PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

August 31, 2020

Mr. Kyle Forster
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

RE: **Semi-Annual Groundwater Monitoring & Sub-Slab Depressurization System Inspection Report (April 2020 & July 2020, Respectively)**
Former RKO Dry Cleaners, 566 Washington Ave, Albany, NY
NYSDEC Site No. 401065

Mr. Forster:

This letter serves as the first of two 2020 groundwater monitoring reports summarizing the groundwater quality monitoring event for the above referenced site (see Figure 1 for site location). The groundwater monitoring event was conducted on April 9, 2020, consisting of gauging the depth to water and sampling onsite groundwater monitoring wells for analysis by EPA method 8260 TCL analysis. A summary is included regarding an inspection of the sub-slab depressurization system (SSDS) located at 564 Washington Avenue.

Well Gauging and Groundwater Sample Collection

A total of seven (7) monitoring wells (MW-1, 2, 3, 4, 5, 6R and 8) were gauged to determine the depth to groundwater (see Figure 2 for well location detail). All purge water was containerized onsite in a 55-gallon drum. On June 18, 2020 Precision Environmental Services (PES) and their contractor MC Environmental removed the drum of hazardous waste profiled water from the site for transportation and subsequent disposal at Veolia Technical Services facility in Middlesex, New Jersey. A copy of the generator signed manifest is included as Attachment A.

Groundwater elevations were determined by subtracting the depth to groundwater gauging information from the top of casing elevations. The calculated groundwater elevations for April 9, 2020 ranged from 665.36-feet (205) to 691.93-feet (302). The calculated groundwater elevations for May 5, 2020 ranged from 207.91-feet (MW-8) to 214.96-feet (MW-3). Groundwater elevations indicate the localized groundwater flow was to the east. The well gauging data for the event is summarized on Table 1 and the groundwater elevation data is depicted on Figure 2.

In addition to gauging, monitoring wells MW-1, 2, 3, 4, 5, 6R and 8 were purged and sampled on April 9, 2020 for analysis by EPA method 8260, the TCL list of analytes. Samples were collected using low flow techniques. The pre-collection field parameters are presented on Table 2.

Groundwater samples were obtained using a peristaltic pump with dedicated high-density polyethylene tubing to prevent cross-contamination, then labeled and placed on iced storage for subsequent submission under chain of custody to Eurofins located in Amherst, New York. The resulting analytical data was summarized and utilized to construct the Summary of Groundwater Analytical Results included as Table 3 and the Groundwater Analytical Map included as Figure 3.

Groundwater Analysis Results

Groundwater analytical results, as summarized in Table 3, indicate that five (5) of the sampled site-monitoring wells (MW-2, 3, 4, 5 and 6R) contained concentrations of volatile organic compounds (VOCs) above the laboratory minimum detection limits and contained constituents of concern detected at levels above the standards established in the NYSDEC - Division of Water Resources, Classes, and Quality Standards for Groundwater, Chapter 10 of Title 6, Article 2, Part 703.5 (*GW Guidance*). The laboratory analytical report has been included in Attachment B. An independent Data Usability Summary Report (DUSR) was performed by an Alpha Geoscience chemist. Based on the chemist's review the data was validated as useable. A copy of the DUSR is included as Attachment C.

564 Washington Avenue Sub-Slab Depressurization System Inspection

On July 1, 2020 PES conducted an inspection of the sub-slab depressurization system (SSDS) installed and operating at the multi-residential unit basement located at 564 Washington Avenue. This residence is immediately adjacent to the former RKO Dry Cleaners lot to the southeast. The blower, mounted on the eastern most exterior wall of the residence was operational, drawing 1.9 inches of water column. There are five (5) sub-slab points, all of which are connected to one header. The manometer that reads vacuum is mounted on the southern most sub-slab point along the interior southern wall of the resident basement. No leaks were observed, and the PVC and connections were in good condition. The blower was free of intake obstruction. A photolog presenting the current condition images is included as Attachment D.

If you have any questions or comments regarding the above information, please contact us at (518) 885-4399.

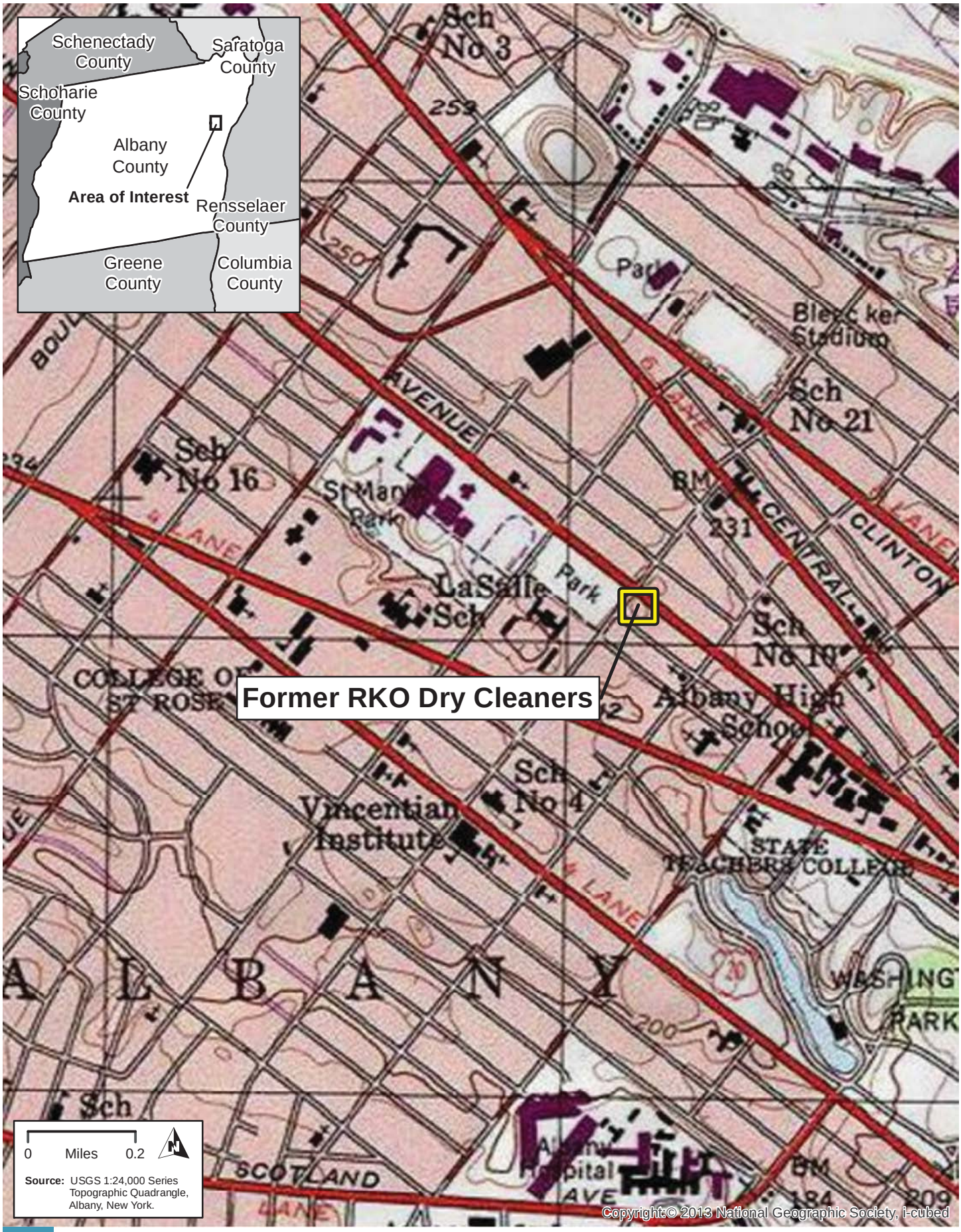
Sincerely,

PRECISION ENVIRONMENTAL SERVICES, INC.

Brian Neumann
Project Manager

Enclosures:
Figures 1–3
Tables 1–3
Attachment A – D

FIGURES



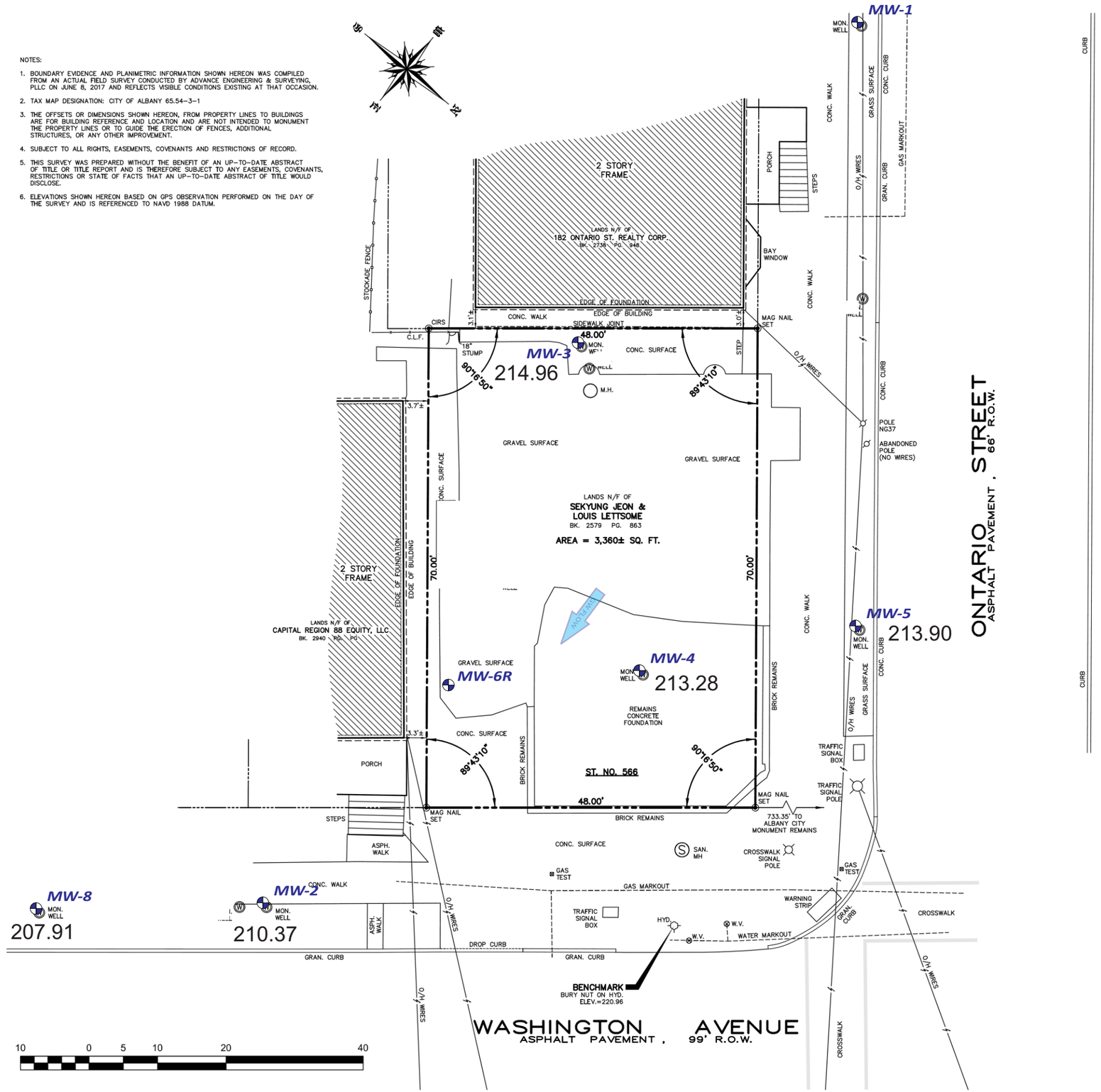
SITE LOCATION MAP

FORMER RKO DRY CLEANERS (NYSDEC SITE #401065)

FIGURE 1

NOTES:

1. BOUNDARY EVIDENCE AND PLANIMETRIC INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED BY ADVANCE ENGINEERING & SURVEYING, PLLC ON JUNE 8, 2017 AND REFLECTS VISIBLE CONDITIONS EXISTING AT THAT OCCASION.
2. TAX MAP DESIGNATION: CITY OF ALBANY 65.54-3-1
3. THE OFFSETS OR DIMENSIONS SHOWN HEREON, FROM PROPERTY LINES TO BUILDINGS ARE FOR BUILDING REFERENCE AND LOCATION AND ARE NOT INTENDED TO MONUMENT THE PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES, ADDITIONAL STRUCTURES, OR ANY OTHER IMPROVEMENT.
4. SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD.
5. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN UP-TO-DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS THEREFORE SUBJECT TO ANY EASEMENTS, COVENANTS, RESTRICTIONS OR STATE OF FACTS THAT AN UP-TO-DATE ABSTRACT OF TITLE WOULD DISCLOSE.
6. ELEVATIONS SHOWN HEREON BASED ON GPS OBSERVATION PERFORMED ON THE DAY OF THE SURVEY AND IS REFERENCED TO NAVD 1988 DATUM.



PRECISION ENVIRONMENTAL SERVICES, INC.
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BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUNDWATER FLOW
APRIL 9, 2020

FORMER RKO DRY CLEANERS

PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 7/13/20	**REVISED BY:** BN
FIGURE: 2	**SCALE:** AS SHOWN

MW-5
213.90
MONITORING WELL, ELEVATION IN FEET

NOTES:

- MAP AND SURVEY PROVIDED BY ADVANCE ENGINEERING & SURVEYING, PLLC
- ALL LOCATIONS ARE APPROXIMATE
- MAP TO BE USED FOR REFERENCE ONLY

NOTES:

1. BOUNDARY EVIDENCE AND PLANIMETRIC INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED BY ADVANCE ENGINEERING & SURVEYING, PLLC ON JUNE 8, 2017 AND REFLECTS VISIBLE CONDITIONS EXISTING AT THAT OCCASION.
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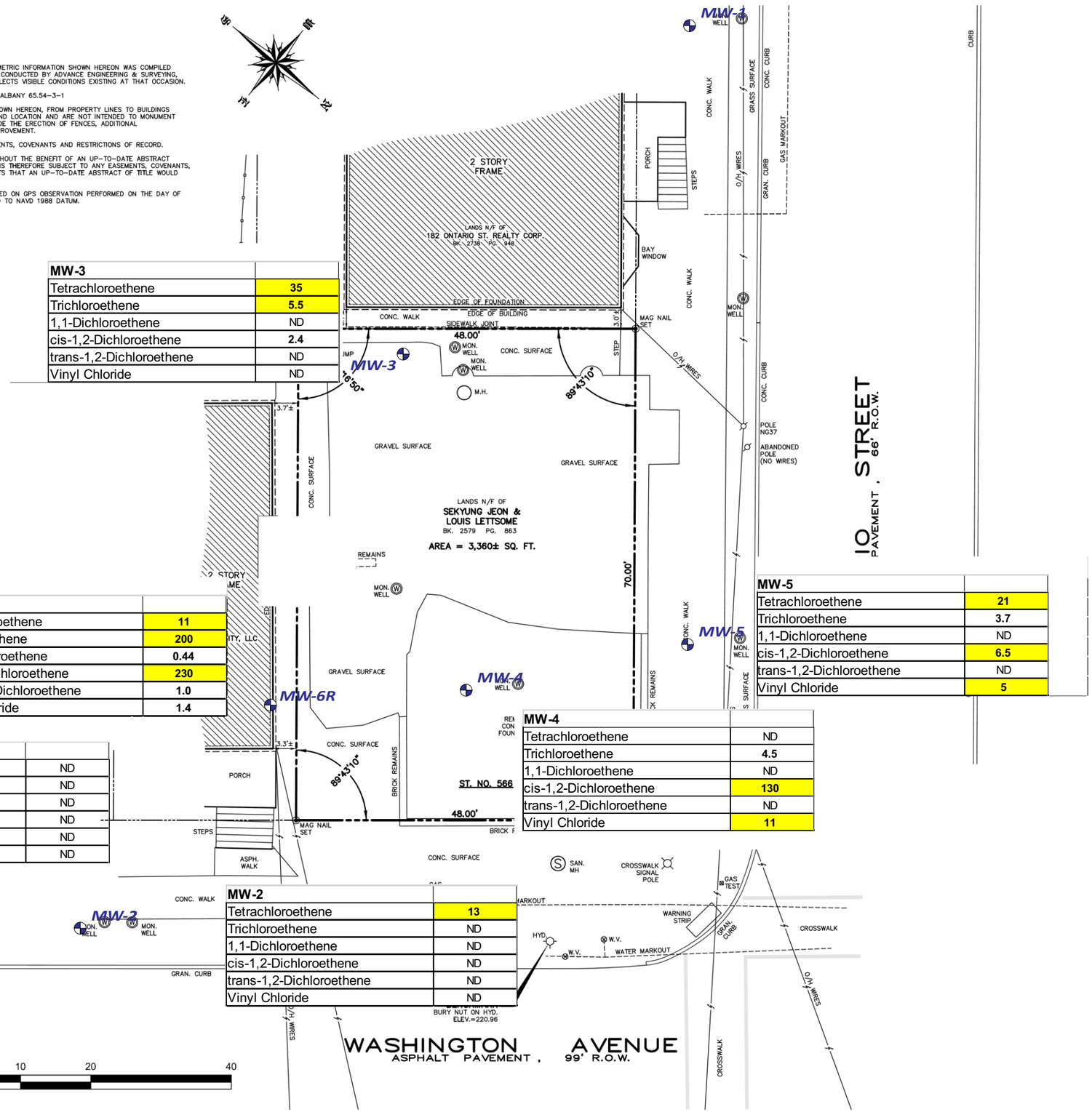

MW-3	
Tetrachloroethene	35
Trichloroethene	5.5
1,1-Dichloroethene	ND
cis-1,2-Dichloroethene	2.4
trans-1,2-Dichloroethene	ND
Vinyl Chloride	ND

MW-6R	
Tetrachloroethene	11
Trichloroethene	200
1,1-Dichloroethene	0.44
cis-1,2-Dichloroethene	230
trans-1,2-Dichloroethene	1.0
Vinyl Chloride	1.4

MW-5	
Tetrachloroethene	21
Trichloroethene	3.7
1,1-Dichloroethene	ND
cis-1,2-Dichloroethene	6.5
trans-1,2-Dichloroethene	ND
Vinyl Chloride	5

MW-4	
Tetrachloroethene	ND
Trichloroethene	4.5
1,1-Dichloroethene	ND
cis-1,2-Dichloroethene	130
trans-1,2-Dichloroethene	ND
Vinyl Chloride	11

MW-8	
Tetrachloroethene	ND
Trichloroethene	ND
1,1-Dichloroethene	ND
cis-1,2-Dichloroethene	ND
trans-1,2-Dichloroethene	ND
Vinyl Chloride	ND

MW-2	
Tetrachloroethene	13
Trichloroethene	ND
1,1-Dichloroethene	ND
cis-1,2-Dichloroethene	ND
trans-1,2-Dichloroethene	ND
Vinyl Chloride	ND

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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUNDWATER ANALYTICAL

APRIL 9, 2020

FORMER RKO DRY CLEANERS

PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 7/13/20	**REVISED BY:** BN
FIGURE: 3	**SCALE:** AS SHOWN

MW-5 MONITORING WELL

Yellow Shade Denotes
NYSDEC Groundwater
Standard Exceedence

NOTES:

- MAP AND SURVEY PROVIDED BY ADVANCE ENGINEERING & SURVEYING, PLLC
- ALL LOCATIONS ARE APPROXIMATE
- MAP TO BE USED FOR REFERENCE ONLY

TABLES

Former RKO Dry Cleaners Site
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Groundwater Monitoring Well Gauging Data

Table 1

Well	Top of Casing*	Measured Depth to Water	Relative GW Elevation
MW-2	218.28	7.91	210.37
MW-3	221.76	6.80	214.96
MW-4	220.42	7.14	213.28
MW-5	219.44	5.54	213.90
MW-6R	N/A	7.71	N/A
MW-8	217.72	9.81	207.91
Date or gauging event - April 9, 2020 *Elevations as reported by HDR, February 2017			

Former RKO Dry Cleaners Site
566 Washington Avenue, Albany, NY
Site No. 401065

Field Parameters

Table 2

Groundwater Analytical Summary				
	Sample Designation			
Parameter	**MW-1**	**MW-2**	**MW-3R**	**MW-4**
pH	NA	7.41	7.23	7.52
Temp (°C)	NA	9.50	9.30	9.70
TDS (g/l)	NA	NA	NA	NA
Disolved Oxygen (mg/L)	NA	9.79	5.03	3.71
Turbidity (NTU)	NA	NA	NA	NA
ORP (mV)	NA	-78.99	129.30	98.90
Conductivity (mS/cḿ)	NA	NA	NA	NA

NOTES:
- Parameters observed prior to sampling
- NA = No parameters taken (metal only samples)
- DMG = Well damaged, no samples or parameters taken
- Samples obtained on April 9, 2020

Groundwater Analytical Summary			
	Sample Designation		
Parameter	**MW-5**	**MW-6R**	**MW-8**
pH	6.27	7.22	7.39
Temp (°C)	11.90	11.40	10.70
TDS (g/l)	NA	NA	NA
Disolved Oxygen (mg/L)	12.05	2.05	3.27
Turbidity (NTU)	NA	NA	NA
ORP (mV)	95.70	-100.10	-78.77
Conductivity (mS/cḿ)	NA	NA	NA

NOTES:
- Parameters observed prior to sampling
- NA = No parameters taken (metal only samples)
- DMG = Well damaged, no samples or parameters taken
- Samples obtained on April 9, 2020

Former RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 3

Groundwater Analytical Summary

Analyte	Sample Identification												***Part 703 Groundwater Satandard***
	MW-1			**MW-2**			**MW-3**			**MW-4**			
Collection Date	4/11/2019	9/16/2020	4/9/2020	4/11/2019	9/16/2019	4/9/2020	4/11/2019	9/16/2019	4/9/2020	4/11/2019	9/16/2019	4/9/2020	
Volatiles - EPA 8260													
Tetrachloroethene	ND	N/A	N/A	**11**	**16**	**13**	**31**	**54**	**35**	**0.57**	ND	ND	*5*
Trichloroethene	ND	N/A	N/A	ND	ND	ND	**5.6**	**11**	**5.5**	**0.5**	**1.6**	**4.5**	*5*
1,1-Dichloroethene	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	**0.47**	ND	*5*
cis-1,2-Dichloroethene	ND	N/A	N/A	**3**	ND	ND	**4.7**	**9.0**	**2.4**	**45**	**210**	**130**	*5*
trans-1,2-Dichloroethene	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	**0.99**	ND	*5*
Vinyl Chloride	ND	N/A	N/A	ND	ND	ND	ND	**2.1**	ND	**4**	**18**	**11**	*2*

	MW-5			**MW-6R**			**MW-8**			***Part 703 Groundwater Satandard***
Collection Date	4/11/2019	9/16/2019	4/9/2020	4/11/2019	9/16/2019	4/9/2020	4/11/2019	9/16/2019	4/9/2020	
Volatiles - EPA 8260										
Tetrachloroethene	**20**	**51**	**21**	**68**	**12**	**11**	ND	ND	ND	
Trichloroethene	**3.6**	**9.2**	**3.7**	**88**	ND	**210 J**	ND	ND	ND	*5*
1,1-Dichloroethene	ND	ND	ND	ND	ND	**0.44**	ND	ND	ND	*5*
cis-1,2-Dichloroethene	**5.8**	**14**	**6.5**	**1,200**	**790**	**230 J**	**1.5**	ND	ND	*5*
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	**1.0**	ND	ND	ND	*5*
Vinyl Chloride	**9**	**13**	**5**	ND	ND	**1.4**	ND	ND	ND	*2*

Laboratory analysis performed by Eurofins
All results reported in ug/L
Highlighted Value Exceeds Corresponding Groundwater Standard
N/A = Not accessable
ND = Not detected above the laboratories method detection limit
J = Estimated concentration

Attachment A-
Waste Manifest

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD 981 563612	1	800-451-8984	019527288 JJK

GENERATOR

5. Generator's Name and Mailing Address
~~FORMER RKO DRY CLEANER~~ NYSDEC (M) 625 Broadway Albany, NY 12233
~~566 WASHINGTON AVE ALBANY NY 12203~~
Generator's Phone: 518-402-8644

Generator's Site Address (if different than mailing address) 566 Washington Ave. Albany, NY 12203 ← Former RKO Dry Cleaner (SM)

6. Transporter 1 Company Name: MG Environmental Services, Inc.
U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Technical Solutions, 125 Factory Lane, Middlesex NJ 08846
Facility's Phone: 732-469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE LIQUID (Tetrachloroethylene) 9, III	1	DM	400	P	F001 B
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WIP # 404716 Appr: MARCSWFUEL
ERG # 171 Emergency Contact M. Lieft 800-451-8984

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian Neumann - Agent for NYSDEC
Signature:
Month: 06 Day: 18 Year: 20

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: FRANK A. WHITE
Signature:
Month: 06 Day: 18 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

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

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

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

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

1.	2.	3.	4.

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

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

GENERATOR'S INITIAL COPY

Attachment B-
Laboratory Package

PRECISION
ENVIRONMENTAL SERVICES, INC.

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

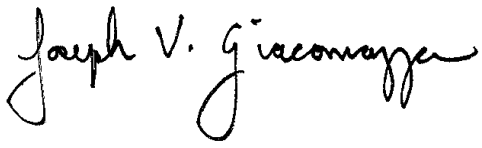
Job Number: 480-168458-1

Job Description: Former RKO Dry Cleaners #401065

Contract Number: C100700

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

Attention: Kyle Forster



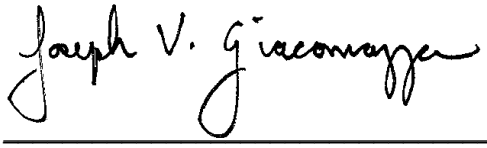
Approved for release.
Joe V Giacomazza
Project Management Assistant II
4/16/2020 8:34 AM

Designee for
Judy L Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
(484)685-0868
judy.stone@testamericainc.com
04/16/2020

Job Number: 480-168458-1

Job Description: Former RKO Dry Cleaners #401065

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.
Joe V Giacomazza
Project Management Assistant II
4/16/2020 8:34 AM

Designee for
Judy L Stone

Table of Contents

Table of Contents

Job Narrative
480-168458-1

Comments
No additional comments.

Receipt
The samples were received on 4/10/2020 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-525323 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-2 (480-168458-1), MW-3 (480-168458-2), MW-4 (480-168458-3), MW-5 (480-168458-4), MW-6R (480-168458-5) and MW-8 (480-168458-6).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-168458-3), (480-168458-A-3 MS) and (480-168458-A-3 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-6R (480-168458-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-525580 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-6R (480-168458-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: New York State D.E.C. Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Sample Summary

Client: New York State D.E.C.
Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-168458-1	MW-2	Water	04/09/20 13:00	04/10/20 08:00	
480-168458-2	MW-3	Water	04/09/20 10:50	04/10/20 08:00	
480-168458-3	MW-4	Water	04/09/20 10:00	04/10/20 08:00	
480-168458-4	MW-5	Water	04/09/20 09:15	04/10/20 08:00	
480-168458-5	MW-6R	Water	04/09/20 14:15	04/10/20 08:00	
480-168458-6	MW-8	Water	04/09/20 11:36	04/10/20 08:00	

Detection Summary

Client: New York State D.E.C.
Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-2
Lab Sample ID: 480-168458-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	13		1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: MW-3
Lab Sample ID: 480-168458-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	35		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	5.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4
Lab Sample ID: 480-168458-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	130		5.0	4.1	ug/L	5		8260C	Total/NA
Trichloroethene	4.5	J	5.0	2.3	ug/L	5		8260C	Total/NA
Vinyl chloride	11		5.0	4.5	ug/L	5		8260C	Total/NA

Client Sample ID: MW-5
Lab Sample ID: 480-168458-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.5		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	21		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	3.7		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	5.0		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6R
Lab Sample ID: 480-168458-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.44	J	1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	230	E	1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.16	J	1.0	0.16	ug/L	1		8260C	Total/NA
Tetrachloroethene	11		1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.0		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	210	E	1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	1.4		1.0	0.90	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	230		4.0	3.2	ug/L	4		8260C	Total/NA
Tetrachloroethene - DL	8.2		4.0	1.4	ug/L	4		8260C	Total/NA
Trichloroethene - DL	200		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: MW-8
Lab Sample ID: 480-168458-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.1		1.0	0.19	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: New York State D.E.C.
Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample ID: MW-2
Date Collected: 04/09/20 13:00
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 17:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 17:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 17:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 17:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 17:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 17:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 17:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 17:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 17:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 17:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 17:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 17:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 17:29	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 17:29	1
Acetone	ND		10	3.0	ug/L			04/10/20 17:29	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 17:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 17:29	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 17:29	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 17:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 17:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 17:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 17:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 17:29	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 17:29	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 17:29	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 17:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/10/20 17:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 17:29	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 17:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 17:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 17:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 17:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 17:29	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 17:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 17:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 17:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 17:29	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 17:29	1
Tetrachloroethene	**13**		1.0	0.36	ug/L			04/10/20 17:29	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 17:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 17:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 17:29	1
Trichloroethene	ND		1.0	0.46	ug/L			04/10/20 17:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 17:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 17:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 17:29	1

Client Sample ID: MW-2 — Lab Sample ID: 480-168458-1

Date Collected: 04/09/20 13:00 — **Matrix: Water**
Date Received: 04/10/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/10/20 17:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*04/10/20 17:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/10/20 17:29*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/10/20 17:29*	*1*

Client Sample ID: MW-3 — Lab Sample ID: 480-168458-2

Date Collected: 04/09/20 10:50 — **Matrix: Water**
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 17:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 17:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 17:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 17:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 17:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 17:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 17:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 17:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 17:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 17:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 17:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 17:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 17:52	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 17:52	1
Acetone	ND		10	3.0	ug/L			04/10/20 17:52	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 17:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 17:52	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 17:52	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 17:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 17:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 17:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 17:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 17:52	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 17:52	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 17:52	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 17:52	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.81	ug/L			04/10/20 17:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 17:52	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 17:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 17:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 17:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 17:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 17:52	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 17:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 17:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 17:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 17:52	1

Client Sample ID: MW-3 — Lab Sample ID: 480-168458-2

Date Collected: 04/09/20 10:50 — **Matrix: Water**
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			04/10/20 17:52	1
Tetrachloroethene	**35**		1.0	0.36	ug/L			04/10/20 17:52	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 17:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 17:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 17:52	1
Trichloroethene	**5.5**		1.0	0.46	ug/L			04/10/20 17:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 17:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 17:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/10/20 17:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*04/10/20 17:52*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/10/20 17:52*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/10/20 17:52*	*1*

Client Sample ID: MW-4 — Lab Sample ID: 480-168458-3

Date Collected: 04/09/20 10:00 — **Matrix: Water**
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			04/10/20 18:15	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/10/20 18:15	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/10/20 18:15	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/10/20 18:15	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/10/20 18:15	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/10/20 18:15	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/10/20 18:15	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/10/20 18:15	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/10/20 18:15	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/10/20 18:15	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/10/20 18:15	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/10/20 18:15	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/10/20 18:15	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/10/20 18:15	5
2-Hexanone	ND		25	6.2	ug/L			04/10/20 18:15	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/10/20 18:15	5
Acetone	ND		50	15	ug/L			04/10/20 18:15	5
Benzene	ND		5.0	2.1	ug/L			04/10/20 18:15	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/10/20 18:15	5
Bromoform	ND		5.0	1.3	ug/L			04/10/20 18:15	5
Bromomethane	ND		5.0	3.5	ug/L			04/10/20 18:15	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/10/20 18:15	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/10/20 18:15	5
Chlorobenzene	ND		5.0	3.8	ug/L			04/10/20 18:15	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/10/20 18:15	5
Chloroethane	ND		5.0	1.6	ug/L			04/10/20 18:15	5
Chloroform	ND		5.0	1.7	ug/L			04/10/20 18:15	5
Chloromethane	ND		5.0	1.8	ug/L			04/10/20 18:15	5

Client Sample ID: MW-4
Lab Sample ID: 480-168458-3
Date Collected: 04/09/20 10:00
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**130**		5.0	4.1	ug/L			04/10/20 18:15	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/10/20 18:15	5
Cyclohexane	ND		5.0	0.90	ug/L			04/10/20 18:15	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/10/20 18:15	5
Ethylbenzene	ND		5.0	3.7	ug/L			04/10/20 18:15	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/10/20 18:15	5
Isopropylbenzene	ND		5.0	4.0	ug/L			04/10/20 18:15	5
Methyl acetate	ND		13	6.5	ug/L			04/10/20 18:15	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/10/20 18:15	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/10/20 18:15	5
Methylene Chloride	ND		5.0	2.2	ug/L			04/10/20 18:15	5
Styrene	ND		5.0	3.7	ug/L			04/10/20 18:15	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/10/20 18:15	5
Toluene	ND		5.0	2.6	ug/L			04/10/20 18:15	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/10/20 18:15	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/10/20 18:15	5
Trichloroethene	**4.5**	**J**	5.0	2.3	ug/L			04/10/20 18:15	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/10/20 18:15	5
Vinyl chloride	**11**		5.0	4.5	ug/L			04/10/20 18:15	5
Xylenes, Total	ND		10	3.3	ug/L			04/10/20 18:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/10/20 18:15*	*5*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/10/20 18:15*	*5*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/10/20 18:15*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*04/10/20 18:15*	*5*

Client Sample ID: MW-5
Lab Sample ID: 480-168458-4
Date Collected: 04/09/20 09:15
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 18:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 18:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 18:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 18:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 18:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 18:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 18:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 18:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 18:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 18:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 18:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 18:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 18:38	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 18:38	1
Acetone	ND		10	3.0	ug/L			04/10/20 18:38	1

Client Sample ID: MW-5
Lab Sample ID: 480-168458-4
Date Collected: 04/09/20 09:15
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/10/20 18:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 18:38	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 18:38	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 18:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 18:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 18:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 18:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 18:38	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 18:38	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 18:38	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 18:38	1
cis-1,2-Dichloroethene	**6.5**		1.0	0.81	ug/L			04/10/20 18:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 18:38	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 18:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 18:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 18:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 18:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 18:38	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 18:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 18:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 18:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 18:38	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 18:38	1
Tetrachloroethene	**21**		1.0	0.36	ug/L			04/10/20 18:38	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 18:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 18:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 18:38	1
Trichloroethene	**3.7**		1.0	0.46	ug/L			04/10/20 18:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 18:38	1
Vinyl chloride	**5.0**		1.0	0.90	ug/L			04/10/20 18:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/10/20 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*04/10/20 18:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/10/20 18:38*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/10/20 18:38*	*1*

Client Sample ID: MW-6R
Lab Sample ID: 480-168458-5
Date Collected: 04/09/20 14:15
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 19:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 19:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 19:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 19:01	1
1,1-Dichloroethene	**0.44**	**J**	1.0	0.29	ug/L			04/10/20 19:01	1

Client Sample ID: MW-6R
Date Collected: 04/09/20 14:15
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 19:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 19:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 19:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 19:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 19:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 19:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 19:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 19:01	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 19:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 19:01	1
Acetone	ND		10	3.0	ug/L			04/10/20 19:01	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 19:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 19:01	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 19:01	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 19:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 19:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 19:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 19:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 19:01	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 19:01	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 19:01	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 19:01	1
cis-1,2-Dichloroethene	**230**	**E**	1.0	0.81	ug/L			04/10/20 19:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 19:01	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 19:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 19:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 19:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 19:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 19:01	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 19:01	1
Methyl tert-butyl ether	**0.16**	**J**	1.0	0.16	ug/L			04/10/20 19:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 19:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 19:01	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 19:01	1
Tetrachloroethene	**11**		1.0	0.36	ug/L			04/10/20 19:01	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 19:01	1
trans-1,2-Dichloroethene	**1.0**		1.0	0.90	ug/L			04/10/20 19:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 19:01	1
Trichloroethene	**210**	**E**	1.0	0.46	ug/L			04/10/20 19:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 19:01	1
Vinyl chloride	**1.4**		1.0	0.90	ug/L			04/10/20 19:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/10/20 19:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/10/20 19:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/10/20 19:01*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*04/10/20 19:01*	*1*

Client Sample ID: MW-6R
Date Collected: 04/09/20 14:15
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			04/13/20 14:52	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/13/20 14:52	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/13/20 14:52	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/13/20 14:52	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/13/20 14:52	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/13/20 14:52	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/13/20 14:52	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/13/20 14:52	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/13/20 14:52	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/13/20 14:52	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/13/20 14:52	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/13/20 14:52	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/13/20 14:52	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/13/20 14:52	4
2-Hexanone	ND		20	5.0	ug/L			04/13/20 14:52	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/13/20 14:52	4
Acetone	ND		40	12	ug/L			04/13/20 14:52	4
Benzene	ND		4.0	1.6	ug/L			04/13/20 14:52	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/13/20 14:52	4
Bromoform	ND		4.0	1.0	ug/L			04/13/20 14:52	4
Bromomethane	ND		4.0	2.8	ug/L			04/13/20 14:52	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/13/20 14:52	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/13/20 14:52	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/13/20 14:52	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/13/20 14:52	4
Chloroethane	ND		4.0	1.3	ug/L			04/13/20 14:52	4
Chloroform	ND		4.0	1.4	ug/L			04/13/20 14:52	4
Chloromethane	ND		4.0	1.4	ug/L			04/13/20 14:52	4
cis-1,2-Dichloroethene	**230**		4.0	3.2	ug/L			04/13/20 14:52	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/13/20 14:52	4
Cyclohexane	ND		4.0	0.72	ug/L			04/13/20 14:52	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/13/20 14:52	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/13/20 14:52	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/13/20 14:52	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/13/20 14:52	4
Methyl acetate	ND		10	5.2	ug/L			04/13/20 14:52	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/13/20 14:52	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/13/20 14:52	4
Methylene Chloride	ND		4.0	1.8	ug/L			04/13/20 14:52	4
Styrene	ND		4.0	2.9	ug/L			04/13/20 14:52	4
Tetrachloroethene	**8.2**		4.0	1.4	ug/L			04/13/20 14:52	4
Toluene	ND		4.0	2.0	ug/L			04/13/20 14:52	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/13/20 14:52	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/13/20 14:52	4
Trichloroethene	**200**		4.0	1.8	ug/L			04/13/20 14:52	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/13/20 14:52	4
Vinyl chloride	ND		4.0	3.6	ug/L			04/13/20 14:52	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/13/20 14:52	4

Client Sample ID: MW-6R
Lab Sample ID: 480-168458-5

Date Collected: 04/09/20 14:15
Matrix: Water
Date Received: 04/10/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/13/20 14:52*	*4*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/13/20 14:52*	*4*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/13/20 14:52*	*4*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*04/13/20 14:52*	*4*

Client Sample ID: MW-8
Lab Sample ID: 480-168458-6

Date Collected: 04/09/20 11:36
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 19:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 19:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 19:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 19:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 19:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 19:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 19:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 19:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 19:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 19:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 19:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 19:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 19:24	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 19:24	1
Acetone	ND		10	3.0	ug/L			04/10/20 19:24	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 19:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 19:24	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 19:24	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 19:24	1
Carbon disulfide	**1.1**		1.0	0.19	ug/L			04/10/20 19:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 19:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 19:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 19:24	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 19:24	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 19:24	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 19:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/10/20 19:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 19:24	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 19:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 19:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 19:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 19:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 19:24	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 19:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 19:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 19:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 19:24	1

Client Sample ID: MW-8
Date Collected: 04/09/20 11:36
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			04/10/20 19:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/10/20 19:24	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 19:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 19:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 19:24	1
Trichloroethene	ND		1.0	0.46	ug/L			04/10/20 19:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 19:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 19:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/20 19:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/10/20 19:24*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/10/20 19:24*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*04/10/20 19:24*	*1*

Surrogate Summary

Client: New York State D.E.C.
Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-168458-1	MW-2	96	107	99	104
480-168458-2	MW-3	96	105	97	104
480-168458-3	MW-4	96	106	97	101
480-168458-3 MS	MW-4	98	105	101	103
480-168458-3 MSD	MW-4	98	106	101	104
480-168458-4	MW-5	97	107	98	104
480-168458-5	MW-6R	97	104	99	103
480-168458-5 - DL	MW-6R	97	108	97	103
480-168458-6	MW-8	94	108	97	102
LCS 480-525323/5	Lab Control Sample	99	106	102	103
LCS 480-525580/6	Lab Control Sample	98	104	96	101
MB 480-525323/8	Method Blank	99	104	100	102
MB 480-525580/9	Method Blank	99	108	95	103

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-525323/8
Matrix: Water
Analysis Batch: 525323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 13:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 13:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 13:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 13:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 13:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 13:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 13:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 13:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 13:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 13:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 13:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 13:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 13:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 13:39	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 13:39	1
Acetone	ND		10	3.0	ug/L			04/10/20 13:39	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 13:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 13:39	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 13:39	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 13:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 13:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 13:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 13:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 13:39	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 13:39	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 13:39	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 13:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/10/20 13:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 13:39	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 13:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 13:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 13:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 13:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 13:39	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 13:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 13:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 13:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 13:39	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 13:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/10/20 13:39	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 13:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 13:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 13:39	1
Trichloroethene	ND		1.0	0.46	ug/L			04/10/20 13:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 13:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 13:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 13:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-525323/8
Matrix: Water
Analysis Batch: 525323

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/10/20 13:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/10/20 13:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/10/20 13:39*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*04/10/20 13:39*	*1*

