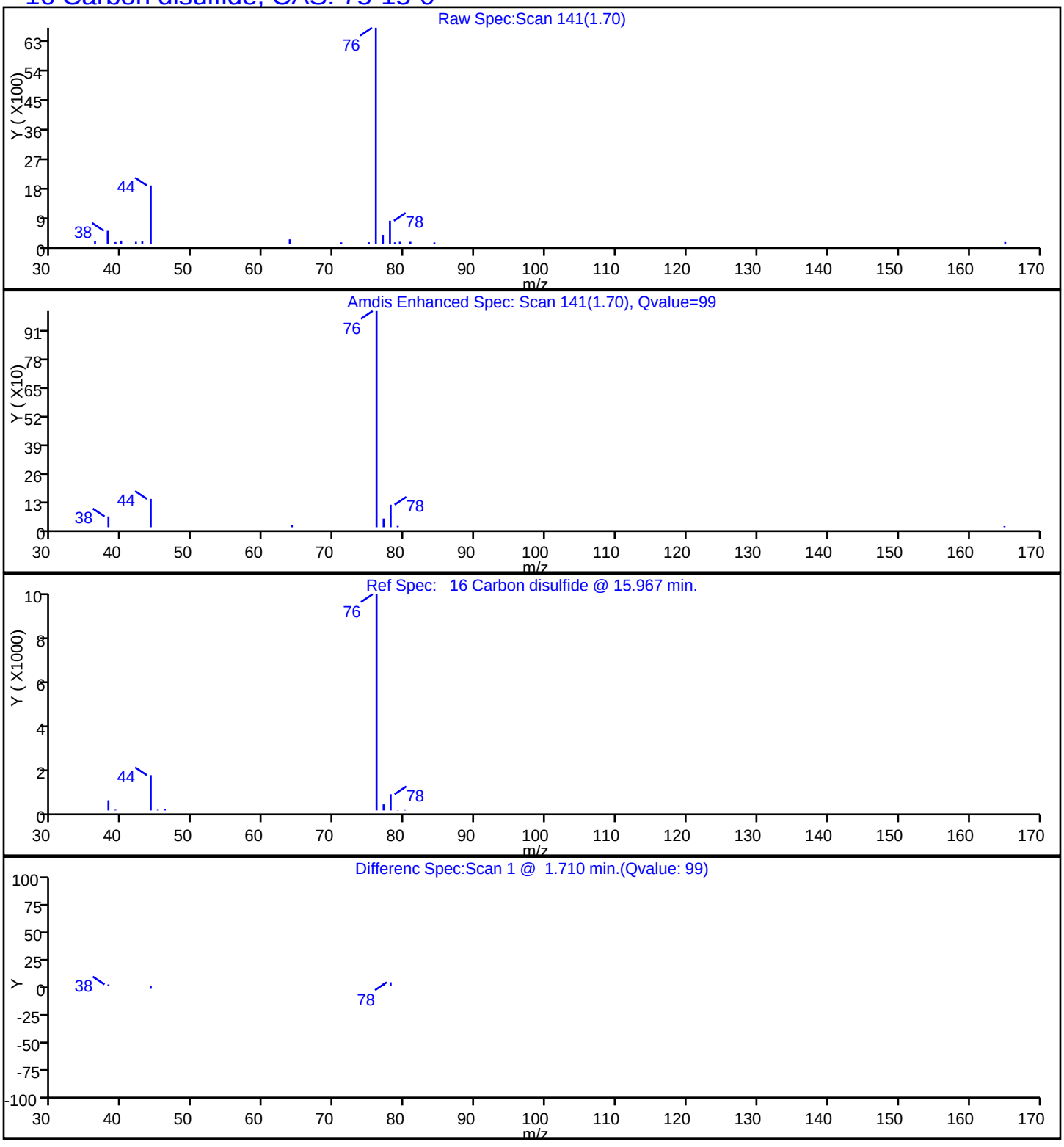
Report Date: 12-Aug-2015 17:18:23 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

16 Carbon disulfide, CAS: 75-15-0



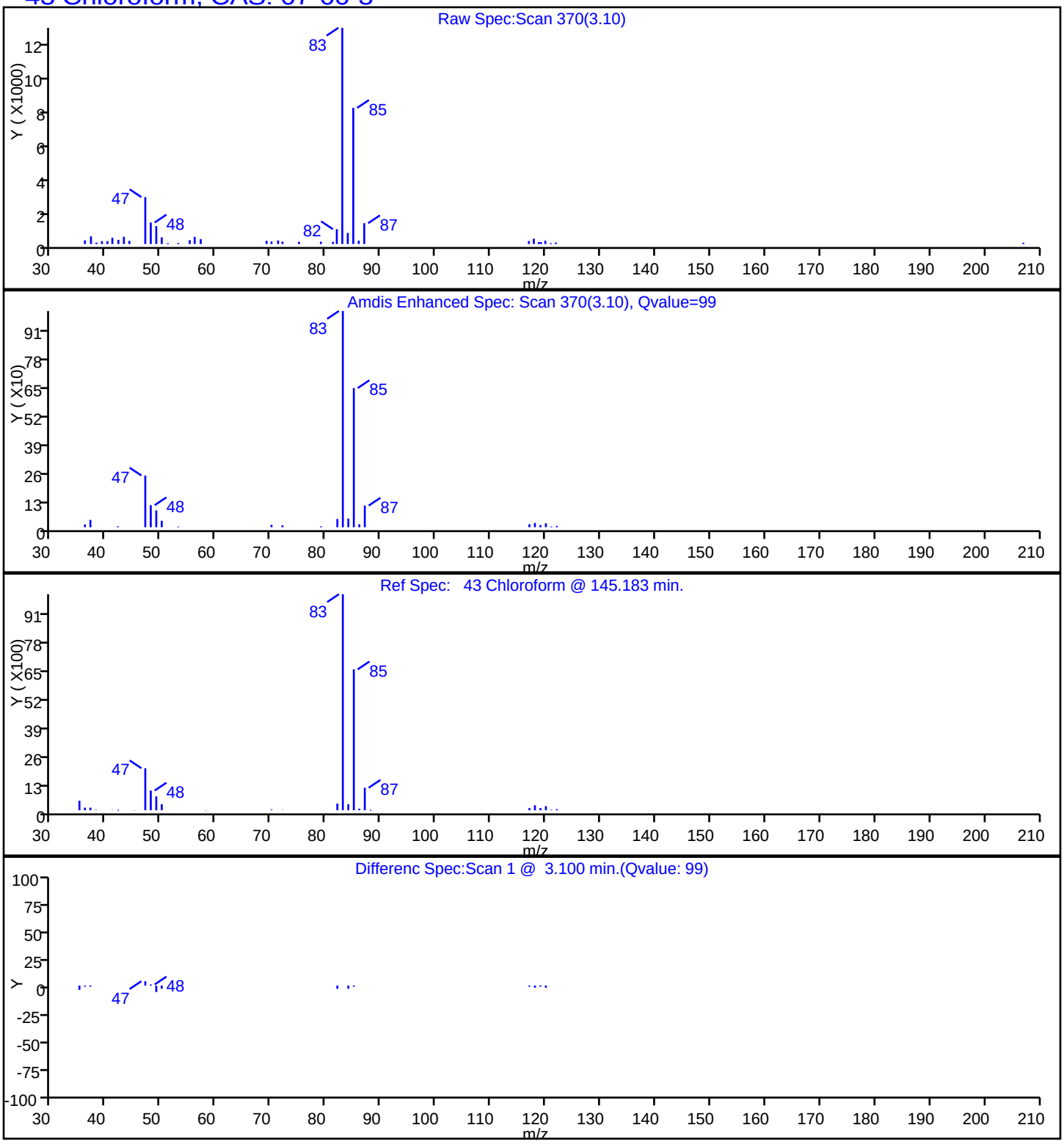
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



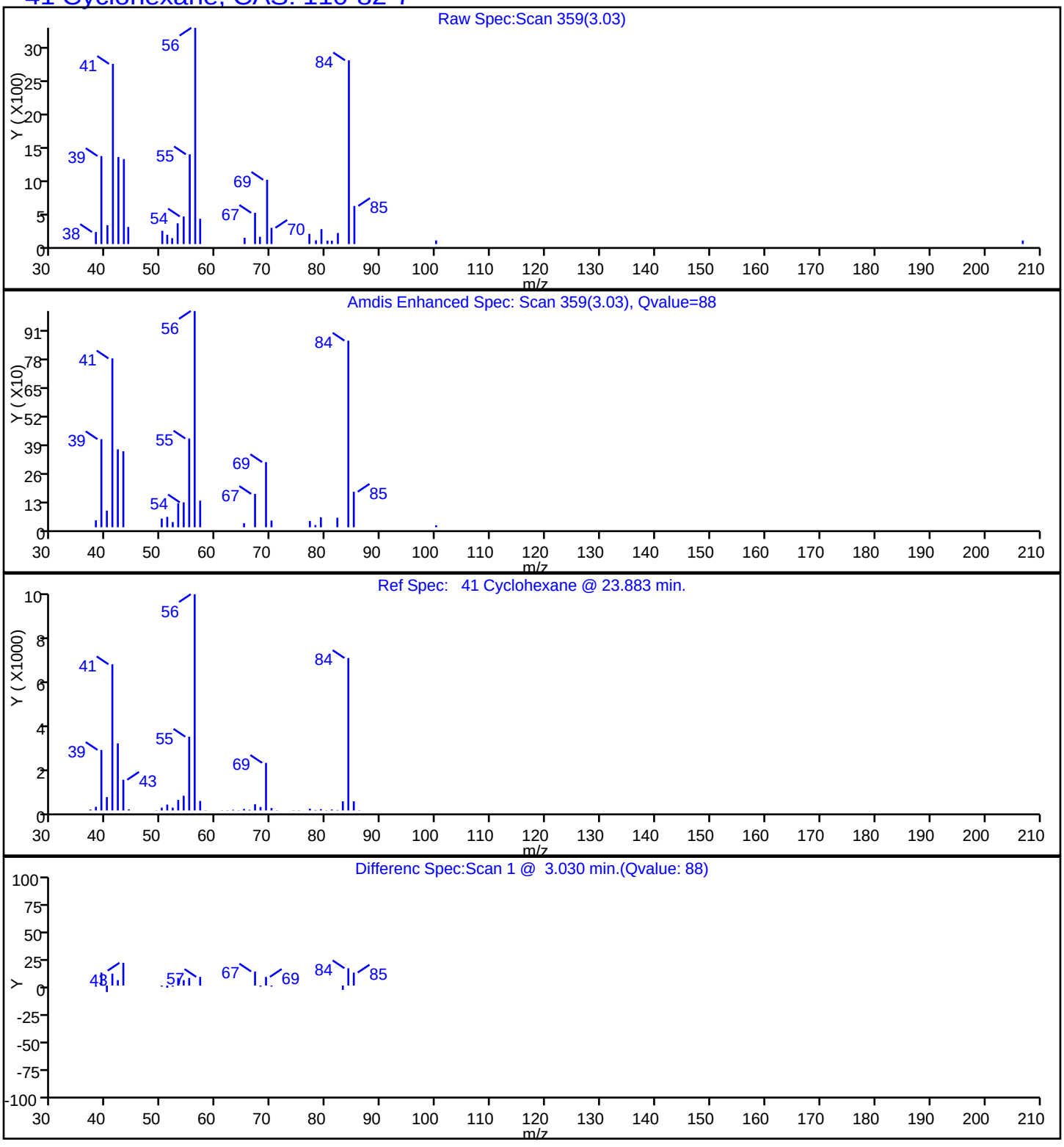
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 Cyclohexane, CAS: 110-82-7



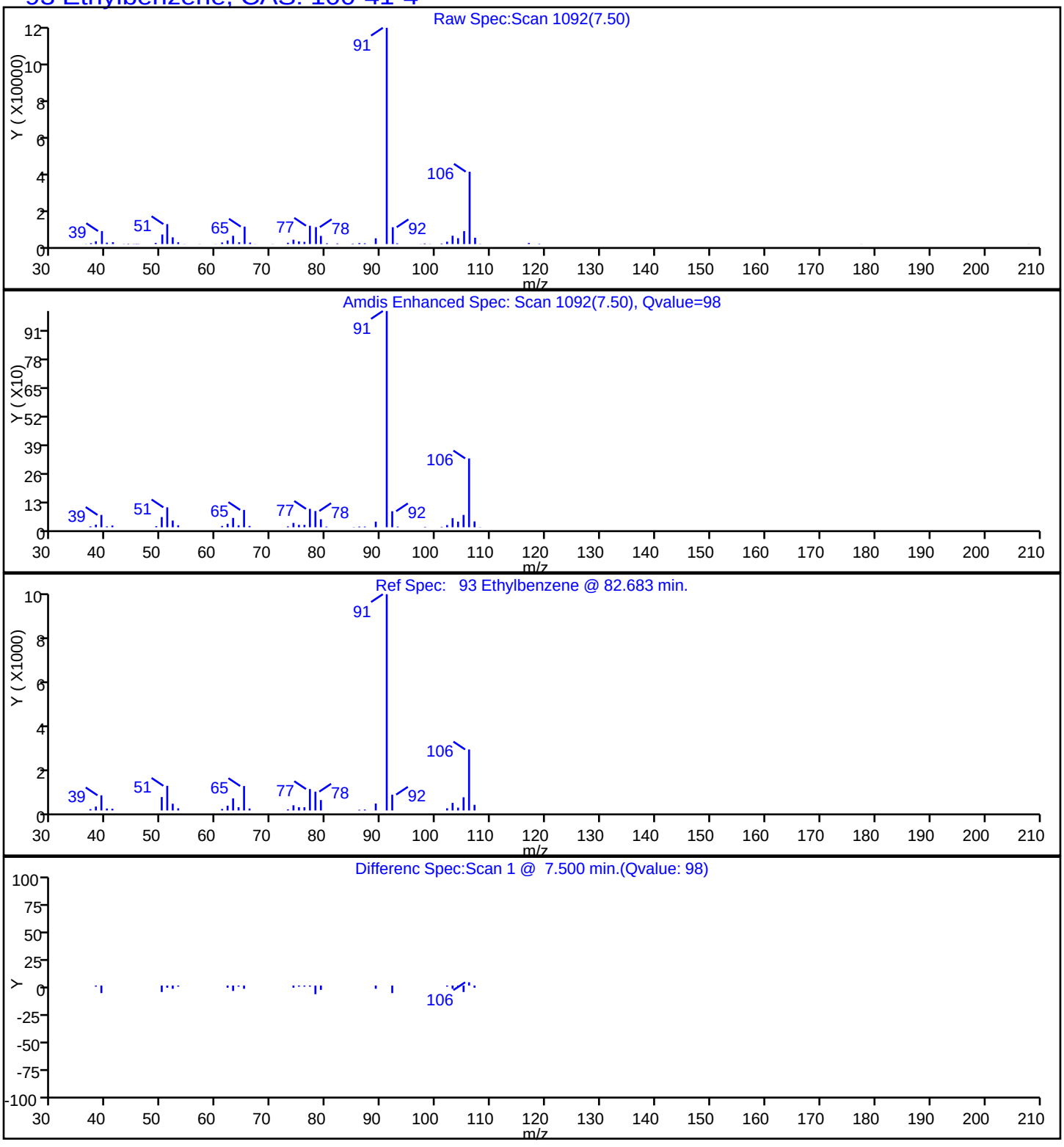
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

93 Ethylbenzene, CAS: 100-41-4



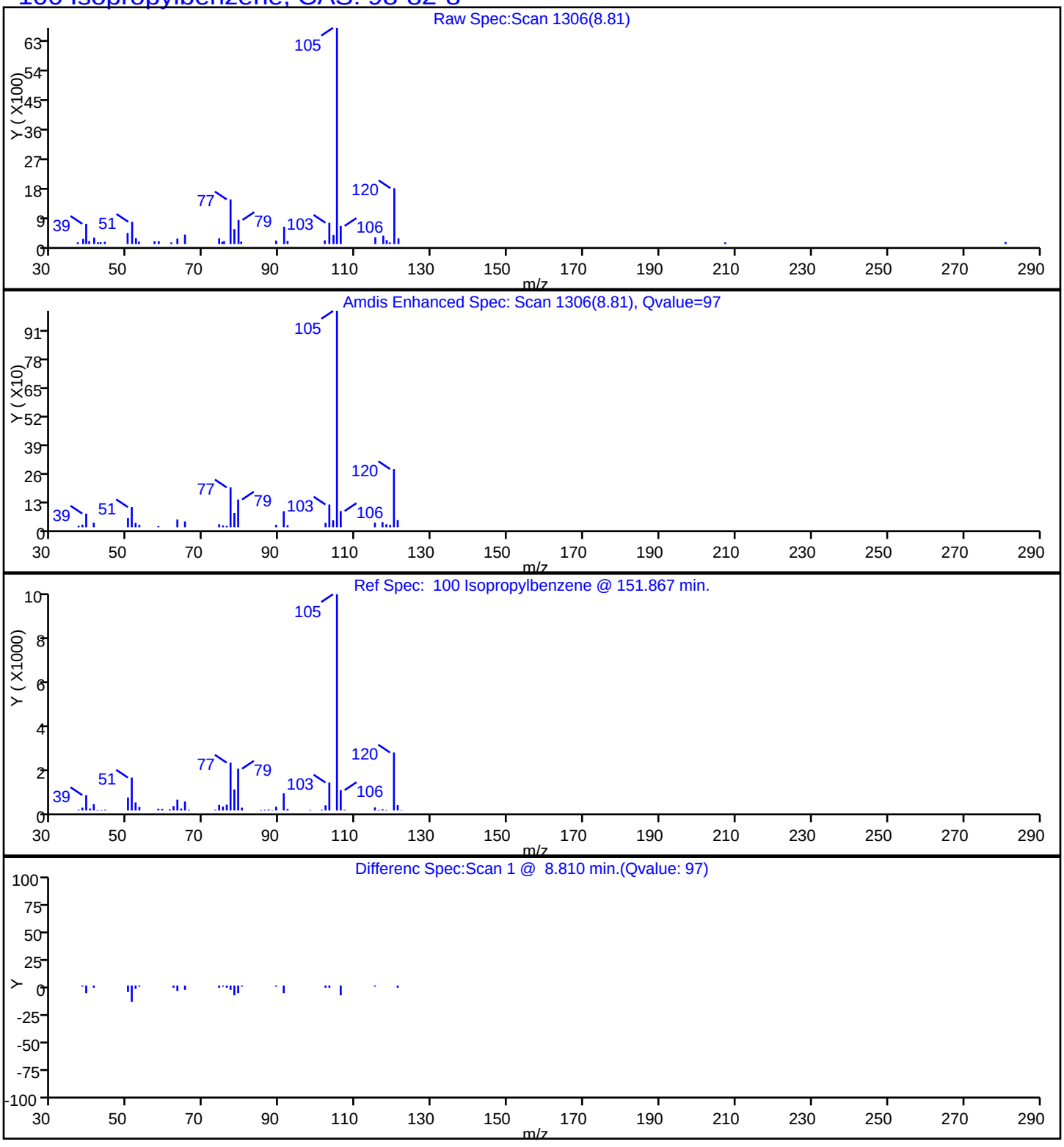
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

100 Isopropylbenzene, CAS: 98-82-8



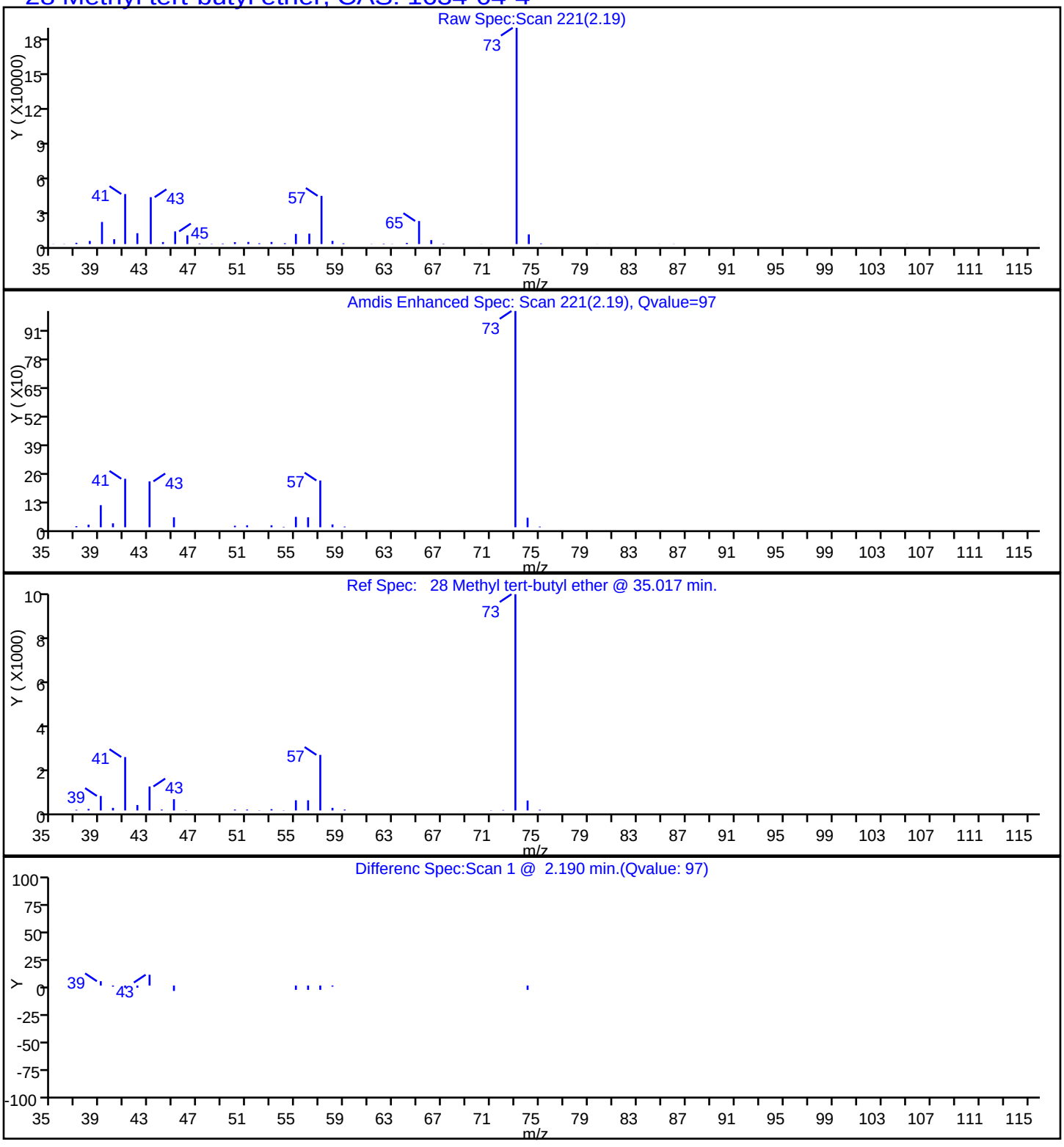
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

28 Methyl tert-butyl ether, CAS: 1634-04-4



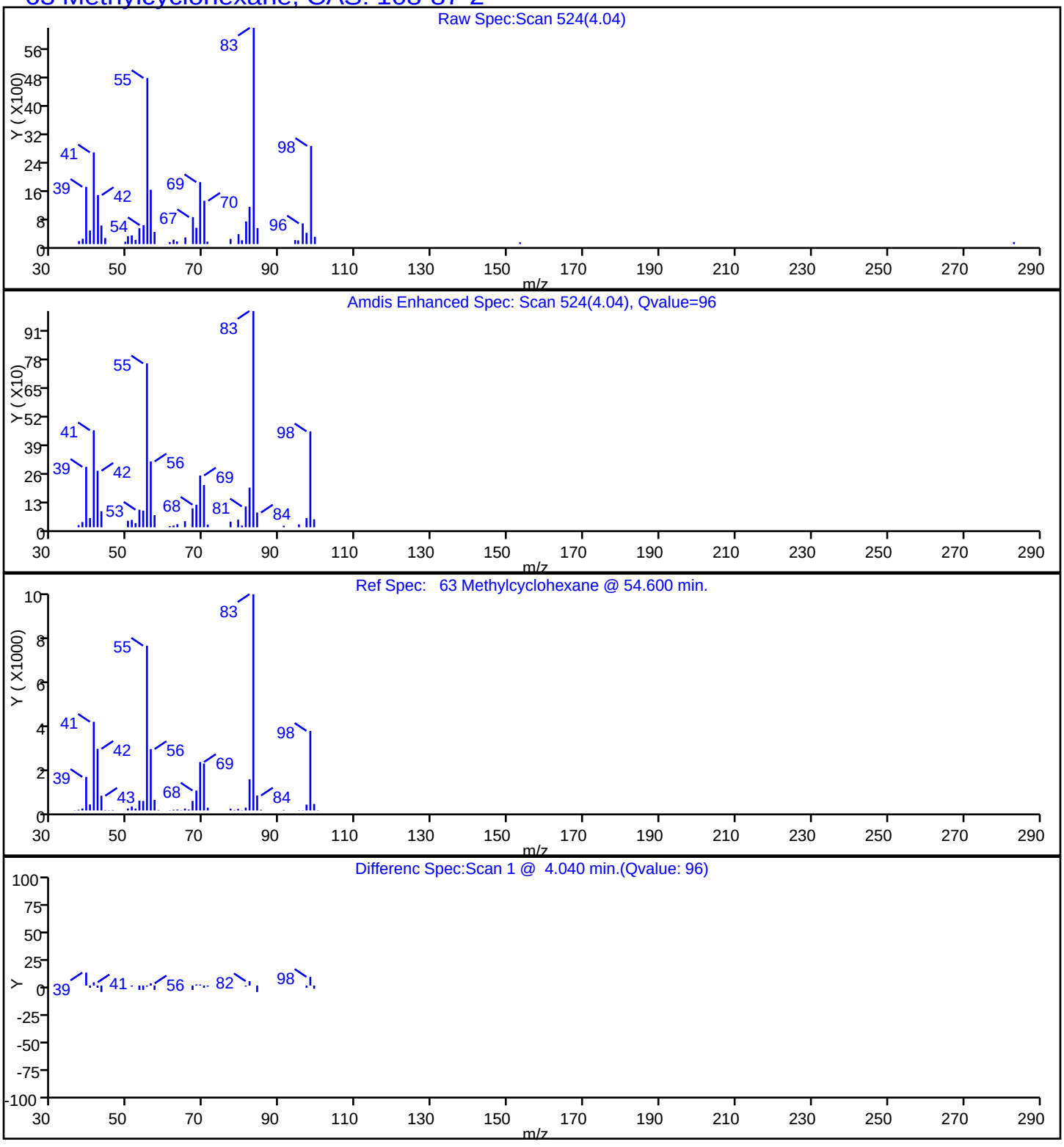
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10
Client ID:	MW-13		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



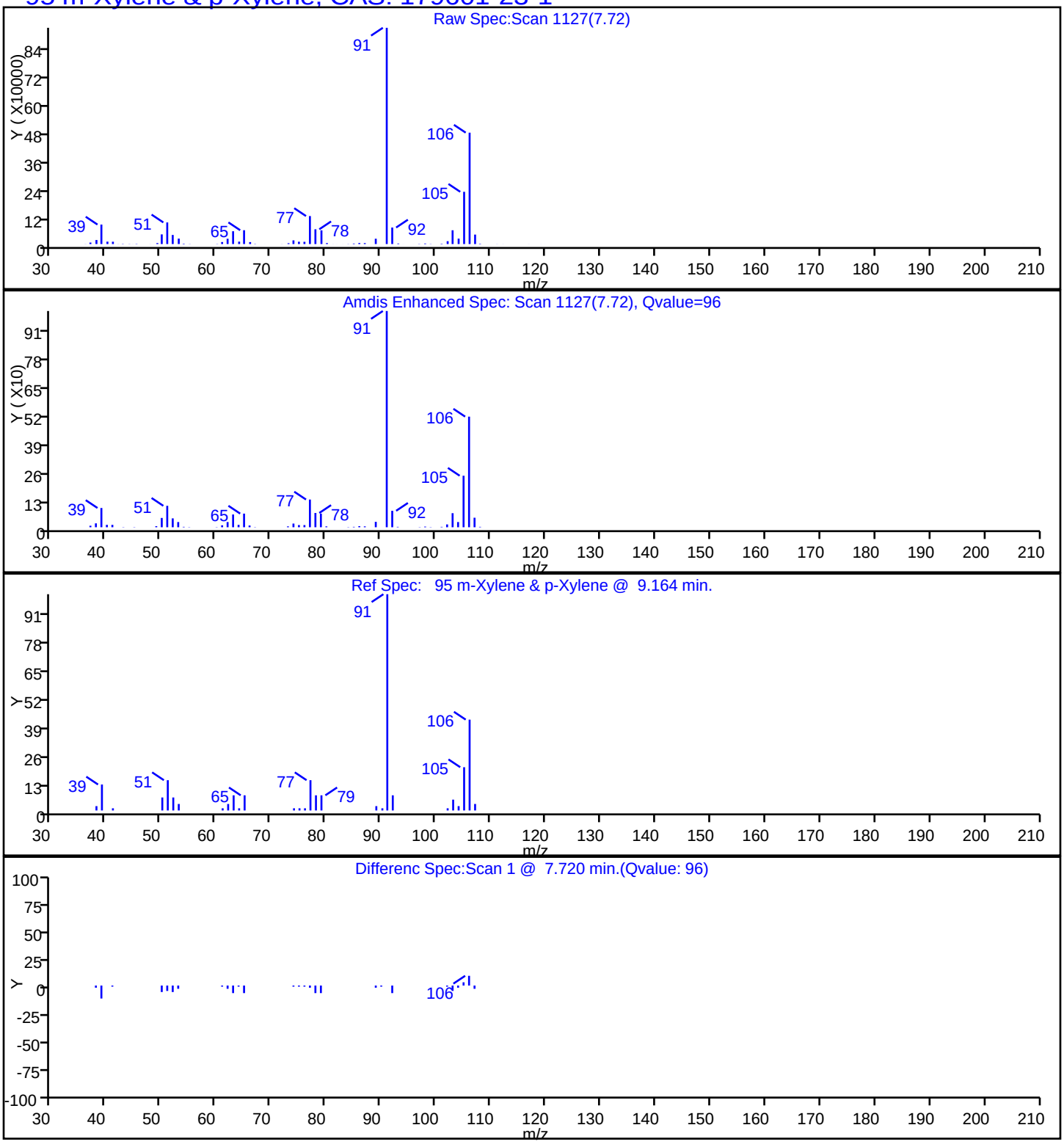
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



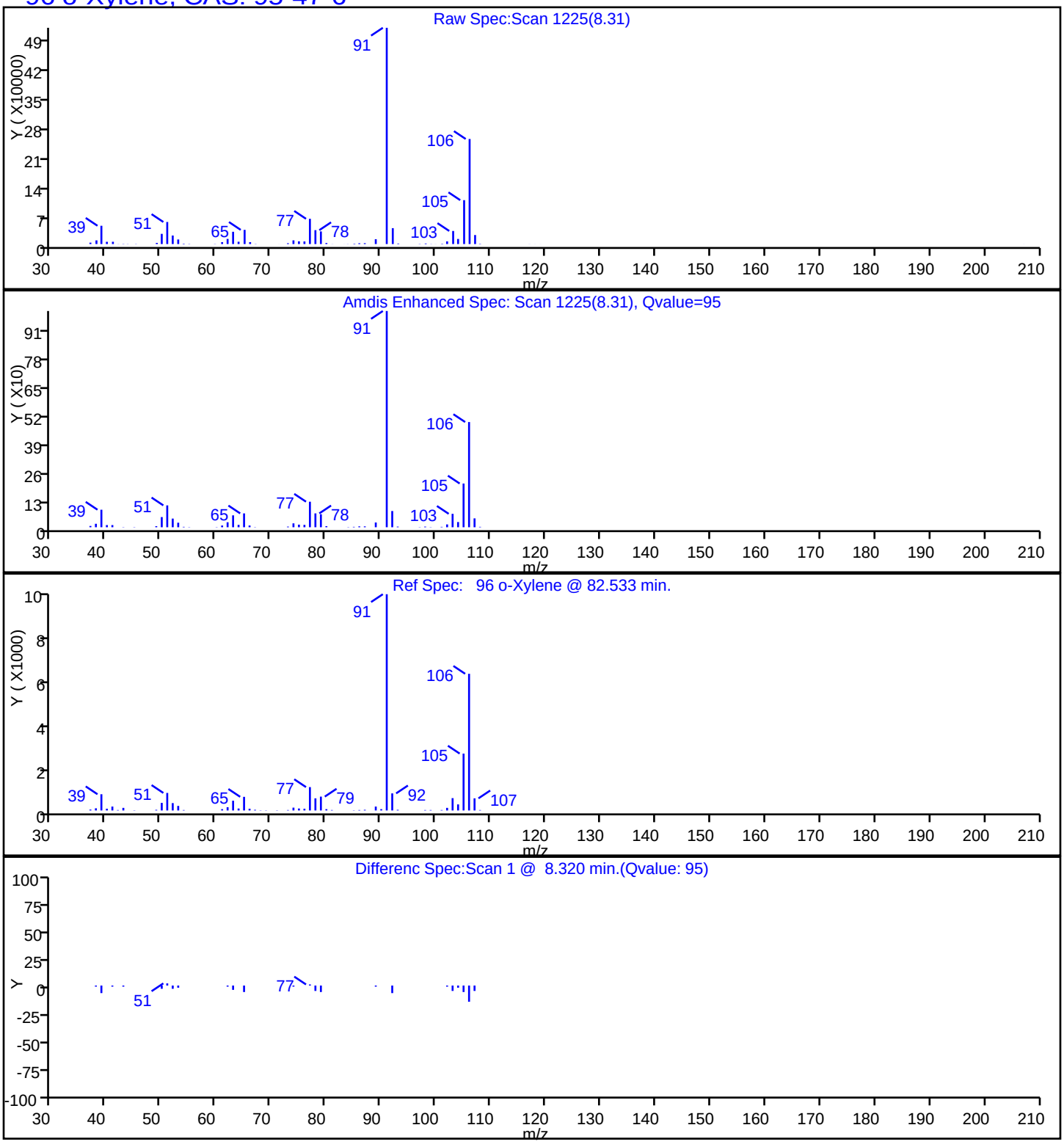
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



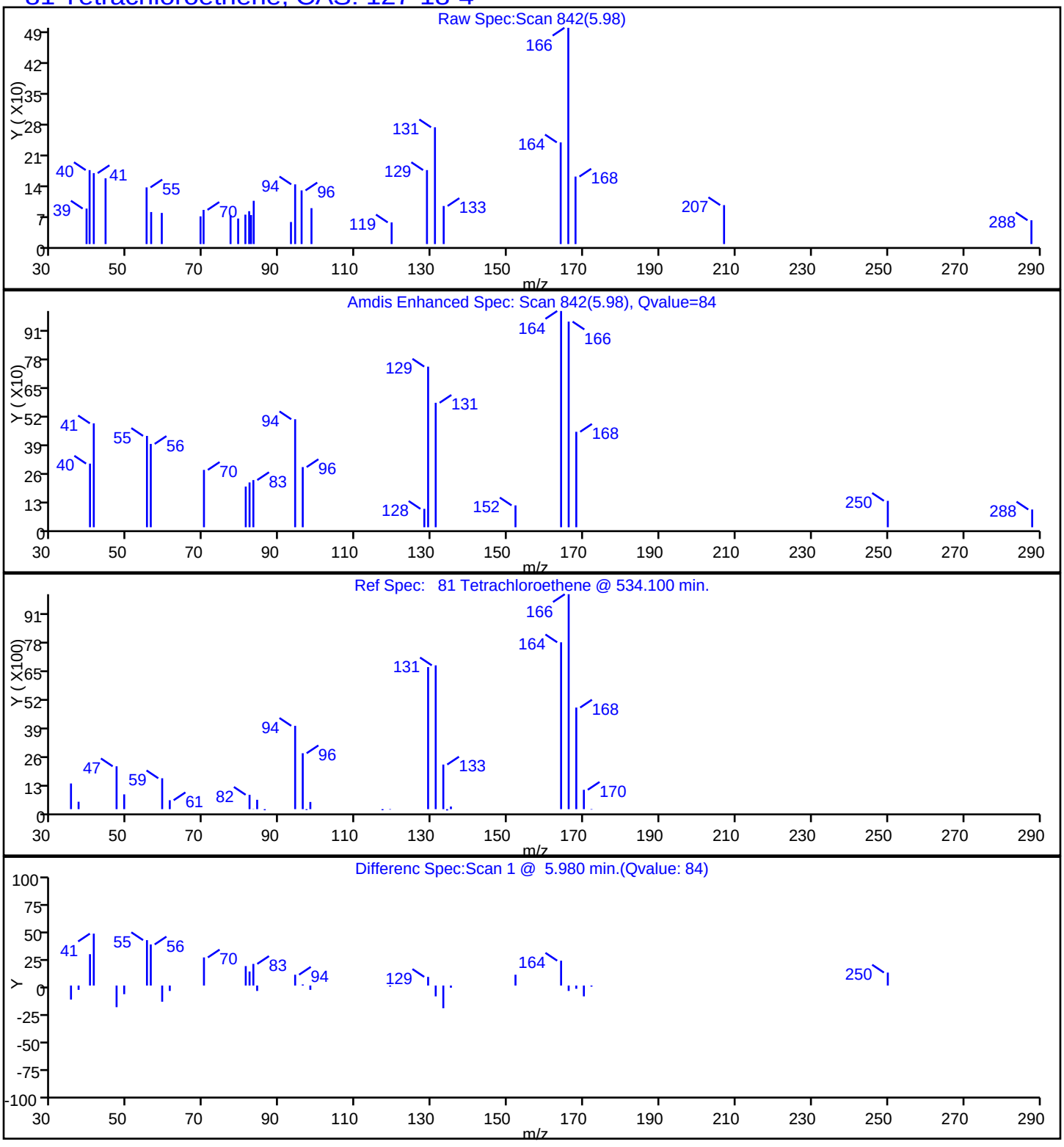
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



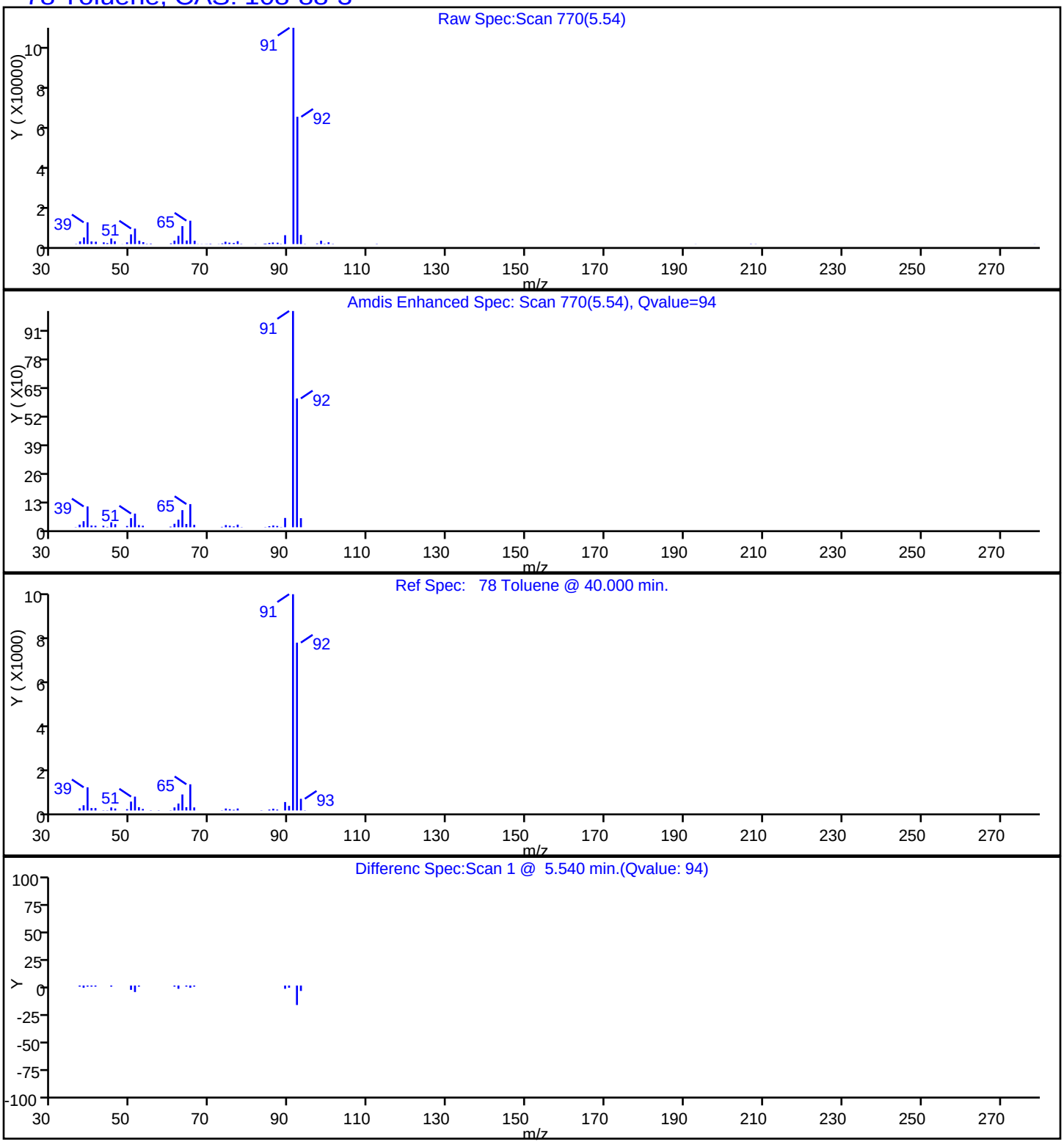
Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

78 Toluene, CAS: 108-88-3



Report Date: 12-Aug-2015 17:18:24 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

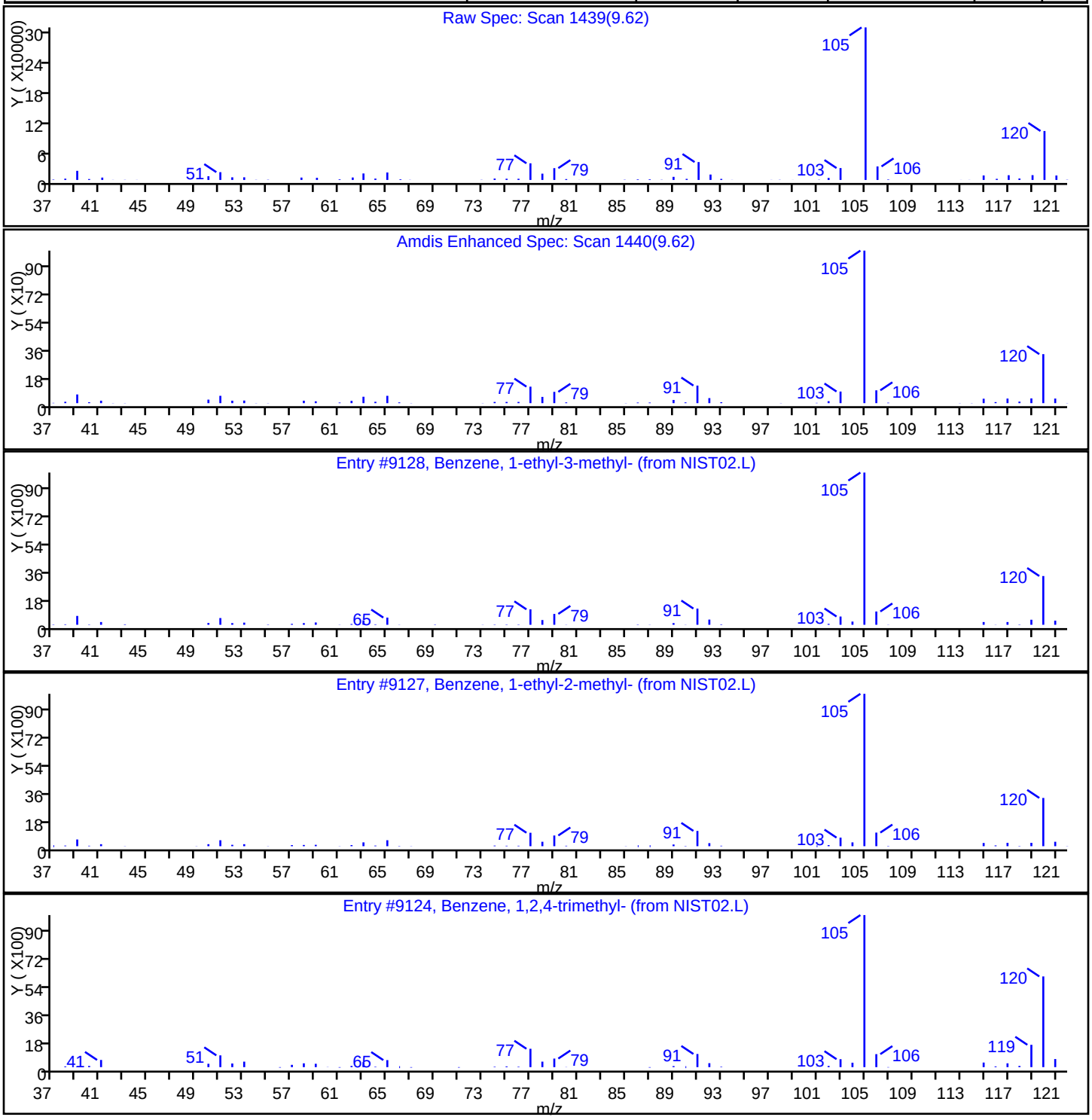
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02	9128	C9H12	120	95
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	C9H12	120	94
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9124	C9H12	120	91



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

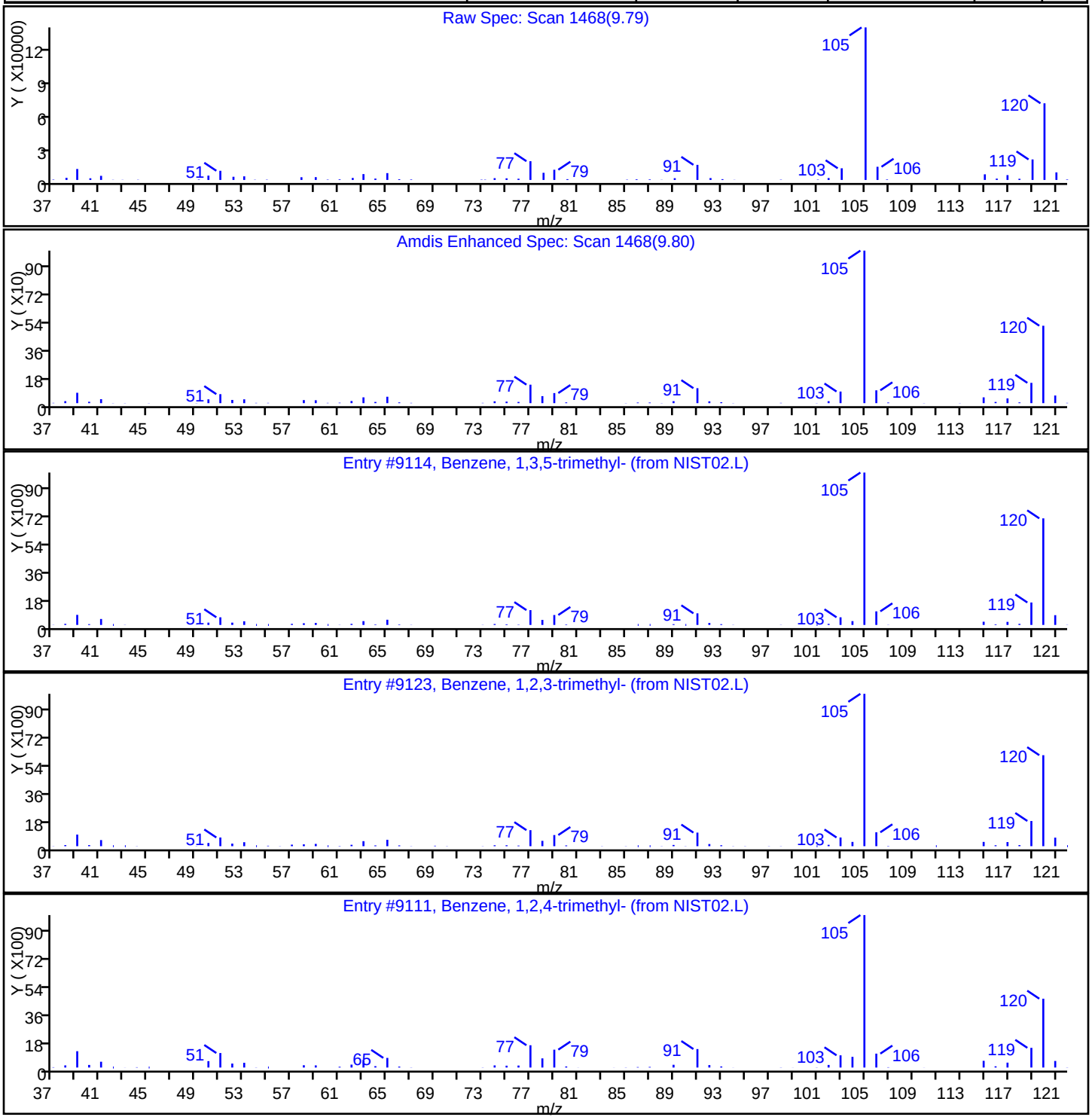
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02	9114	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	95
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	94



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

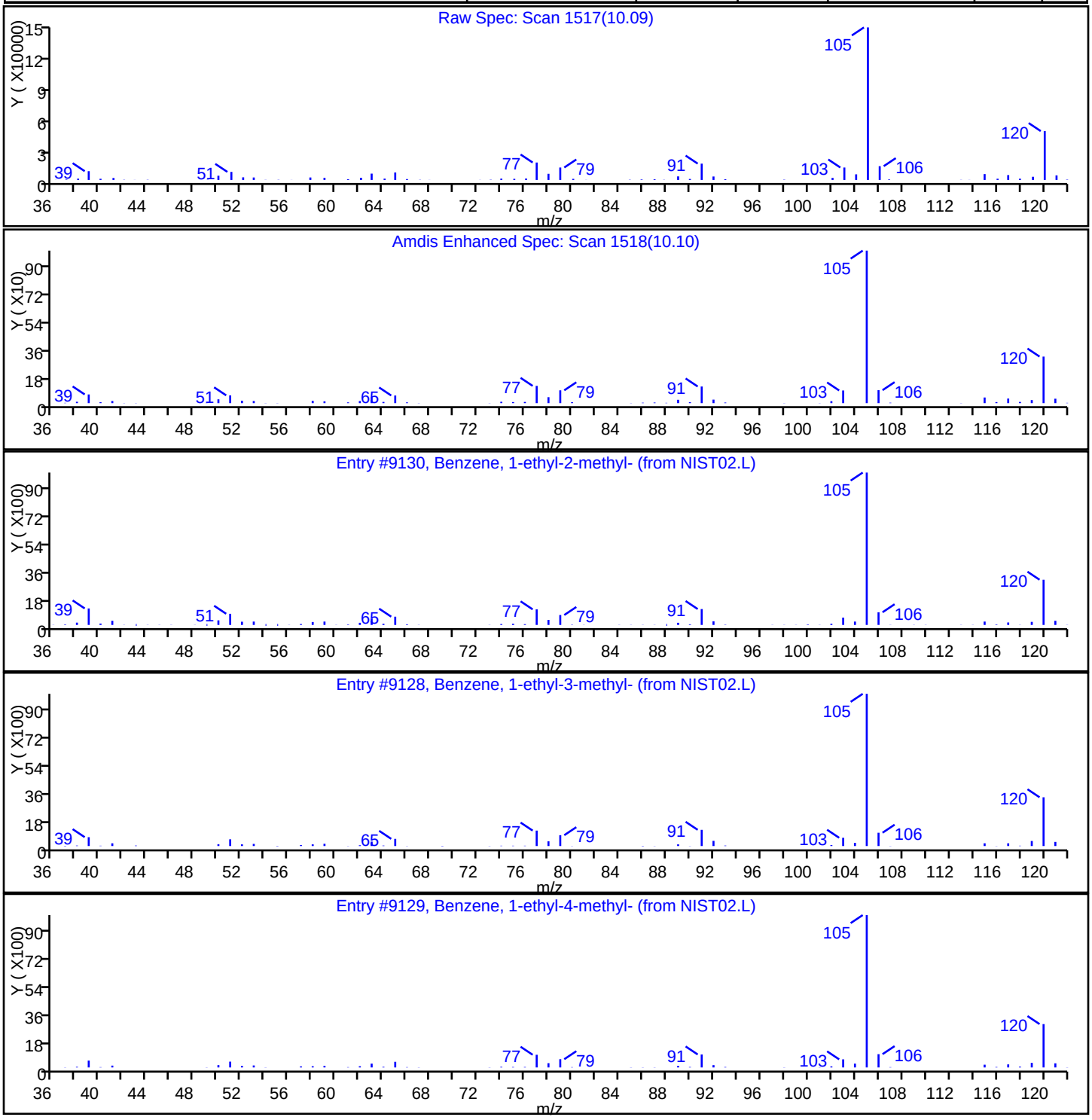
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02	9130	C9H12	120	93
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9128	C9H12	120	90
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9129	C9H12	120	90



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

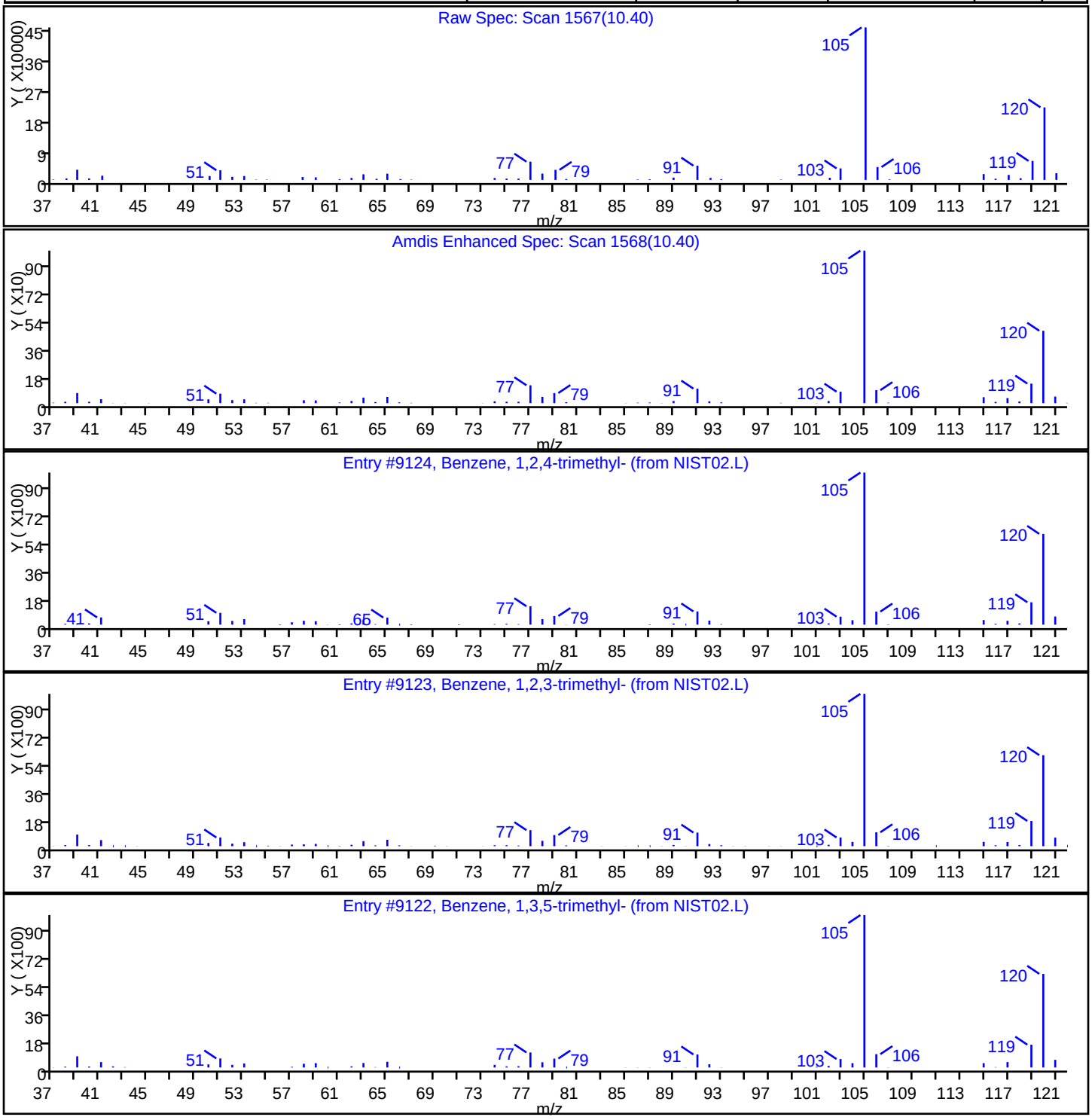
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02	9124	C9H12	120	94
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	95
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	C9H12	120	91



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

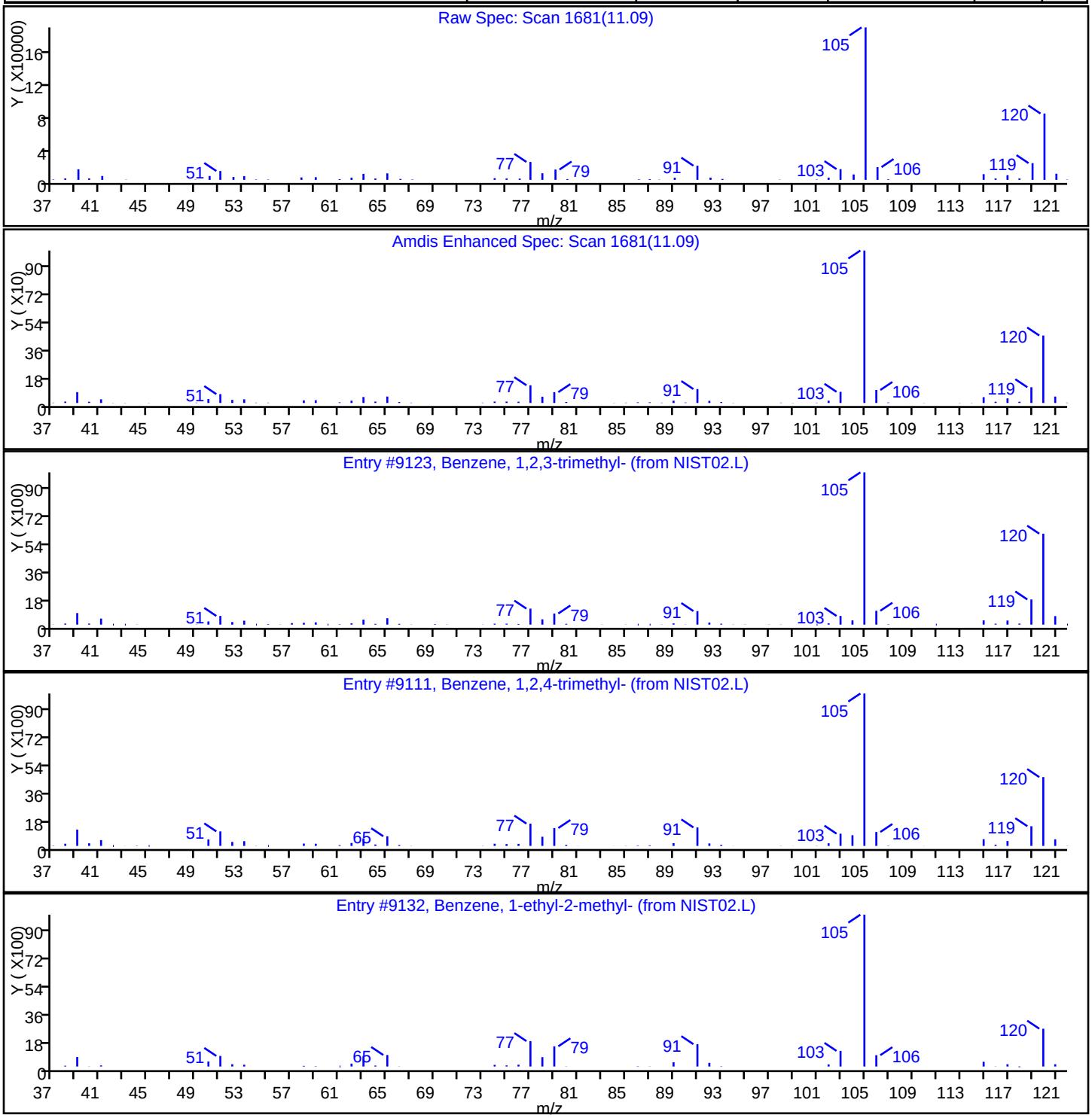
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02	9123	C9H12	120	94
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	94
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9132	C9H12	120	91



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

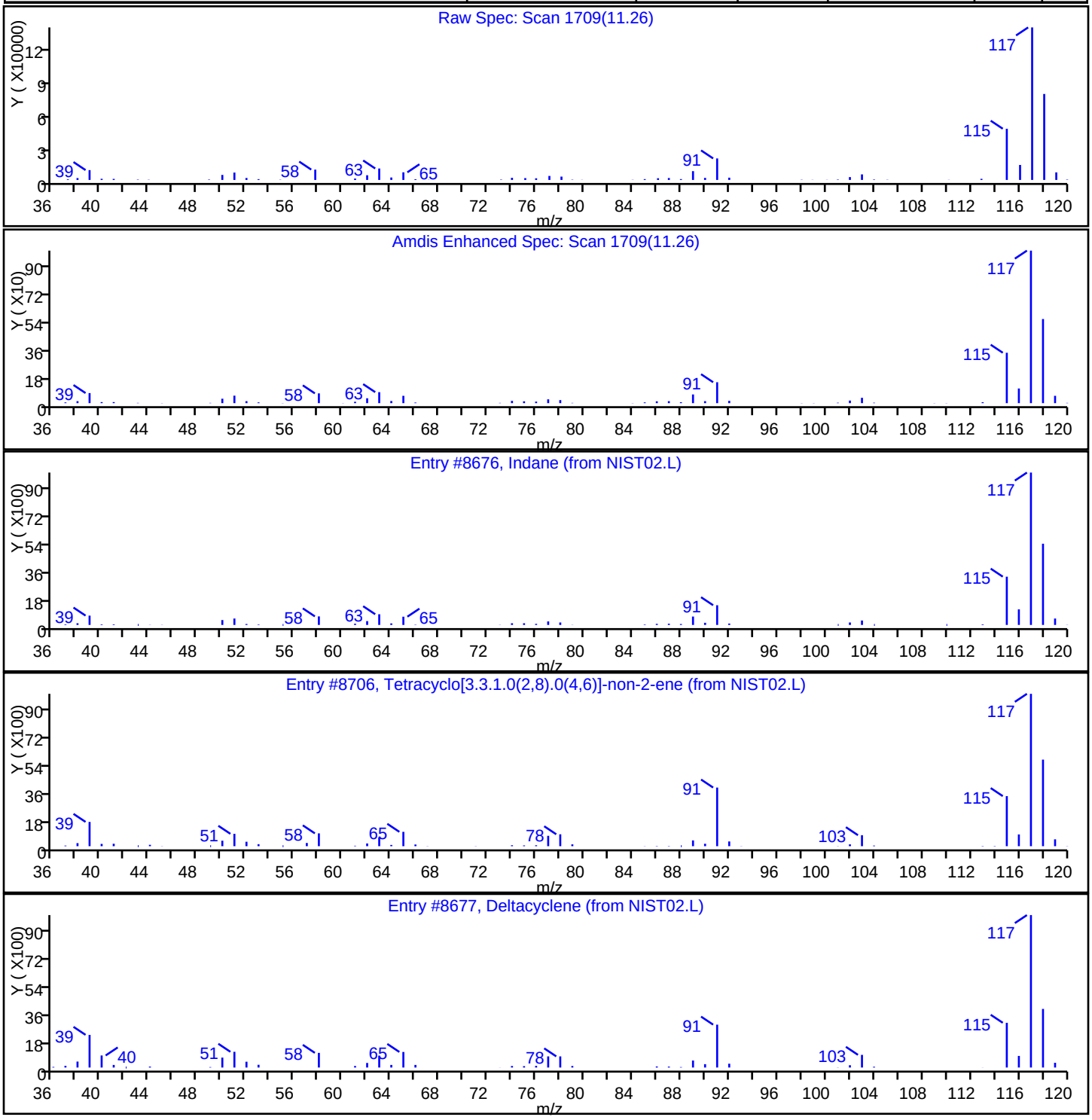
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02	8676	C9H10	118	95
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-en	1000191-13-7	NIST02.L	8706	C9H10	118	80
Deltacyclene	7785-10-6	NIST02.L	8677	C9H10	118	80



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

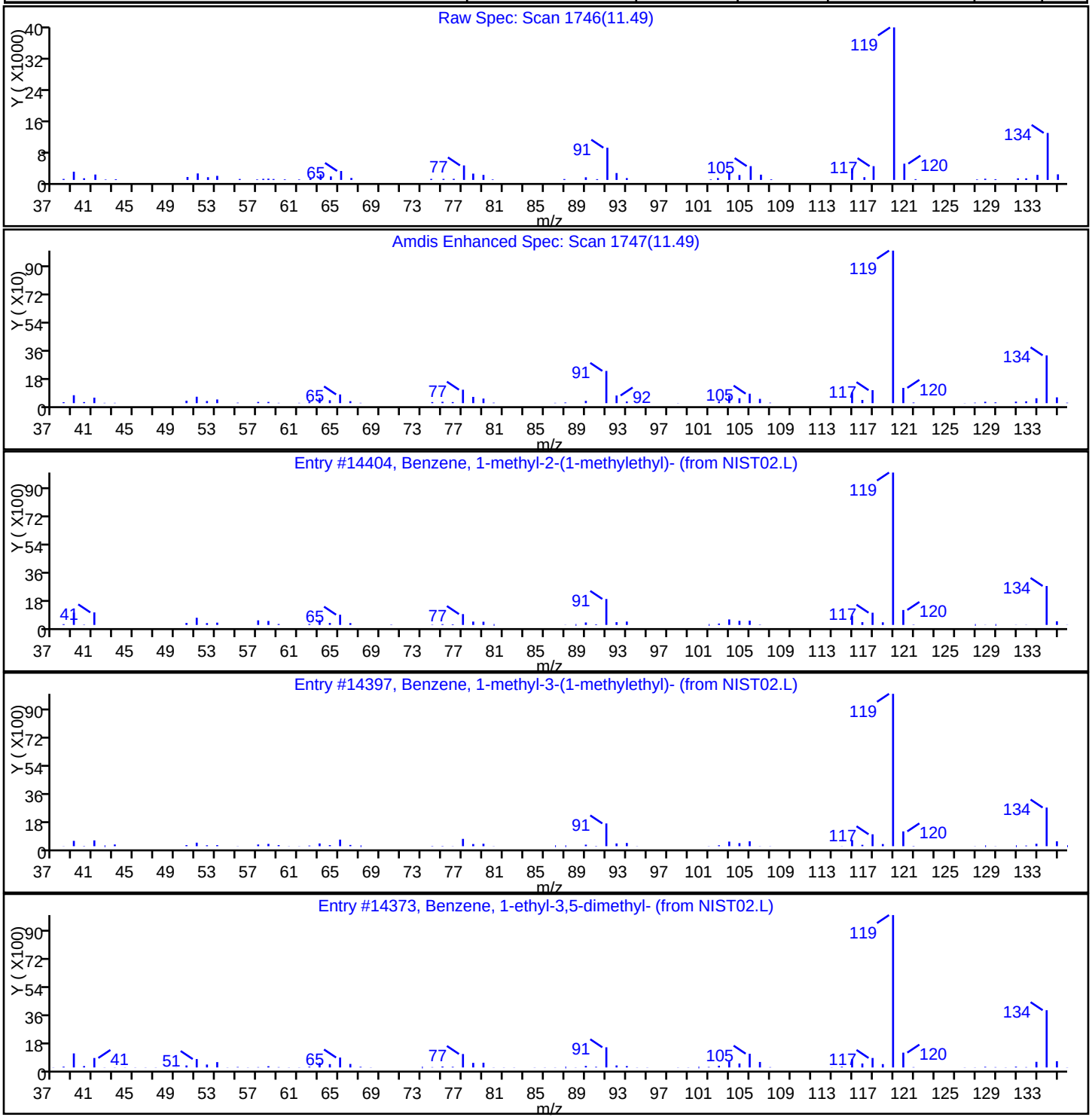
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02	14404	C10H14	134	94
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	C10H14	134	94
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14373	C10H14	134	94



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

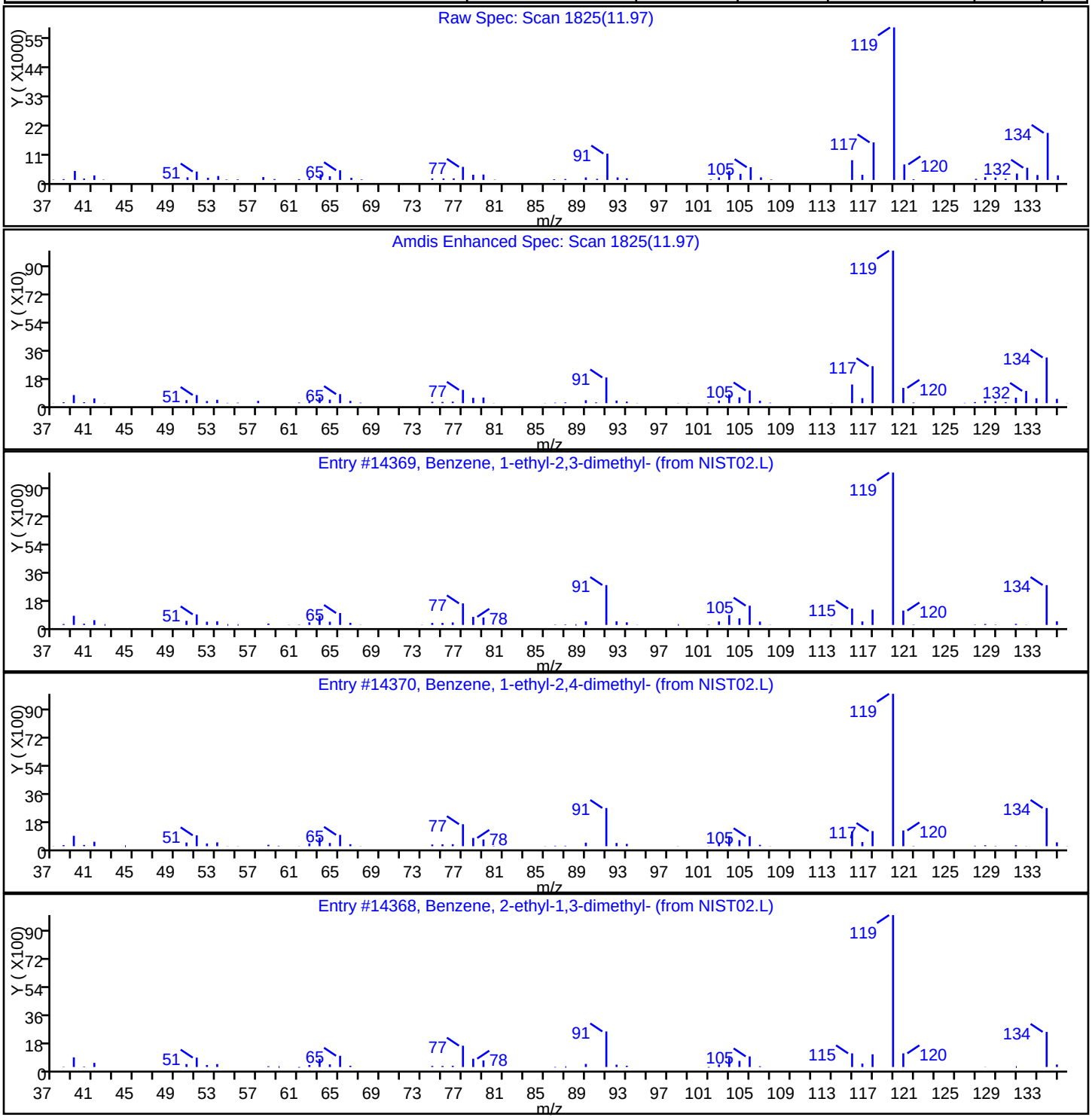
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02	14369	C10H14	134	93
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	93
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	93



Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date: 12-Aug-2015 15:44:30 Instrument ID: CVOAMS13

Lims ID: 460-99291-B-10 Lab Sample ID: 460-99291-10

Client ID: MW-13

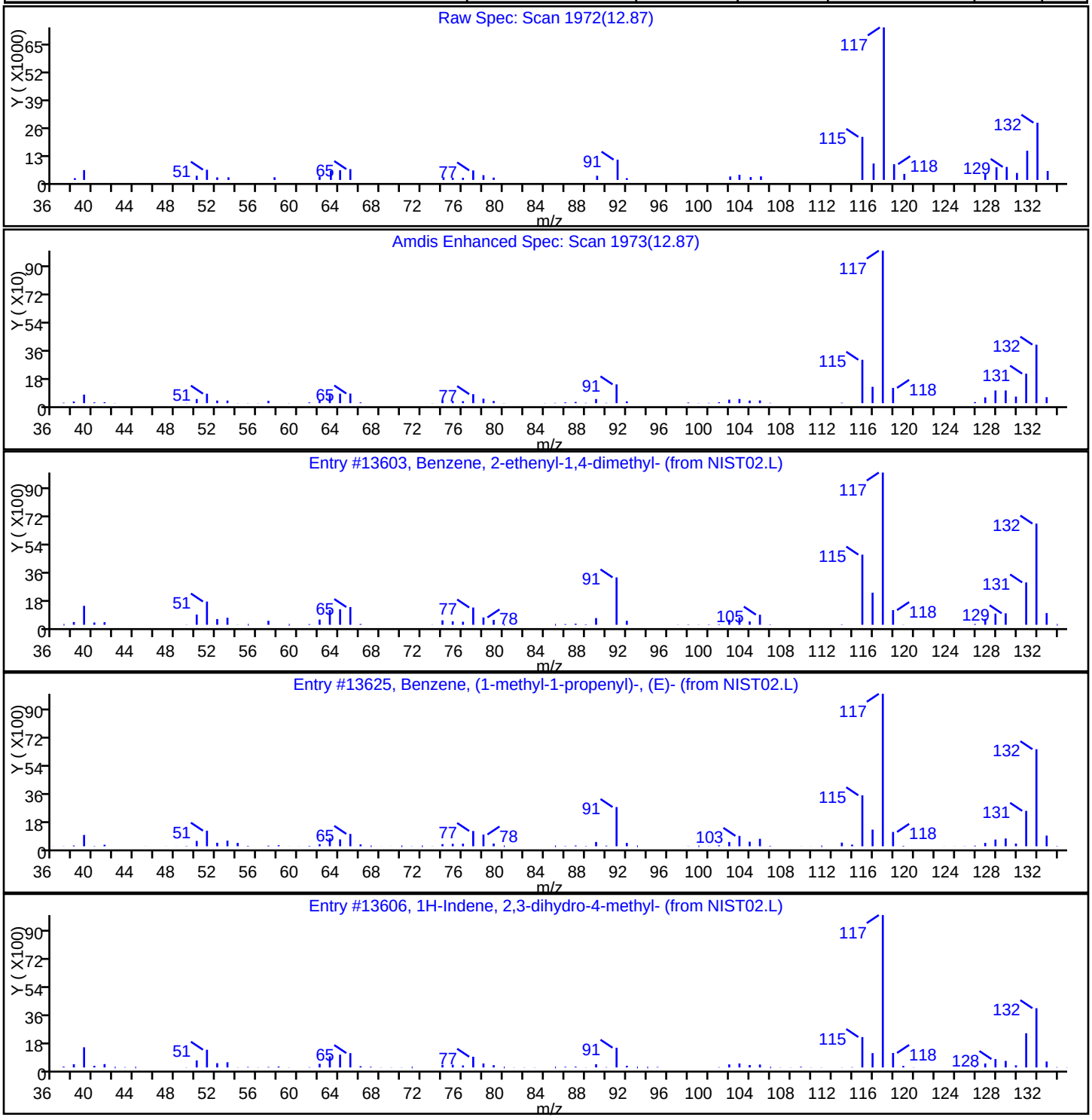
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02	13603	C10H12	132	93
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	C10H12	132	91
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.L	13606	C10H12	132	90



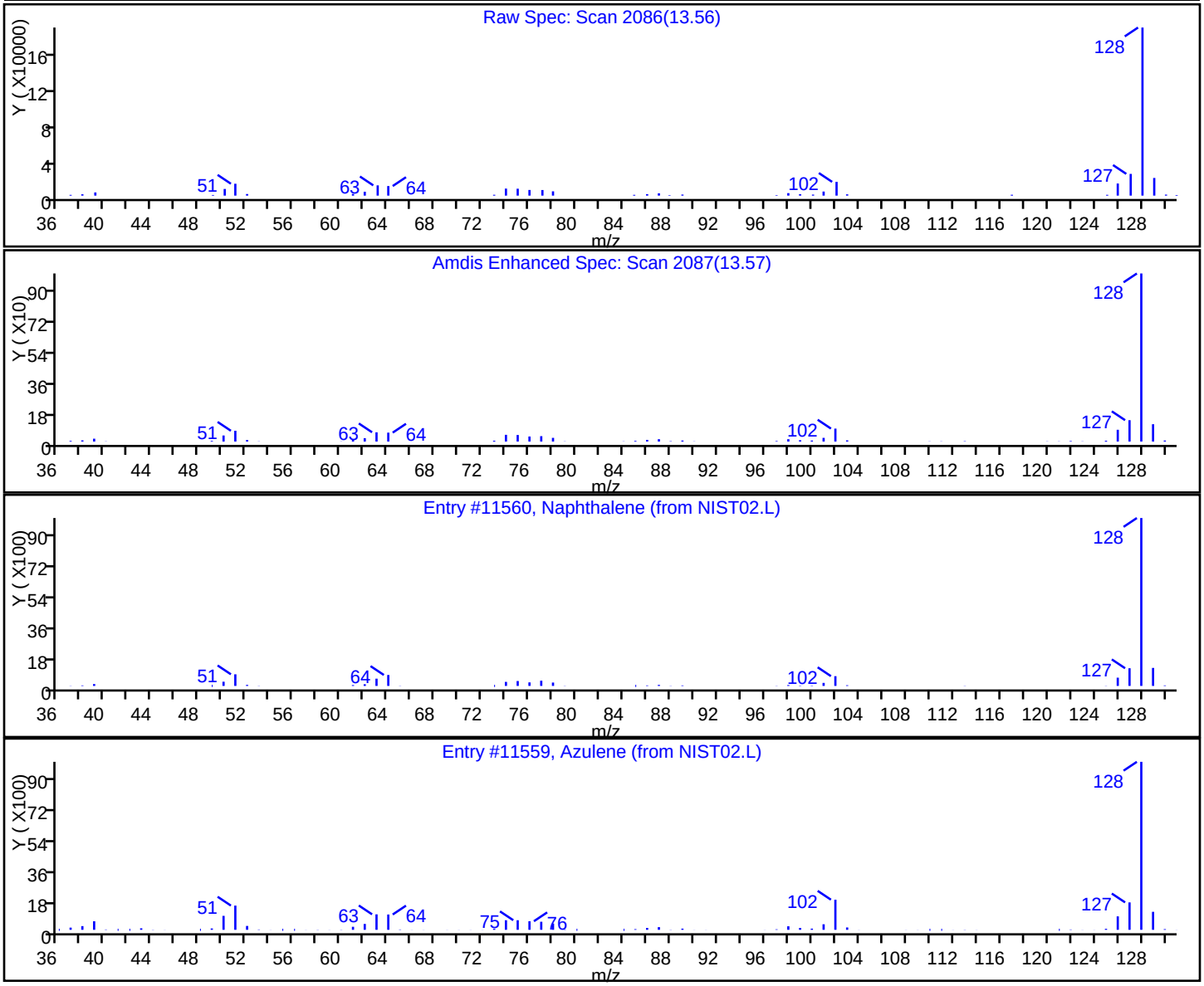
Report Date: 12-Aug-2015 17:18:25 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02304.D

Injection Date:	12-Aug-2015 15:44:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-10	Lab Sample ID:	460-99291-10		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02	11560	C10H8	128	94
Azulene	275-51-4	NIST02.L	11559	C10H8	128	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-11 | Lab Sample ID: 460-99291-11

Matrix: Water | Lab File ID: P02290.D

Analysis Method: 8260C | Date Collected: 08/04/2015 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:52

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-11 | Lab Sample ID: 460-99291-11

Matrix: Water | Lab File ID: P02290.D

Analysis Method: 8260C | Date Collected: 08/04/2015 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:52

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-11 | Lab Sample ID: 460-99291-11

Matrix: Water | Lab File ID: P02290.D

Analysis Method: 8260C | Date Collected: 08/04/2015 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:52

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02290.D
Lims ID: 460-99291-A-11 Lab Sample ID: 460-99291-11
Client ID: FB-11
Sample Type: Client
Inject. Date: 12-Aug-2015 09:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-A-11
Misc. Info.: 460-0030650-008
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 20:55:18 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: kluseys Date: 12-Aug-2015 20:55:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	337567	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	96158	45.3	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	320968	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	122147	47.7	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	513076	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	94	33242	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	382660	49.9	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	357909	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	116831	42.8	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	197756	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

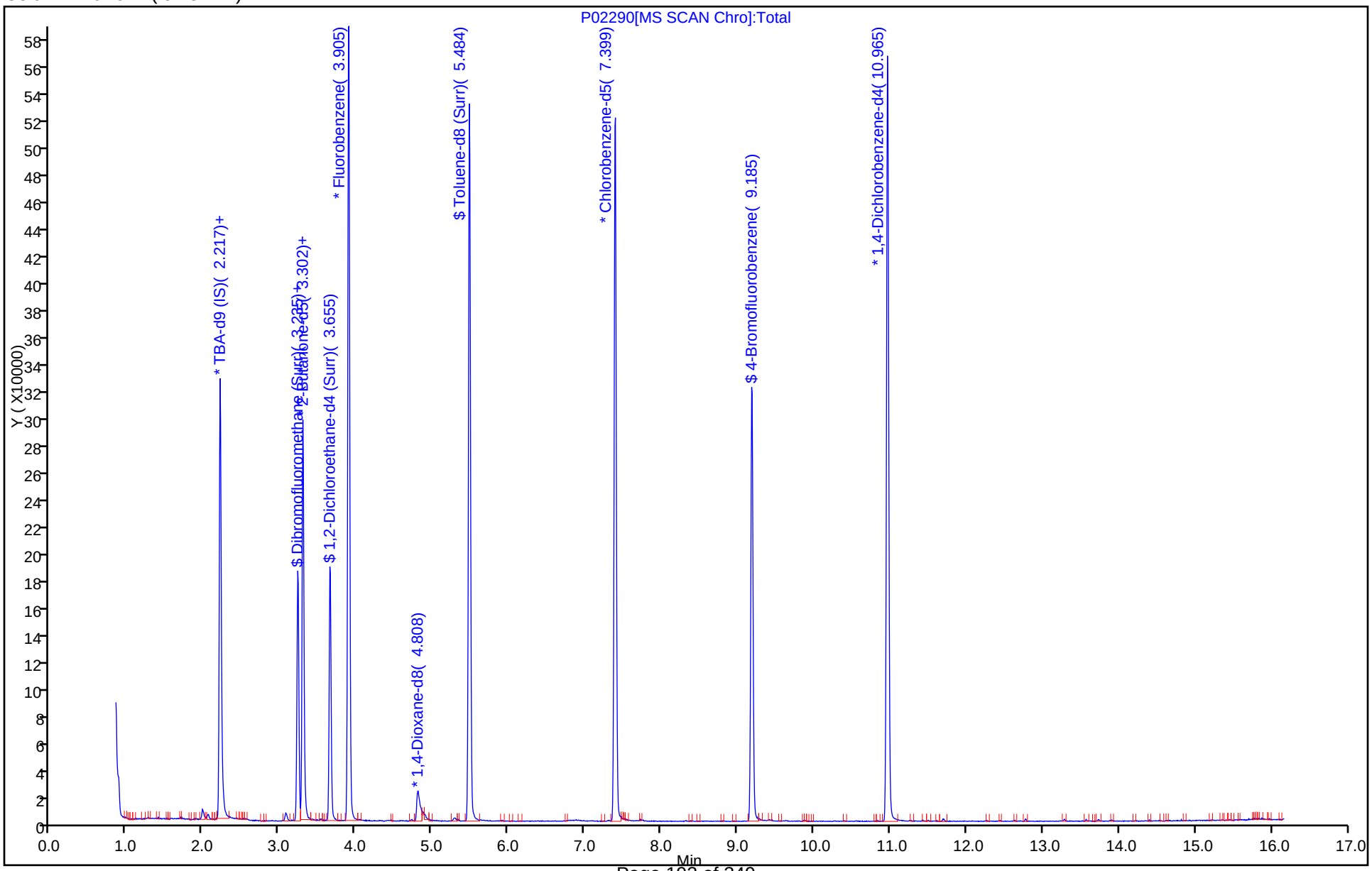
Report Date: 12-Aug-2015 20:55:20 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02290.D

Injection Date:	12-Aug-2015 09:52:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-A-11	Lab Sample ID:	460-99291-11	Worklist Smp#:	8
Client ID:	FB-11				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-99291-12

Matrix: Water | Lab File ID: P02298.D

Analysis Method: 8260C | Date Collected: 08/04/2015 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 13:13

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	0.54	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-99291-12

Matrix: Water | Lab File ID: P02298.D

Analysis Method: 8260C | Date Collected: 08/04/2015 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 13:13

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	0.15	J	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.88	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	93		72-137
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-15 Lab Sample ID: 460-99291-12

Matrix: Water Lab File ID: P02298.D

Analysis Method: 8260C Date Collected: 08/04/2015 10:50

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 13:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02298.D
Lims ID: 460-99291-B-12 Lab Sample ID: 460-99291-12
Client ID: MW-15
Sample Type: Client
Inject. Date: 12-Aug-2015 13:13:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-12
Misc. Info.: 460-0030650-016
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:50:31 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:50:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Methyl tert-butyl ether	73	2.193	2.199	-0.006	87	1156	0.1537	
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	268697	1000.0	
39 cis-1,2-Dichloroethene	96	2.900	2.894	0.006	95	1392	0.5419	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	96	93283	46.4	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	271203	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	117090	48.3	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	485970	50.0	
64 Trichloroethene	130	4.052	4.058	-0.006	93	2281	0.8836	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	91	27888	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	368508	50.0	
81 Tetrachloroethene	166	5.985	5.984	0.001	96	2535	1.01	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	343945	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	115694	44.1	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	194195	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

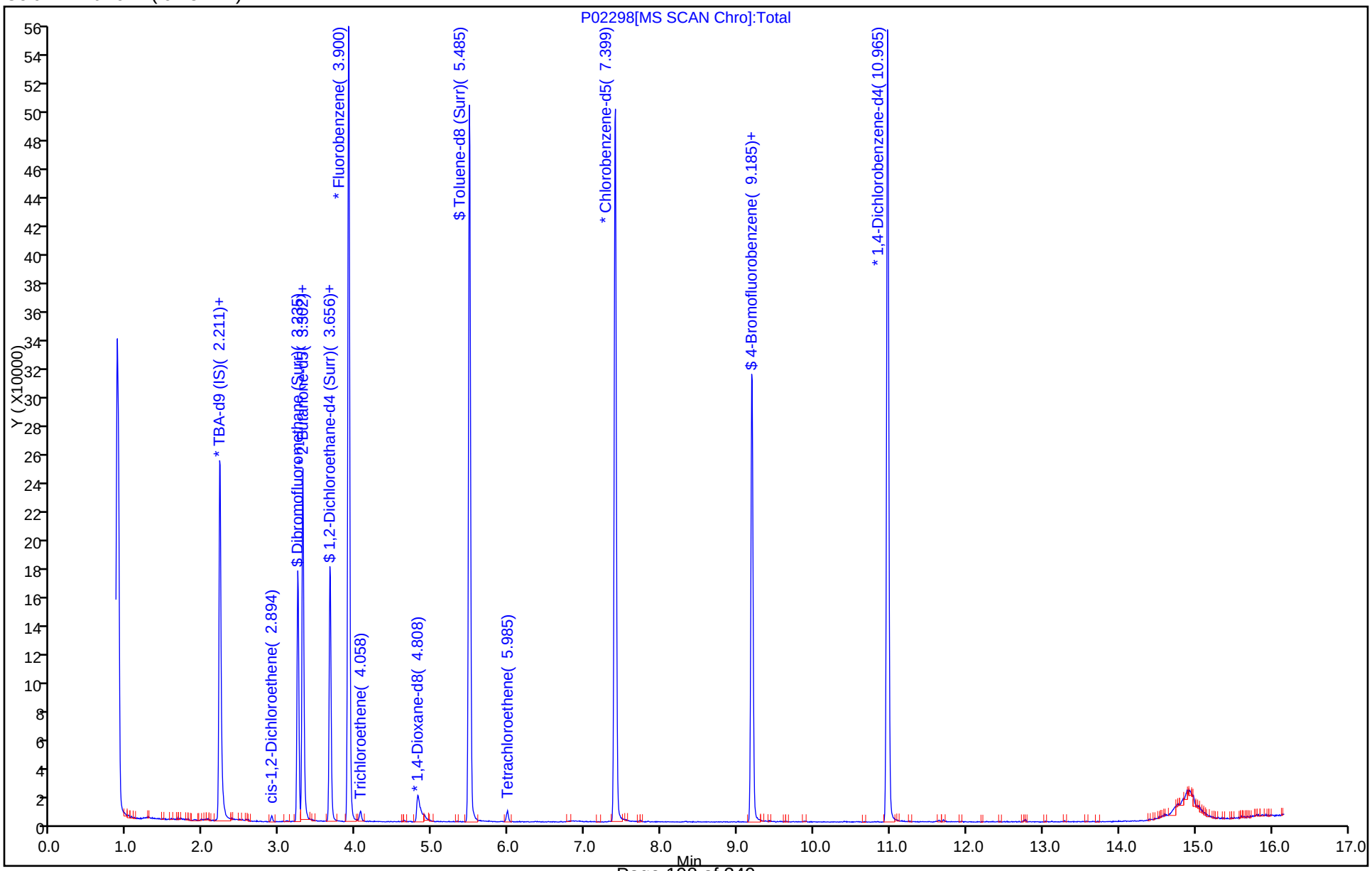
Report Date: 12-Aug-2015 16:50:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02298.D

Injection Date:	12-Aug-2015 13:13:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-12	Lab Sample ID:	460-99291-12	Worklist Smp#:	16
Client ID:	MW-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



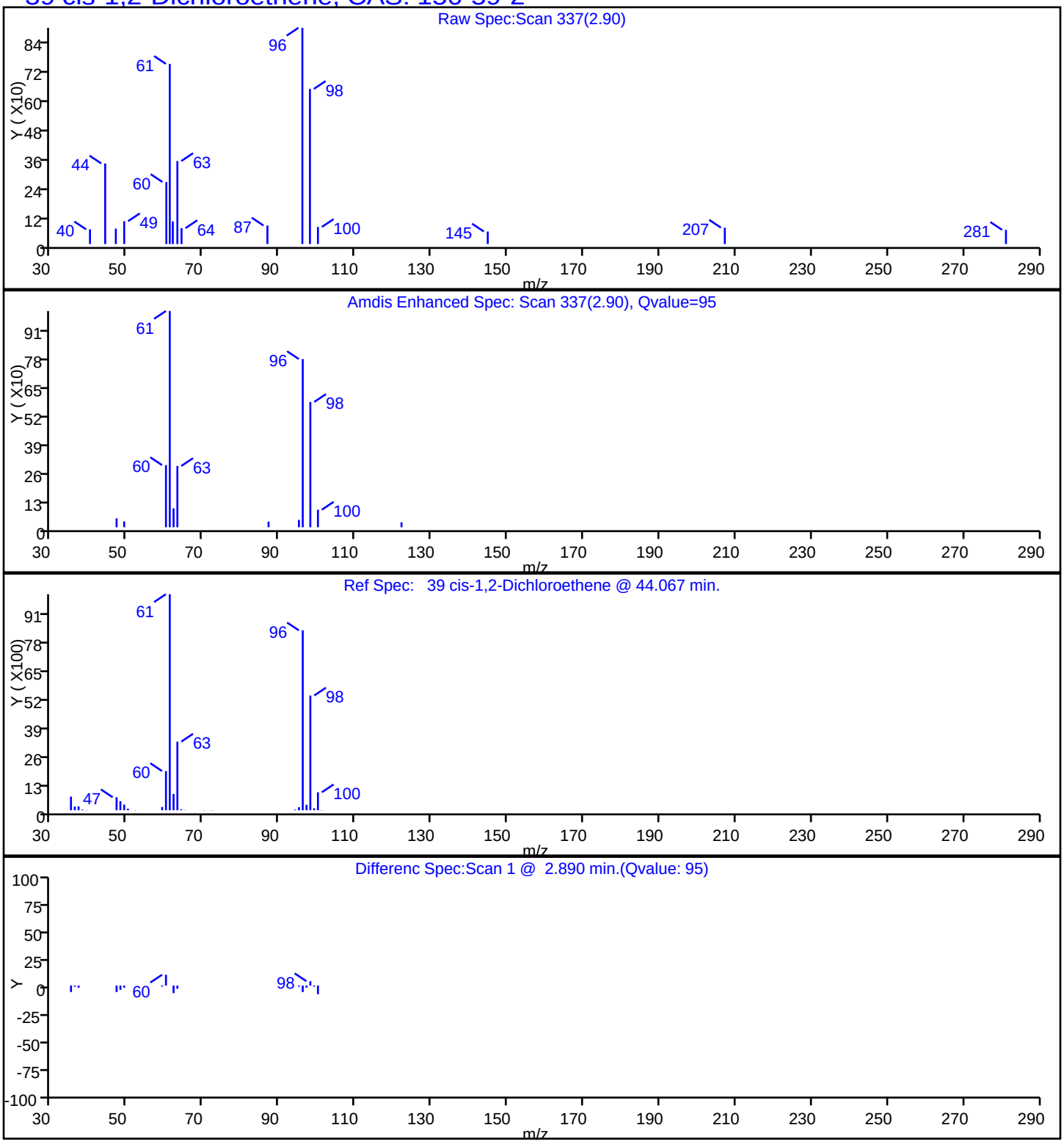
Report Date: 12-Aug-2015 16:50:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02298.D

Injection Date:	12-Aug-2015 13:13:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-12	Lab Sample ID:	460-99291-12		
Client ID:	MW-15				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



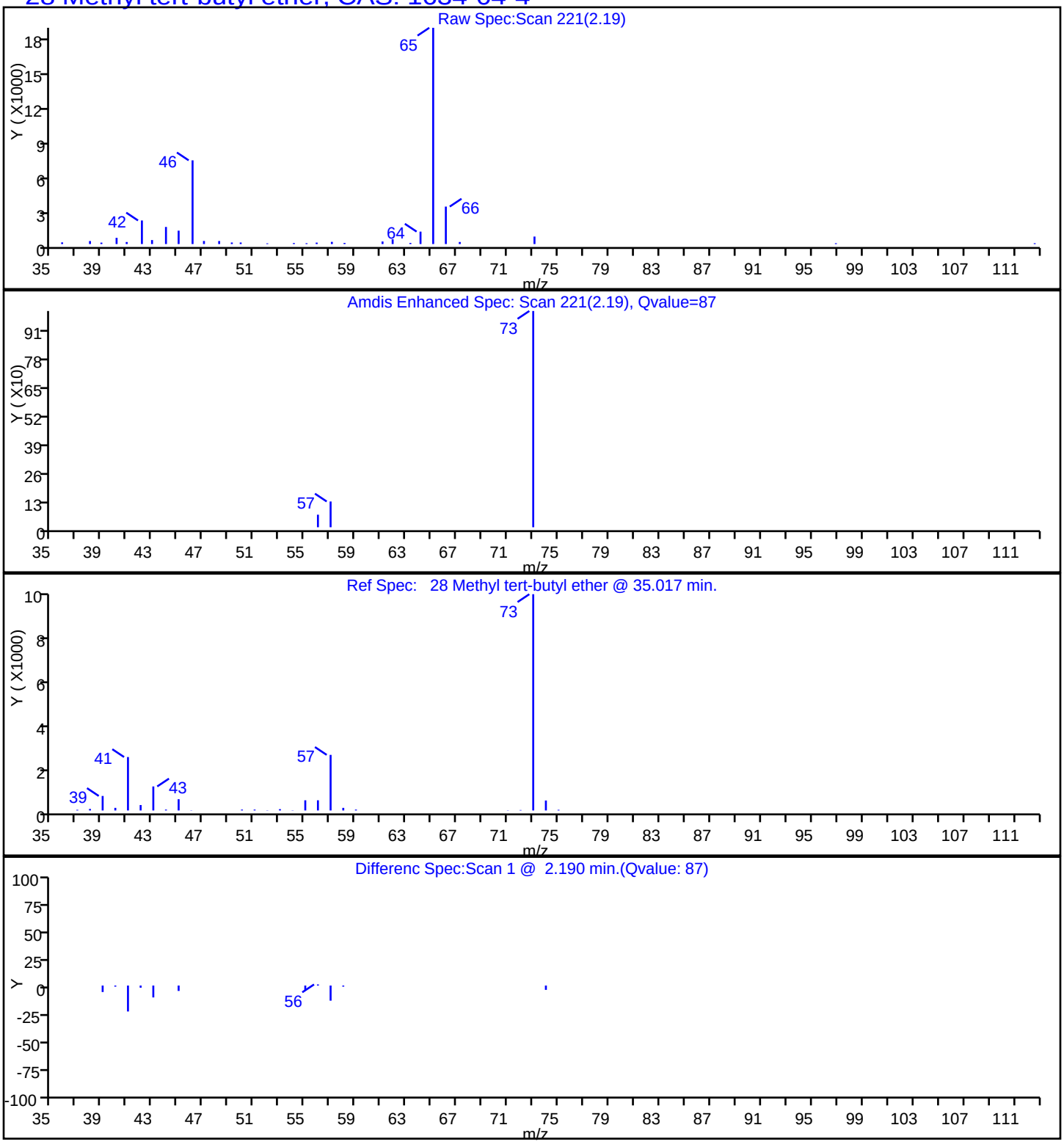
Report Date: 12-Aug-2015 16:50:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02298.D

Injection Date:	12-Aug-2015 13:13:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-B-12	Lab Sample ID:	460-99291-12
Client ID:	MW-15		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

28 Methyl tert-butyl ether, CAS: 1634-04-4



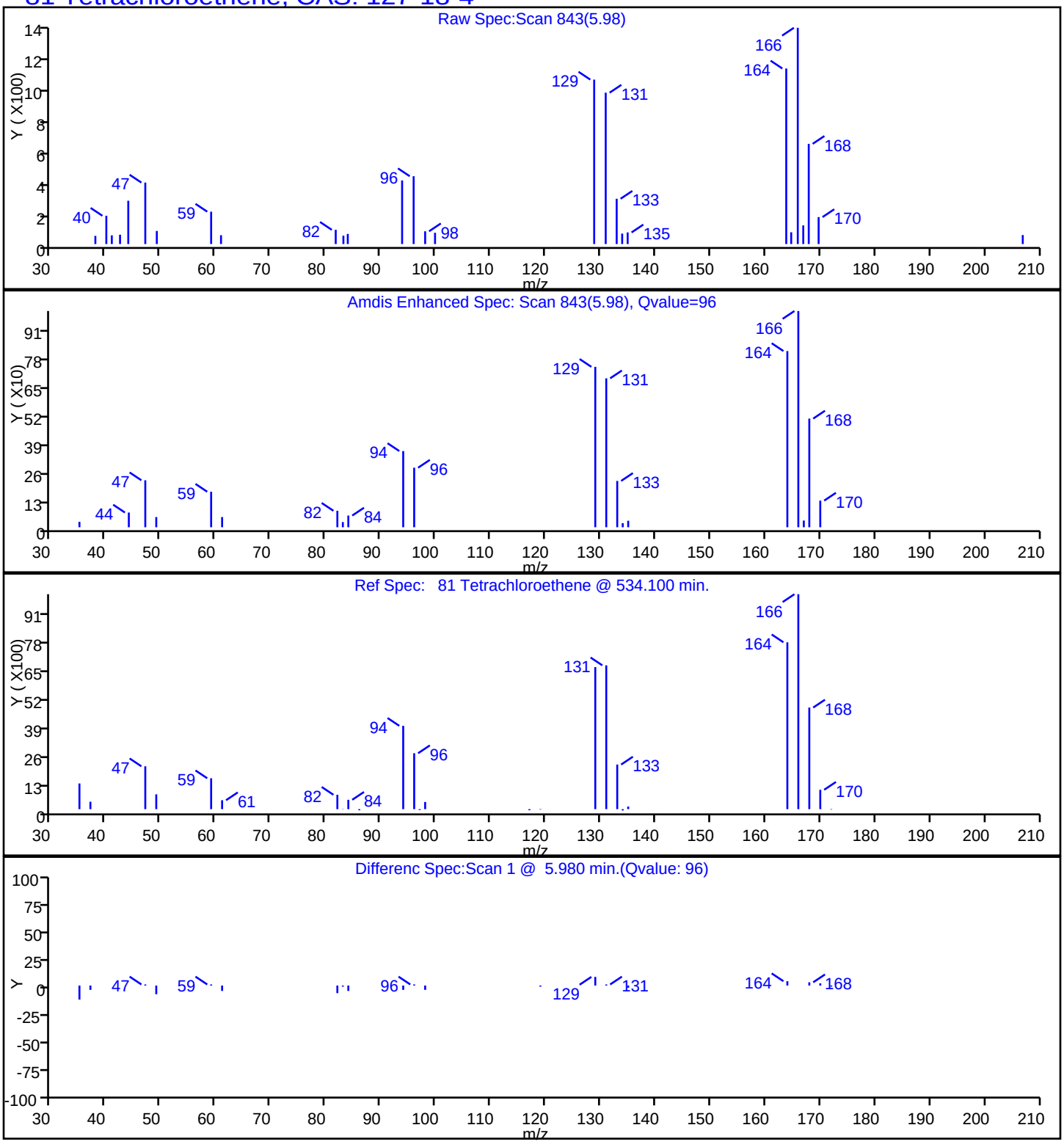
Report Date: 12-Aug-2015 16:50:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02298.D

Injection Date:	12-Aug-2015 13:13:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-12	Lab Sample ID:	460-99291-12		
Client ID:	MW-15				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



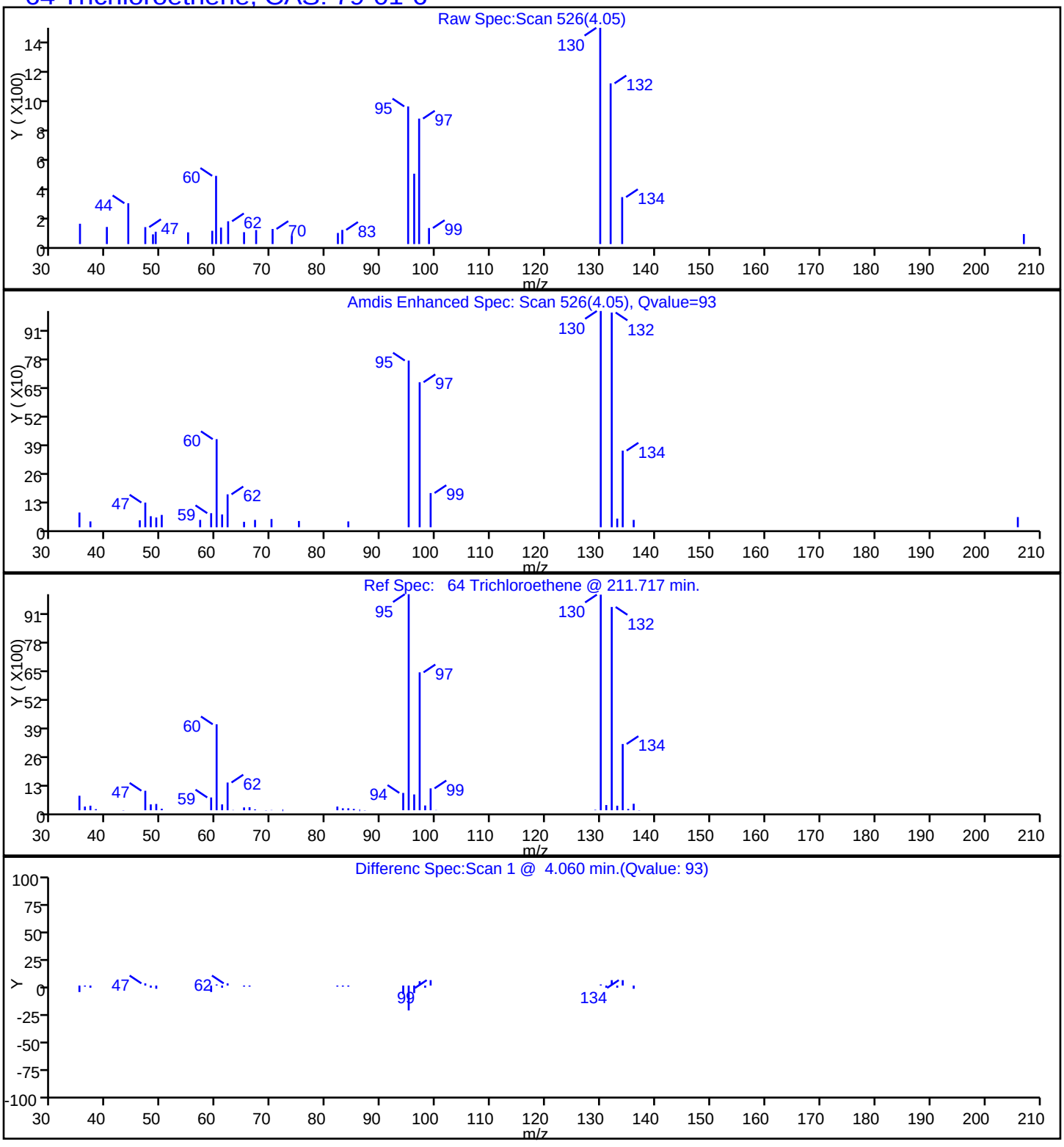
Report Date: 12-Aug-2015 16:50:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02298.D

Injection Date:	12-Aug-2015 13:13:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-B-12	Lab Sample ID:	460-99291-12		
Client ID:	MW-15				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-05 | Lab Sample ID: 460-99291-13

Matrix: Water | Lab File ID: P02299.D

Analysis Method: 8260C | Date Collected: 08/04/2015 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 13:38

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.30	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-05 | Lab Sample ID: 460-99291-13

Matrix: Water | Lab File ID: P02299.D

Analysis Method: 8260C | Date Collected: 08/04/2015 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 13:38

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.56	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-05 Lab Sample ID: 460-99291-13

Matrix: Water Lab File ID: P02299.D

Analysis Method: 8260C Date Collected: 08/04/2015 12:10

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 13:38

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02299.D
Lims ID: 460-99291-A-13 Lab Sample ID: 460-99291-13
Client ID: MW-05
Sample Type: Client
Inject. Date: 12-Aug-2015 13:38:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-A-13
Misc. Info.: 460-0030650-017
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:51:13 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:51:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	99	250954	1000.0	
43 Chloroform	83	3.101	3.101	0.000	90	1201	0.2951	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	94518	46.8	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	254557	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.662	-0.006	97	115339	47.4	
* 61 Fluorobenzene	96	3.899	3.906	-0.007	98	488184	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	93	24609	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	371122	49.9	
78 Toluene	91	5.545	5.546	-0.001	93	5432	0.5647	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	346548	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	114705	43.4	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	193971	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

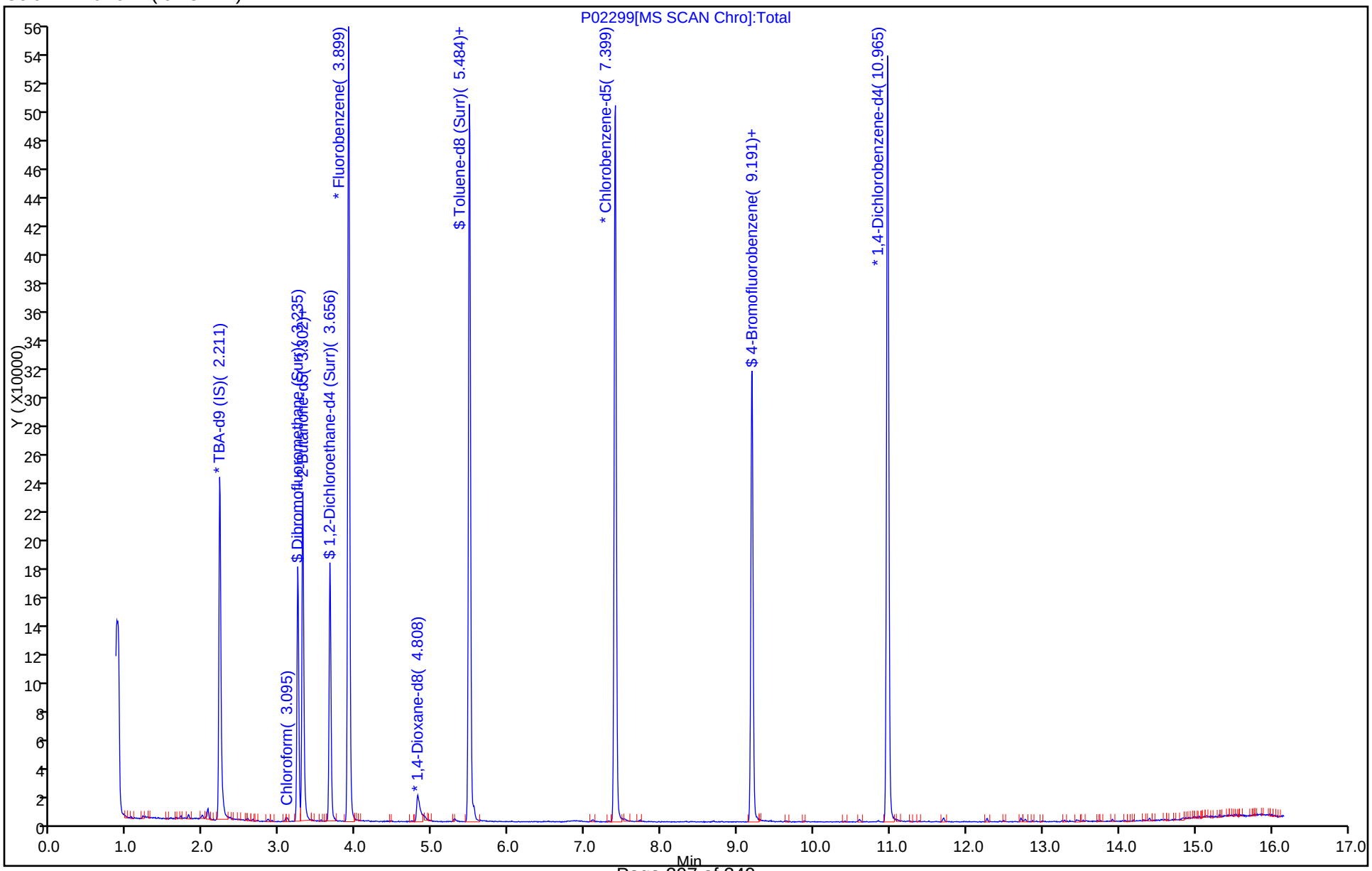
Report Date: 12-Aug-2015 16:51:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02299.D

Injection Date:	12-Aug-2015 13:38:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-A-13	Lab Sample ID:	460-99291-13	Worklist Smp#:	17
Client ID:	MW-05				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



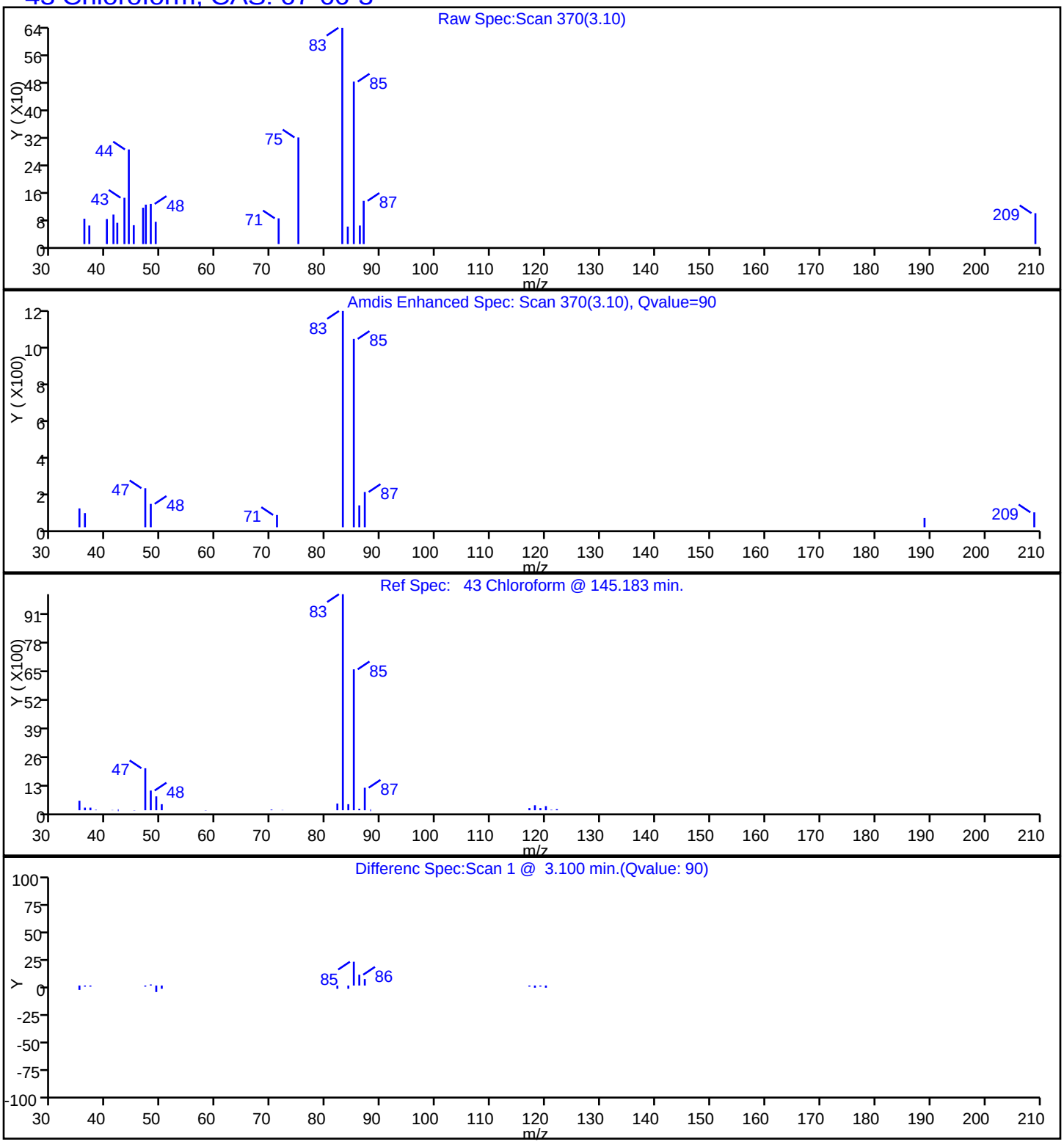
Report Date: 12-Aug-2015 16:51:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02299.D

Injection Date:	12-Aug-2015 13:38:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-A-13	Lab Sample ID:	460-99291-13		
Client ID:	MW-05				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



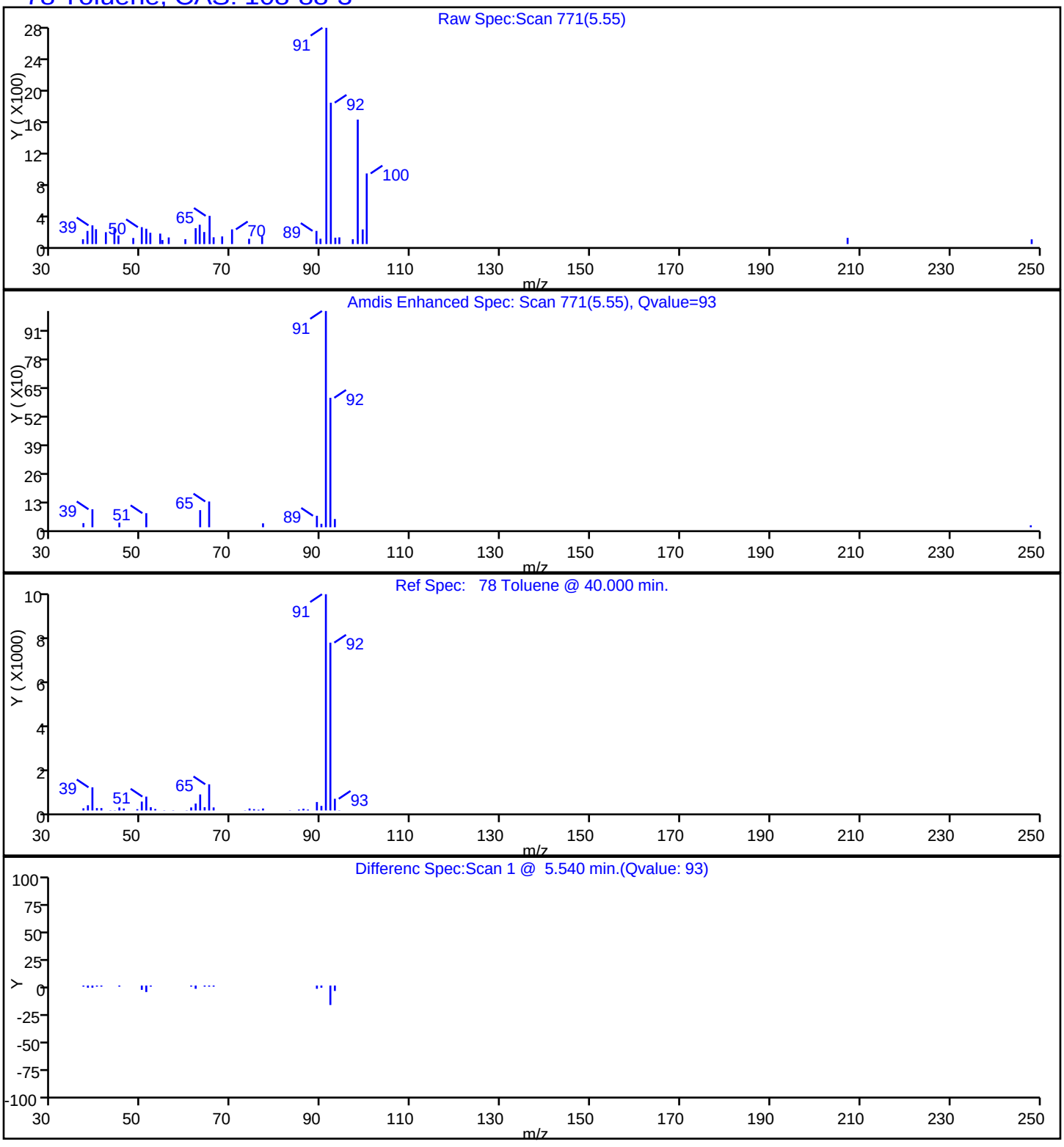
Report Date: 12-Aug-2015 16:51:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02299.D

Injection Date:	12-Aug-2015 13:38:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-A-13	Lab Sample ID:	460-99291-13
Client ID:	MW-05		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

78 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-04 | Lab Sample ID: 460-99291-14

Matrix: Water | Lab File ID: P02300.D

Analysis Method: 8260C | Date Collected: 08/04/2015 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:03

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.71	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-04 | Lab Sample ID: 460-99291-14

Matrix: Water | Lab File ID: P02300.D

Analysis Method: 8260C | Date Collected: 08/04/2015 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:03

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.62	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-04 | Lab Sample ID: 460-99291-14

Matrix: Water | Lab File ID: P02300.D

Analysis Method: 8260C | Date Collected: 08/04/2015 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:03

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02300.D
Lims ID: 460-99291-A-14 Lab Sample ID: 460-99291-14
Client ID: MW-04
Sample Type: Client
Inject. Date: 12-Aug-2015 14:03:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-A-14
Misc. Info.: 460-0030650-018
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:52:44 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:52:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	252944	1000.0	
43 Chloroform	83	3.101	3.101	0.000	94	2856	0.7106	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	93269	46.8	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	251688	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.655	3.662	-0.007	97	114606	47.7	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	482026	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	94	25905	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	361027	49.6	
81 Tetrachloroethene	166	5.984	5.984	0.000	96	1530	0.6193	M
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	339657	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	113368	43.8	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	94	191181	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

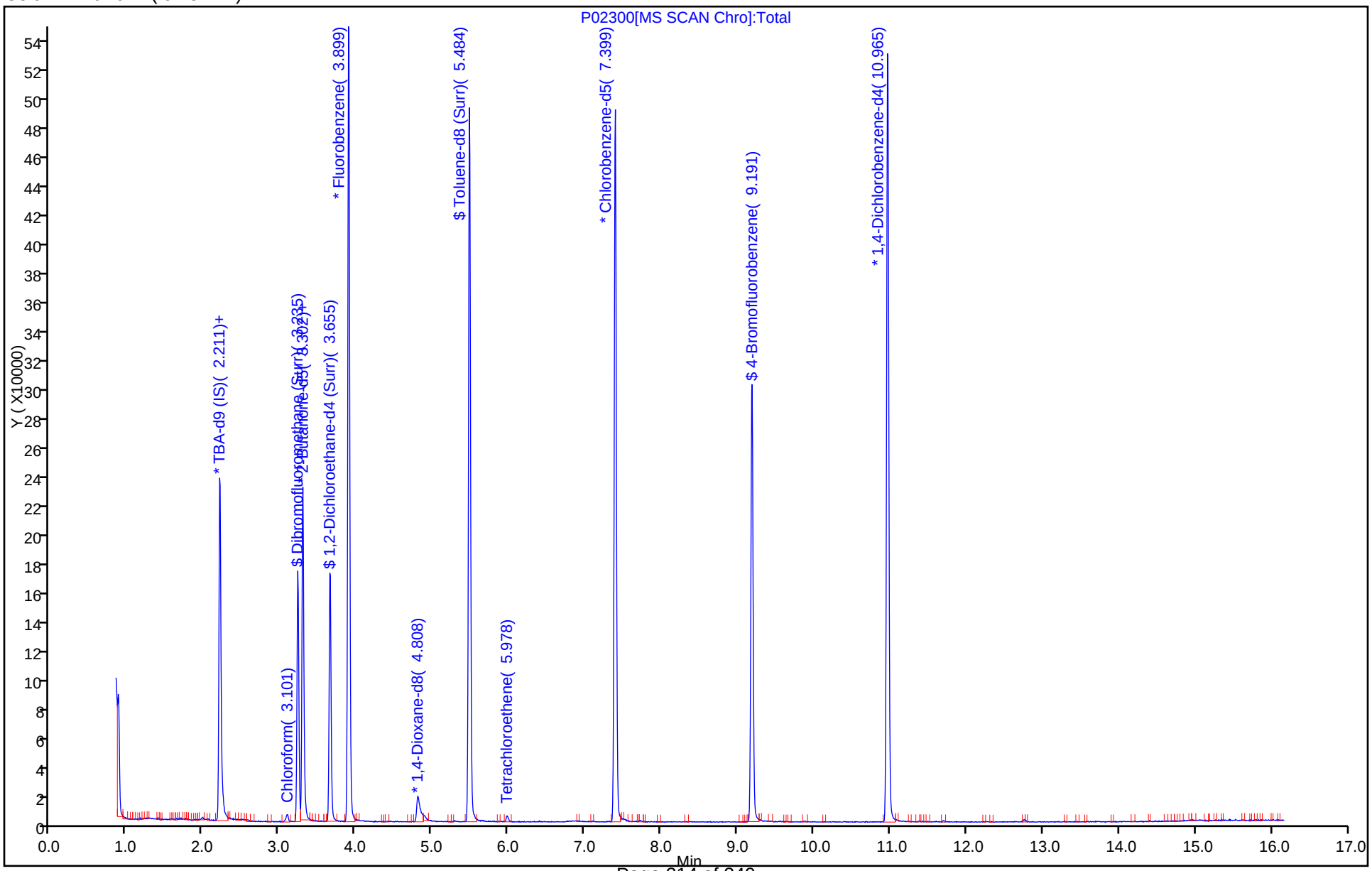
Report Date: 12-Aug-2015 16:52:44 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02300.D

Injection Date:	12-Aug-2015 14:03:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-A-14	Lab Sample ID:	460-99291-14	Worklist Smp#:	18
Client ID:	MW-04				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



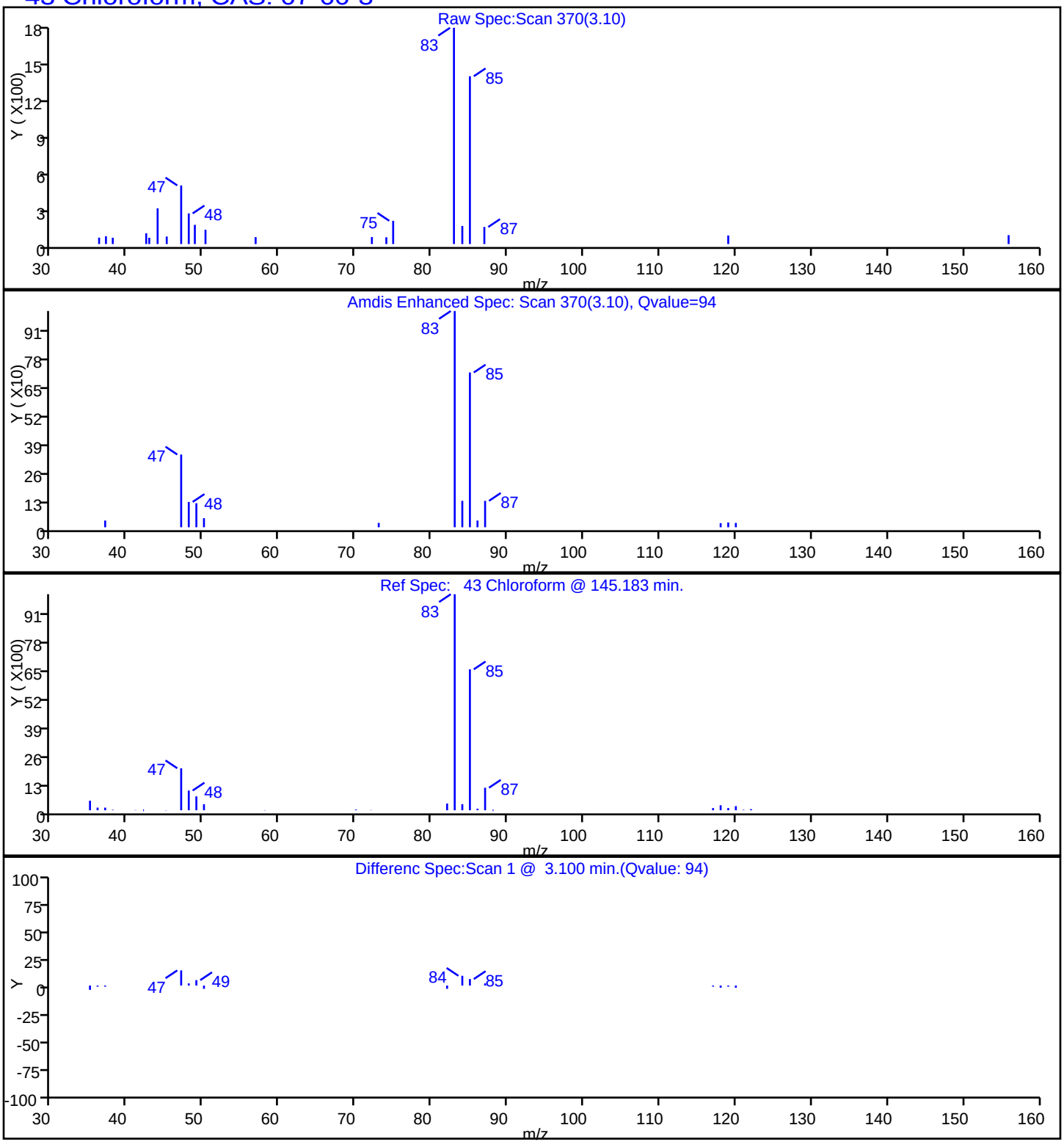
Report Date: 12-Aug-2015 16:52:44 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02300.D

Injection Date:	12-Aug-2015 14:03:30	Instrument ID:	CVOAMS13		
Lims ID:	460-99291-A-14	Lab Sample ID:	460-99291-14		
Client ID:	MW-04				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



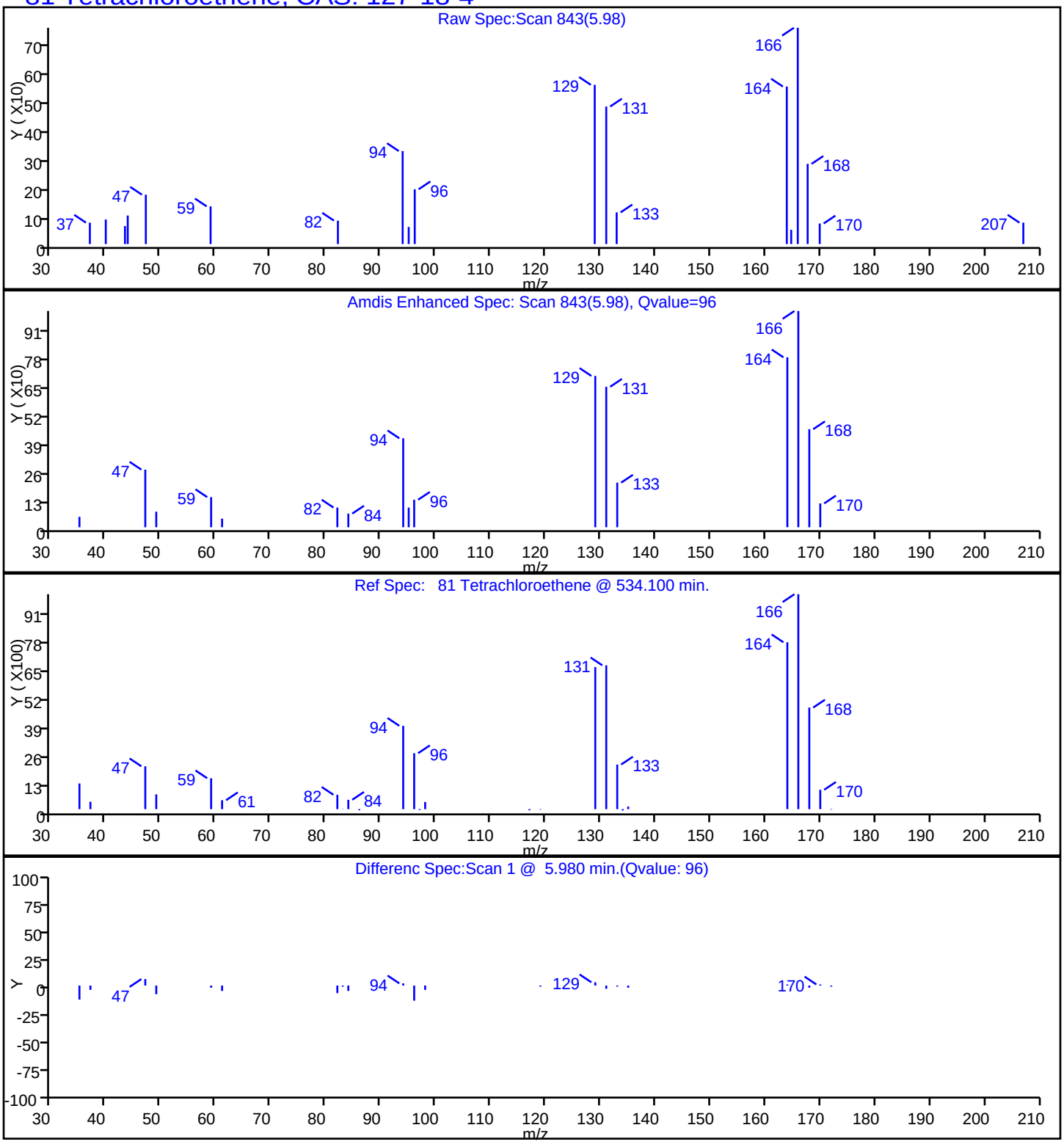
Report Date: 12-Aug-2015 16:52:44 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02300.D