Lab Sample ID: LCS 480-525323/5
Matrix: Water
Analysis Batch: 525323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	28.9		ug/L		116	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.0		ug/L		112	61 - 148
1,1-Dichloroethane	25.0	26.6		ug/L		107	77 - 120
1,1-Dichloroethene	25.0	26.2		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	25.0	27.6		ug/L		110	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.2		ug/L		109	56 - 134
1,2-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	26.1		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	133		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	71 - 125
Acetone	125	127		ug/L		102	56 - 142
Benzene	25.0	25.6		ug/L		103	71 - 124
Bromodichloromethane	25.0	27.6		ug/L		110	80 - 122
Bromoform	25.0	28.8		ug/L		115	61 - 132
Bromomethane	25.0	26.2		ug/L		105	55 - 144
Carbon disulfide	25.0	27.8		ug/L		111	59 - 134
Carbon tetrachloride	25.0	31.0		ug/L		124	72 - 134
Chlorobenzene	25.0	25.2		ug/L		101	80 - 120
Dibromochloromethane	25.0	28.0		ug/L		112	75 - 125
Chloroethane	25.0	26.7		ug/L		107	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	26.2		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		105	74 - 124
cis-1,3-Dichloropropene	25.0	26.5		ug/L		106	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135
Dichlorodifluoromethane	25.0	26.6		ug/L		107	59 - 135
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
1,2-Dibromoethane	25.0	25.9		ug/L		104	77 - 120
Isopropylbenzene	25.0	26.7		ug/L		107	77 - 122
Methyl acetate	50.0	50.9		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	26.6		ug/L		106	77 - 120
Methylcyclohexane	25.0	27.1		ug/L		108	68 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-525323/5
Matrix: Water
Analysis Batch: 525323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.2		ug/L		101	75 - 124
Styrene	25.0	26.9		ug/L		108	80 - 120
Tetrachloroethene	25.0	27.1		ug/L		108	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	26.4		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	80 - 120
Trichloroethene	25.0	27.2		ug/L		109	74 - 123
Trichlorofluoromethane	25.0	31.5		ug/L		126	62 - 150
Vinyl chloride	25.0	26.2		ug/L		105	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: 480-168458-3 MS
Matrix: Water
Analysis Batch: 525323

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		125	144		ug/L		115	73 - 126
1,1,2,2-Tetrachloroethane	ND		125	124		ug/L		99	76 - 120
1,1,2-Trichloroethane	ND		125	125		ug/L		100	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	133		ug/L		107	61 - 148
1,1-Dichloroethane	ND		125	132		ug/L		106	77 - 120
1,1-Dichloroethene	ND		125	131		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	ND		125	128		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	ND		125	132		ug/L		106	56 - 134
1,2-Dichlorobenzene	ND		125	128		ug/L		102	80 - 124
1,2-Dichloroethane	ND		125	129		ug/L		104	75 - 120
1,2-Dichloropropane	ND		125	125		ug/L		100	76 - 120
1,3-Dichlorobenzene	ND		125	125		ug/L		100	77 - 120
1,4-Dichlorobenzene	ND		125	125		ug/L		100	78 - 124
2-Butanone (MEK)	ND		625	636		ug/L		102	57 - 140
2-Hexanone	ND		625	690		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		625	680		ug/L		109	71 - 125
Acetone	ND		625	651		ug/L		104	56 - 142
Benzene	ND		125	126		ug/L		101	71 - 124
Bromodichloromethane	ND		125	134		ug/L		107	80 - 122
Bromoform	ND		125	131		ug/L		105	61 - 132
Bromomethane	ND		125	128		ug/L		103	55 - 144
Carbon disulfide	ND		125	123		ug/L		98	59 - 134
Carbon tetrachloride	ND		125	160		ug/L		128	72 - 134
Chlorobenzene	ND		125	125		ug/L		100	80 - 120
Dibromochloromethane	ND		125	135		ug/L		108	75 - 125
Chloroethane	ND		125	127		ug/L		102	69 - 136
Chloroform	ND		125	126		ug/L		101	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-168458-3 MS
Matrix: Water
Analysis Batch: 525323

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND		125	127		ug/L		101	68 - 124
cis-1,2-Dichloroethene	130		125	244		ug/L		92	74 - 124
cis-1,3-Dichloropropene	ND		125	122		ug/L		98	74 - 124
Cyclohexane	ND		125	132		ug/L		106	59 - 135
Dichlorodifluoromethane	ND		125	126		ug/L		101	59 - 135
Ethylbenzene	ND		125	131		ug/L		104	77 - 123
1,2-Dibromoethane	ND		125	126		ug/L		101	77 - 120
Isopropylbenzene	ND		125	133		ug/L		106	77 - 122
Methyl acetate	ND		250	254		ug/L		102	74 - 133
Methyl tert-butyl ether	ND		125	129		ug/L		103	77 - 120
Methylcyclohexane	ND		125	128		ug/L		103	68 - 134
Methylene Chloride	ND		125	124		ug/L		99	75 - 124
Styrene	ND		125	132		ug/L		105	80 - 120
Tetrachloroethene	ND		125	134		ug/L		107	74 - 122
Toluene	ND		125	127		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		125	131		ug/L		105	73 - 127
trans-1,3-Dichloropropene	ND		125	128		ug/L		102	80 - 120
Trichloroethene	4.5	J	125	135		ug/L		104	74 - 123
Trichlorofluoromethane	ND		125	157		ug/L		125	62 - 150
Vinyl chloride	11		125	135		ug/L		99	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: 480-168458-3 MSD
Matrix: Water
Analysis Batch: 525323

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		125	144		ug/L		115	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		125	124		ug/L		99	76 - 120	0	15
1,1,2-Trichloroethane	ND		125	124		ug/L		99	76 - 122	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		125	131		ug/L		105	61 - 148	2	20
1,1-Dichloroethane	ND		125	129		ug/L		103	77 - 120	2	20
1,1-Dichloroethene	ND		125	127		ug/L		101	66 - 127	4	16
1,2,4-Trichlorobenzene	ND		125	136		ug/L		108	79 - 122	5	20
1,2-Dibromo-3-Chloropropane	ND		125	136		ug/L		109	56 - 134	3	15
1,2-Dichlorobenzene	ND		125	126		ug/L		100	80 - 124	2	20
1,2-Dichloroethane	ND		125	129		ug/L		103	75 - 120	0	20
1,2-Dichloropropane	ND		125	125		ug/L		100	76 - 120	0	20
1,3-Dichlorobenzene	ND		125	127		ug/L		101	77 - 120	1	20
1,4-Dichlorobenzene	ND		125	125		ug/L		100	78 - 124	0	20
2-Butanone (MEK)	ND		625	651		ug/L		104	57 - 140	2	20
2-Hexanone	ND		625	686		ug/L		110	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		625	664		ug/L		106	71 - 125	2	35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-168458-3 MSD
Matrix: Water
Analysis Batch: 525323

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		625	690		ug/L		110	56 - 142	6	15
Benzene	ND		125	122		ug/L		98	71 - 124	3	13
Bromodichloromethane	ND		125	133		ug/L		107	80 - 122	1	15
Bromoform	ND		125	133		ug/L		106	61 - 132	1	15
Bromomethane	ND		125	130		ug/L		104	55 - 144	1	15
Carbon disulfide	ND		125	123		ug/L		99	59 - 134	0	15
Carbon tetrachloride	ND		125	153		ug/L		122	72 - 134	5	15
Chlorobenzene	ND		125	122		ug/L		98	80 - 120	3	25
Dibromochloromethane	ND		125	133		ug/L		106	75 - 125	1	15
Chloroethane	ND		125	128		ug/L		102	69 - 136	1	15
Chloroform	ND		125	124		ug/L		99	73 - 127	2	20
Chloromethane	ND		125	126		ug/L		101	68 - 124	0	15
cis-1,2-Dichloroethene	130		125	243		ug/L		91	74 - 124	0	15
cis-1,3-Dichloropropene	ND		125	123		ug/L		99	74 - 124	1	15
Cyclohexane	ND		125	131		ug/L		105	59 - 135	1	20
Dichlorodifluoromethane	ND		125	130		ug/L		104	59 - 135	4	20
Ethylbenzene	ND		125	127		ug/L		101	77 - 123	3	15
1,2-Dibromoethane	ND		125	126		ug/L		101	77 - 120	0	15
Isopropylbenzene	ND		125	128		ug/L		103	77 - 122	3	20
Methyl acetate	ND		250	255		ug/L		102	74 - 133	0	20
Methyl tert-butyl ether	ND		125	131		ug/L		105	77 - 120	2	37
Methylcyclohexane	ND		125	126		ug/L		101	68 - 134	2	20
Methylene Chloride	ND		125	121		ug/L		97	75 - 124	2	15
Styrene	ND		125	130		ug/L		104	80 - 120	1	20
Tetrachloroethene	ND		125	128		ug/L		102	74 - 122	4	20
Toluene	ND		125	123		ug/L		98	80 - 122	3	15
trans-1,2-Dichloroethene	ND		125	127		ug/L		102	73 - 127	3	20
trans-1,3-Dichloropropene	ND		125	124		ug/L		99	80 - 120	3	15
Trichloroethene	4.5	J	125	133		ug/L		103	74 - 123	1	16
Trichlorofluoromethane	ND		125	154		ug/L		123	62 - 150	2	20
Vinyl chloride	11		125	135		ug/L		100	65 - 133	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: MB 480-525580/9
Matrix: Water
Analysis Batch: 525580

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/13/20 13:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/13/20 13:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/13/20 13:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/13/20 13:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/13/20 13:34	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-525580/9
Matrix: Water
Analysis Batch: 525580

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/13/20 13:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/20 13:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/13/20 13:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/20 13:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/13/20 13:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/13/20 13:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/20 13:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/20 13:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/20 13:34	1
2-Hexanone	ND		5.0	1.2	ug/L			04/13/20 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/13/20 13:34	1
Acetone	ND		10	3.0	ug/L			04/13/20 13:34	1
Benzene	ND		1.0	0.41	ug/L			04/13/20 13:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/13/20 13:34	1
Bromoform	ND		1.0	0.26	ug/L			04/13/20 13:34	1
Bromomethane	ND		1.0	0.69	ug/L			04/13/20 13:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/13/20 13:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/13/20 13:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/13/20 13:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/13/20 13:34	1
Chloroethane	ND		1.0	0.32	ug/L			04/13/20 13:34	1
Chloroform	ND		1.0	0.34	ug/L			04/13/20 13:34	1
Chloromethane	ND		1.0	0.35	ug/L			04/13/20 13:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/13/20 13:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/13/20 13:34	1
Cyclohexane	ND		1.0	0.18	ug/L			04/13/20 13:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/13/20 13:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/13/20 13:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/13/20 13:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/13/20 13:34	1
Methyl acetate	ND		2.5	1.3	ug/L			04/13/20 13:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/13/20 13:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/13/20 13:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/13/20 13:34	1
Styrene	ND		1.0	0.73	ug/L			04/13/20 13:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/13/20 13:34	1
Toluene	ND		1.0	0.51	ug/L			04/13/20 13:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/13/20 13:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/13/20 13:34	1
Trichloroethene	ND		1.0	0.46	ug/L			04/13/20 13:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/13/20 13:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/20 13:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/13/20 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/13/20 13:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/13/20 13:34*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/13/20 13:34*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-525580/9
Matrix: Water
Analysis Batch: 525580

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*04/13/20 13:34*	*1*

Lab Sample ID: LCS 480-525580/6
Matrix: Water
Analysis Batch: 525580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	28.6		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	76 - 120
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1-Dichloroethane	25.0	26.3		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	28.6		ug/L		114	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.8		ug/L		111	56 - 134
1,2-Dichlorobenzene	25.0	26.1		ug/L		105	80 - 124
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 120
2-Butanone (MEK)	125	134		ug/L		107	57 - 140
2-Hexanone	125	133		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		105	71 - 125
Acetone	125	142		ug/L		113	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	27.4		ug/L		110	80 - 122
Bromoform	25.0	27.0		ug/L		108	61 - 132
Bromomethane	25.0	27.4		ug/L		109	55 - 144
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134
Carbon tetrachloride	25.0	31.3		ug/L		125	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	80 - 120
Dibromochloromethane	25.0	26.9		ug/L		108	75 - 125
Chloroethane	25.0	27.0		ug/L		108	69 - 136
Chloroform	25.0	25.1		ug/L		100	73 - 127
Chloromethane	25.0	27.7		ug/L		111	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Cyclohexane	25.0	26.4		ug/L		106	59 - 135
Dichlorodifluoromethane	25.0	28.6		ug/L		114	59 - 135
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
1,2-Dibromoethane	25.0	25.3		ug/L		101	77 - 120
Isopropylbenzene	25.0	27.0		ug/L		108	77 - 122
Methyl acetate	50.0	52.3		ug/L		105	74 - 133
Methyl tert-butyl ether	25.0	26.4		ug/L		106	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134
Methylene Chloride	25.0	24.8		ug/L		99	75 - 124
Styrene	25.0	26.0		ug/L		104	80 - 120
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-525580/6
Matrix: Water
Analysis Batch: 525580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Toluene			25.0	25.0		ug/L		100	80 - 122		
trans-1,2-Dichloroethene			25.0	25.5		ug/L		102	73 - 127		
trans-1,3-Dichloropropene			25.0	26.8		ug/L		107	80 - 120		
Trichloroethene			25.0	26.3		ug/L		105	74 - 123		
Trichlorofluoromethane			25.0	32.3		ug/L		129	62 - 150		
Vinyl chloride			25.0	27.2		ug/L		109	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

QC Association Summary

Client: New York State D.E.C.
Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

GC/MS VOA

Analysis Batch: 525323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168458-1	MW-2	Total/NA	Water	8260C	
480-168458-2	MW-3	Total/NA	Water	8260C	
480-168458-3	MW-4	Total/NA	Water	8260C	
480-168458-4	MW-5	Total/NA	Water	8260C	
480-168458-5	MW-6R	Total/NA	Water	8260C	
480-168458-6	MW-8	Total/NA	Water	8260C	
MB 480-525323/8	Method Blank	Total/NA	Water	8260C	
LCS 480-525323/5	Lab Control Sample	Total/NA	Water	8260C	
480-168458-3 MS	MW-4	Total/NA	Water	8260C	
480-168458-3 MSD	MW-4	Total/NA	Water	8260C	

Analysis Batch: 525580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168458-5 - DL	MW-6R	Total/NA	Water	8260C	
MB 480-525580/9	Method Blank	Total/NA	Water	8260C	
LCS 480-525580/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-2
Lab Sample ID: 480-168458-1
Date Collected: 04/09/20 13:00
Matrix: Water
Date Received: 04/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525323	04/10/20 17:29	LCH	TAL BUF

Client Sample ID: MW-3
Lab Sample ID: 480-168458-2
Date Collected: 04/09/20 10:50
Matrix: Water
Date Received: 04/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525323	04/10/20 17:52	LCH	TAL BUF

Client Sample ID: MW-4
Lab Sample ID: 480-168458-3
Date Collected: 04/09/20 10:00
Matrix: Water
Date Received: 04/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	525323	04/10/20 18:15	LCH	TAL BUF

Client Sample ID: MW-5
Lab Sample ID: 480-168458-4
Date Collected: 04/09/20 09:15
Matrix: Water
Date Received: 04/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525323	04/10/20 18:38	LCH	TAL BUF

Client Sample ID: MW-6R
Lab Sample ID: 480-168458-5
Date Collected: 04/09/20 14:15
Matrix: Water
Date Received: 04/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525323	04/10/20 19:01	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	4	525580	04/13/20 14:52	CRL	TAL BUF

Client Sample ID: MW-8
Lab Sample ID: 480-168458-6
Date Collected: 04/09/20 11:36
Matrix: Water
Date Received: 04/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525323	04/10/20 19:24	LCH	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C. Job ID: 480-168458-1
Project/Site: Former RKO Dry Cleaners #401065

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624 (20) ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-2	480-168458-1	104	107	96	99
MW-3	480-168458-2	104	105	96	97
MW-4	480-168458-3	101	106	96	97
MW-5	480-168458-4	104	107	97	98
MW-6R	480-168458-5	103	104	97	99
MW-6R DL	480-168458-5 DL	103	108	97	97
MW-8	480-168458-6	102	108	94	97
	MB 480-525323/8	102	104	99	100
	MB 480-525580/9	103	108	99	95
	LCS 480-525323/5	103	106	99	102
	LCS 480-525580/6	101	104	98	96
MW-4 MS	480-168458-3 MS	103	105	98	101
MW-4 MSD	480-168458-3 MSD	104	106	98	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-123
DCA = 1,2-Dichloroethane-d4 (Surr)	77-120
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	73-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30262.D

Lab ID: LCS 480-525323/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	28.9	116	73-126	
1,1,2,2-Tetrachloroethane	25.0	24.8	99	76-120	
1,1,2-Trichloroethane	25.0	25.2	101	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.0	112	61-148	
1,1-Dichloroethane	25.0	26.6	107	77-120	
1,1-Dichloroethene	25.0	26.2	105	66-127	
1,2,4-Trichlorobenzene	25.0	27.6	110	79-122	
1,2-Dibromo-3-Chloropropane	25.0	27.2	109	56-134	
1,2-Dichlorobenzene	25.0	25.8	103	80-124	
1,2-Dichloroethane	25.0	26.0	104	75-120	
1,2-Dichloropropane	25.0	26.1	104	76-120	
1,3-Dichlorobenzene	25.0	25.7	103	77-120	
1,4-Dichlorobenzene	25.0	25.9	104	80-120	
2-Butanone (MEK)	125	126	101	57-140	
2-Hexanone	125	133	107	65-127	
4-Methyl-2-pentanone (MIBK)	125	134	107	71-125	
Acetone	125	127	102	56-142	
Benzene	25.0	25.6	103	71-124	
Bromodichloromethane	25.0	27.6	110	80-122	
Bromoform	25.0	28.8	115	61-132	
Bromomethane	25.0	26.2	105	55-144	
Carbon disulfide	25.0	27.8	111	59-134	
Carbon tetrachloride	25.0	31.0	124	72-134	
Chlorobenzene	25.0	25.2	101	80-120	
Dibromochloromethane	25.0	28.0	112	75-125	
Chloroethane	25.0	26.7	107	69-136	
Chloroform	25.0	25.4	102	73-127	
Chloromethane	25.0	26.2	105	68-124	
cis-1,2-Dichloroethene	25.0	26.1	105	74-124	
cis-1,3-Dichloropropene	25.0	26.5	106	74-124	
Cyclohexane	25.0	27.0	108	59-135	
Dichlorodifluoromethane	25.0	26.6	107	59-135	
Ethylbenzene	25.0	26.5	106	77-123	
1,2-Dibromoethane	25.0	25.9	104	77-120	
Isopropylbenzene	25.0	26.7	107	77-122	
Methyl acetate	50.0	50.9	102	74-133	
Methyl tert-butyl ether	25.0	26.6	106	77-120	
Methylcyclohexane	25.0	27.1	108	68-134	
Methylene Chloride	25.0	25.2	101	75-124	
Styrene	25.0	26.9	108	80-120	
Tetrachloroethene	25.0	27.1	108	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30262.D

Lab ID: LCS 480-525323/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	25.7	103	80-122	
trans-1,2-Dichloroethene	25.0	26.4	106	73-127	
trans-1,3-Dichloropropene	25.0	26.5	106	80-120	
Trichloroethene	25.0	27.2	109	74-123	
Trichlorofluoromethane	25.0	31.5	126	62-150	
Vinyl chloride	25.0	26.2	105	65-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30329.D

Lab ID: LCS 480-525580/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	28.6	114	73-126	
1,1,2,2-Tetrachloroethane	25.0	24.3	97	76-120	
1,1,2-Trichloroethane	25.0	24.4	98	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2	109	61-148	
1,1-Dichloroethane	25.0	26.3	105	77-120	
1,1-Dichloroethene	25.0	25.7	103	66-127	
1,2,4-Trichlorobenzene	25.0	28.6	114	79-122	
1,2-Dibromo-3-Chloropropane	25.0	27.8	111	56-134	
1,2-Dichlorobenzene	25.0	26.1	105	80-124	
1,2-Dichloroethane	25.0	26.2	105	75-120	
1,2-Dichloropropane	25.0	25.6	102	76-120	
1,3-Dichlorobenzene	25.0	25.8	103	77-120	
1,4-Dichlorobenzene	25.0	26.1	104	80-120	
2-Butanone (MEK)	125	134	107	57-140	
2-Hexanone	125	133	106	65-127	
4-Methyl-2-pentanone (MIBK)	125	132	105	71-125	
Acetone	125	142	113	56-142	
Benzene	25.0	25.0	100	71-124	
Bromodichloromethane	25.0	27.4	110	80-122	
Bromoform	25.0	27.0	108	61-132	
Bromomethane	25.0	27.4	109	55-144	
Carbon disulfide	25.0	25.2	101	59-134	
Carbon tetrachloride	25.0	31.3	125	72-134	
Chlorobenzene	25.0	24.6	98	80-120	
Dibromochloromethane	25.0	26.9	108	75-125	
Chloroethane	25.0	27.0	108	69-136	
Chloroform	25.0	25.1	100	73-127	
Chloromethane	25.0	27.7	111	68-124	
cis-1,2-Dichloroethene	25.0	25.9	104	74-124	
cis-1,3-Dichloropropene	25.0	26.4	106	74-124	
Cyclohexane	25.0	26.4	106	59-135	
Dichlorodifluoromethane	25.0	28.6	114	59-135	
Ethylbenzene	25.0	25.7	103	77-123	
1,2-Dibromoethane	25.0	25.3	101	77-120	
Isopropylbenzene	25.0	27.0	108	77-122	
Methyl acetate	50.0	52.3	105	74-133	
Methyl tert-butyl ether	25.0	26.4	106	77-120	
Methylcyclohexane	25.0	26.0	104	68-134	
Methylene Chloride	25.0	24.8	99	75-124	
Styrene	25.0	26.0	104	80-120	
Tetrachloroethene	25.0	26.3	105	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30329.D

Lab ID: LCS 480-525580/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	25.0	100	80-122	
trans-1,2-Dichloroethene	25.0	25.5	102	73-127	
trans-1,3-Dichloropropene	25.0	26.8	107	80-120	
Trichloroethene	25.0	26.3	105	74-123	
Trichlorofluoromethane	25.0	32.3	129	62-150	
Vinyl chloride	25.0	27.2	109	65-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30287.D

Lab ID: 480-168458-3 MS Client ID: MW-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	125	ND	144	115	73-126	
1,1,2,2-Tetrachloroethane	125	ND	124	99	76-120	
1,1,2-Trichloroethane	125	ND	125	100	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	125	ND	133	107	61-148	
1,1-Dichloroethane	125	ND	132	106	77-120	
1,1-Dichloroethene	125	ND	131	105	66-127	
1,2,4-Trichlorobenzene	125	ND	128	103	79-122	
1,2-Dibromo-3-Chloropropane	125	ND	132	106	56-134	
1,2-Dichlorobenzene	125	ND	128	102	80-124	
1,2-Dichloroethane	125	ND	129	104	75-120	
1,2-Dichloropropane	125	ND	125	100	76-120	
1,3-Dichlorobenzene	125	ND	125	100	77-120	
1,4-Dichlorobenzene	125	ND	125	100	78-124	
2-Butanone (MEK)	625	ND	636	102	57-140	
2-Hexanone	625	ND	690	110	65-127	
4-Methyl-2-pentanone (MIBK)	625	ND	680	109	71-125	
Acetone	625	ND	651	104	56-142	
Benzene	125	ND	126	101	71-124	
Bromodichloromethane	125	ND	134	107	80-122	
Bromoform	125	ND	131	105	61-132	
Bromomethane	125	ND	128	103	55-144	
Carbon disulfide	125	ND	123	98	59-134	
Carbon tetrachloride	125	ND	160	128	72-134	
Chlorobenzene	125	ND	125	100	80-120	
Dibromochloromethane	125	ND	135	108	75-125	
Chloroethane	125	ND	127	102	69-136	
Chloroform	125	ND	126	101	73-127	
Chloromethane	125	ND	127	101	68-124	
cis-1,2-Dichloroethene	125	130	244	92	74-124	
cis-1,3-Dichloropropene	125	ND	122	98	74-124	
Cyclohexane	125	ND	132	106	59-135	
Dichlorodifluoromethane	125	ND	126	101	59-135	
Ethylbenzene	125	ND	131	104	77-123	
1,2-Dibromoethane	125	ND	126	101	77-120	
Isopropylbenzene	125	ND	133	106	77-122	
Methyl acetate	250	ND	254	102	74-133	
Methyl tert-butyl ether	125	ND	129	103	77-120	
Methylcyclohexane	125	ND	128	103	68-134	
Methylene Chloride	125	ND	124	99	75-124	
Styrene	125	ND	132	105	80-120	
Tetrachloroethene	125	ND	134	107	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30287.D

Lab ID: 480-168458-3 MS Client ID: MW-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	125	ND	127	101	80-122	
trans-1,2-Dichloroethene	125	ND	131	105	73-127	
trans-1,3-Dichloropropene	125	ND	128	102	80-120	
Trichloroethene	125	4.5 J	135	104	74-123	
Trichlorofluoromethane	125	ND	157	125	62-150	
Vinyl chloride	125	11	135	99	65-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30288.D

Lab ID: 480-168458-3 MSD Client ID: MW-4 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	125	144	115	0	15	73-126	
1,1,2,2-Tetrachloroethane	125	124	99	0	15	76-120	
1,1,2-Trichloroethane	125	124	99	1	15	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	125	131	105	2	20	61-148	
1,1-Dichloroethane	125	129	103	2	20	77-120	
1,1-Dichloroethene	125	127	101	4	16	66-127	
1,2,4-Trichlorobenzene	125	136	108	5	20	79-122	
1,2-Dibromo-3-Chloropropane	125	136	109	3	15	56-134	
1,2-Dichlorobenzene	125	126	100	2	20	80-124	
1,2-Dichloroethane	125	129	103	0	20	75-120	
1,2-Dichloropropane	125	125	100	0	20	76-120	
1,3-Dichlorobenzene	125	127	101	1	20	77-120	
1,4-Dichlorobenzene	125	125	100	0	20	78-124	
2-Butanone (MEK)	625	651	104	2	20	57-140	
2-Hexanone	625	686	110	1	15	65-127	
4-Methyl-2-pentanone (MIBK)	625	664	106	2	35	71-125	
Acetone	625	690	110	6	15	56-142	
Benzene	125	122	98	3	13	71-124	
Bromodichloromethane	125	133	107	1	15	80-122	
Bromoform	125	133	106	1	15	61-132	
Bromomethane	125	130	104	1	15	55-144	
Carbon disulfide	125	123	99	0	15	59-134	
Carbon tetrachloride	125	153	122	5	15	72-134	
Chlorobenzene	125	122	98	3	25	80-120	
Dibromochloromethane	125	133	106	1	15	75-125	
Chloroethane	125	128	102	1	15	69-136	
Chloroform	125	124	99	2	20	73-127	
Chloromethane	125	126	101	0	15	68-124	
cis-1,2-Dichloroethene	125	243	91	0	15	74-124	
cis-1,3-Dichloropropene	125	123	99	1	15	74-124	
Cyclohexane	125	131	105	1	20	59-135	
Dichlorodifluoromethane	125	130	104	4	20	59-135	
Ethylbenzene	125	127	101	3	15	77-123	
1,2-Dibromoethane	125	126	101	0	15	77-120	
Isopropylbenzene	125	128	103	3	20	77-122	
Methyl acetate	250	255	102	0	20	74-133	
Methyl tert-butyl ether	125	131	105	2	37	77-120	
Methylcyclohexane	125	126	101	2	20	68-134	
Methylene Chloride	125	121	97	2	15	75-124	
Styrene	125	130	104	1	20	80-120	
Tetrachloroethene	125	128	102	4	20	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D30288.D

Lab ID: 480-168458-3 MSD Client ID: MW-4 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toluene	125	123	98	3	15	80-122	
trans-1,2-Dichloroethene	125	127	102	3	20	73-127	
trans-1,3-Dichloropropene	125	124	99	3	15	80-120	
Trichloroethene	125	133	103	1	16	74-123	
Trichlorofluoromethane	125	154	123	2	20	62-150	
Vinyl chloride	125	135	100	0	15	65-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab File ID: D30265.D Lab Sample ID: MB 480-525323/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: HP5975D Date Analyzed: 04/10/2020 13:39

GC Column: ZB-624 (20) ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-525323/5	D30262.D	04/10/2020 12:11
MW-2	480-168458-1	D30275.D	04/10/2020 17:29
MW-3	480-168458-2	D30276.D	04/10/2020 17:52
MW-4	480-168458-3	D30277.D	04/10/2020 18:15
MW-5	480-168458-4	D30278.D	04/10/2020 18:38
MW-6R	480-168458-5	D30279.D	04/10/2020 19:01
MW-8	480-168458-6	D30280.D	04/10/2020 19:24
MW-4 MS	480-168458-3 MS	D30287.D	04/10/2020 22:06
MW-4 MSD	480-168458-3 MSD	D30288.D	04/10/2020 22:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab File ID: D30331.D Lab Sample ID: MB 480-525580/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: HP5975D Date Analyzed: 04/13/2020 13:34

GC Column: ZB-624 (20) ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-525580/6	D30329.D	04/13/2020 12:39
MW-6R DL	480-168458-5 DL	D30334.D	04/13/2020 14:52

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab File ID: D30098.D BFB Injection Date: 04/07/2020

Instrument ID: HP5975D BFB Injection Time: 13:55

Analysis Batch No.: 524669

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.2	
75	30.0 - 60.0 % of mass 95	43.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	86.5	
175	5.0 - 9.0 % of mass 174	6.7	(7.7) 1
176	95.0 - 101.0 % of mass 174	85.7	(99.1) 1
177	5.0 - 9.0 % of mass 176	5.8	(6.8) 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
	IC 480-524669/9	D30100.D	04/07/2020	14:46
	IC 480-524669/10	D30101.D	04/07/2020	15:09
	IC 480-524669/11	D30102.D	04/07/2020	15:32
	IC 480-524669/12	D30103.D	04/07/2020	15:56
	IC 480-524669/13	D30104.D	04/07/2020	16:19
	ICIS 480-524669/14	D30105.D	04/07/2020	16:42
	IC 480-524669/15	D30106.D	04/07/2020	17:05
	IC 480-524669/16	D30107.D	04/07/2020	17:28

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab File ID: D30128.D BFB Injection Date: 04/08/2020

Instrument ID: HP5975D BFB Injection Time: 13:07

Analysis Batch No.: 524885

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.2	
75	30.0 - 60.0 % of mass 95	44.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	86.8	
175	5.0 - 9.0 % of mass 174	6.3	(7.2) 1
176	95.0 - 101.0 % of mass 174	84.7	(97.6) 1
177	5.0 - 9.0 % of mass 176	5.8	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 480-524885/7	D30132.D	04/08/2020	14:56

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab File ID: D30259.D BFB Injection Date: 04/10/2020

Instrument ID: HP5975D BFB Injection Time: 10:55

Analysis Batch No.: 525323

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.5	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	84.0	
175	5.0 - 9.0 % of mass 174	6.7	(8.0) 1
176	95.0 - 101.0 % of mass 174	82.2	(97.9) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.8) 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 480-525323/3	D30260.D	04/10/2020	11:16
	LCS 480-525323/5	D30262.D	04/10/2020	12:11
	MB 480-525323/8	D30265.D	04/10/2020	13:39
MW-2	480-168458-1	D30275.D	04/10/2020	17:29
MW-3	480-168458-2	D30276.D	04/10/2020	17:52
MW-4	480-168458-3	D30277.D	04/10/2020	18:15
MW-5	480-168458-4	D30278.D	04/10/2020	18:38
MW-6R	480-168458-5	D30279.D	04/10/2020	19:01
MW-8	480-168458-6	D30280.D	04/10/2020	19:24
MW-4 MS	480-168458-3 MS	D30287.D	04/10/2020	22:06
MW-4 MSD	480-168458-3 MSD	D30288.D	04/10/2020	22:28

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab File ID: D30326.D BFB Injection Date: 04/13/2020

Instrument ID: HP5975D BFB Injection Time: 11:19

Analysis Batch No.: 525580

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.5	
75	30.0 - 60.0 % of mass 95	44.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.4	(0.5) 1
174	50.0 - 120.00 % of mass 95	83.7	
175	5.0 - 9.0 % of mass 174	6.9	(8.2) 1
176	95.0 - 101.0 % of mass 174	83.3	(99.5) 1
177	5.0 - 9.0 % of mass 176	5.3	(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 480-525580/4	D30327.D	04/13/2020	11:45
	LCS 480-525580/6	D30329.D	04/13/2020	12:39
	MB 480-525580/9	D30331.D	04/13/2020	13:34
MW-6R DL	480-168458-5 DL	D30334.D	04/13/2020	14:52

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Sample No.: ICIS 480-524669/14 Date Analyzed: 04/07/2020 16:42

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): D30105.D Heated Purge: (Y/N) N

Calibration ID: 39126

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		146070	5.53	323808	7.91	329783	9.84
UPPER LIMIT		292140	6.03	647616	8.41	659566	10.34
LOWER LIMIT		73035	5.03	161904	7.41	164892	9.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-525323/3		125070	5.53	281421	7.92	285013	9.84
CCVIS 480-525580/4		124381	5.54	270691	7.93	267243	9.85

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 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: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Sample No.: CCVIS 480-525323/3 Date Analyzed: 04/10/2020 11:16

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): D30260.D Heated Purge: (Y/N) N

Calibration ID: 39129

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		125070	5.53	281421	7.92	285013	9.84
UPPER LIMIT		250140	6.03	562842	8.42	570026	10.34
LOWER LIMIT		62535	5.03	140711	7.42	142507	9.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-525323/5		126845	5.53	282616	7.92	293955	9.84
MB 480-525323/8		128956	5.53	283354	7.92	288913	9.84
480-168458-1	MW-2	125586	5.53	283063	7.91	285616	9.84
480-168458-2	MW-3	124404	5.53	285466	7.91	281030	9.84
480-168458-3	MW-4	115262	5.53	276391	7.91	265393	9.84
480-168458-4	MW-5	123698	5.53	278862	7.91	283751	9.84
480-168458-5	MW-6R	123510	5.53	274862	7.91	272452	9.84
480-168458-6	MW-8	125976	5.52	283014	7.91	279262	9.84
480-168458-3 MS	MW-4 MS	125741	5.52	277390	7.90	284199	9.84
480-168458-3 MSD	MW-4 MSD	123752	5.52	276937	7.90	287261	9.84

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 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: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Sample No.: CCVIS 480-525580/4 Date Analyzed: 04/13/2020 11:45

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): D30327.D Heated Purge: (Y/N) N

Calibration ID: 39129

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		124381	5.54	270691	7.93	267243	9.85
UPPER LIMIT		248762	6.04	541382	8.43	534486	10.35
LOWER LIMIT		62191	5.04	135346	7.43	133622	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-525580/6		122908	5.54	272856	7.93	270469	9.85
MB 480-525580/9		125166	5.54	266930	7.93	266412	9.85
480-168458-5 DL	MW-6R DL	123553	5.54	262680	7.92	261663	9.85

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 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: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-2 Lab Sample ID: 480-168458-1

Matrix: Water Lab File ID: D30275.D

Analysis Method: 8260C Date Collected: 04/09/2020 13:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 17:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-2 Lab Sample ID: 480-168458-1

Matrix: Water Lab File ID: D30275.D

Analysis Method: 8260C Date Collected: 04/09/2020 13:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 17:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	13		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30275.D
Lims ID: 480-168458-A-1
Client ID: MW-2
Sample Type: Client
Inject. Date: 10-Apr-2020 17:29:30 ALS Bottle#: 17 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-168458-A-1
Misc. Info.: 480-0089479-022
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:02:54 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:02:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.526	5.532	-0.006	98	125586	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	283063	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	285616	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.033	-0.006	92	198121	25.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	111847	26.7	
$ 5 Toluene-d8 (Surr)	98	6.739	6.734	-0.006	95	628959	24.0	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.859	0.000	92	219520	24.8	
10 Dichlorodifluoromethane	85		1.514				ND	
12 Chloromethane	50		1.733				ND	
13 Vinyl chloride	62		1.849				ND	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.300				ND	
17 Trichlorofluoromethane	101		2.569				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056				ND	
22 1,1-Dichloroethene	96		3.081				ND	
23 Acetone	43		3.178				ND	
26 Carbon disulfide	76		3.300				ND	
27 Methyl acetate	43		3.459				ND	
30 Methylene Chloride	84		3.593				ND	
32 Methyl tert-butyl ether	73		3.751				ND	
34 trans-1,2-Dichloroethene	96		3.776				ND	
39 1,1-Dichloroethane	63		4.160				ND	
45 cis-1,2-Dichloroethene	96		4.647				ND	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83	4.904	4.910	-0.006	89	2689	0.2030	
51 1,1,1-Trichloroethane	97		5.013				ND	
52 Cyclohexane	56		5.019				ND	
55 Carbon tetrachloride	117		5.129				ND	
57 Benzene	78		5.312				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.806	5.812	-0.006	89	1247	0.1730	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.909				ND	
65 1,2-Dichloropropane	63		6.013				ND	
68 Dichlorobromomethane	83		6.239				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659				ND	U
74 Toluene	92		6.799				ND	
77 trans-1,3-Dichloropropene	75		7.007				ND	
79 1,1,2-Trichloroethane	83		7.165				ND	
81 Tetrachloroethene	166	7.214	7.209	-0.006	94	102477	13.2	
80 2-Hexanone	43		7.318				ND	
83 Chlorodibromomethane	129		7.488				ND	
84 Ethylene Dibromide	107		7.580				ND	
87 Chlorobenzene	112		7.939				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.439				ND	
95 Bromoform	173		8.659				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.019				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.866				ND	
116 1,2-Dichlorobenzene	146		10.195				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

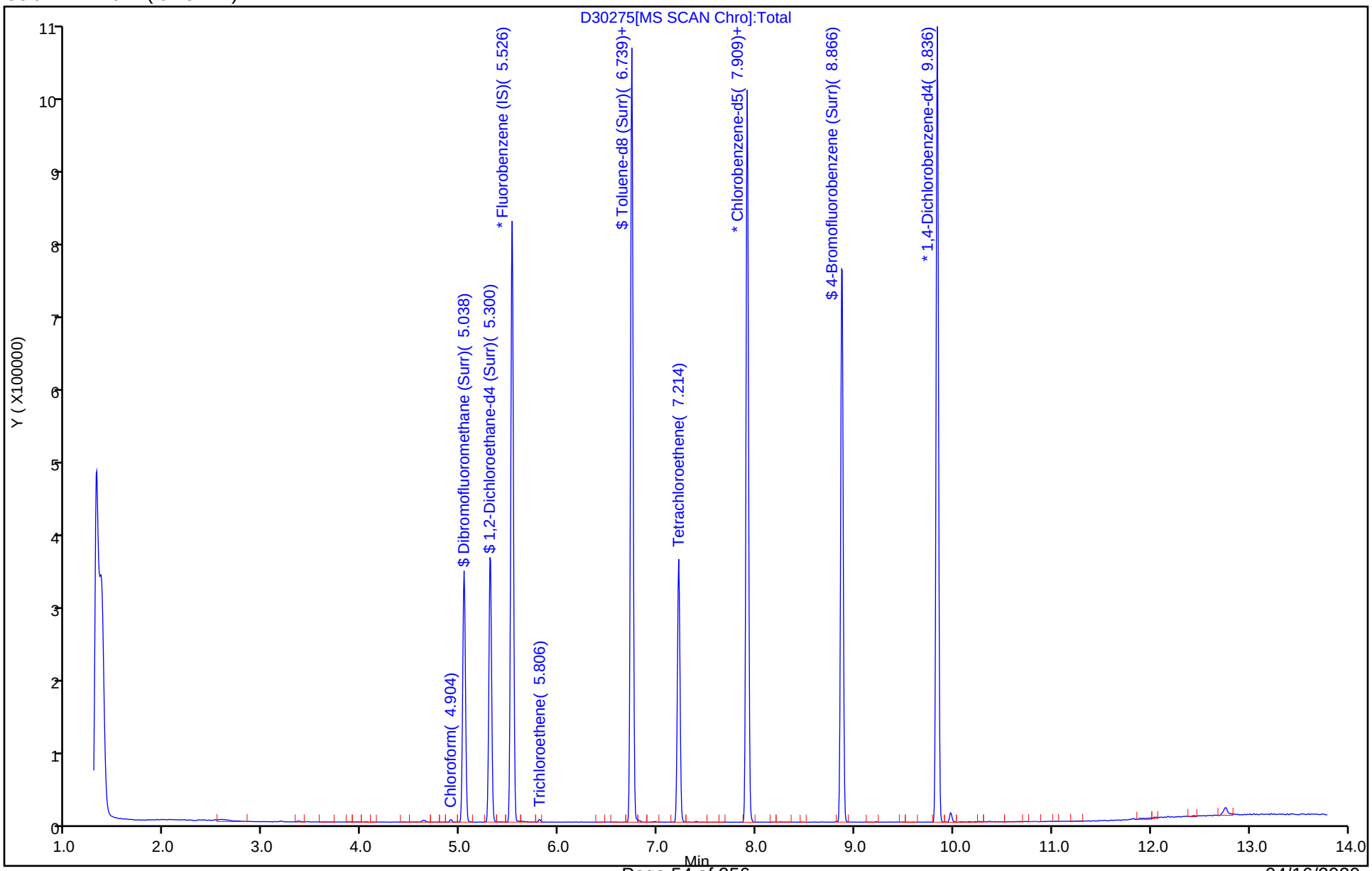
Report Date: 13-Apr-2020 11:02:54 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30275.D

Injection Date:	10-Apr-2020 17:29:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-1	Lab Sample ID:	480-168458-1	Worklist Smp#:	22
Client ID:	MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



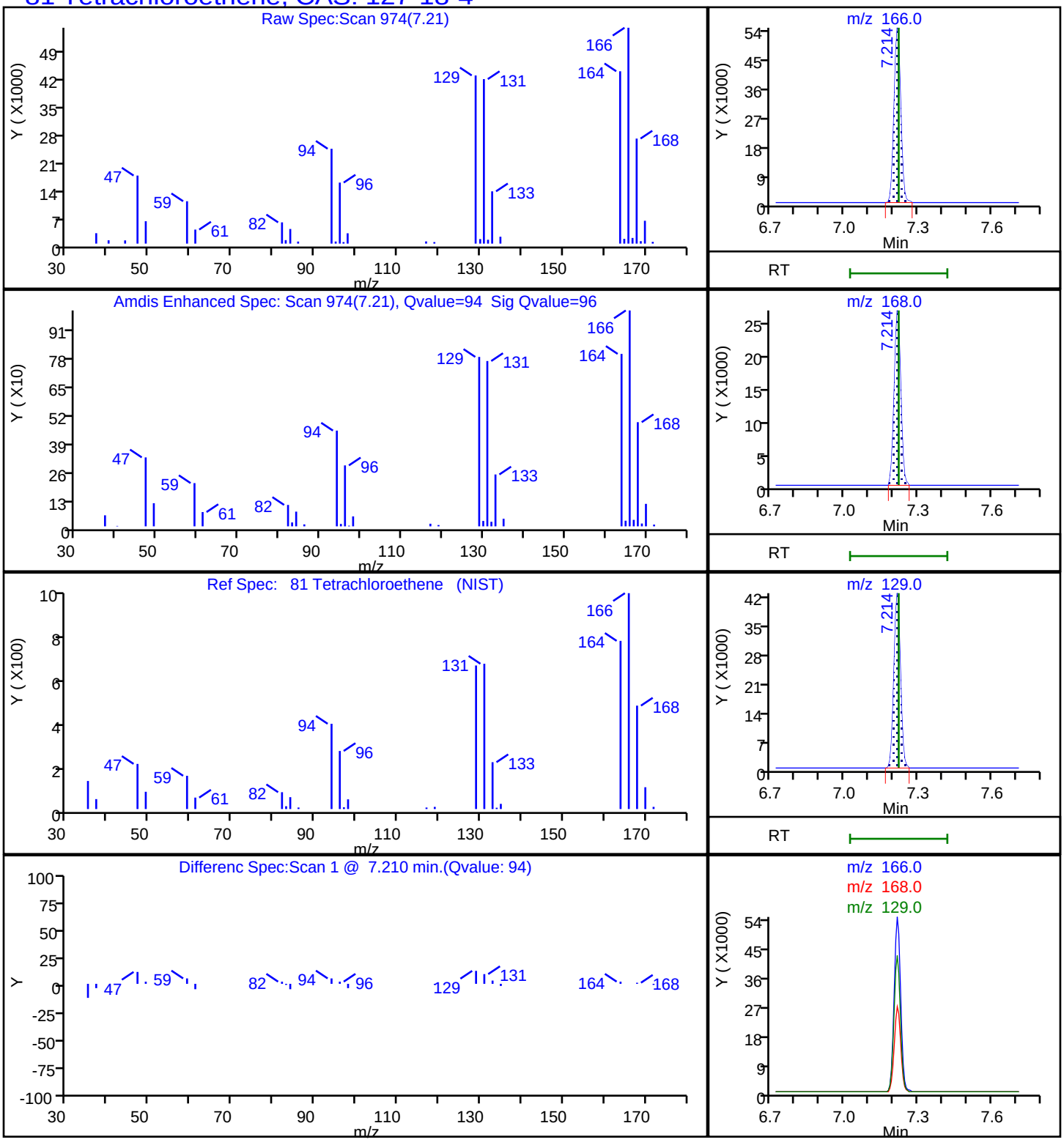
Report Date: 13-Apr-2020 11:02:54 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30275.D

Injection Date:	10-Apr-2020 17:29:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-1	Lab Sample ID:	480-168458-1
Client ID:	MW-2		
Operator ID:	LH	ALS Bottle#:	17 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



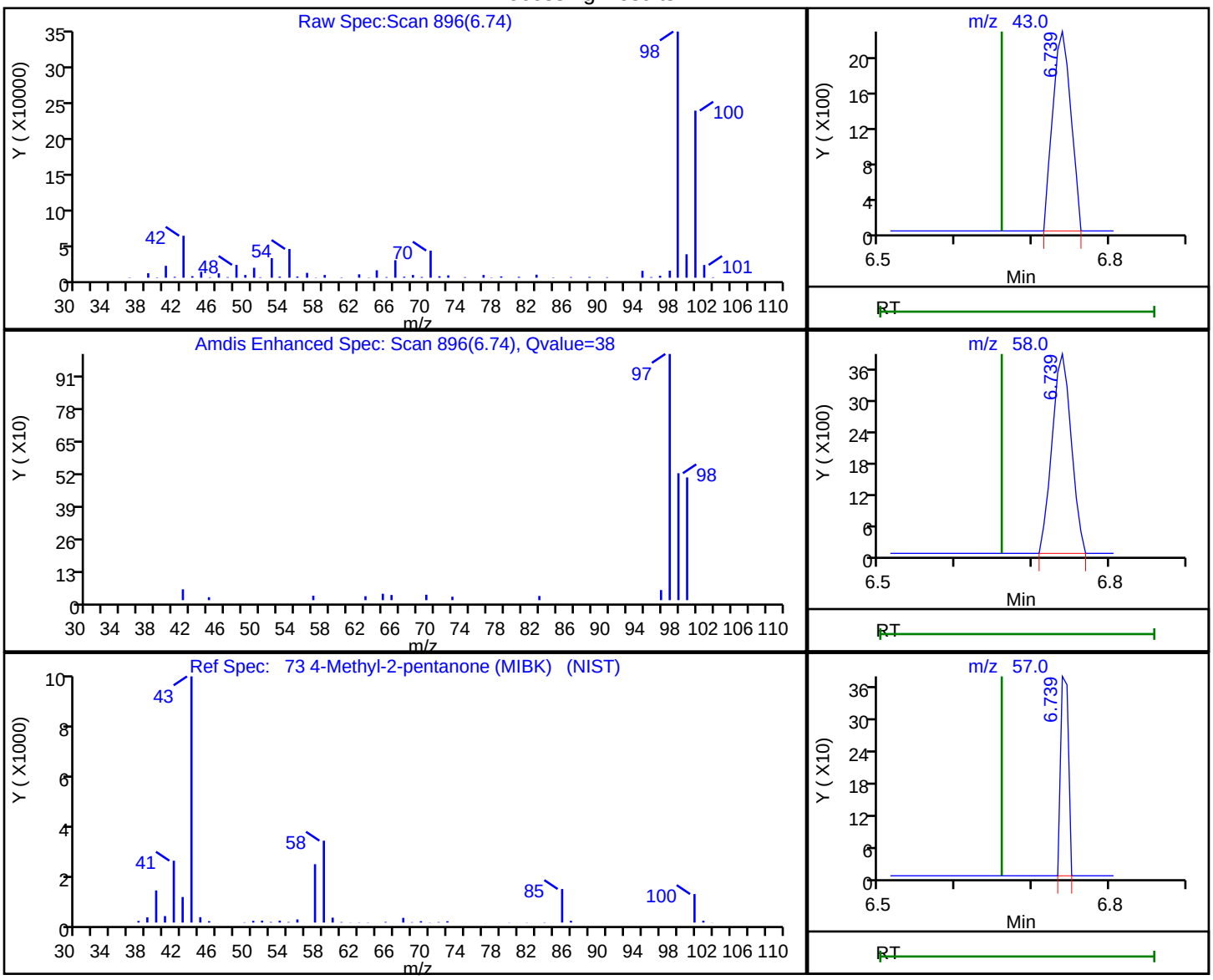
User Disabled Compound Report

Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30275.D				
Injection Date:	10-Apr-2020 17:29:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-1	Lab Sample ID:	480-168458-1		
Client ID:	MW-2				
Operator ID:	LH	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3661	0.418085
6.74	58.00	6721	
6.74	57.00	269	

Reviewer: HillL, 13-Apr-2020 11:02:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-3 Lab Sample ID: 480-168458-2

Matrix: Water Lab File ID: D30276.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:50

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 17:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-3 Lab Sample ID: 480-168458-2

Matrix: Water Lab File ID: D30276.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:50

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 17:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	35		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	5.5		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30276.D
Lims ID: 480-168458-A-2
Client ID: MW-3
Sample Type: Client
Inject. Date: 10-Apr-2020 17:52:30 ALS Bottle#: 18 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-168458-A-2
Misc. Info.: 480-0089479-023
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:02:54 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:03:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.526	5.532	-0.006	98	124404	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	285466	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	97	281030	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.033	-0.006	93	196461	26.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	109157	26.3	
$ 5 Toluene-d8 (Surr)	98	6.739	6.734	-0.006	95	635082	24.0	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.859	0.000	92	216490	24.2	
10 Dichlorodifluoromethane	85		1.514				ND	
12 Chloromethane	50		1.733				ND	
13 Vinyl chloride	62		1.849				ND	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.300				ND	
17 Trichlorofluoromethane	101		2.569				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056				ND	
22 1,1-Dichloroethene	96		3.081				ND	
23 Acetone	43		3.178				ND	
26 Carbon disulfide	76		3.300				ND	
27 Methyl acetate	43		3.459				ND	
30 Methylene Chloride	84		3.593				ND	
32 Methyl tert-butyl ether	73		3.751				ND	
34 trans-1,2-Dichloroethene	96		3.776				ND	
39 1,1-Dichloroethane	63		4.160				ND	
45 cis-1,2-Dichloroethene	96	4.642	4.647	-0.005	85	17388	2.39	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.013				ND	
52 Cyclohexane	56		5.019				ND	
55 Carbon tetrachloride	117		5.129				ND	
57 Benzene	78		5.312				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.800	5.812	-0.012	95	39154	5.48	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.909				ND	
65 1,2-Dichloropropane	63		6.013				ND	
68 Dichlorobromomethane	83		6.239				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659				ND	
74 Toluene	92		6.799				ND	
77 trans-1,3-Dichloropropene	75		7.007				ND	
79 1,1,2-Trichloroethane	83		7.165				ND	
81 Tetrachloroethene	166	7.214	7.209	-0.006	94	269839	34.5	
80 2-Hexanone	43		7.318				ND	
83 Chlorodibromomethane	129		7.488				ND	
84 Ethylene Dibromide	107		7.580				ND	
87 Chlorobenzene	112		7.939				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.439				ND	
95 Bromoform	173		8.659				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.019				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.866				ND	
116 1,2-Dichlorobenzene	146		10.195				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

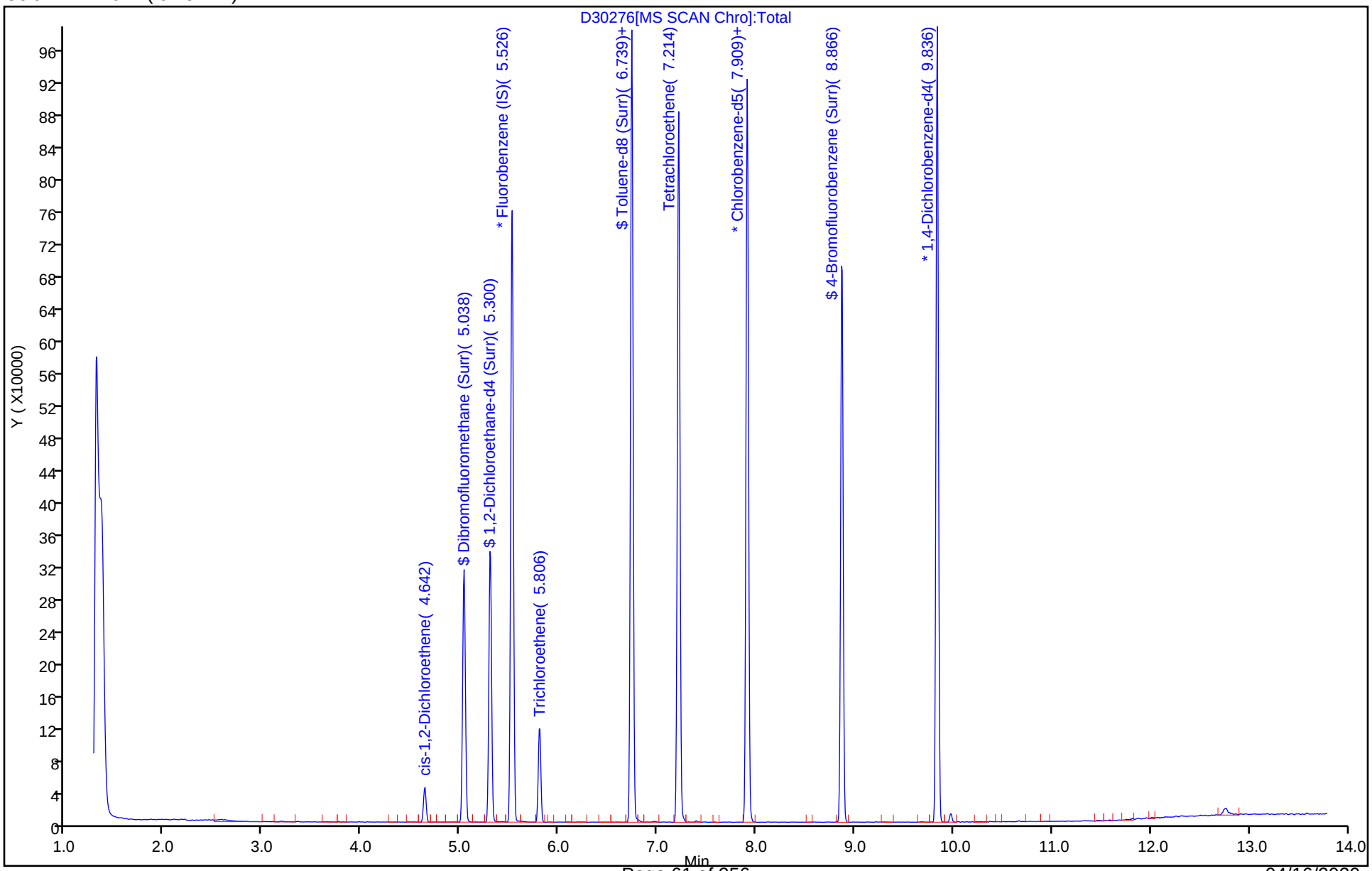
Report Date: 13-Apr-2020 11:03:07 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30276.D

Injection Date:	10-Apr-2020 17:52:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-2	Lab Sample ID:	480-168458-2	Worklist Smp#:	23
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

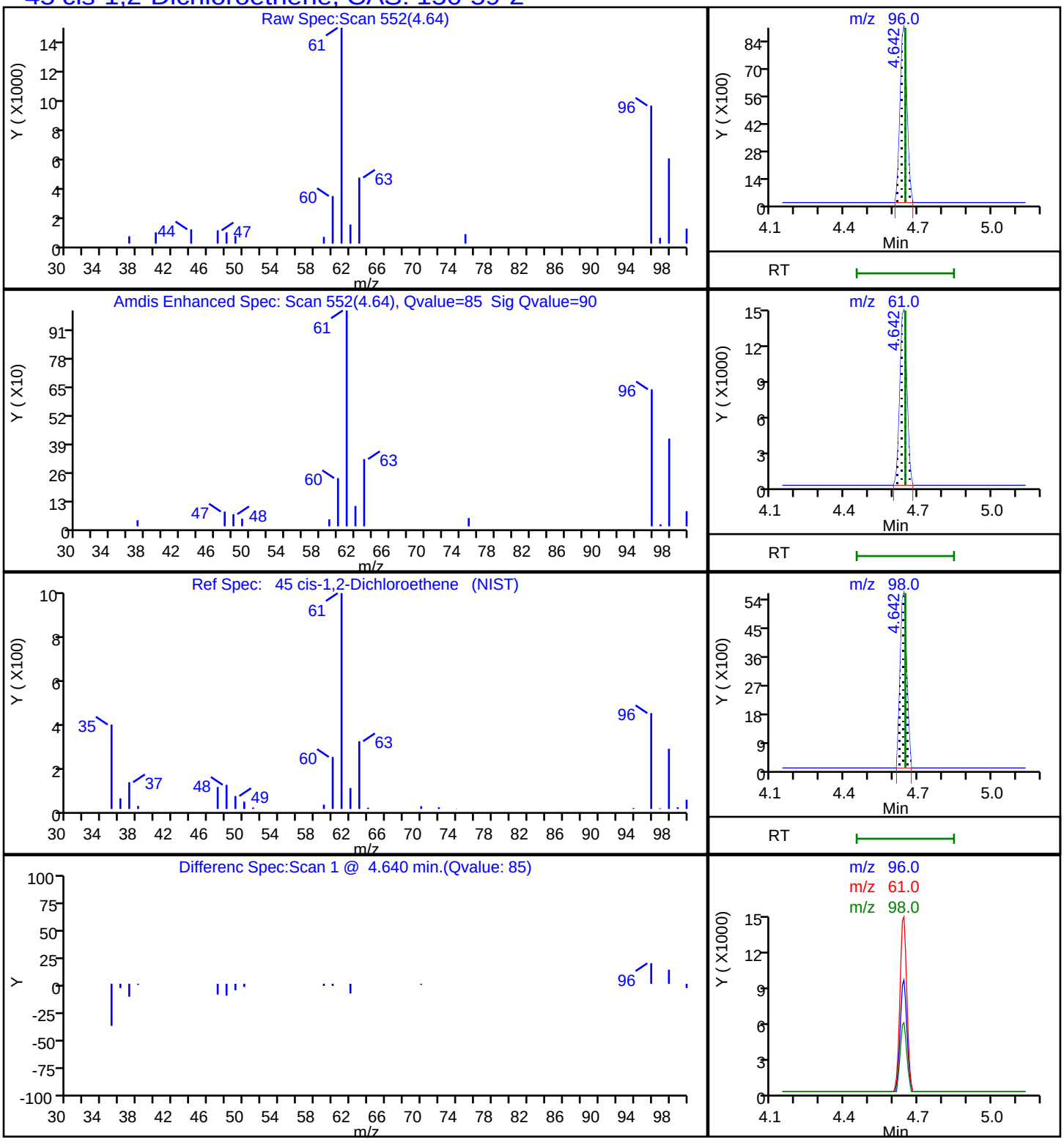
Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30276.D				
Injection Date:	10-Apr-2020 17:52:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-2	Lab Sample ID:	480-168458-2		
Client ID:	MW-3				
Operator ID:	LH	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2



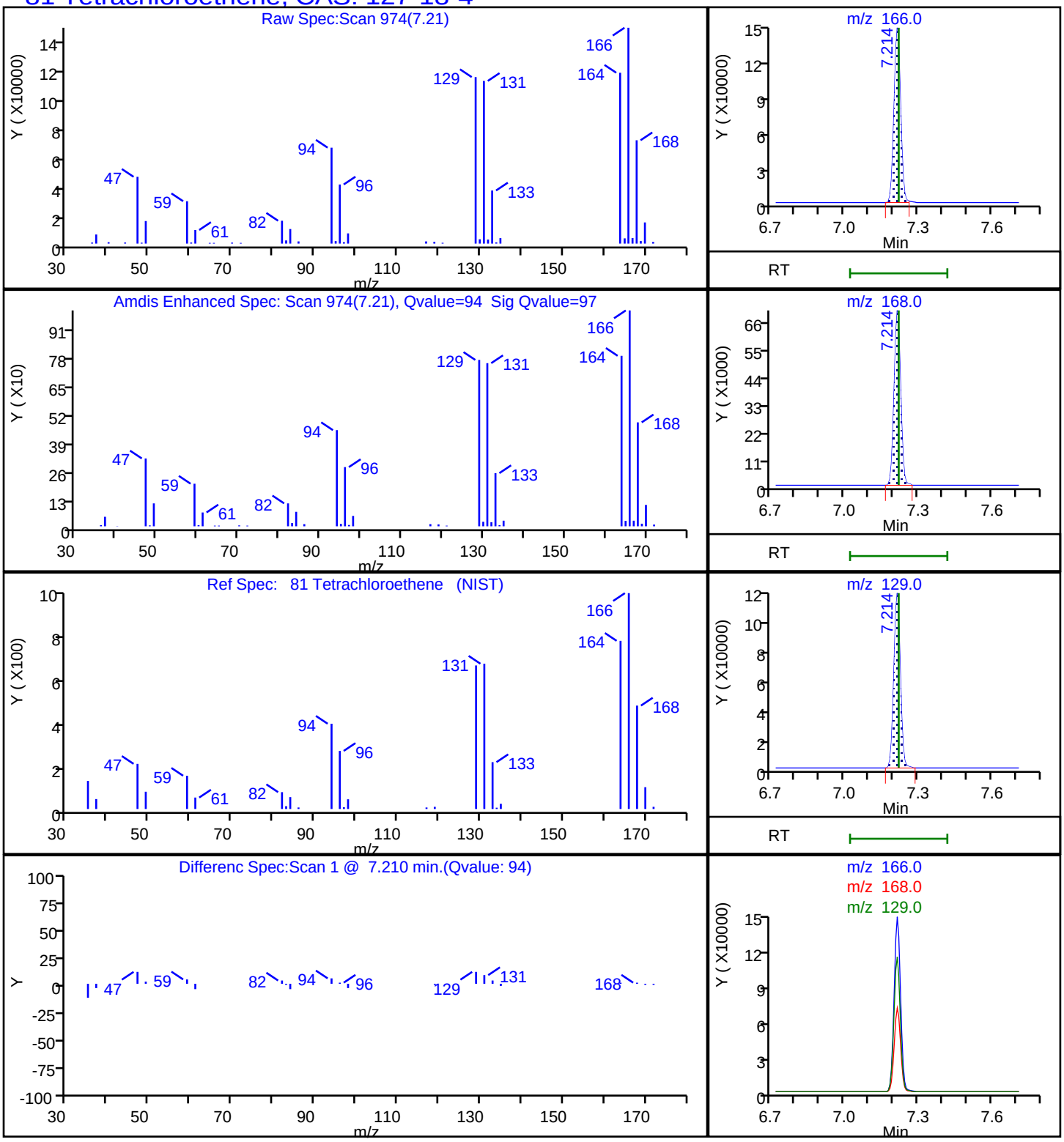
Report Date: 13-Apr-2020 11:03:07 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30276.D

Injection Date:	10-Apr-2020 17:52:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-2	Lab Sample ID:	480-168458-2		
Client ID:	MW-3				
Operator ID:	LH	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



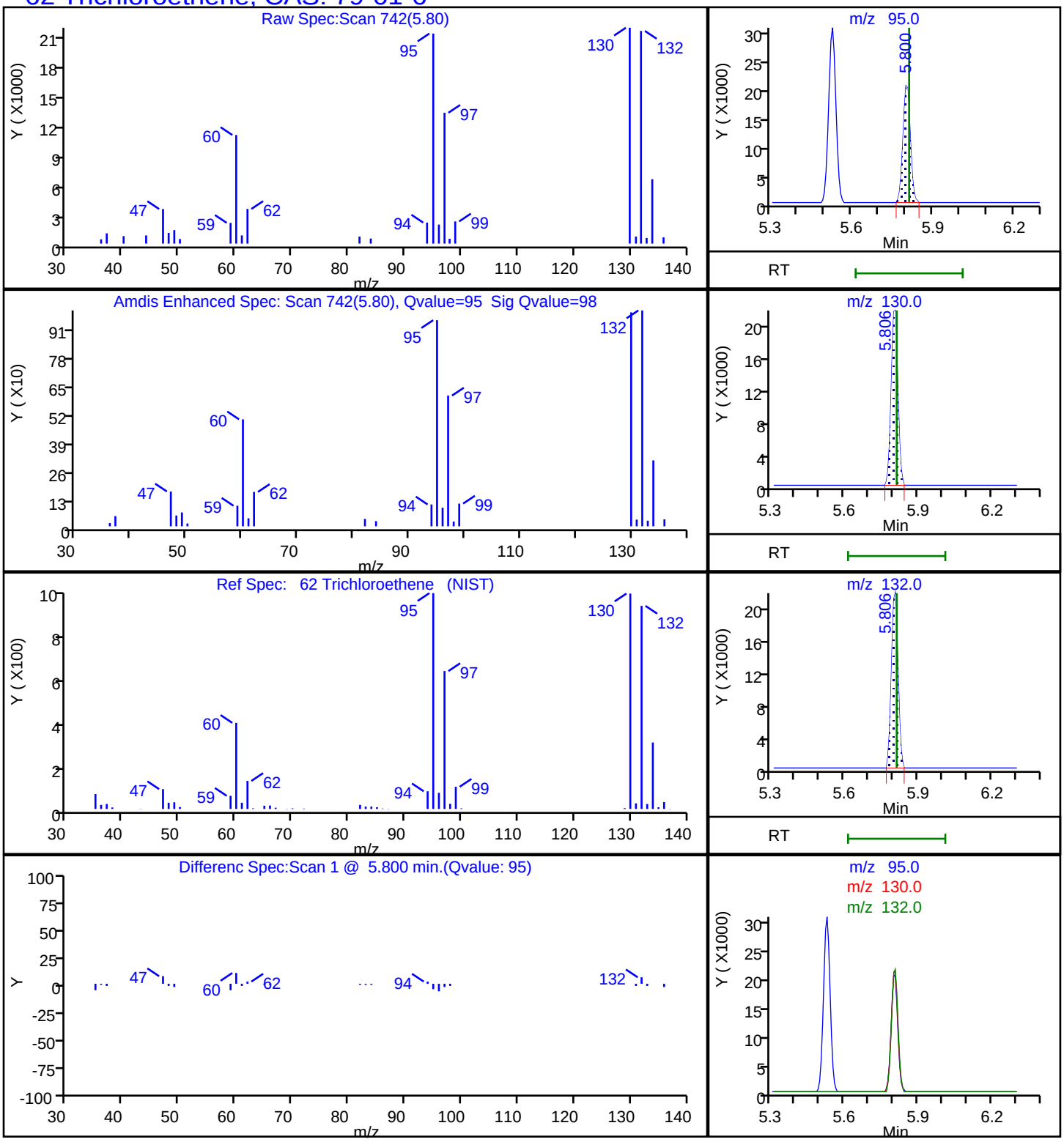
Report Date: 13-Apr-2020 11:03:07 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30276.D

Injection Date:	10-Apr-2020 17:52:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-2	Lab Sample ID:	480-168458-2
Client ID:	MW-3		
Operator ID:	LH	ALS Bottle#:	18 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

62 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-4 Lab Sample ID: 480-168458-3

Matrix: Water Lab File ID: D30277.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 18:15

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
591-78-6	2-Hexanone	ND		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Bromodichloromethane	ND		5.0	2.0
75-25-2	Bromoform	ND		5.0	1.3
74-83-9	Bromomethane	ND		5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Dibromochloromethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	130		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-4 Lab Sample ID: 480-168458-3

Matrix: Water Lab File ID: D30277.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 18:15

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		13	6.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	Trichloroethene	4.5	J	5.0	2.3
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	11		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30277.D
Lims ID: 480-168458-A-3
Client ID: MW-4
Sample Type: Client
Inject. Date: 10-Apr-2020 18:15:30 ALS Bottle#: 19 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-168458-A-3
Misc. Info.: 480-0089479-024
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:02:54 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:03:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.525	5.532	-0.007	98	115262	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	276391	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	265393	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.033	-0.006	93	176588	25.2	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	102106	26.5	
$ 5 Toluene-d8 (Surr)	98	6.739	6.734	-0.006	95	616612	24.1	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.859	0.000	92	209870	24.2	
10 Dichlorodifluoromethane	85		1.514				ND	
12 Chloromethane	50		1.733				ND	
13 Vinyl chloride	62	1.849	1.849	0.000	96	11790	2.17	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.300				ND	
17 Trichlorofluoromethane	101		2.569				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056				ND	
22 1,1-Dichloroethene	96		3.081				ND	
23 Acetone	43		3.178				ND	
26 Carbon disulfide	76		3.300				ND	
27 Methyl acetate	43		3.459				ND	
30 Methylene Chloride	84		3.593				ND	
32 Methyl tert-butyl ether	73		3.751				ND	
34 trans-1,2-Dichloroethene	96		3.776				ND	
39 1,1-Dichloroethane	63		4.160				ND	
45 cis-1,2-Dichloroethene	96	4.641	4.647	-0.006	85	173132	25.7	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.013				ND	
52 Cyclohexane	56		5.019				ND	
55 Carbon tetrachloride	117		5.129				ND	
57 Benzene	78		5.312				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.800	5.812	-0.012	93	5899	0.8919	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.909				ND	
65 1,2-Dichloropropane	63		6.013				ND	
68 Dichlorobromomethane	83		6.239				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659				ND	
74 Toluene	92		6.799				ND	
77 trans-1,3-Dichloropropene	75		7.007				ND	
79 1,1,2-Trichloroethane	83		7.165				ND	
81 Tetrachloroethene	166		7.220				ND	
80 2-Hexanone	43		7.318				ND	
83 Chlorodibromomethane	129		7.488				ND	
84 Ethylene Dibromide	107		7.580				ND	
87 Chlorobenzene	112		7.939				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.439				ND	
95 Bromoform	173		8.659				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.019				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.866				ND	
116 1,2-Dichlorobenzene	146		10.195				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

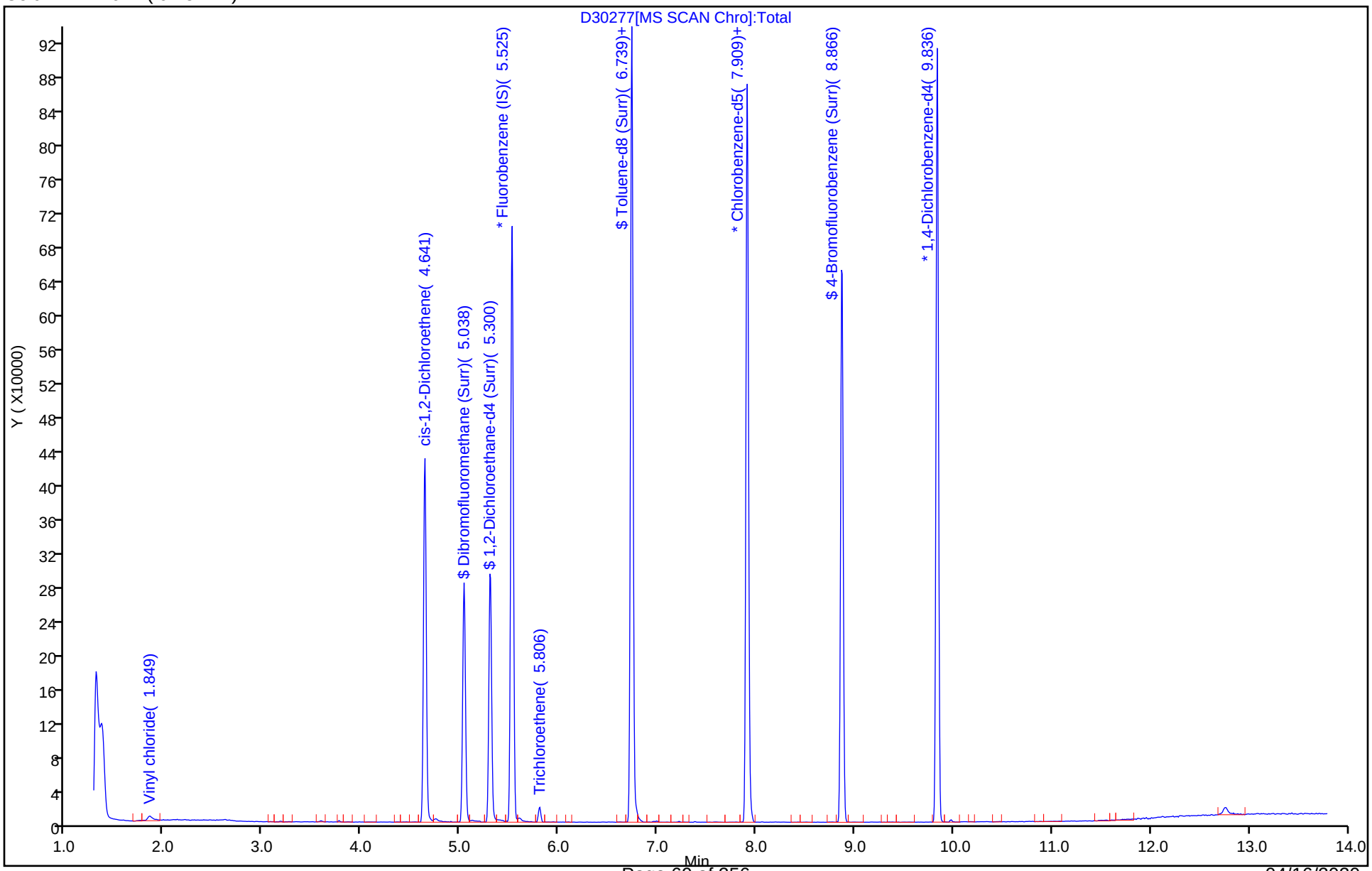
Report Date: 13-Apr-2020 11:03:21 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30277.D

Injection Date:	10-Apr-2020 18:15:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-3	Lab Sample ID:	480-168458-3	Worklist Smp#:	24
Client ID:	MW-4				
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	19
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



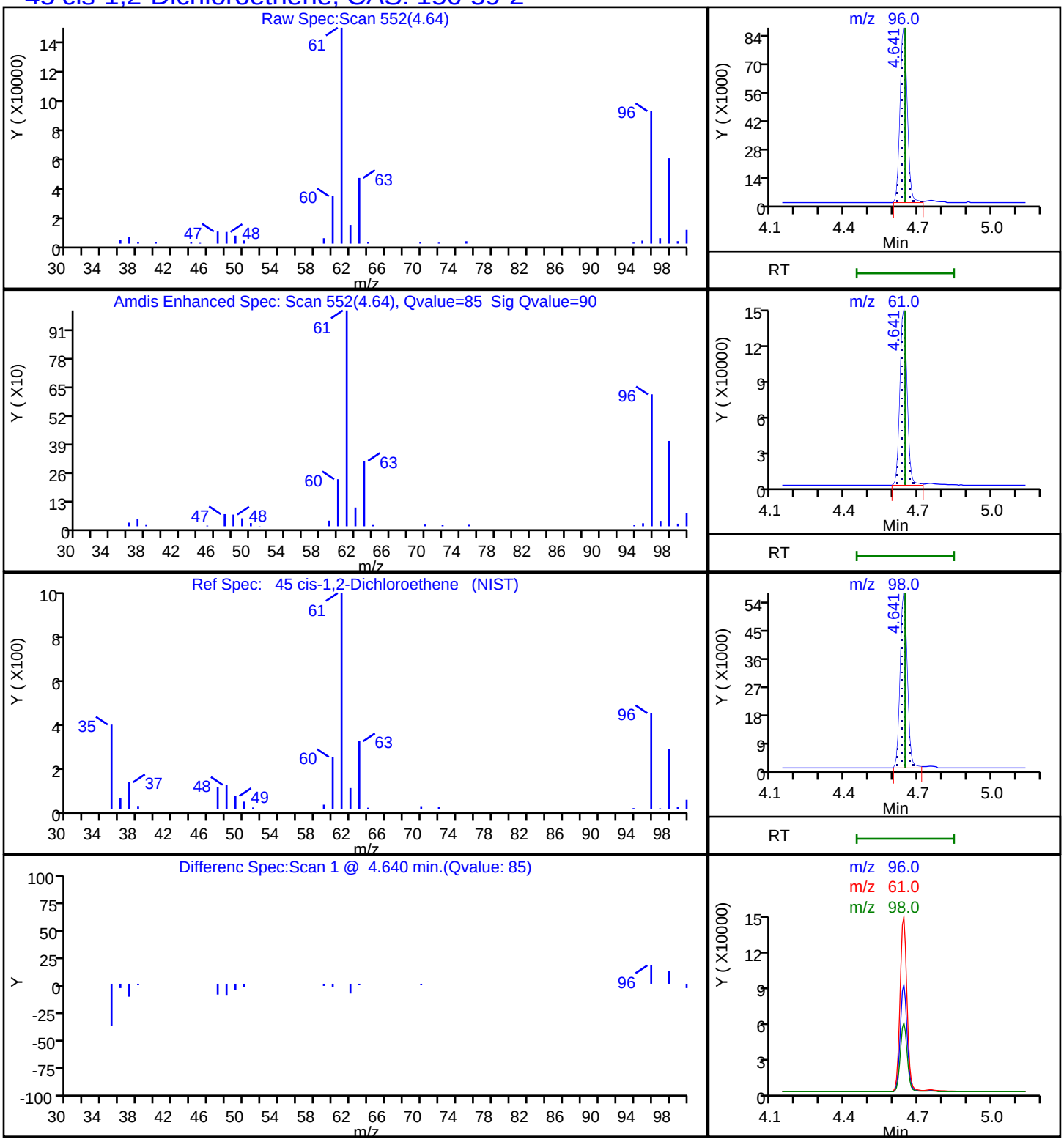
Report Date: 13-Apr-2020 11:03:21 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30277.D

Injection Date:	10-Apr-2020 18:15:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-3	Lab Sample ID:	480-168458-3		
Client ID:	MW-4				
Operator ID:	LH	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2



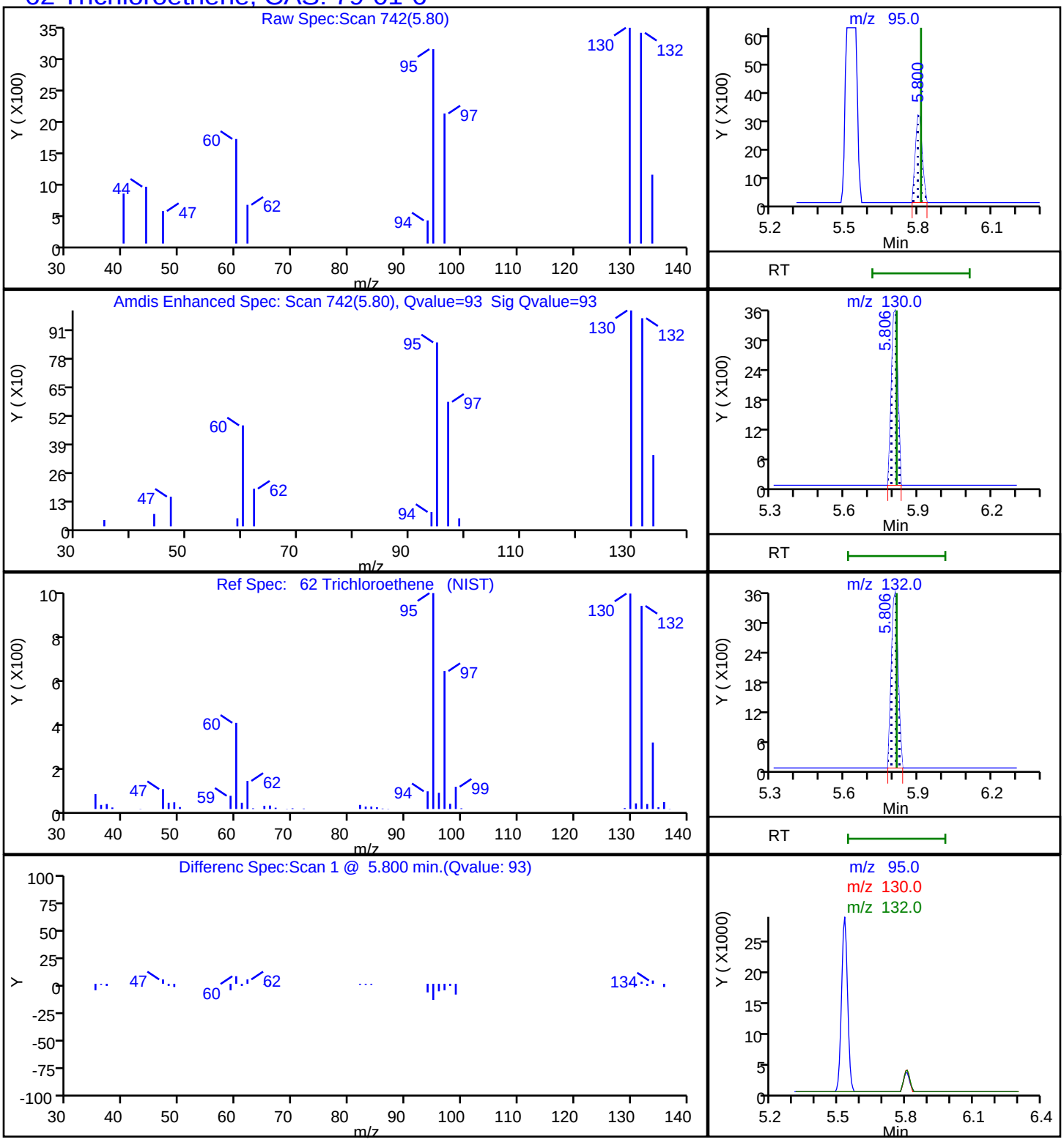
Report Date: 13-Apr-2020 11:03:21 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30277.D

Injection Date:	10-Apr-2020 18:15:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-3	Lab Sample ID:	480-168458-3
Client ID:	MW-4		
Operator ID:	LH	ALS Bottle#:	19 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	5.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