Injection Date:	12-Aug-2015 14:03:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-A-14	Lab Sample ID:	460-99291-14
Client ID:	MW-04		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

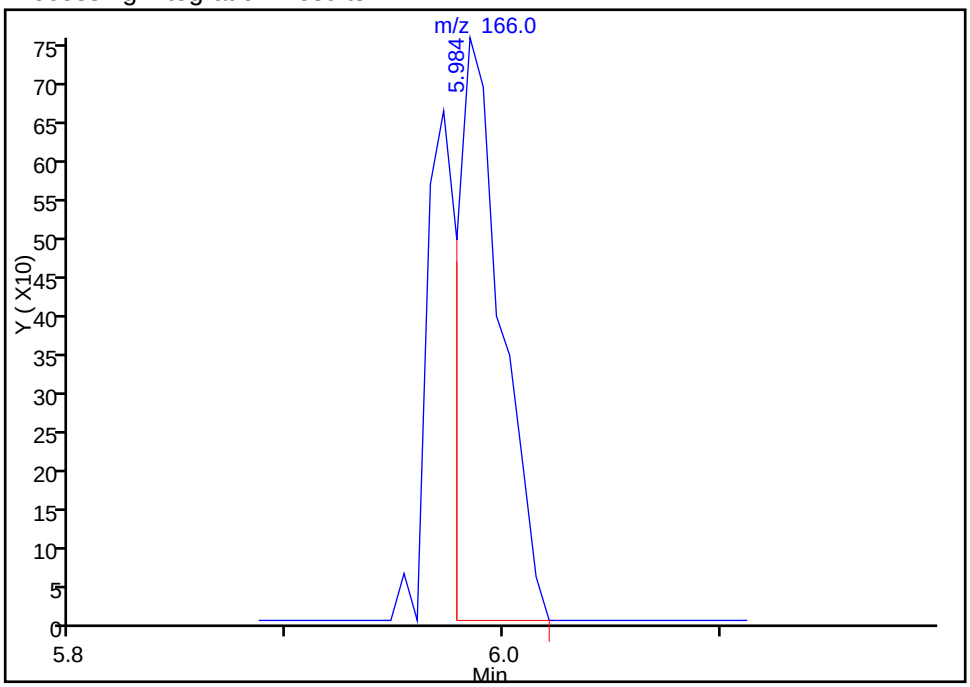
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02300.D		
Injection Date:	12-Aug-2015 14:03:30	Instrument ID:	CVOAMS13
Lims ID:	460-99291-A-14	Lab Sample ID:	460-99291-14
Client ID:	MW-04		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4

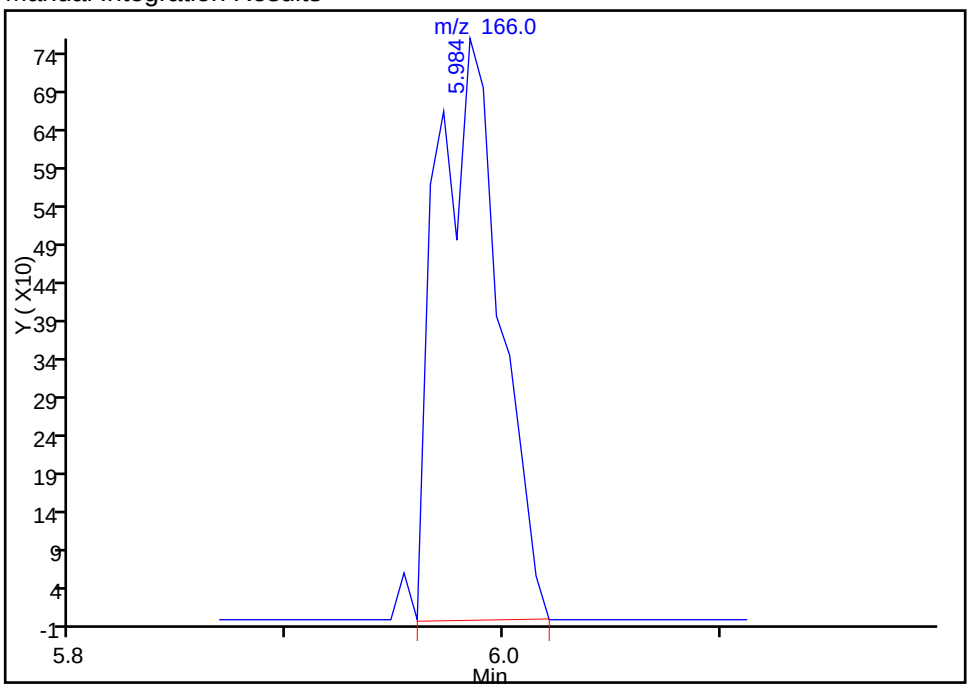
Processing Integration Results

RT: 5.98
Area: 1078
Amount: 0.436321
Amount Units: ug/l



Manual Integration Results

RT: 5.98
Area: 1530
Amount: 0.619268
Amount Units: ug/l



Reviewer: starzecm, 12-Aug-2015 16:52:44
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-29 | Lab Sample ID: 460-99291-15

Matrix: Water | Lab File ID: P02301.D

Analysis Method: 8260C | Date Collected: 08/04/2015 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:28

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-29 | Lab Sample ID: 460-99291-15

Matrix: Water | Lab File ID: P02301.D

Analysis Method: 8260C | Date Collected: 08/04/2015 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 14:28

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-29 Lab Sample ID: 460-99291-15

Matrix: Water Lab File ID: P02301.D

Analysis Method: 8260C Date Collected: 08/04/2015 14:50

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:28

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02301.D
Lims ID: 460-99291-B-15 Lab Sample ID: 460-99291-15
Client ID: MW-29
Sample Type: Client
Inject. Date: 12-Aug-2015 14:28:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-15
Misc. Info.: 460-0030650-019
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:53:17 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:53:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.211	2.229	-0.018	100	252157	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	96	92364	46.1	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	252260	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.655	3.662	-0.007	97	114598	47.4	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	485053	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	95	25045	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	359895	49.3	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	83	340685	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	93	112819	43.4	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	191988	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

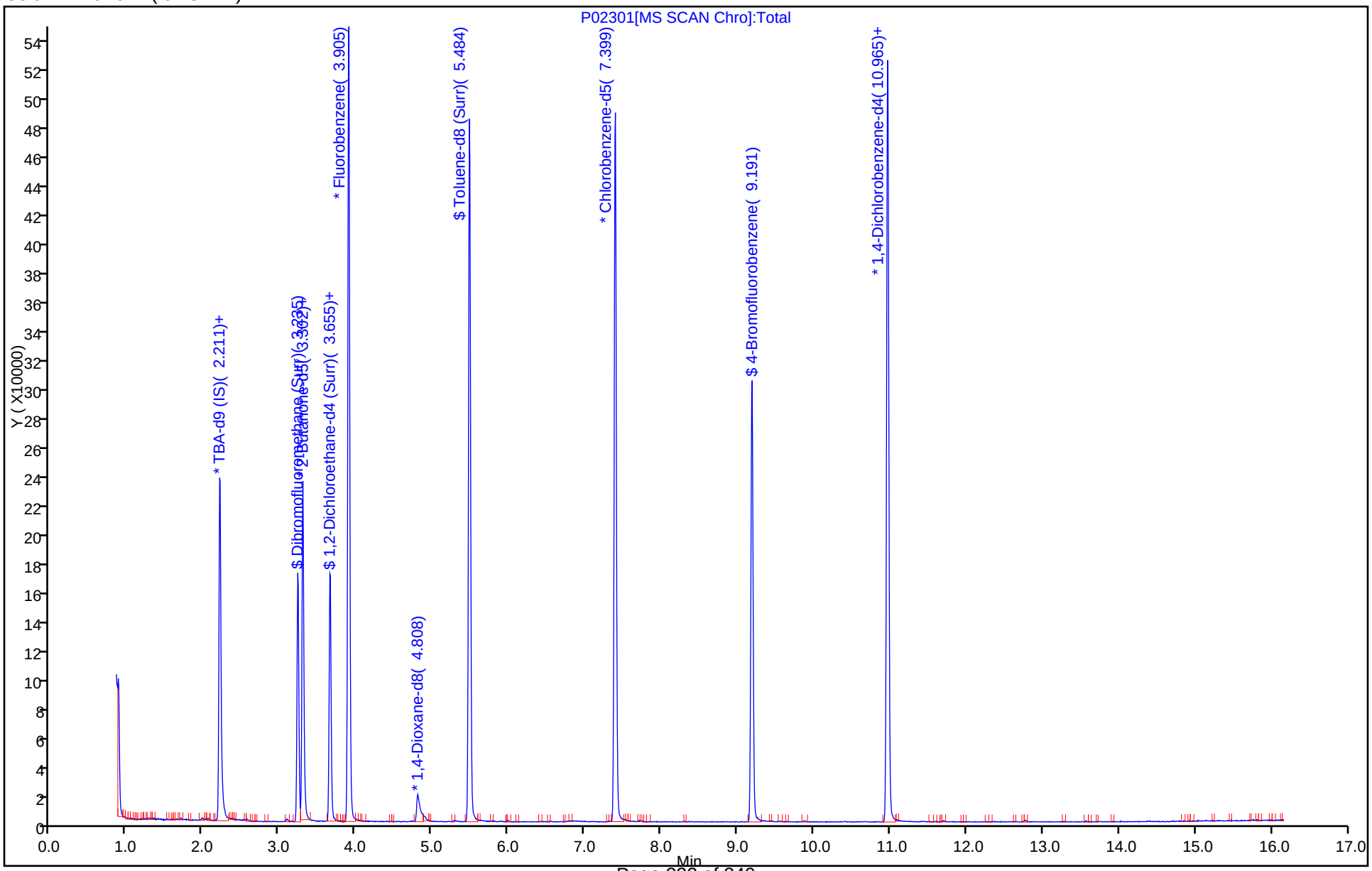
Report Date: 12-Aug-2015 16:53:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02301.D

Injection Date:	12-Aug-2015 14:28:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-15	Lab Sample ID:	460-99291-15	Worklist Smp#:	19
Client ID:	MW-29				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-12 | Lab Sample ID: 460-99291-16

Matrix: Water | Lab File ID: P02291.D

Analysis Method: 8260C | Date Collected: 08/04/2015 17:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 10:17

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-12 | Lab Sample ID: 460-99291-16

Matrix: Water | Lab File ID: P02291.D

Analysis Method: 8260C | Date Collected: 08/04/2015 17:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 10:17

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: FB-12 Lab Sample ID: 460-99291-16

Matrix: Water Lab File ID: P02291.D

Analysis Method: 8260C Date Collected: 08/04/2015 17:20

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 10:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02291.D
Lims ID: 460-99291-B-16 Lab Sample ID: 460-99291-16
Client ID: FB-12
Sample Type: Client
Inject. Date: 12-Aug-2015 10:17:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-99291-B-16
Misc. Info.: 460-0030650-009
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 16:44:13 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 16:44:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	348503	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	95976	46.1	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	326977	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	120958	48.2	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	98	503157	50.0	
* 72 1,4-Dioxane-d8	96	4.814	4.832	-0.018	93	31764	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	378413	50.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	348581	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	112846	42.5	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	195718	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

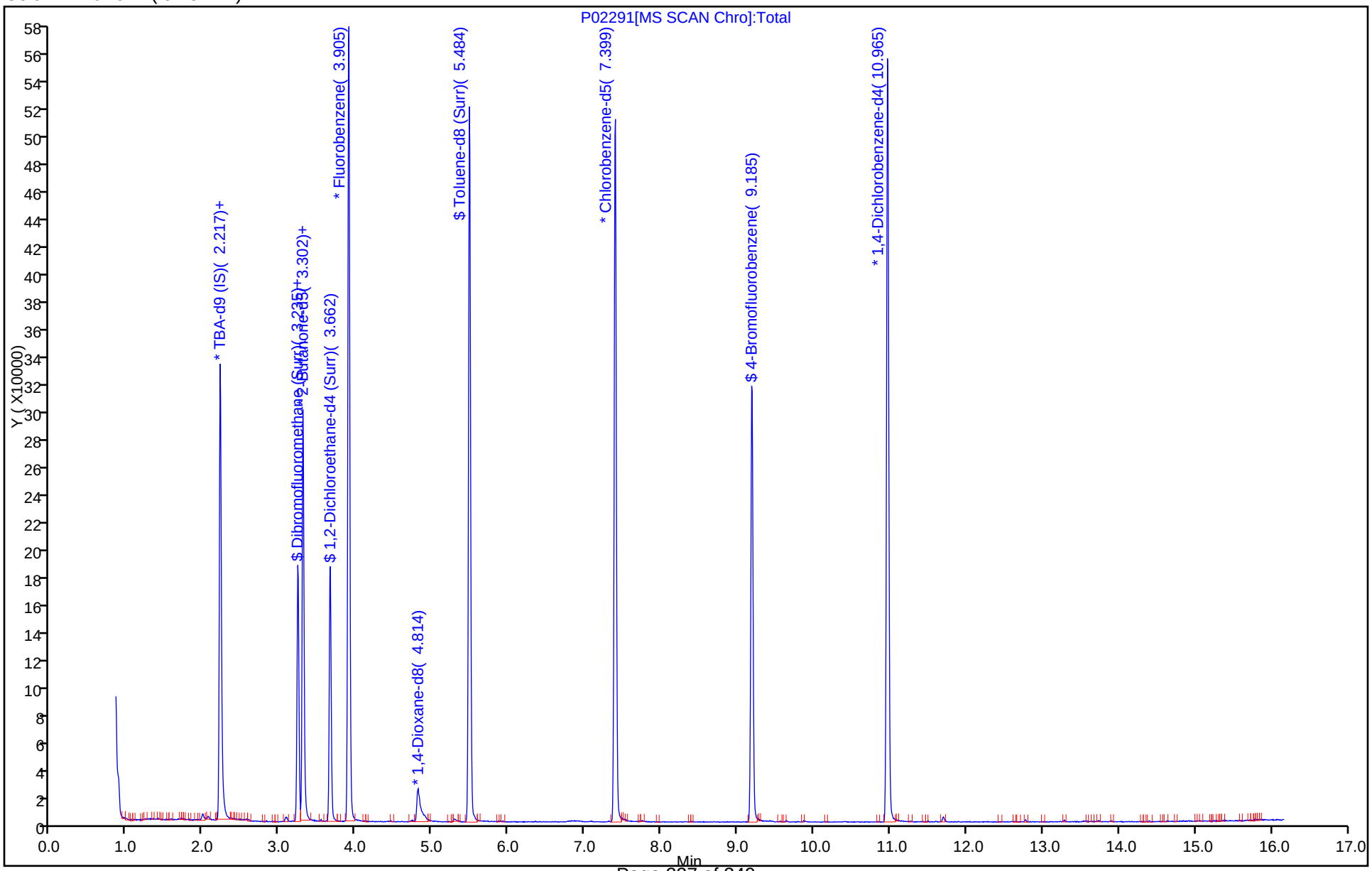
Report Date: 12-Aug-2015 16:44:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02291.D

Injection Date:	12-Aug-2015 10:17:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-99291-B-16	Lab Sample ID:	460-99291-16	Worklist Smp#:	9
Client ID:	FB-12				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-313467/12	P01812.D
Level 2	STD05 460-313467/3	P01803.D
Level 3	STD1 460-313467/17	P01817.D
Level 4	STD5 460-313467/5	P01805.D
Level 5	STD20 460-313467/6	P01806.D
Level 6	STD50 460-313467/7	P01807.D
Level 7	STD200 460-313467/8	P01808.D
Level 8	STD500 460-313467/9	P01809.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0209	0.0230 0.0254	0.0181 0.0256	0.0198	0.0197	Ave		0.0218				13.5		20.0			
Dichlorodifluoromethane	+++++ 0.2515	0.2341 0.2304	0.2754 0.2169	0.2842	0.2439	Ave		0.2481			0.1000	9.8		20.0			
Vinyl chloride	+++++ 0.2963	0.3089 0.2605	0.3082 0.2625	0.3263	0.2841	Ave		0.2924			0.1000	8.5		20.0			
Chloromethane	+++++ 0.3925	0.4802 0.3472	0.4332 0.3605	0.4469	0.3829	Ave		0.4062			0.1000	12.0		20.0			
Butadiene	+++++ 0.2403	0.3221 0.2196	0.2858 0.2186	0.2678	0.2299	Ave		0.2549				15.2		20.0			
Bromomethane	+++++ 2.5162	2.5385 3.6478	2.4046 4.9771	2.0045	1.9602	Qua2	0.2402	2.0766	0.0060858		0.1000				0.9950		0.9900
Chloroethane	+++++ 0.1509	0.1706 0.1391	0.1731 0.1621	0.1906	0.1748	Ave		0.1659			0.1000	10.2		20.0			
Pentane	+++++ 1.1038	1.1286 1.2147	1.0122 1.1353	0.7728	0.9980	Ave		1.0522				13.7		20.0			
Trichlorofluoromethane	+++++ 0.3728	0.4873 0.3376	0.3973 0.3253	0.4000	0.3548	Ave		0.3822			0.1000	14.2		20.0			
Dichlorofluoromethane	+++++ 0.4675	0.5688 0.4175	0.4939 0.4277	0.5499	0.4617	Ave		0.4839				11.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3348	0.3184 0.3405	0.3173 0.3175	0.3034	0.3225	Ave		0.3221				3.8		20.0			
Ethyl ether	+++++ 0.2258	0.2380 0.2169	0.2641 0.2101	0.2266	0.2269	Ave		0.2298				7.6		20.0			
Ethanol	+++++ 0.0559	0.0857 0.0584	0.0630 0.0590	0.0509	0.0594	Ave		0.0618				18.2		20.0			
1,1-Dichloroethene	+++++ 0.2058	0.2631 0.2170	0.2404 0.2213	0.2243	0.1986	Ave		0.2244			0.1000	9.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2798	0.4105 0.2930	0.2997 0.2528	0.2852	0.2710	Ave		0.2989				17.2		20.0			
Carbon disulfide	+++++ 0.7640	1.1483 0.8020	0.9346 0.8208	0.8086	0.7708	Ave		0.8641			0.1000	15.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1631	0.2224 0.2022	0.1746 0.2134	0.1242	0.1627	Ave		0.1804			0.1000	19.1		20.0			
Iodomethane	+++++ 0.1599	0.0734 0.2335	0.1114 0.2485	0.0742	0.1088	QuaF		0.2116	0.0000747						0.9990		0.9900
Cyclopentene	+++++ 0.6185	0.7588 0.6345	0.6348 0.6123	0.6030	0.6191	Ave		0.6401				8.4		20.0			
Acrolein	+++++ 0.3321	0.3298 0.3269	0.3811 0.3495	0.3275	0.3154	Ave		0.3375				6.4		20.0			
Allyl chloride	+++++ 0.1350	0.1501 0.1353	0.1246 0.1182	0.1374	0.1292	Ave		0.1328				7.7		20.0			
Isopropyl alcohol	+++++ 0.7474	1.0459 0.7169	0.7573 0.6948	0.8093	0.8001	Ave		0.7960				14.8		20.0			
Methylene Chloride	+++++ 0.2574	0.3416 0.2501	0.2398 0.2476	0.2557	0.2592	Ave		0.2645			0.1000	13.1		20.0			
Acetone	+++++ 1.0316	1.8814 0.9881	1.0811 0.7665	1.0727	1.0295	QuaF		1.1245	-0.000143		0.0500				1.0000		0.9900
trans-1,2-Dichloroethene	+++++ 0.2427	0.3260 0.2437	0.2910 0.2466	0.2525	0.2431	Ave		0.2636			0.1000	12.3		20.0			
Methyl acetate	+++++ 0.3865	0.3865 0.4019	0.3166 0.3903	0.3427	0.3823	Ave		0.3724			0.1000	8.3		20.0			
Hexane	+++++ 0.4101	0.5744 0.4865	0.4197 0.4874	0.2893	0.4118	QuaF		0.4735	0.0000286						1.0000		0.9900
Methyl tert-butyl ether	+++++ 0.7961	0.8287 0.7672	0.7260 0.7676	0.7464	0.7853	Ave		0.7739			0.1000	4.3		20.0			
2-Methyl-2-propanol	+++++ 1.1349	5.6012 1.0723	1.9943 1.0780	1.4347	1.1503	Qua	20.175	1.0593	0.0000029						1.0000		0.9900
Acetonitrile	+++++ 1.3781	1.5266 1.4283	1.4520 1.2493	1.5743	1.3708	Ave		1.4256				7.5		20.0			
Isopropyl ether	+++++ 0.9283	1.1094 0.9751	0.9310 0.8707	0.9007	0.8940	Ave		0.9442				8.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2056	0.2378 0.2102	0.1969 0.2019	0.2047	0.2057	Ave		0.2090				6.4		20.0			
1,1-Dichloroethane	+++++ 0.4654	0.6202 0.4452	0.4653 0.4435	0.4770	0.4619	Ave		0.4826			0.2000	12.8		20.0			
Acrylonitrile	0.1421 0.1191	0.1231 0.1082	0.1058 0.1058	0.1091	0.1155	Ave		0.1161				10.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	+++++ 0.5262	0.2896 0.5601	0.4603 0.5378	0.4927	0.5131	Ave		0.4828				18.9		20.0			
Tert-butyl ethyl ether	+++++ 0.8292	0.9229 0.8757	0.8127 0.8010	0.7974	0.8015	Ave		0.8344				5.7		20.0			
Vinyl acetate	+++++ 0.3356	0.3838 0.3235	0.3474 0.3412	0.3140	0.3090	Ave		0.3363				7.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.2623	0.2970 0.2560	0.2551 0.2526	0.2662	0.2610	Ave		0.2643			0.1000	5.7		20.0			
2,2-Dichloropropane	+++++ 0.3245	0.4263 0.3345	0.3321 0.3389	0.3273	0.3127	Ave		0.3423				11.1		20.0			
Cyclohexane	+++++ 0.2992	0.3819 0.3808	0.3114 0.4029	0.2164	0.3034	Ave		0.3280			0.1000	19.9		20.0			
Chlorobromomethane	+++++ 0.1330	0.1453 0.1263	0.1433 0.1246	0.1294	0.1337	Ave		0.1337				6.0		20.0			
Chloroform	+++++ 0.4188	0.4429 0.4054	0.3998 0.4096	0.4285	0.4131	Ave		0.4169			0.2000	3.5		20.0			
Carbon tetrachloride	+++++ 0.2568	0.3175 0.2875	0.2864 0.2970	0.2487	0.2535	Ave		0.2782			0.1000	9.3		20.0			
Ethyl acetate	+++++ 1.0735	1.1947 1.0920	1.0926 1.0717	1.0004	1.1013	Ave		1.0895				5.3		20.0			
Methyl acrylate	+++++ 0.2720	0.2346 0.2644	0.2308 0.2627	0.2381	0.2718	Ave		0.2535				7.2		20.0			
Tetrahydrofuran	+++++ 0.8829	1.0508 0.8685	0.7425 0.8563	0.8898	0.8447	Ave		0.8765				10.4		20.0			
1,1,1-Trichloroethane	+++++ 0.3291	0.3762 0.3457	0.3707 0.3487	0.3397	0.3197	Ave		0.3471			0.1000	5.9		20.0			
1,1-Dichloropropene	+++++ 0.2848	0.4595 0.2995	0.3476 0.3042	0.3029	0.2884	Ave		0.3267				19.0		20.0			
2-Butanone (MEK)	+++++ 0.3138	0.3782 0.3036	0.2852 0.2791	0.3131	0.3011	Ave		0.3106			0.0500	10.5		20.0			
2,2,4-Trimethylpentane	+++++ 0.5910	0.5396 0.6207	0.4314 0.5794	0.3398	0.4781	Ave		0.5114				19.7		20.0			
n-Heptane	+++++ 0.1079	0.1082 0.1519	0.0893 0.1488	0.0473	0.1025	QuaF		0.1463	0.0000055						0.9990		0.9900
Benzene	+++++ 1.3541	1.4373 1.3215	1.3998 1.3148	1.2955	1.3142	Ave		1.3482			0.5000	3.9		20.0			
Propionitrile	+++++ 1.4761	1.5853 1.5326	1.5376 1.3847	1.4391	1.4546	Ave		1.4871				4.6		20.0			
Methacrylonitrile	+++++ 0.1248	0.1091 0.1195	0.1066 0.1166	0.1122	0.1278	Ave		0.1167				6.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 0.7399	0.8096 0.7916	0.6950 0.7247	0.6613	0.6934	Ave		0.7308				7.4		20.0			
1,2-Dichloroethane	+++++ 0.3345	0.4986 0.3176	0.3474 0.3153	0.3349	0.3282	Ave		0.3538			0.1000	18.3		20.0			
Isobutyl alcohol	+++++ 0.4692	0.4345 0.4839	0.4105 0.4892	0.4084	0.4256	Ave		0.4459				7.7		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.5223	0.4467 0.5501	0.2893 0.5336	0.3420	0.4624	QuaF		0.5537	-0.000020						1.0000		0.9900
Isopropyl acetate	+++++ 0.5611	0.5230 0.5501	0.4514 0.5422	0.4610	0.5620	Ave		0.5215				8.9		20.0			
Methylcyclohexane	+++++ 0.2700	0.3103 0.3584	0.2305 0.3723	0.1630	0.2758	QuaF		0.3361	0.0000733		0.1000				0.9990		0.9900
Trichloroethene	+++++ 0.2617	0.3006 0.2624	0.2569 0.2656	0.2542	0.2577	Ave		0.2656			0.2000	6.0		20.0			
Dibromomethane	+++++ 0.1548	0.1639 0.1501	0.1456 0.1501	0.1473	0.1461	Ave		0.1511				4.3		20.0			
n-Butanol	+++++ 0.2848	0.1520 0.3052	0.2360 0.3152	0.2162	0.2729	Qua2	-1.358	0.2679	0.0000044						0.9930		0.9900
1,2-Dichloropropane	+++++ 0.2586	0.2894 0.2566	0.2273 0.2595	0.2462	0.2547	Ave		0.2560			0.1000	7.2		20.0			
Ethyl acrylate	+++++ 0.3575	0.2551 0.3486	0.2642 0.3501	0.2846	0.3450	Ave		0.3150				14.3		20.0			
Dichlorobromomethane	+++++ 0.3194	0.3133 0.3228	0.2872 0.3299	0.3013	0.3070	Ave		0.3116			0.2000	4.6		20.0			
Methyl methacrylate	+++++ 0.0789	0.0654 0.0764	0.0601 0.0753	0.0628	0.0773	Ave		0.0709				11.1		20.0			
1,4-Dioxane	+++++ 1.1596	1.0455 1.1063	0.9769 1.1167	1.0125	1.1809	Ave		1.0855				7.0		20.0			
n-Propyl acetate	+++++ 0.4406	0.3607 0.4116	0.3529 0.4090	0.3497	0.4166	Ave		0.3916				9.3		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1697	0.1057 0.1677	0.1207 0.1682	0.1318	0.1666	Ave		0.1472				18.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5315	0.4670 0.5414	0.4331 0.5465	0.4365	0.4950	Ave		0.4930			0.2000	9.8		20.0			
Toluene	+++++ 1.3983	1.4528 1.3908	1.3961 1.4076	1.2972	1.3713	Ave		1.3877			0.4000	3.4		20.0			
Epichlorohydrin	0.2173 0.2188	0.1908 0.2154	0.1963 0.2133	0.1943	0.2072	Ave		0.2067				5.5		20.0			
2-Nitropropane	+++++ 0.0658	0.0617 0.0674	0.0577 0.0687	0.0534	0.0632	Ave		0.0625				8.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tetrachloroethene	+++++ 0.3458	0.3980 0.3619	0.4066 0.3646	0.3313	0.3378	Ave		0.3637			0.2000	8.0		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1360	1.9310 2.0966	1.8327 2.0866	1.8610	2.0425	Ave		1.9981			0.0500	6.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.4817	0.4044 0.4852	0.4075 0.4905	0.3926	0.4425	Ave		0.4435			0.1000	9.6		20.0			
1,1,2-Trichloroethane	+++++ 0.2588	0.2103 0.2548	0.2383 0.2514	0.2382	0.2463	Ave		0.2426			0.1000	6.7		20.0			
Ethyl methacrylate	+++++ 0.3282	0.2242 0.3177	0.2293 0.3234	0.2535	0.2999	Ave		0.2823				16.1		20.0			
Chlorodibromomethane	+++++ 0.3314	0.2702 0.3397	0.2927 0.3454	0.2834	0.3073	Ave		0.3100			0.1000	9.5		20.0			
1,3-Dichloropropane	+++++ 0.5309	0.4600 0.5185	0.4677 0.5138	0.4768	0.5015	Ave		0.4956				5.5		20.0			
Ethylene Dibromide	+++++ 0.3198	0.2863 0.3147	0.2862 0.3078	0.2764	0.3019	Ave		0.2990			0.1000	5.5		20.0			
n-Butyl acetate	+++++ 0.2644	0.2146 0.2620	0.2072 0.2606	0.2046	0.2473	Ave		0.2372				11.5		20.0			
2-Hexanone	+++++ 1.7111	1.2349 1.6162	1.2146 1.4802	1.3826	1.5823	Ave		1.4603			0.0500	13.1		20.0			
Chlorobenzene	+++++ 0.9246	0.9418 0.9170	0.9685 0.9264	0.8524	0.8907	Ave		0.9173			0.5000	4.0		20.0			
Ethylbenzene	+++++ 0.4773	0.4401 0.4827	0.4655 0.4928	0.4472	0.4667	Ave		0.4675			0.1000	4.0		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3152	0.2903 0.3290	0.2731 0.3316	0.2803	0.2992	Ave		0.3027				7.7		20.0			
m-Xylene & p-Xylene	+++++ 0.5912	0.5693 0.5923	0.5583 0.5979	0.5384	0.5622	Ave		0.5728			0.1000	3.8		20.0			
o-Xylene	+++++ 0.5731	0.5057 0.5744	0.4819 0.5752	0.5006	0.5363	Ave		0.5353			0.3000	7.4		20.0			
Bromoform	+++++ 0.2394	0.2350 0.2510	0.2161 0.2606	0.1991	0.2191	Ave		0.2315			0.1000	9.2		20.0			
Styrene	+++++ 1.0108	0.7476 1.0231	0.7901 1.0428	0.7971	0.9419	Ave		0.9076			0.3000	13.9		20.0			
n-Butyl acrylate	+++++ 0.2507	0.1203 0.2566	0.1505 0.2550	0.1763	0.2287	Qua2	-0.057	0.2227	0.0000836						0.9900		0.9900
Isopropylbenzene	+++++ 1.4629	1.1577 1.5284	1.2763 1.5495	1.2992	1.4135	Ave		1.3839			0.1000	10.4		20.0			
Camphene	+++++ 0.0990	0.0961 0.1072	0.0757 0.1028	0.0772	0.0875	Ave		0.0922				13.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.1329	0.6504 1.1210	0.7220 1.1240	0.8149	1.0391	Qua2	-0.203	1.0046	0.0003075						0.9910		0.9900
Bromobenzene	+++++ 0.7403	0.6894 0.7390	0.7799 0.7547	0.6676	0.7045	Ave		0.7251				5.4		20.0			
N-Propylbenzene	+++++ 2.9327	2.4068 3.1546	2.6374 3.2484	2.4687	2.7789	Ave		2.8039				11.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6981	0.5110 0.6835	0.6640 0.7010	0.5878	0.6549	Ave		0.6429			0.3000	10.8		20.0			
2-Chlorotoluene	+++++ 2.0768	1.8195 2.1654	1.9566 2.2411	1.8761	2.0388	Ave		2.0249				7.5		20.0			
4-Ethyltoluene	+++++ 2.7327	2.0826 2.8571	2.3673 2.8679	2.3168	2.6832	Ave		2.5582				11.9		20.0			
1,2,3-Trichloropropane	+++++ 0.2139	0.1801 0.2080	0.1893 0.2058	0.1783	0.2046	Ave		0.1971				7.3		20.0			
1,3,5-Trimethylbenzene	+++++ 2.1881	1.6106 2.3085	1.9065 2.3467	1.8817	2.0995	Ave		2.0488				12.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2151	0.1297 0.2141	0.1752 0.2179	0.1839	0.1969	Ave		0.1904				16.5		20.0			
4-Chlorotoluene	+++++ 1.9592	1.5517 2.0094	1.7118 2.0601	1.7640	1.9050	Ave		1.8516				9.9		20.0			
tert-Butylbenzene	+++++ 1.7767	1.4487 1.9394	1.5173 1.9797	1.5270	1.7035	Ave		1.6989				12.4		20.0			
Butyl Methacrylate	+++++ 0.7743	0.3771 0.8493	0.4181 0.8681	0.5075	0.7105	QuaF		0.8243	0.0000884						1.0000		0.9900
1,2,4-Trimethylbenzene	+++++ 2.3205	1.6407 2.4279	1.8003 2.4849	1.9239	2.2447	Ave		2.1204				15.6		20.0			
sec-Butylbenzene	+++++ 2.5317	1.9593 2.8280	2.1023 2.8697	2.1645	2.4395	Ave		2.4136				14.7		20.0			
1,3-Dichlorobenzene	+++++ 1.4066	1.1695 1.4310	1.4137 1.4558	1.2779	1.3575	Ave		1.3589			0.6000	7.5		20.0			
4-Isopropyltoluene	+++++ 2.3491	1.5691 2.6048	1.7300 +++++	1.8916	2.2593	Ave		2.0673				19.3		20.0			
1,4-Dichlorobenzene	+++++ 1.4210	1.4767 1.4381	1.5863 1.4437	1.3846	1.4165	Ave		1.4524			0.5000	4.5		20.0			
Indan	+++++ 2.4732	1.8390 2.5376	2.1719 2.4866	2.1548	2.5091	Ave		2.3103				11.4		20.0			
Benzyl chloride	+++++ 1.7526	1.0526 1.8697	1.2828 1.8869	1.3045	1.6412	Qua2	-0.291	1.5997	0.0007033						0.9930		0.9900
p-Diethylbenzene	+++++ 1.4790	0.9619 1.5469	1.2631 1.5094	1.1731	1.4273	Ave		1.3372				16.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 2.0476	1.6301 2.2831	1.8401 2.2462	1.7697	2.0462	Ave		1.9804				12.3		20.0			
1,2-Dichlorobenzene	+++++ 1.3764	1.3720 1.3859	1.4711 1.3749	1.2990	1.3602	Ave		1.3771			0.4000	3.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3140	1.4013 2.4968	1.6786 2.4662	1.5964	2.1757	QuaF		2.4808	-0.000027						1.0000		0.9900
1,2-Dibromo-3-Chloropropane	+++++ 0.1709	0.1280 0.1742	0.1422 0.1693	0.1475	0.1615	Ave		0.1562			0.0500	11.1		20.0			
1,3,5-Trichlorobenzene	+++++ 1.1197	0.9437 1.1780	1.1701 1.1272	1.0331	1.1550	Ave		1.1038				7.8		20.0			
1,2,4-Trichlorobenzene	+++++ 1.0594	0.9576 1.1065	1.0106 1.1330	0.9150	1.0261	Ave		1.0298			0.2000	7.5		20.0			
Hexachlorobutadiene	+++++ 0.3952	0.4436 0.4557	0.4727 0.4550	0.3690	0.3873	Ave		0.4255				9.6		20.0			
Camphor	+++++ 0.0911	0.0609 0.0871	0.0692 0.0835	0.0558	0.0786	Ave		0.0752				18.0		20.0			
Naphthalene	+++++ 2.6374	2.0051 2.5914	1.9142 2.5270	1.9886	2.4884	Ave		2.3074				13.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.9737	0.9542 0.9895	0.9836 0.9903	0.9113	0.9590	Ave		0.9659				2.9		20.0			
Dibromofluoromethane (Surr)	0.1996 0.1957	0.2493 0.1975	0.1960 0.1996	0.2120	0.2042	Ave		0.2067				8.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2403 0.2386	0.2991 0.2374	0.2393 0.2456	0.2500	0.2450	Ave		0.2494				8.2		20.0			
Toluene-d8 (Surr)	1.0536 1.0732	1.1101 1.0726	1.0607 1.0737	1.0624	1.0719	Ave		1.0723				1.6		20.0			
4-Bromofluorobenzene	0.3731 0.3838	0.3961 0.3737	0.3776 0.3718	0.3850	0.3884	Ave		0.3812				2.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-313467/12	P01812.D
Level 2	STD05 460-313467/3	P01803.D
Level 3	STD1 460-313467/17	P01817.D
Level 4	STD5 460-313467/5	P01805.D
Level 5	STD20 460-313467/6	P01806.D
Level 6	STD50 460-313467/7	P01807.D
Level 7	STD200 460-313467/8	P01808.D
Level 8	STD500 460-313467/9	P01809.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 11656	100 57679	192 151985	1011	4198	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 140101	1017 523585	2927 1290244	14508	52093	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 165073	1342 591899	3276 1561087	16660	60665	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 218620	2086 789095	4604 2143889	22817	81780	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	+++++ 133866	1399 499056	3038 1300366	13672	49102	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	TBA	Qua2	+++++ 47061	433 262736	784 916430	3223	13880	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 84053	741 316054	1840 964405	9731	37330	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	TBA	Ave	+++++ 41288	385 174986	660 418085	2485	14134	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	+++++ 207687	2117 767136	4223 1935035	20420	75763	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 260403	2471 948721	5250 2543965	28077	98597	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 186476	1383 773867	3373 1888253	15490	68882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl ether	FB	Ave	+++++ 125784	1034 492930	2807 1249809	11570	48449	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethanol	TBA	Ave	+++++ 41783	585 168172	822 434489	3272	16835	+++++ 2000	20.0 8000	40.0 20000	200	800
1,1-Dichloroethene	FB	Ave	+++++ 114646	1143 493174	2555 1316057	11453	42418	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 155873	1783 665756	3186 1503497	14563	57881	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon disulfide	FB	Ave	+++++ 425559	4988 1822515	9934 4881884	41284	164605	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 90840	966 459429	1856 1269346	6342	34753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	QuaF	+++++ 89071	319 530721	1184 1478282	3787	23233	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	+++++ 344515	3296 1442022	6747 3641621	30787	132218	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBA	Ave	+++++ 12423	225 23545	497 51488	2106	4466	+++++ 100	2.00 200	4.00 400	20.0	40.0
Allyl chloride	FB	Ave	+++++ 75198	652 307429	1324 703030	7014	27597	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBA	Ave	+++++ 139790	1784 516336	2469 1279369	13012	56653	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 143380	1484 568426	2549 1472638	13056	55346	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	+++++ 399492	5622 1476356	7240 3005518	34007	150002	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	+++++ 135181	1416 553778	3093 1466613	12889	51913	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 1076595	8394 4566217	16827 11606341	87473	408197	+++++ 250	2.50 1000	5.00 2500	25.0	100
Hexane	FB	QuaF	+++++ 228451	2495 1105573	4461 2899054	14769	87950	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 443443	3600 1743571	7717 4565580	38108	167706	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBA	Qua	+++++ 212252	9554 772313	6502 1984942	23068	81454	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBA	Ave	+++++ 257739	2604 1028755	4734 2300361	25313	97063	+++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	+++++ 517110	4819 2216026	9896 5178566	45986	190918	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 114530	1033 477765	2093 1201136	10453	43935	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 259237	2694 1011643	4946 2638044	24354	98640	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3054 663524	5346 2459988	11241 6294025	55697	246636	2.00 500	5.00 2000	10.0 5000	50.0	200
Allyl alcohol	TBA	Ave	+++++ 246048	1235 1008602	3752 2475482	19804	90836	+++++ 1250	12.5 5000	25.0 12500	125	500
Tert-butyl ethyl ether	FB	Ave	+++++ 461900	4009 1990089	8638 4764421	40712	171176	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	FB	Ave	+++++ 373849	3334 1470174	7385 4058957	32060	131972	+++++ 100	1.00 400	2.00 1000	10.0	40.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 146118	1290 581660	2711 1502488	13590	55735	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 180759	1852 760256	3530 2015685	16708	66785	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 166656	1659 865293	3310 2396131	11046	64802	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	+++++ 74066	631 287086	1523 741279	6606	28562	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	+++++ 233310	1924 921346	4249 2436340	21877	88223	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 143040	1379 653362	3044 1766735	12697	54136	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	+++++ 166287	1428 652610	2927 1680978	12686	64188	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 151511	1019 600886	2453 1562226	12157	58041	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 136750	1256 519016	1989 1343125	11283	49234	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	+++++ 183330	1634 785644	3940 2074208	17342	68270	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 158672	1996 680534	3695 1809210	15464	61599	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 121518	1130 453554	1910 1094553	9925	43876	+++++ 250	2.50 1000	5.00 2500	25.0	100
2,2,4-Trimethylpentane	FB	Ave	+++++ 329185	2344 1410609	4585 3446105	17348	102105	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	QuaF	+++++ 60087	470 345127	949 885293	2413	21887	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBZ	Ave	+++++ 557217	5352 2233909	10985 5915240	50359	210425	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBA	Ave	+++++ 276066	2704 1103895	5013 2549691	23138	103001	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	+++++ 695384	4740 2715827	11332 6936122	57283	272980	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tert-amyl methyl ether	FB	Ave	+++++ 412130	3517 1799060	7387 4310103	33763	148093	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 186339	2166 721816	3693 1875040	17098	70097	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBA	Ave	+++++ 219408	1853 871254	3346 2252056	16415	75341	+++++ 1250	12.5 5000	25.0 12500	125	500

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	QuaF	+++++ 581873	3881 2500487	6149 6347098	34927	197522	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Isopropyl acetate	FB	Ave	+++++ 312531	2272 1250119	4798 3224594	23535	120033	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	QuaF	+++++ 150384	1348 814522	2450 2214162	8323	58903	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 145788	1306 596226	2731 1579632	12977	55040	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 86214	712 341144	1548 892850	7519	31210	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBA	Qua2	+++++ 133153	648 549596	1924 1451111	8692	48309	+++++ 1250	12.5 5000	25.0 12500	125	500
1,2-Dichloropropane	FB	Ave	+++++ 144073	1257 583174	2416 1543335	12568	54396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 199148	1108 792153	2808 2082547	14529	73678	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 177931	1361 733687	3053 1962097	15382	65564	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 87928	568 347063	1277 895973	6413	33032	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 47152	899 170362	1717 430539	3571	18333	+++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 245411	1567 935375	3751 2432812	17854	88973	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 94529	459 381072	1283 1000688	6730	35584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 218697	1739 915154	3399 2458784	16967	79259	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBZ	Ave	+++++ 575401	5410 2351187	10956 6332613	50427	219580	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	1553 338956	2281 1287143	5259 3345777	24643	120788	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	Ave	+++++ 73257	536 306372	1226 817211	5449	27013	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBZ	Ave	+++++ 142292	1482 611742	3191 1640060	12879	54083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 827127	5770 3132463	12274 8182054	58998	297610	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 198225	1506 820192	3198 2206592	15261	70861	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 106505	783 430787	1870 1130789	9260	39444	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	FB	Ave	+++++ 182816	974 721889	2437 1923689	12944	64051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBZ	Ave	+++++ 136368	1006 574228	2297 1553778	11016	49208	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBZ	Ave	+++++ 218475	1713 876485	3670 2311582	18536	80301	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBZ	Ave	+++++ 131586	1066 532045	2246 1384877	10744	48341	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBZ	Ave	+++++ 108781	799 442878	1626 1172603	7953	39599	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 662617	3690 2414639	8134 5804341	43832	230552	+++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBZ	Ave	+++++ 380461	3507 1550136	7600 4167673	33134	142615	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBZ	Ave	+++++ 196416	1639 816077	3653 2217163	17384	74731	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 129717	1081 556145	2143 1491865	10896	47902	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 243288	2120 1001338	4381 2690039	20930	90014	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBZ	Ave	+++++ 235828	1883 970950	3782 2587808	19460	85879	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBZ	Ave	+++++ 98491	875 424342	1696 1172504	7741	35076	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBZ	Ave	+++++ 415930	2784 1729569	6200 4691379	30985	150822	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBZ	Qua2	+++++ 103167	448 433754	1181 1147218	6855	36621	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBZ	Ave	+++++ 601952	4311 2583705	10016 6971103	50504	226333	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Camphene	CBZ	Ave	+++++ 40736	358 181147	594 462607	3000	14005	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCB	Qua2	+++++ 274645	1535 1088865	3371 2854486	19274	98904	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCB	Ave	+++++ 179457	1627 717812	3641 1916666	15790	67061	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCB	Ave	+++++ 710934	5680 3064091	12313 8249816	58390	264508	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 169239	1206 663941	3100 1780411	13904	62335	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCB	Ave	+++++ 503458	4294 2103329	9135 5691719	44374	194065	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Ethyltoluene	DCB	Ave	+++++ 662458	4915 2775212	11052 7283505	54797	255399	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 51851	425 202056	884 522648	4217	19476	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 530443	3801 2242272	8901 5959862	44506	199843	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 52142	306 207971	818 553414	4349	18744	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCB	Ave	+++++ 474944	3662 1951781	7992 5232021	41724	181331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCB	Ave	+++++ 430698	3419 1883776	7084 5027910	36117	162147	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCB	QuaF	+++++ 187698	890 824932	1952 2204697	12004	67629	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 562524	3872 2358297	8405 6310834	45504	213665	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCB	Ave	+++++ 613730	4624 2746865	9815 7288253	51195	232205	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 341000	2760 1389990	6600 3697274	30226	129215	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCB	Ave	+++++ 569470	3703 2530109	8077 +++++	44741	215054	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 344477	3485 1396883	7406 3666525	32749	134834	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCB	Ave	+++++ 599548	4340 2464852	10140 6315079	50967	238827	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCB	Qua2	+++++ 424873	2484 1816049	5989 4792173	30854	156216	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCB	Ave	+++++ 358547	2270 1502547	5897 3833338	27747	135856	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCB	Ave	+++++ 496386	3847 2217670	8591 5704596	41857	194770	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 333663	3238 1346145	6868 3491945	30725	129470	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCB	QuaF	+++++ 560969	3307 2425160	7837 6263401	37760	207092	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 41440	302 169243	664 430013	3488	15375	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 271433	2227 1144225	5463 2862828	24435	109942	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 256822	2260 1074811	4718 2877570	21643	97673	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-99291-1 Analy Batch No.: 313467

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2015 14:10 Calibration End Date: 07/29/2015 20:18 Calibration ID: 51499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	+++++ 95811	1047 442666	2207 1155662	8727	36866	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Camphor	DCB	Ave	+++++ 110479	719 422960	1615 1060905	6595	37411	+++++ 250	2.50 1000	5.00 2500	25.0	100
Naphthalene	DCB	Ave	+++++ 639356	4732 2517061	8937 6417772	47035	236858	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 236041	2252 961104	4592 2514941	21554	91280	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	107270 108987	108294 112183	104182 118709	108256	109017	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	129153 132903	129915 134899	127185 146051	127622	130823	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	421873 441630	413377 453319	416209 483019	412996	429079	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	149405 157939	147507 157943	148142 167245	149664	155479	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Jul-2015 14:10:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0030198-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:11 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:51:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	1	100	0.5000	0.5287	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	51	1017	0.5000	0.4719	
3 Vinyl chloride	62	1.089	1.089	0.000	54	1342	0.5000	0.5283	
4 Chloromethane	50	1.095	1.095	0.000	73	2086	0.5000	0.5911	
5 Butadiene	54	1.095	1.095	0.000	91	1399	0.5000	0.6318	
6 Bromomethane	94	1.260	1.260	0.000	61	433	0.5000	0.4948	
7 Chloroethane	64	1.321	1.321	0.000	96	741	0.5000	0.5142	
8 Pentane	72	1.394	1.394	0.000	91	385	1.00	1.07	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	80	2117	0.5000	0.6376	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	94	2471	0.5000	0.5878	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	93	1383	0.5000	0.4943	
12 Ethyl ether	59	1.571	1.577	-0.006	90	1034	0.5000	0.5180	
13 Ethanol	46	1.693	1.674	0.019	13	585	20.0	27.8	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	94	1143	0.5000	0.5864	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	82	1783	0.5000	0.6867	
16 Carbon disulfide	76	1.699	1.699	0.000	98	4988	0.5000	0.6644	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	37	966	0.5000	0.6164	
18 Iodomethane	142	1.766	1.766	0.000	50	319	0.5000	0.1735	
19 Cyclopentene	67	1.857	1.857	0.000	93	3296	0.5000	0.5927	
20 Acrolein	56	1.882	1.882	0.000	36	225	2.00	1.95	
21 3-Chloro-1-propene	76	1.955	1.961	-0.006	93	652	0.5000	0.5650	
22 Isopropyl alcohol	45	1.997	1.997	0.000	92	1784	5.00	6.57	
23 Methylene Chloride	84	2.028	2.028	0.000	91	1484	0.5000	0.6458	
24 Acetone	43	2.058	2.058	0.000	86	5622	2.50	4.18	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	91	1416	0.5000	0.6182	
26 Methyl acetate	43	2.138	2.138	0.000	99	8394	2.50	2.59	
27 Hexane	57	2.174	2.168	0.006	39	2495	0.5000	0.6065	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	84	3600	0.5000	0.5354	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	100	341142	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	100	9554	5.00	7.39	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.357	2.351	0.006	94	2604	5.00	5.35	
32 Isopropyl ether	45	2.449	2.442	0.007	96	4819	0.5000	0.5875	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	93	1033	0.5000	0.5689	
34 1,1-Dichloroethane	63	2.522	2.516	0.006	97	2694	0.5000	0.6425	
35 Acrylonitrile	53	2.558	2.558	0.000	93	5346	5.00	5.30	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	83	4009	0.5000	0.5531	
38 Allyl alcohol	57	2.692	2.692	0.000	42	1235	12.5	7.50	
37 Vinyl acetate	43	2.692	2.699	-0.007	90	3334	1.00	1.14	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	93	1290	0.5000	0.5618	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	93	1852	0.5000	0.6227	
41 Cyclohexane	56	3.028	3.034	-0.006	91	1659	0.5000	0.5822	
42 Chlorobromomethane	128	3.034	3.040	-0.006	94	631	0.5000	0.5434	
43 Chloroform	83	3.101	3.095	0.006	94	1924	0.5000	0.5312	
44 Carbon tetrachloride	117	3.192	3.192	0.000	87	1379	0.5000	0.5706	
46 Methyl acrylate	55	3.204	3.205	-0.001	42	1019	0.5000	0.4627	
45 Ethyl acetate	43	3.204	3.205	-0.001	42	1428	1.00	1.10	
47 Tetrahydrofuran	42	3.223	3.223	0.000	30	1256	1.00	1.20	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	108294	50.0	60.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	35	1634	0.5000	0.5418	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	298814	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	98	1130	2.50	3.04	
51 1,1-Dichloropropene	75	3.332	3.345	-0.013	61	1996	0.5000	0.7032	
52 Isooctane	57	3.442	3.436	0.006	97	2344	0.5000	0.5276	
53 n-Heptane	57	3.534	3.528	0.006	64	470	0.5000	0.3697	M
54 Benzene	78	3.546	3.540	0.006	95	5352	0.5000	0.5330	
55 Propionitrile	54	3.576	3.576	0.000	95	2704	5.00	5.33	
56 Methacrylonitrile	67	3.589	3.589	0.000	91	4740	5.00	4.68	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	129915	50.0	60.0	
58 Tert-amyl methyl ether	73	3.668	3.662	0.006	37	3517	0.5000	0.5539	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	95	2166	0.5000	0.7047	
60 Isobutyl alcohol	43	3.790	3.790	0.000	86	1853	12.5	12.2	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	99	434395	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.930	3.936	-0.006	38	3881	1.00	0.8069	M
62 Isopropyl acetate	43	3.967	3.973	-0.006	95	2272	0.5000	0.5014	
63 Methylcyclohexane	83	4.040	4.040	0.000	84	1348	0.5000	0.4617	
64 Trichloroethene	130	4.058	4.058	0.000	85	1306	0.5000	0.5660	
66 n-Butanol	56	4.448	4.442	0.006	62	648	12.5	12.2	
67 Dibromomethane	93	4.436	4.442	-0.006	92	712	0.5000	0.5422	
68 1,2-Dichloropropane	63	4.533	4.540	-0.007	87	1257	0.5000	0.5651	
69 Ethyl acrylate	55	4.613	4.613	0.000	81	1108	0.5000	0.4049	
70 Dichlorobromomethane	83	4.625	4.619	0.006	90	1361	0.5000	0.5028	
71 Methyl methacrylate	100	4.826	4.814	0.012	49	568	1.00	0.9223	M
* 72 1,4-Dioxane-d8	96	4.820	4.820	0.000	96	34394	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	28	899	25.0	24.1	
74 n-Propyl acetate	43	4.979	4.979	-0.001	96	1567	0.5000	0.4606	
75 2-Chloroethyl vinyl ether	63	5.241	5.247	-0.006	14	459	0.5000	0.3589	M
76 cis-1,3-Dichloropropene	75	5.289	5.283	0.006	93	1739	0.5000	0.4736	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	413377	50.0	51.8	
78 Toluene	91	5.539	5.539	0.000	93	5410	0.5000	0.5234	
79 Epichlorohydrin	57	5.582	5.570	0.012	97	2281	10.0	9.23	
80 2-Nitropropane	41	5.820	5.808	0.012	53	536	1.00	0.9864	M
81 Tetrachloroethene	166	5.984	5.978	0.006	91	1482	0.5000	0.5471	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	5770	2.50	2.42	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	82	1506	0.5000	0.4560	
84 1,1,2-Trichloroethane	83	6.240	6.234	0.006	92	783	0.5000	0.4334	
85 Ethyl methacrylate	69	6.314	6.308	0.006	46	974	0.5000	0.3971	
86 Chlorodibromomethane	129	6.436	6.436	0.000	96	1006	0.5000	0.4357	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	96	1713	0.5000	0.4641	
88 Ethylene Dibromide	107	6.704	6.692	0.012	92	1066	0.5000	0.4787	M
89 n-Butyl acetate	43	7.039	7.033	0.006	38	799	0.5000	0.4522	
90 2-Hexanone	43	7.106	7.106	0.000	95	3690	2.50	2.11	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	372377	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	37	3507	0.5000	0.5133	
93 Ethylbenzene	106	7.502	7.496	0.006	98	1639	0.5000	0.4708	
94 1,1,1,2-Tetrachloroethane	131	7.539	7.533	0.006	77	1081	0.5000	0.4796	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	93	2120	0.5000	0.4970	
96 o-Xylene	106	8.319	8.313	0.006	94	1883	0.5000	0.4723	
97 Bromoform	173	8.386	8.380	0.006	84	875	0.5000	0.5076	
98 Styrene	104	8.405	8.399	0.006	96	2784	0.5000	0.4119	
99 n-Butyl acrylate	73	8.722	8.722	0.000	94	448	0.5000	0.5245	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	4311	0.5000	0.4183	
101 Camphene	41	8.905	8.929	-0.024	1	358	0.5000	0.5213	M
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	76	1535	0.5000	0.5261	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	96	147507	50.0	52.0	
104 Bromobenzene	156	9.295	9.301	-0.006	88	1627	0.5000	0.4754	
105 N-Propylbenzene	91	9.441	9.447	-0.006	99	5680	0.5000	0.4292	
106 1,1,2,2-Tetrachloroethane	83	9.587	9.594	-0.007	67	1206	0.5000	0.3974	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	4294	0.5000	0.4493	
108 4-Ethyltoluene	105	9.636	9.636	0.000	88	4915	0.5000	0.4071	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	79	425	0.5000	0.4567	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	94	3801	0.5000	0.3931	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	1	306	0.5000	0.3405	M
112 4-Chlorotoluene	91	9.898	9.898	0.000	95	3662	0.5000	0.4190	
113 tert-Butylbenzene	119	10.270	10.270	0.000	94	3419	0.5000	0.4264	
114 Butyl Methacrylate	87	10.392	10.392	0.000	46	890	0.5000	0.2287	M
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	3872	0.5000	0.3869	
116 sec-Butylbenzene	105	10.569	10.563	0.006	99	4624	0.5000	0.4059	M
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	92	2760	0.5000	0.4303	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	95	3703	0.5000	0.3795	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	235998	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.983	10.990	-0.007	41	3485	0.5000	0.5084	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	91	4340	0.5000	0.3980	
122 Benzyl chloride	91	11.422	11.416	0.006	94	2484	0.5000	0.5109	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	83	2270	0.5000	0.3596	
124 n-Butylbenzene	91	11.502	11.496	0.006	98	3847	0.5000	0.4116	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	97	3238	0.5000	0.4982	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	97	3307	0.5000	0.2824	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	27	302	0.5000	0.4095	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	95	2227	0.5000	0.4274	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	2260	0.5000	0.4650	
130 Hexachlorobutadiene	225	13.282	13.288	-0.006	68	1047	0.5000	0.5213	
131 Camphor	95	13.526	13.532	-0.006	87	719	2.50	2.03	
132 Naphthalene	128	13.568	13.562	0.006	98	4732	0.5000	0.4345	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	91	2252	0.5000	0.4940	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1.00	1.18	
S 135 Xylenes, Total	100				0		1.00	0.9693	
S 136 Total BTEX	1				0		2.50	2.50	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	0.50	Units: uL	
MIX 2 Hi_00033	Amount Added:	0.50	Units: uL	
ACROLEIN W_00040	Amount Added:	2.00	Units: uL	
MIX I Hi_00045	Amount Added:	0.50	Units: uL	
14DIOXINTER_00041	Amount Added:	15.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	0.50	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 16:26:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D

Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13 Operator ID:

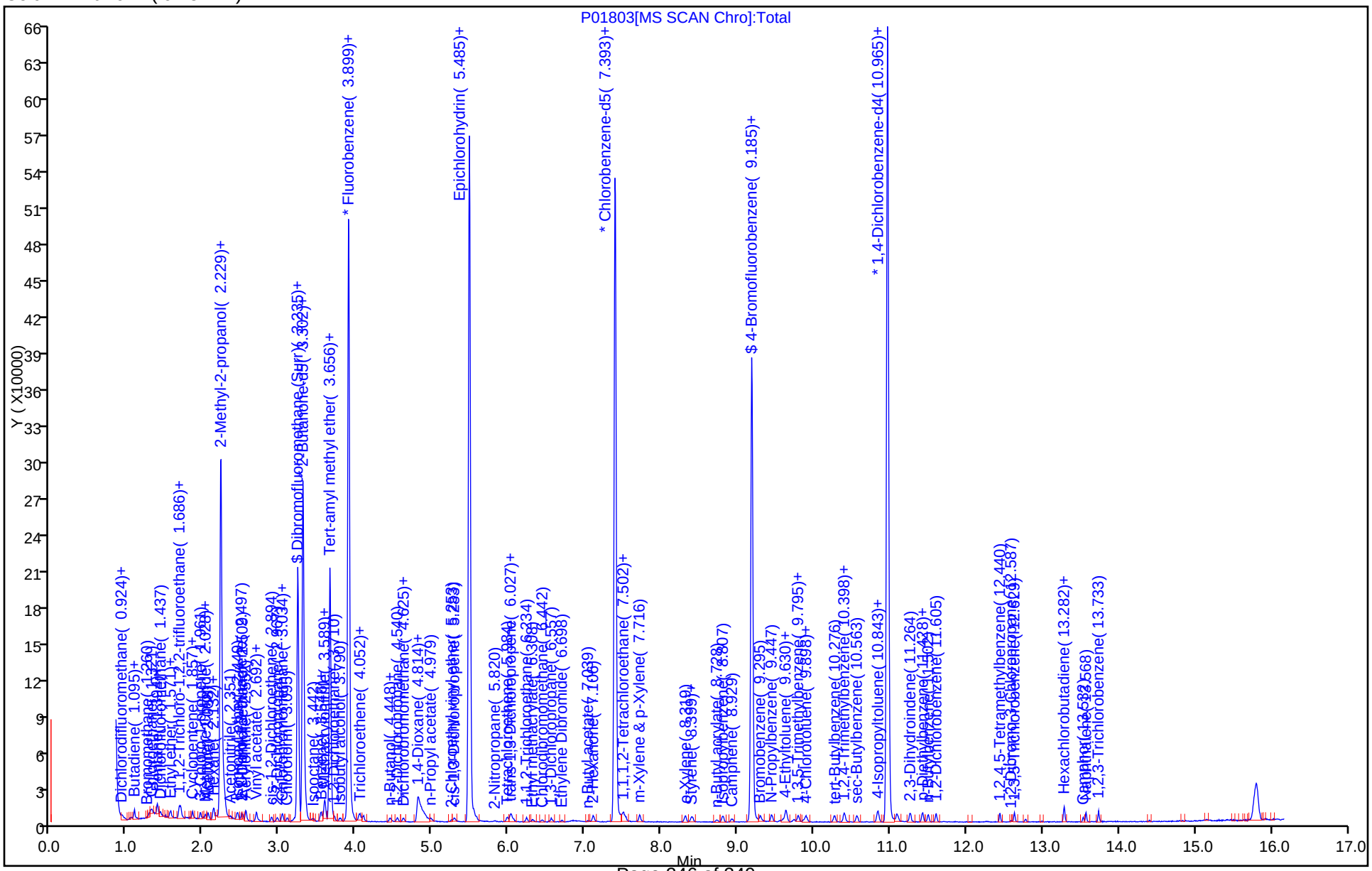
Lims ID: STD05 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

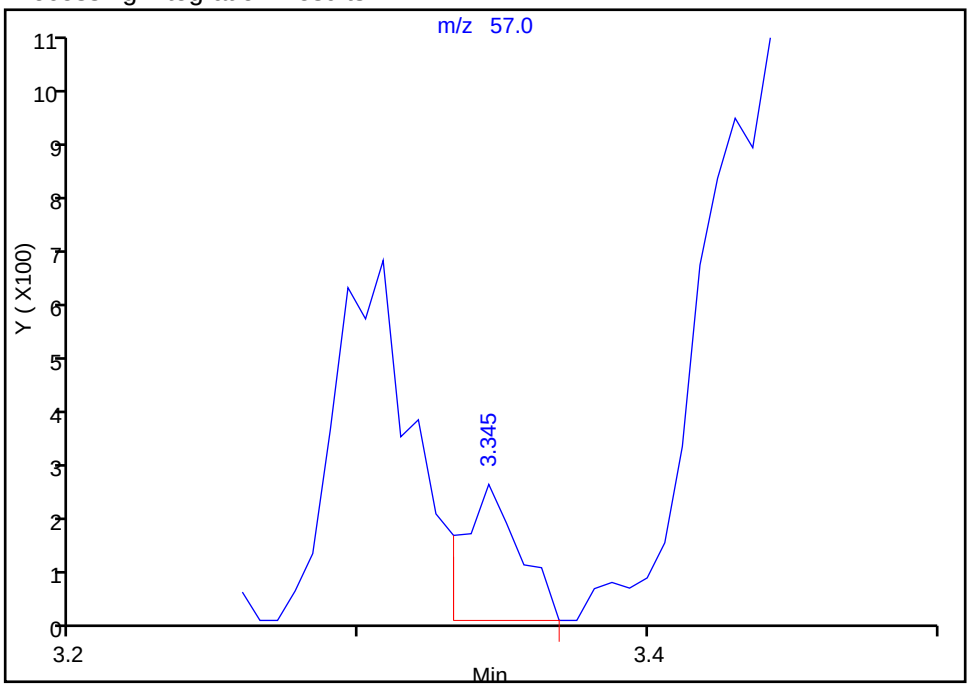
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 n-Heptane, CAS: 142-82-5

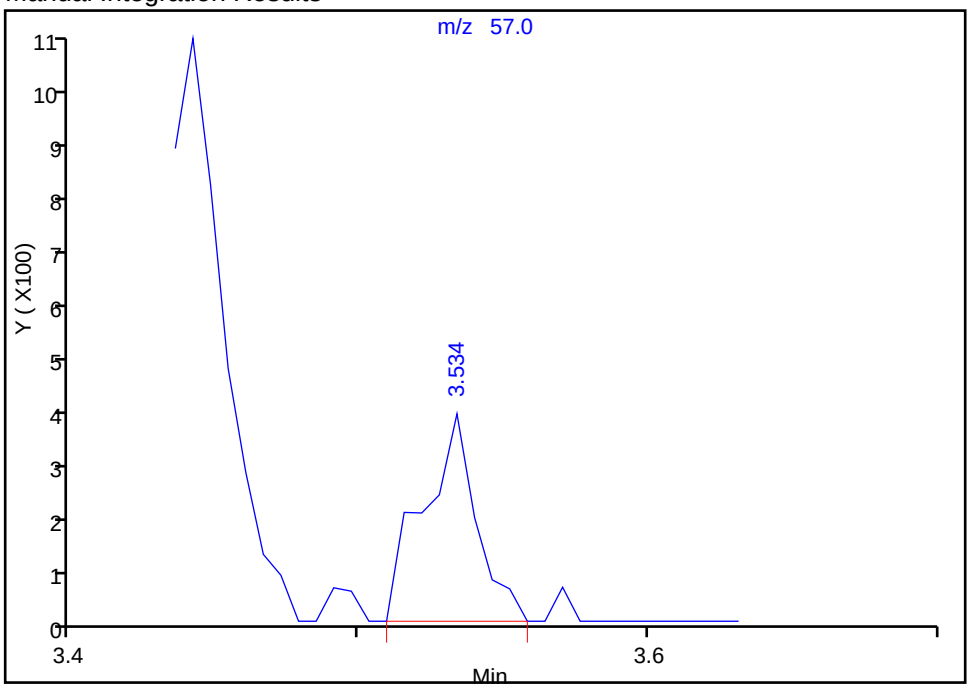
Processing Integration Results

RT: 3.34
Area: 331
Amount: 0.260329
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 470
Amount: 0.369715
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