62 Trichloroethene, CAS: 79-01-6

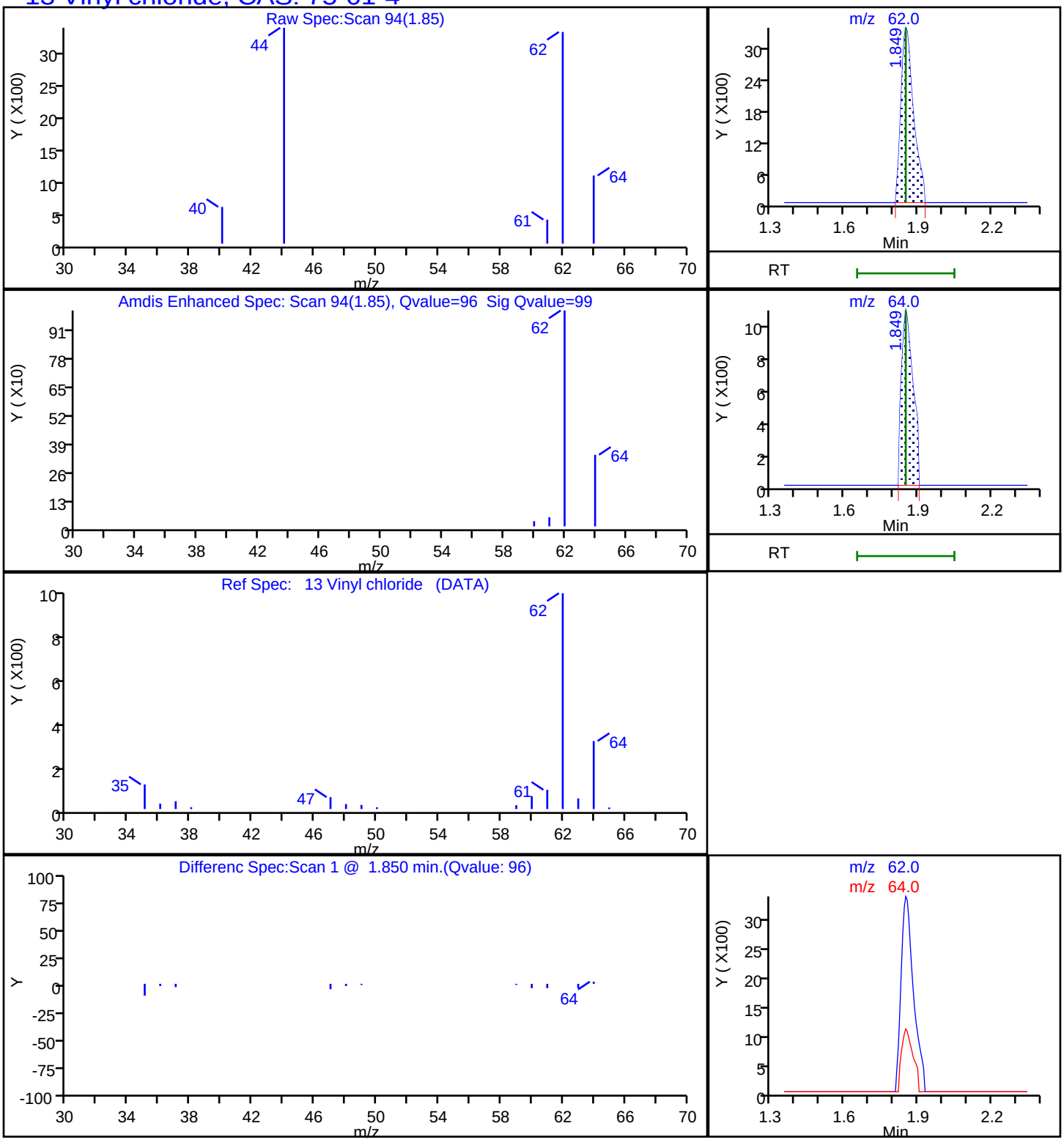


Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30277.D

Injection Date:	10-Apr-2020 18:15:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-3	Lab Sample ID:	480-168458-3		
Client ID:	MW-4				
Operator ID:	LH	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

13 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 480-168458-4

Matrix: Water Lab File ID: D30278.D

Analysis Method: 8260C Date Collected: 04/09/2020 09:15

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 18:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	6.5		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 480-168458-4

Matrix: Water Lab File ID: D30278.D

Analysis Method: 8260C Date Collected: 04/09/2020 09:15

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 18:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	21		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	3.7		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	5.0		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30278.D
Lims ID: 480-168458-A-4
Client ID: MW-5
Sample Type: Client
Inject. Date: 10-Apr-2020 18:38:30 ALS Bottle#: 20 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-168458-A-4
Misc. Info.: 480-0089479-025
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:02:54 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:03:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.526	5.532	-0.006	98	123698	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	278862	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	283751	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.033	-0.006	92	196132	26.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	109939	26.6	
$ 5 Toluene-d8 (Surr)	98	6.739	6.734	-0.006	95	626475	24.3	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.859	-0.006	90	213313	24.4	
10 Dichlorodifluoromethane	85		1.514				ND	
12 Chloromethane	50		1.733				ND	
13 Vinyl chloride	62	1.849	1.849	0.000	97	30782	5.01	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.300				ND	
17 Trichlorofluoromethane	101		2.569				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056				ND	
22 1,1-Dichloroethene	96		3.081				ND	
23 Acetone	43	3.178	3.178	0.000	99	4671	2.28	
26 Carbon disulfide	76		3.300				ND	
27 Methyl acetate	43		3.459				ND	
30 Methylene Chloride	84		3.593				ND	
32 Methyl tert-butyl ether	73		3.751				ND	
34 trans-1,2-Dichloroethene	96		3.776				ND	
39 1,1-Dichloroethane	63		4.160				ND	
45 cis-1,2-Dichloroethene	96	4.642	4.647	-0.005	92	47083	6.51	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.013				ND	
52 Cyclohexane	56		5.019				ND	
55 Carbon tetrachloride	117		5.129				ND	
57 Benzene	78		5.312				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.800	5.812	-0.012	95	26442	3.73	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.909				ND	
65 1,2-Dichloropropane	63		6.013				ND	
68 Dichlorobromomethane	83		6.239				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659				ND	
74 Toluene	92	6.794	6.789	-0.005	94	2359	0.1380	
77 trans-1,3-Dichloropropene	75		7.007				ND	
79 1,1,2-Trichloroethane	83		7.165				ND	
81 Tetrachloroethene	166	7.214	7.209	-0.006	97	162613	21.3	
80 2-Hexanone	43		7.318				ND	
83 Chlorodibromomethane	129		7.488				ND	
84 Ethylene Dibromide	107		7.580				ND	
87 Chlorobenzene	112		7.939				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.439				ND	
95 Bromoform	173		8.659				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.019				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.866				ND	
116 1,2-Dichlorobenzene	146		10.195				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

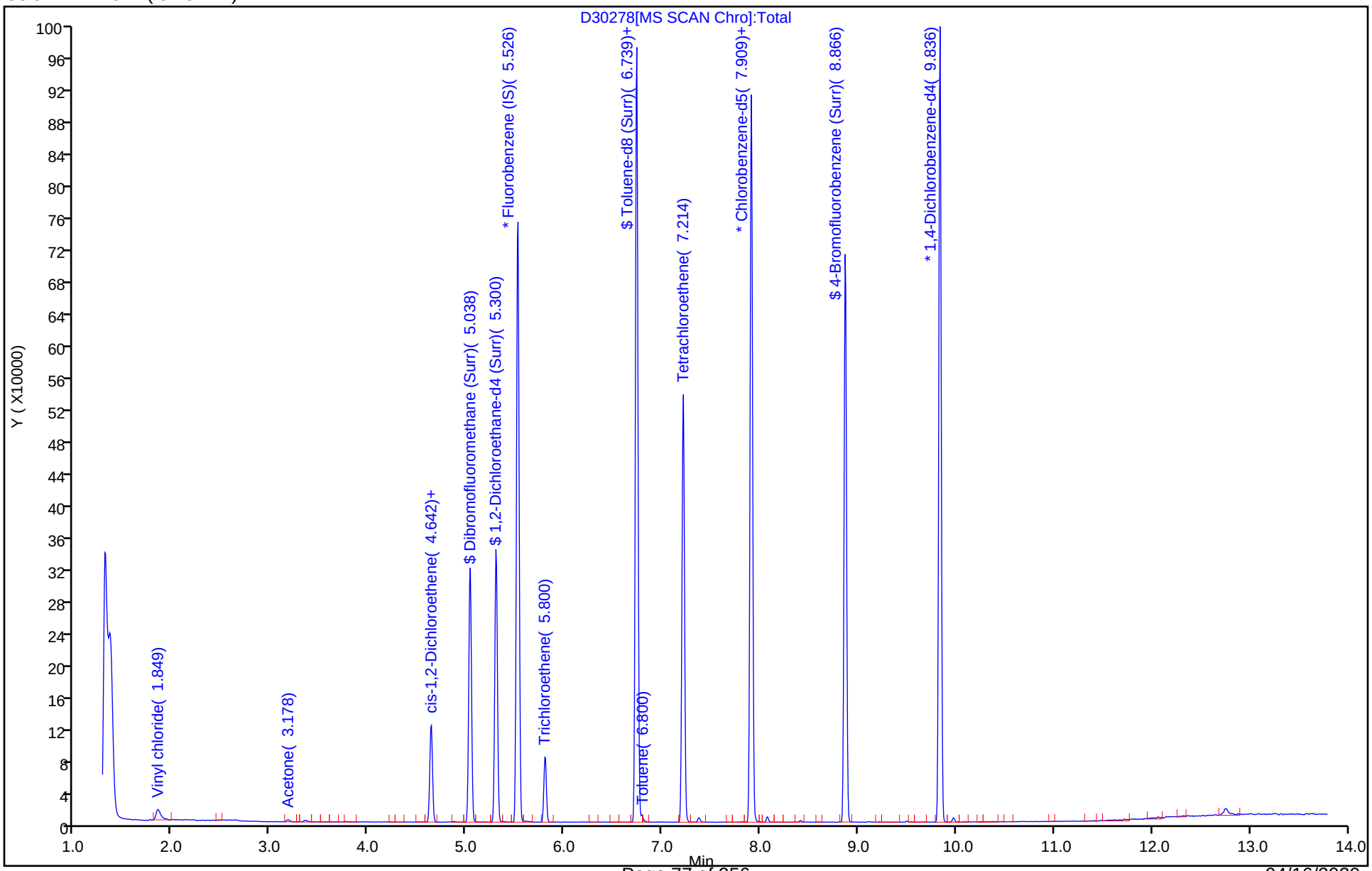
Report Date: 13-Apr-2020 11:03:38 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30278.D

Injection Date:	10-Apr-2020 18:38:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-4	Lab Sample ID:	480-168458-4	Worklist Smp#:	25
Client ID:	MW-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



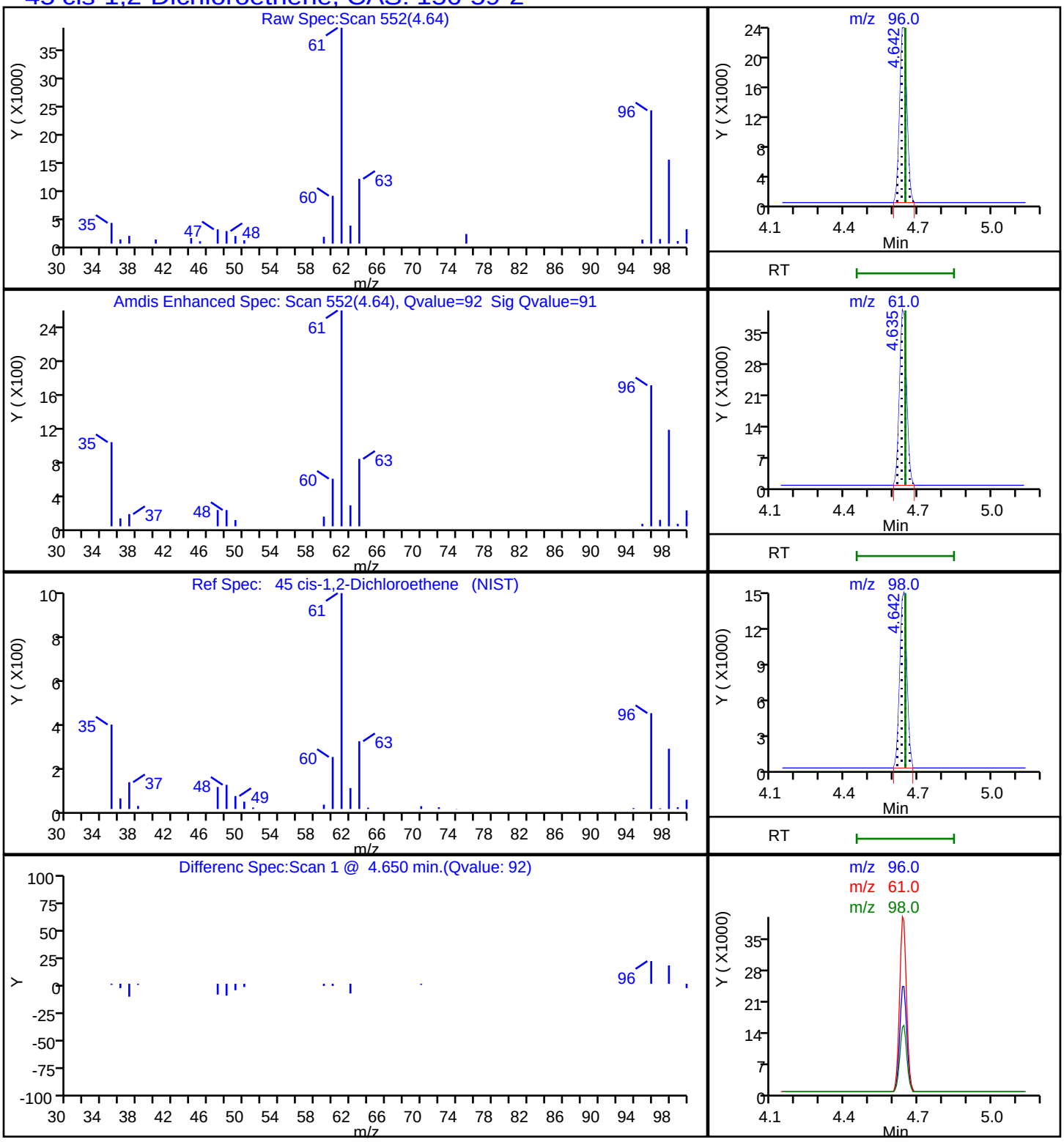
Report Date: 13-Apr-2020 11:03:38 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30278.D

Injection Date:	10-Apr-2020 18:38:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-4	Lab Sample ID:	480-168458-4		
Client ID:	MW-5				
Operator ID:	LH	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2



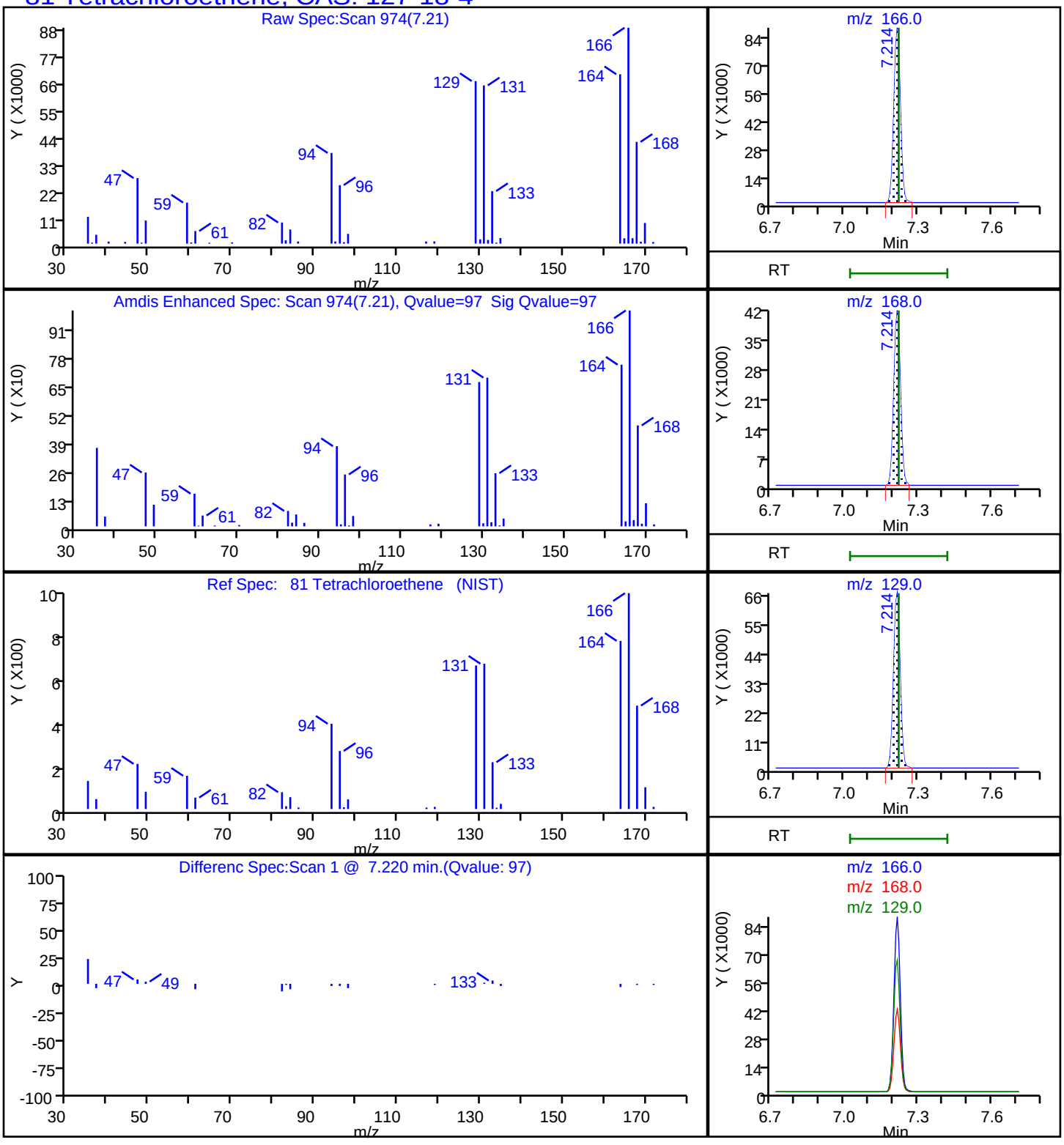
Report Date: 13-Apr-2020 11:03:38 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30278.D

Injection Date:	10-Apr-2020 18:38:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-4	Lab Sample ID:	480-168458-4		
Client ID:	MW-5				
Operator ID:	LH	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



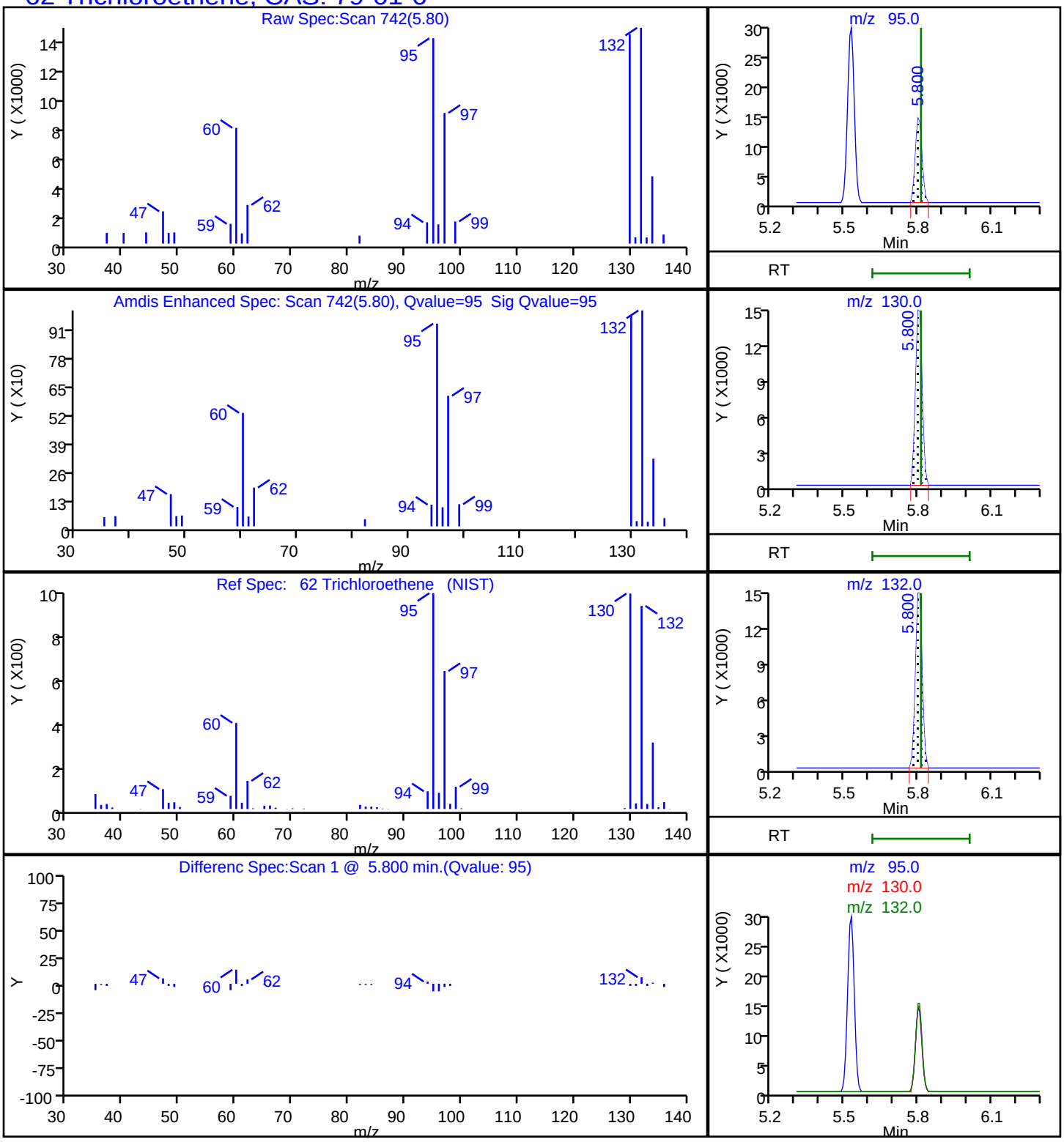
Report Date: 13-Apr-2020 11:03:38 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30278.D

Injection Date:	10-Apr-2020 18:38:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-4	Lab Sample ID:	480-168458-4
Client ID:	MW-5		
Operator ID:	LH	ALS Bottle#:	20 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

62 Trichloroethene, CAS: 79-01-6

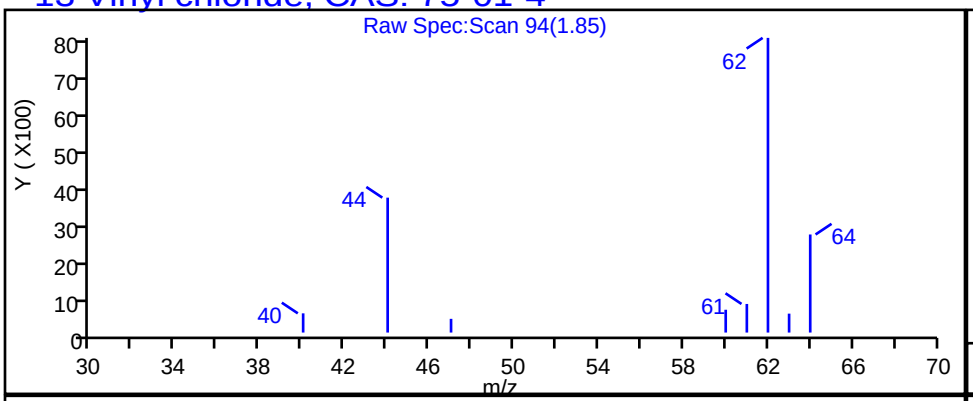


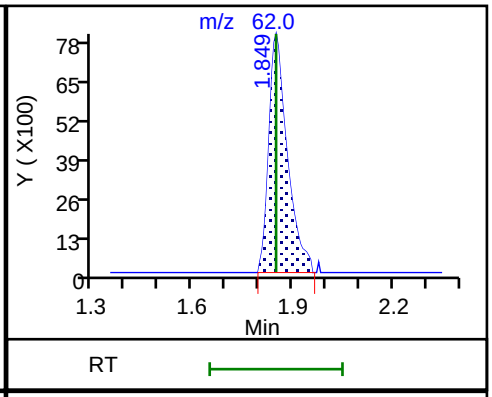
Eurofins TestAmerica, Buffalo

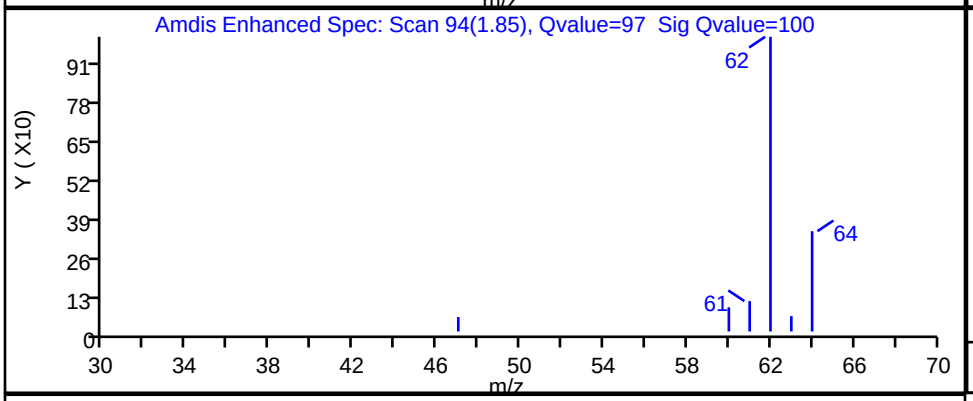
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30278.D

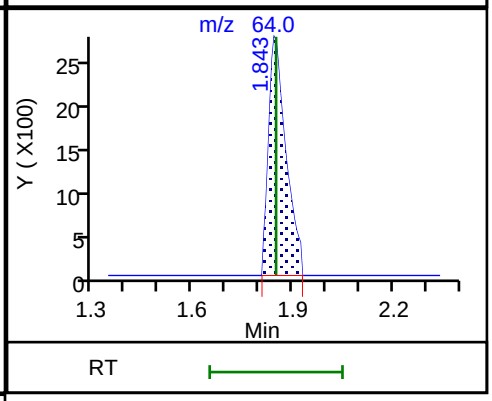
Injection Date:	10-Apr-2020 18:38:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-4	Lab Sample ID:	480-168458-4		
Client ID:	MW-5				
Operator ID:	LH	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

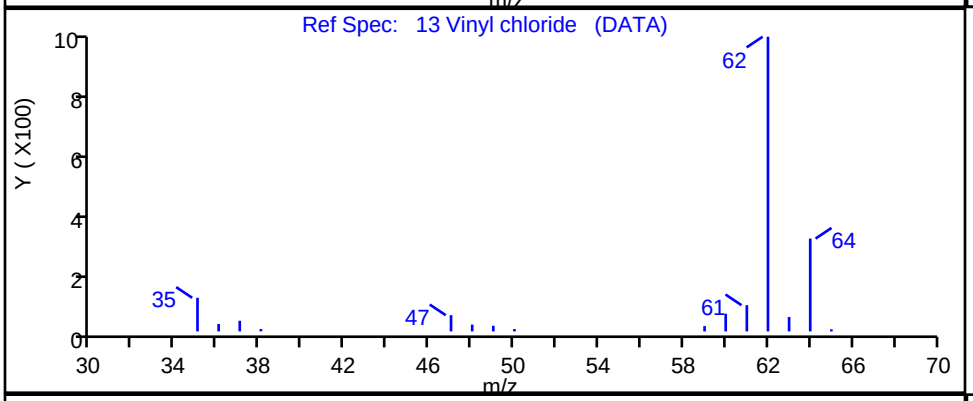
13 Vinyl chloride, CAS: 75-01-4

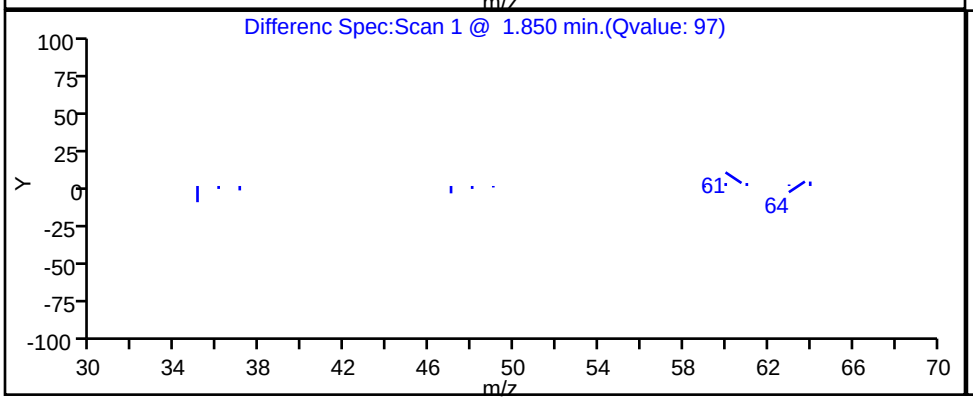


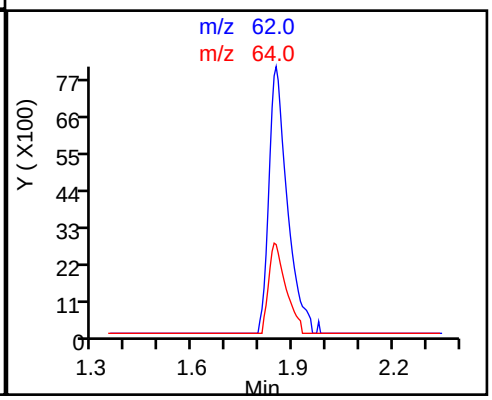












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-6R Lab Sample ID: 480-168458-5

Matrix: Water Lab File ID: D30279.D

Analysis Method: 8260C Date Collected: 04/09/2020 14:15

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 19:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	0.44	J	1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	*cis-1,2-Dichloroethene*	*230*	*E*	*1.0*	*0.81*
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-6R Lab Sample ID: 480-168458-5

Matrix: Water Lab File ID: D30279.D

Analysis Method: 8260C Date Collected: 04/09/2020 14:15

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 19:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.16	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	11		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	1.0		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	*Trichloroethene*	*210*	*E*	*1.0*	*0.46*
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1.4		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D
Lims ID: 480-168458-A-5
Client ID: MW-6R
Sample Type: Client
Inject. Date: 10-Apr-2020 19:01:30 ALS Bottle#: 21 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-168458-A-5
Misc. Info.: 480-0089479-026
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:04:50 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:04:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.525	5.532	-0.007	98	123510	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	274862	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.835	9.842	-0.007	97	272452	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.033	-0.006	92	193030	25.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	107104	26.0	
$ 5 Toluene-d8 (Surr)	98	6.739	6.734	-0.007	95	616884	24.2	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.859	-0.006	90	213820	24.8	
10 Dichlorodifluoromethane	85		1.514				ND	
12 Chloromethane	50		1.733				ND	
13 Vinyl chloride	62	1.843	1.849	-0.006	95	7891	1.43	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.300				ND	
17 Trichlorofluoromethane	101		2.569				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056				ND	
22 1,1-Dichloroethene	96	3.068	3.081	-0.013	94	2485	0.4376	
23 Acetone	43		3.178				ND	
26 Carbon disulfide	76		3.300				ND	U
27 Methyl acetate	43		3.459				ND	
30 Methylene Chloride	84		3.593				ND	
32 Methyl tert-butyl ether	73	3.745	3.751	-0.006	91	2639	0.1599	
34 trans-1,2-Dichloroethene	96	3.763	3.776	-0.013	92	6514	1.01	
39 1,1-Dichloroethane	63		4.160				ND	
45 cis-1,2-Dichloroethene	96	4.635	4.647	-0.012	85	1641463	227.4	E
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.013				ND	
52 Cyclohexane	56		5.019				ND	
55 Carbon tetrachloride	117		5.129				ND	
57 Benzene	78		5.312				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.800	5.812	-0.012	96	1495188	211.0	E

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.909				ND	
65 1,2-Dichloropropane	63		6.013				ND	
68 Dichlorobromomethane	83		6.239				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659				ND	
74 Toluene	92		6.799				ND	
77 trans-1,3-Dichloropropene	75		7.007				ND	
79 1,1,2-Trichloroethane	83		7.165				ND	
81 Tetrachloroethene	166	7.214	7.209	-0.006	94	80995	10.8	
80 2-Hexanone	43		7.318				ND	
83 Chlorodibromomethane	129		7.488				ND	
84 Ethylene Dibromide	107		7.580				ND	
87 Chlorobenzene	112		7.939				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.439				ND	
95 Bromoform	173		8.659				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.019				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.866				ND	
116 1,2-Dichlorobenzene	146		10.195				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

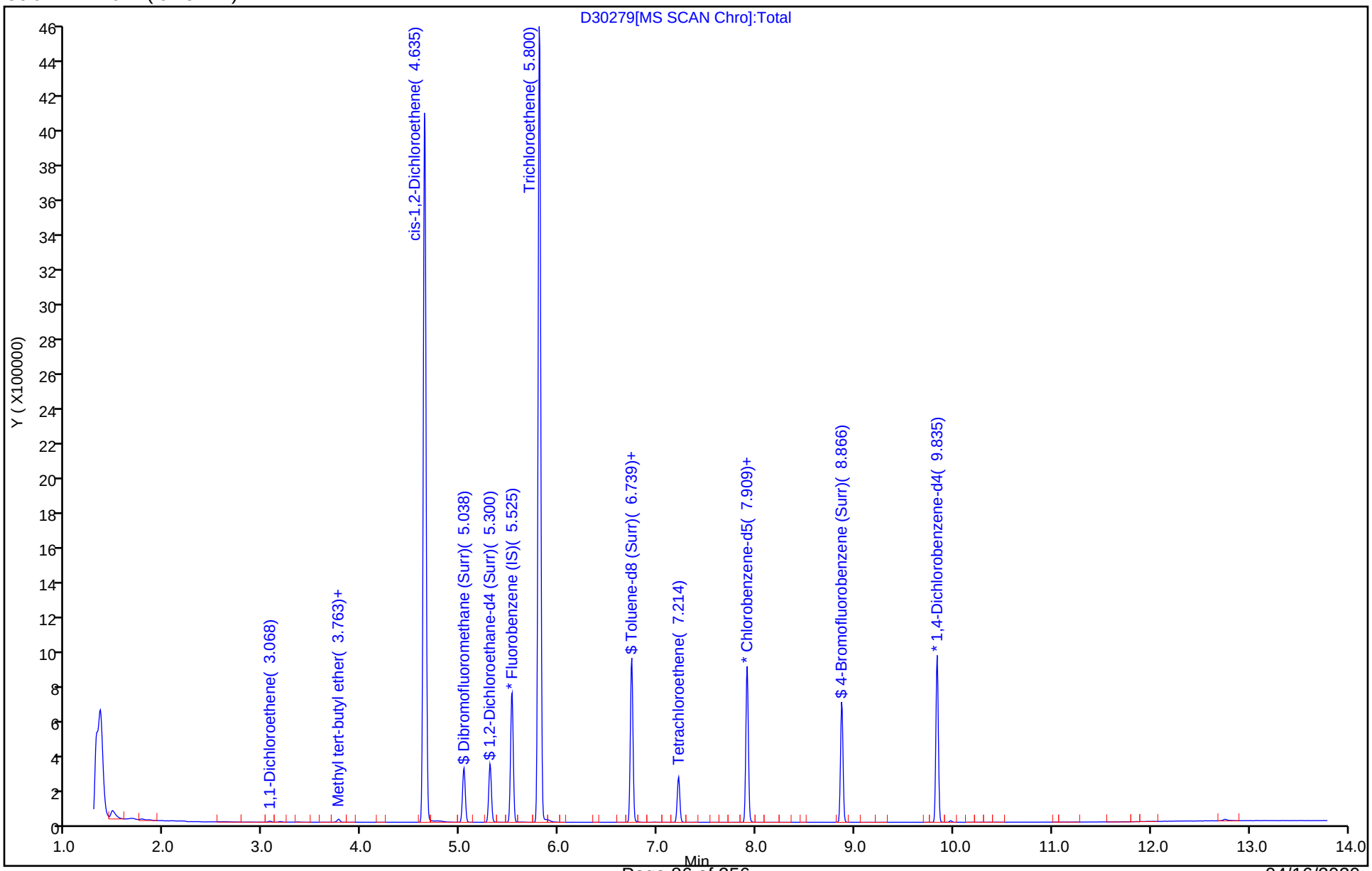
Report Date: 13-Apr-2020 11:04:50 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5	Worklist Smp#:	26
Client ID:	MW-6R				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

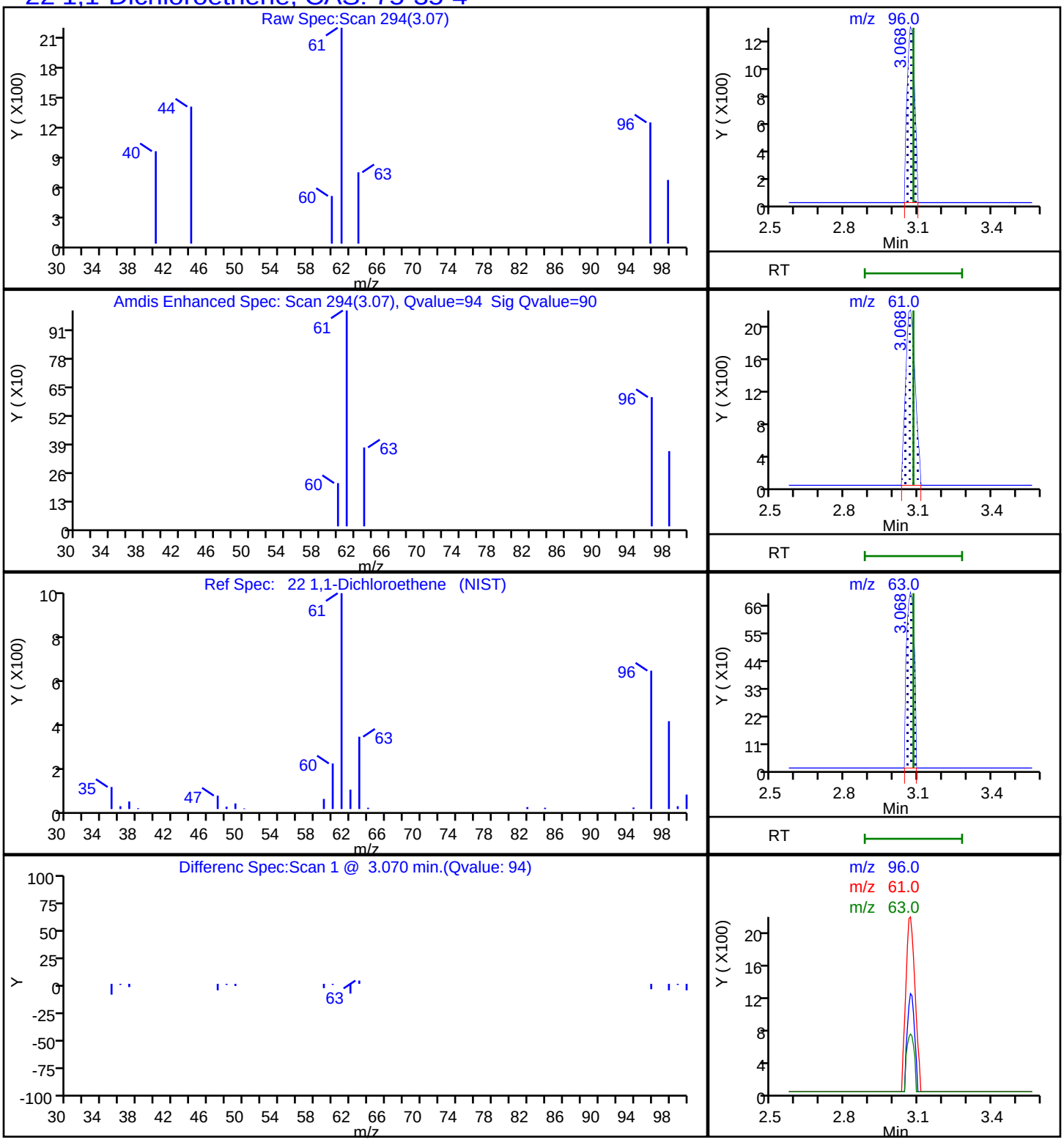


Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5
Client ID:	MW-6R		
Operator ID:	LH	ALS Bottle#:	21 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