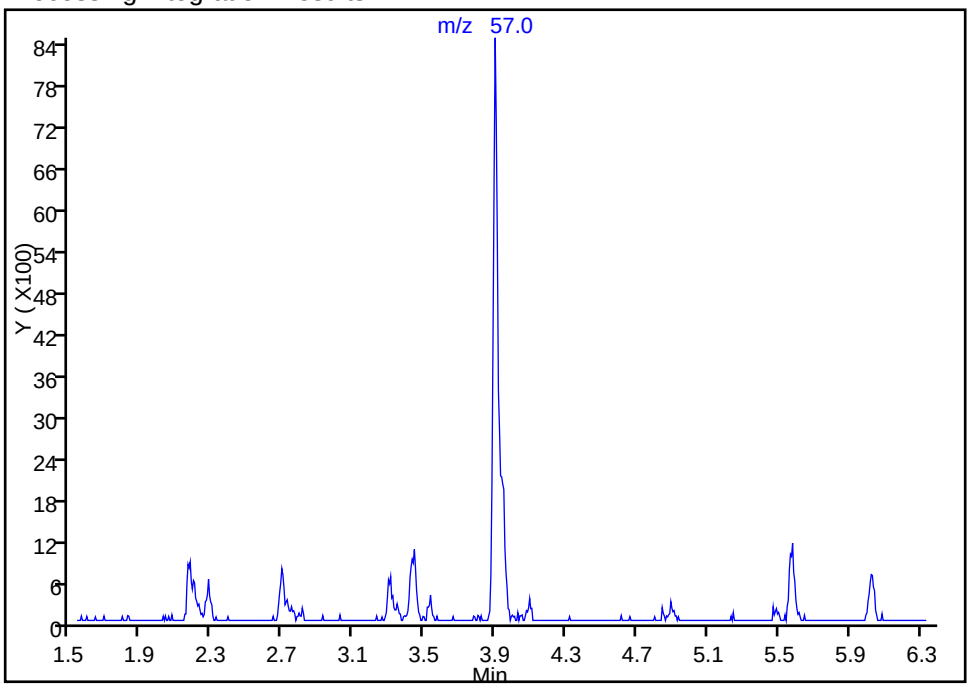
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 2,4,4-Trimethyl-1-pentene, CAS: 107-39-1

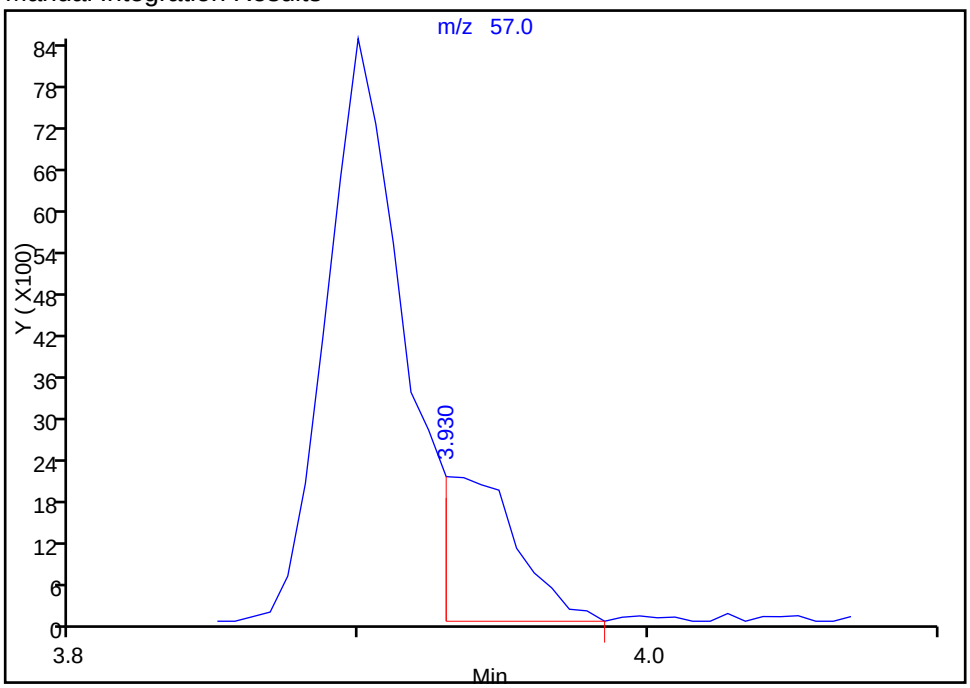
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.93
Area: 3881
Amount: 0.806874
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Split an Integrated Peak
Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

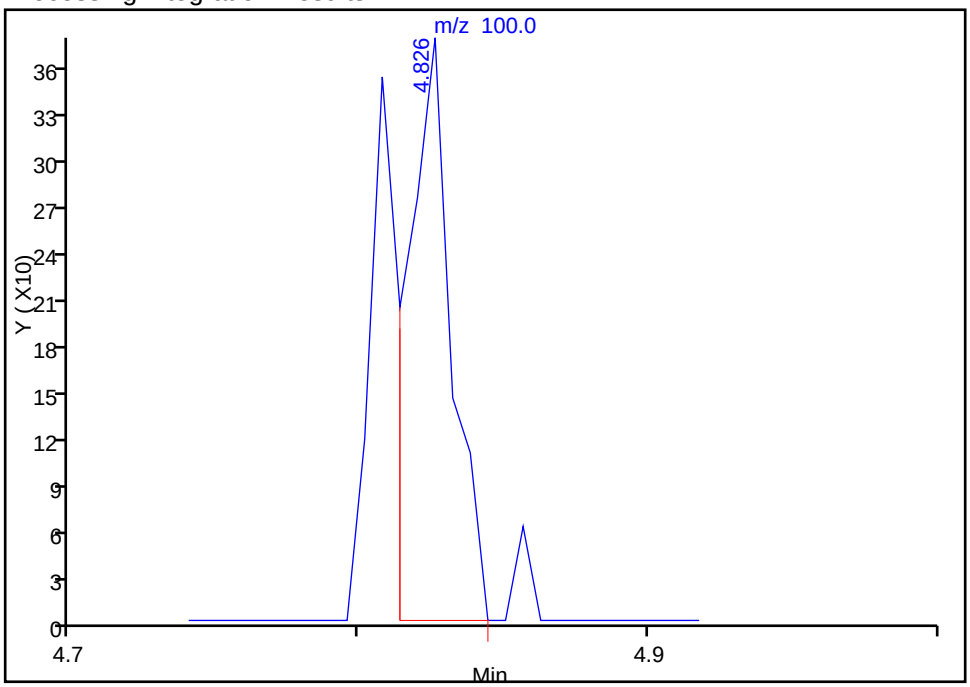
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methyl methacrylate, CAS: 80-62-6

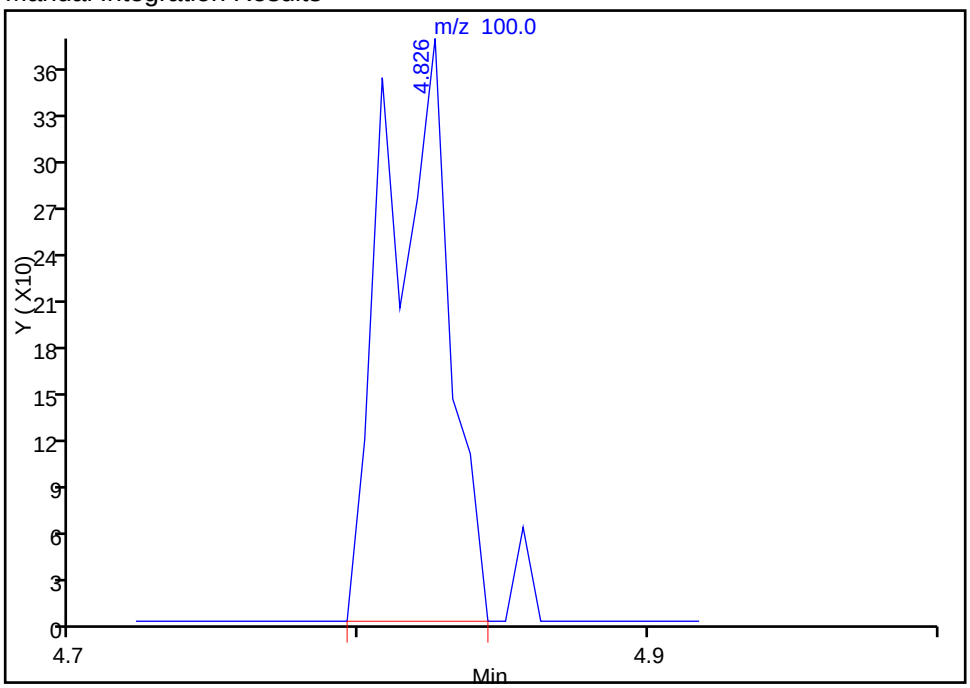
Processing Integration Results

RT: 4.83
Area: 399
Amount: 0.674330
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 568
Amount: 0.922316
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

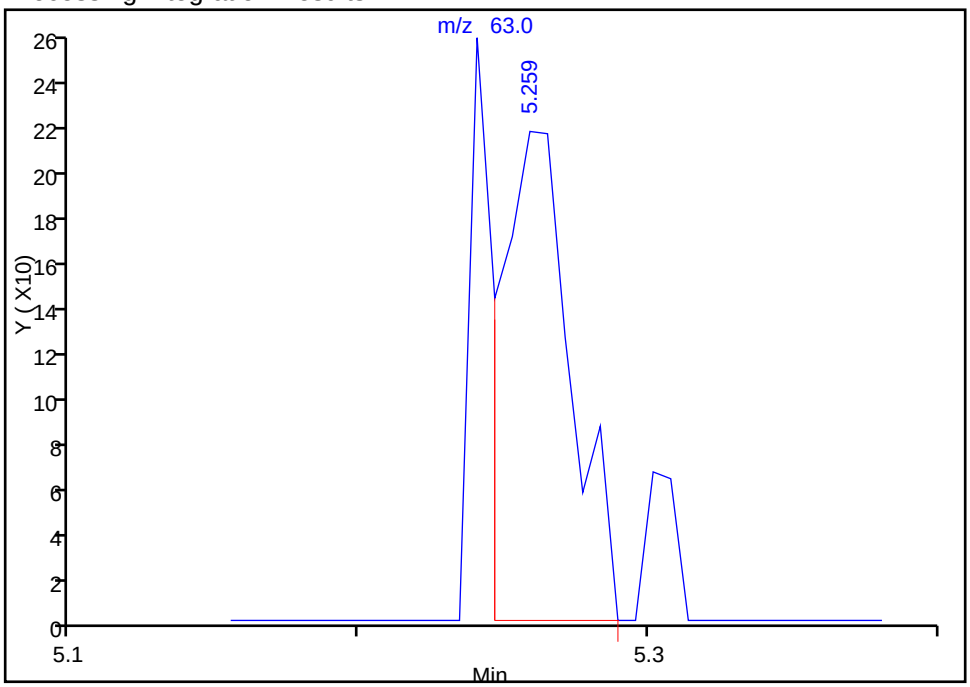
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

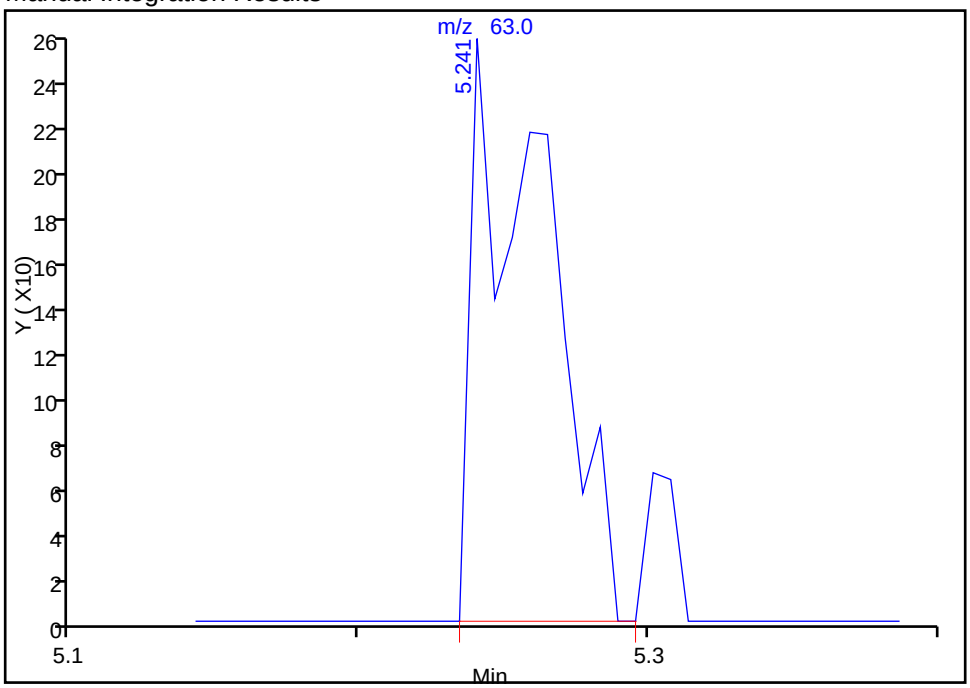
Processing Integration Results

RT: 5.26
Area: 366
Amount: 0.251435
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 459
Amount: 0.358899
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

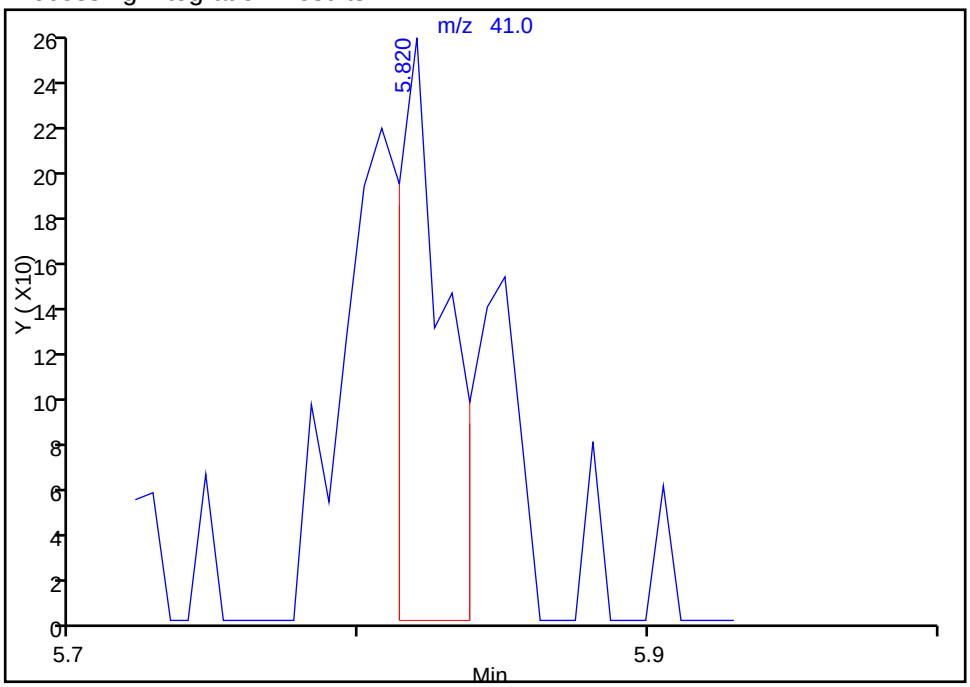
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 2-Nitropropane, CAS: 79-46-9

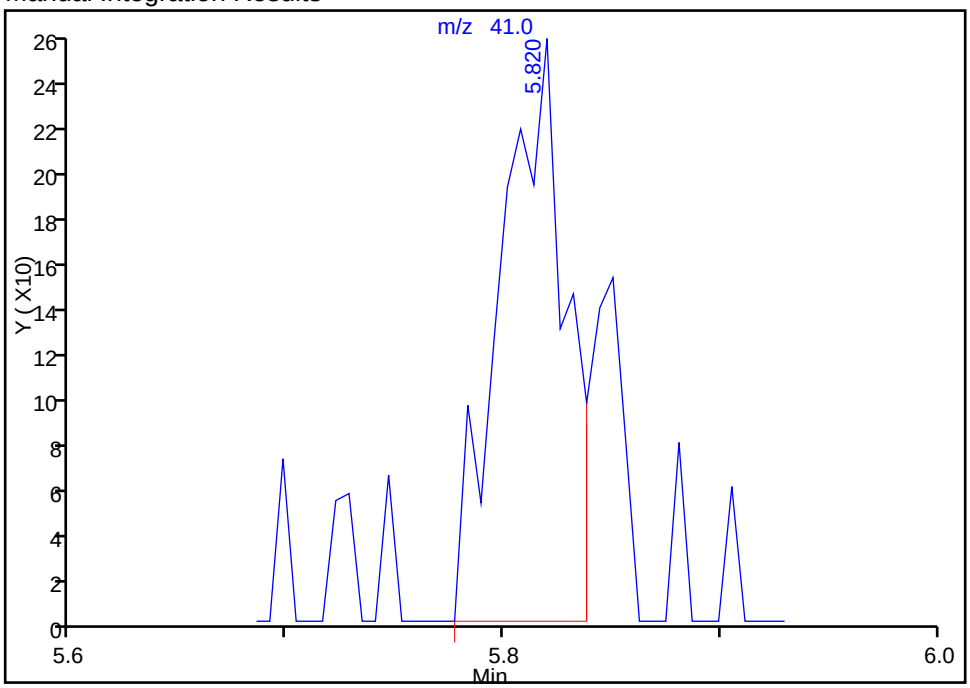
Processing Integration Results

RT: 5.82
Area: 293
Amount: 0.508599
Amount Units: ug/l



Manual Integration Results

RT: 5.82
Area: 536
Amount: 0.986360
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

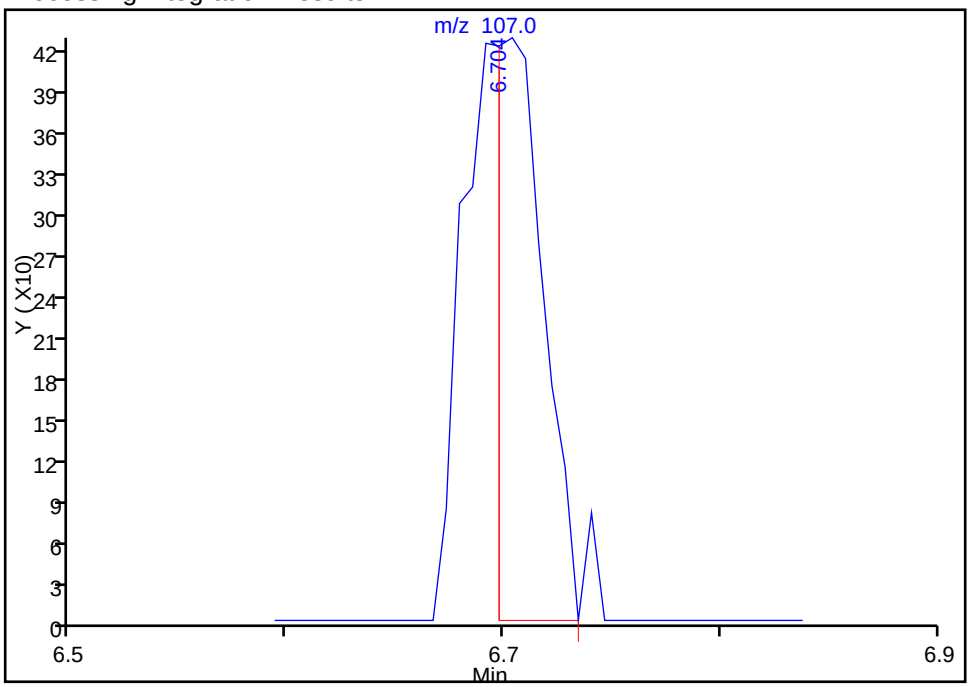
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

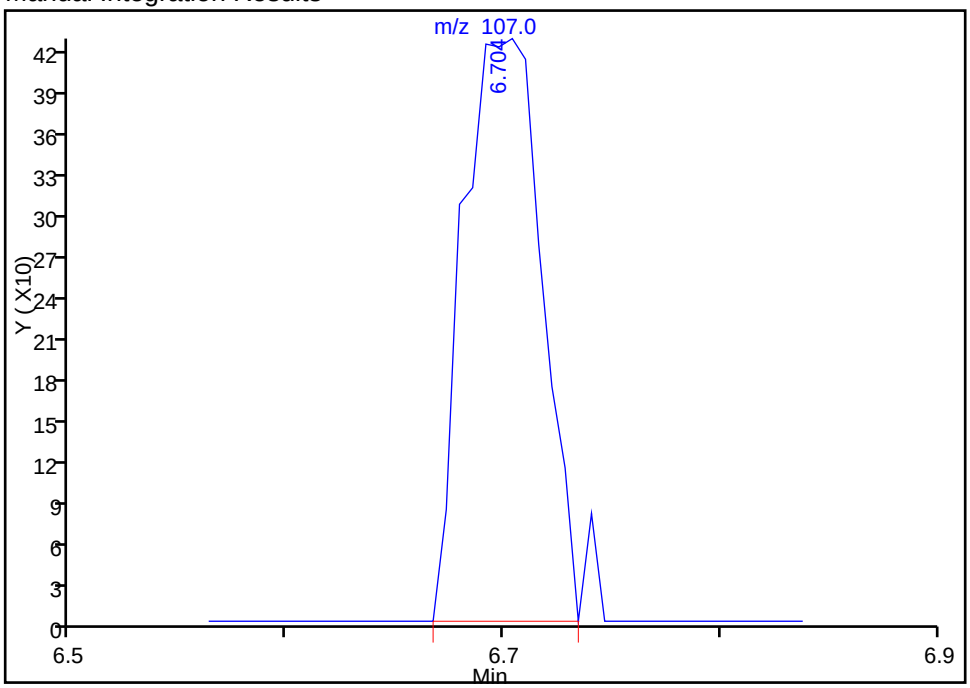
Processing Integration Results

RT: 6.70
Area: 658
Amount: 0.311797
Amount Units: ug/l



Manual Integration Results

RT: 6.70
Area: 1066
Amount: 0.478689
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

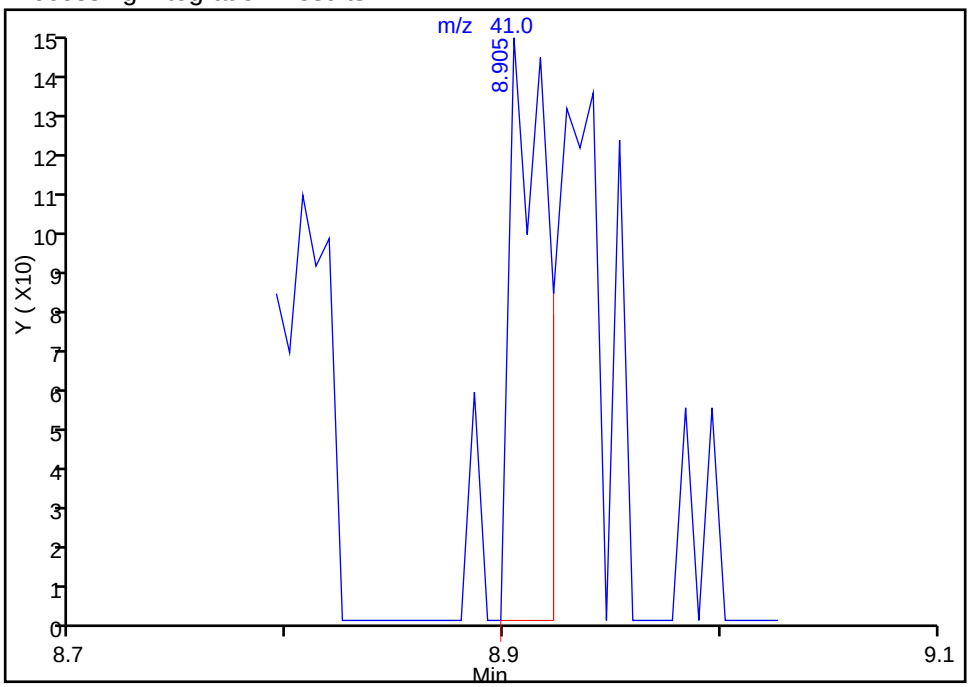
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Camphene, CAS: 79-92-5

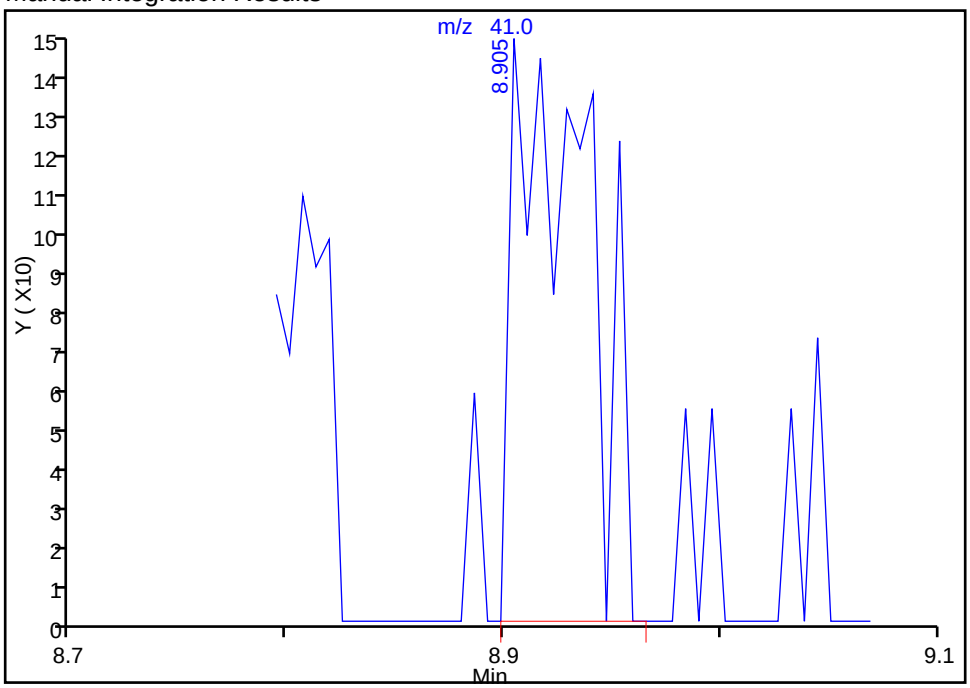
Processing Integration Results

RT: 8.90
Area: 173
Amount: 0.214964
Amount Units: ug/l



Manual Integration Results

RT: 8.90
Area: 358
Amount: 0.521321
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

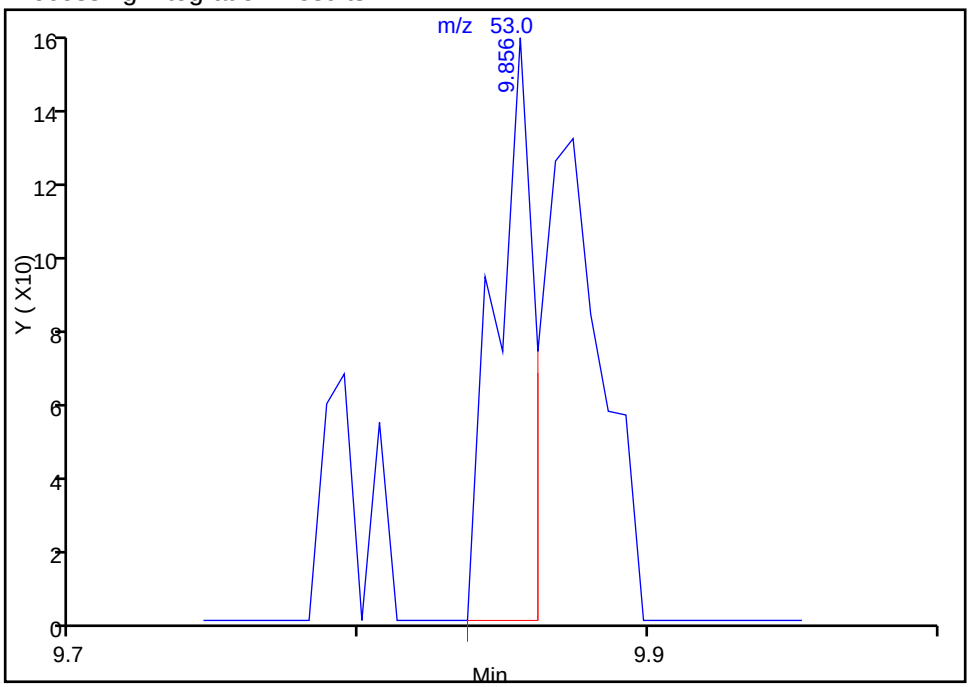
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

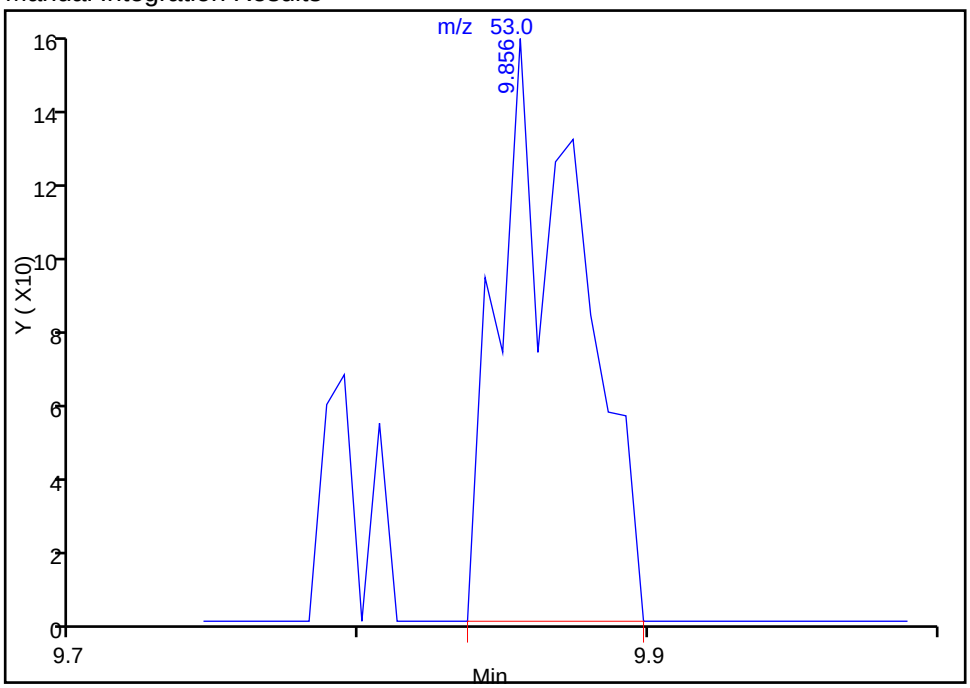
Processing Integration Results

RT: 9.86
Area: 143
Amount: 0.143275
Amount Units: ug/l



Manual Integration Results

RT: 9.86
Area: 306
Amount: 0.340507
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

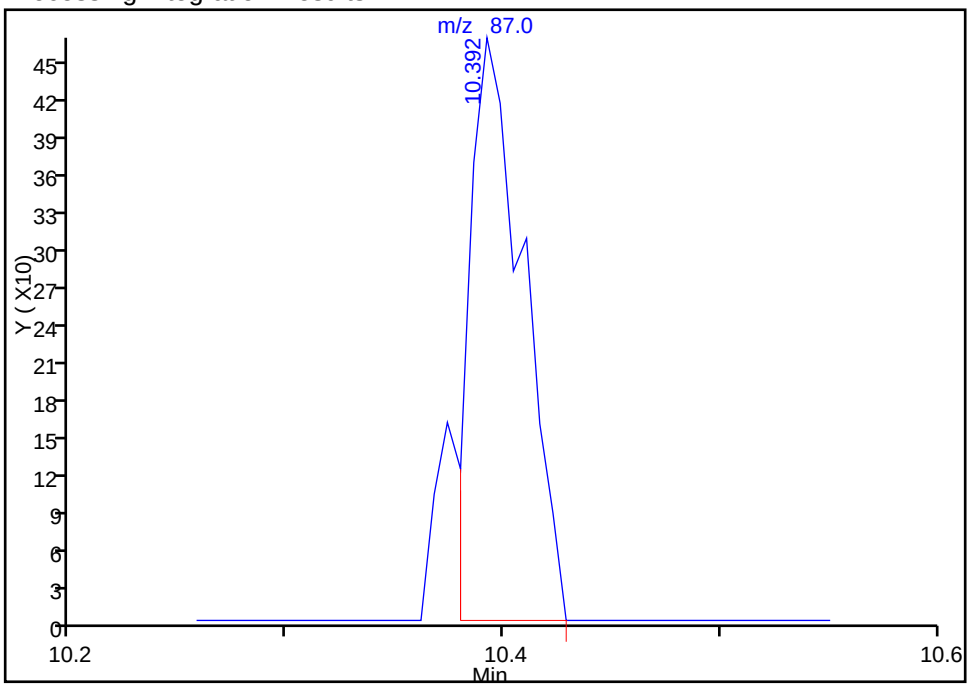
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

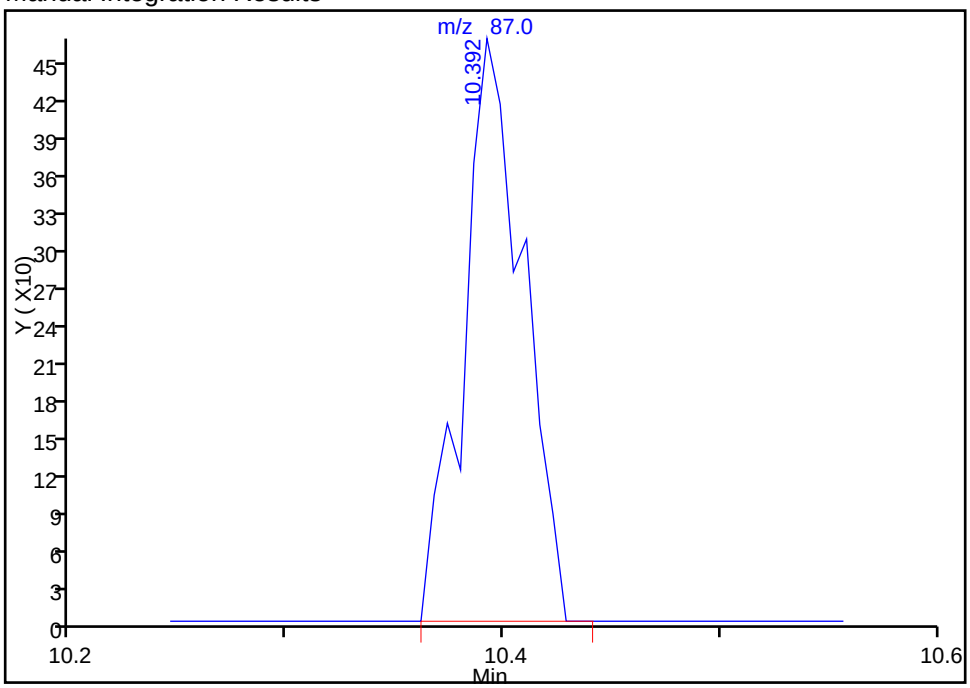
Processing Integration Results

RT: 10.39
Area: 796
Amount: 0.204587
Amount Units: ug/l



Manual Integration Results

RT: 10.39
Area: 890
Amount: 0.228746
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

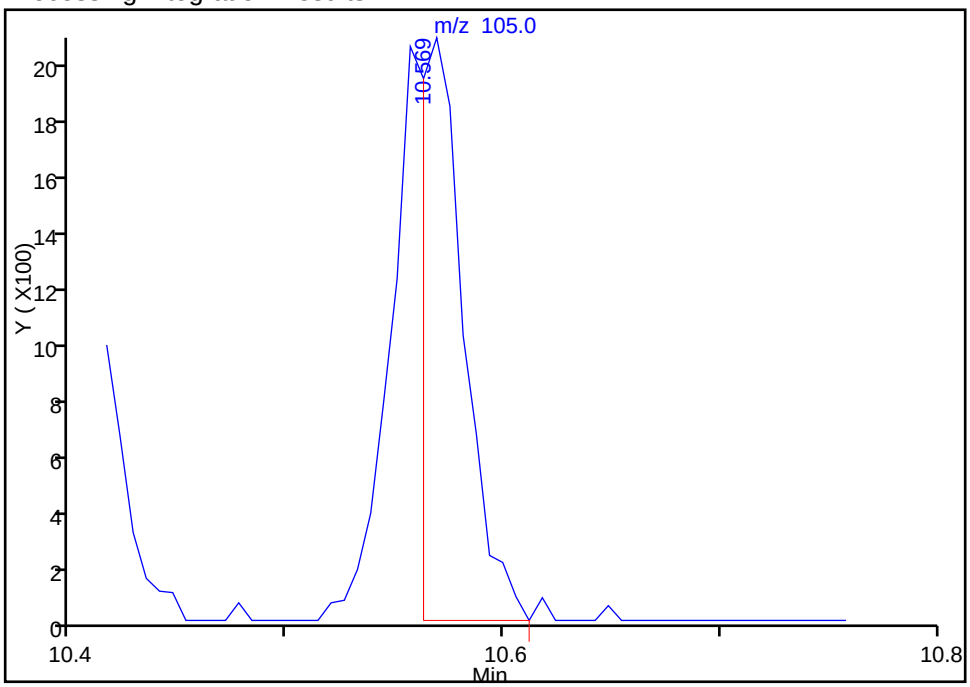
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01803.D
Injection Date: 29-Jul-2015 14:10:30 Instrument ID: CVOAMS13
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8

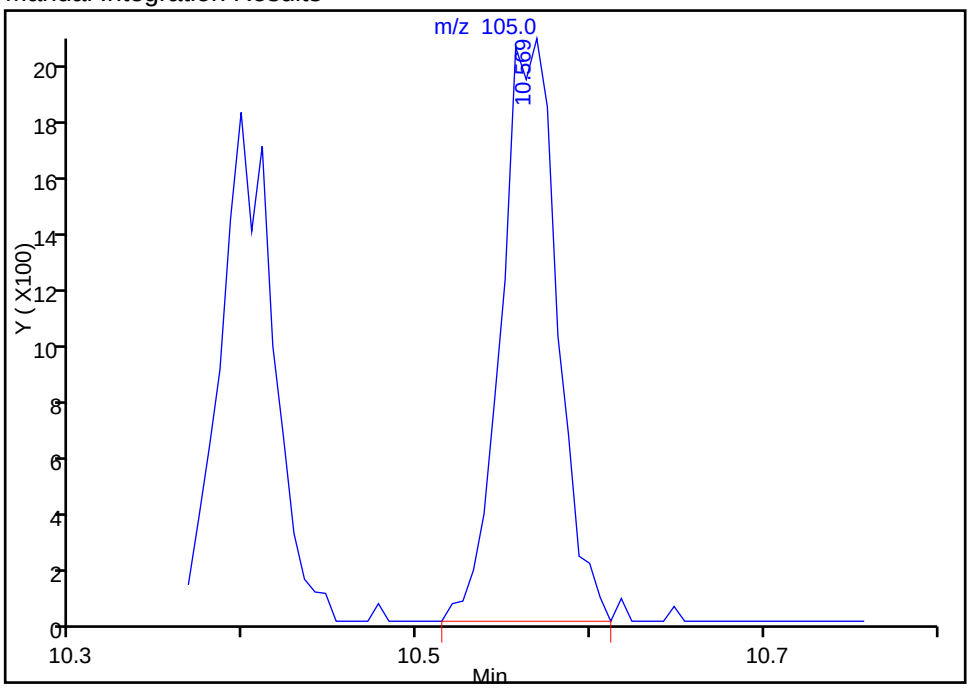
Processing Integration Results

RT: 10.57
Area: 2907
Amount: 0.223707
Amount Units: ug/l



Manual Integration Results

RT: 10.57
Area: 4624
Amount: 0.405901
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:11:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Jul-2015 15:00:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0030198-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:18 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:36:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	85	1011	5.00	4.55	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	14508	5.00	5.73	
3 Vinyl chloride	62	1.089	1.089	0.000	97	16660	5.00	5.58	
4 Chloromethane	50	1.089	1.095	-0.006	80	22817	5.00	5.50	
5 Butadiene	54	1.095	1.095	0.000	94	13672	5.00	5.25	
6 Bromomethane	94	1.260	1.260	0.000	96	3223	5.00	4.65	
7 Chloroethane	64	1.321	1.321	0.000	99	9731	5.00	5.74	
8 Pentane	72	1.394	1.394	0.000	98	2485	10.0	7.34	
9 Trichlorofluoromethane	101	1.394	1.400	-0.006	97	20420	5.00	5.23	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	98	28077	5.00	5.68	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	96	15490	5.00	4.71	
12 Ethyl ether	59	1.577	1.577	0.000	92	11570	5.00	4.93	
13 Ethanol	46	1.674	1.674	0.000	37	3272	200.0	164.8	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	99	11453	5.00	5.00	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	84	14563	5.00	4.77	
16 Carbon disulfide	76	1.699	1.699	0.000	100	41284	5.00	4.68	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	88	6342	5.00	3.44	
18 Iodomethane	142	1.766	1.766	0.000	98	3787	5.00	1.75	M
19 Cyclopentene	67	1.851	1.857	-0.006	97	30787	5.00	4.71	
20 Acrolein	56	1.882	1.882	0.000	92	2106	20.0	19.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	7014	5.00	5.17	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	13012	50.0	50.8	
23 Methylene Chloride	84	2.028	2.028	0.000	94	13056	5.00	4.83	
24 Acetone	43	2.058	2.058	0.000	87	34007	25.0	23.9	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	96	12889	5.00	4.79	
26 Methyl acetate	43	2.138	2.138	0.000	100	87473	25.0	23.0	
27 Hexane	57	2.192	2.168	0.024	64	14769	5.00	3.05	M
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	94	38108	5.00	4.82	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	321573	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	23068	50.0	48.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	100	25313	50.0	55.2	
32 Isopropyl ether	45	2.442	2.442	0.000	95	45986	5.00	4.77	
33 2-Chloro-1,3-butadiene	88	2.503	2.497	0.006	92	10453	5.00	4.90	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	24354	5.00	4.94	
35 Acrylonitrile	53	2.552	2.558	-0.006	95	55697	50.0	47.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	84	40712	5.00	4.78	
38 Allyl alcohol	57	2.692	2.692	0.000	42	19804	125.0	127.5	
37 Vinyl acetate	43	2.692	2.699	-0.007	93	32060	10.0	9.34	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	13590	5.00	5.04	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	96	16708	5.00	4.78	
41 Cyclohexane	56	3.028	3.034	-0.006	84	11046	5.00	3.30	
42 Chlorobromomethane	128	3.034	3.040	-0.006	94	6606	5.00	4.84	
43 Chloroform	83	3.101	3.095	0.006	98	21877	5.00	5.14	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	12697	5.00	4.47	
46 Methyl acrylate	55	3.204	3.205	-0.001	92	12157	5.00	4.70	
45 Ethyl acetate	43	3.204	3.205	-0.001	90	12686	10.0	9.18	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	11283	10.0	10.2	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	108256	50.0	51.3	
49 1,1,1-Trichloroethane	97	3.241	3.247	-0.006	35	17342	5.00	4.89	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	317015	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	98	9925	25.0	25.2	
51 1,1-Dichloropropene	75	3.339	3.345	-0.006	69	15464	5.00	4.64	
52 Isooctane	57	3.436	3.436	0.000	99	17348	5.00	3.32	
53 n-Heptane	57	3.528	3.528	0.000	39	2413	5.00	1.61	
54 Benzene	78	3.540	3.540	0.000	95	50359	5.00	4.80	
55 Propionitrile	54	3.570	3.576	-0.006	84	23138	50.0	48.4	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	57283	50.0	48.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	127622	50.0	50.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	51	33763	5.00	4.52	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	17098	5.00	4.73	
60 Isobutyl alcohol	43	3.784	3.790	-0.006	97	16415	125.0	114.5	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	99	510556	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	90	34927	10.0	6.18	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	23535	5.00	4.42	
63 Methylcyclohexane	83	4.034	4.040	-0.006	96	8323	5.00	2.42	
64 Trichloroethene	130	4.052	4.058	-0.006	95	12977	5.00	4.79	
66 n-Butanol	56	4.436	4.442	-0.006	73	8692	125.0	105.8	
67 Dibromomethane	93	4.442	4.442	0.000	93	7519	5.00	4.87	
68 1,2-Dichloropropane	63	4.533	4.540	-0.007	88	12568	5.00	4.81	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	14529	5.00	4.52	
70 Dichlorobromomethane	83	4.619	4.619	0.000	98	15382	5.00	4.83	
71 Methyl methacrylate	100	4.820	4.814	0.006	93	6413	10.0	8.86	
* 72 1,4-Dioxane-d8	96	4.802	4.820	-0.018	80	35268	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	89	3571	100.0	93.3	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	17854	5.00	4.47	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	97	6730	5.00	4.48	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	16967	5.00	4.43	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	412996	50.0	49.5	
78 Toluene	91	5.539	5.539	0.000	93	50427	5.00	4.67	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	24643	100.0	94.0	
80 2-Nitropropane	41	5.808	5.808	0.000	99	5449	10.0	8.53	
81 Tetrachloroethene	166	5.978	5.978	0.000	95	12879	5.00	4.55	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	99	58998	25.0	23.3	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	99	15261	5.00	4.43	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	93	9260	5.00	4.91	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	12944	5.00	4.49	
86 Chlorodibromomethane	129	6.436	6.436	0.000	97	11016	5.00	4.57	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	18536	5.00	4.81	
88 Ethylene Dibromide	107	6.698	6.692	0.006	98	10744	5.00	4.62	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	7953	5.00	4.31	
90 2-Hexanone	43	7.106	7.106	0.000	97	43832	25.0	23.7	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	388733	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	94	33134	5.00	4.65	
93 Ethylbenzene	106	7.502	7.496	0.006	98	17384	5.00	4.78	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	92	10896	5.00	4.63	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	20930	5.00	4.70	
96 o-Xylene	106	8.313	8.313	0.000	94	19460	5.00	4.68	
97 Bromoform	173	8.380	8.380	0.000	96	7741	5.00	4.30	
98 Styrene	104	8.399	8.399	0.000	96	30985	5.00	4.39	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	6855	5.00	4.21	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	50504	5.00	4.69	
101 Camphene	41	8.923	8.929	-0.006	96	3000	5.00	4.18	
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	87	19274	5.00	4.25	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	96	149664	50.0	50.5	
104 Bromobenzene	156	9.307	9.301	0.006	95	15790	5.00	4.60	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	58390	5.00	4.40	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	97	13904	5.00	4.57	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	44374	5.00	4.63	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	54797	5.00	4.53	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	97	4217	5.00	4.52	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	44506	5.00	4.59	
111 trans-1,4-Dichloro-2-buten	53	9.868	9.856	0.012	57	4349	5.00	4.83	M
112 4-Chlorotoluene	91	9.898	9.898	0.000	96	41724	5.00	4.76	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	36117	5.00	4.49	
114 Butyl Methacrylate	87	10.392	10.392	0.000	94	12004	5.00	3.08	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	45504	5.00	4.54	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	51195	5.00	4.48	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	96	30226	5.00	4.70	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	97	44741	5.00	4.57	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	236525	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	95	32749	5.00	4.77	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	93	50967	5.00	4.66	
122 Benzyl chloride	91	11.416	11.416	0.000	97	30854	5.00	4.25	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	97	27747	5.00	4.39	
124 n-Butylbenzene	91	11.496	11.496	0.000	99	41857	5.00	4.47	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	30725	5.00	4.72	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	98	37760	5.00	3.22	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	3488	5.00	4.72	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	24435	5.00	4.68	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	21643	5.00	4.44	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	95	8727	5.00	4.34	
131 Camphor	95	13.532	13.532	0.000	91	6595	25.0	18.5	
132 Naphthalene	128	13.568	13.562	0.006	99	47035	5.00	4.31	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	21554	5.00	4.72	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	9.82	
S 135 Xylenes, Total	100				0		10.0	9.38	
S 136 Total BTEX	1				0		25.0	23.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	1.00	Units: uL		
MIX 2 Hi_00033	Amount Added:	1.00	Units: uL		
ACROLEIN W_00040	Amount Added:	4.00	Units: uL		
MIX I Hi_00045	Amount Added:	1.00	Units: uL		
8260 MIX3 HI_00017	Amount Added:	1.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 31-Jul-2015 16:26:21 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D

Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13 Operator ID:

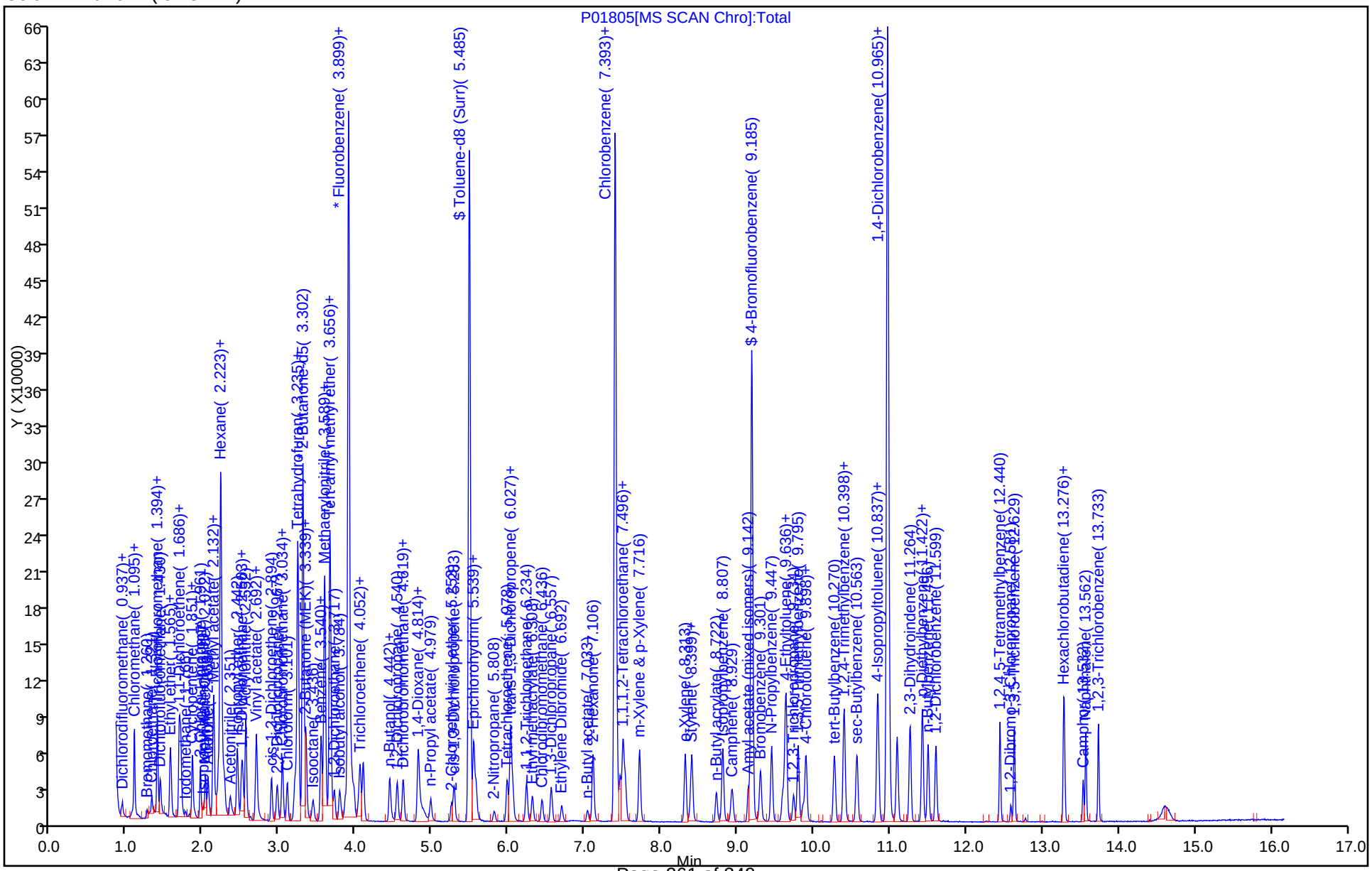
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

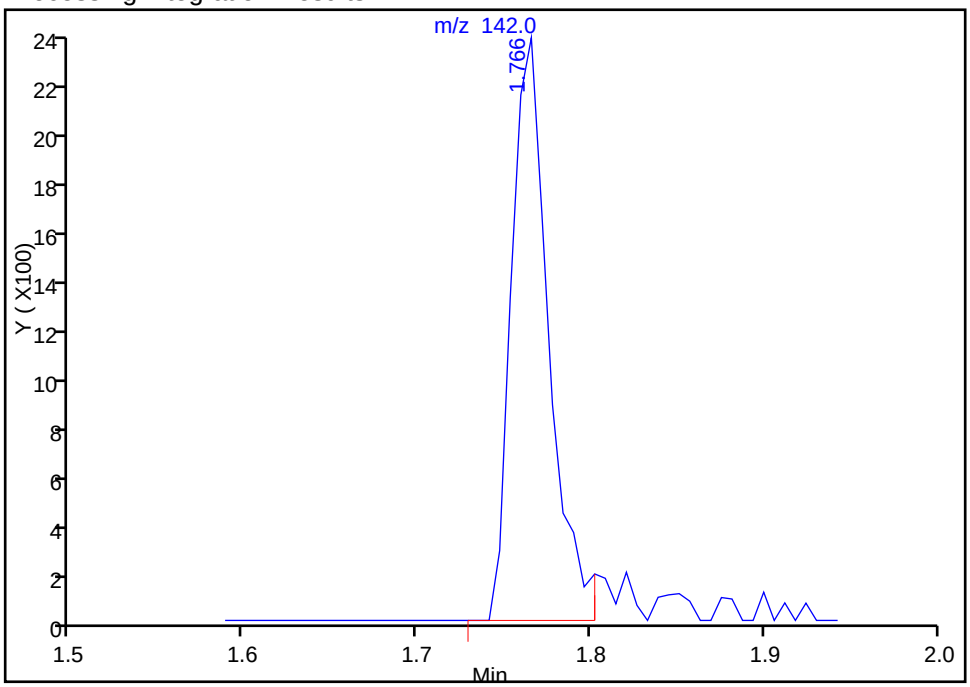
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Iodomethane, CAS: 74-88-4

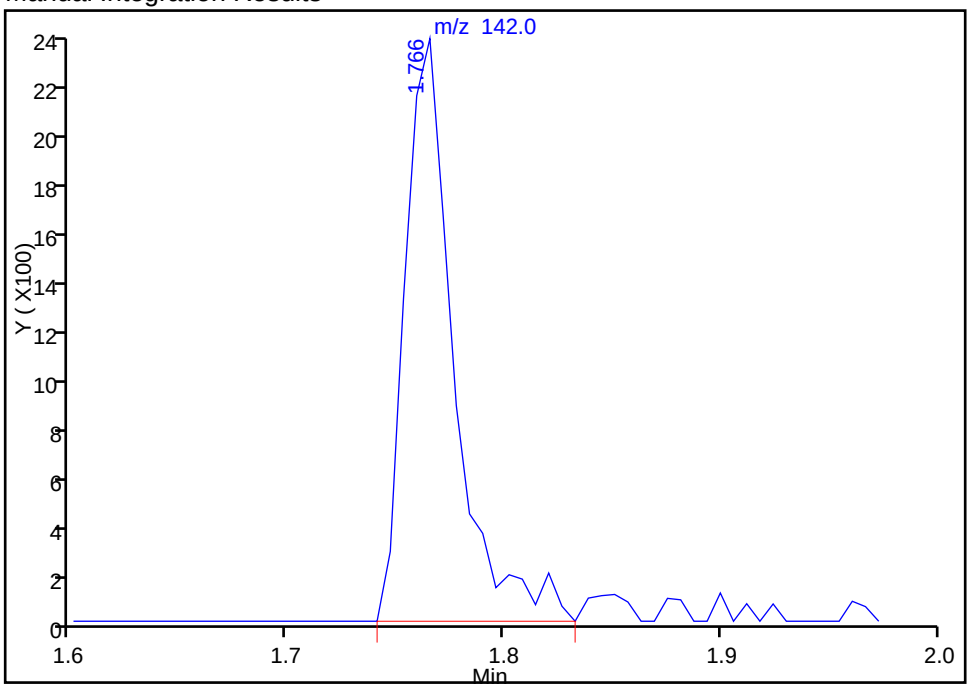
Processing Integration Results

RT: 1.77
Area: 3604
Amount: 1.667180
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 3787
Amount: 1.751741
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:34:51
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

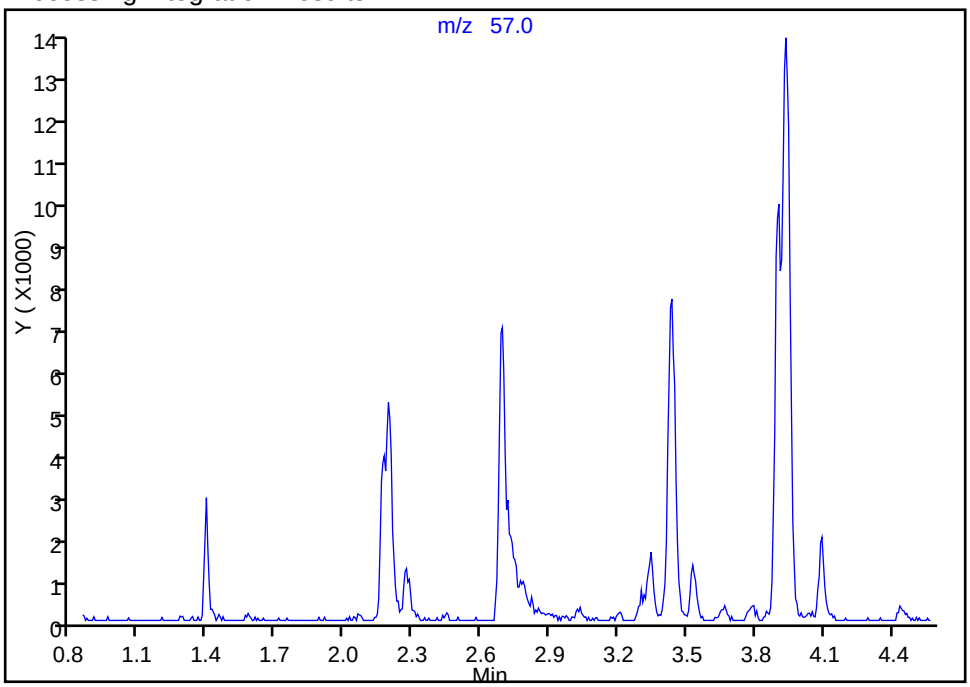
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Hexane, CAS: 110-54-3

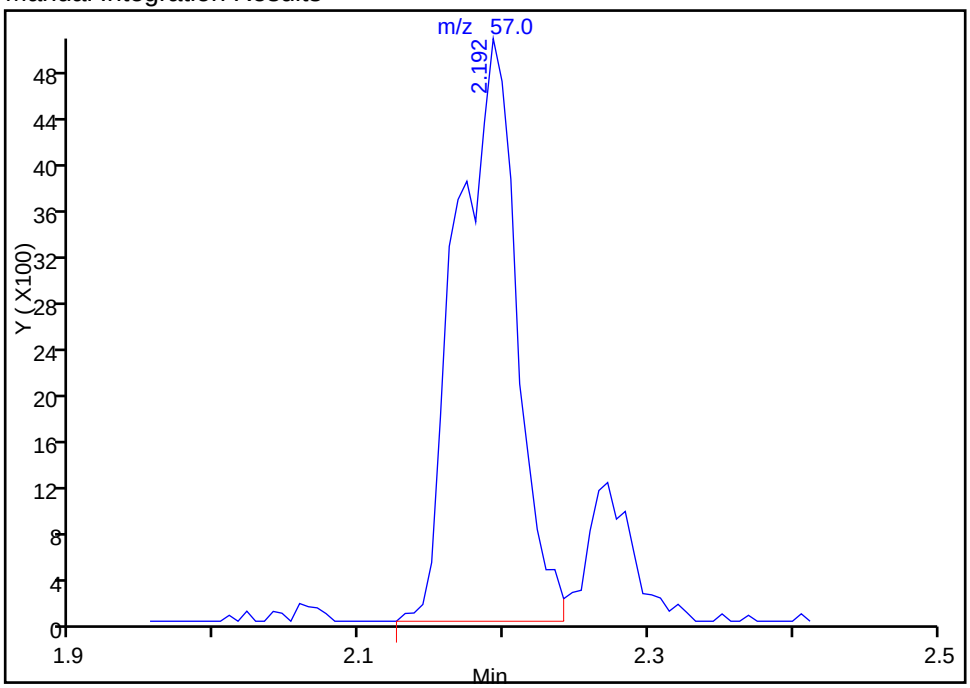
Not Detected
Expected RT: 2.17

Processing Integration Results



Manual Integration Results

RT: 2.19
Area: 14769
Amount: 3.054072
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:37:05
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

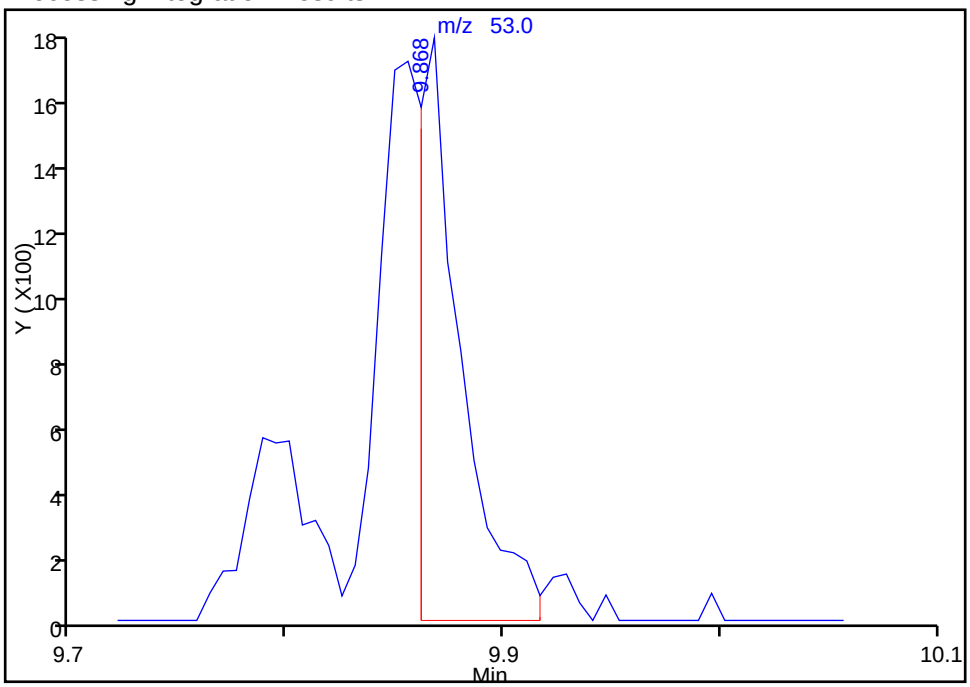
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01805.D
Injection Date: 29-Jul-2015 15:00:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

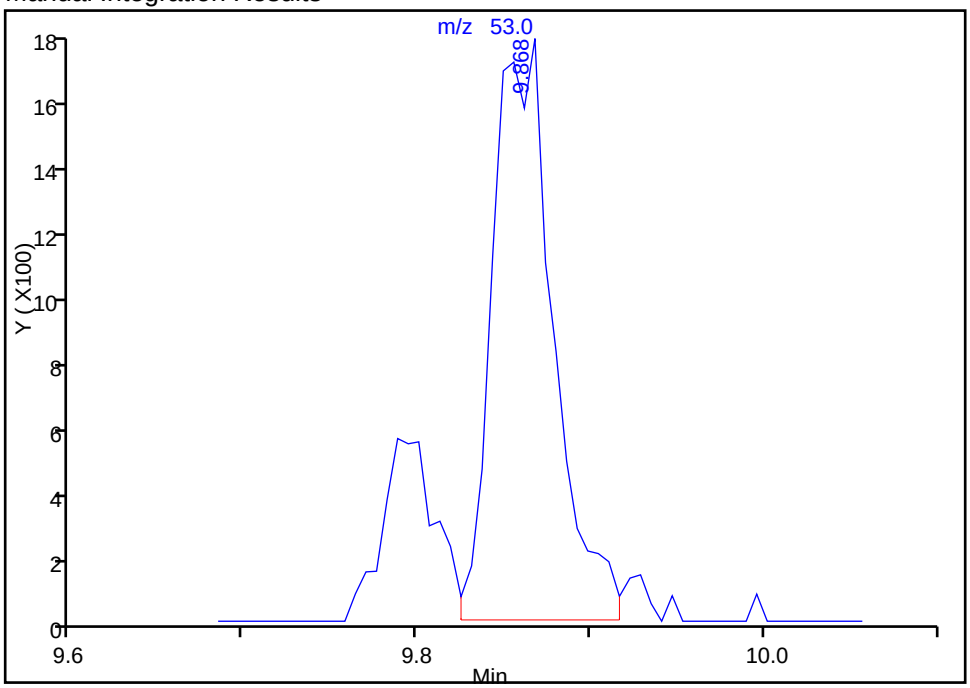
Processing Integration Results

RT: 9.87
Area: 2461
Amount: 2.459870
Amount Units: ug/l



Manual Integration Results

RT: 9.87
Area: 4349
Amount: 4.828650
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:13:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01806.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 29-Jul-2015 15:26:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0030198-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:23 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: delpolitov Date: 31-Jul-2015 16:18:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	4198	20.0	18.1	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	52093	20.0	19.7	
3 Vinyl chloride	62	1.089	1.089	0.000	98	60665	20.0	19.4	
4 Chloromethane	50	1.095	1.095	0.000	87	81780	20.0	18.9	
5 Butadiene	54	1.095	1.095	0.000	93	49102	20.0	18.0	
6 Bromomethane	94	1.260	1.260	0.000	98	13880	20.0	17.8	M
7 Chloroethane	64	1.321	1.321	0.000	99	37330	20.0	21.1	
8 Pentane	72	1.394	1.394	0.000	97	14134	40.0	37.9	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	98	75763	20.0	18.6	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	98597	20.0	19.1	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	68882	20.0	20.0	
12 Ethyl ether	59	1.577	1.577	0.000	93	48449	20.0	19.7	
13 Ethanol	46	1.674	1.674	0.000	36	16835	800.0	770.0	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	98	42418	20.0	17.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	88	57881	20.0	18.1	
16 Carbon disulfide	76	1.699	1.699	0.000	100	164605	20.0	17.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	91	34753	20.0	18.0	
18 Iodomethane	142	1.766	1.766	0.000	98	23233	20.0	10.2	
19 Cyclopentene	67	1.857	1.857	0.000	97	132218	20.0	19.3	
20 Acrolein	56	1.882	1.882	0.000	88	4466	40.0	37.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	27597	20.0	19.5	
22 Isopropyl alcohol	45	1.997	1.997	0.000	97	56653	200.0	201.0	
23 Methylene Chloride	84	2.028	2.028	0.000	95	55346	20.0	19.6	
24 Acetone	43	2.058	2.058	0.000	86	150002	100.0	92.6	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	51913	20.0	18.4	
26 Methyl acetate	43	2.138	2.138	0.000	100	408197	100.0	102.7	
27 Hexane	57	2.168	2.168	0.000	92	87950	20.0	17.4	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	167706	20.0	20.3	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	100	354043	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	81454	200.0	198.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	97063	200.0	192.3	
32 Isopropyl ether	45	2.442	2.442	0.000	97	190918	20.0	18.9	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	91	43935	20.0	19.7	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	100	98640	20.0	19.1	
35 Acrylonitrile	53	2.558	2.558	0.000	94	246636	200.0	199.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	89	171176	20.0	19.2	
38 Allyl alcohol	57	2.692	2.692	0.000	50	90836	500.0	531.4	
37 Vinyl acetate	43	2.699	2.699	0.000	100	131972	40.0	36.7	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	98	55735	20.0	19.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	66785	20.0	18.3	
41 Cyclohexane	56	3.034	3.034	0.000	93	64802	20.0	18.5	
42 Chlorobromomethane	128	3.040	3.040	0.000	94	28562	20.0	20.0	
43 Chloroform	83	3.095	3.095	0.000	99	88223	20.0	19.8	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	54136	20.0	18.2	
46 Methyl acrylate	55	3.205	3.205	0.000	94	58041	20.0	21.4	
45 Ethyl acetate	43	3.205	3.205	0.000	95	64188	40.0	40.4	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	49234	40.0	38.6	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	109017	50.0	49.4	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	68270	20.0	18.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	364274	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	43876	100.0	97.0	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	66	61599	20.0	17.7	
52 Isooctane	57	3.436	3.436	0.000	99	102105	20.0	18.7	
53 n-Heptane	57	3.528	3.528	0.000	95	21887	20.0	14.0	
54 Benzene	78	3.540	3.540	0.000	95	210425	20.0	19.5	
55 Propionitrile	54	3.576	3.576	0.000	98	103001	200.0	195.6	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	272980	200.0	219.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	130823	50.0	49.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	148093	20.0	19.0	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	70097	20.0	18.6	
60 Isobutyl alcohol	43	3.790	3.790	0.000	97	75341	500.0	477.2	
* 61 Fluorobenzene	96	3.900	3.900	0.000	98	533908	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	97	197522	40.0	33.5	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	120033	20.0	21.6	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	58903	20.0	16.4	
64 Trichloroethene	130	4.058	4.058	0.000	97	55040	20.0	19.4	
66 n-Butanol	56	4.442	4.442	0.000	73	48309	500.0	510.1	
67 Dibromomethane	93	4.442	4.442	0.000	92	31210	20.0	19.3	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	54396	20.0	19.9	
69 Ethyl acrylate	55	4.613	4.613	0.000	99	73678	20.0	21.9	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	65564	20.0	19.7	
71 Methyl methacrylate	100	4.814	4.814	0.000	93	33032	40.0	43.6	
* 72 1,4-Dioxane-d8	96	4.820	4.820	0.000	80	38810	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	89	18333	400.0	435.2	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	88973	20.0	21.3	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	35584	20.0	22.6	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	79259	20.0	20.1	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	429079	50.0	50.0	
78 Toluene	91	5.539	5.539	0.000	93	219580	20.0	19.8	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	120788	400.0	401.1	
80 2-Nitropropane	41	5.808	5.808	0.000	97	27013	40.0	40.4	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	54083	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	297610	100.0	102.2	
83 trans-1,3-Dichloropropene	75	6.052	6.052	0.000	96	70861	20.0	20.0	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	39444	20.0	20.3	
85 Ethyl methacrylate	69	6.308	6.308	0.000	90	64051	20.0	21.2	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	49208	20.0	19.8	
87 1,3-Dichloropropane	76	6.558	6.558	0.000	96	80301	20.0	20.2	
88 Ethylene Dibromide	107	6.692	6.692	0.000	99	48341	20.0	20.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	39599	20.0	20.8	
90 2-Hexanone	43	7.106	7.106	0.000	98	230552	100.0	108.4	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	400306	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	142615	20.0	19.4	
93 Ethylbenzene	106	7.496	7.496	0.000	98	74731	20.0	20.0	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	94	47902	20.0	19.8	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	90014	20.0	19.6	
96 o-Xylene	106	8.313	8.313	0.000	94	85879	20.0	20.0	
97 Bromoform	173	8.380	8.380	0.000	97	35076	20.0	18.9	
98 Styrene	104	8.399	8.399	0.000	96	150822	20.0	20.8	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	36621	20.0	20.6	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	226333	20.0	20.4	
101 Camphene	41	8.929	8.929	0.000	95	14005	20.0	19.0	
102 Amyl acetate (mixed isomer	43	9.136	9.136	0.000	90	98904	20.0	20.8	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	95	155479	50.0	50.9	
104 Bromobenzene	156	9.301	9.301	0.000	94	67061	20.0	19.4	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	264508	20.0	19.8	
106 1,1,2,2-Tetrachloroethane	83	9.594	9.594	0.000	98	62335	20.0	20.4	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	194065	20.0	20.1	
108 4-Ethyltoluene	105	9.636	9.636	0.000	99	255399	20.0	21.0	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	97	19476	20.0	20.8	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	199843	20.0	20.5	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	88	18744	20.0	20.7	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	181331	20.0	20.6	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	162147	20.0	20.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	93	67629	20.0	17.2	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	213665	20.0	21.2	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	232205	20.0	20.2	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	129215	20.0	20.0	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	215054	20.0	21.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	237965	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	97	134834	20.0	19.5	
121 2,3-Dihydroindene	117	11.258	11.258	0.000	94	238827	20.0	21.7	
122 Benzyl chloride	91	11.416	11.416	0.000	98	156216	20.0	20.5	
123 p-Diethylbenzene	119	11.429	11.429	0.000	95	135856	20.0	21.3	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	194770	20.0	20.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	98	129470	20.0	19.8	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.441	0.000	98	207092	20.0	17.5	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	15375	20.0	20.7	
128 1,3,5-Trichlorobenzene	180	12.623	12.623	0.000	98	109942	20.0	20.9	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	97673	20.0	19.9	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	36866	20.0	18.2	
131 Camphor	95	13.532	13.532	0.000	91	37411	100.0	104.6	
132 Naphthalene	128	13.562	13.562	0.000	99	236858	20.0	21.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	91280	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 135 Xylenes, Total	100				0		40.0	39.7	
S 136 Total BTEX	1				0		100.0	98.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	2.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
MIX I Hi_00045	Amount Added:	2.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	2.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2015 16:26:27 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01806.D

Injection Date: 29-Jul-2015 15:26:30 Instrument ID: CVOAMS13 Operator ID:

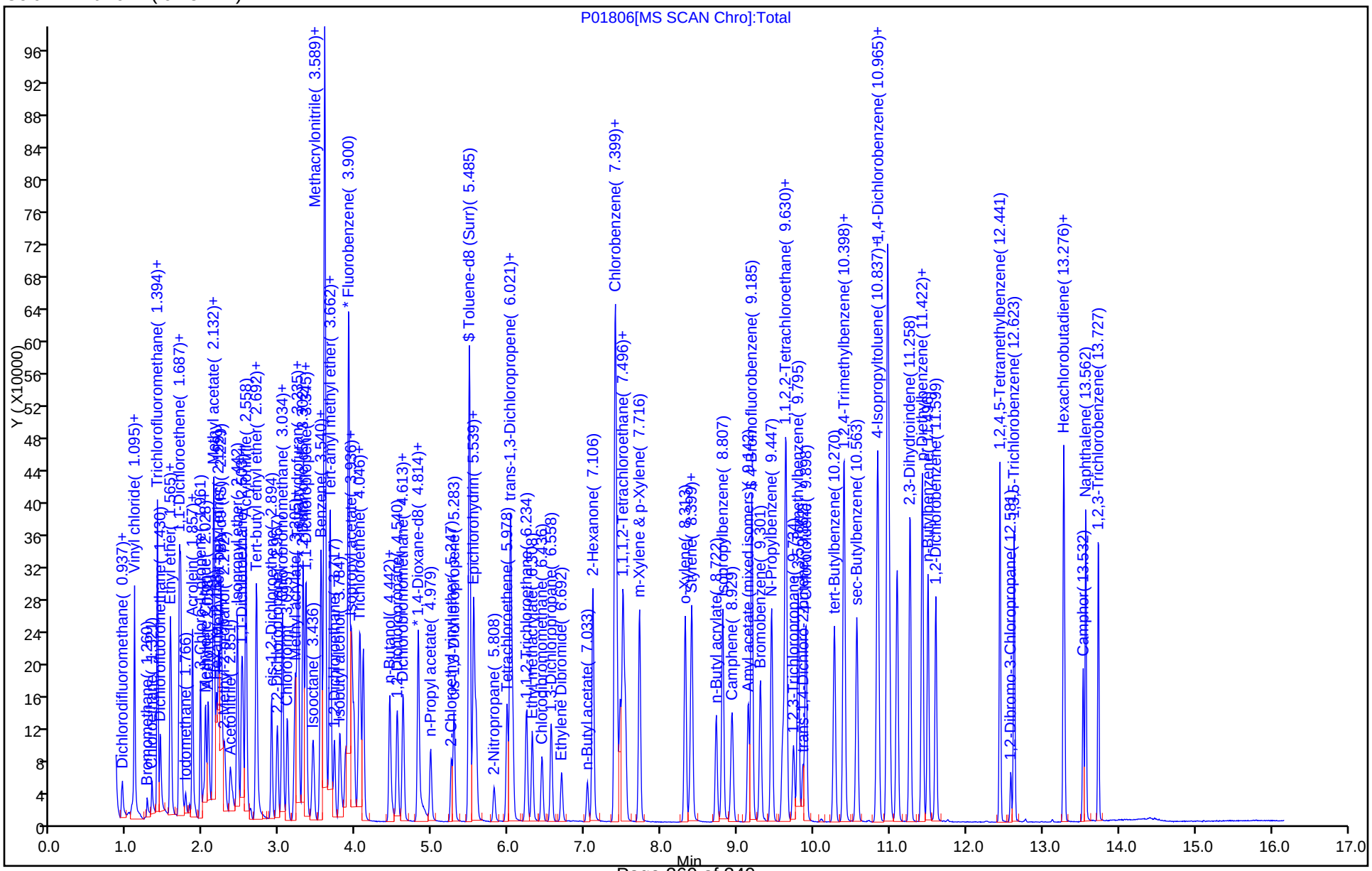
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

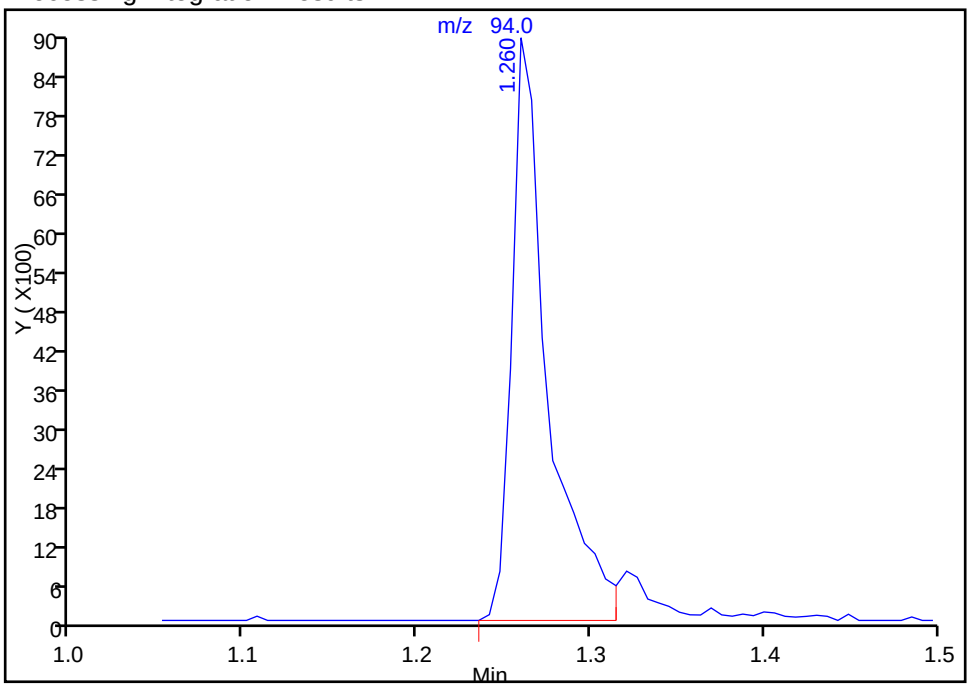
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01806.D
Injection Date: 29-Jul-2015 15:26:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Bromomethane, CAS: 74-83-9

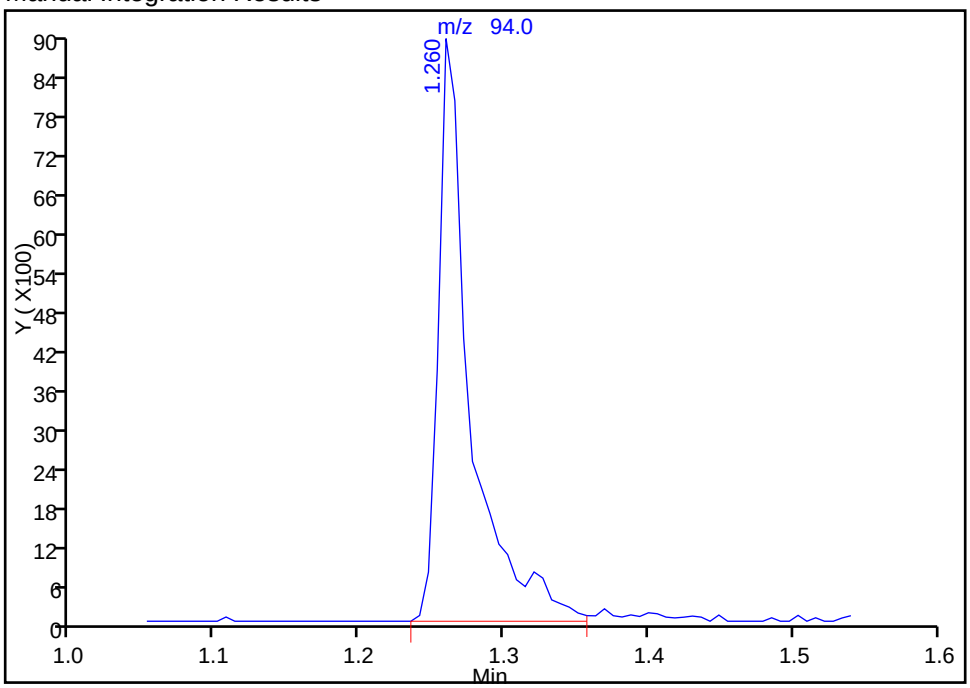
Processing Integration Results

RT: 1.26
Area: 12985
Amount: 13.410227
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 13880
Amount: 17.831493
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:32:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01807.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Jul-2015 15:51:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0030198-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:29 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:31:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	87	11656	50.0	48.1	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	140101	50.0	50.7	
3 Vinyl chloride	62	1.089	1.089	0.000	98	165073	50.0	50.7	
4 Chloromethane	50	1.095	1.095	0.000	66	218620	50.0	48.3	
5 Butadiene	54	1.095	1.095	0.000	94	133866	50.0	47.1	
6 Bromomethane	94	1.260	1.260	0.000	99	47061	50.0	52.4	
7 Chloroethane	64	1.321	1.321	0.000	99	84053	50.0	45.5	
8 Pentane	72	1.394	1.394	0.000	97	41288	100.0	104.9	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	207687	50.0	48.8	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	98	260403	50.0	48.3	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	98	186476	50.0	52.0	
12 Ethyl ether	59	1.577	1.577	0.000	94	125784	50.0	49.1	
13 Ethanol	46	1.680	1.674	0.006	96	41783	2000.0	1808.7	
14 1,1-Dichloroethene	96	1.686	1.680	0.006	98	114646	50.0	45.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	-0.001	88	155873	50.0	46.8	
16 Carbon disulfide	76	1.699	1.699	0.000	99	425559	50.0	44.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	97	90840	50.0	45.2	
18 Iodomethane	142	1.766	1.766	0.000	97	89071	50.0	37.3	
19 Cyclopentene	67	1.857	1.857	0.000	97	344515	50.0	48.3	
20 Acrolein	56	1.882	1.882	0.000	91	12423	100.0	98.4	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	75198	50.0	50.8	
22 Isopropyl alcohol	45	1.997	1.997	0.000	98	139790	500.0	469.5	
23 Methylene Chloride	84	2.028	2.028	0.000	95	143380	50.0	48.7	
24 Acetone	43	2.064	2.058	0.006	86	399492	250.0	236.5	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	135181	50.0	46.0	
26 Methyl acetate	43	2.138	2.138	0.000	100	1076595	250.0	259.5	
27 Hexane	57	2.168	2.168	0.000	92	228451	50.0	43.2	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	443443	50.0	51.4	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	99	374059	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	212252	500.0	515.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	257739	500.0	483.3	
32 Isopropyl ether	45	2.442	2.442	0.000	96	517110	50.0	49.2	
33 2-Chloro-1,3-butadiene	88	2.503	2.497	0.006	91	114530	50.0	49.2	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	259237	50.0	48.2	
35 Acrylonitrile	53	2.558	2.558	0.000	94	663524	500.0	513.1	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	90	461900	50.0	49.7	
38 Allyl alcohol	57	2.692	2.692	0.000	51	246048	1250.0	1362.3	
37 Vinyl acetate	43	2.698	2.699	-0.001	100	373849	100.0	99.8	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	146118	50.0	49.6	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	180759	50.0	47.4	
41 Cyclohexane	56	3.034	3.034	0.000	93	166656	50.0	45.6	
42 Chlorobromomethane	128	3.040	3.040	0.000	94	74066	50.0	49.7	
43 Chloroform	83	3.101	3.095	0.006	99	233310	50.0	50.2	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	143040	50.0	46.2	
46 Methyl acrylate	55	3.204	3.205	-0.001	94	151511	50.0	53.7	
45 Ethyl acetate	43	3.204	3.205	-0.001	99	166287	100.0	98.5	
47 Tetrahydrofuran	42	3.223	3.223	0.000	94	136750	100.0	100.7	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	108987	50.0	47.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	97	183330	50.0	47.4	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	387237	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	121518	250.0	252.6	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	97	158672	50.0	43.6	
52 Isooctane	57	3.436	3.436	0.000	99	329185	50.0	57.8	
53 n-Heptane	57	3.528	3.528	0.000	94	60087	50.0	36.8	
54 Benzene	78	3.546	3.540	0.006	96	557217	50.0	50.2	
55 Propionitrile	54	3.576	3.576	0.000	93	276066	500.0	496.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	94	695384	500.0	535.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	96	132903	50.0	47.8	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	412130	50.0	50.6	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	186339	50.0	47.3	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	219408	1250.0	1315.4	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	98	557040	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	96	581873	100.0	94.7	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	312531	50.0	53.8	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	150384	50.0	39.8	
64 Trichloroethene	130	4.058	4.058	0.000	96	145788	50.0	49.3	
66 n-Butanol	56	4.442	4.442	0.000	79	133153	1250.0	1305.9	
67 Dibromomethane	93	4.442	4.442	0.000	93	86214	50.0	51.2	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	90	144073	50.0	50.5	
69 Ethyl acrylate	55	4.607	4.613	-0.006	98	199148	50.0	56.7	
70 Dichlorobromomethane	83	4.619	4.619	0.000	100	177931	50.0	51.3	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	87928	100.0	111.3	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	46	40662	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	93	47152	1000.0	1068.3	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	245411	50.0	56.3	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	94529	50.0	57.6	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	218697	50.0	53.9	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	441630	50.0	50.0	
78 Toluene	91	5.539	5.539	0.000	93	575401	50.0	50.4	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	338956	1000.0	1058.7	
80 2-Nitropropane	41	5.808	5.808	0.000	96	73257	100.0	105.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	97	142292	50.0	47.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.021	0.000	98	827127	250.0	267.3	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	198225	50.0	54.3	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	106505	50.0	53.3	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	182816	50.0	58.1	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	136368	50.0	53.5	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	218475	50.0	53.6	
88 Ethylene Dibromide	107	6.692	6.692	0.000	100	131586	50.0	53.5	
89 n-Butyl acetate	43	7.027	7.033	-0.006	98	108781	50.0	55.7	
90 2-Hexanone	43	7.100	7.106	-0.006	97	662617	250.0	293.0	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	411490	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	380461	50.0	50.4	
93 Ethylbenzene	106	7.502	7.496	0.006	98	196416	50.0	51.1	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	129717	50.0	52.1	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	243288	50.0	51.6	
96 o-Xylene	106	8.313	8.313	0.000	94	235828	50.0	53.5	
97 Bromoform	173	8.380	8.380	0.000	97	98491	50.0	51.7	
98 Styrene	104	8.399	8.399	0.000	95	415930	50.0	55.7	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	103167	50.0	55.4	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	601952	50.0	52.9	
101 Camphene	41	8.923	8.929	-0.006	96	40736	50.0	53.7	
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	89	274645	50.0	55.6	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	95	157939	50.0	50.3	
104 Bromobenzene	156	9.301	9.301	0.000	95	179457	50.0	51.0	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	710934	50.0	52.3	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	169239	50.0	54.3	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	503458	50.0	51.3	
108 4-Ethyltoluene	105	9.636	9.636	0.000	97	662458	50.0	53.4	
109 1,2,3-Trichloropropane	110	9.734	9.734	0.000	98	51851	50.0	54.2	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	530443	50.0	53.4	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	91	52142	50.0	56.5	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	474944	50.0	52.9	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	430698	50.0	52.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	92	187698	50.0	46.7	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	562524	50.0	54.7	
116 sec-Butylbenzene	105	10.563	10.563	0.000	99	613730	50.0	52.4	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	341000	50.0	51.8	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	569470	50.0	56.8	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	242420	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	96	344477	50.0	48.9	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	94	599548	50.0	53.5	
122 Benzyl chloride	91	11.416	11.416	0.000	97	424873	50.0	53.7	
123 p-Diethylbenzene	119	11.422	11.429	-0.007	94	358547	50.0	55.3	
124 n-Butylbenzene	91	11.496	11.496	0.000	98	496386	50.0	51.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	333663	50.0	50.0	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	98	560969	50.0	46.7	
127 1,2-Dibromo-3-Chloropropan	157	12.581	12.587	-0.006	95	41440	50.0	54.7	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	97	271433	50.0	50.7	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	256822	50.0	51.4	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	95811	50.0	46.4	
131 Camphor	95	13.532	13.532	0.000	91	110479	250.0	303.1	
132 Naphthalene	128	13.562	13.562	0.000	99	639356	50.0	57.1	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	236041	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	95.7	
S 135 Xylenes, Total	100				0		100.0	105.1	
S 136 Total BTEX	1				0		250.0	256.8	

Reagents:

GAS Hi_00106	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00033	Amount Added:	5.00	Units: uL		
ACROLEIN W_00040	Amount Added:	10.00	Units: uL		
MIX I Hi_00045	Amount Added:	5.00	Units: uL		
8260 MIX3 HI_00017	Amount Added:	5.00	Units: uL		
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 31-Jul-2015 16:26:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01807.D

Injection Date: 29-Jul-2015 15:51:30 Instrument ID: CVOAMS13 Operator ID:

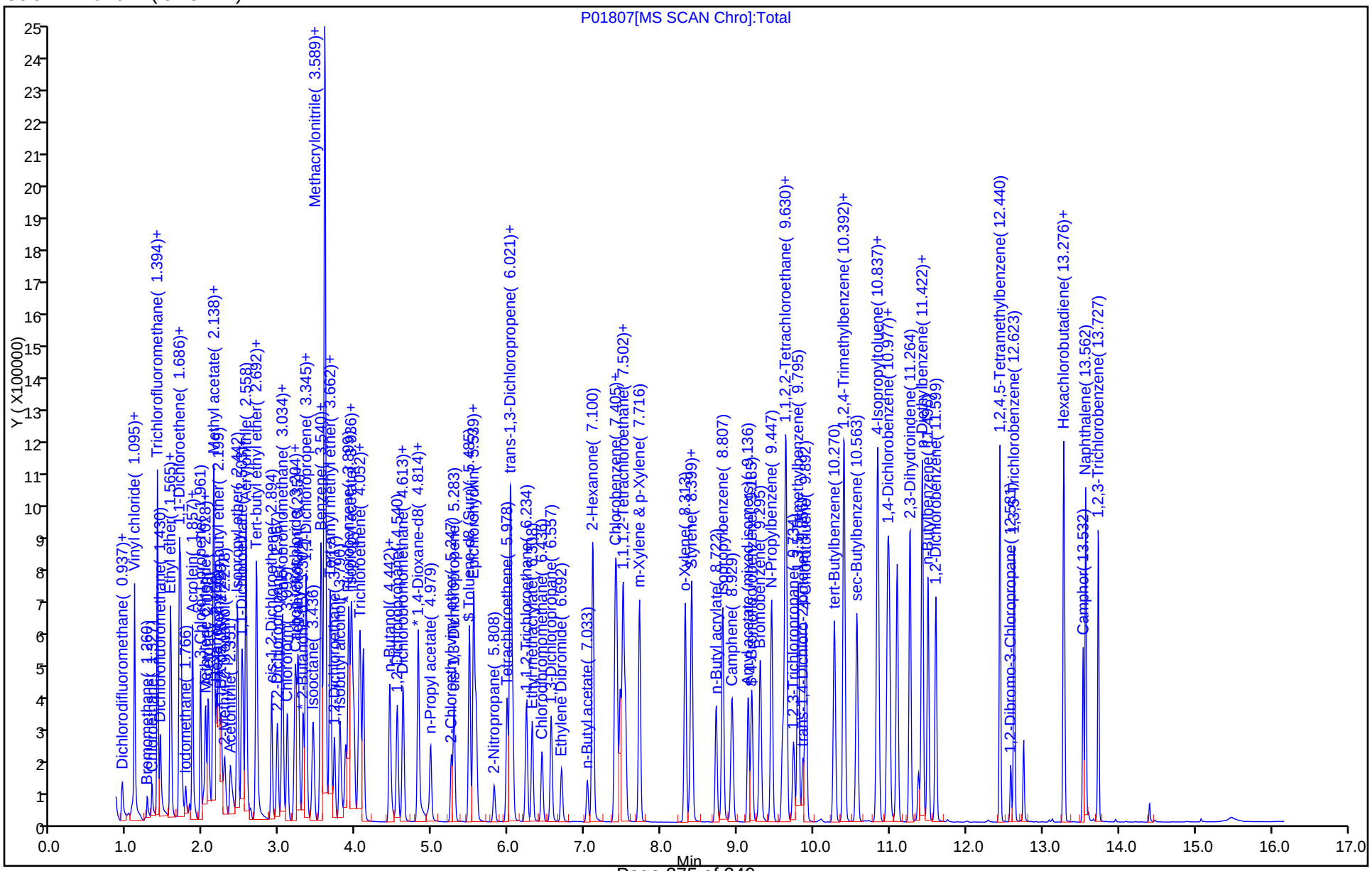
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01808.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Jul-2015 16:16:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0030198-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:33 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:33:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	57679	200.0	233.2	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	523585	200.0	185.8	
3 Vinyl chloride	62	1.083	1.089	-0.006	98	591899	200.0	178.2	
4 Chloromethane	50	1.095	1.095	0.000	99	789095	200.0	171.0	
5 Butadiene	54	1.095	1.095	0.000	96	499056	200.0	172.3	
6 Bromomethane	94	1.260	1.260	0.000	99	262736	200.0	215.3	
7 Chloroethane	64	1.321	1.321	0.000	100	316054	200.0	167.7	
8 Pentane	72	1.394	1.394	0.000	97	174986	400.0	461.8	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	97	767136	200.0	176.7	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	99	948721	200.0	172.6	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	97	773867	200.0	211.5	
12 Ethyl ether	59	1.577	1.577	0.000	94	492930	200.0	188.8	
13 Ethanol	46	1.674	1.674	0.000	98	168172	8000.0	7561.5	
14 1,1-Dichloroethene	96	1.680	1.680	0.000	98	493174	200.0	193.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	88	665756	200.0	196.0	
16 Carbon disulfide	76	1.699	1.699	0.000	100	1822515	200.0	185.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	96	459429	200.0	224.2	
18 Iodomethane	142	1.766	1.766	0.000	97	530721	200.0	205.8	
19 Cyclopentene	67	1.851	1.857	-0.006	97	1442022	200.0	198.3	
20 Acrolein	56	1.882	1.882	0.000	96	23545	200.0	193.7	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	307429	200.0	203.7	
22 Isopropyl alcohol	45	2.003	1.997	0.006	99	516336	2000.0	1801.3	
23 Methylene Chloride	84	2.022	2.028	-0.006	95	568426	200.0	189.1	
24 Acetone	43	2.058	2.058	0.000	86	1476356	1000.0	1008.0	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	95	553778	200.0	184.9	
26 Methyl acetate	43	2.138	2.138	0.000	100	4566217	1000.0	1079.1	
27 Hexane	57	2.168	2.168	0.000	96	1105573	200.0	203.0	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	1743571	200.0	198.3	
* 29 TBA-d9 (IS)	65	2.229	2.229	0.000	99	360128	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.278	2.278	0.000	99	772313	2000.0	1994.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	99	1028755	2000.0	2003.8	
32 Isopropyl ether	45	2.442	2.442	0.000	97	2216026	200.0	206.6	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	91	477765	200.0	201.2	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	99	1011643	200.0	184.5	
35 Acrylonitrile	53	2.558	2.558	0.000	94	2459988	2000.0	1865.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	88	1990089	200.0	209.9	
38 Allyl alcohol	57	2.692	2.692	0.000	49	1008602	5000.0	5800.4	
37 Vinyl acetate	43	2.698	2.699	-0.001	100	1470174	400.0	384.7	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	581660	200.0	193.7	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	99	760256	200.0	195.4	
41 Cyclohexane	56	3.034	3.034	0.000	93	865293	200.0	232.2	
42 Chlorobromomethane	128	3.040	3.040	0.000	90	287086	200.0	189.0	
43 Chloroform	83	3.095	3.095	0.000	99	921346	200.0	194.5	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	653362	200.0	206.7	
46 Methyl acrylate	55	3.204	3.205	-0.001	94	600886	200.0	208.6	
45 Ethyl acetate	43	3.204	3.205	-0.001	97	652610	400.0	400.9	
47 Tetrahydrofuran	42	3.217	3.223	-0.006	95	519016	400.0	396.3	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	112183	50.0	47.8	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	98	785644	200.0	199.2	
* 157 2-Butanone-d5	46	3.308	3.302	0.006	0	373516	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	100	453554	1000.0	977.4	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	97	680534	200.0	183.3	
52 Isooctane	57	3.436	3.436	0.000	99	1410609	200.0	242.7	
53 n-Heptane	57	3.534	3.528	0.006	96	345127	200.0	206.0	
54 Benzene	78	3.546	3.540	0.006	96	2233909	200.0	196.0	
55 Propionitrile	54	3.589	3.576	0.013	94	1103895	2000.0	2061.2	
56 Methacrylonitrile	67	3.601	3.589	0.012	94	2715827	2000.0	2048.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	40	134899	50.0	47.6	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	98	1799060	200.0	216.7	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	721816	200.0	179.6	
60 Isobutyl alcohol	43	3.790	3.790	0.000	96	871254	5000.0	5425.5	
* 61 Fluorobenzene	96	3.906	3.900	0.006	98	568138	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.936	0.006	95	2500487	400.0	403.3	
62 Isopropyl acetate	43	3.973	3.973	0.000	99	1250119	200.0	211.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	96	814522	200.0	204.2	
64 Trichloroethene	130	4.058	4.058	0.000	96	596226	200.0	197.6	
66 n-Butanol	56	4.442	4.442	0.000	88	549596	5000.0	5250.5	
67 Dibromomethane	93	4.442	4.442	0.000	93	341144	200.0	198.6	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	91	583174	200.0	200.4	
69 Ethyl acrylate	55	4.607	4.613	-0.006	98	792153	200.0	221.3	
70 Dichlorobromomethane	83	4.619	4.619	0.000	99	733687	200.0	207.2	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	347063	400.0	430.9	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	41	38498	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	96	170362	4000.0	4076.6	
74 n-Propyl acetate	43	4.979	4.979	-0.001	99	935375	200.0	210.2	
75 2-Chloroethyl vinyl ether	63	5.247	5.247	0.000	97	381072	200.0	227.8	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	915154	200.0	219.6	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	-0.001	99	453319	50.0	50.0	
78 Toluene	91	5.545	5.539	0.006	92	2351187	200.0	200.4	
79 Epichlorohydrin	57	5.576	5.570	0.006	100	1287143	4000.0	4168.1	
80 2-Nitropropane	41	5.808	5.808	0.000	98	306372	400.0	431.1	
81 Tetrachloroethene	166	5.978	5.978	0.000	98	611742	200.0	199.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	98	3132463	1000.0	1049.3	
83 trans-1,3-Dichloropropene	75	6.058	6.052	0.006	98	820192	200.0	218.8	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	430787	200.0	210.1	
85 Ethyl methacrylate	69	6.308	6.308	0.000	91	721889	200.0	225.0	
86 Chlorodibromomethane	129	6.442	6.436	0.006	98	574228	200.0	219.1	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	876485	200.0	209.2	
88 Ethylene Dibromide	107	6.698	6.692	0.006	98	532045	200.0	210.5	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	442878	200.0	220.9	
90 2-Hexanone	43	7.106	7.106	0.000	98	2414639	1000.0	1106.8	
* 91 Chlorobenzene-d5	117	7.399	7.393	0.006	84	422624	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	95	1550136	200.0	199.9	
93 Ethylbenzene	106	7.502	7.496	0.006	98	816077	200.0	206.5	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	556145	200.0	217.4	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	1001338	200.0	206.8	
96 o-Xylene	106	8.319	8.313	0.006	94	970950	200.0	214.6	
97 Bromoform	173	8.386	8.380	0.006	96	424342	200.0	216.9	
98 Styrene	104	8.405	8.399	0.006	96	1729569	200.0	225.4	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	433754	200.0	213.6	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	2583705	200.0	220.9	
101 Camphene	41	8.929	8.929	0.000	95	181147	200.0	232.4	
102 Amyl acetate (mixed isomer	43	9.142	9.136	0.006	89	1088865	200.0	209.9	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	94	157943	50.0	49.0	
104 Bromobenzene	156	9.301	9.301	0.000	94	717812	200.0	203.8	
105 N-Propylbenzene	91	9.453	9.447	0.006	99	3064091	200.0	225.0	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	663941	200.0	212.6	
107 2-Chlorotoluene	91	9.630	9.624	0.006	97	2103329	200.0	213.9	
108 4-Ethyltoluene	105	9.642	9.636	0.006	99	2775212	200.0	223.4	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	98	202056	200.0	211.0	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	94	2242272	200.0	225.3	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.856	0.000	91	207971	200.0	224.9	
112 4-Chlorotoluene	91	9.898	9.898	0.000	97	1951781	200.0	217.0	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	1883776	200.0	228.3	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	824932	200.0	201.7	
115 1,2,4-Trimethylbenzene	105	10.404	10.398	0.006	97	2358297	200.0	229.0	
116 sec-Butylbenzene	105	10.569	10.563	0.006	99	2746865	200.0	234.3	
117 1,3-Dichlorobenzene	146	10.837	10.831	0.006	98	1389990	200.0	210.6	
118 4-Isopropyltoluene	119	10.849	10.843	0.006	98	2530109	200.0	252.0	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.965	0.006	94	242831	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.996	10.990	0.006	96	1396883	200.0	198.0	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	94	2464852	200.0	219.7	
122 Benzyl chloride	91	11.416	11.416	0.000	99	1816049	200.0	213.8	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	95	1502547	200.0	231.4	
124 n-Butylbenzene	91	11.502	11.496	0.006	98	2217670	200.0	230.6	
125 1,2-Dichlorobenzene	146	11.605	11.599	0.006	99	1346145	200.0	201.3	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	97	2425160	200.0	201.7	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	169243	200.0	223.0	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	98	1144225	200.0	213.4	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	1074811	200.0	214.9	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	442666	200.0	214.2	
131 Camphor	95	13.532	13.532	0.000	92	422960	1000.0	1158.4	
132 Naphthalene	128	13.568	13.562	0.006	99	2517061	200.0	224.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	961104	200.0	204.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	378.5	
S 135 Xylenes, Total	100				0		400.0	421.4	
S 136 Total BTEX	1				0		1000.0	1024.4	

Reagents:

GAS Hi_00106	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00040	Amount Added:	20.00	Units: uL	
MIX I Hi_00045	Amount Added:	20.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

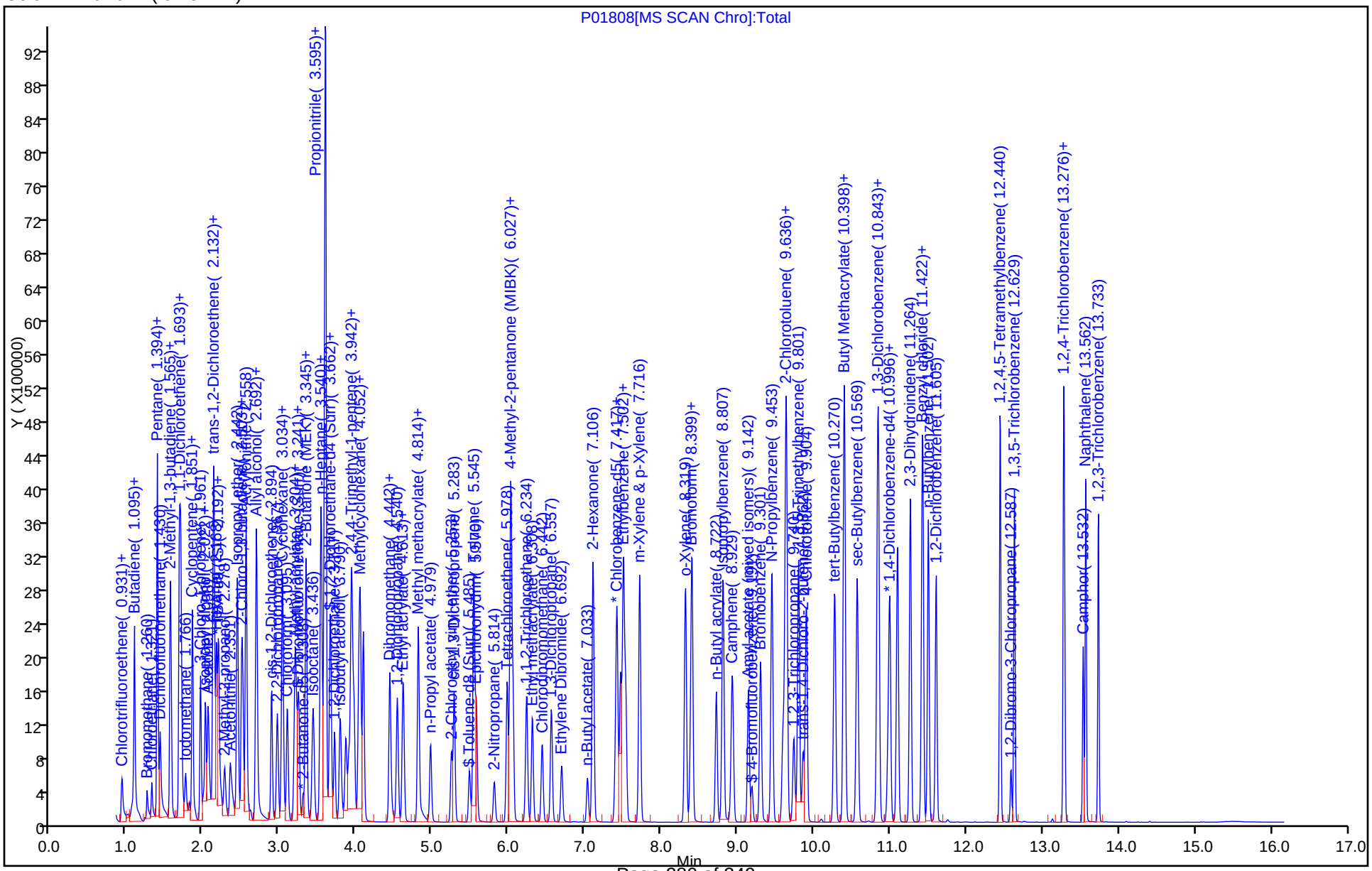
Report Date: 31-Jul-2015 16:26:36 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01808.D

Injection Date:	29-Jul-2015 16:16:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01809.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Jul-2015 16:41:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0030198-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:37 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:34:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	88	151985	500.0	586.8	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	99	1290244	500.0	437.3	
3 Vinyl chloride	62	1.083	1.089	-0.006	98	1561087	500.0	448.8	
4 Chloromethane	50	1.089	1.095	-0.006	99	2143889	500.0	443.7	
5 Butadiene	54	1.095	1.095	0.000	97	1300366	500.0	428.9	
6 Bromomethane	94	1.260	1.260	0.000	99	916430	500.0	491.2	
7 Chloroethane	64	1.321	1.321	0.000	100	964405	500.0	488.7	
8 Pentane	72	1.394	1.394	0.000	97	418085	1000.0	1079.0	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	98	1935035	500.0	425.7	
10 Dichlorofluoromethane	67	1.430	1.437	-0.007	99	2543965	500.0	442.0	
11 2-Methyl-1,3-butadiene	67	1.565	1.565	0.000	97	1888253	500.0	492.9	
12 Ethyl ether	59	1.577	1.577	0.000	95	1249809	500.0	457.3	
13 Ethanol	46	1.680	1.674	0.006	99	434489	20000	19105	
14 1,1-Dichloroethene	96	1.687	1.680	0.007	98	1316057	500.0	493.1	
15 1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	82	1503497	500.0	422.9	
16 Carbon disulfide	76	1.699	1.699	0.000	100	4881884	500.0	474.9	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	94	1269346	500.0	591.6	
18 Iodomethane	142	1.766	1.766	0.000	97	1478282	500.0	499.3	
19 Cyclopentene	67	1.857	1.857	0.000	97	3641621	500.0	478.2	
20 Acrolein	56	1.882	1.882	0.000	90	51488	400.0	414.3	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	92	703030	500.0	445.0	
22 Isopropyl alcohol	45	2.004	1.997	0.007	98	1279369	5000.0	4364.8	
23 Methylene Chloride	84	2.028	2.028	0.000	95	1472638	500.0	468.1	
24 Acetone	43	2.064	2.058	0.006	86	3005518	2500.0	2497.8	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	1466613	500.0	467.7	
26 Methyl acetate	43	2.138	2.138	0.000	100	11606341	2500.0	2620.1	
27 Hexane	57	2.168	2.168	0.000	93	2899054	500.0	499.6	
28 Methyl tert-butyl ether	73	2.199	2.199	0.000	97	4565580	500.0	495.9	
* 29 TBA-d9 (IS)	65	2.235	2.229	0.006	99	368256	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.284	2.278	0.006	99	1984942	5000.0	5000.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.351	2.351	0.000	98	2300361	5000.0	4381.7	
32 Isopropyl ether	45	2.442	2.442	0.000	97	5178566	500.0	461.1	
33 2-Chloro-1,3-butadiene	88	2.503	2.497	0.006	91	1201136	500.0	483.1	
34 1,1-Dichloroethane	63	2.522	2.516	0.006	100	2638044	500.0	459.5	
35 Acrylonitrile	53	2.564	2.558	0.006	94	6294025	5000.0	4558.1	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	89	4764421	500.0	480.0	
38 Allyl alcohol	57	2.692	2.692	0.000	96	2475482	12500	13922	
37 Vinyl acetate	43	2.699	2.699	0.000	100	4058957	1000.0	1014.5	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	1502488	500.0	477.9	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	98	2015685	500.0	495.0	
41 Cyclohexane	56	3.034	3.034	0.000	93	2396131	500.0	614.1	
42 Chlorobromomethane	128	3.040	3.040	0.000	88	741279	500.0	466.2	
43 Chloroform	83	3.101	3.095	0.006	99	2436340	500.0	491.3	
44 Carbon tetrachloride	117	3.192	3.192	0.000	98	1766735	500.0	533.9	
46 Methyl acrylate	55	3.211	3.205	0.006	93	1562226	500.0	518.1	
45 Ethyl acetate	43	3.211	3.205	0.006	96	1680978	1000.0	983.7	
47 Tetrahydrofuran	42	3.223	3.223	0.000	95	1343125	1000.0	977.0	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.235	0.006	95	118709	50.0	48.3	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	99	2074208	500.0	502.4	
* 157 2-Butanone-d5	46	3.308	3.302	0.006	0	392129	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	99	1094553	2500.0	2246.8	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	72	1809210	500.0	465.5	
52 Isooctane	57	3.436	3.436	0.000	99	3446105	500.0	566.5	
53 n-Heptane	57	3.534	3.528	0.006	95	885293	500.0	499.2	
54 Benzene	78	3.546	3.540	0.006	96	5915240	500.0	487.6	
55 Propionitrile	54	3.607	3.576	0.031	96	2549691	5000.0	4655.7	
56 Methacrylonitrile	67	3.613	3.589	0.024	93	6936122	5000.0	4997.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.668	3.656	0.012	94	146051	50.0	49.2	
58 Tert-amyl methyl ether	73	3.668	3.662	0.006	98	4310103	500.0	495.8	
59 1,2-Dichloroethane	62	3.723	3.717	0.006	97	1875040	500.0	445.5	
60 Isobutyl alcohol	43	3.802	3.790	0.012	96	2252056	12500	13715	
* 61 Fluorobenzene	96	3.906	3.900	0.006	98	594773	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.936	0.006	95	6347098	1000.0	999.5	
62 Isopropyl acetate	43	3.979	3.973	0.006	98	3224594	500.0	519.8	
63 Methylcyclohexane	83	4.046	4.040	0.006	96	2214162	500.0	499.5	
64 Trichloroethene	130	4.064	4.058	0.006	96	1579632	500.0	500.0	
66 n-Butanol	56	4.454	4.442	0.012	90	1451111	12500	12256	
67 Dibromomethane	93	4.442	4.442	0.000	96	892850	500.0	496.6	
68 1,2-Dichloropropane	63	4.546	4.540	0.006	91	1543335	500.0	506.7	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	2082547	500.0	555.8	
70 Dichlorobromomethane	83	4.625	4.619	0.006	99	1962097	500.0	529.4	
71 Methyl methacrylate	100	4.820	4.814	0.006	93	895973	1000.0	1062.6	
* 72 1,4-Dioxane-d8	96	4.826	4.820	0.006	39	38553	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.838	0.006	94	430539	10000	10288	
74 n-Propyl acetate	43	4.979	4.979	0.000	100	2432812	500.0	522.3	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	97	1000688	500.0	571.5	
76 cis-1,3-Dichloropropene	75	5.289	5.283	0.006	93	2458784	500.0	554.3	
$ 77 Toluene-d8 (Surr)	98	5.491	5.485	0.006	99	483019	50.0	50.1	
78 Toluene	91	5.546	5.539	0.007	92	6332613	500.0	507.2	
79 Epichlorohydrin	57	5.588	5.570	0.018	100	3345777	10000	10320	
80 2-Nitropropane	41	5.814	5.808	0.006	97	817211	1000.0	1098.3	
81 Tetrachloroethene	166	5.984	5.978	0.006	98	1640060	500.0	501.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.039	6.021	0.018	98	8182054	2500.0	2610.8	
83 trans-1,3-Dichloropropene	75	6.070	6.052	0.018	98	2206592	500.0	553.0	
84 1,1,2-Trichloroethane	83	6.241	6.234	0.006	95	1130789	500.0	518.1	
85 Ethyl methacrylate	69	6.314	6.308	0.006	91	1923689	500.0	572.8	
86 Chlorodibromomethane	129	6.448	6.436	0.012	98	1553778	500.0	557.1	
87 1,3-Dichloropropane	76	6.564	6.558	0.006	95	2311582	500.0	518.4	
88 Ethylene Dibromide	107	6.704	6.692	0.012	98	1384877	500.0	514.7	
89 n-Butyl acetate	43	7.039	7.033	0.006	98	1172603	500.0	549.3	
90 2-Hexanone	43	7.112	7.106	0.006	98	5804341	2500.0	2534.1	
* 91 Chlorobenzene-d5	117	7.405	7.393	0.012	87	449884	50.0	50.0	
92 Chlorobenzene	112	7.429	7.417	0.012	95	4167673	500.0	504.9	
93 Ethylbenzene	106	7.515	7.496	0.019	98	2217163	500.0	527.1	
94 1,1,1,2-Tetrachloroethane	131	7.545	7.533	0.012	95	1491865	500.0	547.8	
95 m-Xylene & p-Xylene	106	7.728	7.716	0.012	96	2690039	500.0	521.9	
96 o-Xylene	106	8.325	8.313	0.012	94	2587808	500.0	537.3	
97 Bromoform	173	8.393	8.380	0.013	98	1172504	500.0	563.0	
98 Styrene	104	8.411	8.399	0.012	96	4691379	500.0	574.5	
99 n-Butyl acrylate	73	8.728	8.722	0.006	96	1147218	500.0	484.6	
100 Isopropylbenzene	105	8.819	8.807	0.012	95	6971103	500.0	559.8	
101 Camphene	41	8.935	8.929	0.006	95	462607	500.0	557.6	
102 Amyl acetate (mixed isomer	43	9.148	9.136	0.012	89	2854486	500.0	487.0	
$ 103 4-Bromofluorobenzene	174	9.197	9.185	0.012	94	167245	50.0	48.8	
104 Bromobenzene	156	9.313	9.301	0.012	95	1916666	500.0	520.4	
105 N-Propylbenzene	91	9.459	9.447	0.012	99	8249816	500.0	579.3	
106 1,1,2,2-Tetrachloroethane	83	9.606	9.594	0.012	98	1780411	500.0	545.2	
107 2-Chlorotoluene	91	9.642	9.624	0.018	97	5691719	500.0	553.4	
108 4-Ethyltoluene	105	9.654	9.636	0.018	98	7283505	500.0	560.5	
109 1,2,3-Trichloropropane	110	9.746	9.734	0.012	98	522648	500.0	521.9	
110 1,3,5-Trimethylbenzene	105	9.813	9.795	0.018	93	5959862	500.0	572.7	
111 trans-1,4-Dichloro-2-buten	53	9.868	9.856	0.012	93	553414	500.0	572.2	
112 4-Chlorotoluene	91	9.911	9.898	0.013	97	5232021	500.0	556.3	
113 tert-Butylbenzene	119	10.282	10.270	0.012	95	5027910	500.0	582.7	
114 Butyl Methacrylate	87	10.404	10.392	0.012	93	2204697	500.0	499.8	
115 1,2,4-Trimethylbenzene	105	10.410	10.398	0.012	96	6310834	500.0	585.9	
116 sec-Butylbenzene	105	10.581	10.563	0.018	99	7288253	500.0	594.5	
117 1,3-Dichlorobenzene	146	10.843	10.831	0.012	98	3697274	500.0	535.7	
118 4-Isopropyltoluene	119	10.862	10.843	0.019	98	6811919	500.0	648.7	
* 119 1,4-Dichlorobenzene-d4	152	10.983	10.965	0.018	95	253969	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.008	10.990	0.018	96	3666525	500.0	497.0	
121 2,3-Dihydroindene	117	11.276	11.258	0.018	94	6315079	500.0	538.1	
122 Benzyl chloride	91	11.422	11.416	0.006	97	4792173	500.0	486.1	
123 p-Diethylbenzene	119	11.441	11.429	0.012	95	3833338	500.0	564.4	
124 n-Butylbenzene	91	11.508	11.496	0.012	98	5704596	500.0	567.1	
125 1,2-Dichlorobenzene	146	11.611	11.599	0.012	97	3491945	500.0	499.2	
126 1,2,4,5-Tetramethylbenzene	119	12.447	12.441	0.006	97	6263401	500.0	499.8	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	95	430013	500.0	541.8	
128 1,3,5-Trichlorobenzene	180	12.636	12.623	0.013	98	2862828	500.0	510.6	
129 1,2,4-Trichlorobenzene	180	13.282	13.276	0.006	94	2877570	500.0	550.1	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	97	1155662	500.0	534.7	
131 Camphor	95	13.532	13.532	0.000	92	1060905	2500.0	2778.1	
132 Naphthalene	128	13.568	13.562	0.006	99	6417772	500.0	547.6	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	2514941	500.0	512.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	945.6	
S 135 Xylenes, Total	100				0		1000.0	1059.2	
S 136 Total BTEX	1				0		2500.0	2581.1	

Reagents:

GAS Hi_00106	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	50.00	Units: uL	
ACROLEIN W_00040	Amount Added:	40.00	Units: uL	
MIX I Hi_00045	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	50.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

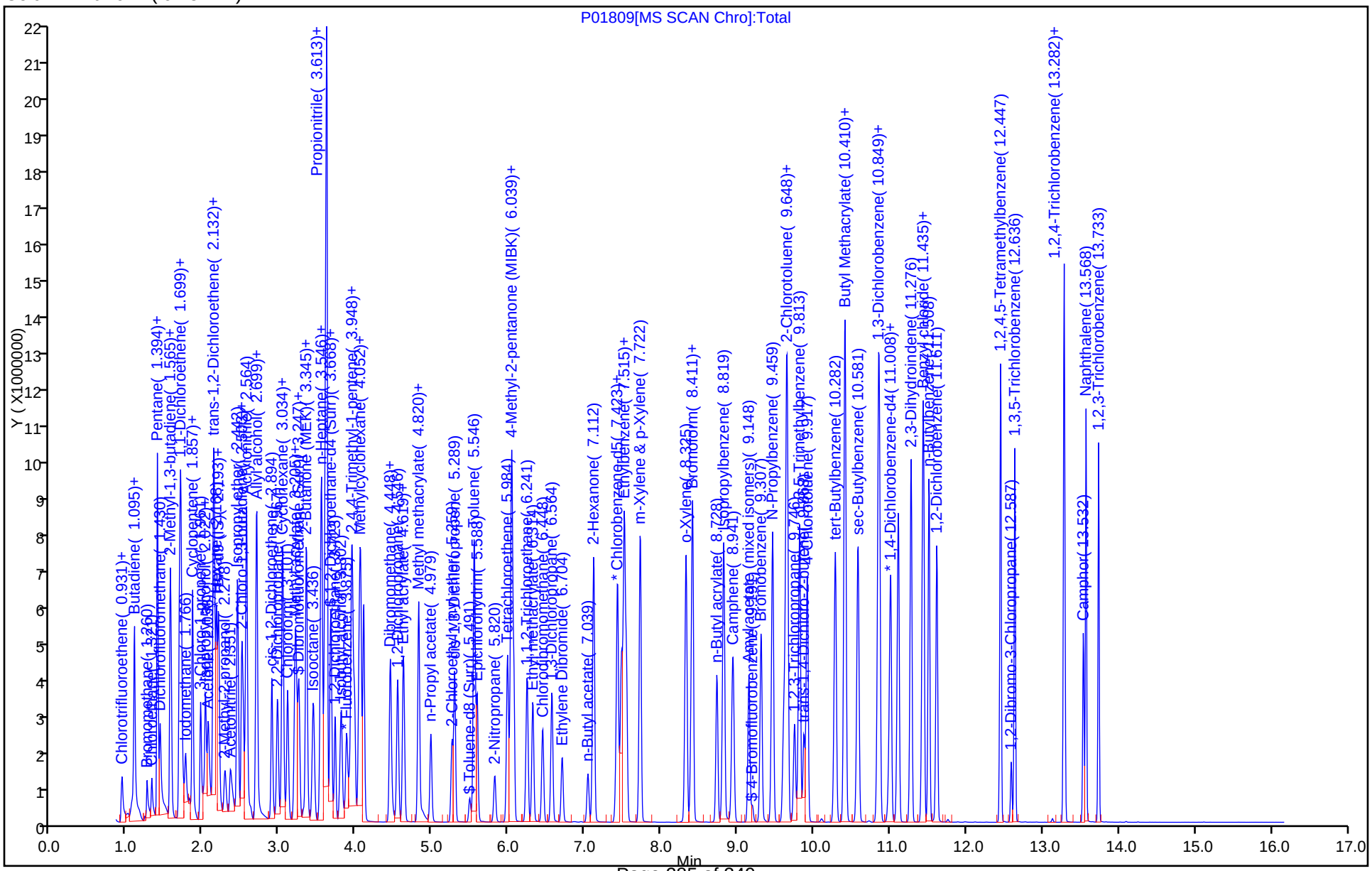
Report Date: 31-Jul-2015 16:26:40 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01809.D

Injection Date:	29-Jul-2015 16:41:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01812.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Jul-2015 17:56:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0030198-012
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:26:41 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:35:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	99	352231	1000.0	1000.0	
35 Acrylonitrile	53	2.558	2.558	0.000	99	3054	2.00	2.45	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	98	107270	50.0	48.3	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	357356	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	129153	50.0	48.2	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	98	537407	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	93	34562	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	421873	50.0	49.1	
79 Epichlorohydrin	57	5.582	5.570	0.012	40	1553	5.00	5.26	M
* 91 Chlorobenzene-d5	117	7.399	7.393	0.006	85	400397	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.185	0.006	97	149405	50.0	48.9	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	236292	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00040	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00012	Amount Added:	2.00	Units: uL	
MIX I Hi_00045	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	0.00	Units: uL	
14DIOXINTER_00041	Amount Added:	0.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

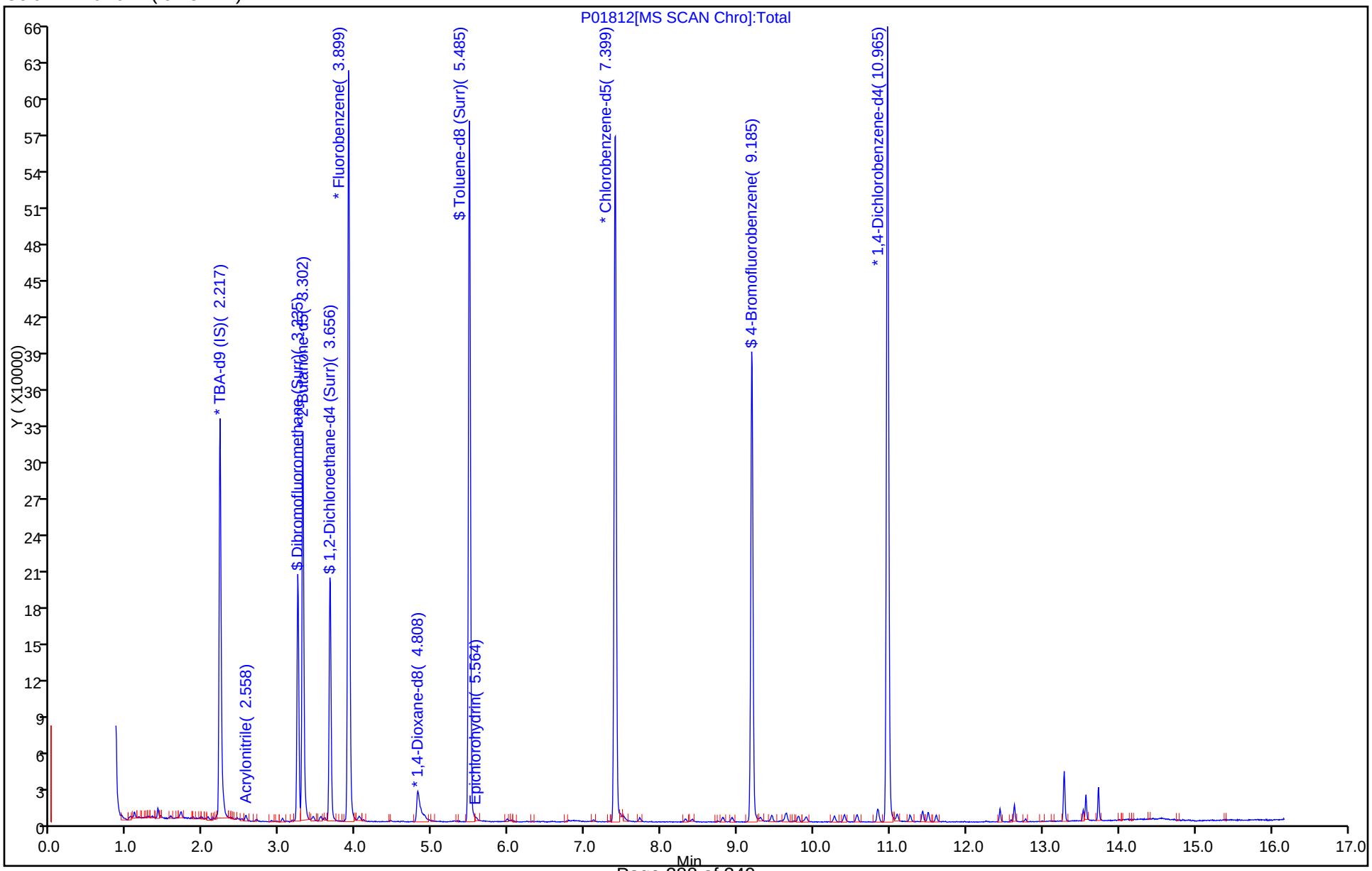
Report Date: 31-Jul-2015 16:26:58 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01812.D

Injection Date:	29-Jul-2015 17:56:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

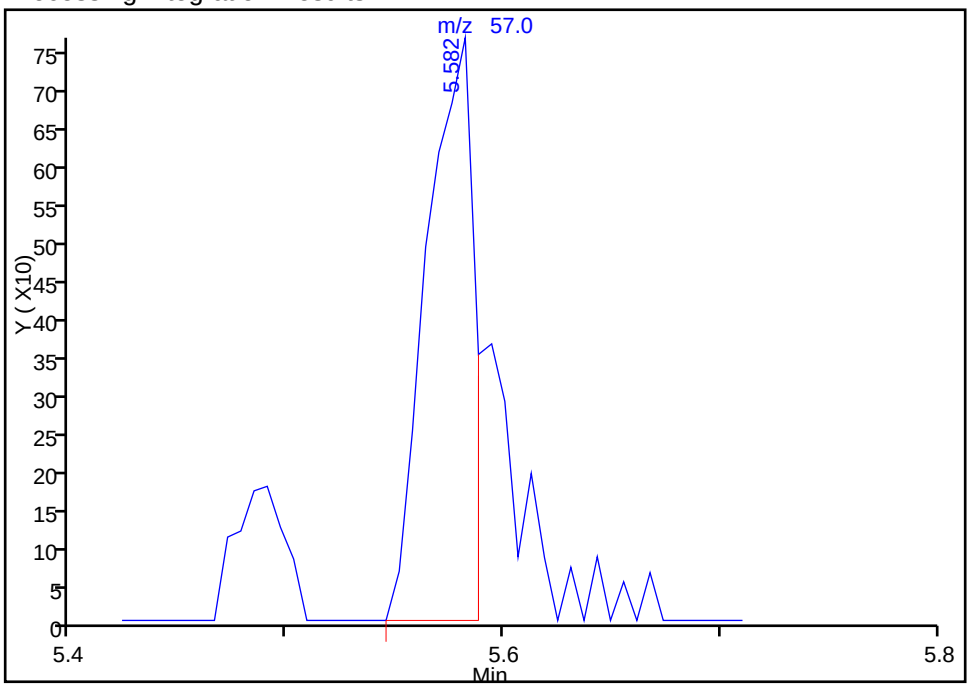
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01812.D
Injection Date: 29-Jul-2015 17:56:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 Epichlorohydrin, CAS: 106-89-8