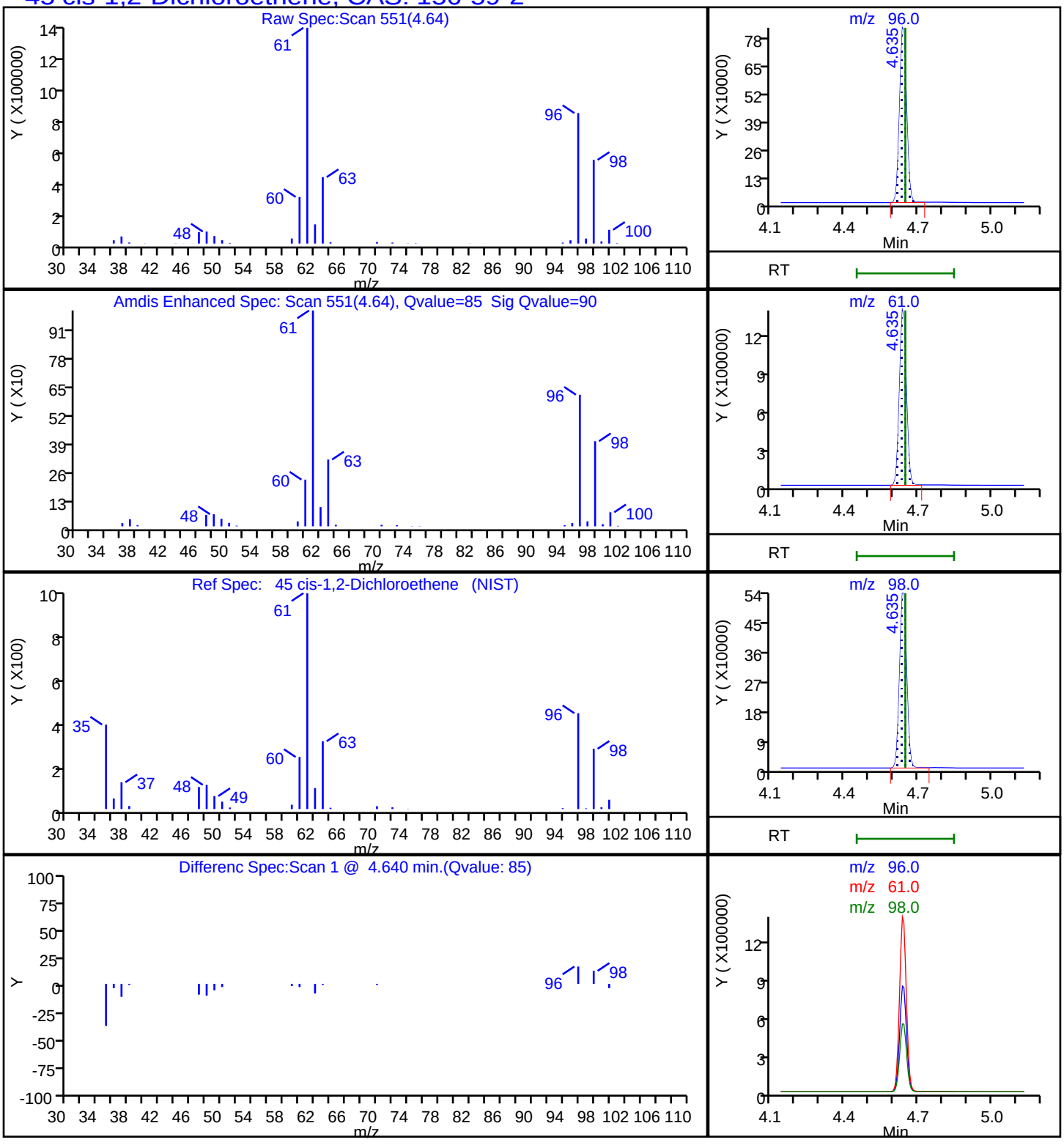


Report Date: 13-Apr-2020 11:04:50 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D				
Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2



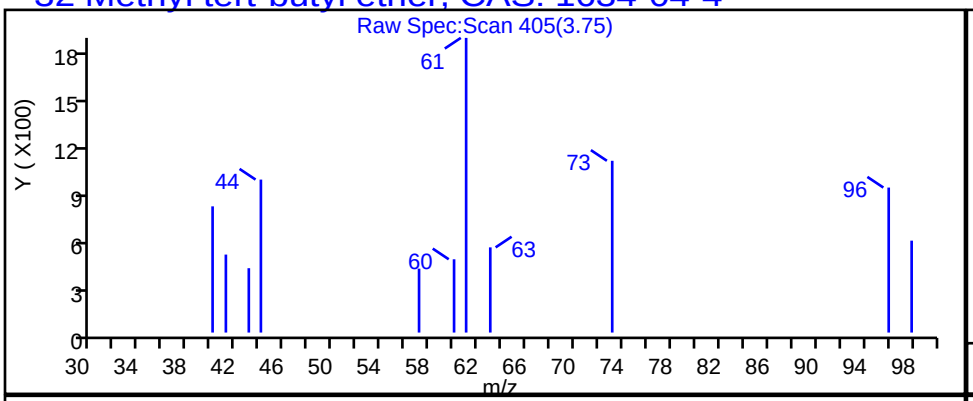
Report Date: 13-Apr-2020 11:04:50 Chrom Revision: 2.3 11-Mar-2020 18:53:20

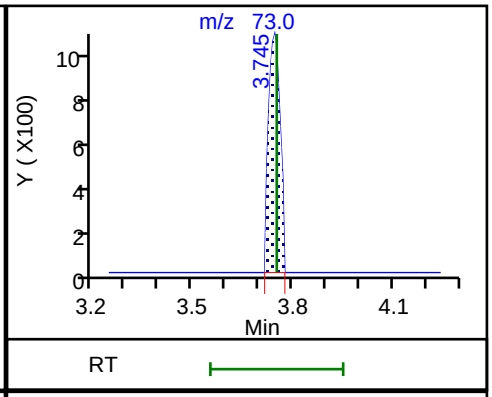
Eurofins TestAmerica, Buffalo

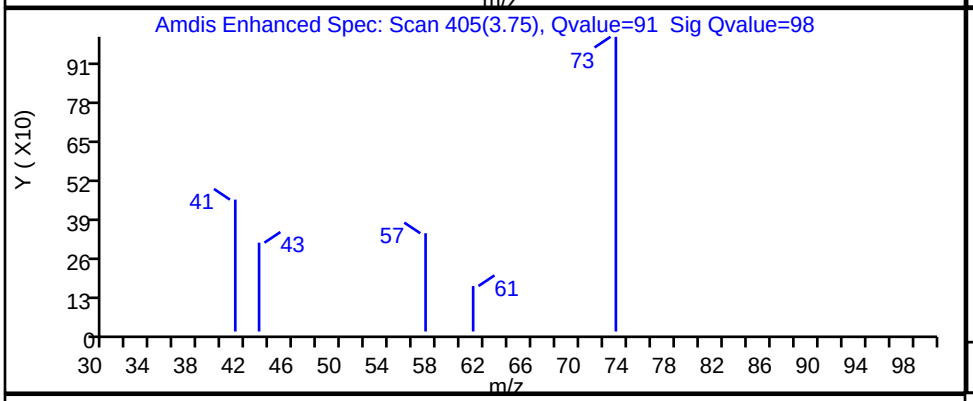
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

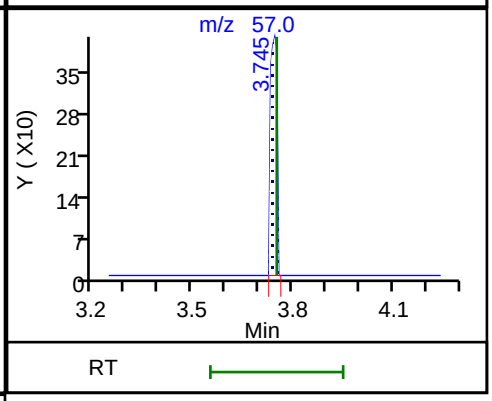
Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5
Client ID:	MW-6R		
Operator ID:	LH	ALS Bottle#:	21 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

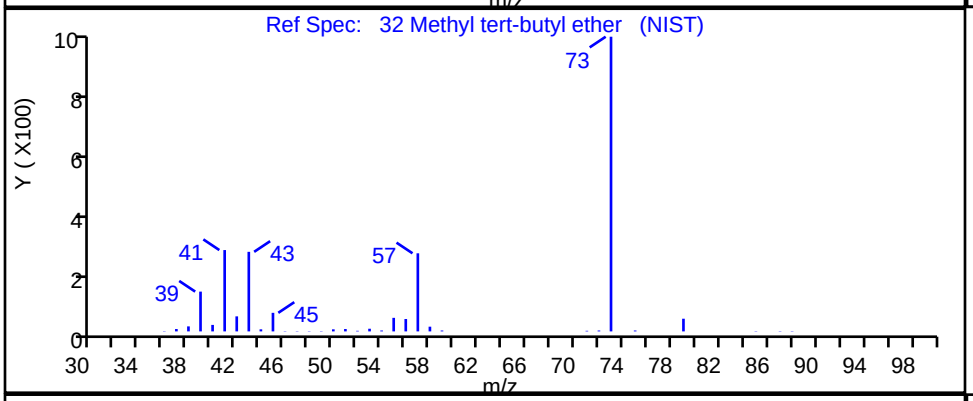
32 Methyl tert-butyl ether, CAS: 1634-04-4

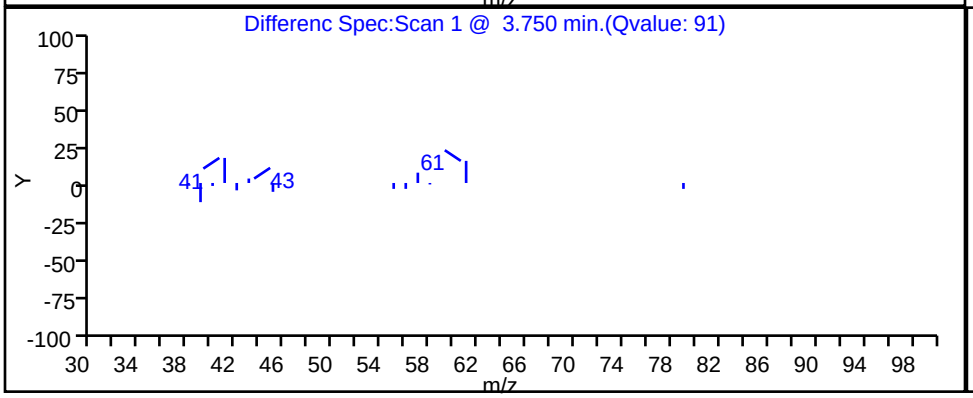


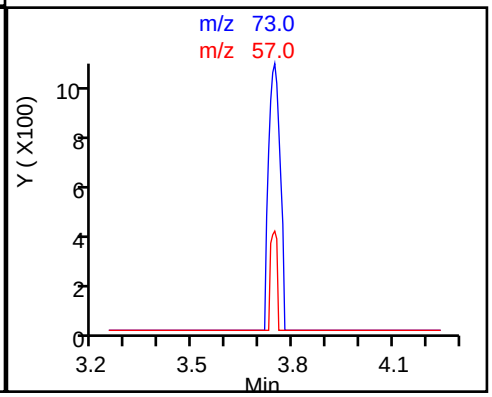












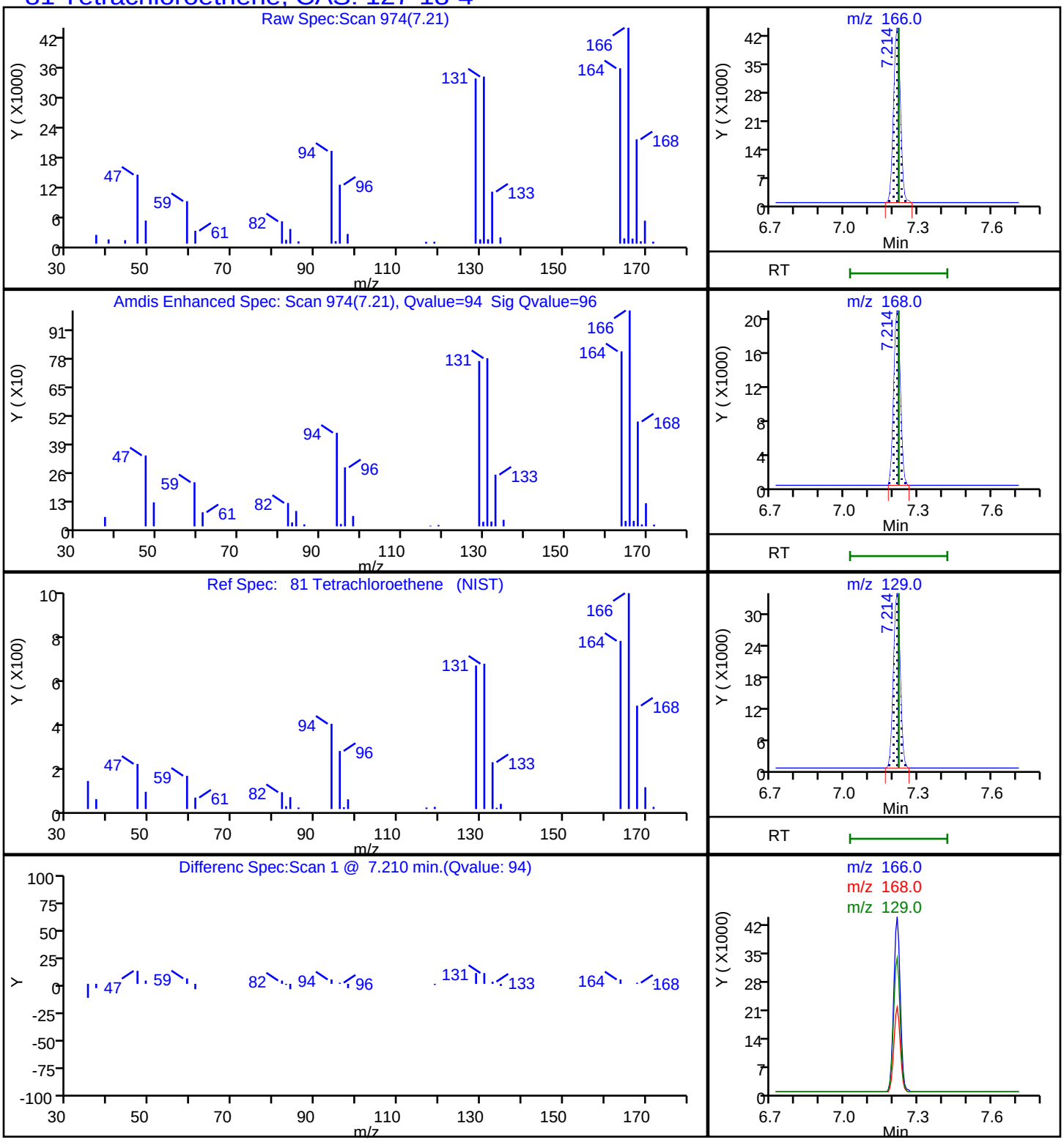
Report Date: 13-Apr-2020 11:04:50 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5
Client ID:	MW-6R		
Operator ID:	LH	ALS Bottle#:	21 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



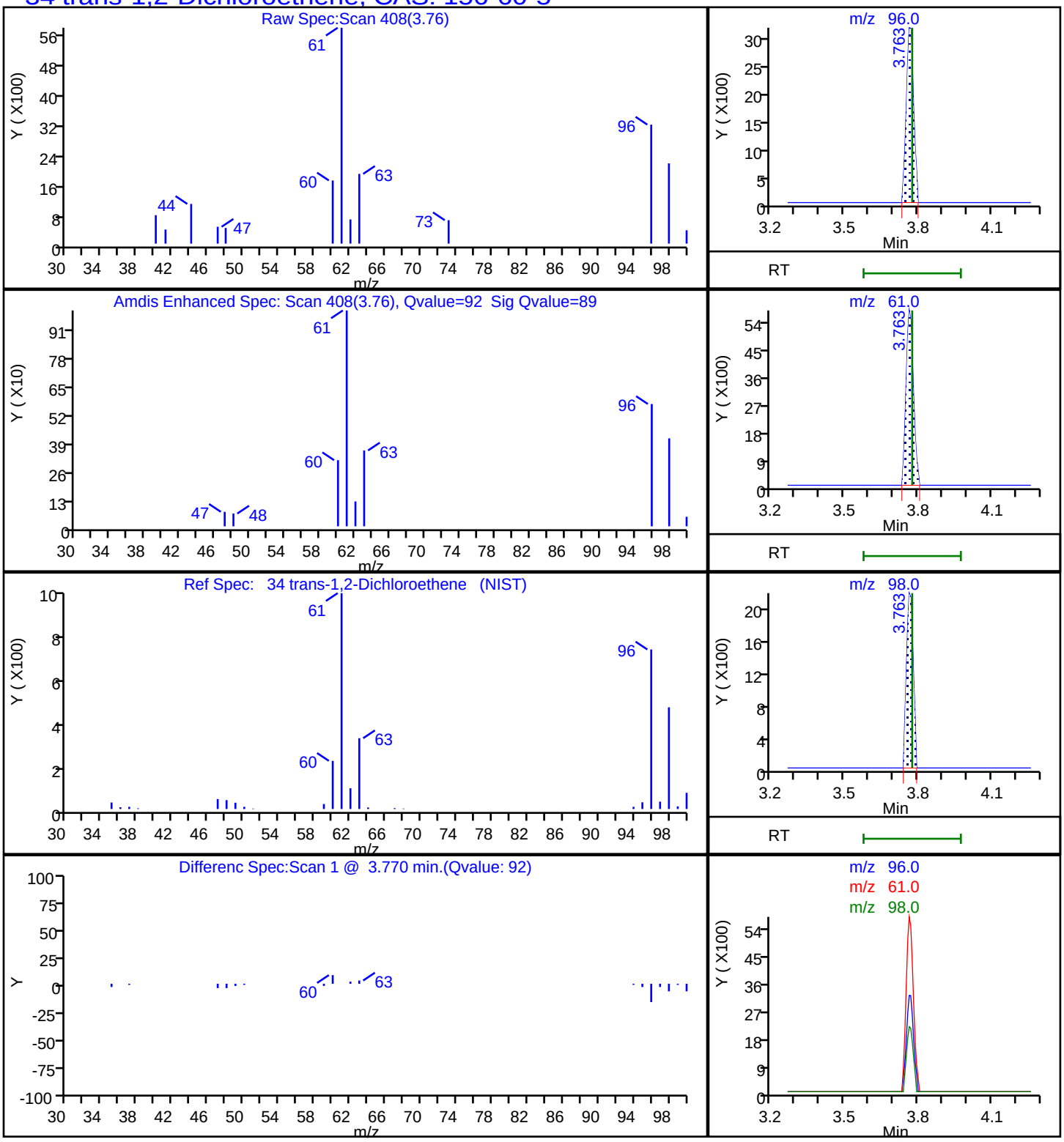
Report Date: 13-Apr-2020 11:04:50 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

34 trans-1,2-Dichloroethene, CAS: 156-60-5



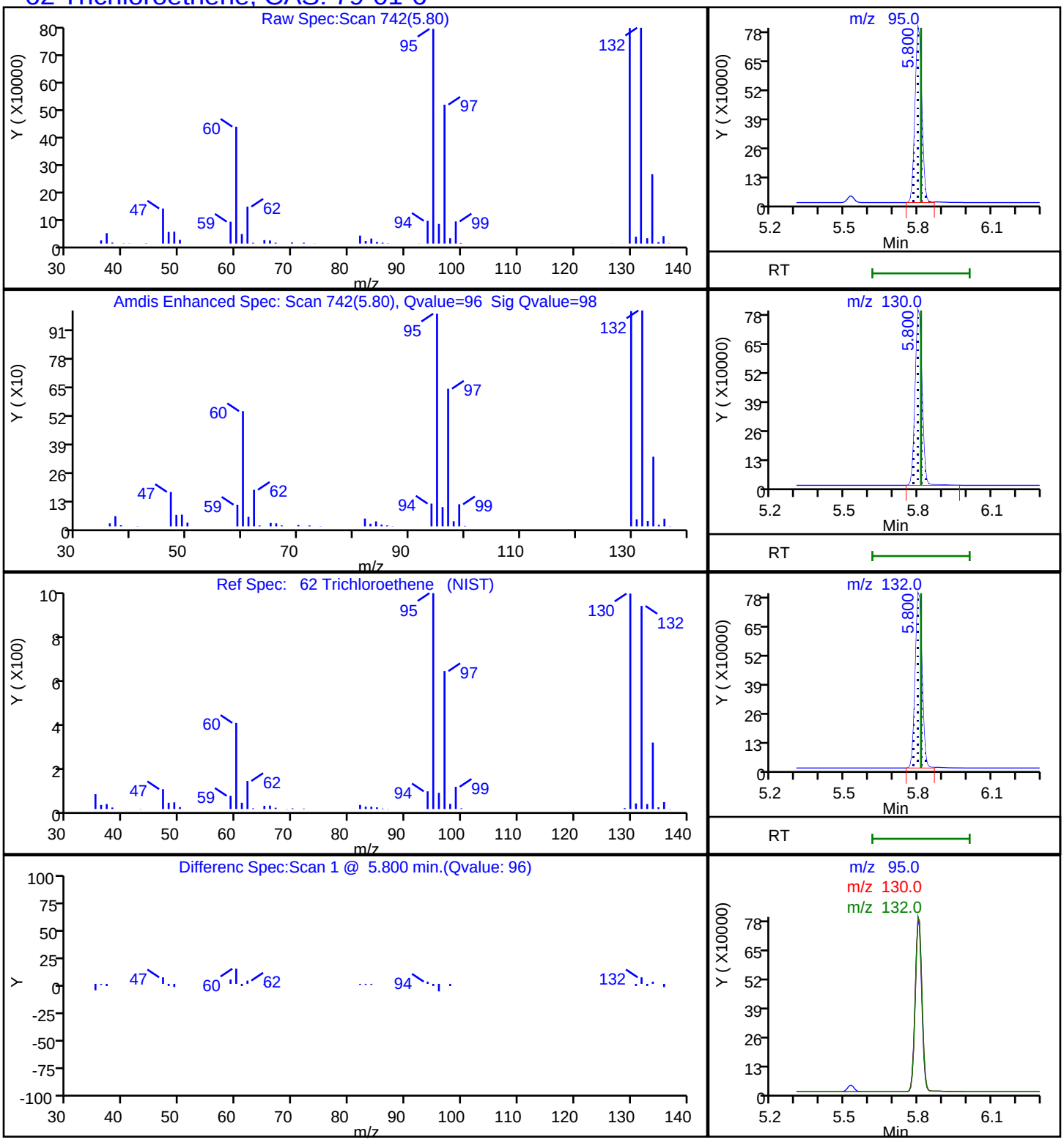
Report Date: 13-Apr-2020 11:04:50 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5
Client ID:	MW-6R		
Operator ID:	LH	ALS Bottle#:	21 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

62 Trichloroethene, CAS: 79-01-6

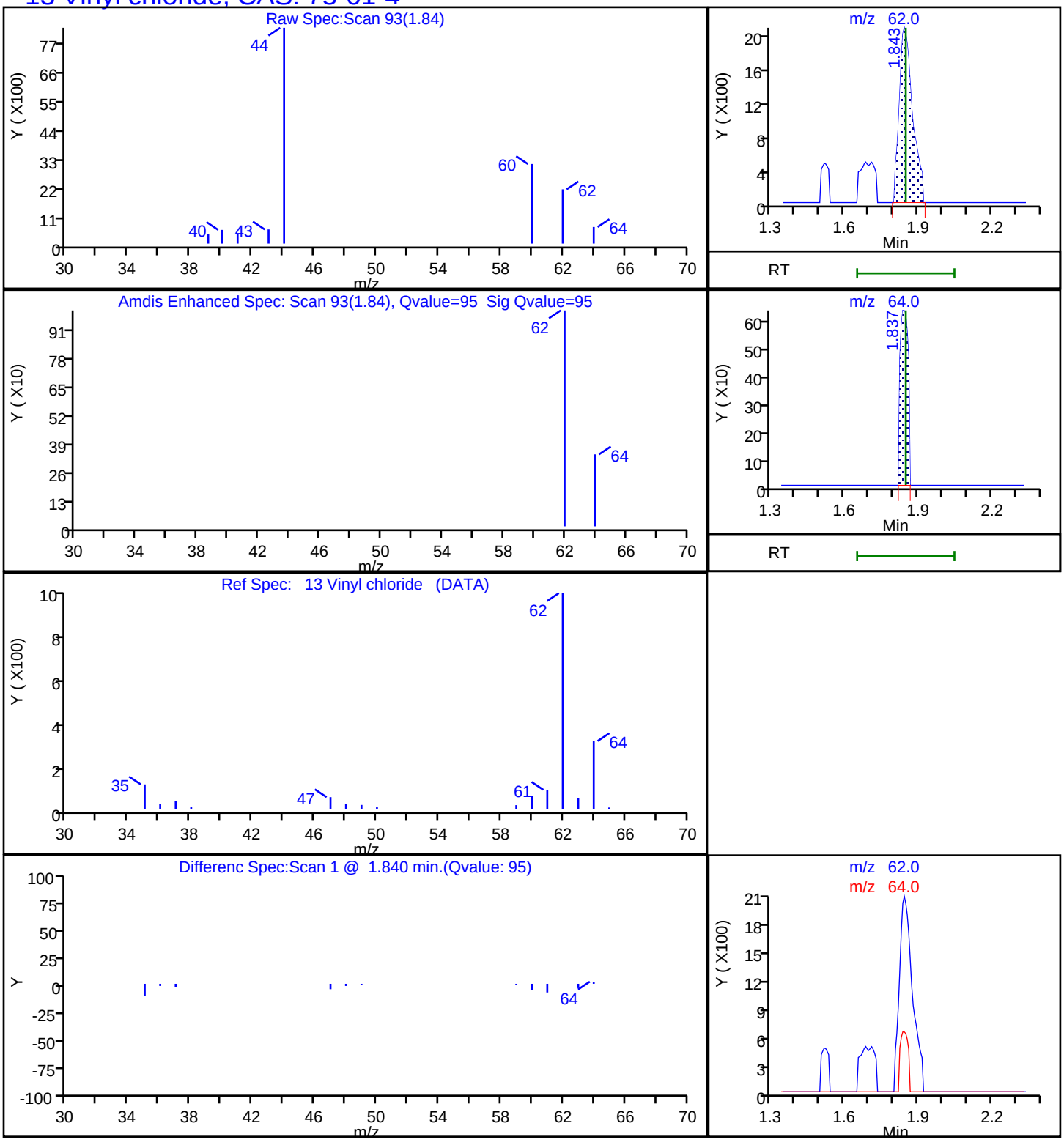


Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D

Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

13 Vinyl chloride, CAS: 75-01-4



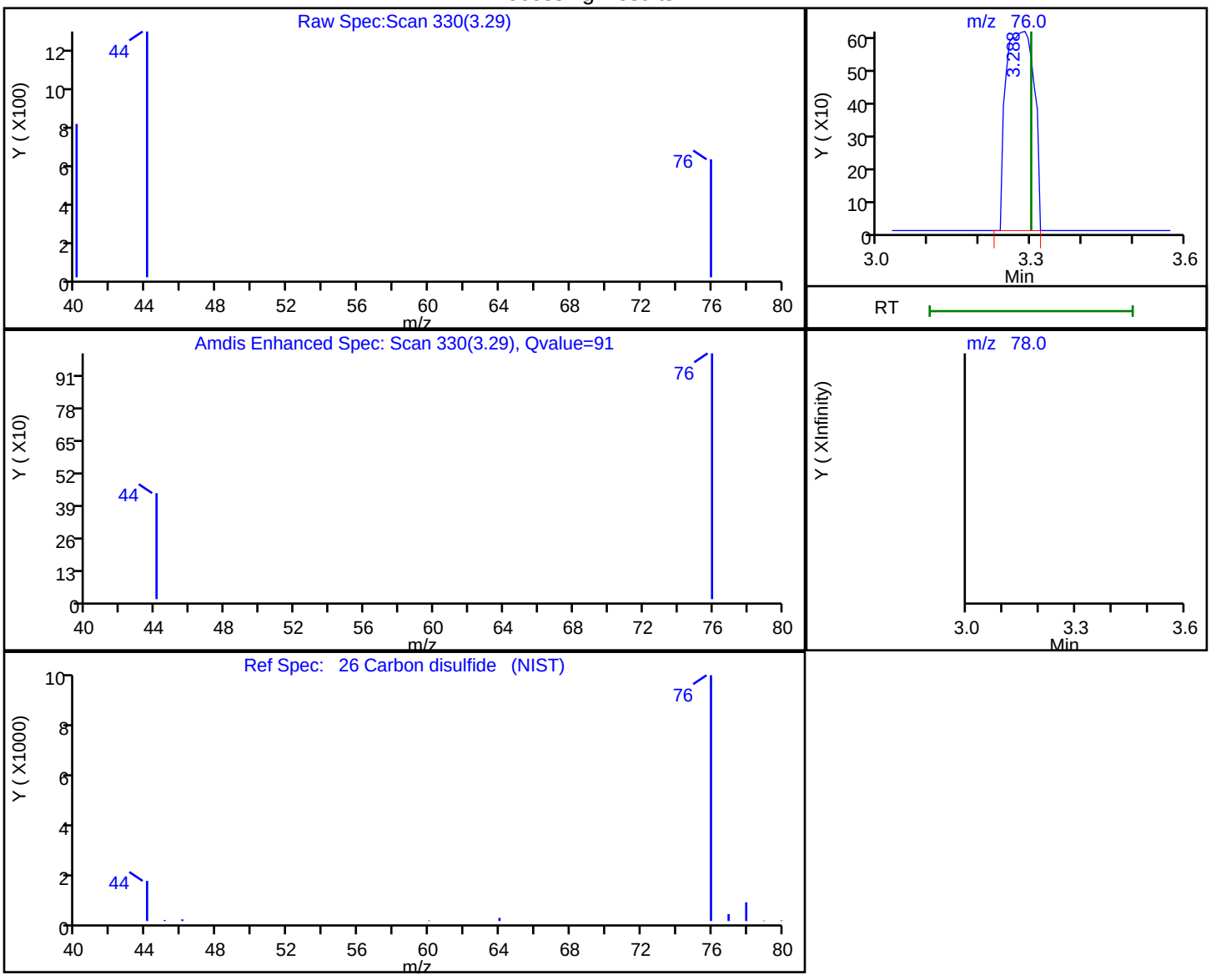
User Disabled Compound Report

Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30279.D				
Injection Date:	10-Apr-2020 19:01:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

26 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.29	76.00	2356	0.125861
3.30	78.00	0	

Reviewer: HillL, 13-Apr-2020 11:03:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-6R DL Lab Sample ID: 480-168458-5 DL

Matrix: Water Lab File ID: D30334.D

Analysis Method: 8260C Date Collected: 04/09/2020 14:15

Sample wt/vol: 5(mL) Date Analyzed: 04/13/2020 14:52

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525580 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Bromodichloromethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Dibromochloromethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	230		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	ND		4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-6R DL Lab Sample ID: 480-168458-5 DL

Matrix: Water Lab File ID: D30334.D

Analysis Method: 8260C Date Collected: 04/09/2020 14:15

Sample wt/vol: 5(mL) Date Analyzed: 04/13/2020 14:52

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525580 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	*Methyl acetate*	*ND*		*10*	*5.2*
1634-04-4	*Methyl tert-butyl ether*	*ND*		*4.0*	*0.64*
108-87-2	*Methylcyclohexane*	*ND*		*4.0*	*0.64*
75-09-2	*Methylene Chloride*	*ND*		*4.0*	*1.8*
100-42-5	*Styrene*	*ND*		*4.0*	*2.9*
127-18-4	*Tetrachloroethene*	*8.2*		*4.0*	*1.4*
108-88-3	*Toluene*	*ND*		*4.0*	*2.0*
156-60-5	*trans-1,2-Dichloroethene*	*ND*		*4.0*	*3.6*
10061-02-6	*trans-1,3-Dichloropropene*	*ND*		*4.0*	*1.5*
79-01-6	Trichloroethene	200		4.0	1.8
75-69-4	*Trichlorofluoromethane*	*ND*		*4.0*	*3.5*
75-01-4	*Vinyl chloride*	*ND*		*4.0*	*3.6*
1330-20-7	*Xylenes, Total*	*ND*		*8.0*	*2.6*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D
Lims ID: 480-168458-B-5
Client ID: MW-6R
Sample Type: Client
Inject. Date: 13-Apr-2020 14:52:30 ALS Bottle#: 11 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 4.0000
Sample Info: 480-168458-B-5
Misc. Info.: 480-0089516-013
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 14-Apr-2020 10:38:51 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0323

First Level Reviewer: lapointec Date: 14-Apr-2020 11:35:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.538	5.544	-0.006	98	123553	25.0	
* 2 Chlorobenzene-d5	82	7.921	7.927	-0.006	88	262680	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.848	9.854	-0.006	96	261663	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.050	5.028	-0.006	92	193423	25.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.318	5.324	-0.006	99	111688	27.1	
$ 5 Toluene-d8 (Surr)	98	6.751	6.736	-0.006	94	591083	24.3	
$ 6 4-Bromofluorobenzene (Surr	174	8.884	8.863	-0.007	92	199361	24.2	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.746				ND	
13 Vinyl chloride	62		1.867				ND	U
14 Bromomethane	94		2.227				ND	
15 Chloroethane	64		2.331				ND	
17 Trichlorofluoromethane	101		2.575				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.081				ND	
22 1,1-Dichloroethene	96		3.099				ND	
23 Acetone	43		3.190				ND	
26 Carbon disulfide	76		3.306				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.617				ND	Ua
32 Methyl tert-butyl ether	73		3.763				ND	
34 trans-1,2-Dichloroethene	96	3.782	3.788	-0.006	90	1437	0.2221	
39 1,1-Dichloroethane	63		4.172				ND	
45 cis-1,2-Dichloroethene	96	4.654	4.660	-0.006	85	414957	57.5	
43 2-Butanone (MEK)	43		4.684				ND	
50 Chloroform	83		4.922				ND	
51 1,1,1-Trichloroethane	97		5.025				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.330				ND	
58 1,2-Dichloroethane	62		5.385				ND	
62 Trichloroethene	95	5.818	5.824	-0.006	95	357435	50.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.025				ND	
68 Dichlorobromomethane	83		6.251				ND	
72 cis-1,3-Dichloropropene	75		6.580				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.671				ND	
74 Toluene	92		6.812				ND	
77 trans-1,3-Dichloropropene	75		7.019				ND	
79 1,1,2-Trichloroethane	83		7.177				ND	
81 Tetrachloroethene	166	7.226	7.210	-0.006	94	14688	2.04	
80 2-Hexanone	43		7.324				ND	
83 Chlorodibromomethane	129		7.501				ND	
84 Ethylene Dibromide	107		7.598				ND	
87 Chlorobenzene	112		7.952				ND	
88 Ethylbenzene	91		8.000				ND	
90 m-Xylene & p-Xylene	106		8.092				ND	
91 o-Xylene	106		8.427				ND	
92 Styrene	104		8.452				ND	
95 Bromoform	173		8.671				ND	
94 Isopropylbenzene	105		8.714				ND	
97 1,1,2,2-Tetrachloroethane	83		9.031				ND	
111 1,3-Dichlorobenzene	146		9.799				ND	
113 1,4-Dichlorobenzene	146		9.878				ND	
116 1,2-Dichlorobenzene	146		10.201				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.890				ND	
119 1,2,4-Trichlorobenzene	180		11.524				ND	
S 124 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

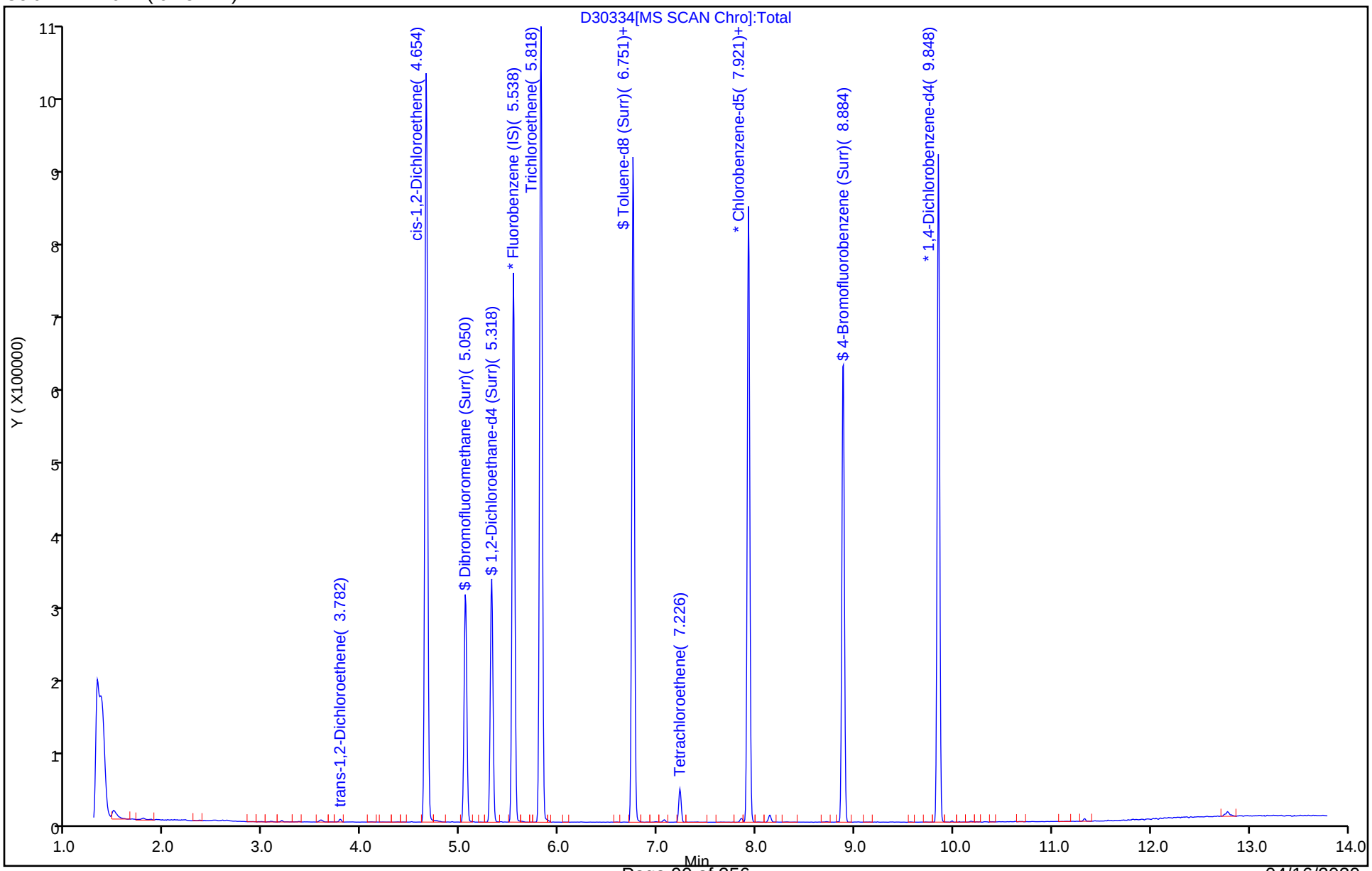
Report Date: 14-Apr-2020 11:35:04 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D

Injection Date:	13-Apr-2020 14:52:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-B-5	Lab Sample ID:	480-168458-5	Worklist Smp#:	13
Client ID:	MW-6R				
Purge Vol:	5.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	11
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

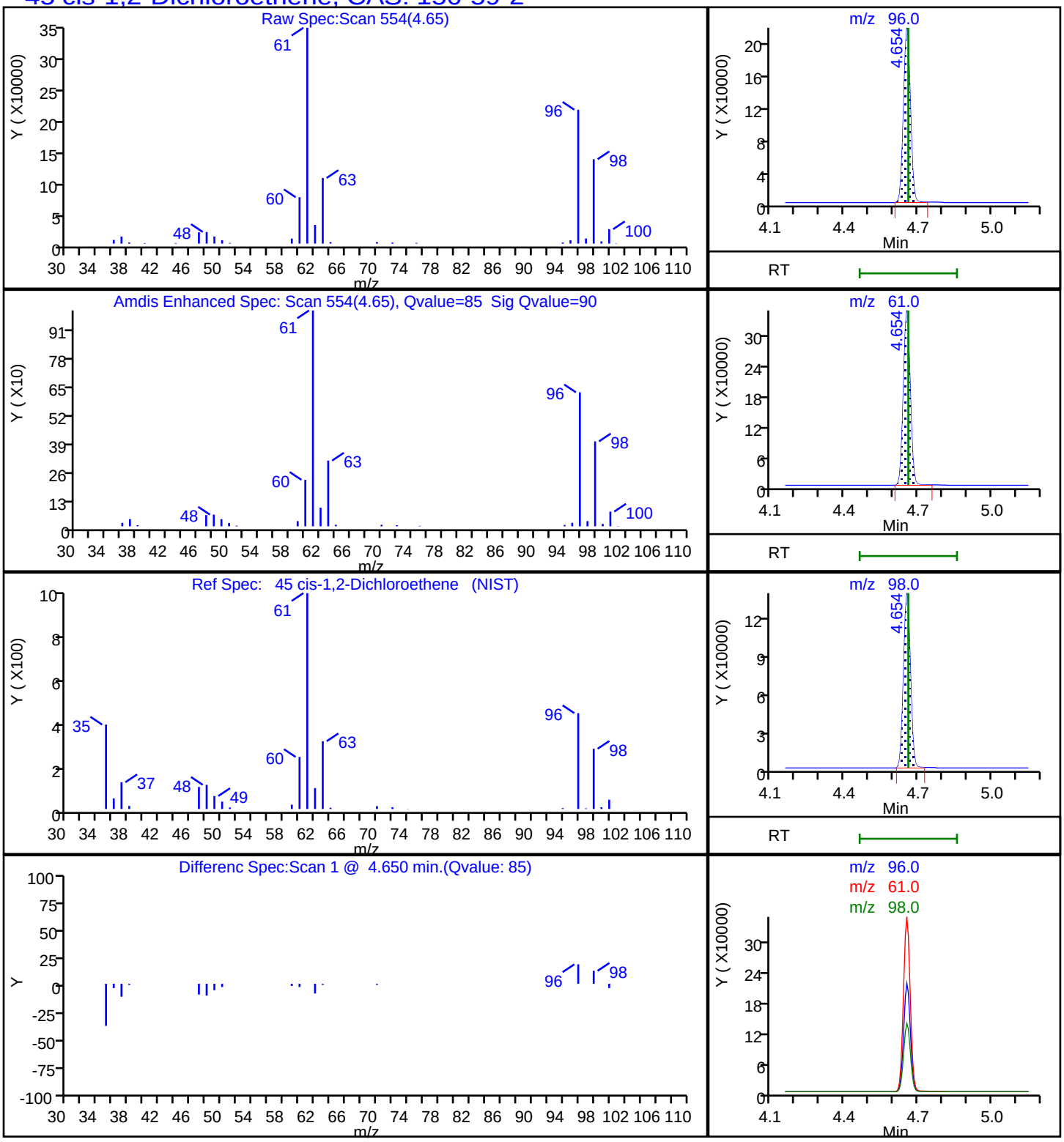
Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D				
Injection Date:	13-Apr-2020 14:52:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-B-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2