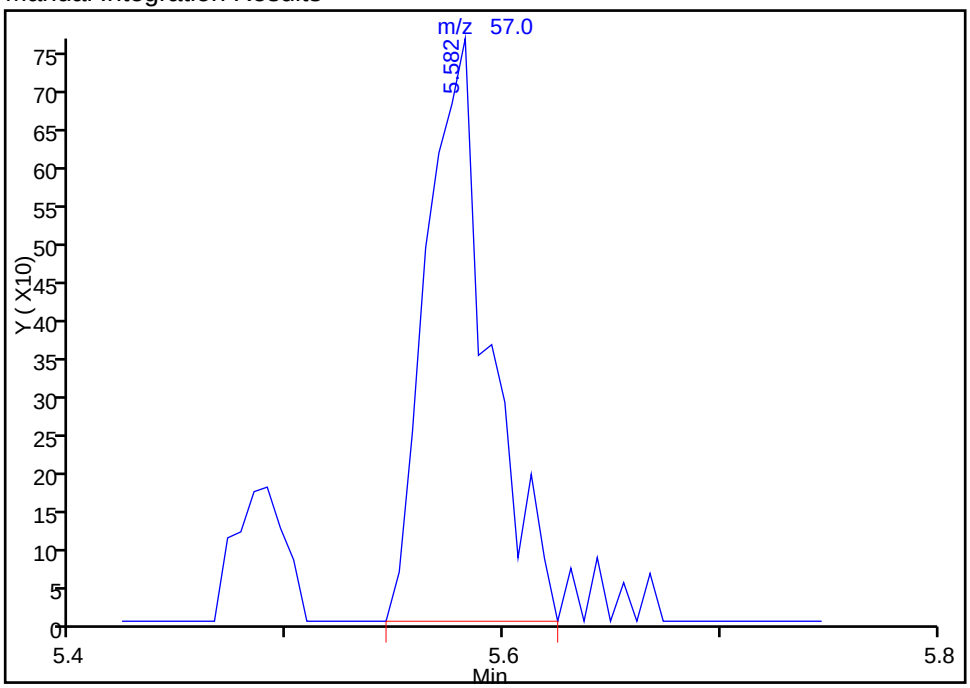
Processing Integration Results

RT: 5.58
Area: 1181
Amount: 4.127200
Amount Units: ug/l



Manual Integration Results

RT: 5.58
Area: 1553
Amount: 5.256381
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:18:39
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Jul-2015 20:18:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0030198-017
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2015 16:27:10 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: desais Date: 30-Jul-2015 07:54:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.924	0.000	36	192	1.00	0.8297	
2 Dichlorodifluoromethane	85	0.937	0.937	0.000	92	2927	1.00	1.11	
3 Vinyl chloride	62	1.089	1.089	0.000	62	3276	1.00	1.05	
4 Chloromethane	50	1.095	1.095	0.000	68	4604	1.00	1.07	
5 Butadiene	54	1.095	1.095	0.000	93	3038	1.00	1.12	
6 Bromomethane	94	1.260	1.260	0.000	96	784	1.00	1.04	
7 Chloroethane	64	1.327	1.321	0.006	94	1840	1.00	1.04	
8 Pentane	72	1.394	1.394	0.000	96	660	2.00	1.92	
9 Trichlorofluoromethane	101	1.400	1.400	0.000	83	4223	1.00	1.04	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	97	5250	1.00	1.02	
11 2-Methyl-1,3-butadiene	67	1.558	1.565	-0.007	95	3373	1.00	0.9854	
12 Ethyl ether	59	1.571	1.577	-0.006	99	2807	1.00	1.15	
13 Ethanol	46	1.686	1.674	0.012	23	822	40.0	40.8	M
14 1,1-Dichloroethene	96	1.680	1.680	0.000	96	2555	1.00	1.07	
15 1,2-Dichloro-1,1,2-trifluo	67	1.680	1.687	-0.007	80	3186	1.00	1.00	M
16 Carbon disulfide	76	1.699	1.699	0.000	100	9934	1.00	1.08	
17 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	37	1856	1.00	0.9681	
18 Iodomethane	142	1.766	1.766	0.000	73	1184	1.00	0.5264	M
19 Cyclopentene	67	1.857	1.857	0.000	96	6747	1.00	0.99	
20 Acrolein	56	1.882	1.882	0.000	62	497	4.00	4.52	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	90	1324	1.00	0.9379	
22 Isopropyl alcohol	45	1.991	1.997	-0.006	59	2469	10.0	9.51	M
23 Methylene Chloride	84	2.028	2.028	0.000	93	2549	1.00	0.9067	
24 Acetone	43	2.058	2.058	0.000	83	7240	5.00	4.81	
25 trans-1,2-Dichloroethene	96	2.119	2.125	-0.006	94	3093	1.00	1.10	
26 Methyl acetate	43	2.138	2.138	0.000	100	16827	5.00	4.25	
27 Hexane	57	2.174	2.168	0.006	88	4461	1.00	0.8863	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	88	7717	1.00	0.9381	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	326037	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	6502	10.0	-0.2199	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.357	2.351	0.006	99	4734	10.0	10.2	M
32 Isopropyl ether	45	2.442	2.442	0.000	96	9896	1.00	0.9861	
33 2-Chloro-1,3-butadiene	88	2.497	2.497	0.000	94	2093	1.00	0.9422	
34 1,1-Dichloroethane	63	2.516	2.516	0.000	97	4946	1.00	0.9641	
35 Acrylonitrile	53	2.552	2.558	-0.006	94	11241	10.0	9.11	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	84	8638	1.00	0.9740	
38 Allyl alcohol	57	2.692	2.692	0.000	43	3752	25.0	23.8	
37 Vinyl acetate	43	2.692	2.699	-0.007	99	7385	2.00	2.07	
39 cis-1,2-Dichloroethene	96	2.887	2.894	-0.007	92	2711	1.00	0.9651	
40 2,2-Dichloropropane	77	2.967	2.967	0.000	93	3530	1.00	0.9701	
41 Cyclohexane	56	3.028	3.034	-0.006	91	3310	1.00	0.9495	
42 Chlorobromomethane	128	3.034	3.040	-0.006	90	1523	1.00	1.07	
43 Chloroform	83	3.101	3.095	0.006	98	4249	1.00	0.9589	
44 Carbon tetrachloride	117	3.192	3.192	0.000	94	3044	1.00	1.03	
46 Methyl acrylate	55	3.204	3.205	-0.001	92	2453	1.00	0.9105	
45 Ethyl acetate	43	3.204	3.205	-0.001	88	2927	2.00	2.01	
47 Tetrahydrofuran	42	3.217	3.223	-0.006	35	1989	2.00	1.69	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.235	0.000	97	104182	50.0	47.4	
49 1,1,1-Trichloroethane	97	3.247	3.247	0.000	35	3940	1.00	1.07	
* 157 2-Butanone-d5	46	3.302	3.302	0.000	0	334856	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	98	1910	5.00	4.59	
51 1,1-Dichloropropene	75	3.339	3.345	-0.006	54	3695	1.00	1.06	
52 Isooctane	57	3.436	3.436	0.000	99	4585	1.00	0.8435	
53 n-Heptane	57	3.528	3.528	0.000	91	949	1.00	0.6102	M
54 Benzene	78	3.546	3.540	0.006	98	10985	1.00	1.04	
55 Propionitrile	54	3.576	3.576	0.000	33	5013	10.0	10.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	93	11332	10.0	9.14	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	127185	50.0	48.0	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	39	7387	1.00	0.9510	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	95	3693	1.00	0.9821	
60 Isobutyl alcohol	43	3.784	3.790	-0.006	95	3346	25.0	23.0	
* 61 Fluorobenzene	96	3.899	3.900	-0.001	98	531444	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.936	3.936	0.000	83	6149	2.00	1.04	
62 Isopropyl acetate	43	3.973	3.973	0.000	96	4798	1.00	0.8655	
63 Methylcyclohexane	83	4.040	4.040	0.000	90	2450	1.00	0.6858	
64 Trichloroethene	130	4.058	4.058	0.000	93	2731	1.00	0.9674	
66 n-Butanol	56	4.442	4.442	0.000	57	1924	25.0	27.1	
67 Dibromomethane	93	4.436	4.442	-0.006	88	1548	1.00	0.9636	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	87	2416	1.00	0.8878	
69 Ethyl acrylate	55	4.613	4.613	0.000	85	2808	1.00	0.8387	
70 Dichlorobromomethane	83	4.625	4.619	0.006	96	3053	1.00	0.9219	
71 Methyl methacrylate	100	4.820	4.814	0.006	88	1277	2.00	1.69	
* 72 1,4-Dioxane-d8	96	4.808	4.820	-0.012	90	35152	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.838	0.000	27	1717	50.0	45.0	
74 n-Propyl acetate	43	4.979	4.979	0.000	98	3751	1.00	0.9012	
75 2-Chloroethyl vinyl ether	63	5.253	5.247	0.006	96	1283	1.00	0.8200	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	93	3399	1.00	0.8786	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	416209	50.0	49.5	
78 Toluene	91	5.539	5.539	0.000	91	10956	1.00	1.01	
79 Epichlorohydrin	57	5.570	5.570	0.000	99	5259	20.0	19.0	
80 2-Nitropropane	41	5.808	5.808	0.000	96	1226	2.00	1.84	
81 Tetrachloroethene	166	5.984	5.978	0.006	94	3191	1.00	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.021	0.006	97	12274	5.00	4.59	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	3198	1.00	0.9189	
84 1,1,2-Trichloroethane	83	6.240	6.234	0.006	95	1870	1.00	0.9823	
85 Ethyl methacrylate	69	6.320	6.308	0.012	93	2437	1.00	0.8121	
86 Chlorodibromomethane	129	6.442	6.436	0.006	96	2297	1.00	0.9442	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	93	3670	1.00	0.9436	
88 Ethylene Dibromide	107	6.698	6.692	0.006	91	2246	1.00	0.9572	
89 n-Butyl acetate	43	7.039	7.033	0.006	92	1626	1.00	0.8734	
90 2-Hexanone	43	7.106	7.106	0.000	98	8134	5.00	4.16	
* 91 Chlorobenzene-d5	117	7.393	7.393	0.000	85	392377	50.0	50.0	
92 Chlorobenzene	112	7.411	7.417	-0.006	37	7600	1.00	1.06	
93 Ethylbenzene	106	7.502	7.496	0.006	98	3653	1.00	1.00	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	78	2143	1.00	0.9022	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	95	4381	1.00	0.9746	
96 o-Xylene	106	8.319	8.313	0.006	94	3782	1.00	0.9003	
97 Bromoform	173	8.380	8.380	0.000	73	1696	1.00	0.9337	
98 Styrene	104	8.405	8.399	0.006	97	6200	1.00	0.8705	
99 n-Butyl acrylate	73	8.728	8.722	0.006	94	1181	1.00	0.9299	
100 Isopropylbenzene	105	8.807	8.807	0.000	95	10016	1.00	0.9222	
101 Camphene	41	8.923	8.929	-0.006	93	594	1.00	0.8209	
102 Amyl acetate (mixed isomer	43	9.148	9.136	0.012	86	3371	1.00	0.9210	
$ 103 4-Bromofluorobenzene	174	9.185	9.185	0.000	96	148142	50.0	49.5	
104 Bromobenzene	156	9.301	9.301	0.000	88	3641	1.00	1.08	
105 N-Propylbenzene	91	9.447	9.447	0.000	100	12313	1.00	0.9406	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	96	3100	1.00	1.03	
107 2-Chlorotoluene	91	9.624	9.624	0.000	97	9135	1.00	0.9663	
108 4-Ethyltoluene	105	9.636	9.636	0.000	98	11052	1.00	0.9254	
109 1,2,3-Trichloropropane	110	9.740	9.734	0.006	96	884	1.00	0.9604	
110 1,3,5-Trimethylbenzene	105	9.801	9.795	0.006	94	8901	1.00	0.9306	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.856	0.006	1	818	1.00	0.9202	
112 4-Chlorotoluene	91	9.898	9.898	0.000	96	7992	1.00	0.9245	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	7084	1.00	0.8931	
114 Butyl Methacrylate	87	10.392	10.392	0.000	48	1952	1.00	0.5072	M
115 1,2,4-Trimethylbenzene	105	10.404	10.398	0.006	96	8405	1.00	0.8490	
116 sec-Butylbenzene	105	10.569	10.563	0.006	97	9815	1.00	0.8710	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	92	6600	1.00	1.04	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	97	8077	1.00	0.8368	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.965	0.000	94	233435	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	93	7406	1.00	1.09	
121 2,3-Dihydroindene	117	11.264	11.258	0.006	93	10140	1.00	0.9401	
122 Benzyl chloride	91	11.422	11.416	0.006	87	5989	1.00	0.9835	
123 p-Diethylbenzene	119	11.428	11.429	-0.001	90	5897	1.00	0.9446	
124 n-Butylbenzene	91	11.502	11.496	0.006	96	8591	1.00	0.9292	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	95	6868	1.00	1.07	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	-0.001	95	7837	1.00	0.6767	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	86	664	1.00	0.9103	
128 1,3,5-Trichlorobenzene	180	12.629	12.623	0.006	94	5463	1.00	1.06	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	4718	1.00	0.9813	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	90	2207	1.00	1.11	
131 Camphor	95	13.526	13.532	-0.006	92	1615	5.00	4.60	
132 Naphthalene	128	13.568	13.562	0.006	99	8937	1.00	0.8296	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	4592	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 135 Xylenes, Total	100				0		2.00	1.87	
S 136 Total BTEX	1				0		5.00	4.91	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00106	Amount Added:	1.00	Units: uL	
MIX I Hi_00045	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00033	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00017	Amount Added:	1.00	Units: uL	
ACROLEIN W_00040	Amount Added:	4.00	Units: uL	
14DIOXINTER_00041	Amount Added:	30.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

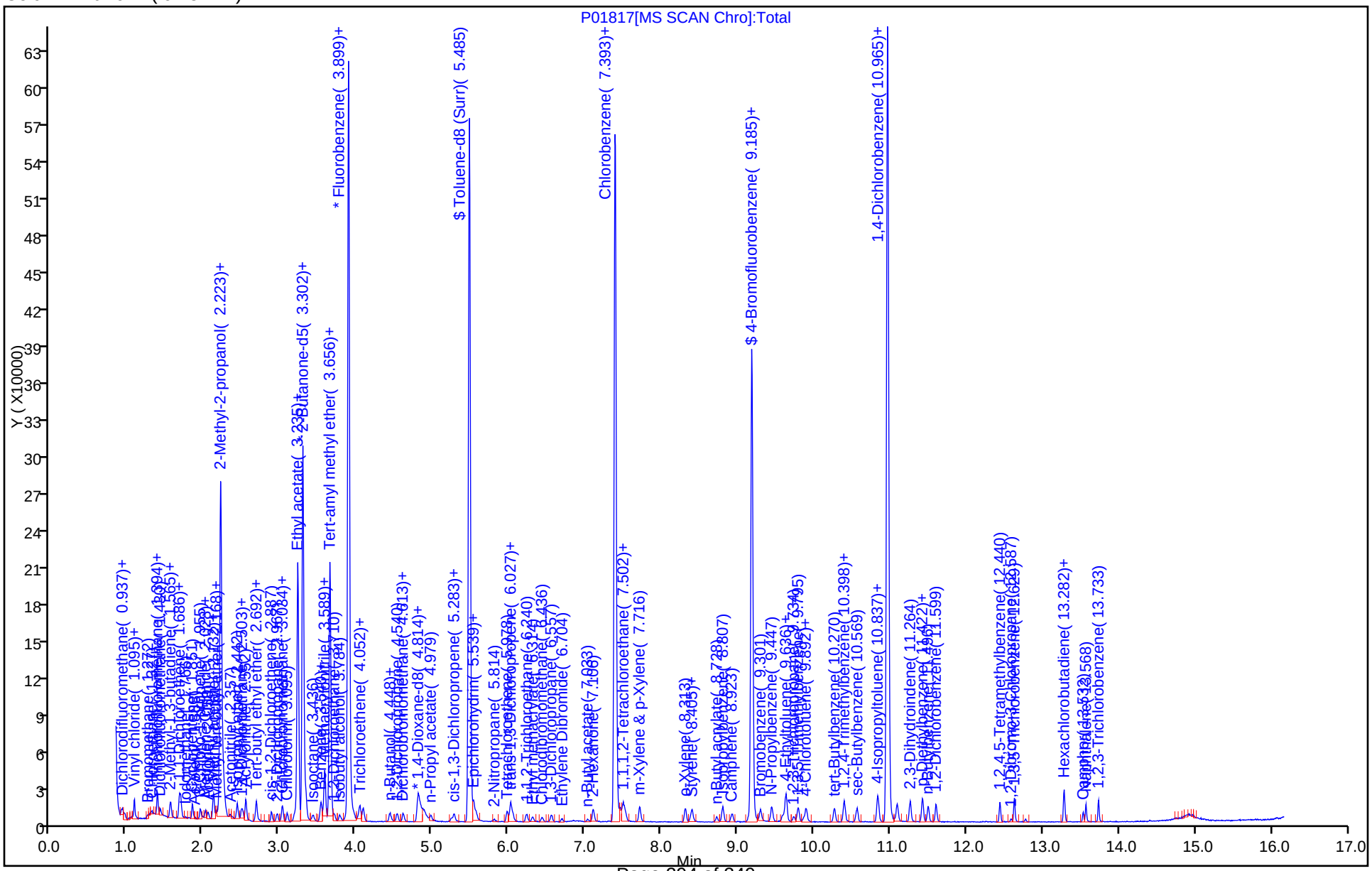
Report Date: 31-Jul-2015 16:27:12 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Injection Date:	29-Jul-2015 20:18:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

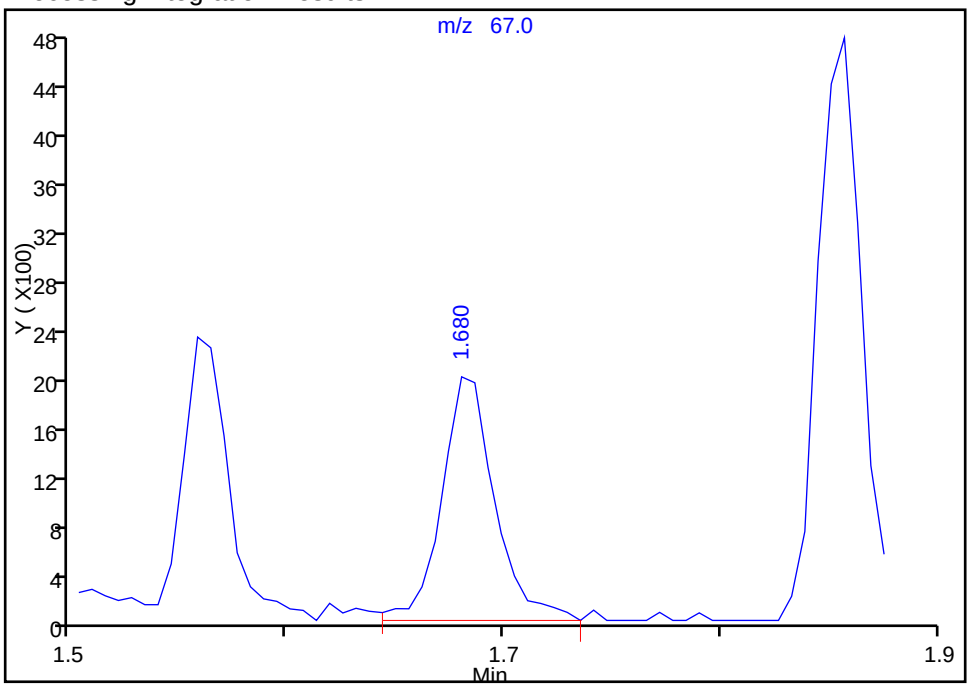
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

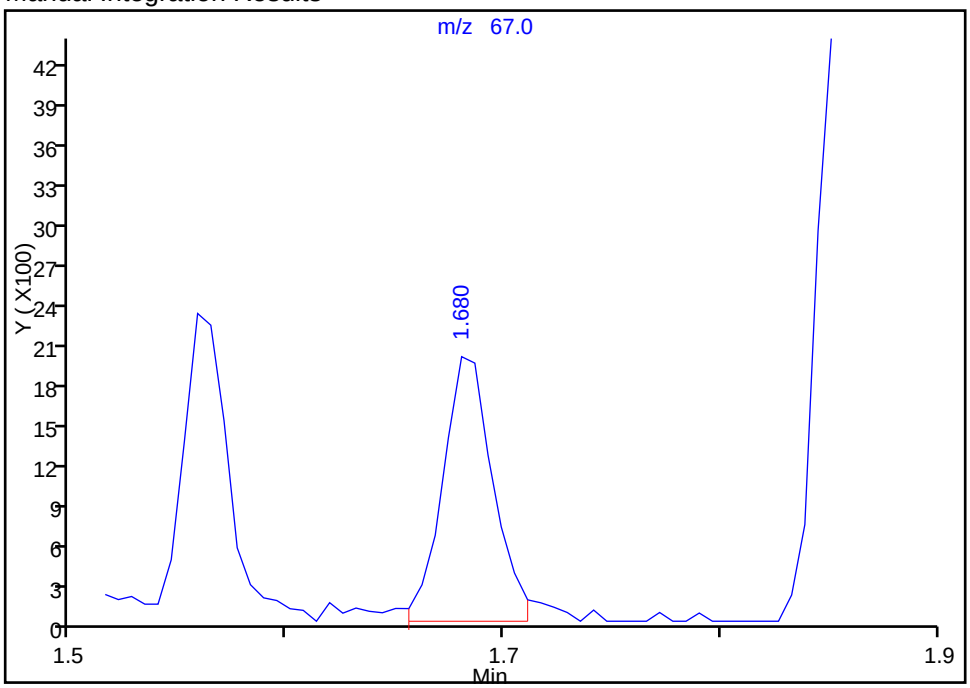
Processing Integration Results

RT: 1.68
Area: 3356
Amount: 1.115984
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 3186
Amount: 1.002970
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:34:13
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

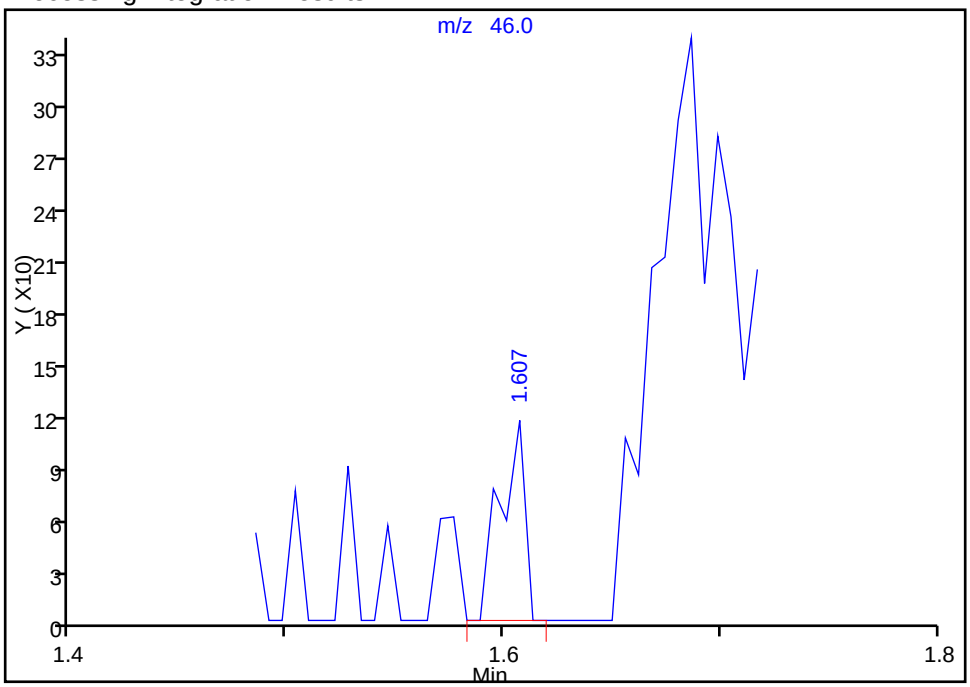
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Ethanol, CAS: 64-17-5

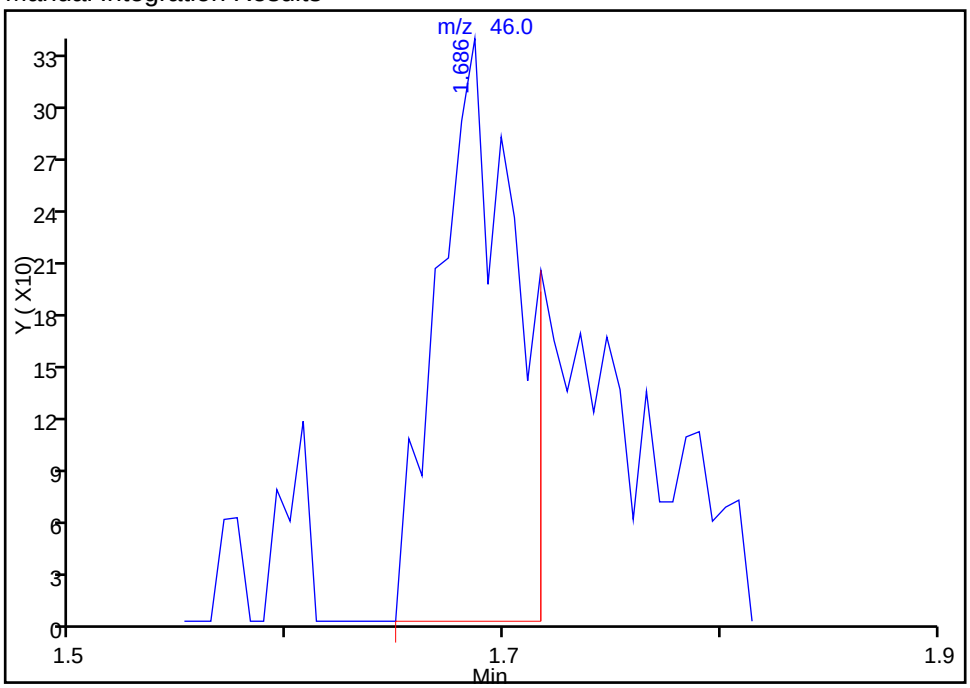
Processing Integration Results

RT: 1.61
Area: 90
Amount: 4.785934
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 822
Amount: 40.824176
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:34:13
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

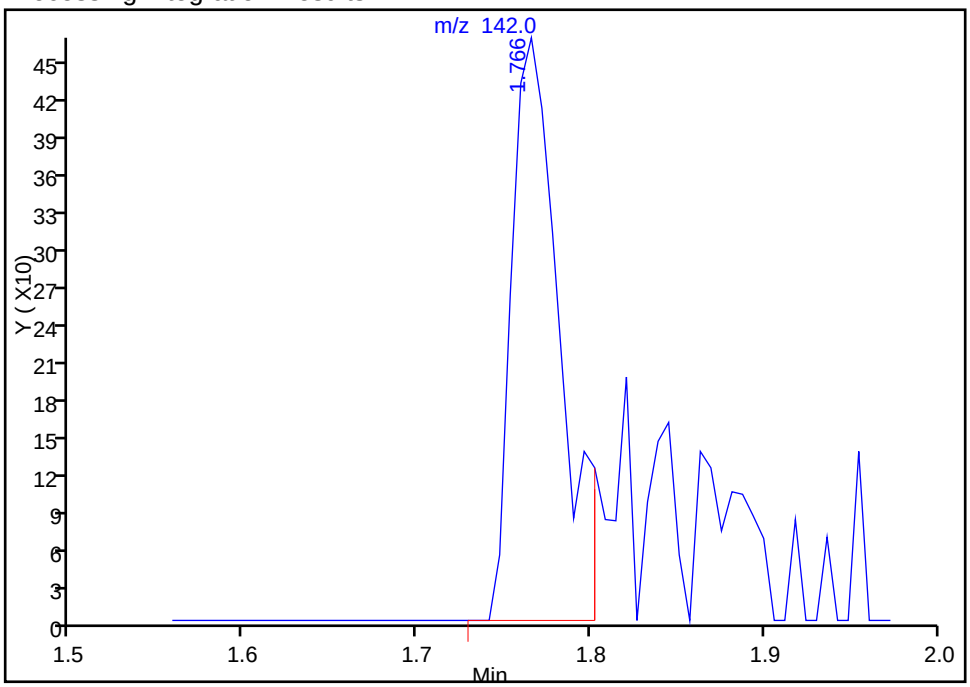
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Iodomethane, CAS: 74-88-4

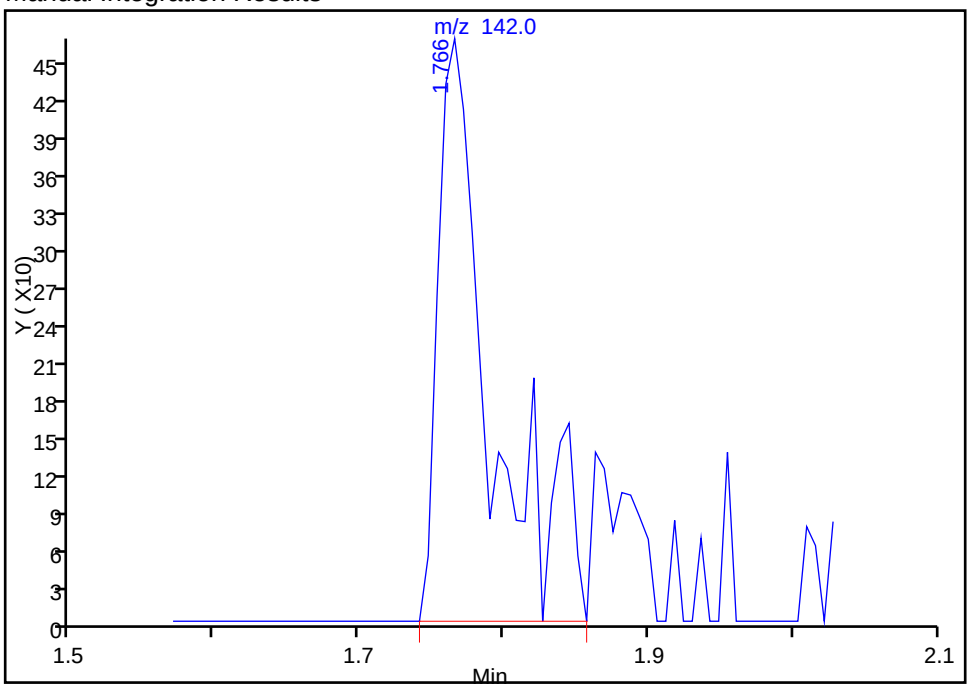
Processing Integration Results

RT: 1.77
Area: 892
Amount: 0.396581
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 1184
Amount: 0.526381
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:35:43
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

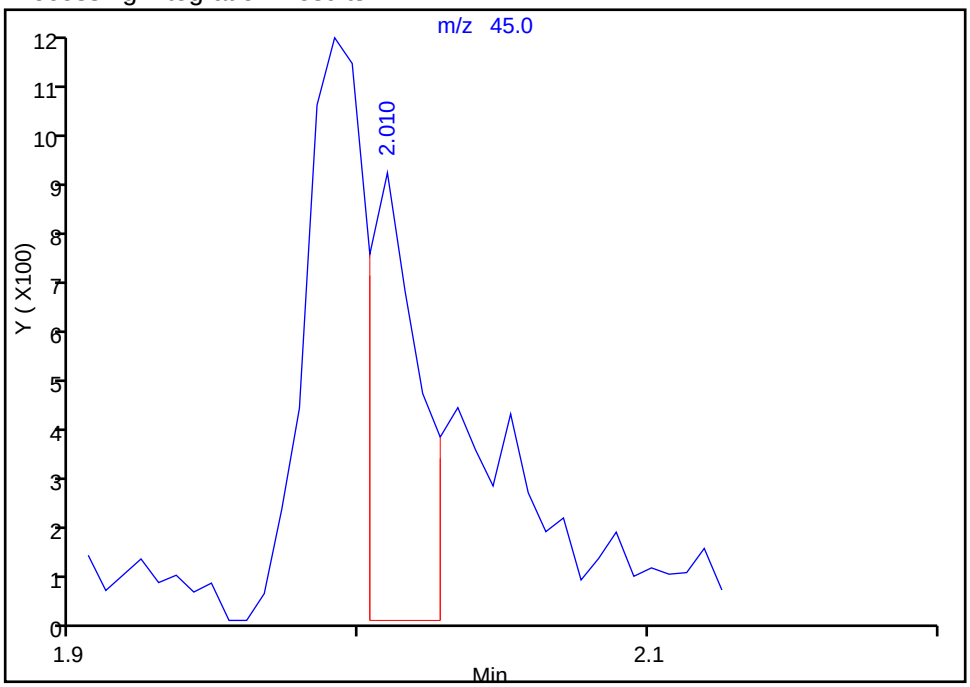
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

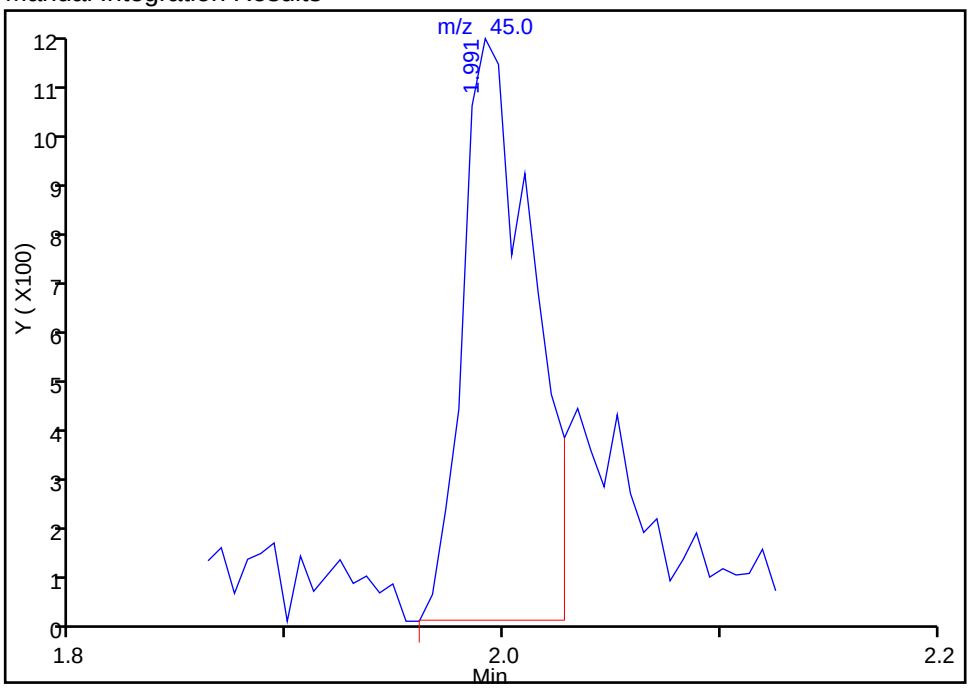
Processing Integration Results

RT: 2.01
Area: 1082
Amount: 4.509440
Amount Units: ug/l



Manual Integration Results

RT: 1.99
Area: 2469
Amount: 9.514099
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:24:46
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

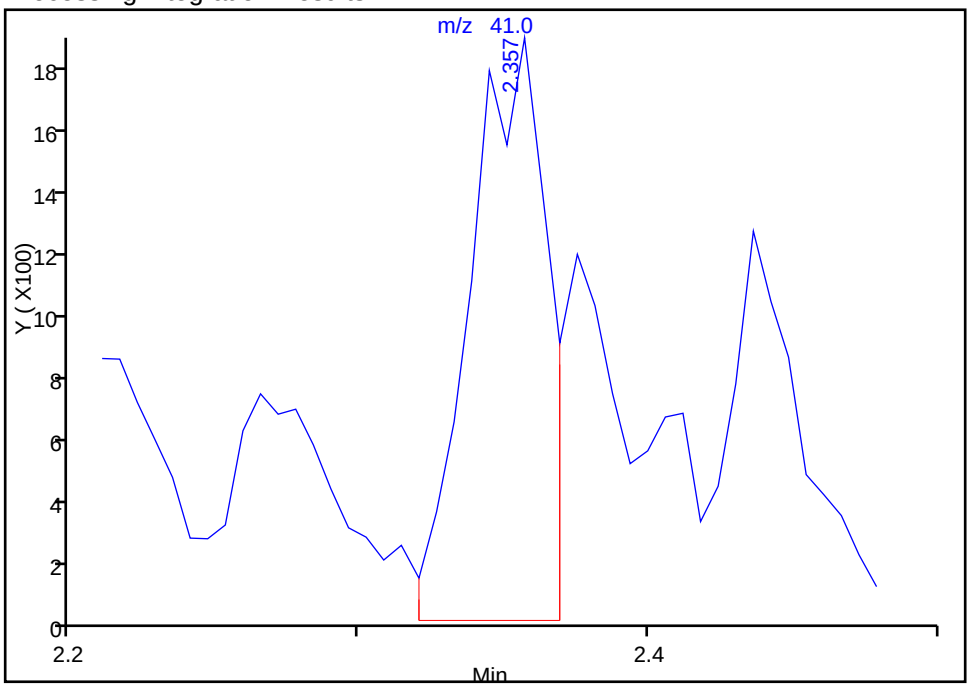
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acetonitrile, CAS: 75-05-8

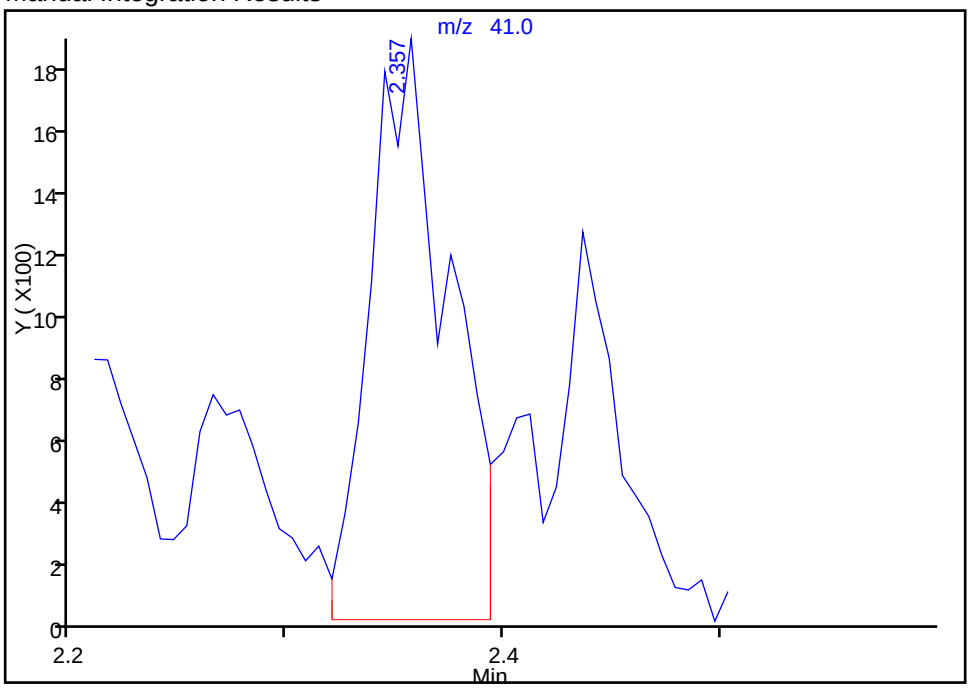
Processing Integration Results

RT: 2.36
Area: 3513
Amount: 7.852623
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 4734
Amount: 10.184823
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:24:46
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

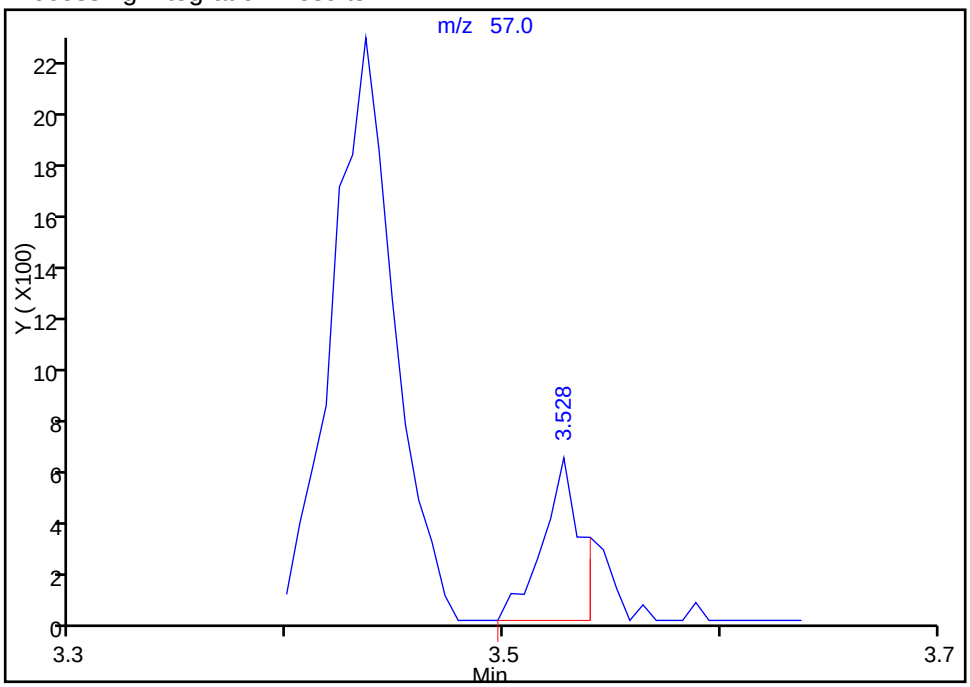
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 n-Heptane, CAS: 142-82-5

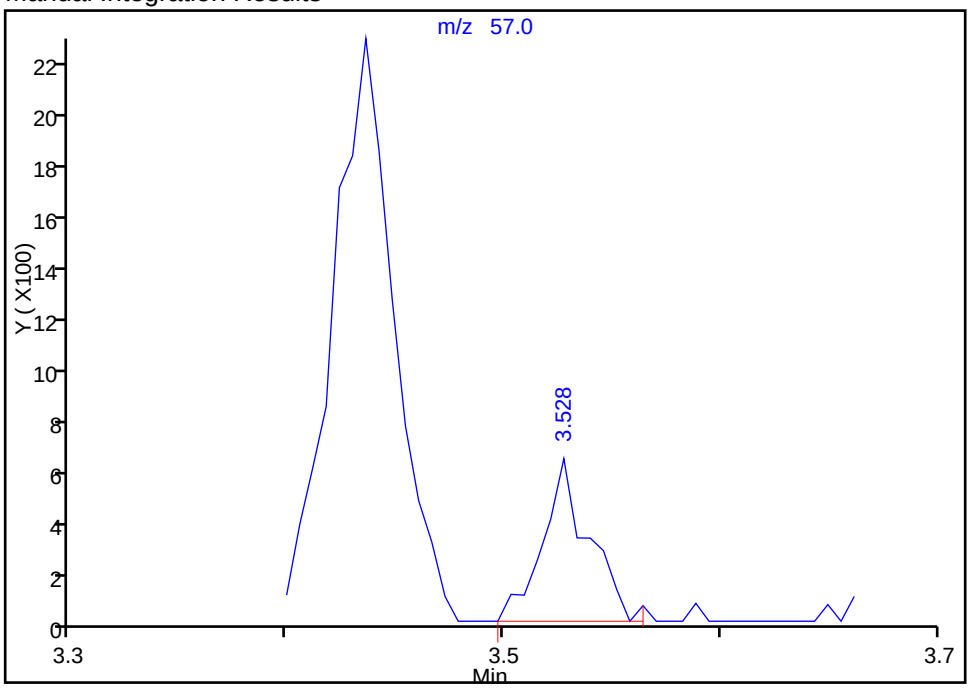
Processing Integration Results

RT: 3.53
Area: 780
Amount: 0.501524
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 949
Amount: 0.610181
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:24:46
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

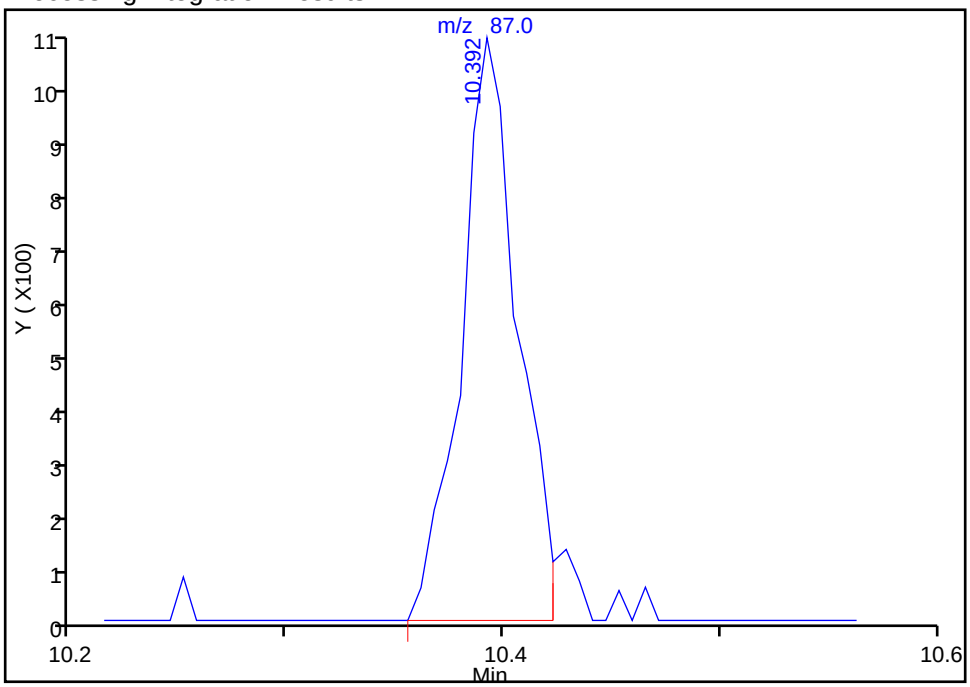
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D
Injection Date: 29-Jul-2015 20:18:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

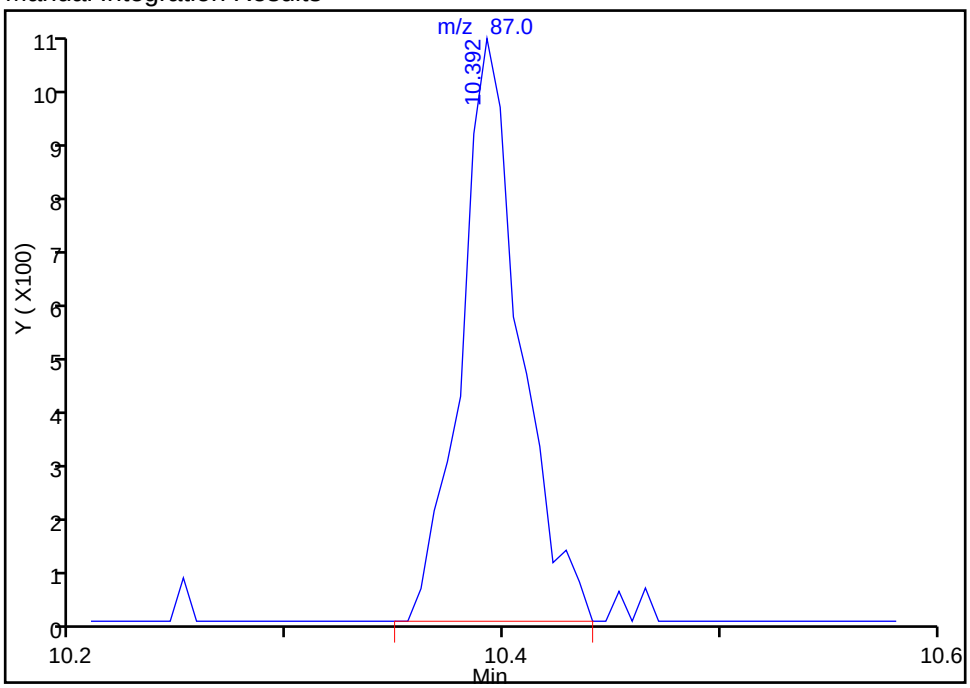
Processing Integration Results

RT: 10.39
Area: 1880
Amount: 0.488482
Amount Units: ug/l



Manual Integration Results

RT: 10.39
Area: 1952
Amount: 0.507193
Amount Units: ug/l



Reviewer: delpolitov, 31-Jul-2015 14:40:15
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab Sample ID: CCVIS 460-316056/3 Calibration Date: 08/12/2015 07:29

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P02285.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0218	0.0315		28.9	20.0	44.7*	20.0
Dichlorodifluoromethane	Ave	0.2481	0.2212	0.1000	17.8	20.0	-10.8	20.0
Vinyl chloride	Ave	0.2924	0.2897	0.1000	19.8	20.0	-0.9	20.0
Butadiene	Ave	0.2549	0.2199		17.3	20.0	-13.7	20.0
Chloromethane	Ave	0.4062	0.3853	0.1000	19.0	20.0	-5.1	20.0
Bromomethane	Qua2		2.619	0.1000	23.5	20.0	17.4	50.0
Chloroethane	Ave	0.1659	0.1867	0.1000	22.5	20.0	12.5	50.0
Pentane	Ave	1.052	1.180		44.9	40.0	12.1	20.0
Trichlorofluoromethane	Ave	0.3822	0.3462	0.1000	18.1	20.0	-9.4	20.0
Dichlorofluoromethane	Ave	0.4839	0.5111		21.1	20.0	5.6	20.0
2-Methyl-1,3-butadiene	Ave	0.3221	0.3610		22.4	20.0	12.1	20.0
Ethyl ether	Ave	0.2298	0.2382		20.7	20.0	3.7	20.0
Ethanol	Ave	0.0618	0.0645		836	800	4.5	50.0
1,1-Dichloroethene	Ave	0.2244	0.2190	0.1000	19.5	20.0	-2.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2989	0.2800		18.7	20.0	-6.3	20.0
Carbon disulfide	Ave	0.8641	0.7967	0.1000	18.4	20.0	-7.8	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1804	0.2112	0.1000	23.4	20.0	17.1	20.0
Iodomethane	QuaF		0.1116		10.5	20.0	-47.5*	20.0
Cyclopentene	Ave	0.6401	0.6539		20.4	20.0	2.1	20.0
Acrolein	Ave	0.3375	0.3404		40.3	40.0	0.9	50.0
Allyl chloride	Ave	0.1328	0.1371		20.6	20.0	3.2	20.0
Isopropyl alcohol	Ave	0.7960	0.7583		191	200	-4.7	50.0
Methylene Chloride	Ave	0.2645	0.2493	0.1000	18.9	20.0	-5.7	20.0
Acetone	QuaF		0.8126	0.0500	72.9	100	-27.1	50.0
trans-1,2-Dichloroethene	Ave	0.2636	0.2471	0.1000	18.7	20.0	-6.3	20.0
Methyl acetate	Ave	0.3724	0.3689	0.1000	99.1	100	-0.9	20.0
Hexane	QuaF		0.4954		20.9	20.0	4.5	20.0
Methyl tert-butyl ether	Ave	0.7739	0.8056	0.1000	20.8	20.0	4.1	20.0
2-Methyl-2-propanol	Qua		1.204		208	200	4.1	50.0
Acetonitrile	Ave	1.426	1.305		183	200	-8.4	20.0
Isopropyl ether	Ave	0.9442	0.8862		18.8	20.0	-6.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2090	0.2104		20.1	20.0	0.6	20.0
1,1-Dichloroethane	Ave	0.4826	0.4710	0.2000	19.5	20.0	-2.4	20.0
Acrylonitrile	Ave	0.1161	0.1272		219	200	9.5	20.0
Allyl alcohol	Ave	0.4828	0.4666		483	500	-3.4	50.0
Tert-butyl ethyl ether	Ave	0.8344	0.7662		18.4	20.0	-8.2	20.0
Vinyl acetate	Ave	0.3363	0.1258		15.0	40.0	-62.6*	20.0
cis-1,2-Dichloroethene	Ave	0.2643	0.2426	0.1000	18.4	20.0	-8.2	20.0
2,2-Dichloropropane	Ave	0.3423	0.3283		19.2	20.0	-4.1	20.0
Cyclohexane	Ave	0.3280	0.3704	0.1000	22.6	20.0	12.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab Sample ID: CCVIS 460-316056/3 Calibration Date: 08/12/2015 07:29

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P02285.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobromomethane	Ave	0.1337	0.1171		17.5	20.0	-12.4	20.0
Chloroform	Ave	0.4169	0.3965	0.2000	19.0	20.0	-4.9	20.0
Carbon tetrachloride	Ave	0.2782	0.2673	0.1000	19.2	20.0	-3.9	20.0
Ethyl acetate	Ave	1.089	1.857		68.2	40.0	70.4*	20.0
Methyl acrylate	Ave	0.2535	0.2646		20.9	20.0	4.4	20.0
Tetrahydrofuran	Ave	0.8765	0.9027		41.2	40.0	3.0	20.0
1,1,1-Trichloroethane	Ave	0.3471	0.3346	0.1000	19.3	20.0	-3.6	20.0
1,1-Dichloropropene	Ave	0.3267	0.3075		18.8	20.0	-5.9	20.0
2-Butanone (MEK)	Ave	0.3106	0.2714	0.0500	87.4	100	-12.6	50.0
2,2,4-Trimethylpentane	Ave	0.5114	0.5887		23.0	20.0	15.1	20.0
n-Heptane	QuaF		0.1389		19.0	20.0	-5.1	20.0
Benzene	Ave	1.348	1.383	0.5000	20.5	20.0	2.6	20.0
Propionitrile	Ave	1.487	1.356		182	200	-8.8	20.0
Methacrylonitrile	Ave	0.1167	0.1292		221	200	10.7	20.0
Tert-amyl methyl ether	Ave	0.7308	0.6950		19.0	20.0	-4.9	20.0
1,2-Dichloroethane	Ave	0.3538	0.3436	0.1000	19.4	20.0	-2.9	20.0
Isobutyl alcohol	Ave	0.4459	0.4239		475	500	-4.9	50.0
2,4,4-Trimethyl-1-pentene	QuaF		0.5703		41.3	40.0	3.2	20.0
Isopropyl acetate	Ave	0.5215	0.5748		22.0	20.0	10.2	20.0
Methylcyclohexane	QuaF		0.3508	0.1000	20.8	20.0	3.9	50.0
Trichloroethene	Ave	0.2656	0.2481	0.2000	18.7	20.0	-6.6	20.0
Dibromomethane	Ave	0.1511	0.1493		19.8	20.0	-1.2	20.0
n-Butanol	Qua2		0.2528		473	500	-5.4	50.0
1,2-Dichloropropane	Ave	0.2560	0.2440	0.1000	19.1	20.0	-4.7	20.0
Ethyl acrylate	Ave	0.3150	0.3471		22.0	20.0	10.2	20.0
Dichlorobromomethane	Ave	0.3116	0.3012	0.2000	19.3	20.0	-3.3	20.0
Methyl methacrylate	Ave	0.0709	0.0757		42.7	40.0	6.7	20.0
1,4-Dioxane	Ave	1.086	1.192		439	400	9.8	50.0
n-Propyl acetate	Ave	0.3916	0.4167		21.3	20.0	6.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1472	0.1605		21.8	20.0	9.0	20.0
cis-1,3-Dichloropropene	Ave	0.4930	0.5289	0.2000	21.5	20.0	7.3	50.0
Toluene	Ave	1.388	1.422	0.4000	20.5	20.0	2.5	20.0
Epichlorohydrin	Ave	0.2067	0.2085		404	400	0.9	20.0
2-Nitropropane	Ave	0.0625	0.0712		45.5	40.0	13.8	20.0
Tetrachloroethene	Ave	0.3637	0.3361	0.2000	18.5	20.0	-7.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.998	2.082	0.0500	104	100	4.2	50.0
trans-1,3-Dichloropropene	Ave	0.4435	0.4810	0.1000	21.7	20.0	8.5	50.0
1,1,2-Trichloroethane	Ave	0.2426	0.2587	0.1000	21.3	20.0	6.7	20.0
Ethyl methacrylate	Ave	0.2823	0.3038		21.5	20.0	7.6	20.0
Chlorodibromomethane	Ave	0.3100	0.3037	0.1000	19.6	20.0	-2.0	50.0
1,3-Dichloropropane	Ave	0.4956	0.5440		22.0	20.0	9.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab Sample ID: CCVIS 460-316056/3 Calibration Date: 08/12/2015 07:29

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P02285.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.2990	0.3068	0.1000	20.5	20.0	2.6	20.0
n-Butyl acetate	Ave	0.2372	0.4577		38.6	20.0	92.9*	20.0
2-Hexanone	Ave	1.460	1.512	0.0500	104	100	3.6	50.0
Chlorobenzene	Ave	0.9173	0.9298	0.5000	20.3	20.0	1.4	20.0
Ethylbenzene	Ave	0.4675	0.4883	0.1000	20.9	20.0	4.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3027	0.2963		19.6	20.0	-2.1	20.0
m-Xylene & p-Xylene	Ave	0.5728	0.5898	0.1000	20.6	20.0	3.0	20.0
o-Xylene	Ave	0.5353	0.5583	0.3000	20.9	20.0	4.3	20.0
Bromoform	Ave	0.2315	0.2030	0.1000	17.5	20.0	-12.3	20.0
Styrene	Ave	0.9076	0.9575	0.3000	21.1	20.0	5.5	20.0
n-Butyl acrylate	Qua2		0.2315		20.9	20.0	4.4	20.0
Isopropylbenzene	Ave	1.384	1.514	0.1000	21.9	20.0	9.4	20.0
Camphene	Ave	0.0922	0.1138		24.7	20.0	23.4*	20.0
Amyl acetate (mixed isomers)	Qua2		1.142		22.8	20.0	13.9	20.0
Bromobenzene	Ave	0.7251	0.7019		19.4	20.0	-3.2	20.0
N-Propylbenzene	Ave	2.804	3.194		22.8	20.0	13.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6429	0.7464	0.3000	23.2	20.0	16.1	20.0
2-Chlorotoluene	Ave	2.025	2.263		22.4	20.0	11.8	20.0
4-Ethyltoluene	Ave	2.558	2.857		22.3	20.0	11.7	20.0
1,2,3-Trichloropropane	Ave	0.1971	0.2263		23.0	20.0	14.8	20.0
1,3,5-Trimethylbenzene	Ave	2.049	2.306		22.5	20.0	12.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1904	0.2474		26.0	20.0	29.9*	20.0
4-Chlorotoluene	Ave	1.852	2.101		22.7	20.0	13.5	20.0
tert-Butylbenzene	Ave	1.699	1.880		22.1	20.0	10.7	20.0
Butyl Methacrylate	QuaF		0.7178		17.4	20.0	-13.1	20.0
1,2,4-Trimethylbenzene	Ave	2.120	2.454		23.1	20.0	15.7	20.0
sec-Butylbenzene	Ave	2.414	2.848		23.6	20.0	18.0	20.0
1,3-Dichlorobenzene	Ave	1.359	1.391	0.6000	20.5	20.0	2.4	20.0
4-Isopropyltoluene	Ave	2.067	2.504		24.2	20.0	21.1*	20.0
1,4-Dichlorobenzene	Ave	1.452	1.444	0.5000	19.9	20.0	-0.6	20.0
Indan	Ave	2.310	2.533		21.9	20.0	9.6	20.0
Benzyl chloride	Qua2		1.847		23.0	20.0	15.2	50.0
p-Diethylbenzene	Ave	1.337	1.519		22.7	20.0	13.6	20.0
n-Butylbenzene	Ave	1.980	2.319		23.4	20.0	17.1	20.0
1,2-Dichlorobenzene	Ave	1.377	1.402	0.4000	20.4	20.0	1.8	20.0
1,2,4,5-Tetramethylbenzene	QuaF		2.234		18.0	20.0	-9.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1562	0.1737	0.0500	22.2	20.0	11.2	50.0
1,3,5-Trichlorobenzene	Ave	1.104	1.077		19.5	20.0	-2.4	20.0
1,2,4-Trichlorobenzene	Ave	1.030	1.009	0.2000	19.6	20.0	-2.0	20.0
Hexachlorobutadiene	Ave	0.4255	0.3707		17.4	20.0	-12.9	20.0
Camphor	Ave	0.0752	0.0900		120	100	19.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Lab Sample ID: CCVIS 460-316056/3 Calibration Date: 08/12/2015 07:29

Instrument ID: CVOAMS13 Calib Start Date: 07/29/2015 14:10

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/29/2015 20:18

Lab File ID: P02285.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.307	2.764		24.0	20.0	19.8	50.0
1,2,3-Trichlorobenzene	Ave	0.9659	0.9873		20.4	20.0	2.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2067	0.1868		45.2	50.0	-9.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2494	0.2487		49.9	50.0	-0.3	20.0
Toluene-d8 (Surr)	Ave	1.072	1.107		51.6	50.0	3.3	20.0
4-Bromofluorobenzene	Ave	0.3812	0.3436		45.1	50.0	-9.9	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02285.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 12-Aug-2015 07:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0030650-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub39

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 10:39:14 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: desais Date: 12-Aug-2015 10:35:45

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	0.931	0.931	0.000	89	6770	20.0	28.9	
2	Dichlorodifluoromethane	85	0.943	0.943	0.000	98	47529	20.0	17.8	
3	Vinyl chloride	62	1.089	1.089	0.000	98	62265	20.0	19.8	
4	Chloromethane	50	1.101	1.101	0.000	70	82797	20.0	19.0	
5	Butadiene	54	1.101	1.101	0.000	95	47255	20.0	17.3	
6	Bromomethane	94	1.266	1.266	0.000	98	20238	20.0	23.5	
7	Chloroethane	64	1.333	1.333	0.000	99	40115	20.0	22.5	
8	Pentane	72	1.400	1.400	0.000	96	18238	40.0	44.9	
9	Trichlorofluoromethane	101	1.406	1.406	0.000	97	74399	20.0	18.1	
10	Dichlorofluoromethane	67	1.437	1.437	0.000	98	109825	20.0	21.1	
11	2-Methyl-1,3-butadiene	67	1.571	1.571	0.000	98	77572	20.0	22.4	
12	Ethyl ether	59	1.577	1.577	0.000	94	51197	20.0	20.7	
13	Ethanol	46	1.674	1.674	0.000	98	19944	800.0	835.7	
14	1,1-Dichloroethene	96	1.687	1.687	0.000	97	47069	20.0	19.5	
15	1,2-Dichloro-1,1,2-trifluo	67	1.687	1.687	0.000	86	60175	20.0	18.7	
16	Carbon disulfide	76	1.705	1.705	0.000	100	171216	20.0	18.4	
17	1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	94	45379	20.0	23.4	
18	Iodomethane	142	1.772	1.772	0.000	99	23972	20.0	10.5	
19	Cyclopentene	67	1.863	1.863	0.000	97	140514	20.0	20.4	
20	Acrolein	56	1.888	1.888	0.000	92	5261	40.0	40.3	
21	3-Chloro-1-propene	76	1.961	1.961	0.000	91	29456	20.0	20.6	
22	Isopropyl alcohol	45	1.997	1.997	0.000	98	58610	200.0	190.5	
23	Methylene Chloride	84	2.028	2.028	0.000	95	53577	20.0	18.9	
24	Acetone	43	2.064	2.064	0.000	85	126099	100.0	72.9	
25	trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	53106	20.0	18.7	
26	Methyl acetate	43	2.138	2.138	0.000	100	396353	100.0	99.1	
27	Hexane	57	2.174	2.174	0.000	91	106464	20.0	20.9	
28	Methyl tert-butyl ether	73	2.199	2.199	0.000	97	173111	20.0	20.8	
* 29	TBA-d9 (IS)	65	2.229	2.229	0.000	100	386436	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.278	2.278	0.000	99	93037	200.0	208.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.357	2.357	0.000	98	100891	200.0	183.1	
32 Isopropyl ether	45	2.449	2.449	0.000	96	190432	20.0	18.8	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	92	45203	20.0	20.1	
34 1,1-Dichloroethane	63	2.522	2.522	0.000	99	101218	20.0	19.5	
35 Acrylonitrile	53	2.558	2.558	0.000	94	273255	200.0	219.1	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	87	164643	20.0	18.4	
38 Allyl alcohol	57	2.692	2.692	0.000	47	90151	500.0	483.2	
37 Vinyl acetate	43	2.699	2.699	0.000	47	54062	40.0	15.0	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	96	52134	20.0	18.4	
40 2,2-Dichloropropane	77	2.973	2.973	0.000	97	70546	20.0	19.2	
41 Cyclohexane	56	3.034	3.034	0.000	95	79591	20.0	22.6	
42 Chlorobromomethane	128	3.040	3.040	0.000	94	25171	20.0	17.5	
43 Chloroform	83	3.101	3.101	0.000	98	85213	20.0	19.0	
44 Carbon tetrachloride	117	3.198	3.198	0.000	97	57450	20.0	19.2	
45 Ethyl acetate	43	3.205	3.205	0.000	99	115242	40.0	68.2	
46 Methyl acrylate	55	3.211	3.211	0.000	65	56869	20.0	20.9	
47 Tetrahydrofuran	42	3.223	3.223	0.000	91	56031	40.0	41.2	
$ 48 Dibromofluoromethane (Surr	113	3.241	3.241	0.000	97	100347	50.0	45.2	
49 1,1,1-Trichloroethane	97	3.253	3.253	0.000	98	71908	20.0	19.3	
* 157 2-Butanone-d5	46	3.308	3.308	0.000	0	387943	250.0	250.0	
50 2-Butanone (MEK)	72	3.345	3.345	0.000	100	42122	100.0	87.4	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	93	66075	20.0	18.8	
52 Isooctane	57	3.436	3.436	0.000	98	126511	20.0	23.0	
53 n-Heptane	57	3.534	3.534	0.000	95	29848	20.0	19.0	
54 Benzene	78	3.546	3.546	0.000	95	209611	20.0	20.5	
55 Propionitrile	54	3.576	3.576	0.000	99	104807	200.0	182.4	
56 Methacrylonitrile	67	3.595	3.595	0.000	94	277565	200.0	221.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	133625	50.0	49.9	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	149347	20.0	19.0	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	73842	20.0	19.4	
60 Isobutyl alcohol	43	3.790	3.790	0.000	98	81904	500.0	475.3	
* 61 Fluorobenzene	96	3.906	3.906	0.000	99	537242	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	95	245103	40.0	41.3	
62 Isopropyl acetate	43	3.973	3.973	0.000	96	123519	20.0	22.0	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	75392	20.0	20.8	
64 Trichloroethene	130	4.058	4.058	0.000	97	53306	20.0	18.7	
66 n-Butanol	56	4.442	4.442	0.000	92	48840	500.0	473.2	
67 Dibromomethane	93	4.442	4.442	0.000	97	32086	20.0	19.8	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	88	52430	20.0	19.1	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	74588	20.0	22.0	
70 Dichlorobromomethane	83	4.625	4.625	0.000	98	64722	20.0	19.3	
71 Methyl methacrylate	100	4.814	4.814	0.000	93	32516	40.0	42.7	
* 72 1,4-Dioxane-d8	96	4.832	4.832	0.000	72	39219	1000.0	1000.0	
73 1,4-Dioxane	88	4.851	4.851	0.000	72	18699	400.0	439.2	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	89537	20.0	21.3	
75 2-Chloroethyl vinyl ether	63	5.253	5.253	0.000	96	34489	20.0	21.8	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	80143	20.0	21.5	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	419508	50.0	51.6	
78 Toluene	91	5.546	5.546	0.000	93	215489	20.0	20.5	
79 Epichlorohydrin	57	5.576	5.576	0.000	99	129422	400.0	403.5	
80 2-Nitropropane	41	5.814	5.814	0.000	99	30593	40.0	45.5	
81 Tetrachloroethene	166	5.984	5.984	0.000	98	50936	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	98	323105	100.0	104.2	
83 trans-1,3-Dichloropropene	75	6.052	6.052	0.000	98	72896	20.0	21.7	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	39208	20.0	21.3	
85 Ethyl methacrylate	69	6.314	6.314	0.000	90	65291	20.0	21.5	
86 Chlorodibromomethane	129	6.436	6.436	0.000	98	46027	20.0	19.6	
87 1,3-Dichloropropane	76	6.558	6.558	0.000	95	82440	20.0	22.0	
88 Ethylene Dibromide	107	6.698	6.698	0.000	97	46499	20.0	20.5	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	69364	20.0	38.6	
90 2-Hexanone	43	7.106	7.106	0.000	98	234662	100.0	103.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	378852	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	94	140902	20.0	20.3	
93 Ethylbenzene	106	7.502	7.502	0.000	98	73997	20.0	20.9	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	44905	20.0	19.6	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	89374	20.0	20.6	
96 o-Xylene	106	8.319	8.319	0.000	94	84606	20.0	20.9	
97 Bromoform	173	8.386	8.386	0.000	97	30755	20.0	17.5	
98 Styrene	104	8.399	8.399	0.000	95	145093	20.0	21.1	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	35088	20.0	20.9	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	229360	20.0	21.9	
101 Camphene	41	8.929	8.929	0.000	96	17245	20.0	24.7	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	89	96430	20.0	22.8	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	90	130169	50.0	45.1	
104 Bromobenzene	156	9.301	9.301	0.000	97	59245	20.0	19.4	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	269569	20.0	22.8	
106 1,1,2,2-Tetrachloroethane	83	9.594	9.594	0.000	98	63005	20.0	23.2	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	191050	20.0	22.4	
108 4-Ethyltoluene	105	9.642	9.642	0.000	98	241182	20.0	22.3	
109 1,2,3-Trichloropropane	110	9.740	9.740	0.000	98	19098	20.0	23.0	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	93	194646	20.0	22.5	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.862	0.000	88	20884	20.0	26.0	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	177372	20.0	22.7	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	158715	20.0	22.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	96	60592	20.0	17.4	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	207108	20.0	23.1	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	240420	20.0	23.6	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	95	117420	20.0	20.5	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	211385	20.0	24.2	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	211028	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	94	121863	20.0	19.9	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	95	213796	20.0	21.9	
122 Benzyl chloride	91	11.416	11.416	0.000	97	155883	20.0	23.0	
123 p-Diethylbenzene	119	11.429	11.429	0.000	95	128208	20.0	22.7	
124 n-Butylbenzene	91	11.502	11.502	0.000	98	195717	20.0	23.4	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	96	118352	20.0	20.4	
126 1,2,4,5-Tetramethylbenzene	119	12.441	12.441	0.000	97	188565	20.0	18.0	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	14660	20.0	22.2	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	90949	20.0	19.5	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	85151	20.0	19.6	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	94	31293	20.0	17.4	
131 Camphor	95	13.532	13.532	0.000	91	37971	100.0	119.7	
132 Naphthalene	128	13.562	13.562	0.000	99	233328	20.0	24.0	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	83339	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.1	
S 135 Xylenes, Total	100				0		40.0	41.5	
S 136 Total BTEX	1				0		100.0	103.4	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00113	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 12-Aug-2015 10:39:15 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02285.D

Injection Date: 12-Aug-2015 07:29:30 Instrument ID: CVOAMS13 Operator ID:

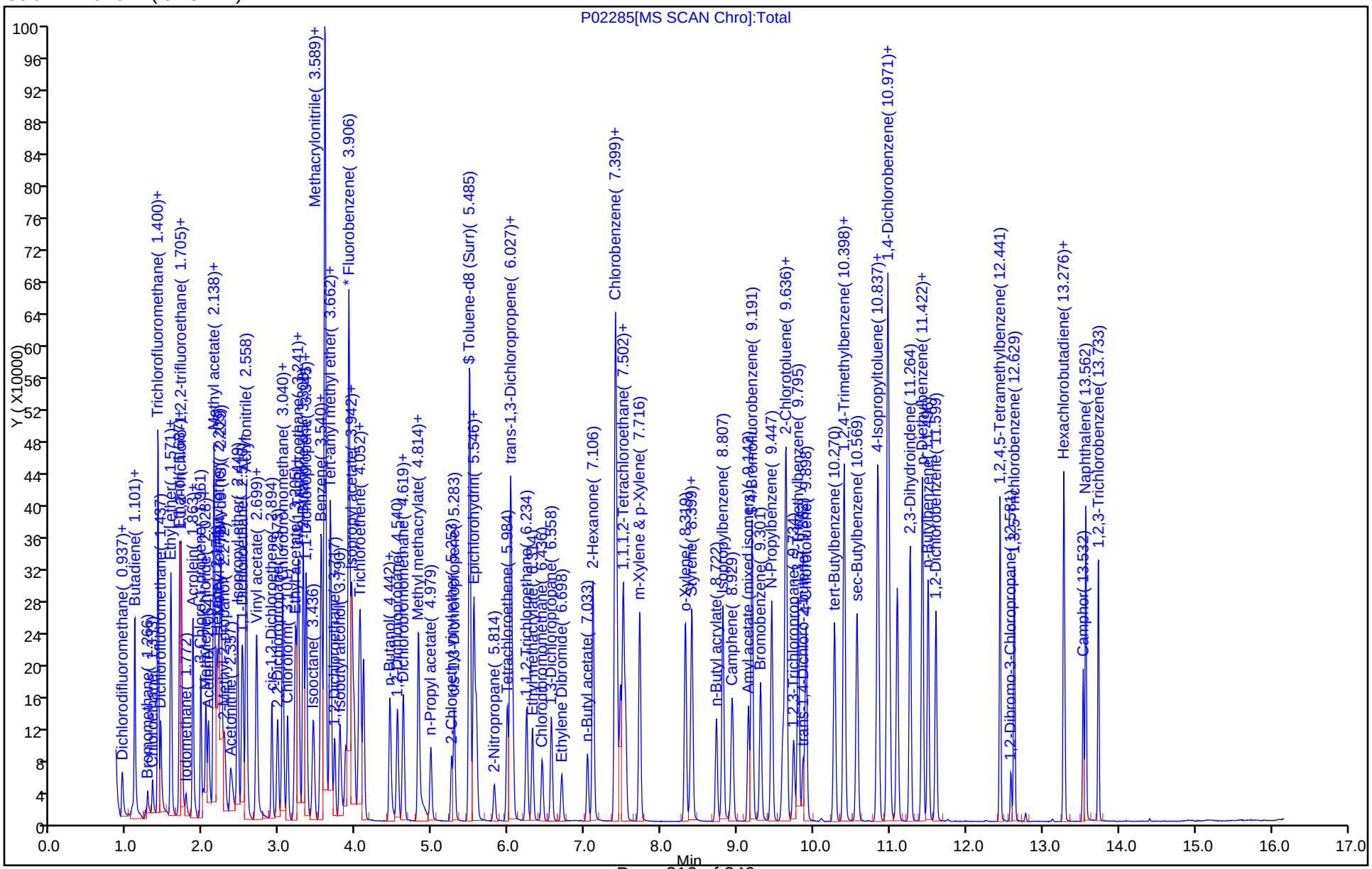
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01801.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Jul-2015 13:17:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030198-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 30-Jul-2015 08:14:20 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.303	2.303	0.000	93	47770	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

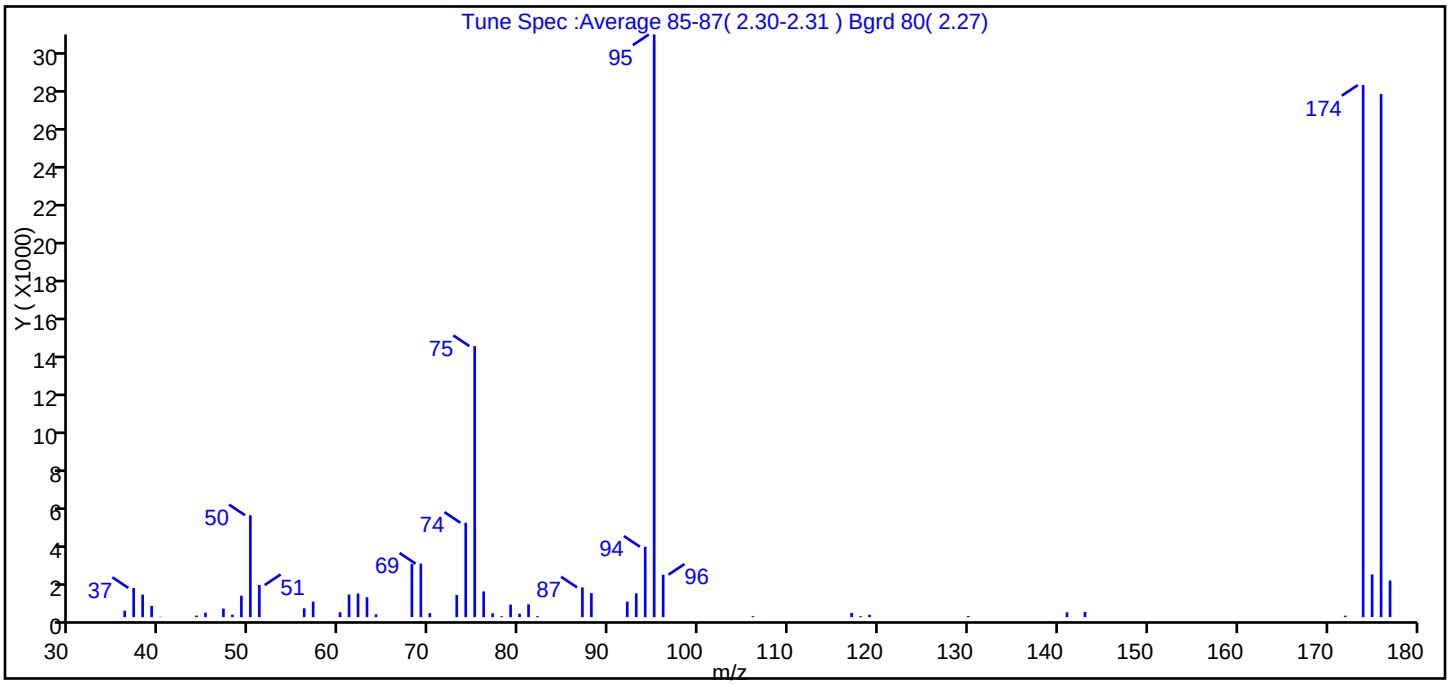
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01801.D
Injection Date: 29-Jul-2015 13:17:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	91.3
175	5 to 9% of m/z 174	7.3 (8.0)
176	Greater than 95% but less than 101% of m/z 174	89.8 (98.3)
177	5 to 9% of m/z 176	6.3 (7.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01801.D\8260W_13.rslt\spectra.d
Injection Date: 29-Jul-2015 13:17:30
Spectrum: Tune Spec :Average 85-87(2.30-2.31) Bgrd 80(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	342	57.00	823	77.00	200	106.00	54
37.00	1547	60.00	260	78.00	50	117.00	225
38.00	1198	61.00	1202	79.00	666	118.00	52
39.00	600	62.00	1249	80.00	185	119.00	122
40.00	20	63.00	1053	81.00	677	130.00	60
44.00	85	64.00	152	82.00	55	141.00	254
45.00	238	68.00	2821	87.00	1574	143.00	276
47.00	458	69.00	2834	88.00	1270	172.00	78
48.00	129	70.00	211	92.00	821	174.00	28184
49.00	1135	73.00	1174	93.00	1263	175.00	2261
50.00	5398	74.00	4999	94.00	3730	176.00	27712
51.00	1698	75.00	14357	95.00	30864	177.00	1942
56.00	468	76.00	1361	96.00	2249		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02283.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-Aug-2015 05:40:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0030650-001
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 10:39:13 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.303	2.303	0.000	87	29698	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

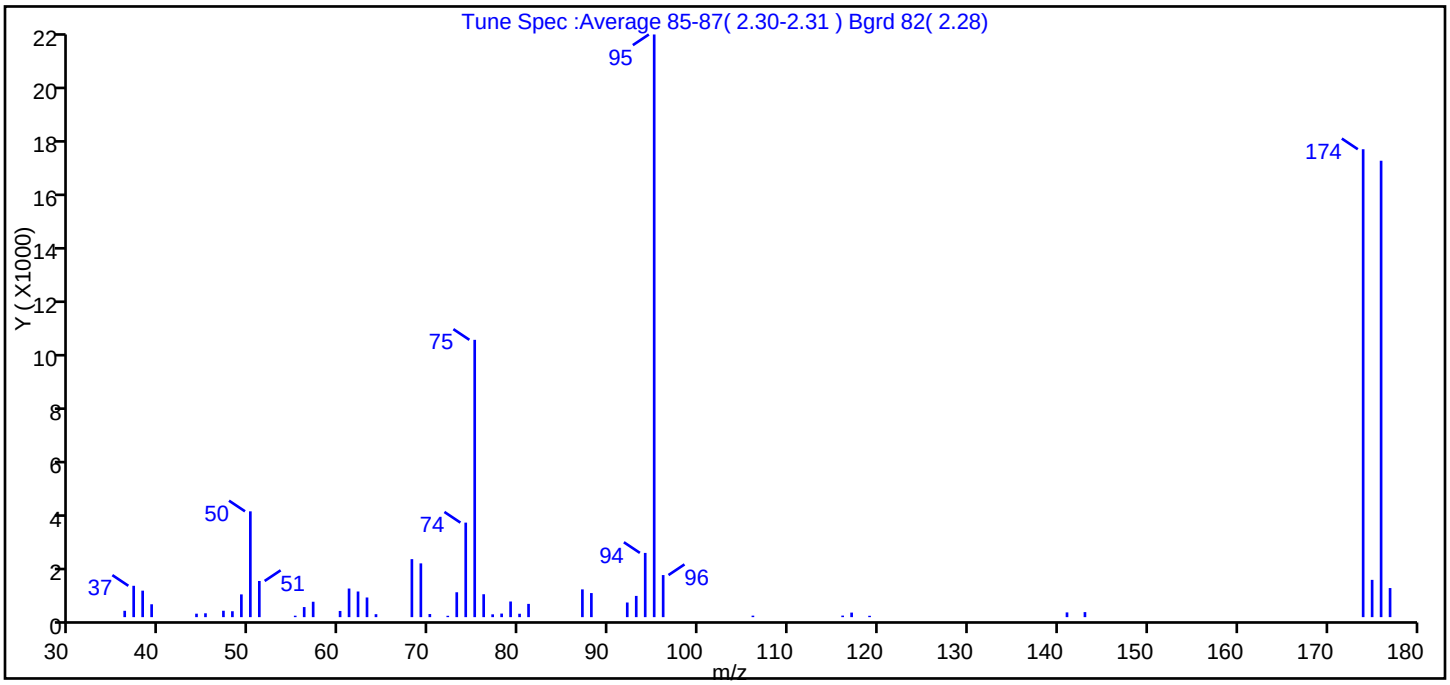
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02283.D
Injection Date: 12-Aug-2015 05:40:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.2
75	30 to 60% of m/z 95	47.6
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	80.3
175	5 to 9% of m/z 174	6.4 (8.0)
176	Greater than 95% but less than 101% of m/z 174	78.3 (97.5)
177	5 to 9% of m/z 176	5.0 (6.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02283.D\8260W_13.rslt\spectra.d
Injection Date: 12-Aug-2015 05:40:30
Spectrum: Tune Spec :Average 85-87(2.30-2.31) Bgrd 82(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 49

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	234	57.00	568	76.00	845	106.00	55
37.00	1156	60.00	228	77.00	104	116.00	57
38.00	977	61.00	1055	78.00	132	117.00	168
39.00	475	62.00	946	79.00	577	119.00	50
44.00	128	63.00	725	80.00	125	141.00	175
45.00	142	64.00	109	81.00	489	143.00	186
47.00	236	68.00	2139	87.00	1024	174.00	17256
48.00	218	69.00	1983	88.00	888	175.00	1375
49.00	839	70.00	115	92.00	540	176.00	16832
50.00	3902	72.00	50	93.00	783	177.00	1073
51.00	1334	73.00	918	94.00	2369		
55.00	53	74.00	3486	95.00	21488		
56.00	372	75.00	10227	96.00	1552		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-316056/6

Matrix: Water | Lab File ID: P02288.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:02

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-316056/6

Matrix: Water | Lab File ID: P02288.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:02

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-316056/6

Matrix: Water Lab File ID: P02288.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 09:02

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02288.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 12-Aug-2015 09:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0030650-006
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 10:39:14 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: desais Date: 12-Aug-2015 10:37:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	343951	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	97500	50.0	45.8	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	327739	250.0	250.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	124325	50.0	48.4	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	515199	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	93	31536	1000.0	1000.0	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	393810	50.0	51.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	357411	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	95	116307	50.0	42.7	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	198617	50.0	50.0	

Reagents:

8260ISNEW_00006 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00086 Amount Added: 1.00 Units: uL Run Reagent

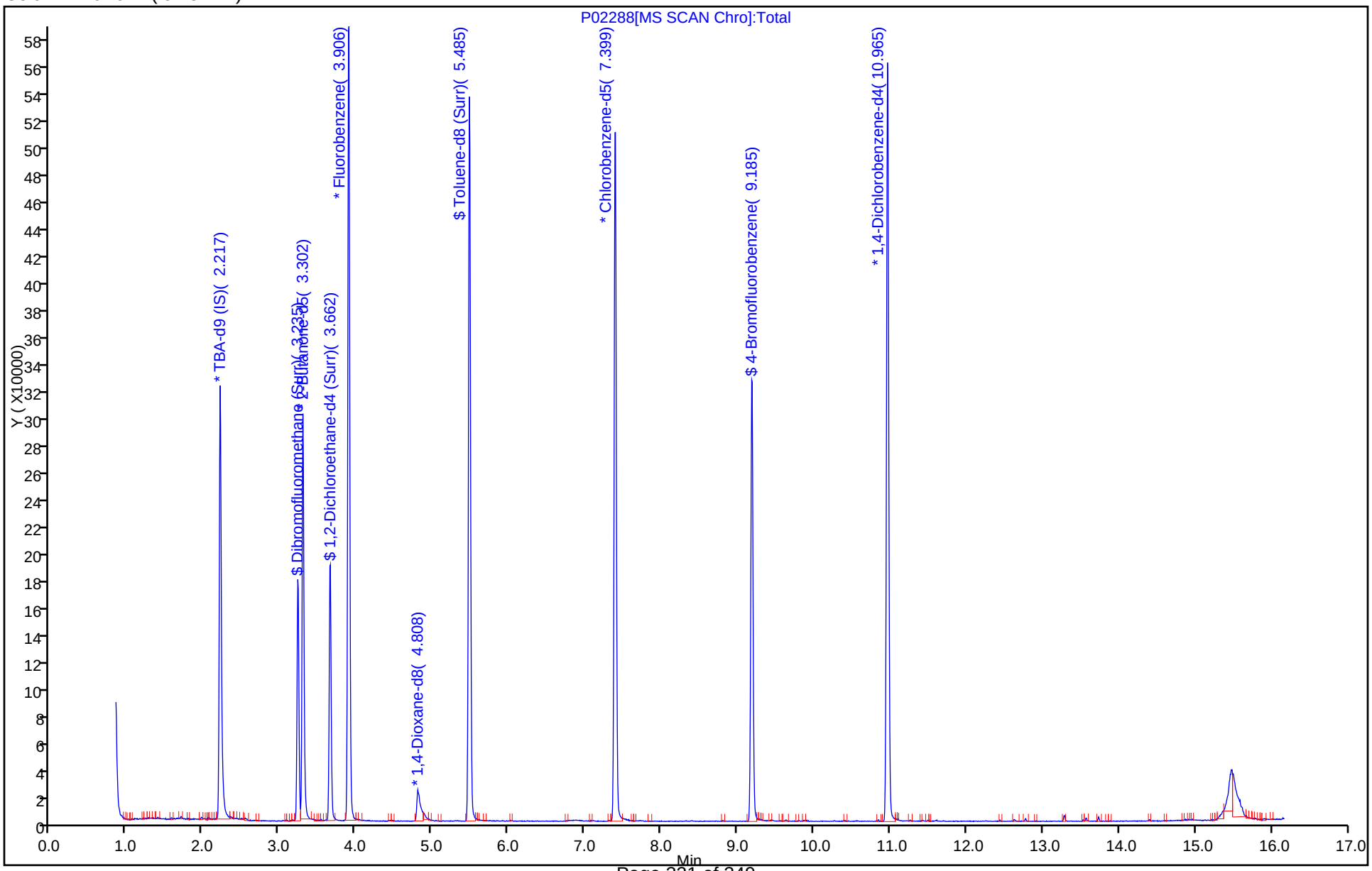
Report Date: 12-Aug-2015 10:39:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02288.D

Injection Date:	12-Aug-2015 09:02:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-316056/4

Matrix: Water | Lab File ID: P02286.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 08:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.7		1.0	0.34
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.080
75-34-3	1,1-Dichloroethane	18.6		1.0	0.24
75-35-4	1,1-Dichloroethene	17.8		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	18.8		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	18.2		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.22
107-06-2	1,2-Dichloroethane	18.4		1.0	0.25
78-87-5	1,2-Dichloropropane	18.5		1.0	0.18
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.33
123-91-1	1,4-Dioxane	444		50	8.7
78-93-3	2-Butanone (MEK)	85.1		5.0	2.2
591-78-6	2-Hexanone	100		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	0.63
67-64-1	Acetone	72.6		5.0	1.1
71-43-2	Benzene	19.6		1.0	0.090
75-25-2	Bromoform	16.8		1.0	0.18
74-83-9	Bromomethane	27.3		1.0	0.18
75-15-0	Carbon disulfide	16.8		1.0	0.22
56-23-5	Carbon tetrachloride	17.4		1.0	0.33
108-90-7	Chlorobenzene	19.6		1.0	0.24
74-97-5	Chlorobromomethane	17.8		1.0	0.30
124-48-1	Chlorodibromomethane	18.9		1.0	0.22
75-00-3	Chloroethane	21.2		1.0	0.37
67-66-3	Chloroform	18.1		1.0	0.22
74-87-3	Chloromethane	17.1		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	20.9		1.0	0.16
110-82-7	Cyclohexane	20.3		1.0	0.26
75-27-4	Dichlorobromomethane	18.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.2		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-316056/4

Matrix: Water | Lab File ID: P02286.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 08:10

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.3		1.0	0.30
106-93-4	Ethylene Dibromide	19.2		1.0	0.19
98-82-8	Isopropylbenzene	20.5		1.0	0.32
79-20-9	Methyl acetate	83.9		5.0	0.58
1634-04-4	Methyl tert-butyl ether	19.5		1.0	0.13
108-87-2	Methylcyclohexane	18.7		1.0	0.22
75-09-2	Methylene Chloride	18.6		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	19.7		1.0	0.28
95-47-6	o-Xylene	20.0		1.0	0.32
100-42-5	Styrene	20.4		1.0	0.17
127-18-4	Tetrachloroethene	17.2		1.0	0.12
108-88-3	Toluene	19.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	17.2		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.19
79-01-6	Trichloroethene	18.1		1.0	0.22
75-69-4	Trichlorofluoromethane	16.2		1.0	0.15
75-01-4	Vinyl chloride	17.6		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	89		72-137
2037-26-5	Toluene-d8 (Surr)	103		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02286.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 12-Aug-2015 08:10:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0030650-004
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 10:39:14 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: desais Date: 12-Aug-2015 10:36:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.931	-0.007	88	6595	20.0	27.5	
2 Dichlorodifluoromethane	85	0.937	0.943	-0.006	99	44127	20.0	16.2	
3 Vinyl chloride	62	1.089	1.089	0.000	98	56559	20.0	17.6	
4 Chloromethane	50	1.095	1.101	-0.006	86	76559	20.0	17.1	
5 Butadiene	54	1.095	1.101	-0.006	93	44211	20.0	15.8	
6 Bromomethane	94	1.260	1.266	-0.006	96	21478	20.0	27.3	
7 Chloroethane	64	1.327	1.333	-0.006	100	38673	20.0	21.2	
8 Pentane	72	1.400	1.400	0.000	96	17257	40.0	46.9	
9 Trichlorofluoromethane	101	1.400	1.406	-0.006	97	68319	20.0	16.2	
10 Dichlorofluoromethane	67	1.437	1.437	0.000	99	105821	20.0	19.9	
11 2-Methyl-1,3-butadiene	67	1.565	1.571	-0.006	97	67397	20.0	19.0	
12 Ethyl ether	59	1.577	1.577	0.000	94	48491	20.0	19.2	
13 Ethanol	46	1.674	1.674	0.000	98	17936	800.0	830.7	
14 1,1-Dichloroethene	96	1.686	1.687	0.000	97	43914	20.0	17.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	0.000	86	55764	20.0	17.0	
16 Carbon disulfide	76	1.705	1.705	0.000	100	160179	20.0	16.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	93	43157	20.0	21.7	
18 Iodomethane	142	1.766	1.772	-0.006	97	26388	20.0	11.3	
19 Cyclopentene	67	1.857	1.863	-0.006	96	130531	20.0	18.5	
20 Acrolein	56	1.882	1.888	-0.006	92	4626	40.0	39.2	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	90	28327	20.0	19.4	
22 Isopropyl alcohol	45	1.991	1.997	-0.006	98	51657	200.0	185.6	
23 Methylene Chloride	84	2.028	2.028	0.000	95	54010	20.0	18.6	
24 Acetone	43	2.058	2.064	-0.006	85	113059	100.0	72.6	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	97	49842	20.0	17.2	
26 Methyl acetate	43	2.138	2.138	0.000	100	343915	100.0	83.9	
27 Hexane	57	2.168	2.174	-0.006	93	100572	20.0	19.3	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	97	166328	20.0	19.5	
* 29 TBA-d9 (IS)	65	2.223	2.229	-0.006	100	349614	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.272	2.278	-0.006	99	82795	200.0	204.4	
31 Acetonitrile	41	2.351	2.357	-0.006	98	93948	200.0	188.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.449	-0.007	96	186657	20.0	18.0	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	93	43434	20.0	18.9	
34 1,1-Dichloroethane	63	2.516	2.522	-0.006	99	99044	20.0	18.6	
35 Acrylonitrile	53	2.552	2.558	-0.006	94	241476	200.0	189.0	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	89	161077	20.0	17.5	
38 Allyl alcohol	57	2.692	2.692	0.000	88	85115	500.0	504.2	
37 Vinyl acetate	43	2.692	2.699	-0.006	100	49347	40.0	13.3	
39 cis-1,2-Dichloroethene	96	2.894	2.894	0.000	97	52360	20.0	18.0	
40 2,2-Dichloropropane	77	2.967	2.973	-0.006	97	65903	20.0	17.5	
41 Cyclohexane	56	3.034	3.034	0.000	94	73281	20.0	20.3	
42 Chlorobromomethane	128	3.040	3.040	0.000	94	26214	20.0	17.8	
43 Chloroform	83	3.101	3.101	0.000	99	83241	20.0	18.1	
44 Carbon tetrachloride	117	3.192	3.198	-0.006	98	53236	20.0	17.4	
45 Ethyl acetate	43	3.204	3.205	0.000	99	99890	40.0	65.6	
46 Methyl acrylate	55	3.204	3.211	-0.007	65	52273	20.0	18.7	
47 Tetrahydrofuran	42	3.223	3.223	0.000	93	50321	40.0	41.1	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	101399	50.0	44.6	
49 1,1,1-Trichloroethane	97	3.247	3.253	-0.006	97	67435	20.0	17.7	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	349498	250.0	250.0	
50 2-Butanone (MEK)	72	3.339	3.345	-0.006	99	36934	100.0	85.1	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	93	62541	20.0	17.4	
52 Isooctane	57	3.436	3.436	0.000	98	117375	20.0	20.9	
53 n-Heptane	57	3.534	3.534	0.000	95	27711	20.0	17.2	
54 Benzene	78	3.546	3.546	0.000	96	202918	20.0	19.6	
55 Propionitrile	54	3.576	3.576	0.000	97	90890	200.0	174.8	
56 Methacrylonitrile	67	3.589	3.595	-0.006	94	246921	200.0	192.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	98	130733	50.0	47.6	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	143086	20.0	17.8	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	71807	20.0	18.4	
60 Isobutyl alcohol	43	3.784	3.790	-0.006	98	70279	500.0	450.8	
* 61 Fluorobenzene	96	3.906	3.906	0.000	98	550258	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	94	221998	40.0	36.5	
62 Isopropyl acetate	43	3.973	3.973	0.000	98	110553	20.0	19.3	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	69465	20.0	18.7	
64 Trichloroethene	130	4.058	4.058	0.000	96	53007	20.0	18.1	
66 n-Butanol	56	4.436	4.442	-0.006	96	42907	500.0	459.7	
67 Dibromomethane	93	4.442	4.442	0.000	96	30992	20.0	18.6	
68 1,2-Dichloropropane	63	4.540	4.540	0.000	88	51991	20.0	18.5	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	69534	20.0	20.1	
70 Dichlorobromomethane	83	4.619	4.625	-0.006	98	62866	20.0	18.3	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	29148	40.0	37.4	
* 72 1,4-Dioxane-d8	96	4.814	4.832	-0.018	77	34662	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.851	-0.007	95	16691	400.0	443.6	
74 n-Propyl acetate	43	4.979	4.979	0.000	99	82380	20.0	19.1	
75 2-Chloroethyl vinyl ether	63	5.247	5.253	-0.006	96	31354	20.0	19.4	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	78935	20.0	20.9	
$ 77 Toluene-d8 (Surr)	98	5.485	5.485	0.000	99	423867	50.0	51.5	
78 Toluene	91	5.545	5.546	-0.001	92	209328	20.0	19.7	
79 Epichlorohydrin	57	5.570	5.576	-0.006	100	114105	400.0	394.9	
80 2-Nitropropane	41	5.814	5.814	0.000	98	26954	40.0	39.2	
81 Tetrachloroethene	166	5.978	5.984	-0.006	98	47961	20.0	17.2	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	98	287560	100.0	102.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	97	69506	20.0	20.4	
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	95	38381	20.0	20.6	
85 Ethyl methacrylate	69	6.308	6.314	-0.006	91	61508	20.0	19.8	
86 Chlorodibromomethane	129	6.442	6.436	0.006	99	44943	20.0	18.9	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	78701	20.0	20.7	
88 Ethylene Dibromide	107	6.692	6.698	-0.006	99	44031	20.0	19.2	
89 n-Butyl acetate	43	7.033	7.033	0.000	97	63007	20.0	34.6	
90 2-Hexanone	43	7.106	7.106	0.000	98	204992	100.0	100.4	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	87	383492	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	96	137934	20.0	19.6	
93 Ethylbenzene	106	7.496	7.502	-0.006	98	72745	20.0	20.3	
94 1,1,1,2-Tetrachloroethane	131	7.533	7.533	0.000	95	43539	20.0	18.8	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	97	86365	20.0	19.7	
96 o-Xylene	106	8.313	8.319	-0.006	94	82087	20.0	20.0	
97 Bromoform	173	8.386	8.386	0.000	94	29907	20.0	16.8	
98 Styrene	104	8.405	8.399	0.006	95	142124	20.0	20.4	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	32262	20.0	19.0	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	217096	20.0	20.5	
101 Camphene	41	8.929	8.929	0.000	96	15559	20.0	22.0	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	90867	20.0	21.3	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	94	129280	50.0	44.2	
104 Bromobenzene	156	9.301	9.301	0.000	97	57585	20.0	18.7	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	259551	20.0	21.8	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	97	57765	20.0	21.1	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	181861	20.0	21.1	
108 4-Ethyltoluene	105	9.636	9.642	-0.006	98	230786	20.0	21.2	
109 1,2,3-Trichloropropane	110	9.740	9.740	0.000	97	18051	20.0	21.5	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	0.000	94	187793	20.0	21.6	
111 trans-1,4-Dichloro-2-buten	53	9.856	9.862	-0.006	89	19240	20.0	23.8	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	175188	20.0	22.3	
113 tert-Butylbenzene	119	10.270	10.270	0.000	94	149978	20.0	20.8	
114 Butyl Methacrylate	87	10.392	10.392	0.000	96	59038	20.0	16.8	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	202185	20.0	22.4	
116 sec-Butylbenzene	105	10.569	10.569	0.000	99	228663	20.0	22.3	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	95	114299	20.0	19.8	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	203672	20.0	23.2	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	212474	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.990	10.990	0.000	95	118847	20.0	19.3	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	209533	20.0	21.3	
122 Benzyl chloride	91	11.416	11.416	0.000	97	140153	20.0	20.6	
123 p-Diethylbenzene	119	11.428	11.429	0.000	95	119164	20.0	21.0	
124 n-Butylbenzene	91	11.496	11.502	-0.006	98	187430	20.0	22.3	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	97	114380	20.0	19.5	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	0.000	98	181031	20.0	17.2	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	93	12703	20.0	19.1	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	97	87201	20.0	18.6	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	79652	20.0	18.2	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	93	29558	20.0	16.3	
131 Camphor	95	13.532	13.532	0.000	92	31321	100.0	98.0	
132 Naphthalene	128	13.562	13.562	0.000	99	213450	20.0	21.8	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	77121	20.0	18.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	35.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	39.7	
S 136 Total BTEX	1				0		100.0	99.2	

Reagents:

GASES Li_00113	Amount Added: 20.00	Units: uL	
ACROLEIN W_00041	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00025	Amount Added: 20.00	Units: uL	
8260ISNEW_00006	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 12-Aug-2015 10:39:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02286.D

Injection Date: 12-Aug-2015 08:10:30 Instrument ID: CVOAMS13 Operator ID:

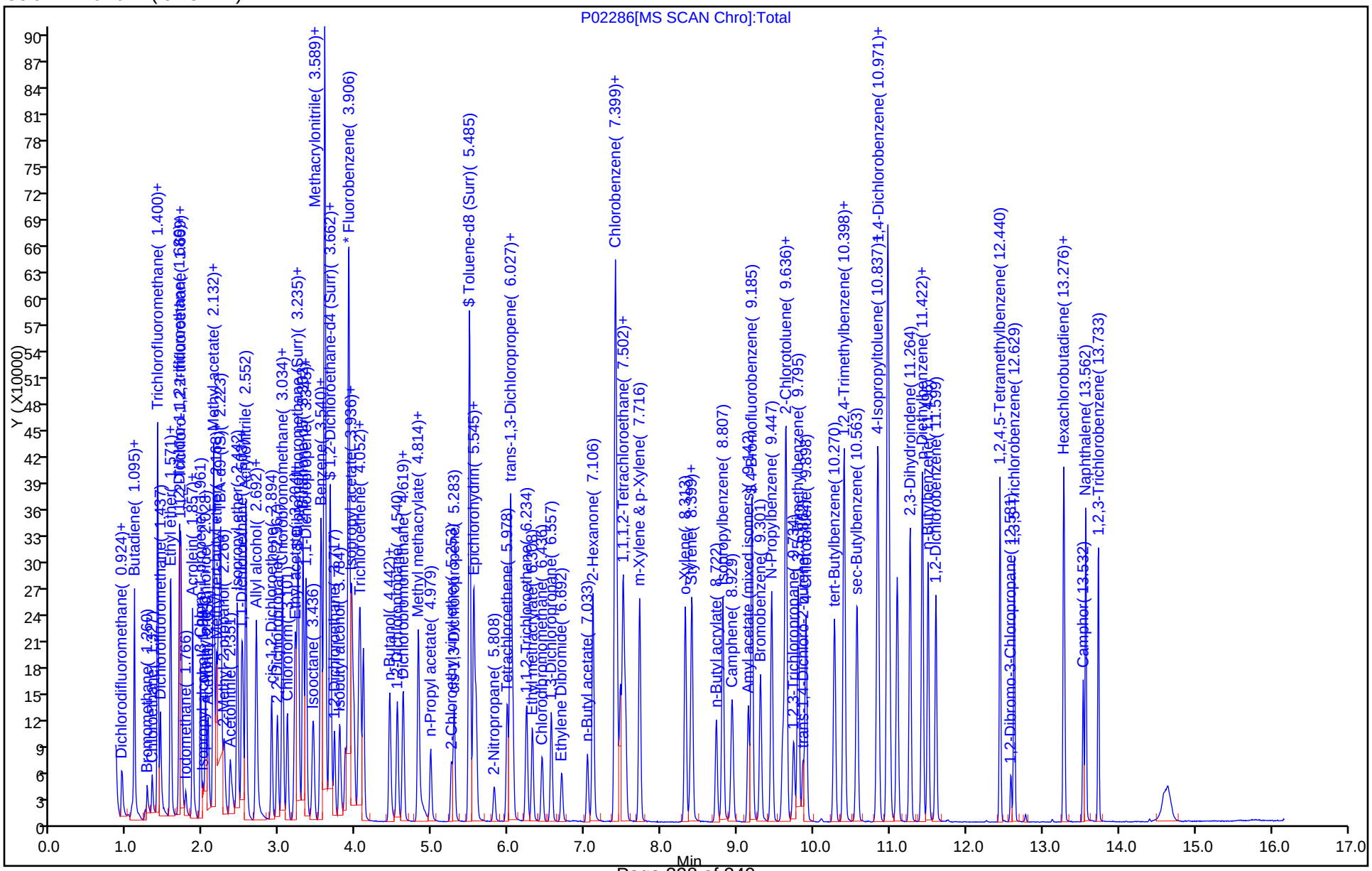
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 MS | Lab Sample ID: 460-99291-1 MS

Matrix: Water | Lab File ID: P02305.D

Analysis Method: 8260C | Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	187		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	201		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	153		10	3.4
79-00-5	1,1,2-Trichloroethane	198		10	0.80
75-34-3	1,1-Dichloroethane	187		10	2.4
75-35-4	1,1-Dichloroethene	177		10	3.4
87-61-6	1,2,3-Trichlorobenzene	178		10	3.5
120-82-1	1,2,4-Trichlorobenzene	177		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	173		10	2.3
95-50-1	1,2-Dichlorobenzene	198		10	2.2
107-06-2	1,2-Dichloroethane	180		10	2.5
78-87-5	1,2-Dichloropropane	184		10	1.8
541-73-1	1,3-Dichlorobenzene	200		10	3.3
106-46-7	1,4-Dichlorobenzene	193		10	3.3
123-91-1	1,4-Dioxane	4220		500	87
78-93-3	2-Butanone (MEK)	907		50	22
591-78-6	2-Hexanone	1020		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1060		50	6.3
67-64-1	Acetone	679		50	11
71-43-2	Benzene	197		10	0.90
75-25-2	Bromoform	168		10	1.8
74-83-9	Bromomethane	303		10	1.8
75-15-0	Carbon disulfide	170		10	2.2
56-23-5	Carbon tetrachloride	182		10	3.3
108-90-7	Chlorobenzene	202		10	2.4
74-97-5	Chlorobromomethane	193		10	3.0
124-48-1	Chlorodibromomethane	196		10	2.2
75-00-3	Chloroethane	213		10	3.7
67-66-3	Chloroform	190		10	2.2
74-87-3	Chloromethane	170		10	2.2
156-59-2	cis-1,2-Dichloroethene	185		10	2.6
10061-01-5	cis-1,3-Dichloropropene	194		10	1.6
110-82-7	Cyclohexane	156		10	2.6
75-27-4	Dichlorobromomethane	187		10	1.5
75-71-8	Dichlorodifluoromethane	141		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 MS | Lab Sample ID: 460-99291-1 MS

Matrix: Water | Lab File ID: P02305.D

Analysis Method: 8260C | Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	206		10	3.0
106-93-4	Ethylene Dibromide	186		10	1.9
98-82-8	Isopropylbenzene	212		10	3.2
79-20-9	Methyl acetate	704		50	5.8
1634-04-4	Methyl tert-butyl ether	183		10	1.3
108-87-2	Methylcyclohexane	135		10	2.2
75-09-2	Methylene Chloride	189		10	2.1
179601-23-1	m-Xylene & p-Xylene	211		10	2.8
95-47-6	o-Xylene	205		10	3.2
100-42-5	Styrene	201		10	1.7
127-18-4	Tetrachloroethene	176		10	1.2
108-88-3	Toluene	197		10	2.5
156-60-5	trans-1,2-Dichloroethene	179		10	1.8
10061-02-6	trans-1,3-Dichloropropene	196		10	1.9
79-01-6	Trichloroethene	181		10	2.2
75-69-4	Trichlorofluoromethane	162		10	1.5
75-01-4	Vinyl chloride	180		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	90		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02305.D
Lims ID: 460-99291-A-1 MS
Client ID:
Sample Type: MS
Inject. Date: 12-Aug-2015 16:09:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-99291-A-1 MS
Misc. Info.: 460-0030650-023
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Aug-2015 17:41:15 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: starzecm Date: 12-Aug-2015 17:41:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.931	-0.007	88	3804	20.0	16.8	
2 Dichlorodifluoromethane	85	0.936	0.943	-0.007	99	36328	20.0	14.1	
3 Vinyl chloride	62	1.089	1.089	0.000	98	54925	20.0	18.0	
4 Chloromethane	50	1.095	1.101	-0.006	74	71912	20.0	17.0	
5 Butadiene	54	1.095	1.101	-0.006	94	40147	20.0	15.1	
6 Bromomethane	94	1.260	1.266	-0.006	98	18094	20.0	30.3	
7 Chloroethane	64	1.327	1.333	-0.006	100	36769	20.0	21.3	
8 Pentane	72	1.400	1.400	0.000	97	8586	40.0	31.0	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	96	64500	20.0	16.2	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	103193	20.0	20.5	
11 2-Methyl-1,3-butadiene	67	1.564	1.571	-0.007	97	53013	20.0	15.8	
12 Ethyl ether	59	1.577	1.577	0.000	93	42408	20.0	17.7	
13 Ethanol	46	1.662	1.674	-0.012	99	13526	800.0	832.4	
14 1,1-Dichloroethene	96	1.686	1.687	0.000	98	41402	20.0	17.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	0.000	79	50541	20.0	16.2	
16 Carbon disulfide	76	1.705	1.705	0.000	100	153223	20.0	17.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	95	28832	20.0	15.3	
18 Iodomethane	142	1.766	1.772	-0.006	99	23610	20.0	10.7	
19 Cyclopentene	67	1.857	1.863	-0.006	97	107930	20.0	16.2	
20 Acrolein	56	1.881	1.888	-0.007	93	3334	40.0	37.5	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	27645	20.0	20.0	
22 Isopropyl alcohol	45	1.985	1.997	-0.012	98	38247	200.0	182.6	
23 Methylene Chloride	84	2.028	2.028	0.000	93	52171	20.0	18.9	
24 Acetone	43	2.058	2.064	-0.006	86	83124	100.0	67.9	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	96	49061	20.0	17.9	
26 Methyl acetate	43	2.131	2.138	-0.007	100	273014	100.0	70.4	
27 Hexane	57	2.186	2.174	0.012	77	64727	20.0	13.1	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	96	147513	20.0	18.3	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	263128	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.265	2.278	-0.013	99	59336	200.0	193.7	
31 Acetonitrile	41	2.345	2.357	-0.012	98	76111	200.0	202.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.449	-0.007	96	167465	20.0	17.0	
33 2-Chloro-1,3-butadiene	88	2.497	2.503	-0.006	92	42029	20.0	19.3	
34 1,1-Dichloroethane	63	2.515	2.522	-0.007	99	93842	20.0	18.7	
35 Acrylonitrile	53	2.552	2.558	-0.006	94	204682	200.0	169.3	
36 Tert-butyl ethyl ether	59	2.686	2.692	-0.006	88	146929	20.0	16.9	
38 Allyl alcohol	57	2.686	2.692	-0.006	94	71093	500.0	559.6	
37 Vinyl acetate	43	2.692	2.699	-0.006	100	48963	40.0	14.0	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	98	51041	20.0	18.5	
40 2,2-Dichloropropane	77	2.967	2.973	-0.006	97	59832	20.0	16.8	
41 Cyclohexane	56	3.034	3.034	0.000	92	53406	20.0	15.6	
42 Chlorobromomethane	128	3.040	3.040	0.000	90	26825	20.0	19.3	
43 Chloroform	83	3.101	3.101	0.000	99	82346	20.0	19.0	
44 Carbon tetrachloride	117	3.192	3.198	-0.006	98	52757	20.0	18.2	
45 Ethyl acetate	43	3.204	3.205	0.000	99	83275	40.0	69.6	
46 Methyl acrylate	55	3.204	3.211	-0.007	68	42624	20.0	16.1	
47 Tetrahydrofuran	42	3.217	3.223	-0.006	93	39757	40.0	41.3	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	96531	50.0	44.8	
49 1,1,1-Trichloroethane	97	3.247	3.253	-0.006	97	67501	20.0	18.7	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	274534	250.0	250.0	
50 2-Butanone (MEK)	72	3.338	3.345	-0.007	99	30935	100.0	90.7	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	96	59723	20.0	17.6	
52 Isooctane	57	3.436	3.436	0.000	99	60449	20.0	11.4	
53 n-Heptane	57	3.534	3.534	0.000	92	14444	20.0	9.48	
54 Benzene	78	3.546	3.546	0.000	95	196256	20.0	19.7	
55 Propionitrile	54	3.570	3.576	-0.006	53	77507	200.0	198.1	
56 Methacrylonitrile	67	3.588	3.595	-0.007	94	214175	200.0	176.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.655	3.662	-0.007	97	119771	50.0	46.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	97	128081	20.0	16.8	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	97	66311	20.0	18.0	
60 Isobutyl alcohol	43	3.777	3.790	-0.013	98	52833	500.0	450.3	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	520692	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	96	145660	40.0	25.3	
62 Isopropyl acetate	43	3.972	3.973	-0.001	98	90635	20.0	16.7	
63 Methylcyclohexane	83	4.040	4.040	0.000	95	47417	20.0	13.5	
64 Trichloroethene	130	4.058	4.058	0.000	96	50023	20.0	18.1	
66 n-Butanol	56	4.436	4.442	-0.006	92	31275	500.0	445.5	
67 Dibromomethane	93	4.442	4.442	0.000	96	29385	20.0	18.7	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	88	48944	20.0	18.4	
69 Ethyl acrylate	55	4.613	4.613	0.000	98	56197	20.0	17.1	
70 Dichlorobromomethane	83	4.619	4.625	-0.006	99	60733	20.0	18.7	
71 Methyl methacrylate	100	4.814	4.814	0.000	92	25685	40.0	34.8	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	40	29539	1000.0	1000.0	
73 1,4-Dioxane	88	4.838	4.851	-0.013	92	13528	400.0	421.9	
74 n-Propyl acetate	43	4.978	4.979	-0.001	98	62922	20.0	15.4	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	70677	20.0	19.4	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	390394	50.0	49.3	
78 Toluene	91	5.539	5.546	-0.007	93	201598	20.0	19.7	
79 Epichlorohydrin	57	5.570	5.576	-0.006	98	82854	400.0	365.0	
80 2-Nitropropane	41	5.807	5.814	-0.007	98	23558	40.0	36.2	
81 Tetrachloroethene	166	5.984	5.984	0.000	97	47285	20.0	17.6	
82 4-Methyl-2-pentanone (MIBK	43	6.021	6.027	-0.006	98	233178	100.0	106.3	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	94	64201	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	35487	20.0	19.8	
85 Ethyl methacrylate	69	6.307	6.314	-0.007	90	51829	20.0	17.6	
86 Chlorodibromomethane	129	6.435	6.436	-0.001	98	44771	20.0	19.6	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	96	71880	20.0	19.7	
88 Ethylene Dibromide	107	6.691	6.698	-0.007	100	41073	20.0	18.6	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	49153	20.0	28.1	
90 2-Hexanone	43	7.106	7.106	0.000	98	162915	100.0	101.6	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	85	368970	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	96	136736	20.0	20.2	
93 Ethylbenzene	106	7.502	7.502	0.000	98	70931	20.0	20.6	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	95	42998	20.0	19.3	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	97	89038	20.0	21.1	
96 o-Xylene	106	8.319	8.319	0.000	94	81148	20.0	20.5	
97 Bromoform	173	8.386	8.386	0.000	97	28690	20.0	16.8	
98 Styrene	104	8.405	8.399	0.006	96	134866	20.0	20.1	
99 n-Butyl acrylate	73	8.722	8.722	0.000	96	28296	20.0	17.4	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	216343	20.0	21.2	
101 Camphene	41	8.929	8.929	0.000	97	5794	20.0	8.52	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	76615	20.0	18.2	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	93	128354	50.0	45.6	
104 Bromobenzene	156	9.301	9.301	0.000	97	58483	20.0	19.1	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	253788	20.0	21.4	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	54526	20.0	20.1	
107 2-Chlorotoluene	91	9.630	9.630	0.000	97	184041	20.0	21.5	
108 4-Ethyltoluene	105	9.636	9.642	-0.006	99	236383	20.0	21.9	
109 1,2,3-Trichloropropane	110	9.734	9.740	-0.006	97	16427	20.0	19.7	
110 1,3,5-Trimethylbenzene	105	9.795	9.795	-0.001	93	190936	20.0	22.1	
111 trans-1,4-Dichloro-2-buten	53	9.862	9.862	0.000	88	16126	20.0	20.1	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	169787	20.0	21.7	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	151238	20.0	21.1	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	53736	20.0	15.4	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	96	202582	20.0	22.6	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	99	223567	20.0	21.9	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	96	114710	20.0	20.0	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	98	198385	20.0	22.7	
* 119 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	211067	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.990	-0.001	95	118485	20.0	19.3	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	206517	20.0	21.2	
122 Benzyl chloride	91	11.416	11.416	0.000	97	114795	20.0	17.1	
123 p-Diethylbenzene	119	11.428	11.429	0.000	95	118118	20.0	20.9	
124 n-Butylbenzene	91	11.495	11.502	-0.007	98	181474	20.0	21.7	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	96	115090	20.0	19.8	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	0.000	97	172378	20.0	16.5	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	11419	20.0	17.3	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	98	88466	20.0	19.0	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	94	76844	20.0	17.7	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	96	29165	20.0	16.2	
131 Camphor	95	13.532	13.532	0.000	91	23513	100.0	74.1	
132 Naphthalene	128	13.562	13.562	0.000	99	193975	20.0	19.9	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	95	72625	20.0	17.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 135 Xylenes, Total	100				0		40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	101.6	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00113	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 12-Aug-2015 17:41:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02305.D

Injection Date: 12-Aug-2015 16:09:30 Instrument ID: CVOAMS13 Operator ID:

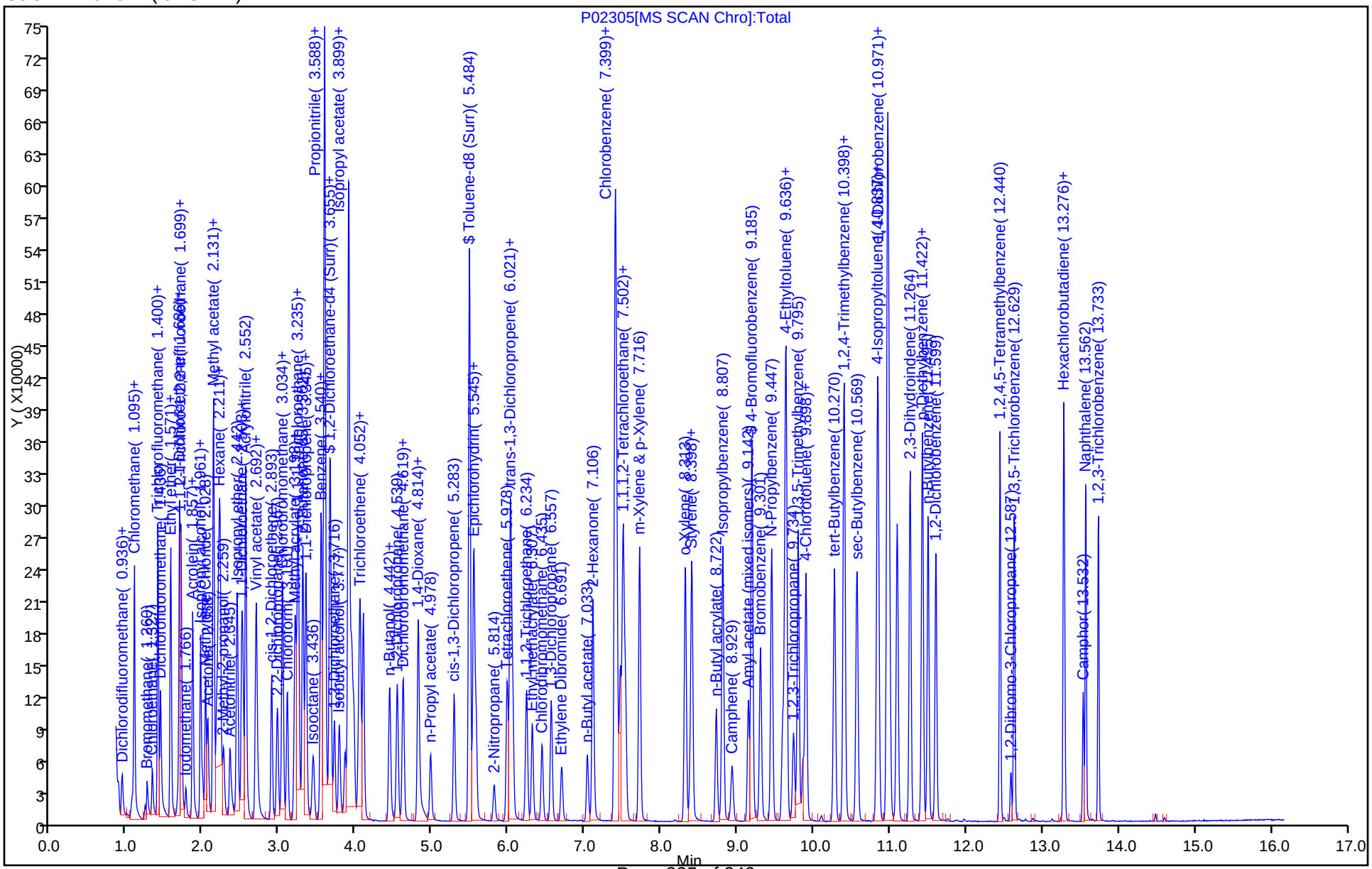
Lims ID: 460-99291-A-1 MS Worklist Smp#: 23

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 22

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 MSD | Lab Sample ID: 460-99291-1 MSD

Matrix: Water | Lab File ID: P02306.D

Analysis Method: 8260C | Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 16:34

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	185		10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	202		10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	151		10	3.4
79-00-5	1,1,2-Trichloroethane	198		10	0.80
75-34-3	1,1-Dichloroethane	187		10	2.4
75-35-4	1,1-Dichloroethene	177		10	3.4
87-61-6	1,2,3-Trichlorobenzene	182		10	3.5
120-82-1	1,2,4-Trichlorobenzene	181		10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	177		10	2.3
95-50-1	1,2-Dichlorobenzene	194		10	2.2
107-06-2	1,2-Dichloroethane	183		10	2.5
78-87-5	1,2-Dichloropropane	183		10	1.8
541-73-1	1,3-Dichlorobenzene	199		10	3.3
106-46-7	1,4-Dichlorobenzene	195		10	3.3
123-91-1	1,4-Dioxane	4710		500	87
78-93-3	2-Butanone (MEK)	920		50	22
591-78-6	2-Hexanone	1020		50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1060		50	6.3
67-64-1	Acetone	670		50	11
71-43-2	Benzene	198		10	0.90
75-25-2	Bromoform	170		10	1.8
74-83-9	Bromomethane	324		10	1.8
75-15-0	Carbon disulfide	170		10	2.2
56-23-5	Carbon tetrachloride	184		10	3.3
108-90-7	Chlorobenzene	200		10	2.4
74-97-5	Chlorobromomethane	186		10	3.0
124-48-1	Chlorodibromomethane	191		10	2.2
75-00-3	Chloroethane	214		10	3.7
67-66-3	Chloroform	186		10	2.2
74-87-3	Chloromethane	172		10	2.2
156-59-2	cis-1,2-Dichloroethene	184		10	2.6
10061-01-5	cis-1,3-Dichloropropene	192		10	1.6
110-82-7	Cyclohexane	154		10	2.6
75-27-4	Dichlorobromomethane	190		10	1.5
75-71-8	Dichlorodifluoromethane	137		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 MSD | Lab Sample ID: 460-99291-1 MSD

Matrix: Water | Lab File ID: P02306.D

Analysis Method: 8260C | Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 16:34

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	209		10	3.0
106-93-4	Ethylene Dibromide	191		10	1.9
98-82-8	Isopropylbenzene	214		10	3.2
79-20-9	Methyl acetate	724		50	5.8
1634-04-4	Methyl tert-butyl ether	186		10	1.3
108-87-2	Methylcyclohexane	134		10	2.2
75-09-2	Methylene Chloride	191		10	2.1
179601-23-1	m-Xylene & p-Xylene	204		10	2.8
95-47-6	o-Xylene	203		10	3.2
100-42-5	Styrene	208		10	1.7
127-18-4	Tetrachloroethene	178		10	1.2
108-88-3	Toluene	198		10	2.5
156-60-5	trans-1,2-Dichloroethene	182		10	1.8
10061-02-6	trans-1,3-Dichloropropene	196		10	1.9
79-01-6	Trichloroethene	180		10	2.2
75-69-4	Trichlorofluoromethane	162		10	1.5
75-01-4	Vinyl chloride	182		10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	92		64-135
1868-53-7	Dibromofluoromethane (Surr)	89		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02306.D
Lims ID: 460-99291-A-1 MSD
Client ID:
Sample Type: MSD
Inject. Date: 12-Aug-2015 16:34:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-99291-A-1 MSD
Misc. Info.: 460-0030650-024
Operator ID: Instrument ID: CVOAMS13

Method: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 13-Aug-2015 11:54:32 Calib Date: 29-Jul-2015 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20150729-30198.b\P01817.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: intarachau Date: 13-Aug-2015 11:57:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.924	0.931	-0.007	91	3960	20.0	17.1	
2 Dichlorodifluoromethane	85	0.936	0.943	-0.007	98	36028	20.0	13.7	
3 Vinyl chloride	62	1.089	1.089	0.000	98	56453	20.0	18.2	
4 Chloromethane	50	1.095	1.101	-0.006	75	73937	20.0	17.2	
5 Butadiene	54	1.095	1.101	-0.006	94	42198	20.0	15.6	
6 Bromomethane	94	1.260	1.266	-0.006	98	20592	20.0	32.4	
7 Chloroethane	64	1.327	1.333	-0.006	100	37726	20.0	21.4	
8 Pentane	72	1.400	1.400	0.000	98	8458	40.0	28.9	
9 Trichlorofluoromethane	101	1.406	1.406	0.000	98	65696	20.0	16.2	
10 Dichlorofluoromethane	67	1.436	1.437	-0.001	98	102474	20.0	20.0	
11 2-Methyl-1,3-butadiene	67	1.564	1.571	-0.007	98	55069	20.0	16.1	
12 Ethyl ether	59	1.577	1.577	0.000	94	44043	20.0	18.1	
13 Ethanol	46	1.662	1.674	-0.012	98	14369	800.0	835.5	
14 1,1-Dichloroethene	96	1.686	1.687	0.000	97	42206	20.0	17.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.686	1.687	0.000	79	52078	20.0	16.4	
16 Carbon disulfide	76	1.705	1.705	0.000	100	155527	20.0	17.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.711	0.000	94	28959	20.0	15.1	
18 Iodomethane	142	1.772	1.772	0.000	98	29106	20.0	12.9	
19 Cyclopentene	67	1.857	1.863	-0.006	97	110100	20.0	16.2	
20 Acrolein	56	1.881	1.888	-0.007	95	3344	40.0	35.6	
21 3-Chloro-1-propene	76	1.961	1.961	0.000	91	28049	20.0	19.9	
22 Isopropyl alcohol	45	1.985	1.997	-0.012	97	40433	200.0	182.4	
23 Methylene Chloride	84	2.028	2.028	0.000	95	53603	20.0	19.1	
24 Acetone	43	2.058	2.064	-0.006	84	86512	100.0	67.0	
25 trans-1,2-Dichloroethene	96	2.125	2.125	0.000	95	50832	20.0	18.2	
26 Methyl acetate	43	2.131	2.138	-0.007	100	285943	100.0	72.4	
27 Hexane	57	2.174	2.174	0.000	95	67361	20.0	13.4	
28 Methyl tert-butyl ether	73	2.192	2.199	-0.007	97	153054	20.0	18.6	
* 29 TBA-d9 (IS)	65	2.217	2.229	-0.012	100	278486	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.265	2.278	-0.013	99	62504	200.0	192.7	
31 Acetonitrile	41	2.351	2.357	-0.006	98	80646	200.0	203.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.442	2.449	-0.007	95	168618	20.0	16.8	
33 2-Chloro-1,3-butadiene	88	2.503	2.503	0.000	91	43176	20.0	19.5	
34 1,1-Dichloroethane	63	2.515	2.522	-0.007	99	95954	20.0	18.7	
35 Acrylonitrile	53	2.552	2.558	-0.006	95	218835	200.0	177.7	
36 Tert-butyl ethyl ether	59	2.692	2.692	0.000	87	150088	20.0	17.0	
38 Allyl alcohol	57	2.692	2.692	0.000	94	75145	500.0	558.8	
37 Vinyl acetate	43	2.692	2.699	-0.006	100	50801	40.0	14.2	
39 cis-1,2-Dichloroethene	96	2.893	2.894	-0.001	97	51516	20.0	18.4	
40 2,2-Dichloropropane	77	2.967	2.973	-0.006	97	60726	20.0	16.7	
41 Cyclohexane	56	3.034	3.034	0.000	92	53648	20.0	15.4	
42 Chlorobromomethane	128	3.034	3.040	-0.006	92	26317	20.0	18.6	
43 Chloroform	83	3.101	3.101	0.000	99	82236	20.0	18.6	
44 Carbon tetrachloride	117	3.192	3.198	-0.006	97	54353	20.0	18.4	
45 Ethyl acetate	43	3.204	3.205	0.000	99	83785	40.0	66.4	
46 Methyl acrylate	55	3.204	3.211	-0.007	65	44805	20.0	16.7	
47 Tetrahydrofuran	42	3.216	3.223	-0.007	93	42810	40.0	42.2	
$ 48 Dibromofluoromethane (Surr	113	3.235	3.241	-0.006	97	97176	50.0	44.3	
49 1,1,1-Trichloroethane	97	3.247	3.253	-0.006	98	68027	20.0	18.5	
* 157 2-Butanone-d5	46	3.302	3.308	-0.006	0	289654	250.0	250.0	
50 2-Butanone (MEK)	72	3.338	3.345	-0.007	100	33095	100.0	92.0	
51 1,1-Dichloropropene	75	3.345	3.345	0.000	96	61769	20.0	17.8	
52 Isooctane	57	3.436	3.436	0.000	98	61656	20.0	11.4	
53 n-Heptane	57	3.527	3.534	-0.007	91	14880	20.0	9.58	
54 Benzene	78	3.546	3.546	0.000	95	200912	20.0	19.8	
55 Propionitrile	54	3.570	3.576	-0.006	74	77606	200.0	187.4	
56 Methacrylonitrile	67	3.588	3.595	-0.007	94	219473	200.0	177.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	3.655	3.662	-0.007	97	122058	50.0	46.1	
58 Tert-amyl methyl ether	73	3.662	3.662	0.000	94	132774	20.0	17.1	
59 1,2-Dichloroethane	62	3.716	3.717	-0.001	98	68491	20.0	18.3	
60 Isobutyl alcohol	43	3.783	3.790	-0.007	98	57235	500.0	460.9	
* 61 Fluorobenzene	96	3.905	3.906	-0.001	99	530377	50.0	50.0	
65 2,4,4-Trimethyl-1-pentene	57	3.942	3.942	0.000	96	143526	40.0	24.5	
62 Isopropyl acetate	43	3.972	3.973	-0.001	98	94480	20.0	17.1	
63 Methylcyclohexane	83	4.040	4.040	0.000	94	48077	20.0	13.4	
64 Trichloroethene	130	4.058	4.058	0.000	97	50755	20.0	18.0	
66 n-Butanol	56	4.430	4.442	-0.012	95	34470	500.0	463.6	
67 Dibromomethane	93	4.442	4.442	0.000	95	29569	20.0	18.4	
68 1,2-Dichloropropane	63	4.539	4.540	-0.001	89	49662	20.0	18.3	
69 Ethyl acrylate	55	4.606	4.613	-0.007	98	58865	20.0	17.6	
70 Dichlorobromomethane	83	4.619	4.625	-0.006	99	62918	20.0	19.0	
71 Methyl methacrylate	100	4.814	4.814	0.000	91	26570	40.0	35.3	
* 72 1,4-Dioxane-d8	96	4.808	4.832	-0.024	40	28094	1000.0	1000.0	
73 1,4-Dioxane	88	4.844	4.851	-0.007	90	14359	400.0	470.8	
74 n-Propyl acetate	43	4.978	4.979	-0.001	99	67277	20.0	16.2	
76 cis-1,3-Dichloropropene	75	5.283	5.283	0.000	94	70993	20.0	19.2	
$ 77 Toluene-d8 (Surr)	98	5.484	5.485	-0.001	99	396386	50.0	49.2	
78 Toluene	91	5.545	5.546	-0.001	93	206758	20.0	19.8	
79 Epichlorohydrin	57	5.570	5.576	-0.006	99	84732	400.0	353.8	
80 2-Nitropropane	41	5.807	5.814	-0.007	99	24037	40.0	36.2	
81 Tetrachloroethene	166	5.978	5.984	-0.006	98	48596	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK	43	6.027	6.027	0.000	98	245566	100.0	106.1	
83 trans-1,3-Dichloropropene	75	6.051	6.052	-0.001	94	65392	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	6.234	6.234	0.000	94	36114	20.0	19.8	
85 Ethyl methacrylate	69	6.307	6.314	-0.007	91	55002	20.0	18.4	
86 Chlorodibromomethane	129	6.435	6.436	-0.001	98	44452	20.0	19.1	
87 1,3-Dichloropropane	76	6.557	6.558	-0.001	95	74608	20.0	20.0	
88 Ethylene Dibromide	107	6.691	6.698	-0.007	99	42925	20.0	19.1	
89 n-Butyl acetate	43	7.033	7.033	0.000	98	51841	20.0	29.1	
90 2-Hexanone	43	7.106	7.106	0.000	98	172641	100.0	102.0	
* 91 Chlorobenzene-d5	117	7.399	7.399	0.000	86	375473	50.0	50.0	
92 Chlorobenzene	112	7.417	7.417	0.000	94	137835	20.0	20.0	
93 Ethylbenzene	106	7.502	7.502	0.000	98	73220	20.0	20.9	
94 1,1,1,2-Tetrachloroethane	131	7.527	7.533	-0.006	94	44140	20.0	19.4	
95 m-Xylene & p-Xylene	106	7.716	7.716	0.000	96	87729	20.0	20.4	
96 o-Xylene	106	8.319	8.319	0.000	94	81737	20.0	20.3	
97 Bromoform	173	8.380	8.386	-0.006	95	29628	20.0	17.0	
98 Styrene	104	8.405	8.399	0.005	96	141637	20.0	20.8	
99 n-Butyl acrylate	73	8.722	8.722	0.000	95	30181	20.0	18.2	
100 Isopropylbenzene	105	8.807	8.807	0.000	96	221955	20.0	21.4	
101 Camphene	41	8.923	8.929	-0.006	96	5388	20.0	7.78	
102 Amyl acetate (mixed isomer	43	9.142	9.142	0.000	90	79441	20.0	18.2	
$ 103 4-Bromofluorobenzene	174	9.191	9.191	0.000	92	130998	50.0	45.8	
104 Bromobenzene	156	9.301	9.301	0.000	97	59580	20.0	18.8	
105 N-Propylbenzene	91	9.447	9.447	0.000	99	257048	20.0	21.0	
106 1,1,2,2-Tetrachloroethane	83	9.593	9.594	-0.001	98	56503	20.0	20.2	
107 2-Chlorotoluene	91	9.624	9.630	-0.006	97	183453	20.0	20.8	
108 4-Ethyltoluene	105	9.636	9.642	-0.006	99	234072	20.0	21.0	
109 1,2,3-Trichloropropane	110	9.740	9.740	0.000	97	17204	20.0	20.0	
110 1,3,5-Trimethylbenzene	105	9.794	9.795	-0.001	94	189548	20.0	21.2	
111 trans-1,4-Dichloro-2-buten	53	9.855	9.862	-0.007	89	16199	20.0	19.5	
112 4-Chlorotoluene	91	9.898	9.898	0.000	98	173600	20.0	21.5	
113 tert-Butylbenzene	119	10.270	10.270	0.000	95	158809	20.0	21.4	
114 Butyl Methacrylate	87	10.392	10.392	0.000	95	57231	20.0	15.9	
115 1,2,4-Trimethylbenzene	105	10.398	10.398	0.000	97	204977	20.0	22.2	
116 sec-Butylbenzene	105	10.563	10.569	-0.006	99	231078	20.0	22.0	
117 1,3-Dichlorobenzene	146	10.831	10.831	0.000	97	117934	20.0	19.9	
118 4-Isopropyltoluene	119	10.843	10.843	0.000	99	205941	20.0	22.8	
* 119 1,4-Dichlorobenzene-d4	152	10.965	10.971	-0.006	95	218039	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.989	10.990	-0.001	95	123444	20.0	19.5	
121 2,3-Dihydroindene	117	11.264	11.264	0.000	94	210575	20.0	20.9	
122 Benzyl chloride	91	11.416	11.416	0.000	97	120074	20.0	17.3	
123 p-Diethylbenzene	119	11.428	11.429	0.000	95	122098	20.0	20.9	
124 n-Butylbenzene	91	11.495	11.502	-0.007	98	185352	20.0	21.5	
125 1,2-Dichlorobenzene	146	11.599	11.599	0.000	96	116543	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	12.440	12.441	0.000	98	177646	20.0	16.4	
127 1,2-Dibromo-3-Chloropropan	157	12.587	12.587	0.000	94	12080	20.0	17.7	
128 1,3,5-Trichlorobenzene	180	12.629	12.629	0.000	98	88511	20.0	18.4	
129 1,2,4-Trichlorobenzene	180	13.276	13.276	0.000	93	81141	20.0	18.1	
130 Hexachlorobutadiene	225	13.288	13.288	0.000	95	30023	20.0	16.2	
131 Camphor	95	13.532	13.532	0.000	92	26197	100.0	79.9	
132 Naphthalene	128	13.562	13.562	0.000	99	203334	20.0	20.2	
133 1,2,3-Trichlorobenzene	180	13.733	13.733	0.000	96	76742	20.0	18.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	36.6	
S 135 Xylenes, Total	100				0		40.0	40.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	101.3	