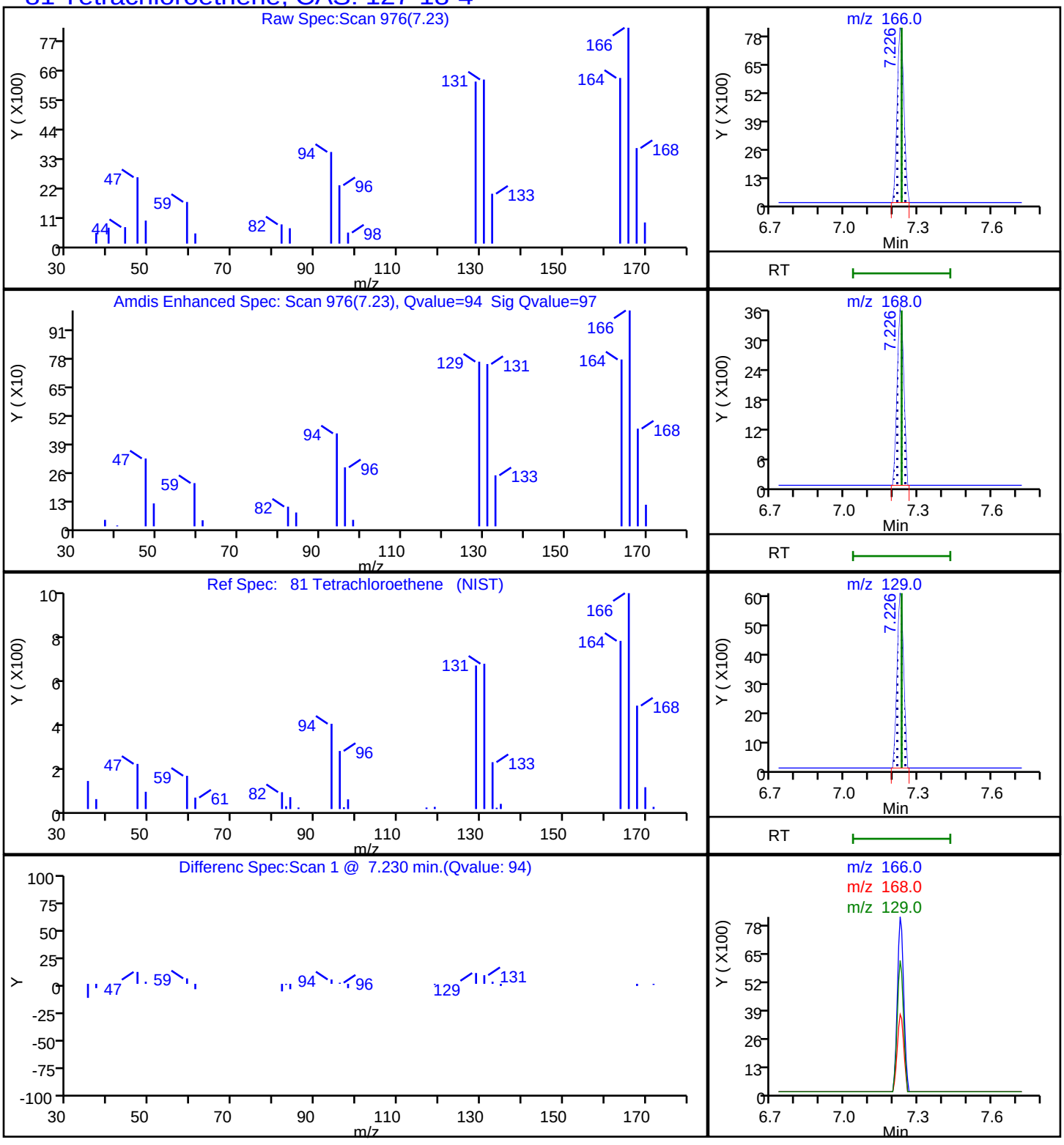
Report Date: 14-Apr-2020 11:35:04 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D

Injection Date:	13-Apr-2020 14:52:30	Instrument ID:	HP5975D
Lims ID:	480-168458-B-5	Lab Sample ID:	480-168458-5
Client ID:	MW-6R		
Operator ID:	LH	ALS Bottle#:	11 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	4.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

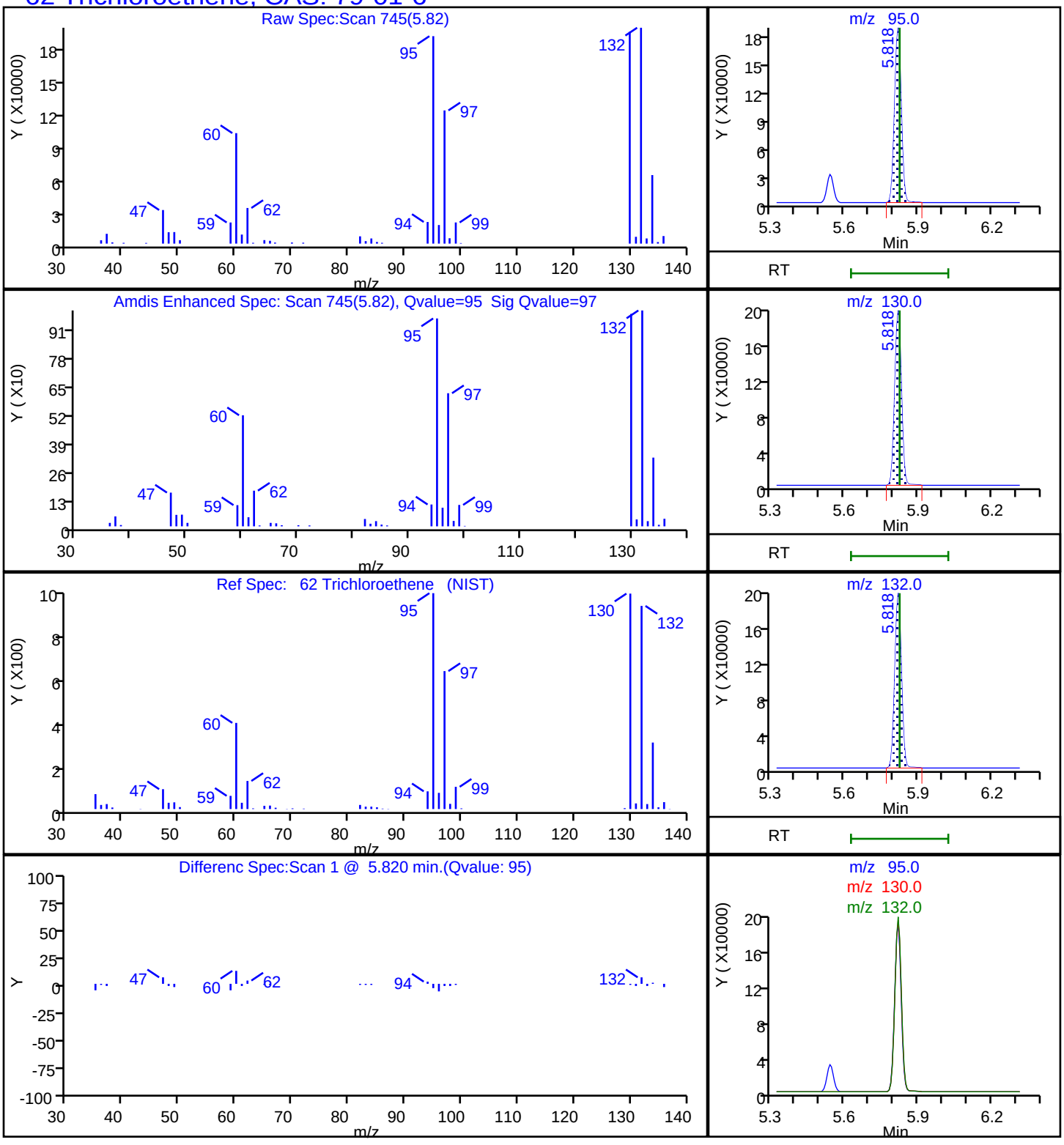
81 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D				
Injection Date:	13-Apr-2020 14:52:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-B-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

62 Trichloroethene, CAS: 79-01-6



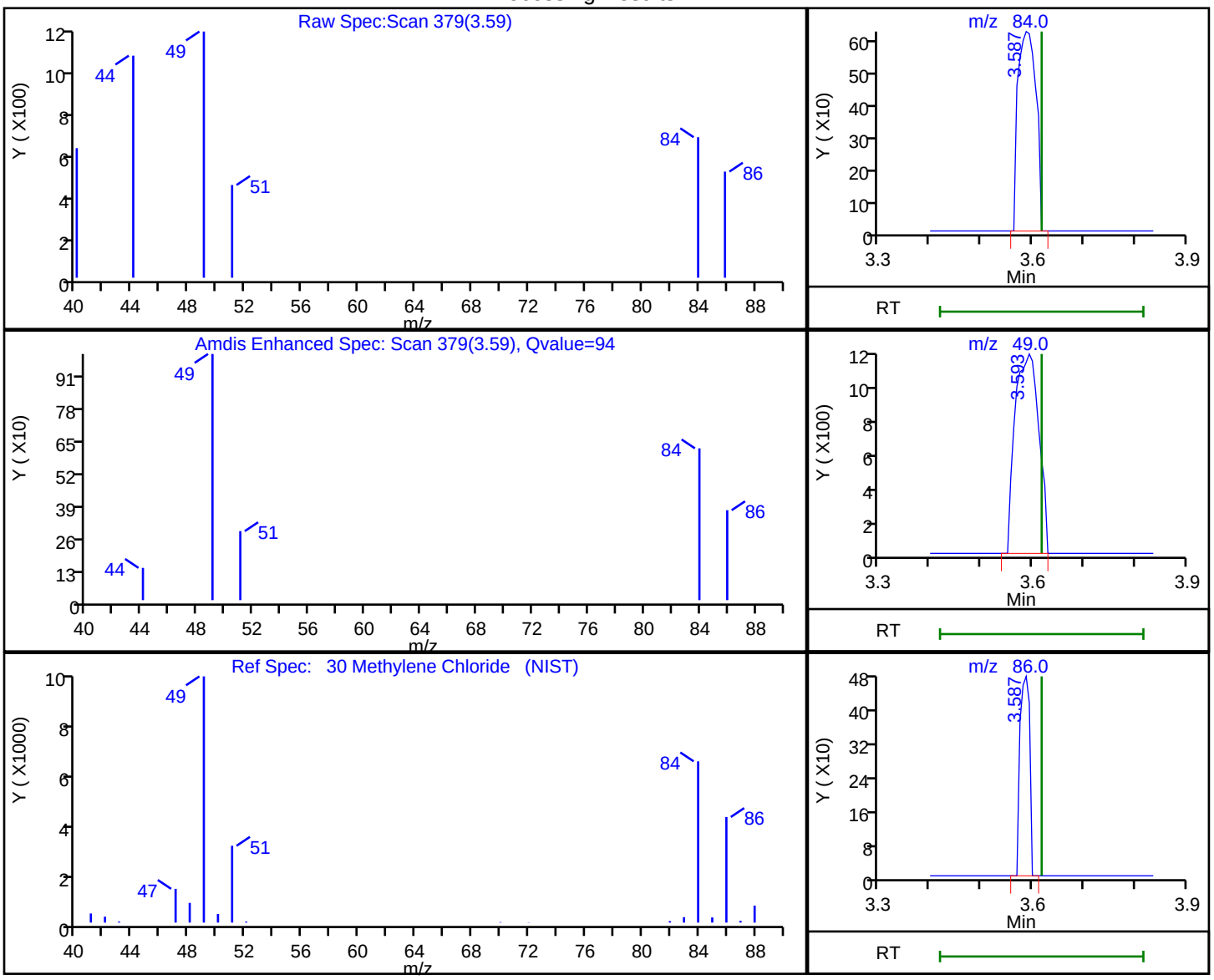
User Disabled Compound Report

Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D				
Injection Date:	13-Apr-2020 14:52:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-B-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.59	84.00	1549	-0.111240
3.59	49.00	3724	
3.59	86.00	625	

Reviewer: izquierdoo, 14-Apr-2020 10:38:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

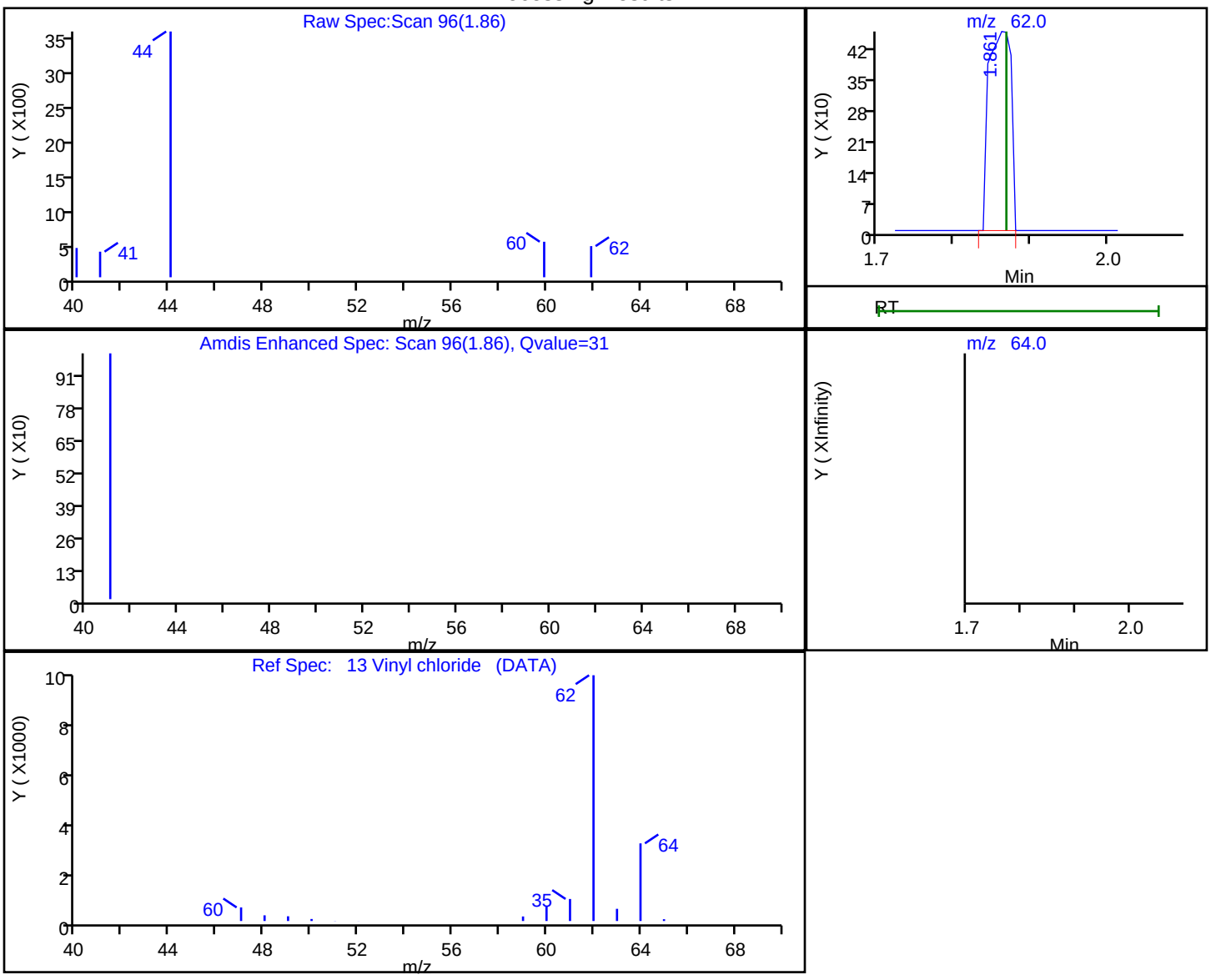
User Disabled Compound Report

Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30334.D				
Injection Date:	13-Apr-2020 14:52:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-B-5	Lab Sample ID:	480-168458-5		
Client ID:	MW-6R				
Operator ID:	LH	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

13 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.86	62.00	923	0.341270
1.87	64.00	0	

Reviewer: izquierdoo, 14-Apr-2020 10:38:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-8 Lab Sample ID: 480-168458-6

Matrix: Water Lab File ID: D30280.D

Analysis Method: 8260C Date Collected: 04/09/2020 11:36

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 19:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	1.1		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-8 Lab Sample ID: 480-168458-6

Matrix: Water Lab File ID: D30280.D

Analysis Method: 8260C Date Collected: 04/09/2020 11:36

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 19:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30280.D
Lims ID: 480-168458-A-6
Client ID: MW-8
Sample Type: Client
Inject. Date: 10-Apr-2020 19:24:30 ALS Bottle#: 22 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-168458-A-6
Misc. Info.: 480-0089479-027
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:05:21 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:05:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.519	5.532	-0.013	98	125976	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	283014	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	97	279262	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.033	-0.006	92	195239	25.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	99	113046	26.9	
$ 5 Toluene-d8 (Surr)	98	6.739	6.734	-0.006	95	617299	23.6	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.859	-0.006	91	214082	24.2	
10 Dichlorodifluoromethane	85		1.514				ND	
12 Chloromethane	50		1.733				ND	
13 Vinyl chloride	62		1.849				ND	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.300				ND	
17 Trichlorofluoromethane	101		2.569				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056				ND	
22 1,1-Dichloroethene	96		3.081				ND	
23 Acetone	43		3.178				ND	
26 Carbon disulfide	76	3.306	3.300	0.006	98	21313	1.12	
27 Methyl acetate	43		3.459				ND	
30 Methylene Chloride	84		3.593				ND	
32 Methyl tert-butyl ether	73		3.751				ND	
34 trans-1,2-Dichloroethene	96		3.776				ND	
39 1,1-Dichloroethane	63		4.160				ND	
45 cis-1,2-Dichloroethene	96	4.641	4.647	-0.006	82	1716	0.2330	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.013				ND	
52 Cyclohexane	56		5.019				ND	
55 Carbon tetrachloride	117		5.129				ND	
57 Benzene	78		5.312				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.800	5.812	-0.012	91	1730	0.2393	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.909				ND	
65 1,2-Dichloropropane	63		6.013				ND	
68 Dichlorobromomethane	83		6.239				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659				ND	U
74 Toluene	92		6.799				ND	
77 trans-1,3-Dichloropropene	75		7.007				ND	
79 1,1,2-Trichloroethane	83		7.165				ND	
81 Tetrachloroethene	166		7.220				ND	
80 2-Hexanone	43		7.318				ND	
83 Chlorodibromomethane	129		7.488				ND	
84 Ethylene Dibromide	107		7.580				ND	
87 Chlorobenzene	112		7.939				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.439				ND	
95 Bromoform	173		8.659				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.019				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.866				ND	
116 1,2-Dichlorobenzene	146		10.195				ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

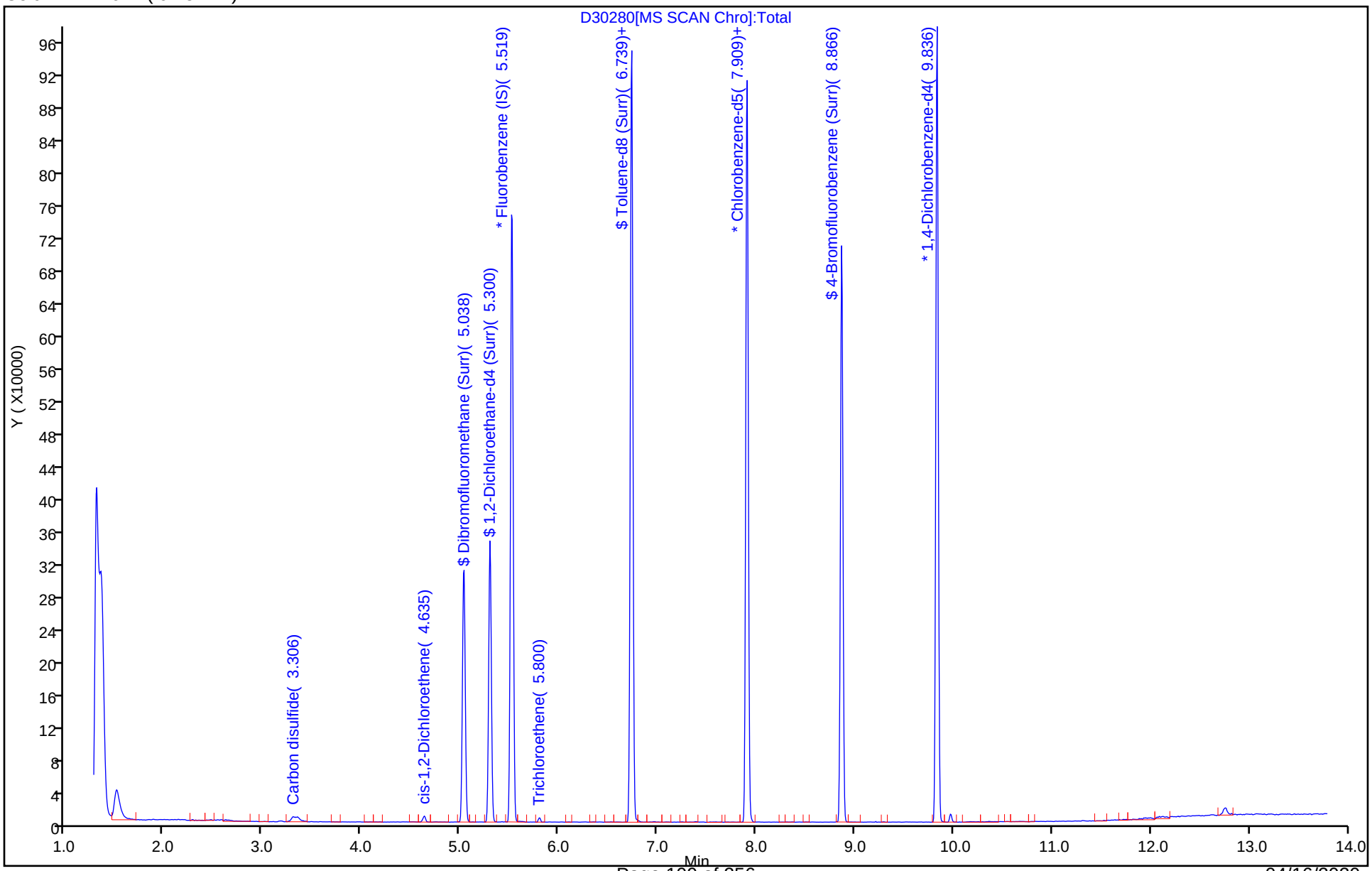
Report Date: 13-Apr-2020 11:05:21 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30280.D

Injection Date:	10-Apr-2020 19:24:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-6	Lab Sample ID:	480-168458-6	Worklist Smp#:	27
Client ID:	MW-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

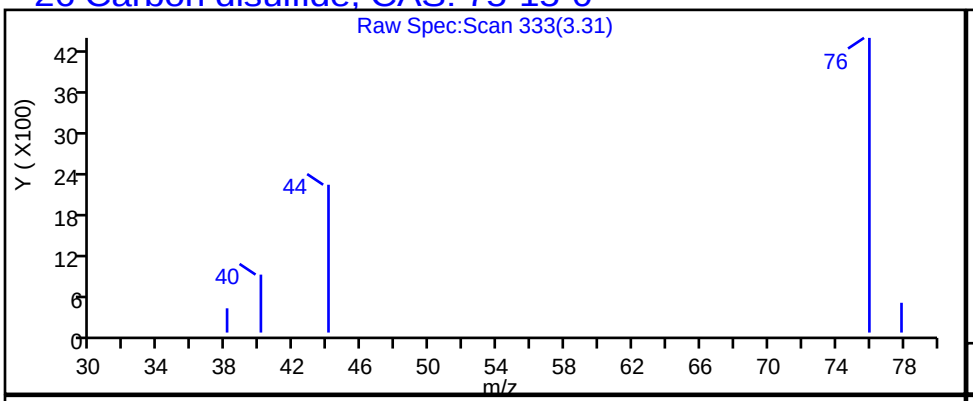
Column: ZB-624 (0.25 mm)

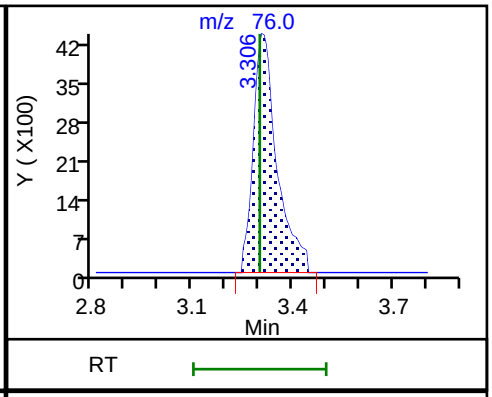


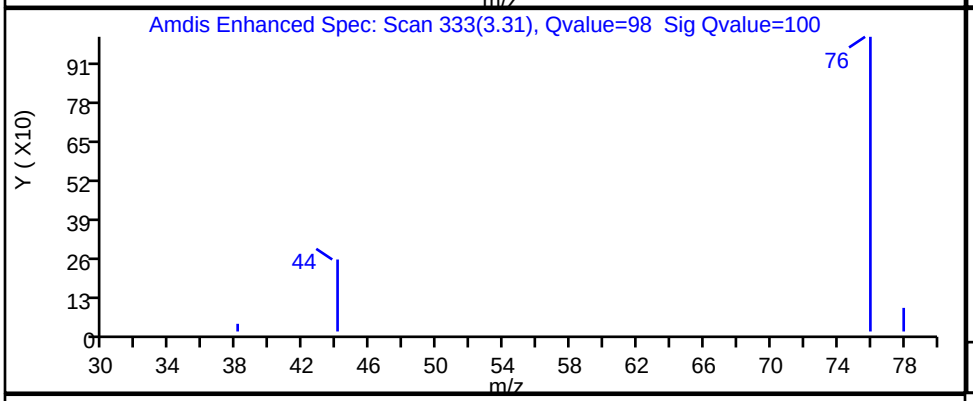
Eurofins TestAmerica, Buffalo

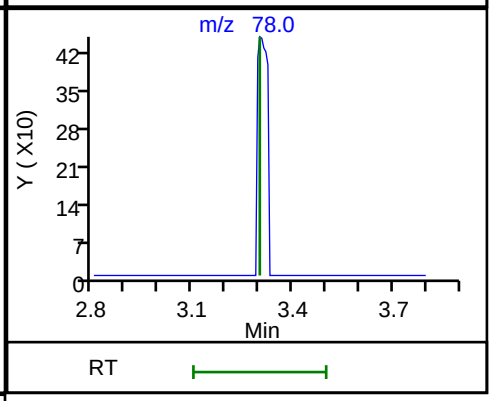
Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30280.D		
Injection Date:	10-Apr-2020 19:24:30	Instrument ID:	HP5975D
Lims ID:	480-168458-A-6	Lab Sample ID:	480-168458-6
Client ID:	MW-8		
Operator ID:	LH	ALS Bottle#:	22 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

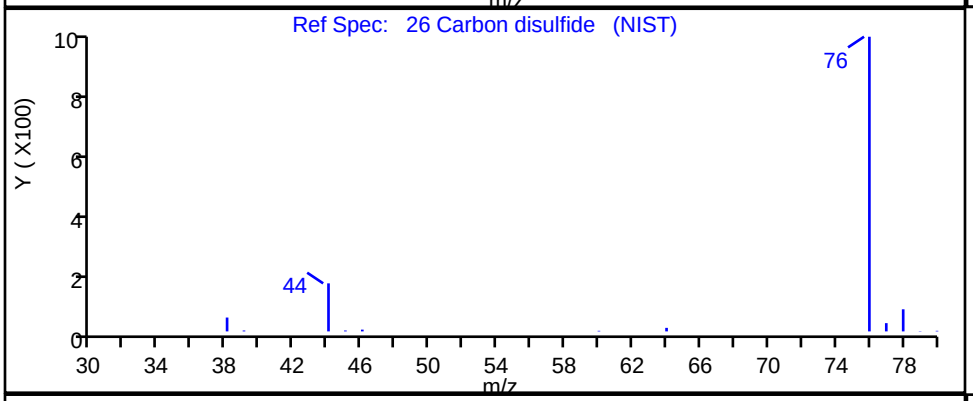
26 Carbon disulfide, CAS: 75-15-0

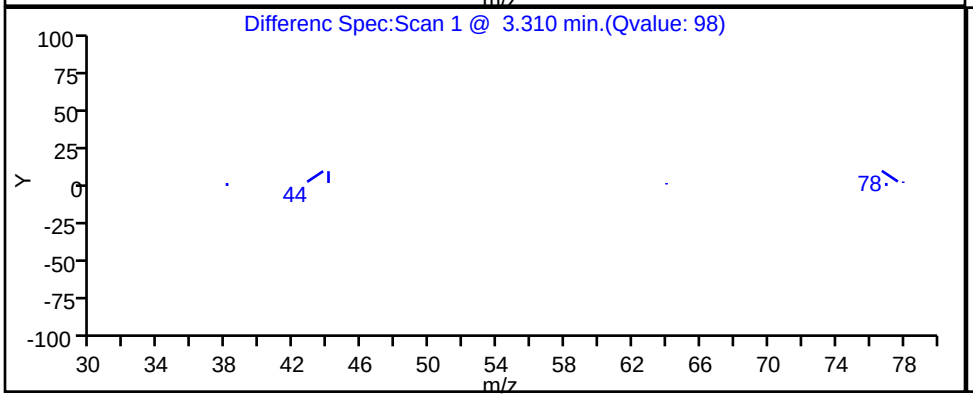


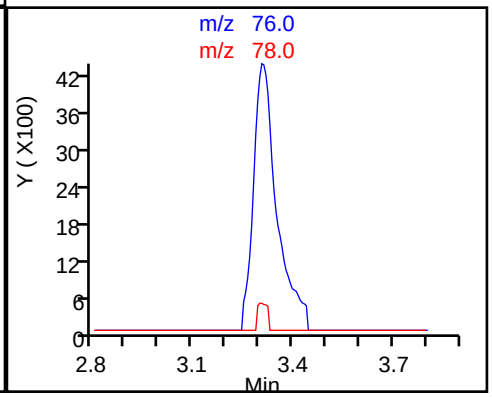












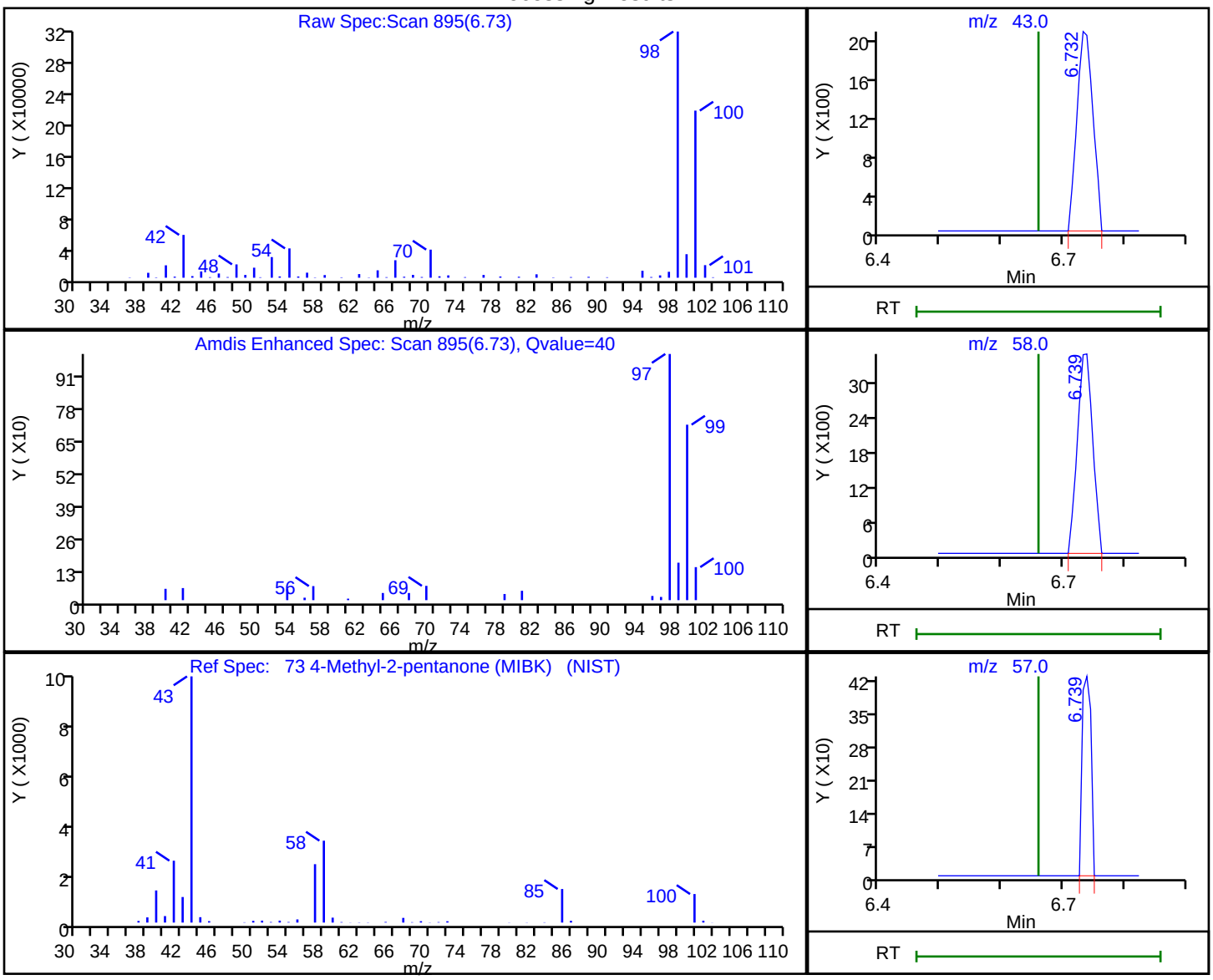
User Disabled Compound Report

Eurofins TestAmerica, Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30280.D				
Injection Date:	10-Apr-2020 19:24:30	Instrument ID:	HP5975D		
Lims ID:	480-168458-A-6	Lab Sample ID:	480-168458-6		
Client ID:	MW-8				
Operator ID:	LH	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.73	43.00	3799	0.433920
6.74	58.00	5967	
6.74	57.00	430	

Reviewer: HillL, 13-Apr-2020 11:05:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-524669/9	D30100.D
Level 2	IC 480-524669/10	D30101.D
Level 3	IC 480-524669/11	D30102.D
Level 4	IC 480-524669/12	D30103.D
Level 5	IC 480-524669/13	D30104.D
Level 6	ICIS 480-524669/14	D30105.D
Level 7	IC 480-524669/15	D30106.D
Level 8	IC 480-524669/16	D30107.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								
Dichlorodifluoromethane	0.6243 1.2820	0.9990 1.4333	1.3825 1.3963	1.4195	1.1453	Lin1	-0.326	1.3884			0.1000				0.9970		0.9900
Chloromethane	1.8116 1.7646	1.7990 1.7414	1.8108 1.8166	1.8799	1.7634	Ave		1.7984			0.1000	2.4		20.0			
Butadiene	1.0603 1.1930	1.0878 1.2928	1.2944 1.3116	1.3298	1.1252	Ave		1.2118				9.0		20.0			
Vinyl chloride	0.6541 1.2092	1.0805 1.2971	1.2216 1.3109	1.2843	1.1789	Lin1	-0.255	1.2937			0.1000				0.9990		0.9900
Bromomethane	+++++ 0.8791	0.8612 0.8831	0.8192 0.8973	0.8347	0.8960	Ave		0.8672			0.1000	3.5		20.0			
Chloroethane	+++++ 0.6383	0.6124 0.6442	0.6426 0.6573	0.6937	0.6414	Ave		0.6471			0.1000	3.8		20.0			
Dichlorofluoromethane	1.4998 1.7250	1.6445 1.7461	1.7630 1.7752	1.8301	1.7028	Ave		1.7108				5.9		20.0			
Trichlorofluoromethane	+++++ 1.5507	1.1438 1.7285	1.6397 1.7084	1.6627	1.4777	Ave		1.5588			0.1000	13.0		20.0			
Ethyl ether	1.1236 1.2789	1.0972 1.2671	1.2967 1.2672	1.3278	1.2798	Ave		1.2423				6.8		20.0			
Acrolein	0.0861 0.0864	0.0727 0.0859	0.0771 0.0857	0.0845	0.0827	Ave		0.0826				6.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.7909 1.1559	0.7109 1.3489	1.3527 1.2953	1.2601	1.0615	Lin1	-0.302	1.2872			0.1000				0.9960		0.9900
1,1-Dichloroethene	+++++ 1.1112	0.8962 1.2339	1.2857 1.2019	1.2433	1.0740	Ave		1.1495			0.1000	11.7		20.0			
Acetone	+++++ 0.4193	0.4641 0.3833	0.4370 0.3075	0.4730	0.4152	Ave		0.4142			0.1000	13.5		20.0			
Iodomethane	2.2407 2.5518	2.1945 2.6533	2.7383 2.7041	2.7452	2.4870	Ave		2.5394				8.6		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: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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								
Carbon disulfide	3.2191 3.8855	3.0965 3.9291	4.2670 3.9910	4.1613	3.7625	Ave		3.7890			0.1000	11.1		20.0			
Allyl chloride	2.7710 2.8913	2.5896 2.9461	3.1352 2.9302	3.1282	2.8589	Ave		2.9063				6.2		20.0			
Methyl acetate	1.3778 1.2560	1.2579 1.2195	1.3757 1.1158	1.3764	1.2723	Ave		1.2814			0.1000	7.2		20.0			
Methylene Chloride	2.5815 1.3786	1.6630 1.3893	1.7599 1.4027	1.5603	1.4258	Lin1	0.4680	1.3895			0.1000				1.0000		0.9900
2-Methyl-2-propanol	0.1190 0.1304	0.1094 0.1192	0.1190 0.0908	0.1394	0.1204	Ave		0.1184				12.1		20.0			
Methyl tert-butyl ether	3.1360 3.4363	2.9754 3.4002	3.4254 3.4107	3.5486	3.3898	Ave		3.3403			0.1000	5.6		20.0			
trans-1,2-Dichloroethene	1.1284 1.3169	1.1647 1.3788	1.4097 1.3710	1.4257	1.2777	Ave		1.3091			0.1000	8.5		20.0			
Acrylonitrile	0.6022 0.6156	0.5784 0.5802	0.6299 0.4895	0.6526	0.6128	Ave		0.5951				8.3		20.0			
Hexane	1.7906 2.1547	1.2035 2.5646	2.7477 2.4389	2.4023	1.9890	Lin1	-0.484	2.4260							0.9950		0.9900
1,1-Dichloroethane	2.4802 2.7078	2.2583 2.8069	2.9216 2.7658	2.9134	2.6710	Ave		2.6906			0.2000	8.4		20.0			
Vinyl acetate	3.2765 3.8263	3.0530 3.9149	3.6049 4.0247	3.6689	3.7140	Ave		3.6354				9.0		20.0			
2,2-Dichloropropane	1.1341 1.2207	0.9907 1.2499	1.3346 1.2294	1.3252	1.1985	Ave		1.2104				9.1		20.0			
cis-1,2-Dichloroethene	1.2111 1.4874	1.3030 1.5177	1.5823 1.5311	1.6134	1.4442	Ave		1.4613			0.1000	9.5		20.0			
2-Butanone (MEK)	0.7896 0.7685	0.7709 0.7455	0.8001 0.6875	0.8522	0.7667	Ave		0.7726			0.1000	6.1		20.0			
Chlorobromomethane	0.7094 0.8343	0.6775 0.8614	0.8759 0.8522	0.9217	0.8532	Ave		0.8232				10.3		20.0			
Tetrahydrofuran	+++++ 0.5333	0.6041 0.5118	0.5874 0.4708	0.5992	0.5480	Ave		0.5507				9.0		20.0			
Chloroform	2.7674 2.5663	2.3539 2.6170	2.8190 2.5930	2.8251	2.5582	Ave		2.6375			0.2000	6.1		20.0			
1,1,1-Trichloroethane	+++++ 1.9350	1.4526 2.0592	2.0067 2.1050	2.0740	1.8804	Ave		1.9304			0.1000	11.7		20.0			
Cyclohexane	+++++ 2.6178	1.6295 3.0575	3.0733 2.9796	2.8987	2.4191	Lin1	-1.073	2.9547			0.1000				0.9960		0.9900
Carbon tetrachloride	+++++ 1.4562	0.8664 1.6972	1.3284 1.7829	1.3453	1.2890	Lin1	-1.200	1.7155			0.1000				0.9940		0.9900

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: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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-Dichloropropene	1.5797 1.7464	1.4117 1.8979	1.9042 1.8757	1.9396	1.6696	Ave		1.7531				10.7		20.0			
Isobutyl alcohol	0.0657 0.0675	0.0635 0.0654	0.0643 0.0509	0.0713	0.0642	Ave		0.0641				9.2		20.0			
Benzene	4.8205 5.0293	4.3581 5.1621	5.3981 5.0869	5.4603	4.8946	Ave		5.0262			0.5000	7.0		20.0			
1,2-Dichloroethane	2.4544 2.1257	2.0827 2.1395	2.3919 2.0855	2.3533	2.1170	Ave		2.2188			0.1000	6.9		20.0			
n-Heptane	+++++ 2.5580	1.4512 3.0336	3.2984 3.1082	2.8354	2.4041	Lin1	-1.289	3.0142							0.9940		0.9900
Trichloroethene	1.2228 1.4683	1.2347 1.5369	1.5166 1.5240	1.5447	1.4289	Ave		1.4346			0.2000	9.3		20.0			
Methylcyclohexane	+++++ 1.9270	1.1038 2.2965	2.2733 2.2082	2.1399	1.7915	Lin1	-0.881	2.1982			0.1000				0.9950		0.9900
1,2-Dichloropropane	1.3176 1.6000	1.4288 1.6577	1.6444 1.6540	1.7399	1.6270	Ave		1.5837			0.1000	8.8		20.0			
1,4-Dioxane	+++++ 0.0032	+++++ 0.0033	0.0024 0.0023	0.0036	0.0030	Ave		0.0030				17.1		20.0			
Dibromomethane	0.8126 0.9477	0.8367 0.9622	1.0232 0.9569	1.0098	0.9223	Ave		0.9339			0.1000	8.0		20.0			
Bromodichloromethane	1.6236 1.9324	1.5476 2.0144	1.9432 2.0750	2.0226	1.8726	Ave		1.8789			0.2000	10.2		20.0			
2-Chloroethyl vinyl ether	0.8574 0.9872	0.8196 1.0387	0.9395 1.0905	0.9912	0.9596	Ave		0.9605				9.3		20.0			
cis-1,3-Dichloropropene	1.9043 2.2268	1.9228 2.3281	2.1908 2.3886	2.3069	2.1485	Ave		2.1771			0.2000	8.3		20.0			
4-Methyl-2-pentanone (MIBK)	0.7345 0.7774	0.7390 0.7777	0.7743 0.7789	0.8120	0.7934	Ave		0.7734			0.1000	3.3		20.0			
Toluene	1.4983 1.5134	1.2733 1.5988	1.6332 1.5952	1.6342	1.5174	Ave		1.5330			0.4000	7.7		20.0			
trans-1,3-Dichloropropene	0.8639 0.9408	0.8019 0.9705	0.9050 0.9991	0.9717	0.9150	Ave		0.9210			0.1000	7.0		20.0			
Ethyl methacrylate	0.5513 0.7014	0.5670 0.7240	0.6918 0.7771	0.6876	0.7003	Ave		0.6751				11.4		20.0			
1,1,2-Trichloroethane	0.4453 0.4804	0.4534 0.4857	0.5198 0.4965	0.5215	0.4974	Ave		0.4875			0.1000	5.7		20.0			
Tetrachloroethene	0.5646 0.7006	0.5168 0.7476	0.7663 0.7473	0.7661	0.6684	Ave		0.6847			0.2000	14.0		20.0			
1,3-Dichloropropane	0.9066 0.8885	0.8009 0.9127	0.9308 0.9156	0.9665	0.9148	Ave		0.9045				5.3		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
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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								
2-Hexanone	0.4998 0.5435	0.4897 0.5440	0.5415 0.5414	0.5711	0.5518	Ave		0.5354			0.1000	5.0		20.0			
Dibromochloromethane	0.6104 0.7515	0.6008 0.7857	0.7162 0.8025	0.7650	0.7245	Ave		0.7196			0.1000	10.6		20.0			
1,2-Dibromoethane	0.5855 0.6485	0.5729 0.6604	0.6585 0.6707	0.6936	0.6493	Ave		0.6424				6.5		20.0			
Chlorobenzene	1.8952 1.8278	1.5756 1.9009	1.9511 1.8774	1.9972	1.8443	Ave		1.8587			0.5000	6.8		20.0			
Ethylbenzene	2.7191 2.9266	2.3330 3.0666	3.1016 3.0654	3.1748	2.9273	Ave		2.9143			0.1000	9.4		20.0			
1,1,1,2-Tetrachloroethane	0.5884 0.6686	0.5161 0.6987	0.6468 0.7082	0.7019	0.6612	Ave		0.6487				10.2		20.0			
m,p-Xylene	0.9271 1.1478	0.9073 1.1865	1.2225 1.1926	1.2235	1.1413	Ave		1.1186			0.1000	11.4		20.0			
o-Xylene	0.9334 1.1180	0.8841 1.1518	1.1981 1.1251	1.1969	1.1078	Ave		1.0894			0.3000	10.8		20.0			
Styrene	1.5532 1.9403	1.4071 2.0131	1.9561 1.9748	2.0514	1.9018	Ave		1.8497			0.3000	12.7		20.0			
Bromoform	0.3923 0.4812	0.3609 0.4929	0.4172 0.5017	0.4678	0.4518	Ave		0.4457			0.1000	11.4		20.0			
Isopropylbenzene	2.4002 2.8178	2.0256 3.0971	3.0200 3.0683	3.0818	2.8046	Ave		2.7894			0.1000	13.9		20.0			
Bromobenzene	0.7908 0.8272	0.7073 0.8898	0.9359 0.8829	0.9252	0.8548	Ave		0.8517				8.9		20.0			
1,1,2,2-Tetrachloroethane	0.7475 0.7692	0.7250 0.7860	0.8170 0.7750	0.8361	0.8001	Ave		0.7820			0.3000	4.6		20.0			
N-Propylbenzene	2.9385 3.4449	2.3094 3.7616	3.8778 3.6930	3.7442	3.4531	Ave		3.4028				15.6		20.0			
trans-1,4-Dichloro-2-butene	0.2402 0.2878	0.2626 0.3007	0.2811 0.2984	0.3025	0.2922	Ave		0.2832				7.7		20.0			
1,2,3-Trichloropropane	+++++ 0.2123	0.2012 0.2172	0.2259 0.2092	0.2354	0.2229	Ave		0.2177				5.2		20.0			
2-Chlorotoluene	0.6285 0.7112	0.5229 0.7656	0.7693 0.7596	0.7840	0.7152	Ave		0.7071				12.7		20.0			
1,3,5-Trimethylbenzene	2.0466 2.4257	1.6523 2.5904	2.5407 2.5704	2.6147	2.4359	Ave		2.3596				14.4		20.0			
4-Chlorotoluene	0.6474 0.7651	0.5611 0.8074	0.7968 0.7947	0.8190	0.7640	Ave		0.7444				12.3		20.0			
tert-Butylbenzene	0.4064 0.4867	0.3054 0.5317	0.5210 0.5177	0.5160	0.4903	Ave		0.4719				16.5		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: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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								
1,2,4-Trimethylbenzene	1.9794 2.4740	1.7505 2.6526	2.6541 2.6096	2.6760	2.5084	Ave		2.4131				14.6		20.0			
sec-Butylbenzene	2.6587 3.0075	1.8709 3.3329	3.3063 3.2454	3.2844	3.0044	Ave		2.9638				16.8		20.0			
4-Isopropyltoluene	2.2143 2.6241	1.6071 2.8472	2.8250 2.8076	2.7782	2.5726	Ave		2.5345				16.9		20.0			
1,3-Dichlorobenzene	1.4213 1.5042	1.1503 1.5686	1.6993 1.5531	1.6419	1.5394	Ave		1.5098			0.6000	11.1		20.0			
1,4-Dichlorobenzene	1.4679 1.5290	1.2116 1.5980	1.6874 1.5659	1.6674	1.5723	Ave		1.5374			0.5000	9.7		20.0			
n-Butylbenzene	2.0706 2.4005	1.3701 2.6544	2.5105 2.5877	2.5491	2.3775	Ave		2.3151				18.2		20.0			
1,2-Dichlorobenzene	1.3837 1.4664	1.1533 1.5493	1.5926 1.5182	1.6000	1.5179	Ave		1.4727			0.4000	10.0		20.0			
1,2-Dibromo-3-Chloropropane	0.0762 0.1261	0.0825 0.1333	0.1215 0.1207	0.1347	0.1238	Lin1	-0.020	0.1257			0.0500				0.9980		0.9900
1,2,4-Trichlorobenzene	0.9362 1.0479	0.6167 1.0827	1.0274 1.1502	1.1159	1.0282	Ave		1.0007			0.2000	16.8		20.0			
Hexachlorobutadiene	+++++ 0.4607	0.2502 0.5096	0.4823 0.5445	0.5008	0.4440	Lin1	-0.260	0.5255							0.9960		0.9900
Naphthalene	2.3341 2.5055	1.6016 2.5360	2.4261 2.6175	2.6632	2.4736	Ave		2.3947				14.1		20.0			
1,2,3-Trichlorobenzene	0.9090 0.9839	0.5899 1.0159	1.0148 1.0930	1.0767	0.9935	Ave		0.9596				16.7		20.0			
Dibromofluoromethane (Surr)	1.4985 1.5417	1.4924 1.5102	1.5382 1.5171	1.5513	1.5202	Ave		1.5212				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.8482 0.8400	0.8264 0.8200	0.8481 0.8174	0.8416	0.8322	Ave		0.8342				1.5		20.0			
Toluene-d8 (Surr)	2.3205 2.3242	2.3016 2.2966	2.3073 2.3287	2.3302	2.3085	Ave		2.3147				0.6		20.0			
4-Bromofluorobenzene (Surr)	0.7888 0.7893	0.7707 0.7792	0.7854 0.7782	0.7931	0.7785	Ave		0.7829				1.0		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-524669/9	D30100.D
Level 2	IC 480-524669/10	D30101.D
Level 3	IC 480-524669/11	D30102.D
Level 4	IC 480-524669/12	D30103.D
Level 5	IC 480-524669/13	D30104.D
Level 6	ICIS 480-524669/14	D30105.D
Level 7	IC 480-524669/15	D30106.D
Level 8	IC 480-524669/16	D30107.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
Dichlorodifluoromethane	FB	Lin1	1548 187269	6155 425159	16650 818867	42182	68699	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	4492 257754	11084 516537	21808 1065345	55865	105776	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	2629 174263	6702 383462	15588 769162	39517	67495	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Lin1	1622 176624	6657 384750	14712 768780	38166	70716	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	+++++ 128404	5306 261946	9866 526196	24804	53749	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	+++++ 93243	3773 191098	7739 385476	20614	38475	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	3719 251977	10132 517944	21232 1041050	54384	102141	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	+++++ 226514	7047 512717	19747 1001900	49410	88639	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	2786 186810	6760 375846	15616 743177	39459	76771	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	1067 63127	2239 127474	4640 251334	12553	24797	2.00 125	5.00 250	10.0 500	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Lin1	1961 168836	4380 400127	16291 759648	37446	63671	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethene	FB	Ave	+++++ 162307	5522 366012	15484 704872	36947	64425	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	+++++ 306269	14297 568453	26312 901560	70284	124514	+++++ 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	5556 372743	13521 787033	32977 1585851	81579	149185	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	7982 567552	19078 1165454	51388 2340534	123660	225694	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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
Allyl chloride	FB	Ave	6871 422339	15955 873883	37757 1718417	92959	171491	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	6833 366934	15500 723445	33135 1308745	81805	152641	0.800 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	6401 201377	10246 412085	21195 822606	46367	85529	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	2951 190502	6739 353578	14331 532254	41420	72219	4.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	7776 501938	18332 1008582	41252 2000223	105452	203338	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	2798 192364	7176 408990	16977 804041	42366	76642	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	14931 899143	35639 1720889	75856 2870684	193920	367603	4.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Lin1	4440 314738	7415 760714	33091 1430307	71390	119312	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	6150 395530	13914 832581	35185 1621992	86578	160218	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	16249 1117818	37620 2322506	86827 4720584	218054	445562	0.800 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	2812 178306	6104 370742	16073 720973	39381	71891	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	3003 217264	8028 450181	19056 897906	47944	86628	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	9789 561257	23747 1105602	48181 2015807	126626	229949	2.00 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	1759 121869	4174 255520	10548 499780	27389	51179	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	+++++ 155808	7444 303610	14149 552238	35614	65739	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	6862 374853	14503 776251	33949 1520674	83953	153451	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	+++++ 282652	8950 610809	24167 1234510	61632	112795	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Lin1	+++++ 382383	10040 906929	37012 1747408	86141	145108	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Lin1	+++++ 212703	5338 503418	15998 1045609	39977	77320	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	3917 255100	8698 562960	22932 1099987	57638	100151	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	4074 246668	9776 485112	19365 745935	52987	96346	10.0 625	25.0 1250	50.0 2500	125	250

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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
Benzene	FB	Ave	11953 734633	26851 1531211	65009 2983197	162264	293602	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloroethane	FB	Ave	6086 310499	12832 634622	28806 1223068	69932	126988	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Lin1	+++++ 373645	8941 899842	39723 1822784	84258	144212	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	3032 214474	7607 455876	18265 893741	45903	85711	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Lin1	+++++ 281481	6801 681194	27377 1295012	63591	107464	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	3267 233713	8803 491710	19803 970016	51705	97598	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZ d5	Ave	+++++ 21023	+++++ 42921	1271 59656	4655	7947	+++++ 500	+++++ 1000	40.0 2000	100	200
Dibromomethane	FB	Ave	2015 138433	5155 285405	12322 561159	30007	55325	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromodichloromethane	FB	Ave	4026 282262	9535 597517	23402 1216876	60106	112330	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	2126 144205	5050 308102	11314 639528	29456	57564	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	4722 325271	11847 690565	26384 1400783	68553	128875	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	19865 1258675	49741 2547243	102827 5029729	265225	521309	2.00 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBNZ d5	Ave	8105 490045	17142 1047418	43379 2060209	106760	199406	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	4673 304630	10796 635758	24038 1290342	63477	120236	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZ d5	Ave	2982 227107	7633 474319	18376 1003635	44918	92025	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZ d5	Ave	2409 155555	6104 318189	13807 641183	34068	65366	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZ d5	Ave	3054 226862	6957 489739	20353 965169	50046	87839	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichloropropane	CBNZ d5	Ave	4904 287706	10782 597905	24722 1182554	63138	120211	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBNZ d5	Ave	13519 879916	32965 1781885	71915 3496209	186535	362547	2.00 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBNZ d5	Ave	3302 243348	8088 514749	19023 1036444	49973	95204	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBNZ d5	Ave	3167 209975	7713 432625	17490 866215	45312	85331	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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
Chlorobenzene	CBNZ d5	Ave	10252 591862	21211 1245321	51823 2424636	130473	242359	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBNZ d5	Ave	14709 947655	31408 2008954	82382 3958997	207403	384688	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3183 216485	6948 457757	17179 914694	45856	86889	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
m,p-Xylene	CBNZ d5	Ave	5015 371683	12214 777319	32470 1540265	79931	149975	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
o-Xylene	CBNZ d5	Ave	5049 362023	11902 754569	31824 1453036	78190	145578	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Styrene	CBNZ d5	Ave	8402 628296	18943 1318816	51957 2550424	134010	249919	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromoform	CBNZ d5	Ave	2122 155827	4858 322933	11081 647923	30562	59368	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Isopropylbenzene	DCBd 4	Ave	13142 929248	27270 1978895	80973 3823171	204539	366881	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromobenzene	DCBd 4	Ave	4330 272792	9522 568521	25093 1100087	61406	111816	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4093 253659	9761 502222	21905 965673	55489	104666	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
N-Propylbenzene	DCBd 4	Ave	16089 1136063	31091 2403454	103972 4601529	248503	451714	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1315 94920	3535 192122	7537 371753	20076	38224	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 70008	2709 138786	6057 260622	15623	29156	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chlorotoluene	DCBd 4	Ave	3441 234553	7039 489208	20628 946519	52034	93564	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	11206 799958	22244 1655150	68121 3202718	173536	318657	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Chlorotoluene	DCBd 4	Ave	3545 252315	7554 515888	21365 990234	54359	99937	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd 4	Ave	2225 160500	4112 339741	13968 645059	34247	64141	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	10838 815868	23566 1694904	71164 3251539	177607	328144	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd 4	Ave	14557 991830	25188 2129576	88649 4043737	217983	393020	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd 4	Ave	12124 865373	21636 1819196	75746 3498236	184386	336542	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	7782 496052	15486 1002245	45561 1935220	108975	201380	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1 Analy Batch No.: 524669

SDG No.:

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2020 14:46 Calibration End Date: 04/07/2020 17:28 Calibration ID: 39126

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
1,4-Dichlorobenzene	DCBd 4	Ave	8037 504245	16311 1021071	45244 1951142	110665	205685	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd 4	Ave	11337 791641	18445 1696020	67313 3224290	169184	311020	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	7576 483607	15526 989940	42701 1891661	106190	198568	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin1	417 41580	1111 85178	3257 150388	8939	16198	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	5126 345587	8302 691787	27548 1433114	74064	134504	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd 4	Lin1	+++++ 151920	3369 325588	12932 678441	33235	58080	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Naphthalene	DCBd 4	Ave	12780 826278	21562 1620395	65049 3261389	176754	323586	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	4977 324480	7942 649121	27209 1361853	71463	129965	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	232235 225194	229870 223986	231556 222427	230494	227969	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	131453 122704	127293 121623	127671 119837	125047	124794	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZ d5	Ave	784526 752599	774643 752264	766071 751869	761119	758422	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	266694 255578	259404 255228	260768 251262	259056	255752	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Lims ID: IC 0.4
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Apr-2020 14:46:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.4
Misc. Info.: 480-0089373-009
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:21 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 10:18:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.519	5.525	-0.006	98	154975	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	87	338092	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	342208	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	93	232235	25.0	24.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	131453	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	784526	25.0	25.1	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.872	-0.006	92	266694	25.0	25.2	
10 Dichlorodifluoromethane	85	1.514	1.508	0.006	85	1548	0.4000	0.4147	
12 Chloromethane	50	1.734	1.727	0.007	96	4492	0.4000	0.4029	
144 Butadiene	54	1.843	1.843	0.000	82	2629	0.4000	0.3500	
13 Vinyl chloride	62	1.856	1.849	0.007	85	1622	0.4000	0.3992	
14 Bromomethane	94	2.209	2.209	0.000	53	3678	0.4000	0.6842	
15 Chloroethane	64	2.288	2.288	0.000	71	1030	0.4000	0.2568	
16 Dichlorofluoromethane	67	2.551	2.550	0.001	93	3719	0.4000	0.3507	
17 Trichlorofluoromethane	101	2.557	2.557	0.000	0	2582	0.4000	0.2672	M
18 Ethyl ether	59	2.819	2.825	-0.006	91	2786	0.4000	0.3618	
20 Acrolein	56	3.020	3.020	0.000	0	1067	2.00	2.08	M
21 1,1,2-Trichloro-1,2,2-trif	101	3.038	3.044	-0.006	76	1961	0.4000	0.4807	
22 1,1-Dichloroethene	96	3.069	3.069	0.000	91	2089	0.4000	0.2932	
23 Acetone	43	3.172	3.172	0.000	97	7383	2.00	2.88	
25 Iodomethane	142	3.239	3.239	0.000	95	5556	0.4000	0.3530	
26 Carbon disulfide	76	3.288	3.288	0.000	98	7982	0.4000	0.3398	
28 3-Chloro-1-propene	41	3.410	3.416	-0.006	88	6871	0.4000	0.3814	
27 Methyl acetate	43	3.453	3.453	0.000	0	6833	0.8000	0.8602	M
30 Methylene Chloride	84	3.563	3.575	-0.012	0	6401	0.4000	0.4063	M
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	91	2951	4.00	4.02	
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	97	7776	0.4000	0.3755	
34 trans-1,2-Dichloroethene	96	3.764	3.770	-0.006	90	2798	0.4000	0.3448	
33 Acrylonitrile	53	3.819	3.825	-0.006	93	14931	4.00	4.05	
35 Hexane	57	3.934	3.934	0.000	92	4440	0.4000	0.4949	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.148	4.154	-0.006	92	6150	0.4000	0.3687	
37 Vinyl acetate	43	4.184	4.184	0.000	96	16249	0.8000	0.7210	
44 2,2-Dichloropropane	77	4.605	4.611	-0.006	0	2812	0.4000	0.3748	M
45 cis-1,2-Dichloroethene	96	4.636	4.642	-0.006	83	3003	0.4000	0.3315	
43 2-Butanone (MEK)	43	4.666	4.660	0.006	0	9789	2.00	2.04	M
48 Chlorobromomethane	128	4.849	4.849	0.000	92	1759	0.4000	0.3447	
49 Tetrahydrofuran	42	4.861	4.861	0.000	94	3699	0.8000	1.08	
50 Chloroform	83	4.904	4.904	0.000	94	6862	0.4000	0.4197	
51 1,1,1-Trichloroethane	97	5.001	5.007	-0.006	0	3478	0.4000	0.2906	M
52 Cyclohexane	56	5.013	5.013	0.000	92	4673	0.4000	0.6184	
55 Carbon tetrachloride	117	5.117	5.123	-0.006	72	2215	0.4000	0.9075	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	83	3917	0.4000	0.3604	
53 Isobutyl alcohol	43	5.288	5.282	0.006	0	4074	10.0	10.3	M
57 Benzene	78	5.306	5.306	0.000	90	11953	0.4000	0.3836	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	92	6086	0.4000	0.4425	
59 n-Heptane	43	5.422	5.422	0.000	96	6184	0.4000	0.7586	
62 Trichloroethene	95	5.800	5.806	-0.006	88	3032	0.4000	0.3409	
64 Methylcyclohexane	83	5.904	5.903	0.001	91	3594	0.4000	0.6645	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	83	3267	0.4000	0.3328	
66 1,4-Dioxane	88		6.111				ND	ND	
67 Dibromomethane	93	6.117	6.123	-0.006	94	2015	0.4000	0.3481	
68 Dichlorobromomethane	83	6.227	6.233	-0.006	0	4026	0.4000	0.3457	M
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	0	2126	0.4000	0.3571	M
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	90	4722	0.4000	0.3499	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.653	0.000	98	19865	2.00	1.90	
74 Toluene	92	6.788	6.794	-0.006	98	8105	0.4000	0.3910	
75 Ethyl methacrylate	69	7.001	7.001	0.000	85	2982	0.4000	0.3266	
77 trans-1,3-Dichloropropene	75	6.995	7.001	-0.006	93	4673	0.4000	0.3752	
79 1,1,2-Trichloroethane	83	7.153	7.159	-0.006	85	2409	0.4000	0.3654	
81 Tetrachloroethene	166	7.214	7.214	0.000	80	3054	0.4000	0.3298	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	90	4904	0.4000	0.4009	
80 2-Hexanone	43	7.306	7.312	-0.006	97	13519	2.00	1.87	
83 Chlorodibromomethane	129	7.476	7.482	-0.006	89	3302	0.4000	0.3393	
84 Ethylene Dibromide	107	7.574	7.580	-0.006	96	3167	0.4000	0.3645	
87 Chlorobenzene	112	7.934	7.934	0.000	97	10252	0.4000	0.4079	
88 Ethylbenzene	91	7.982	7.982	0.000	97	14709	0.4000	0.3732	
89 1,1,1,2-Tetrachloroethane	131	7.995	8.001	-0.006	92	3183	0.4000	0.3628	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	98	5015	0.4000	0.3315	
91 o-Xylene	106	8.409	8.409	0.000	98	5049	0.4000	0.3427	
92 Styrene	104	8.427	8.433	-0.006	92	8402	0.4000	0.3359	
95 Bromoform	173	8.647	8.647	0.000	89	2122	0.4000	0.3520	
94 Isopropylbenzene	105	8.696	8.696	0.000	96	13142	0.4000	0.3442	
101 Bromobenzene	156	9.007	9.007	0.000	93	4330	0.4000	0.3714	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	85	4093	0.4000	0.3824	
99 N-Propylbenzene	91	9.037	9.037	0.000	98	16089	0.4000	0.3454	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	69	1315	0.4000	0.3393	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	853	0.4000	0.2862	
103 2-Chlorotoluene	126	9.141	9.147	-0.006	97	3441	0.4000	0.3555	
102 1,3,5-Trimethylbenzene	105	9.171	9.177	-0.006	93	11206	0.4000	0.3469	
105 4-Chlorotoluene	126	9.232	9.238	-0.006	95	3545	0.4000	0.3479	
106 tert-Butylbenzene	134	9.452	9.452	0.000	93	2225	0.4000	0.3445	
107 1,2,4-Trimethylbenzene	105	9.494	9.500	-0.006	94	10838	0.4000	0.3281	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.628	9.634	-0.006	94	14557	0.4000	0.3588	
110 4-Isopropyltoluene	119	9.744	9.744	0.000	96	12124	0.4000	0.3495	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	93	7782	0.4000	0.3766	
113 1,4-Dichlorobenzene	146	9.854	9.860	-0.006	92	8037	0.4000	0.3819	
115 n-Butylbenzene	91	10.098	10.098	0.000	97	11337	0.4000	0.3578	
116 1,2-Dichlorobenzene	146	10.183	10.189	-0.006	96	7576	0.4000	0.3758	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.878	-0.006	1	417	0.4000	0.4007	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	93	5126	0.4000	0.3742	
120 Hexachlorobutadiene	225	11.598	11.597	0.001	85	2250	0.4000	0.8079	
121 Naphthalene	128	11.719	11.726	-0.007	0	12780	0.4000	0.3899	M
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	0	4977	0.4000	0.3789	M
S 124 Xylenes, Total	1				0			0.6742	
S 123 Total BTEX	1				0			1.82	
S 125 1,2-Dichloroethene, Total	1				0			0.6763	
S 126 1,3-Dichloropropene, Total	1				0			0.7251	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00182	Amount Added:	0.40	Units: uL	
GAS CORP mix_00393	Amount Added:	0.40	Units: uL	
D 8260 IS/SUR_00012	Amount Added:	1.00	Units: uL	Run Reagent

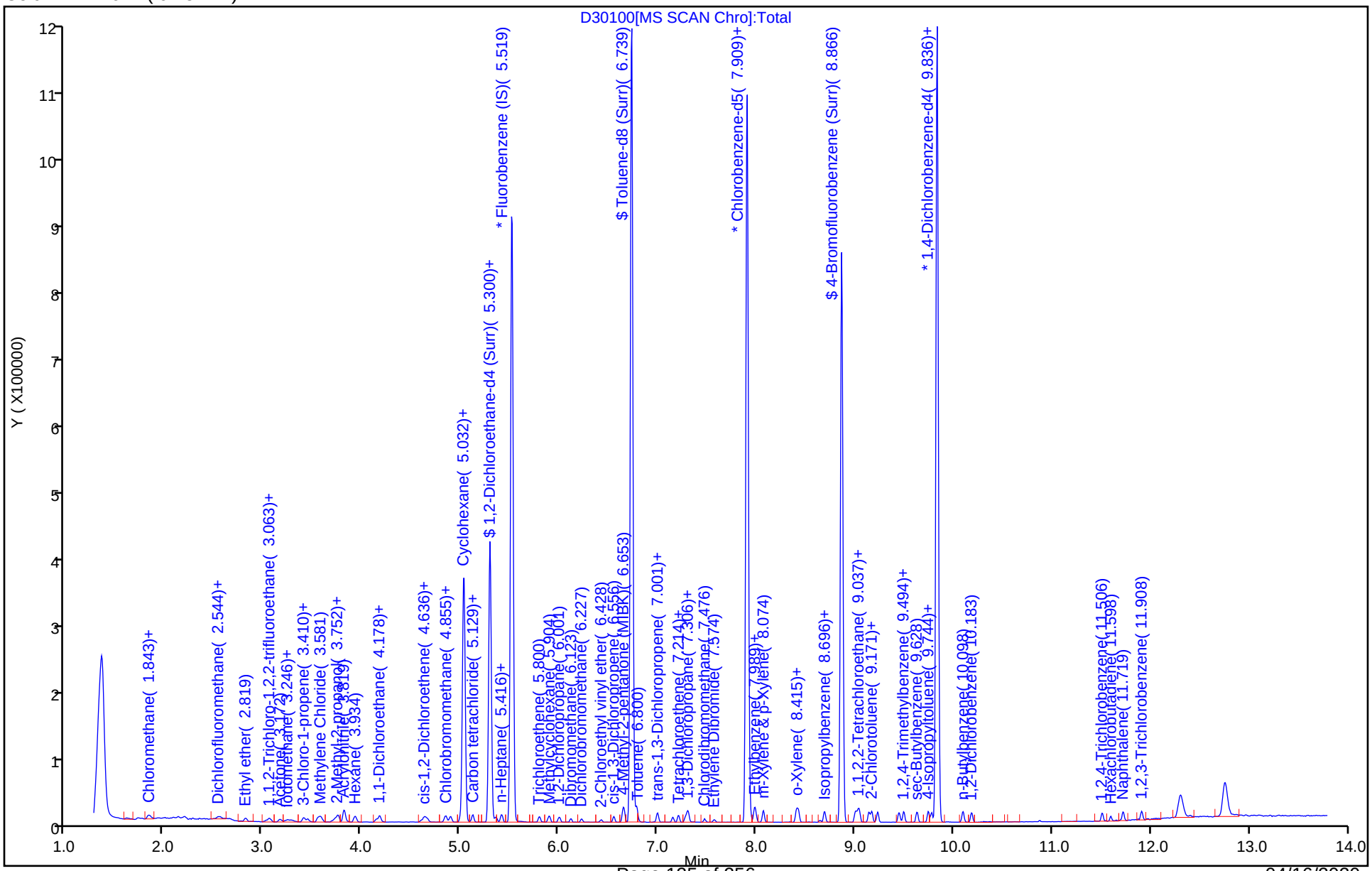
Report Date: 08-Apr-2020 11:45:22 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D

Injection Date:	07-Apr-2020 14:46:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC 0.4			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo

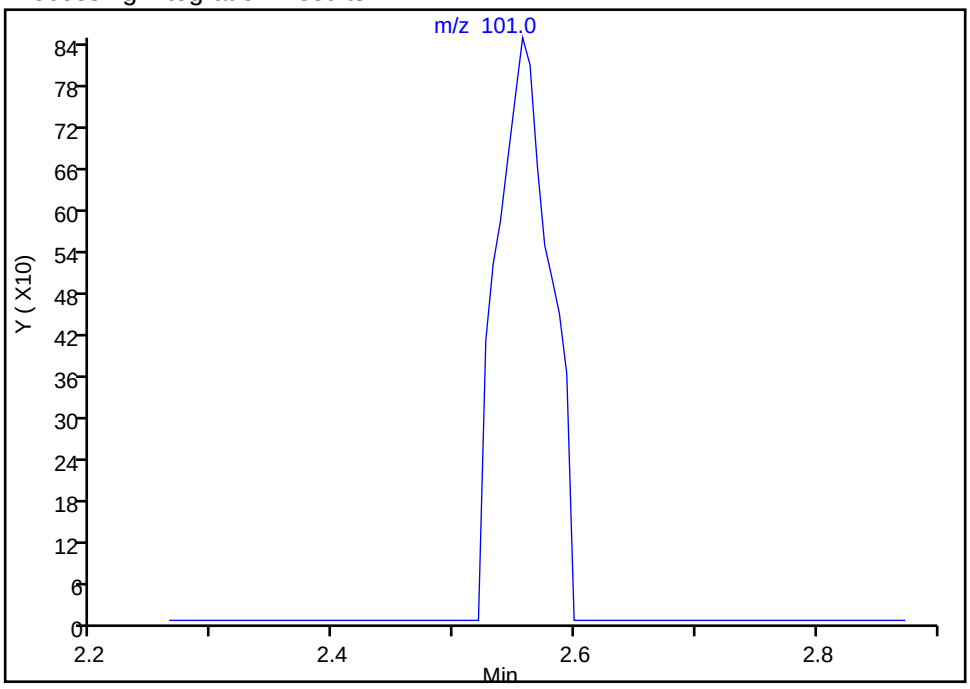
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

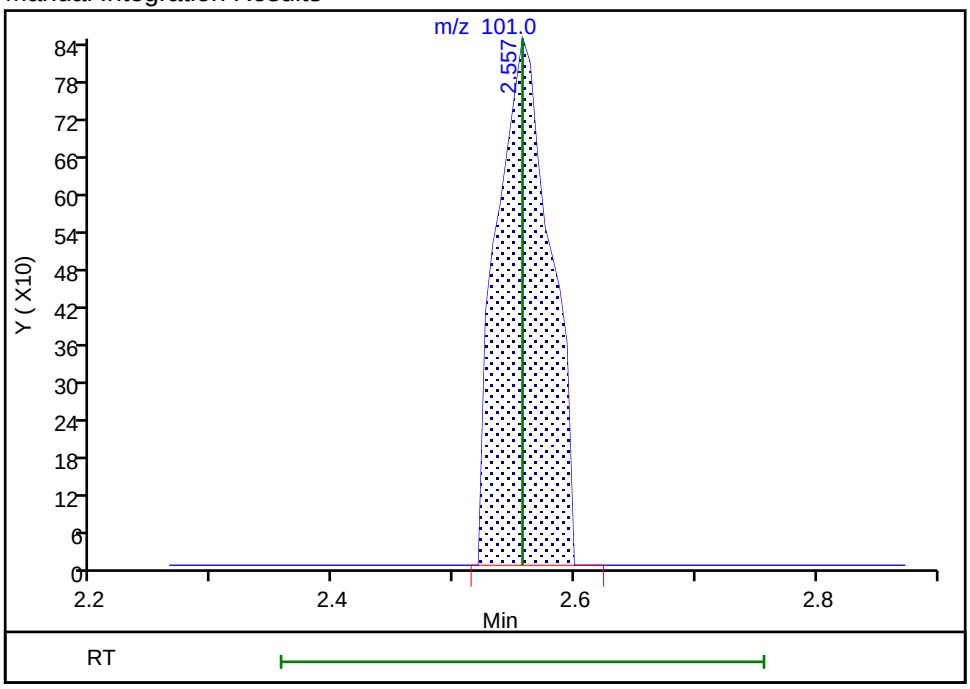
Not Detected
Expected RT: 2.56

Processing Integration Results



Manual Integration Results

RT: 2.56
Area: 2582
Amount: 0.267207
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:04
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

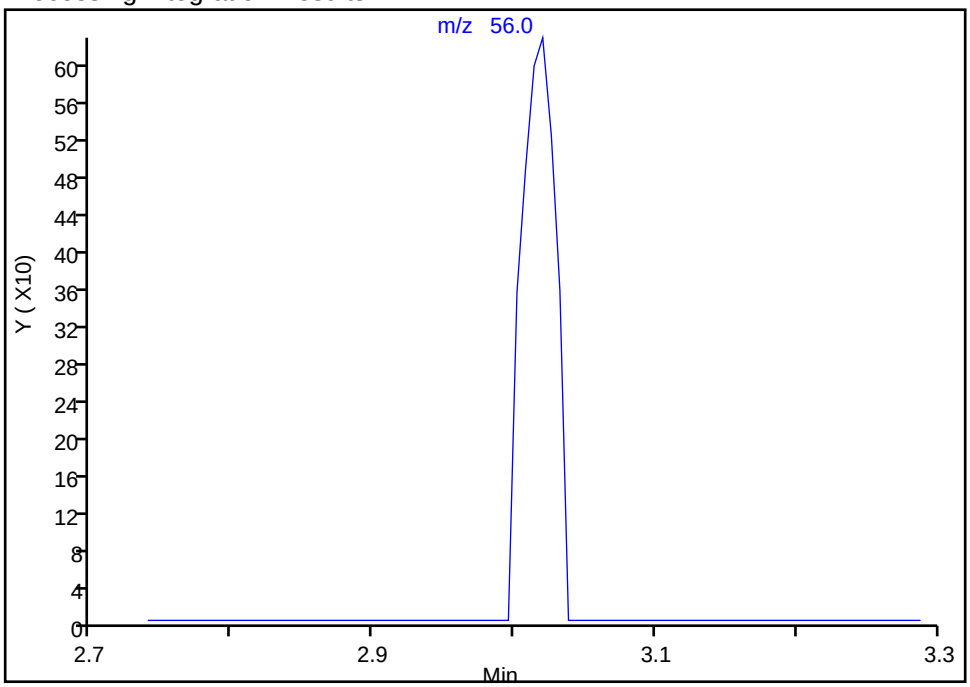
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

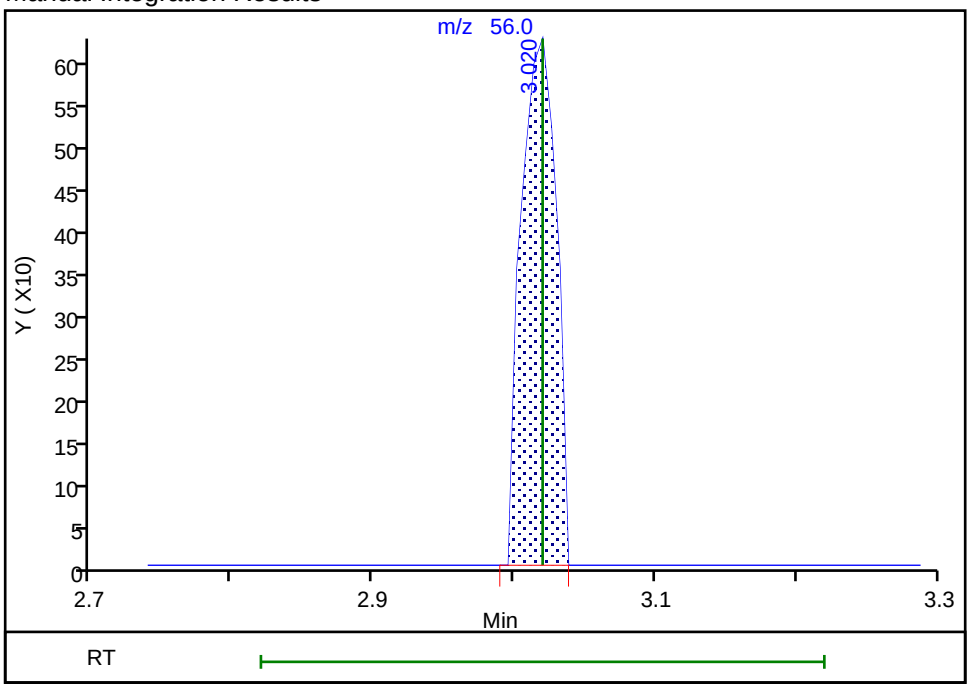
Not Detected
Expected RT: 3.02

Processing Integration Results



Manual Integration Results

RT: 3.02
Area: 1067
Amount: 2.083018
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:10
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

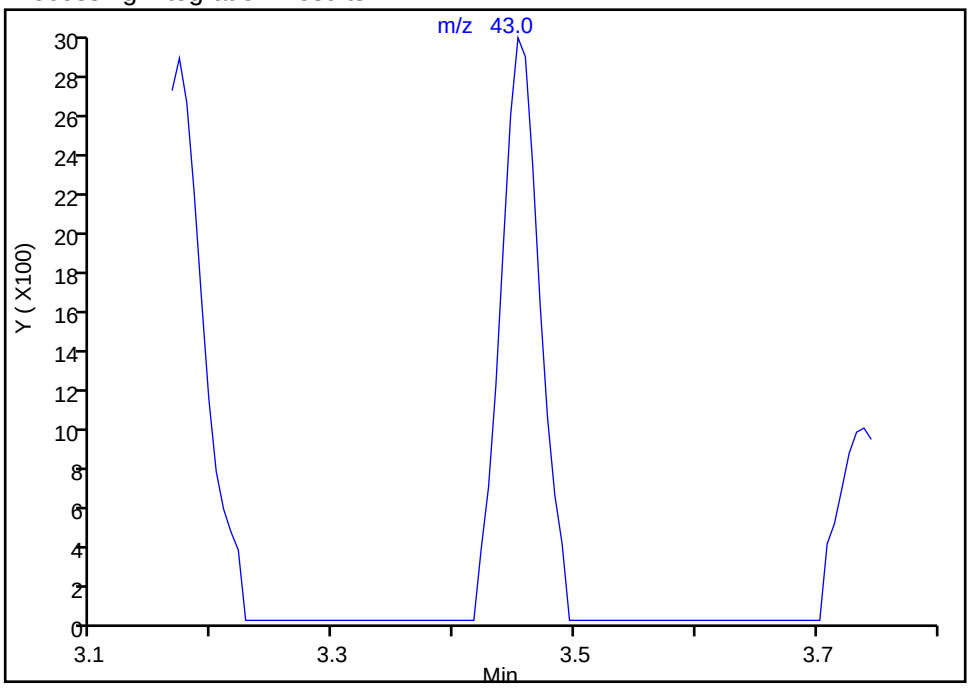
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

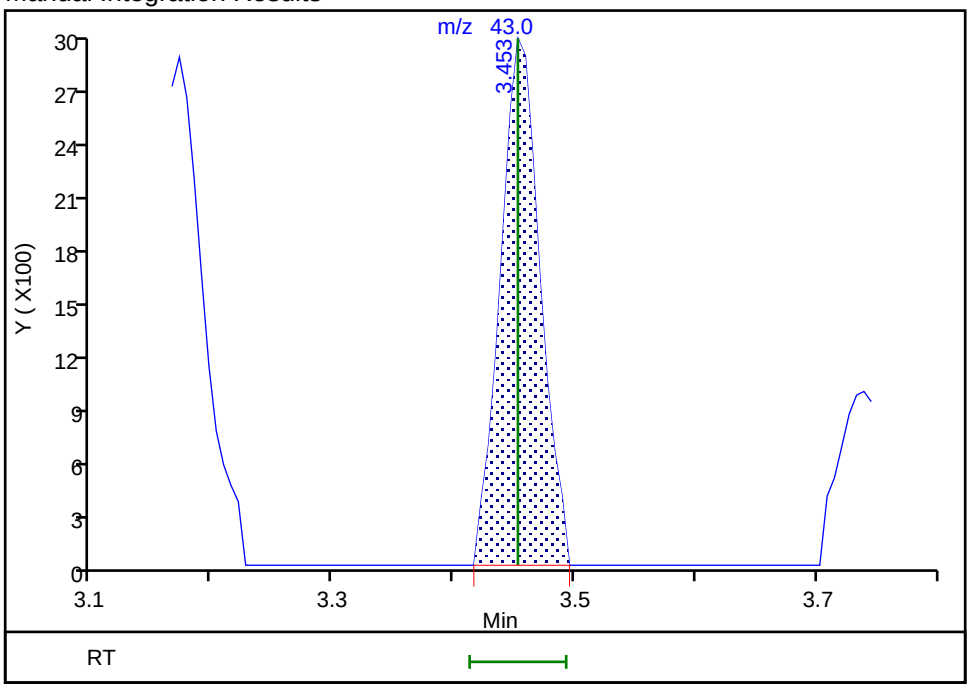
Not Detected
Expected RT: 3.45

Processing Integration Results



Manual Integration Results

RT: 3.45
Area: 6833
Amount: 0.860191
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:19
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