Reagents:

8260MIX1COMB_00025	Amount Added:	20.00	Units: uL	
ACROLEIN W_00041	Amount Added:	4.00	Units: uL	
GASES Li_00113	Amount Added:	20.00	Units: uL	
8260ISNEW_00006	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00086	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Aug-2015 11:58:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20150812-30650.b\P02306.D

Injection Date: 12-Aug-2015 16:34:30 Instrument ID: CVOAMS13 Operator ID:

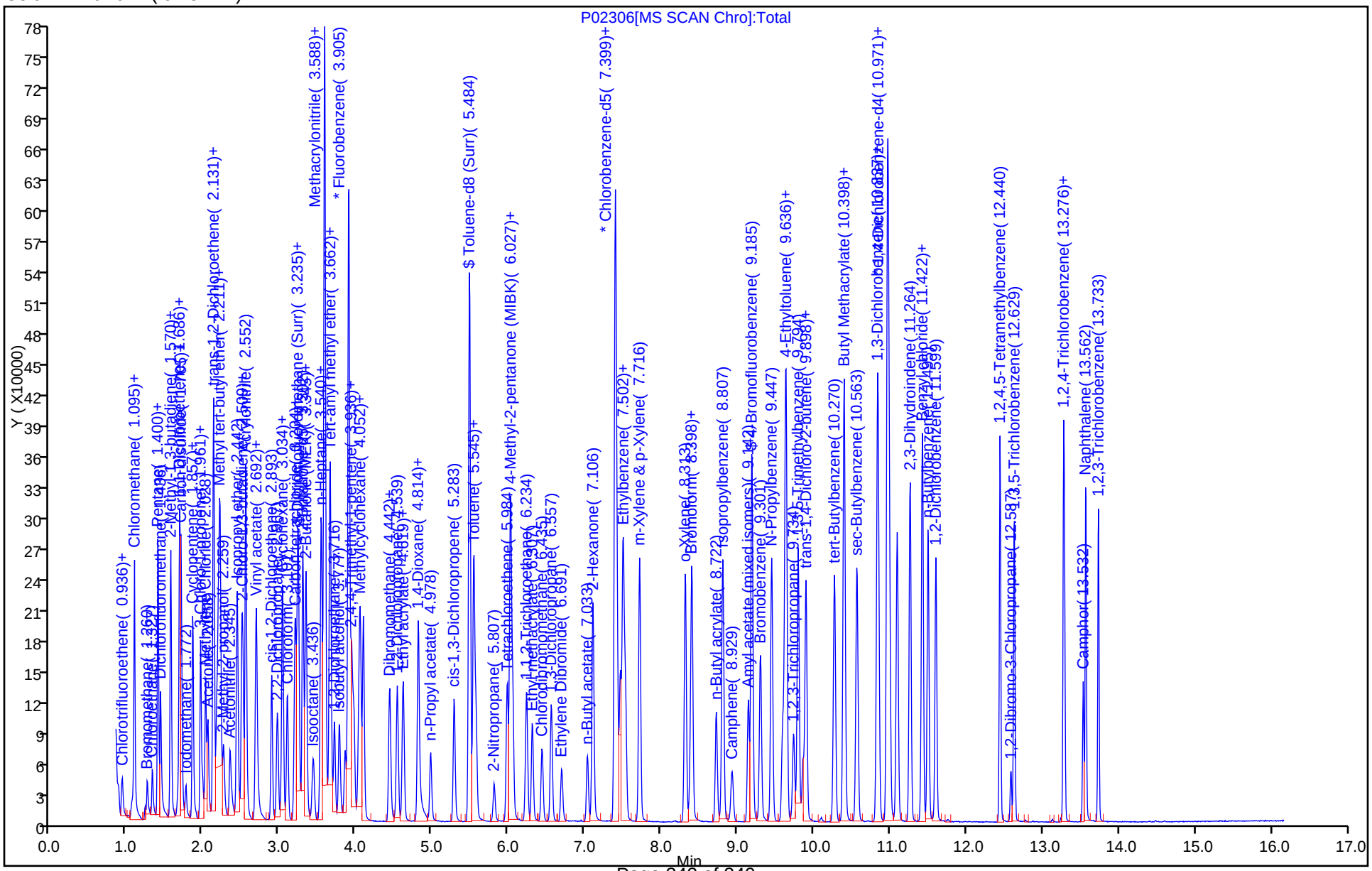
Lims ID: 460-99291-A-1 MSD Worklist Smp#: 24

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 23

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 07/29/2015 13:17

Analysis Batch Number: 313467 End Date: 07/29/2015 23:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-313467/1		07/29/2015 13:17	1	P01801.D	Rtx-624 0.25(mm)
STD05 460-313467/3 IC		07/29/2015 14:10	1	P01803.D	Rtx-624 0.25(mm)
STD5 460-313467/5 IC		07/29/2015 15:00	1	P01805.D	Rtx-624 0.25(mm)
STD20 460-313467/6 ICIS		07/29/2015 15:26	1	P01806.D	Rtx-624 0.25(mm)
STD50 460-313467/7 IC		07/29/2015 15:51	1	P01807.D	Rtx-624 0.25(mm)
STD200 460-313467/8 IC		07/29/2015 16:16	1	P01808.D	Rtx-624 0.25(mm)
STD500 460-313467/9 IC		07/29/2015 16:41	1	P01809.D	Rtx-624 0.25(mm)
STD8 460-313467/12 IC		07/29/2015 17:56	1	P01812.D	Rtx-624 0.25(mm)
STD1 460-313467/17 IC		07/29/2015 20:18	1	P01817.D	Rtx-624 0.25(mm)
ICV 460-313467/19		07/29/2015 23:29	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 08/12/2015 05:40

Analysis Batch Number: 316056 End Date: 08/12/2015 16:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-316056/1		08/12/2015 05:40	1	P02283.D	Rtx-624 0.25(mm)
CCVIS 460-316056/3		08/12/2015 07:29	1	P02285.D	Rtx-624 0.25(mm)
LCS 460-316056/4		08/12/2015 08:10	1	P02286.D	Rtx-624 0.25(mm)
MB 460-316056/6		08/12/2015 09:02	1	P02288.D	Rtx-624 0.25(mm)
460-99291-6	FB-10	08/12/2015 09:27	1	P02289.D	Rtx-624 0.25(mm)
460-99291-11	FB-11	08/12/2015 09:52	1	P02290.D	Rtx-624 0.25(mm)
460-99291-16	FB-12	08/12/2015 10:17	1	P02291.D	Rtx-624 0.25(mm)
460-99291-1	MW-48	08/12/2015 10:42	1	P02292.D	Rtx-624 0.25(mm)
460-99291-2	MW-47	08/12/2015 11:08	1	P02293.D	Rtx-624 0.25(mm)
460-99291-3	MW-49	08/12/2015 11:33	1	P02294.D	Rtx-624 0.25(mm)
460-99291-4	MW-23	08/12/2015 11:58	1	P02295.D	Rtx-624 0.25(mm)
460-99291-5	MW-35	08/12/2015 12:23	1	P02296.D	Rtx-624 0.25(mm)
460-99291-8	MW-41	08/12/2015 12:48	1	P02297.D	Rtx-624 0.25(mm)
460-99291-12	MW-15	08/12/2015 13:13	1	P02298.D	Rtx-624 0.25(mm)
460-99291-13	MW-05	08/12/2015 13:38	1	P02299.D	Rtx-624 0.25(mm)
460-99291-14	MW-04	08/12/2015 14:03	1	P02300.D	Rtx-624 0.25(mm)
460-99291-15	MW-29	08/12/2015 14:28	1	P02301.D	Rtx-624 0.25(mm)
460-99291-9	MW-12	08/12/2015 14:54	1	P02302.D	Rtx-624 0.25(mm)
460-99291-7	MW-11	08/12/2015 15:19	1	P02303.D	Rtx-624 0.25(mm)
460-99291-10	MW-13	08/12/2015 15:44	10	P02304.D	Rtx-624 0.25(mm)
460-99291-1 MS	MW-48 MS	08/12/2015 16:09	10	P02305.D	Rtx-624 0.25(mm)
460-99291-1 MSD	MW-48 MSD	08/12/2015 16:34	10	P02306.D	Rtx-624 0.25(mm)

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

77 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY

460-99291 Chain of Custody

Name (for report and invoice) Jeff Bottem	Samplers Name (Printed) V. CARDOZA, C. BAKOWICZ	Site/Project Identification 75th Ave and 90th St.
Company ENVIROTRAC LTD.	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program:
Address 5 Old Dock Rd	Analysis Turnaround Time: Standard ☑	
City Yaphank State N.Y.	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 631-924-3001 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 99291

Sample Identification	Date	Time	Matrix	No. of Cont.	8260 - TCL VOCs + TIC										Sample Numbers
MW-48	7-31-15	9:05	GW	3	X										-1
MW-47	7-31-15	10:10	GW	3	X										-2
MW-49	7-31-15	11:15	GW	3	X										-3
MW-23	7-31-15	12:50	GW	3	X										-4
MW-35	7-31-15	14:05	GW	3	X										-5
FB-10	7-31-15	14:45	GW	2	X										-6
MW-11	8-3-15	10:05	GW	3	X										-7
MW-41	8-3-15	11:55	GW	3	X										-8
MW-12	8-3-15	13:05	GW	3	X										-9
MW-13	8-3-15	14:15	GW	3	X										-10

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: Ice only
Water: Ice only (HCl)

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Envirotrac LTD.	8-4-15 20:30	1) D Amoscato	ETNY
Relinquished by 2) D Amoscato	Company ETNY	Date / Time 8/5/15 11:28	Received by 2)	Company TA
Relinquished by 3)	Company T. A	Date / Time 8/5/15 15:10	Received by 3) 1550 TA	Company 8/5
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0814)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 2 of 2

Name (for report and invoice): Jeff Bohlen
Company: EnviroTrac LTD.
Address: 5 Old Dock Rd.
City: Yaphank State: N.Y.
Phone: 631-924-3001 Fax:

Samplers Name (Printed): V. Cardoza, C. Bakowitz
P. O. #
Site/Project Identification: 1st Ave and 90th St.
State (Location of site): NJ: ☐ NY: ☒ Other:
Regulatory Program:

Analysis Turnaround Time: Standard ☒
Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐

LAB USE ONLY
Project No:
Job No: 99291

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260-TCL VOC'S +10	Sample Numbers
FB-11	8-4-15	15:15	GW	2	X	-11
MW-15	8-4-15	10:50	GW	3	X	-12
MW-05	8-4-15	12:10	GW	3	X	-13
MW-04	8-4-15	13:40	GW	3	X	-14
MW-29	8-4-15	14:50	GW	3	X	-15
FB-12	8-4-15	17:20	GW	2	X	-16

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other ______, 7 = Other ______
Soil:
Water: 40 ml VOA (HCl)

Special Instructions:
Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	EnviroTrac LTD	8-4-15 20:30	1) [signature]	ETNY
2) [signature]	ETNY	8/5/15 11:28	2) [signature]	TA
3) [signature]	T. A	8/5/15 15:50	3) [signature] TA 1530	TA. 8/5/15
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0814)

Job Number: 99291

TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun #: 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	2.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 8/5/15

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-99291-1

Login Number: 99291
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

APPENDIX F

Data Usability Summary Report

EnviroTrac
Environmental Services

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1ST AVENUE AND 90TH STREET, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: 460-98395
Laboratory: Test America, Edison, New Jersey
Site: 1st Avenue and 90th Street, New York
Date: September 21, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-16	460-98395-1	Water
2	MW-33	460-98395-2	Water
2MS	MW-33MS	460-98395-2MS	Water
2MSD	MW-33MSD	460-98395-2MSD	Water
3	FB-1	460-98395-3FB	Water
4	MW-10	460-98395-4	Water
5	MW-9	460-98395-5	Water
6	MW-45	460-98395-6	Water
7	MW-27	460-98395-7	Water
8	FB-2	460-98395-8FB	Water
9	TB-1	460-98395-9TB	Water

A Data Usability Summary Review was performed on the analytical data for six water samples, two aqueous field blank samples, and one aqueous trip blank sample collected on July 20-21, 2015 by EnviroTrac at the 1st Avenue and 90th Street site in Bronx, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"* and the *Standard Methods for the Examination of Water and Wastewater.*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by SW-846 Method 8260B & 8260C;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision
- Tentatively Identified Compounds

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Tetrachloroethene was qualified as estimated in one sample due to a high MS recovery.
- Several VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
2	Tetrachloroethene	142%/OK/OK	J
	Trichloroethene	124%/121%/OK	None - Sample ND

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
460-312464/4	Acetone	165%	None	All Associated ND
	Methyl acetate	145%	None	
460-313105/4	Chloromethane	146%	None	All Associated ND
	Methyl acetate	143%	None	

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FB-1	1,4-Dichlorobenzene	0.88	None	All Associated ND
FB-2	None - ND	-	-	-
TRIP BLANK	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 30 percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/24/15	Dichlorodifluoromethane	42.1%	J/UJ	1-3, 5-9
	Chloromethane	42.9%	J/UJ	
	Acetone	54.9%	J/UJ	
	Methyl acetate	33.9%	J/UJ	
07/28/15	Chloromethane	52.1%	J/UJ	4
	Bromomethane	52.8%	J/UJ	
	Methyl acetate	37.8%	J/UJ	

Compound Quantitation

- EDS Sample ID #4 was analyzed at a 20X dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Tentatively Identified Compounds (TICs)

- All TICs were qualified estimated (J) for known compounds and (NJ) for tentatively identified compounds.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/24/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: MW-16 Lab Sample ID: 460-98395-1
Matrix: Water Lab File ID: P01672.D
Analysis Method: 8260C Date Collected: 07/20/2015 12:00
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 14:40
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.22	J	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-16 | Lab Sample ID: 460-98395-1

Matrix: Water | Lab File ID: P01672.D

Analysis Method: 8260C | Date Collected: 07/20/2015 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 14:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	~~U~~ J	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.27	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.30	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene	111		64-135
1868-53-7	Dibromofluoromethane (Surr)	110		72-137
2037-26-5	Toluene-d8 (Surr)	86		70-130

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1
SDG No.:
Client Sample ID: MW-33 | Lab Sample ID: 460-98395-2
Matrix: Water | Lab File ID: P01673.D
Analysis Method: 8260C | Date Collected: 07/20/2015 14:25
Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:06
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: MW-33 Lab Sample ID: 460-98395-2
Matrix: Water Lab File ID: P01673.D
Analysis Method: 8260C Date Collected: 07/20/2015 14:25
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:06
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U UJ	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.20	J J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: FB-1 Lab Sample ID: 460-98395-3
Matrix: Water Lab File ID: P01664.D
Analysis Method: 8260C Date Collected: 07/20/2015 15:30
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 11:18
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.88	J	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: FB-1 Lab Sample ID: 460-98395-3

Matrix: Water Lab File ID: P01664.D

Analysis Method: 8260C Date Collected: 07/20/2015 15:30

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 11:18

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	~~U~~ UJ	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-10 Lab Sample ID: 460-98395-4

Matrix: Water Lab File ID: P01756.D

Analysis Method: 8260C Date Collected: 07/21/2015 09:52

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2015 15:04

Soil Aliquot Vol: Dilution Factor: 20

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313105 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20	U	20	5.6
79-34-5	1,1,2,2-Tetrachloroethane	20	U	20	3.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	6.8
79-00-5	1,1,2-Trichloroethane	20	U	20	1.6
75-34-3	1,1-Dichloroethane	20	U	20	4.8
75-35-4	1,1-Dichloroethene	20	U	20	6.8
87-61-6	1,2,3-Trichlorobenzene	20	U	20	7.0
120-82-1	1,2,4-Trichlorobenzene	20	U	20	5.4
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	20	4.6
95-50-1	1,2-Dichlorobenzene	20	U	20	4.4
107-06-2	1,2-Dichloroethane	20	U	20	5.0
78-87-5	1,2-Dichloropropane	20	U	20	3.6
541-73-1	1,3-Dichlorobenzene	20	U	20	6.6
106-46-7	1,4-Dichlorobenzene	20	U	20	6.6
123-91-1	1,4-Dioxane	1000	U	1000	170
78-93-3	2-Butanone (MEK)	100	U	100	44
591-78-6	2-Hexanone	100	U	100	14
108-10-1	4-Methyl-2-pentanone (MIBK)	100	U	100	13
67-64-1	Acetone	100	U	100	21
71-43-2	Benzene	20	U	20	1.8
75-25-2	Bromoform	20	U	20	3.6
74-83-9	Bromomethane	20	~~U~~ UJ	20	3.6
75-15-0	Carbon disulfide	20	U	20	4.4
56-23-5	Carbon tetrachloride	20	U	20	6.6
108-90-7	Chlorobenzene	20	U	20	4.8
74-97-5	Chlorobromomethane	20	U	20	6.0
124-48-1	Chlorodibromomethane	20	U	20	4.4
75-00-3	Chloroethane	20	U	20	7.4
67-66-3	Chloroform	20	U	20	4.4
74-87-3	Chloromethane	20	~~U~~ UJ	20	4.4
156-59-2	cis-1,2-Dichloroethene	210		20	5.2
10061-01-5	cis-1,3-Dichloropropene	20	U	20	3.2
110-82-7	Cyclohexane	20	U	20	5.2
75-27-4	Dichlorobromomethane	20	U	20	3.0
75-71-8	Dichlorodifluoromethane	20	U	20	2.8

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-10 Lab Sample ID: 460-98395-4

Matrix: Water Lab File ID: P01756.D

Analysis Method: 8260C Date Collected: 07/21/2015 09:52

Sample wt/vol: 5(mL) Date Analyzed: 07/28/2015 15:04

Soil Aliquot Vol: Dilution Factor: 20

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313105 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20	U	20	6.0
106-93-4	Ethylene Dibromide	20	U	20	3.8
98-82-8	Isopropylbenzene	20	U	20	6.4
79-20-9	Methyl acetate	100	~~J~~ UJ	100	12
1634-04-4	Methyl tert-butyl ether	28		20	2.6
108-87-2	Methylcyclohexane	20	U	20	4.4
75-09-2	Methylene Chloride	20	U	20	4.2
179601-23-1	m-Xylene & p-Xylene	20	U	20	5.6
95-47-6	o-Xylene	20	U	20	6.4
100-42-5	Styrene	20	U	20	3.4
127-18-4	Tetrachloroethene	5800		20	2.4
108-88-3	Toluene	20	U	20	5.0
156-60-5	trans-1,2-Dichloroethene	20	U	20	3.6
10061-02-6	trans-1,3-Dichloropropene	20	U	20	3.8
79-01-6	Trichloroethene	560		20	4.4
75-69-4	Trichlorofluoromethane	20	U	20	3.0
75-01-4	Vinyl chloride	3.9	J	20	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
460-00-4	4-Bromofluorobenzene	116		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	80		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-9 Lab Sample ID: 460-98395-5

Matrix: Water Lab File ID: P01674.D

Analysis Method: 8260C Date Collected: 07/21/2015 11:07

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	0.64	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	14		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	2.3		1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-9 Lab Sample ID: 460-98395-5

Matrix: Water Lab File ID: P01674.D

Analysis Method: 8260C Date Collected: 07/21/2015 11:07

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.54	J	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	0.64	J	1.0	0.32
79-20-9	Methyl acetate	5.0	U J	5.0	0.58
1634-04-4	Methyl tert-butyl ether	3.2		1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.41	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.26	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.3		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.84	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	9.5		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

MW 9/21/15

5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-9 Lab Sample ID: 460-98395-5

Matrix: Water Lab File ID: P01674.D

Analysis Method: 8260C Date Collected: 07/21/2015 11:07

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

Number TICs Found: 2 TIC Result Total: 12.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	
78-78-4	Butane, 2-methyl-	1.28	7.6	~~J~~ N	NJ
79-29-8	Butane, 2,3-dimethyl-	1.88	5.1	~~J~~ N	NJ

FORM I-TIC 8260C

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-45 Lab Sample ID: 460-98395-6

Matrix: Water Lab File ID: P01675.D

Analysis Method: 8260C Date Collected: 07/21/2015 12:25

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 15:56

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	0.28	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	3.8		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-45 | Lab Sample ID: 460-98395-6

Matrix: Water | Lab File ID: P01675.D

Analysis Method: 8260C | Date Collected: 07/21/2015 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 15:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	~~J~~ UJ	5.0	0.58
1634-04-4	Methyl tert-butyl ether	0.65	J	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.2		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.50	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	78		70-130

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: MW-27 Lab Sample ID: 460-98395-7
Matrix: Water Lab File ID: P01676.D
Analysis Method: 8260C Date Collected: 07/21/2015 13:42
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 16:21
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98395-1

SDG No.:

Client Sample ID: MW-27 | Lab Sample ID: 460-98395-7

Matrix: Water | Lab File ID: P01676.D

Analysis Method: 8260C | Date Collected: 07/21/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2015 16:21

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 312464 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	~~U~~ UJ	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	106		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	79		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: FB-2 Lab Sample ID: 460-98395-8
Matrix: Water Lab File ID: P01665.D
Analysis Method: 8260C Date Collected: 07/21/2015 14:07
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 11:44
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: FB-2 Lab Sample ID: 460-98395-8
Matrix: Water Lab File ID: P01665.D
Analysis Method: 8260C Date Collected: 07/21/2015 14:07
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 11:44
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U F1 UJ	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	108		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: TB-1 Lab Sample ID: 460-98395-9
Matrix: Water Lab File ID: P01666.D
Analysis Method: 8260C Date Collected: 07/21/2015 00:00
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 12:09
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	~~U~~ UJ	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	~~U~~ UJ	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98395-1
SDG No.:
Client Sample ID: TB-1 Lab Sample ID: 460-98395-9
Matrix: Water Lab File ID: P01666.D
Analysis Method: 8260C Date Collected: 07/21/2015 00:00
Sample wt/vol: 5(mL) Date Analyzed: 07/24/2015 12:09
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 312464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U UJ	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	109		64-135
1868-53-7	Dibromofluoromethane (Surr)	105		72-137
2037-26-5	Toluene-d8 (Surr)	81		70-130

NW 9/21/15

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1ST AVENUE AND 90TH STREET, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: 460-98572
Laboratory: Test America, Edison, New Jersey
Site: 1st Avenue and 90th Street, New York
Date: September 21, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-38	460-98572-1	Water
2	MW-40	460-98572-2	Water
3	MW-17	460-98572-3	Water
4	MW-46	460-98572-4	Water
5	FB-3	460-98572-5FB	Water
6	MW-32	460-98572-6	Water
7	MW-31	460-98572-7	Water
8	MW-37	460-98572-8	Water
9	FB-4	460-98572-9FB	Water
10*	TRIP BLANK	460-98572-10TB	Water

*Note: EDS Sample ID #10 was not listed on the chain-of-custody

A Data Usability Summary Review was performed on the analytical data for seven water samples, two aqueous field blank samples, and one aqueous equipment blank sample collected on July 22-23, 2015 by EnviroTrac at the 1st Avenue and 90th Street site in Bronx, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"* and the *Standard Methods for the Examination of Water and Wastewater.*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by SW-846 Method 8260B & 8260C;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision
- Tentatively Identified Compounds

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Several VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FB-3	Methylene chloride	3.9	None	All Associated ND
	m-Xylene & p-Xylene	0.56	None	
FB-4	None - ND	-	-	-
TRIP BLANK	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 30 percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low

RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/30/15 (0837)	Acetone	33.6%	J/UJ	1-3, 6-10
	Bromoform	30.1%	J/UJ	
07/30/15 (2113)	Acetone	32.0%	J/UJ	4, 5

Compound Quantitation

- EDS Sample ID #4 was analyzed at a 5X dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/24/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-38 | Lab Sample ID: 460-98572-1

Matrix: Water | Lab File ID: J29481.D

Analysis Method: 8260C | Date Collected: 07/22/2015 09:38

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:01

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.26	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1
SDG No.:
Client Sample ID: MW-38 | Lab Sample ID: 460-98572-1
Matrix: Water | Lab File ID: J29481.D
Analysis Method: 8260C | Date Collected: 07/22/2015 09:38
Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:01
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	2.7		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-40 Lab Sample ID: 460-98572-2

Matrix: Water Lab File ID: J29482.D

Analysis Method: 8260C Date Collected: 07/22/2015 11:04

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.89	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1
SDG No.:
Client Sample ID: MW-40 Lab Sample ID: 460-98572-2
Matrix: Water Lab File ID: J29482.D
Analysis Method: 8260C Date Collected: 07/22/2015 11:04
Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 18:27
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.7		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.43	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1
SDG No.:
Client Sample ID: MW-17 Lab Sample ID: 460-98572-3
Matrix: Water Lab File ID: J29483.D
Analysis Method: 8260C Date Collected: 07/22/2015 12:23
Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 18:53
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1
SDG No.:
Client Sample ID: MW-17 | Lab Sample ID: 460-98572-3
Matrix: Water | Lab File ID: J29483.D
Analysis Method: 8260C | Date Collected: 07/22/2015 12:23
Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 18:53
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	0.41	J	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-46 Lab Sample ID: 460-98572-4

Matrix: Water Lab File ID: J29503.D

Analysis Method: 8260C Date Collected: 07/22/2015 13:42

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 03:54

Soil Aliquot Vol: Dilution Factor: 5

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313792 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.4
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.95
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.7
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.40
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.2
75-35-4	1,1-Dichloroethene	5.0	U	5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.4
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.2
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
107-06-2	1,2-Dichloroethane	5.0	U	5.0	1.3
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.90
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	3.8	J	5.0	1.7
123-91-1	1,4-Dioxane	250	U	250	44
78-93-3	2-Butanone (MEK)	25	U	25	11
591-78-6	2-Hexanone	25	U	25	3.6
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U	25	3.2
67-64-1	Acetone	25	~~U~~ UJ	25	5.4
71-43-2	Benzene	5.0	U	5.0	0.45
75-25-2	Bromoform	5.0	U	5.0	0.90
74-83-9	Bromomethane	5.0	U	5.0	0.90
75-15-0	Carbon disulfide	5.0	U	5.0	1.1
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.7
108-90-7	Chlorobenzene	5.0	U	5.0	1.2
74-97-5	Chlorobromomethane	5.0	U	5.0	1.5
124-48-1	Chlorodibromomethane	5.0	U	5.0	1.1
75-00-3	Chloroethane	5.0	U	5.0	1.9
67-66-3	Chloroform	5.0	U	5.0	1.1
74-87-3	Chloromethane	5.0	U	5.0	1.1
156-59-2	cis-1,2-Dichloroethene	520		5.0	1.3
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.80
110-82-7	Cyclohexane	5.0	U	5.0	1.3
75-27-4	Dichlorobromomethane	5.0	U	5.0	0.75
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.70

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-46 | Lab Sample ID: 460-98572-4

Matrix: Water | Lab File ID: J29503.D

Analysis Method: 8260C | Date Collected: 07/22/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 03:54

Soil Aliquot Vol: | Dilution Factor: 5

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

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

Analysis Batch No.: 313792 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	5.0	U	5.0	1.5
106-93-4	Ethylene Dibromide	5.0	U	5.0	0.95
98-82-8	Isopropylbenzene	5.0	U	5.0	1.6
79-20-9	Methyl acetate	25	U	25	2.9
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.65
108-87-2	Methylcyclohexane	5.0	U	5.0	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	1.1
179601-23-1	m-Xylene & p-Xylene	5.0	U	5.0	1.4
95-47-6	o-Xylene	5.0	U	5.0	1.6
100-42-5	Styrene	5.0	U	5.0	0.85
127-18-4	Tetrachloroethene	2300		5.0	0.60
108-88-3	Toluene	5.0	U	5.0	1.3
156-60-5	trans-1,2-Dichloroethene	6.3		5.0	0.90
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.95
79-01-6	Trichloroethene	360		5.0	1.1
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.75
75-01-4	Vinyl chloride	0.52	J	5.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	101		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-3 Lab Sample ID: 460-98572-5

Matrix: Water Lab File ID: J29494.D

Analysis Method: 8260C Date Collected: 07/22/2015 14:15

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 00:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313792 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1
SDG No.:
Client Sample ID: FB-3 Lab Sample ID: 460-98572-5
Matrix: Water Lab File ID: J29494.D
Analysis Method: 8260C Date Collected: 07/22/2015 14:15
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 00:00
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313792 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	3.9		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.56	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-32 Lab Sample ID: 460-98572-6

Matrix: Water Lab File ID: J29484.D

Analysis Method: 8260C Date Collected: 07/23/2015 09:35

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 19:19

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	0.70	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-32 Lab Sample ID: 460-98572-6

Matrix: Water Lab File ID: J29484.D

Analysis Method: 8260C Date Collected: 07/23/2015 09:35

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 19:19

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-31 Lab Sample ID: 460-98572-7

Matrix: Water Lab File ID: J29485.D

Analysis Method: 8260C Date Collected: 07/23/2015 13:42

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 19:45

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	7.1		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-31 | Lab Sample ID: 460-98572-7

Matrix: Water | Lab File ID: J29485.D

Analysis Method: 8260C | Date Collected: 07/23/2015 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 19:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.89	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	0.54	J	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	2.1		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.2		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1
SDG No.:
Client Sample ID: MW-37 Lab Sample ID: 460-98572-8
Matrix: Water Lab File ID: J29486.D
Analysis Method: 8260C Date Collected: 07/23/2015 14:50
Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 20:11
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.30	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: MW-37 Lab Sample ID: 460-98572-8

Matrix: Water Lab File ID: J29486.D

Analysis Method: 8260C Date Collected: 07/23/2015 14:50

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 20:11

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1
SDG No.:
Client Sample ID: FB-4 Lab Sample ID: 460-98572-9
Matrix: Water Lab File ID: J29479.D
Analysis Method: 8260C Date Collected: 07/23/2015 15:05
Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 17:09
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98572-1

SDG No.:

Client Sample ID: FB-4 Lab Sample ID: 460-98572-9

Matrix: Water Lab File ID: J29479.D

Analysis Method: 8260C Date Collected: 07/23/2015 15:05

Sample wt/vol: 5(mL) Date Analyzed: 07/30/2015 17:09

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313622 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1
SDG No.:
Client Sample ID: Trip Blank | Lab Sample ID: 460-98572-10
Matrix: Water | Lab File ID: J29480.D
Analysis Method: 8260C | Date Collected: 07/23/2015 00:00
Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 17:35
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/21/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98572-1
SDG No.:
Client Sample ID: Trip Blank | Lab Sample ID: 460-98572-10
Matrix: Water | Lab File ID: J29480.D
Analysis Method: 8260C | Date Collected: 07/23/2015 00:00
Sample wt/vol: 5(mL) | Date Analyzed: 07/30/2015 17:35
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 313622 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	91		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

9/21/15

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1ST AVENUE AND 90TH STREET, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: 460-98740
Laboratory: Test America, Edison, New Jersey
Site: 1st Avenue and 90th Street, New York
Date: September 22, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-19	460-98740-1	Water
2	MW-08	460-98740-2	Water
3	MW-08D	460-98740-3	Water
4	MW-07	460-98740-4	Water
5	MW-44	460-98740-5	Water
6	FB-5	460-98740-6FB	Water
7	MW-20	460-98740-7	Water
8	MW-26	460-98740-8	Water
9	MW-34	460-98740-9	Water
10	MW-56	460-98740-10	Water
11	FB-6	460-98740-11FB	Water
12	MW-54	460-98740-12	Water
13	MW-55	460-98740-13	Water
14	MW-51	460-98740-14	Water
15	MW-50	460-98740-15	Water
16	FB-7	460-98740-16FB	Water
17	TRIP BLANK	460-98740-17TB	Water

A Data Usability Summary Review was performed on the analytical data for thirteen water samples, three aqueous field blank samples, and one aqueous trip blank sample collected on July 24-28, 2015 by EnviroTrac at the 1st Avenue and 90th Street site in Bronx, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"* and the *Standard Methods for the Examination of Water and Wastewater.*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by SW-846 Method 8260B & 8260C;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision
- Tentatively Identified Compounds

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- m,p-Xylene was qualified as nondetected in one sample due to field blank contamination.
- Bromomethane and acetone were qualified as estimated in several samples due to high continuing calibration %D values.
- cis-1,2-Dichloroethene was qualified as estimated in two samples due to poor field duplicate precision.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FB-5	Acetone	5.4	None	All Associated ND
	Methylene chloride	4.5	None	
	m-Xylene & p-Xylene	0.44	None	
	Toluene	0.42	None	
FB-6	Acetone	5.8	None	All Associated ND
	Methylene chloride	4.2	None	
	m-Xylene & p-Xylene	0.38	None	
	Toluene	0.31	None	

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FB-7	Benzene	0.12	None	All Associated ND
	Methylene chloride	4.0	None	
	m-Xylene & p-Xylene	0.44	U	15
	Toluene	0.36	None	All Associated ND
TRIP BLANK	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 30 percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/31/15 (0759)	Bromomethane	31.3%	J/UJ	1, 2, 6, 7, 9-17
	Acetone	38.7%	J/UJ	
07/31/15 (2016)	Acetone	33.8%	J/UJ	3-5, 8

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >50% for water samples, results are considered estimated and qualified (J). A high %RPD may indicate a potential bias due to poor laboratory instrument precision.

VOCs				
Compound	MW-08 ug/L	MW-08D ug/L	RPD	Qualifier
Benzene	0.21	0.20	5%	None
Chloroform	1.2	0.48	86%	None - <5X RL
cis-1,2-Dichloroethene	23	13	56%	J
Tetrachloroethene	370	390	5%	None
trans-1,2-Dichloroethene	0.18	1.0U	NC	None
Trichloroethene	58	35	49%	None

Tentatively Identified Compounds (TICs)

- All TICs were qualified estimated (J) for known compounds and (NJ) for tentatively identified compounds.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/28/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-19 | Lab Sample ID: 460-98740-1
Matrix: Water | Lab File ID: P01888.D
Analysis Method: 8260C | Date Collected: 07/24/2015 09:18
Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 11:45
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.84	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.3		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-19 | Lab Sample ID: 460-98740-1

Matrix: Water | Lab File ID: P01888.D

Analysis Method: 8260C | Date Collected: 07/24/2015 09:18

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 11:45

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.12	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	101		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-08 Lab Sample ID: 460-98740-2
Matrix: Water Lab File ID: P01889.D
Analysis Method: 8260C Date Collected: 07/24/2015 10:44
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 12:10
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	0.21	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.2		1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	23	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-08 | Lab Sample ID: 460-98740-2
Matrix: Water | Lab File ID: P01889.D
Analysis Method: 8260C | Date Collected: 07/24/2015 10:44
Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 12:10
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 313902 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	370		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	0.18	J	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	58		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-08D Lab Sample ID: 460-98740-3
Matrix: Water Lab File ID: P01917.D
Analysis Method: 8260C Date Collected: 07/24/2015 11:48
Sample wt/vol: 5(mL) Date Analyzed: 08/01/2015 00:13
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	0.20	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.48	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	13	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-08D Lab Sample ID: 460-98740-3

Matrix: Water Lab File ID: P01917.D

Analysis Method: 8260C Date Collected: 07/24/2015 11:48

Sample wt/vol: 5(mL) Date Analyzed: 08/01/2015 00:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	390		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	35		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	102		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-07 Lab Sample ID: 460-98740-4
Matrix: Water Lab File ID: P01916.D
Analysis Method: 8260C Date Collected: 07/24/2015 13:05
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 23:48
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MV 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-07 Lab Sample ID: 460-98740-4
Matrix: Water Lab File ID: P01916.D
Analysis Method: 8260C Date Collected: 07/24/2015 13:05
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 23:48
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.69	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	102		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

NR 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-44 Lab Sample ID: 460-98740-5
Matrix: Water Lab File ID: P01915.D
Analysis Method: 8260C Date Collected: 07/24/2015 14:06
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 23:23
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-44 Lab Sample ID: 460-98740-5
Matrix: Water Lab File ID: P01915.D
Analysis Method: 8260C Date Collected: 07/24/2015 14:06
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 23:23
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.57	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: FB-5 Lab Sample ID: 460-98740-6
Matrix: Water Lab File ID: P01884.D
Analysis Method: 8260C Date Collected: 07/24/2015 14:25
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:05
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.4	J	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: FB-5 Lab Sample ID: 460-98740-6
Matrix: Water Lab File ID: P01884.D
Analysis Method: 8260C Date Collected: 07/24/2015 14:25
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:05
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	4.5		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.44	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.42	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	106		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-20 Lab Sample ID: 460-98740-7
Matrix: Water Lab File ID: P01898.D
Analysis Method: 8260C Date Collected: 07/27/2015 09:05
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:56
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.91	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-20 Lab Sample ID: 460-98740-7
Matrix: Water Lab File ID: P01898.D
Analysis Method: 8260C Date Collected: 07/27/2015 09:05
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:56
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.20	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	102		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-26 Lab Sample ID: 460-98740-8
Matrix: Water Lab File ID: P01914.D
Analysis Method: 8260C Date Collected: 07/27/2015 10:43
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 22:58
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

mr 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-26 Lab Sample ID: 460-98740-8

Matrix: Water Lab File ID: P01914.D

Analysis Method: 8260C Date Collected: 07/27/2015 10:43

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 22:58

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313995 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.16	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-34 Lab Sample ID: 460-98740-9
Matrix: Water Lab File ID: P01893.D
Analysis Method: 8260C Date Collected: 07/27/2015 12:34
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 13:51
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.55	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-34 Lab Sample ID: 460-98740-9
Matrix: Water Lab File ID: P01893.D
Analysis Method: 8260C Date Collected: 07/27/2015 12:34
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 13:51
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.31	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-56 Lab Sample ID: 460-98740-10
Matrix: Water Lab File ID: P01894.D
Analysis Method: 8260C Date Collected: 07/27/2015 14:05
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 14:16
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MS 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-56 Lab Sample ID: 460-98740-10

Matrix: Water Lab File ID: P01894.D

Analysis Method: 8260C Date Collected: 07/27/2015 14:05

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 14:16

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.27	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	100		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: FB-6 Lab Sample ID: 460-98740-11
Matrix: Water Lab File ID: P01885.D
Analysis Method: 8260C Date Collected: 07/27/2015 14:36
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:30
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.8	J	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: FB-6 Lab Sample ID: 460-98740-11
Matrix: Water Lab File ID: P01885.D
Analysis Method: 8260C Date Collected: 07/27/2015 14:36
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:30
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	4.2		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.38	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.31	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	104		64-135
1868-53-7	Dibromofluoromethane (Surr)	102		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-54 Lab Sample ID: 460-98740-12
Matrix: Water Lab File ID: P01895.D
Analysis Method: 8260C Date Collected: 07/28/2015 09:26
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 14:41
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.48	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-54 Lab Sample ID: 460-98740-12
Matrix: Water Lab File ID: P01895.D
Analysis Method: 8260C Date Collected: 07/28/2015 09:26
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 14:41
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.71	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	105		64-135
1868-53-7	Dibromofluoromethane (Surr)	104		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-55 Lab Sample ID: 460-98740-13
Matrix: Water Lab File ID: P01896.D
Analysis Method: 8260C Date Collected: 07/28/2015 10:45
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:06
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.6	J	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-55 Lab Sample ID: 460-98740-13
Matrix: Water Lab File ID: P01896.D
Analysis Method: 8260C Date Collected: 07/28/2015 10:45
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:06
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.17	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		70-130
460-00-4	4-Bromofluorobenzene	81		64-135
1868-53-7	Dibromofluoromethane (Surr)	81		72-137
2037-26-5	Toluene-d8 (Surr)	77		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-51 Lab Sample ID: 460-98740-14
Matrix: Water Lab File ID: P01897.D
Analysis Method: 8260C Date Collected: 07/28/2015 12:08
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:31
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-51 Lab Sample ID: 460-98740-14
Matrix: Water Lab File ID: P01897.D
Analysis Method: 8260C Date Collected: 07/28/2015 12:08
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 15:31
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.35	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	103		72-137
2037-26-5	Toluene-d8 (Surr)	96		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: MW-50 Lab Sample ID: 460-98740-15
Matrix: Water Lab File ID: P01902.D
Analysis Method: 8260C Date Collected: 07/28/2015 13:34
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 17:36
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-50 Lab Sample ID: 460-98740-15

Matrix: Water Lab File ID: P01902.D

Analysis Method: 8260C Date Collected: 07/28/2015 13:34

Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 17:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.1		1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	0.69	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0 ~~0.95~~	~~J~~ U	1.0	0.28
95-47-6	o-Xylene	4.9		1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.38	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	103		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	94		70-130

NW 9/22/15

15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-98740-1

SDG No.:

Client Sample ID: MW-50 | Lab Sample ID: 460-98740-15

Matrix: Water | Lab File ID: P01902.D

Analysis Method: 8260C | Date Collected: 07/28/2015 13:34

Sample wt/vol: 5(mL) | Date Analyzed: 07/31/2015 17:36

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 313902 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 470

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	Benzene, 1,2,4-trimethyl-	11.09	52	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.88	30	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.97	28	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.50	29	J N
767-58-8	Indan, 1-methyl-	12.87	36	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.92	46	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.92	62	J N
90-12-0	Naphthalene, 1-methyl-	14.59	75	J N
582-16-1	Naphthalene, 2,7-dimethyl-	15.22	43	J N
581-42-0	Naphthalene, 2,6-dimethyl-	15.31	69	J N

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: FB-7 Lab Sample ID: 460-98740-16
Matrix: Water Lab File ID: P01886.D
Analysis Method: 8260C Date Collected: 07/28/2015 14:06
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:55
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	0.12	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: FB-7 Lab Sample ID: 460-98740-16
Matrix: Water Lab File ID: P01886.D
Analysis Method: 8260C Date Collected: 07/28/2015 14:06
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 10:55
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	4.0		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.44	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.36	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	101		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	97		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: Trip Blank Lab Sample ID: 460-98740-17
Matrix: Water Lab File ID: P01887.D
Analysis Method: 8260C Date Collected: 07/28/2015 00:00
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 11:20
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98740-1
SDG No.:
Client Sample ID: Trip Blank Lab Sample ID: 460-98740-17
Matrix: Water Lab File ID: P01887.D
Analysis Method: 8260C Date Collected: 07/28/2015 00:00
Sample wt/vol: 5(mL) Date Analyzed: 07/31/2015 11:20
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 313902 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	100		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	95		70-130

NW 9/22/15

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1ST AVENUE AND 90TH STREET, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: 460-98871
Laboratory: Test America, Edison, New Jersey
Site: 1st Avenue and 90th Street, New York
Date: September 22, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-52	460-98871-1	Water
2	MW-59	460-98871-2	Water
3	MW-03	460-98871-3	Water
4	MW-22	460-98871-4	Water
5	FB-8	460-98871-5FB	Water
6	MW-36	460-98871-6	Water
7	MW-06	460-98871-7	Water
8	MW-24	460-98871-8	Water
9	MW-43	460-98871-9	Water
10	FB-9	460-98871-10FB	Water

A Data Usability Summary Review was performed on the analytical data for eight water samples and two aqueous field blank samples collected on July 29-30, 2015 by EnviroTrac at the 1st Avenue and 90th Street site in Bronx, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"* and the *Standard Methods for the Examination of Water and Wastewater.*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by SW-846 Method 8260B & 8260C;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision
- Tentatively Identified Compounds

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Bromoform was qualified as estimated in all samples due to high continuing calibration %D values.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FB-8	1,4-Dichlorobenzene	0.90	None	All ND
FB-9	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 30 percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect

results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
08/06/15	Bromoform	42.5%	J/UJ	1-4, 6-10
08/07/15	Bromoform	36.0%	J/UJ	5

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/24/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-52 | Lab Sample ID: 460-98871-1

Matrix: Water | Lab File ID: J29706.D

Analysis Method: 8260C | Date Collected: 07/29/2015 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 13:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-52 | Lab Sample ID: 460-98871-1

Matrix: Water | Lab File ID: J29706.D

Analysis Method: 8260C | Date Collected: 07/29/2015 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 08/06/2015 13:40

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 314889 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	90		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-59 Lab Sample ID: 460-98871-2
Matrix: Water Lab File ID: J29707.D
Analysis Method: 8260C Date Collected: 07/29/2015 10:45
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:05
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	18		1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.75	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-59 Lab Sample ID: 460-98871-2
Matrix: Water Lab File ID: J29707.D
Analysis Method: 8260C Date Collected: 07/29/2015 10:45
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:05
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	90		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-03 Lab Sample ID: 460-98871-3

Matrix: Water Lab File ID: J29708.D

Analysis Method: 8260C Date Collected: 07/29/2015 12:20

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.83	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-03 Lab Sample ID: 460-98871-3
Matrix: Water Lab File ID: J29708.D
Analysis Method: 8260C Date Collected: 07/29/2015 12:20
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:31
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	83		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	89		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-22 Lab Sample ID: 460-98871-4
Matrix: Water Lab File ID: J29709.D
Analysis Method: 8260C Date Collected: 07/29/2015 13:30
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:57
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	✗ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: MW-22 Lab Sample ID: 460-98871-4

Matrix: Water Lab File ID: J29709.D

Analysis Method: 8260C Date Collected: 07/29/2015 13:30

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 14:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	96		72-137
2037-26-5	Toluene-d8 (Surr)	93		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: FB-8 Lab Sample ID: 460-98871-5
Matrix: Water Lab File ID: J29722.D
Analysis Method: 8260C Date Collected: 07/29/2015 14:04
Sample wt/vol: 5(mL) Date Analyzed: 08/07/2015 08:45
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 315171 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.90	J	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: FB-8 Lab Sample ID: 460-98871-5
Matrix: Water Lab File ID: J29722.D
Analysis Method: 8260C Date Collected: 07/29/2015 14:04
Sample wt/vol: 5(mL) Date Analyzed: 08/07/2015 08:45
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 315171 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-36 Lab Sample ID: 460-98871-6
Matrix: Water Lab File ID: J29710.D
Analysis Method: 8260C Date Collected: 07/30/2015 09:55
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 15:23
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.90	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-36 Lab Sample ID: 460-98871-6
Matrix: Water Lab File ID: J29710.D
Analysis Method: 8260C Date Collected: 07/30/2015 09:55
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 15:23
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	100		72-137
2037-26-5	Toluene-d8 (Surr)	92		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-06 Lab Sample ID: 460-98871-7
Matrix: Water Lab File ID: J29711.D
Analysis Method: 8260C Date Collected: 07/30/2015 11:10
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 15:49
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-06 Lab Sample ID: 460-98871-7
Matrix: Water Lab File ID: J29711.D
Analysis Method: 8260C Date Collected: 07/30/2015 11:10
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 15:49
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	82		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	89		70-130

NEW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-24 Lab Sample ID: 460-98871-8
Matrix: Water Lab File ID: J29712.D
Analysis Method: 8260C Date Collected: 07/30/2015 13:01
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 16:14
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-24 Lab Sample ID: 460-98871-8
Matrix: Water Lab File ID: J29712.D
Analysis Method: 8260C Date Collected: 07/30/2015 13:01
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 16:14
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	0.28	J	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-43 Lab Sample ID: 460-98871-9
Matrix: Water Lab File ID: J29713.D
Analysis Method: 8260C Date Collected: 07/30/2015 14:40
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 16:40
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: MW-43 Lab Sample ID: 460-98871-9
Matrix: Water Lab File ID: J29713.D
Analysis Method: 8260C Date Collected: 07/30/2015 14:40
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 16:40
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	98		72-137
2037-26-5	Toluene-d8 (Surr)	90		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1
SDG No.:
Client Sample ID: FB-9 Lab Sample ID: 460-98871-10
Matrix: Water Lab File ID: J29705.D
Analysis Method: 8260C Date Collected: 07/30/2015 15:15
Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 13:14
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	UJ	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-98871-1

SDG No.:

Client Sample ID: FB-9 Lab Sample ID: 460-98871-10

Matrix: Water Lab File ID: J29705.D

Analysis Method: 8260C Date Collected: 07/30/2015 15:15

Sample wt/vol: 5(mL) Date Analyzed: 08/06/2015 13:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 314889 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	97		72-137
2037-26-5	Toluene-d8 (Surr)	91		70-130

NW 9/22/15

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1ST AVENUE AND 90TH STREET, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: 460-99291
Laboratory: Test America, Edison, New Jersey
Site: 1st Avenue and 90th Street, New York
Date: September 22, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-48	460-99291-1	Water
1MS	MW-48MS	460-99291-1MS	Water
1MSD	MW-48MSD	460-99291-1MSD	Water
2	MW-47	460-99291-2	Water
3	MW-49	460-99291-3	Water
4	MW-23	460-99291-4	Water
5	MW-35	460-99291-5	Water
6	FB-10	460-99291-6FB	Water
7	MW-11	460-99291-7	Water
8	MW-41	460-99291-8	Water
9	MW-12	460-99291-9	Water
10	MW-13	460-99291-10	Water
11	FB-11	460-99291-11FB	Water
12	MW-15	460-99291-12	Water
13	MW-05	460-99291-13	Water
14	MW-04	460-99291-14	Water
15	MW-29	460-99291-15	Water
16	FB-12	460-99291-16FB	Water

A Data Usability Summary Review was performed on the analytical data for thirteen water samples and three aqueous field blank samples collected on July 31-August 4, 2015 by EnviroTrac at the 1st Avenue and 90th Street site in Bronx, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"* and the *Standard Methods for the Examination of Water and Wastewater.*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by SW-846 Method 8260B & 8260C;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision
- Tentatively Identified Compounds

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	Bromomethane	152%/162%/OK	None - Sample ND

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FB-10	None - ND	-	-	-
FB-11	None - ND	-	-	-
FB-12	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- EDS Sample ID #10 was analyzed at a 10X dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Tentatively Identified Compounds (TICs)

- All TICs were qualified estimated (J) for known compounds and (NJ) for tentatively identified compounds.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/24/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-48 Lab Sample ID: 460-99291-1
Matrix: Water Lab File ID: P02292.D
Analysis Method: 8260C Date Collected: 07/31/2015 09:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 10:42
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-48 Lab Sample ID: 460-99291-1

Matrix: Water Lab File ID: P02292.D

Analysis Method: 8260C Date Collected: 07/31/2015 09:05

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 10:42

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

NW 9122/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-47 Lab Sample ID: 460-99291-2
Matrix: Water Lab File ID: P02293.D
Analysis Method: 8260C Date Collected: 07/31/2015 10:10
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:08
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-47 Lab Sample ID: 460-99291-2
Matrix: Water Lab File ID: P02293.D
Analysis Method: 8260C Date Collected: 07/31/2015 10:10
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:08
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-49 Lab Sample ID: 460-99291-3

Matrix: Water Lab File ID: P02294.D

Analysis Method: 8260C Date Collected: 07/31/2015 11:15

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:33

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-49 Lab Sample ID: 460-99291-3
Matrix: Water Lab File ID: P02294.D
Analysis Method: 8260C Date Collected: 07/31/2015 11:15
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:33
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-23 Lab Sample ID: 460-99291-4
Matrix: Water Lab File ID: P02295.D
Analysis Method: 8260C Date Collected: 07/31/2015 12:50
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 11:58
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	0.43	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9122/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-23 | Lab Sample ID: 460-99291-4
Matrix: Water | Lab File ID: P02295.D
Analysis Method: 8260C | Date Collected: 07/31/2015 12:50
Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 11:58
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.49	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.28	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	93		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-35 Lab Sample ID: 460-99291-5
Matrix: Water Lab File ID: P02296.D
Analysis Method: 8260C Date Collected: 07/31/2015 14:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:23
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-35 Lab Sample ID: 460-99291-5
Matrix: Water Lab File ID: P02296.D
Analysis Method: 8260C Date Collected: 07/31/2015 14:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:23
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	95		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: FB-10 Lab Sample ID: 460-99291-6
Matrix: Water Lab File ID: P02289.D
Analysis Method: 8260C Date Collected: 07/31/2015 14:45
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 09:27
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: FB-10 Lab Sample ID: 460-99291-6
Matrix: Water Lab File ID: P02289.D
Analysis Method: 8260C Date Collected: 07/31/2015 14:45
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 09:27
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	94		64-135
1868-53-7	Dibromofluoromethane (Surr)	99		72-137
2037-26-5	Toluene-d8 (Surr)	111		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-11 Lab Sample ID: 460-99291-7
Matrix: Water Lab File ID: P02303.D
Analysis Method: 8260C Date Collected: 08/03/2015 10:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 15:19
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.2		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-11 Lab Sample ID: 460-99291-7
Matrix: Water Lab File ID: P02303.D
Analysis Method: 8260C Date Collected: 08/03/2015 10:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 15:19
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	150		1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	11		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	3.9		1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	98		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-41 Lab Sample ID: 460-99291-8

Matrix: Water Lab File ID: P02297.D

Analysis Method: 8260C Date Collected: 08/03/2015 11:55

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:48

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.49	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	6.9		1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-41 Lab Sample ID: 460-99291-8
Matrix: Water Lab File ID: P02297.D
Analysis Method: 8260C Date Collected: 08/03/2015 11:55
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:48
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.2		1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	5.4		1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	0.57	J	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-41 Lab Sample ID: 460-99291-8
Matrix: Water Lab File ID: P02297.D
Analysis Method: 8260C Date Collected: 08/03/2015 11:55
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 12:48
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L
Number TICs Found: 5 TIC Result Total: 39.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
78-78-4	Butane, 2-methyl-	1.28	8.3	J N
79-29-8	Butane, 2,3-dimethyl-	1.88	13	J N
96-37-7	Cyclopentane, methyl-	2.56	5.7	J N
2452-99-5	Cyclopentane, 1,2-dimethyl-	3.45	5.3	J N
2808-76-6	1,3-Dimethyl-1-cyclohexene	5.69	7.0	J N

J

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-12 Lab Sample ID: 460-99291-9
Matrix: Water Lab File ID: P02302.D
Analysis Method: 8260C Date Collected: 08/03/2015 13:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:54
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	0.17	J	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.4		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	0.59	J	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-12
Lab Sample ID: 460-99291-9
Matrix: Water
Lab File ID: P02302.D
Analysis Method: 8260C
Date Collected: 08/03/2015 13:05
Sample wt/vol: 5(mL)
Date Analyzed: 08/12/2015 14:54
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: Rtx-624 ID: 0.25(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 316056
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.62	J	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	19		1.0	0.13
108-87-2	Methylcyclohexane	0.37	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-12 Lab Sample ID: 460-99291-9
Matrix: Water Lab File ID: P02302.D
Analysis Method: 8260C Date Collected: 08/03/2015 13:05
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:54
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L
Number TICs Found: 3 TIC Result Total: 17.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
75-65-0	2-Propanol, 2-methyl-	2.26	6.8	J N
590-73-8	Hexane, 2,2-dimethyl-	3.44	5.8	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.67	5.2	J N

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NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-13 Lab Sample ID: 460-99291-10

Matrix: Water Lab File ID: P02304.D

Analysis Method: 8260C Date Collected: 08/03/2015 14:15

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 15:44

Soil Aliquot Vol: Dilution Factor: 10

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	10	U	10	2.8
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.9
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.4
79-00-5	1,1,2-Trichloroethane	10	U	10	0.80
75-34-3	1,1-Dichloroethane	10	U	10	2.4
75-35-4	1,1-Dichloroethene	10	U	10	3.4
87-61-6	1,2,3-Trichlorobenzene	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	10	U	10	2.7
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	2.3
95-50-1	1,2-Dichlorobenzene	10	U	10	2.2
107-06-2	1,2-Dichloroethane	10	U	10	2.5
78-87-5	1,2-Dichloropropane	10	U	10	1.8
541-73-1	1,3-Dichlorobenzene	10	U	10	3.3
106-46-7	1,4-Dichlorobenzene	10	U	10	3.3
123-91-1	1,4-Dioxane	500	U	500	87
78-93-3	2-Butanone (MEK)	50	U	50	22
591-78-6	2-Hexanone	50	U	50	7.2
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	50	6.3
67-64-1	Acetone	50	U	50	11
71-43-2	Benzene	42		10	0.90
75-25-2	Bromoform	10	U	10	1.8
74-83-9	Bromomethane	10	U	10	1.8
75-15-0	Carbon disulfide	10		10	2.2
56-23-5	Carbon tetrachloride	10	U	10	3.3
108-90-7	Chlorobenzene	10	U	10	2.4
74-97-5	Chlorobromomethane	10	U	10	3.0
124-48-1	Chlorodibromomethane	10	U	10	2.2
75-00-3	Chloroethane	10	U	10	3.7
67-66-3	Chloroform	53		10	2.2
74-87-3	Chloromethane	10	U	10	2.2
156-59-2	cis-1,2-Dichloroethene	10	U	10	2.6
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.6
110-82-7	Cyclohexane	23		10	2.6
75-27-4	Dichlorobromomethane	10	U	10	1.5
75-71-8	Dichlorodifluoromethane	10	U	10	1.4

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-13 Lab Sample ID: 460-99291-10
Matrix: Water Lab File ID: P02304.D
Analysis Method: 8260C Date Collected: 08/03/2015 14:15
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 15:44
Soil Aliquot Vol: Dilution Factor: 10
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	240		10	3.0
106-93-4	Ethylene Dibromide	10	U	10	1.9
98-82-8	Isopropylbenzene	15		10	3.2
79-20-9	Methyl acetate	50	U	50	5.8
1634-04-4	Methyl tert-butyl ether	450		10	1.3
108-87-2	Methylcyclohexane	38		10	2.2
75-09-2	Methylene Chloride	10	U	10	2.1
179601-23-1	m-Xylene & p-Xylene	2300		10	2.8
95-47-6	o-Xylene	1400		10	3.2
100-42-5	Styrene	10	U	10	1.7
127-18-4	Tetrachloroethene	1.8	J	10	1.2
108-88-3	Toluene	220		10	2.5
156-60-5	trans-1,2-Dichloroethene	10	U	10	1.8
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.9
79-01-6	Trichloroethene	10	U	10	2.2
75-69-4	Trichlorofluoromethane	10	U	10	1.5
75-01-4	Vinyl chloride	10	U	10	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	92		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	102		70-130

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-13 | Lab Sample ID: 460-99291-10
Matrix: Water | Lab File ID: P02304.D
Analysis Method: 8260C | Date Collected: 08/03/2015 14:15
Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 15:44
Soil Aliquot Vol: | Dilution Factor: 10
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 316056 | Units: ug/L
Number TICs Found: 10 | TIC Result Total: 3850

CAS NO.	COMPOUND NAME	RT	RESULT	Q
620-14-4	Benzene, 1-ethyl-3-methyl-	9.62	790	J N
108-67-8	Benzene, 1,3,5-trimethyl-	9.80	340	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.09	330	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.40	1100	J N
526-73-8	Benzene, 1,2,3-trimethyl-	11.09	430	J N
496-11-7	Indane	11.26	310	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.49	90	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.97	120	J N
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.87	150	J N
91-20-3	Naphthalene	13.56	190	J N

J

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: FB-11 Lab Sample ID: 460-99291-11
Matrix: Water Lab File ID: P02290.D
Analysis Method: 8260C Date Collected: 08/04/2015 15:15
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 09:52
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1
SDG No.:
Client Sample ID: FB-11 | Lab Sample ID: 460-99291-11
Matrix: Water | Lab File ID: P02290.D
Analysis Method: 8260C | Date Collected: 08/04/2015 15:15
Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 09:52
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	86		64-135
1868-53-7	Dibromofluoromethane (Surr)	91		72-137
2037-26-5	Toluene-d8 (Surr)	100		70-130

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-15 Lab Sample ID: 460-99291-12
Matrix: Water Lab File ID: P02298.D
Analysis Method: 8260C Date Collected: 08/04/2015 10:50
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 13:13
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	0.54	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-15 Lab Sample ID: 460-99291-12
Matrix: Water Lab File ID: P02298.D
Analysis Method: 8260C Date Collected: 08/04/2015 10:50
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 13:13
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	0.15	J	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	0.88	J	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	93		72-137
2037-26-5	Toluene-d8 (Surr)	100		70-130

Nev 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-05 Lab Sample ID: 460-99291-13

Matrix: Water Lab File ID: P02299.D

Analysis Method: 8260C Date Collected: 08/04/2015 12:10

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 13:38

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.30	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-05 Lab Sample ID: 460-99291-13
Matrix: Water Lab File ID: P02299.D
Analysis Method: 8260C Date Collected: 08/04/2015 12:10
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 13:38
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	0.56	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	100		70-130

LW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-04 Lab Sample ID: 460-99291-14

Matrix: Water Lab File ID: P02300.D

Analysis Method: 8260C Date Collected: 08/04/2015 13:40

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:03

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.71	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-04 Lab Sample ID: 460-99291-14

Matrix: Water Lab File ID: P02300.D

Analysis Method: 8260C Date Collected: 08/04/2015 13:40

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:03

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.62	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	88		64-135
1868-53-7	Dibromofluoromethane (Surr)	94		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1

SDG No.:

Client Sample ID: MW-29 Lab Sample ID: 460-99291-15

Matrix: Water Lab File ID: P02301.D

Analysis Method: 8260C Date Collected: 08/04/2015 14:50

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:28

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: MW-29 Lab Sample ID: 460-99291-15
Matrix: Water Lab File ID: P02301.D
Analysis Method: 8260C Date Collected: 08/04/2015 14:50
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 14:28
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	87		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	99		70-130

MW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-99291-1
SDG No.:
Client Sample ID: FB-12 Lab Sample ID: 460-99291-16
Matrix: Water Lab File ID: P02291.D
Analysis Method: 8260C Date Collected: 08/04/2015 17:20
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2015 10:17
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 316056 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

NW 9/22/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-99291-1
SDG No.:
Client Sample ID: FB-12 | Lab Sample ID: 460-99291-16
Matrix: Water | Lab File ID: P02291.D
Analysis Method: 8260C | Date Collected: 08/04/2015 17:20
Sample wt/vol: 5(mL) | Date Analyzed: 08/12/2015 10:17
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 316056 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	85		64-135
1868-53-7	Dibromofluoromethane (Surr)	92		72-137
2037-26-5	Toluene-d8 (Surr)	101		70-130

9/22/15