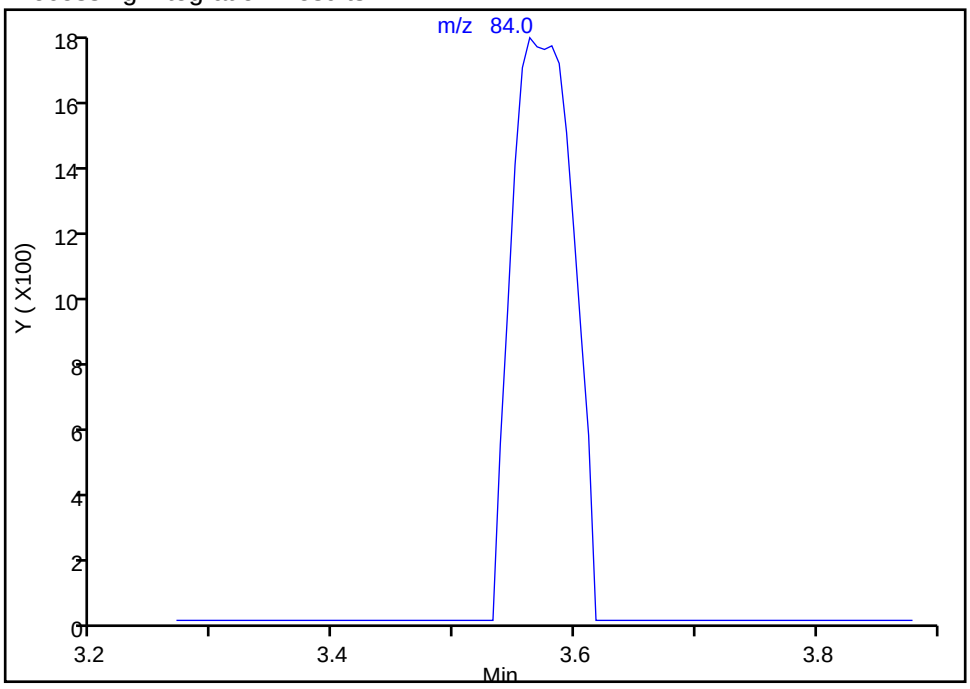
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

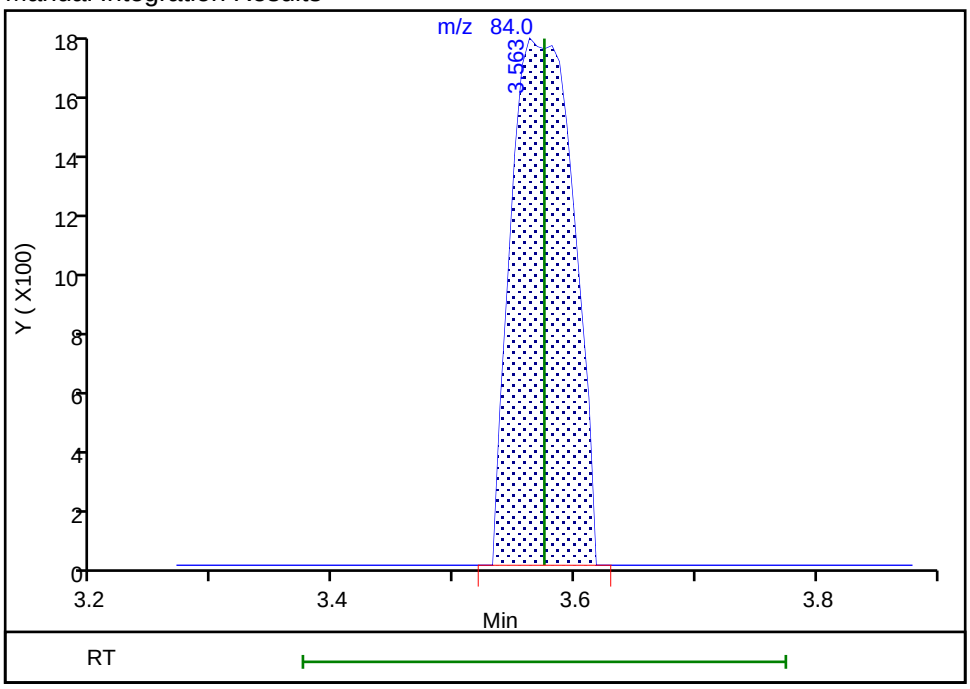
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.56
Area: 6401
Amount: 0.406328
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:25
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

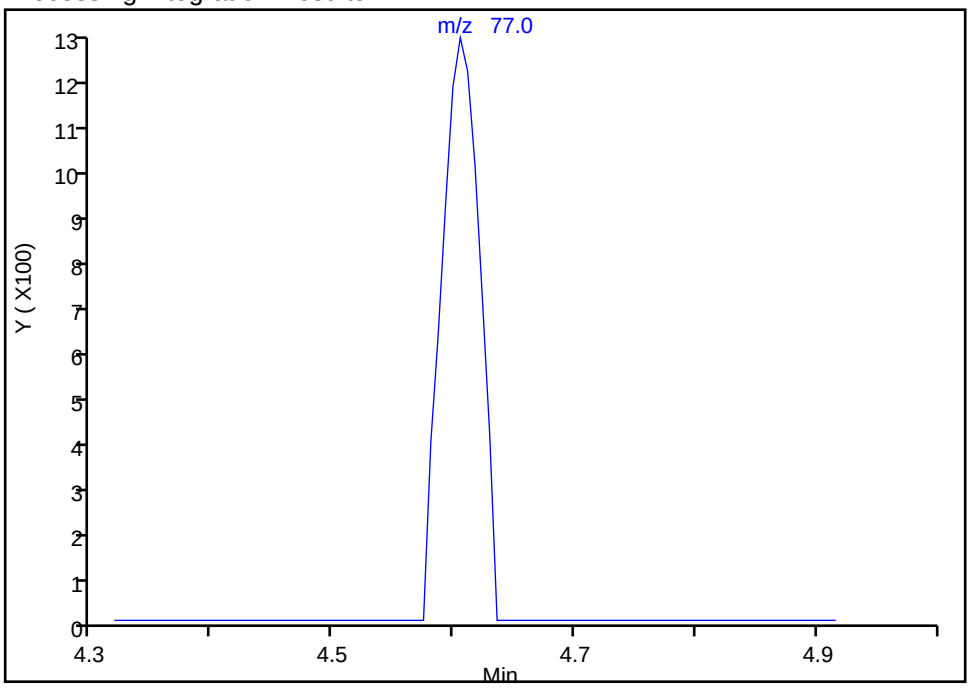
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

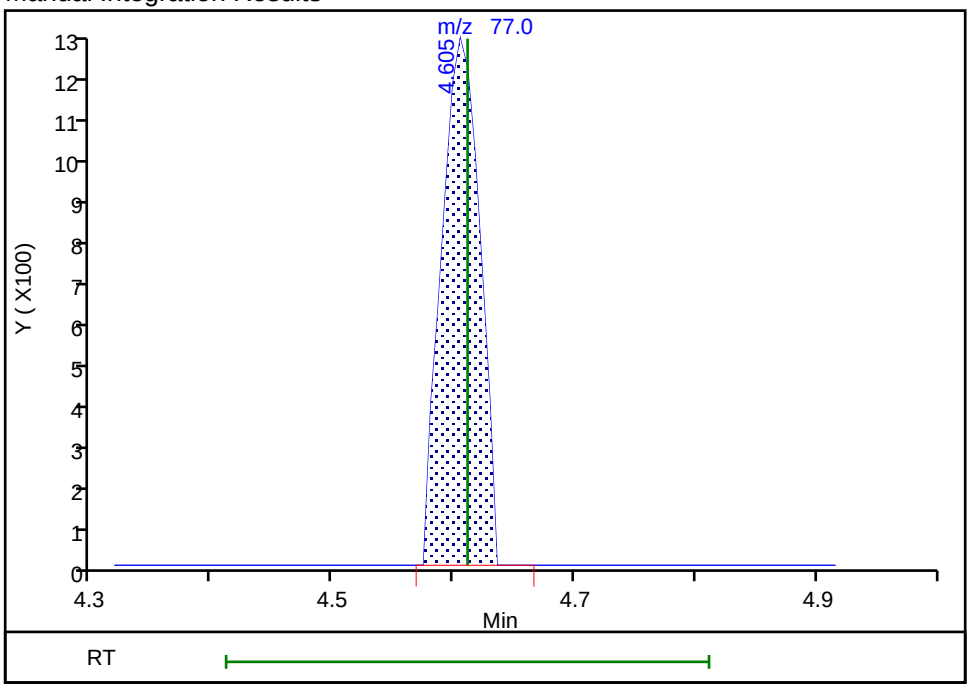
Not Detected
Expected RT: 4.61

Processing Integration Results



Manual Integration Results

RT: 4.61
Area: 2812
Amount: 0.374776
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:34
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

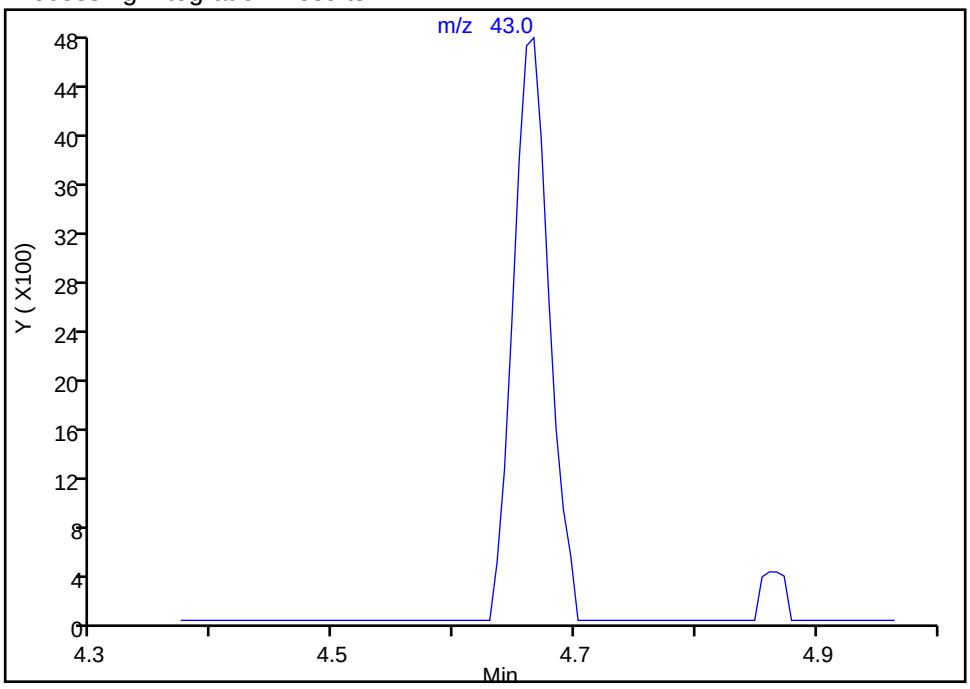
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

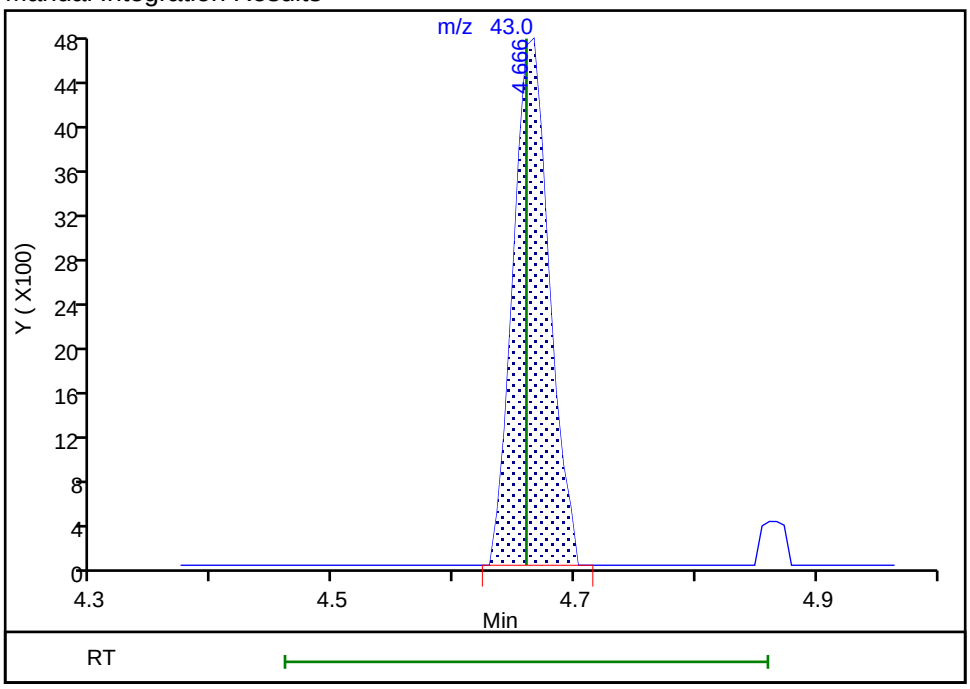
Not Detected
Expected RT: 4.66

Processing Integration Results



Manual Integration Results

RT: 4.67
Area: 9789
Amount: 2.043890
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:41
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

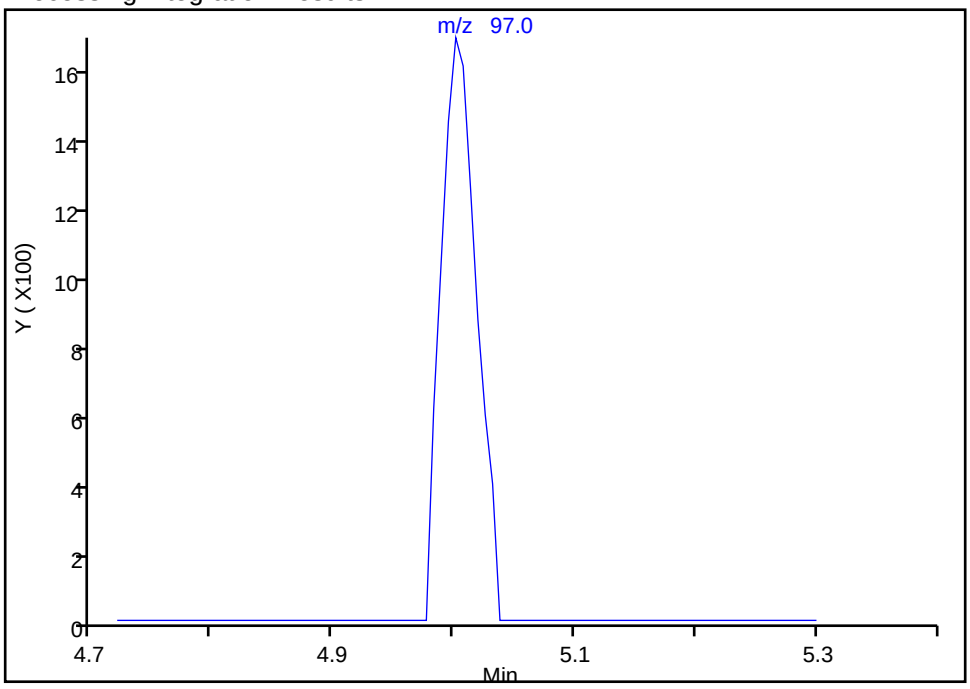
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

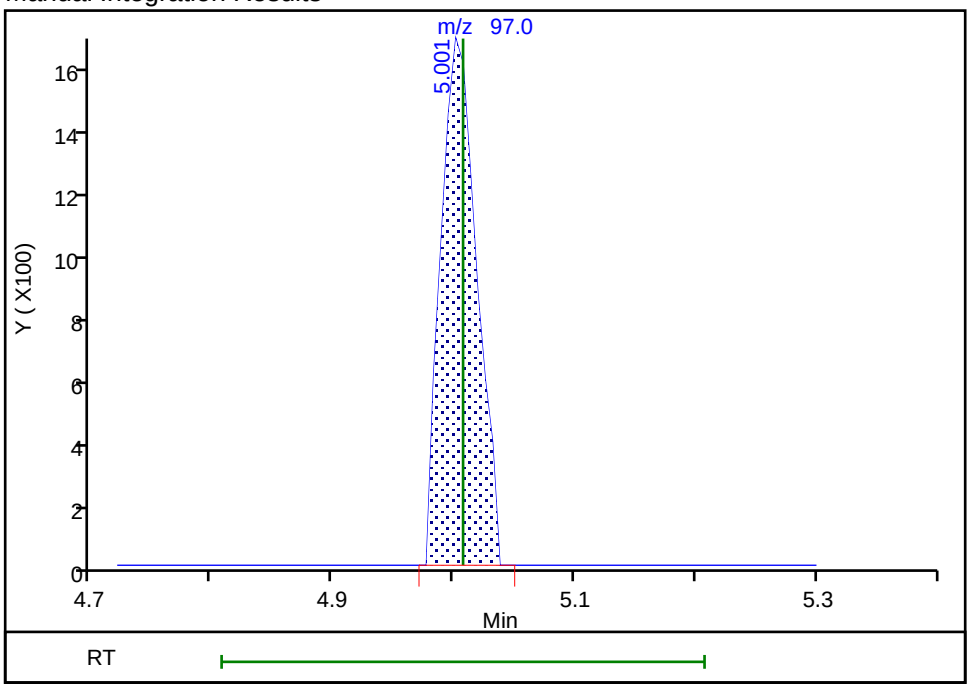
Not Detected
Expected RT: 5.01

Processing Integration Results



Manual Integration Results

RT: 5.00
Area: 3478
Amount: 0.290639
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:48
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

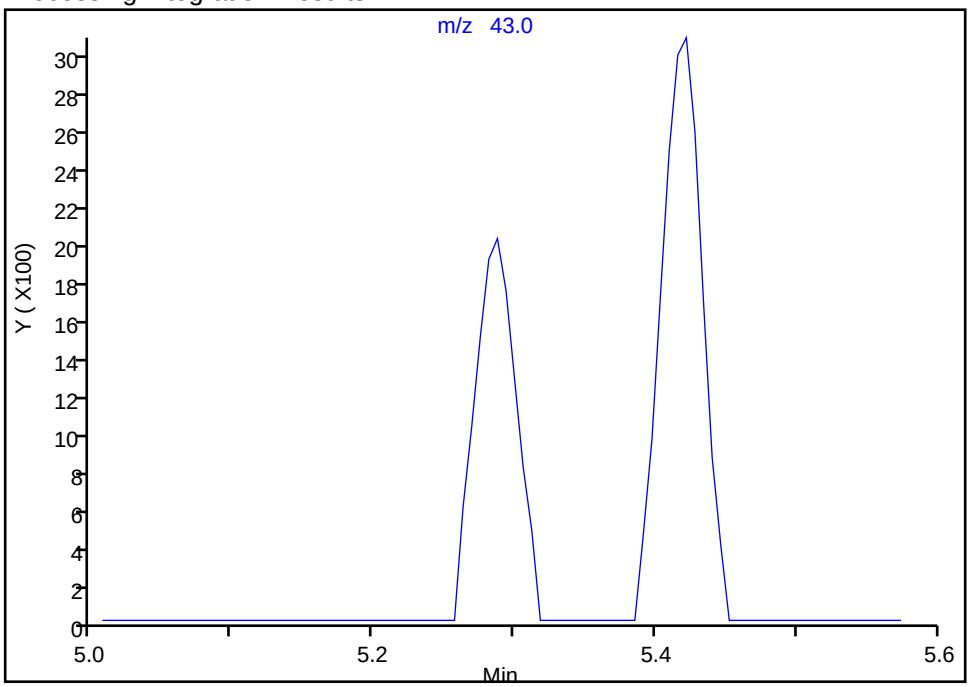
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

53 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

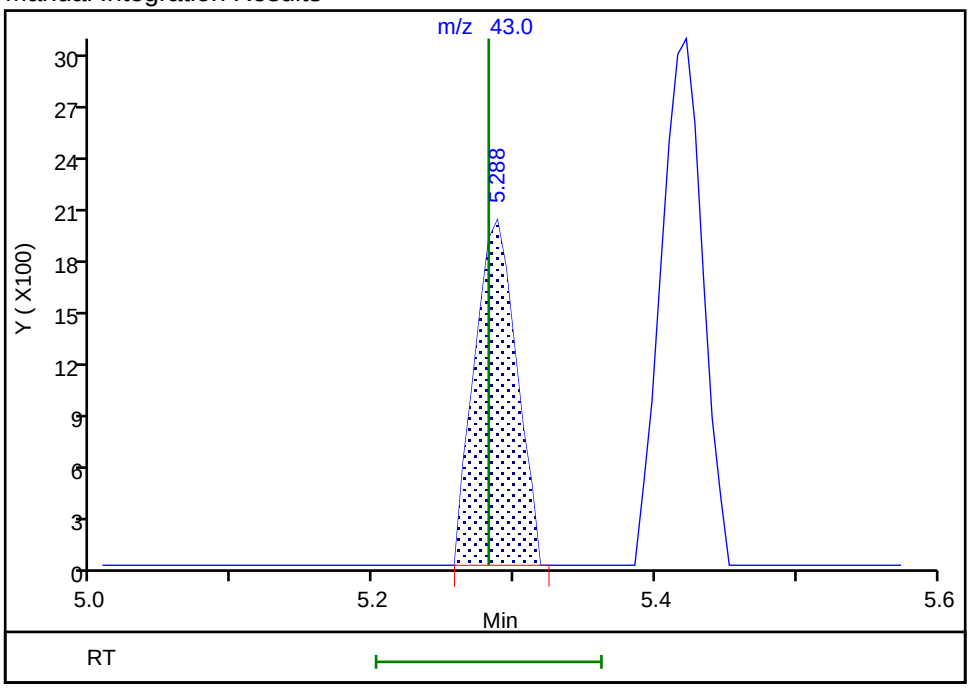
Not Detected
Expected RT: 5.28

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 4074
Amount: 10.250367
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:17:58
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

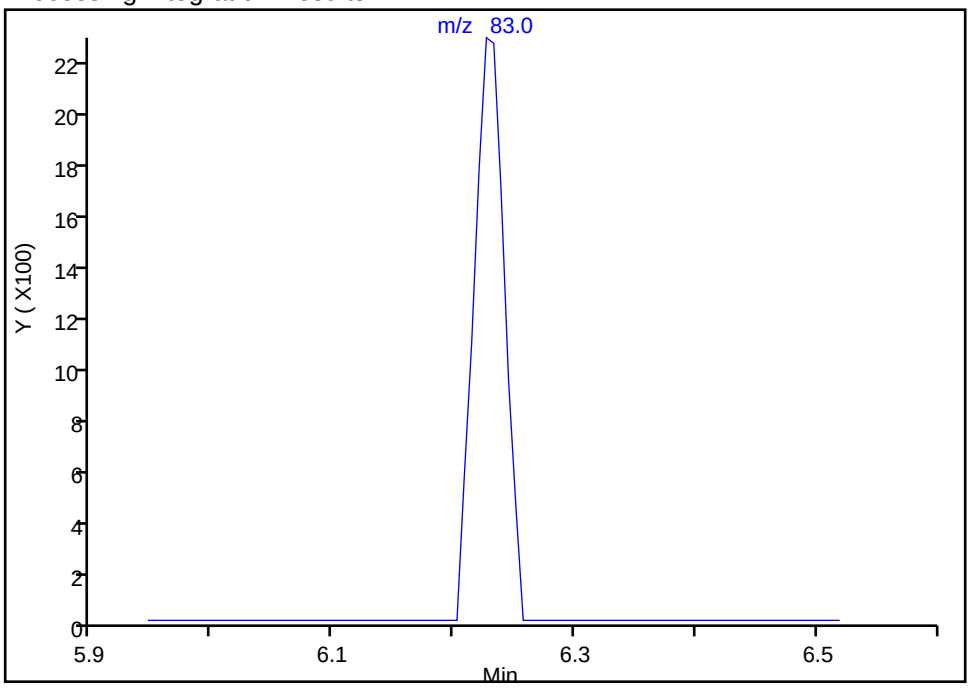
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

68 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

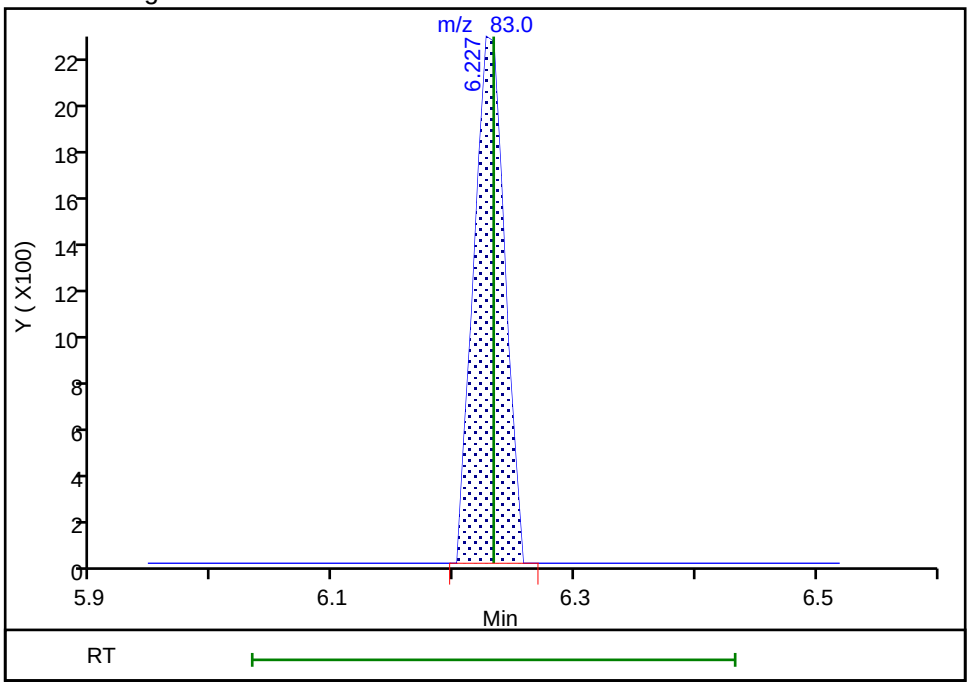
Not Detected
Expected RT: 6.23

Processing Integration Results



Manual Integration Results

RT: 6.23
Area: 4026
Amount: 0.345654
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:18:08
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo

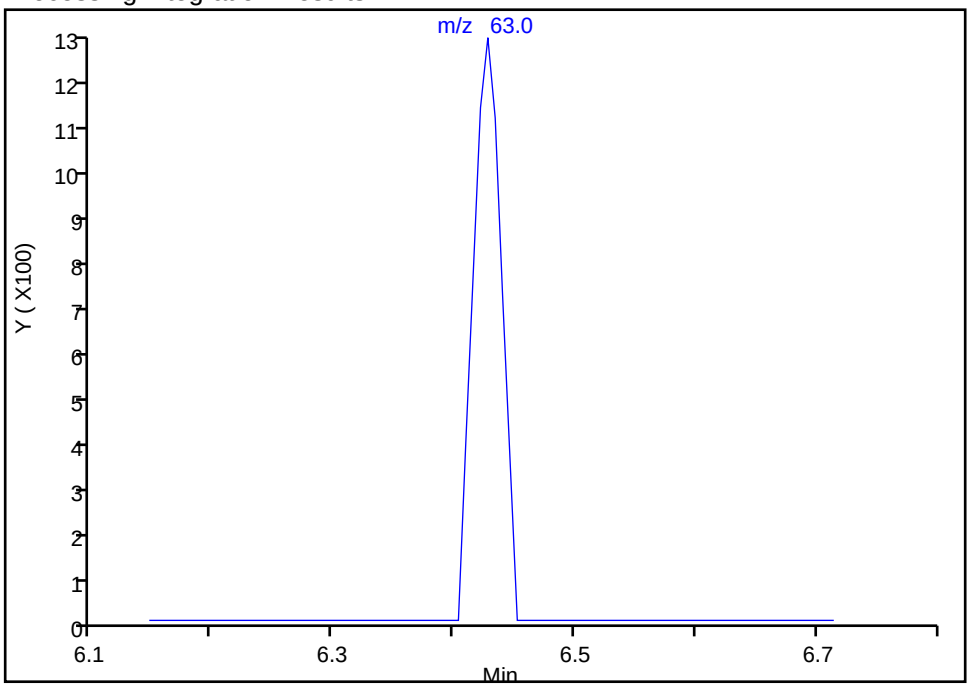
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

69 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

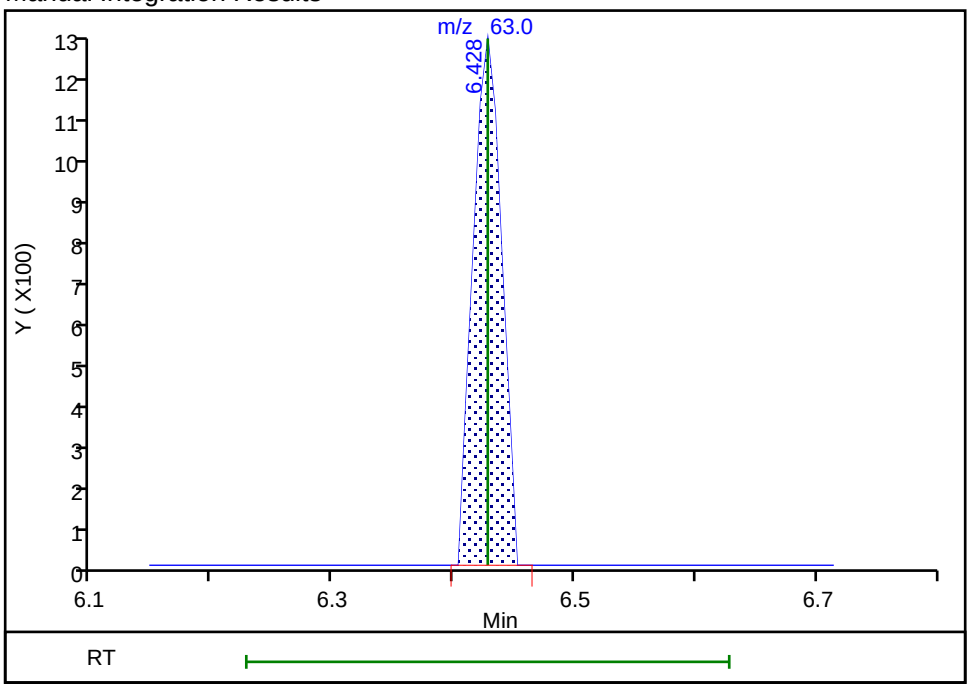
Not Detected
Expected RT: 6.43

Processing Integration Results



Manual Integration Results

RT: 6.43
Area: 2126
Amount: 0.357072
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:18:12
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

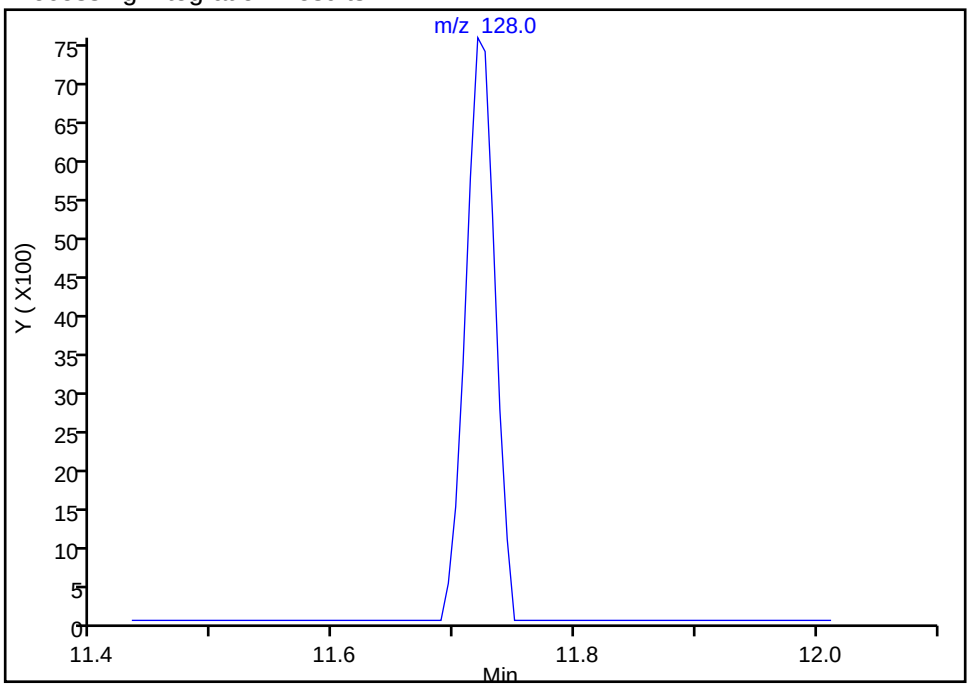
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D
Injection Date: 07-Apr-2020 14:46:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

121 Naphthalene, CAS: 91-20-3

Signal: 1

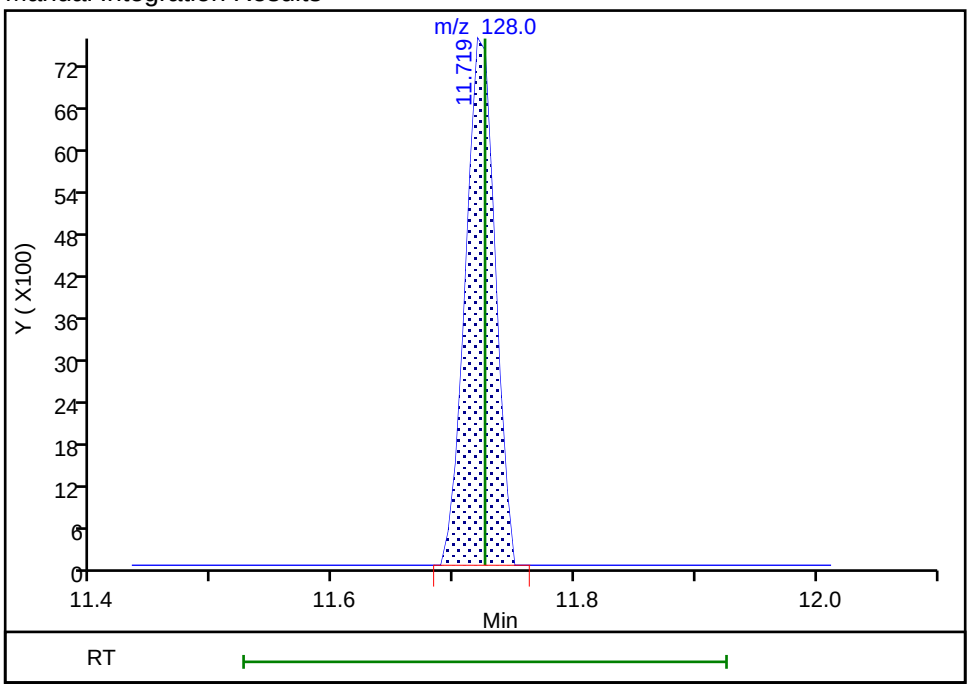
Not Detected
Expected RT: 11.73

Processing Integration Results



Manual Integration Results

RT: 11.72
Area: 12780
Amount: 0.389879
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:18:28
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

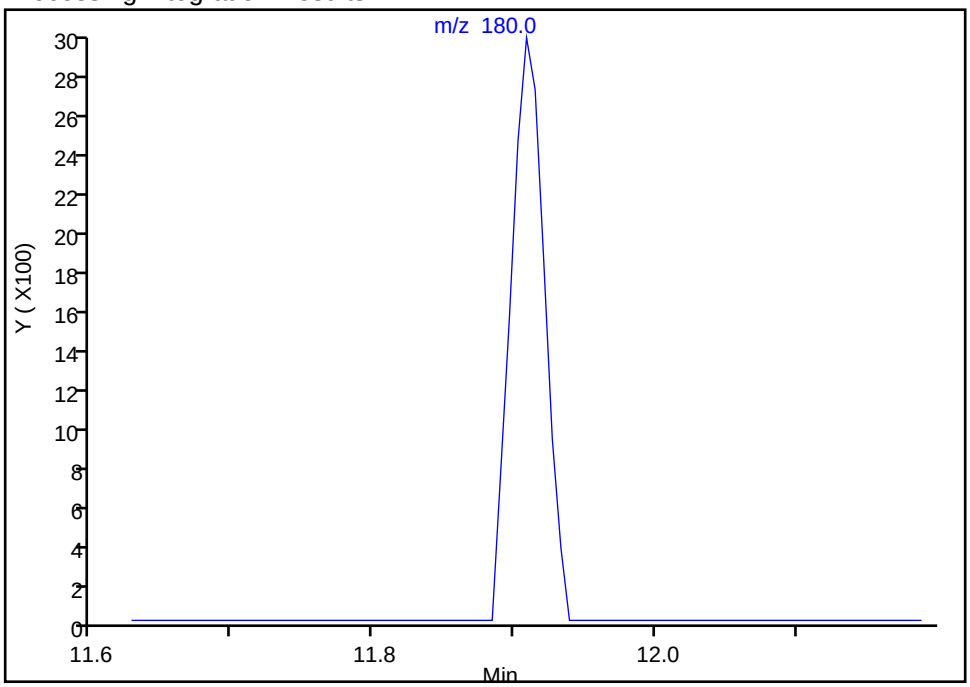
Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30100.D				
Injection Date:	07-Apr-2020 14:46:30	Instrument ID:	HP5975D		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	LH	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	D-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

122 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

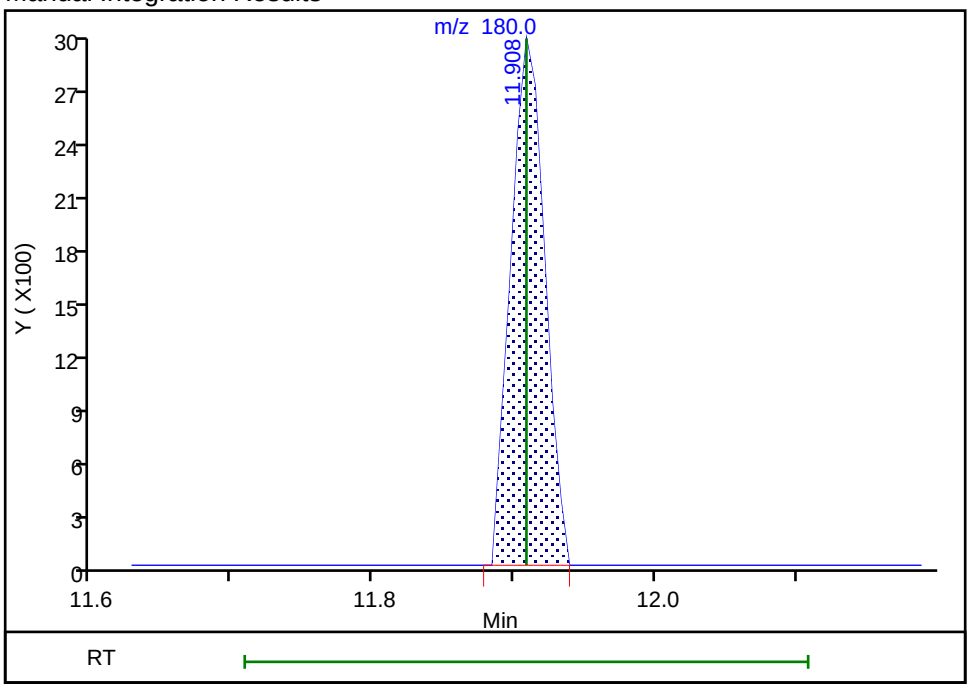
Not Detected
Expected RT: 11.91

Processing Integration Results



Manual Integration Results

RT: 11.91
Area: 4977
Amount: 0.378904
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:18:36
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Apr-2020 15:09:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0089373-010
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:24 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 10:21:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.519	5.525	-0.006	98	154031	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	87	336562	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	336568	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	93	229870	25.0	24.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	127293	25.0	24.8	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	774643	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.872	-0.006	92	259404	25.0	24.6	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	95	6155	1.00	0.9544	
12 Chloromethane	50	1.727	1.727	0.000	95	11084	1.00	1.00	
144 Butadiene	54	1.843	1.843	0.000	89	6702	1.00	0.8976	
13 Vinyl chloride	62	1.843	1.849	-0.006	73	6657	1.00	1.03	
14 Bromomethane	94	2.209	2.209	0.000	86	5306	1.00	0.99	M
15 Chloroethane	64	2.288	2.288	0.000	85	3773	1.00	0.9463	
16 Dichlorofluoromethane	67	2.544	2.550	-0.006	93	10132	1.00	0.9612	
17 Trichlorofluoromethane	101	2.556	2.557	-0.001	90	7047	1.00	0.7338	
18 Ethyl ether	59	2.819	2.825	-0.006	93	6760	1.00	0.8832	
20 Acrolein	56	3.014	3.020	-0.006	0	2239	5.00	4.40	M
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.044	0.000	84	4380	1.00	0.7872	
22 1,1-Dichloroethene	96	3.069	3.069	0.000	92	5522	1.00	0.7797	
23 Acetone	43	3.172	3.172	0.000	98	14297	5.00	5.60	
25 Iodomethane	142	3.239	3.239	0.000	99	13521	1.00	0.8642	
26 Carbon disulfide	76	3.288	3.288	0.000	99	19078	1.00	0.8172	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	89	15955	1.00	0.8910	
27 Methyl acetate	43	3.453	3.453	0.000	100	15500	2.00	1.96	
30 Methylene Chloride	84	3.575	3.575	0.000	92	10246	1.00	0.8600	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	97	6739	10.0	9.23	
32 Methyl tert-butyl ether	73	3.739	3.745	-0.006	96	18332	1.00	0.8908	
34 trans-1,2-Dichloroethene	96	3.764	3.770	-0.006	93	7176	1.00	0.8897	
33 Acrylonitrile	53	3.818	3.825	-0.007	94	35639	10.0	9.72	
35 Hexane	57	3.934	3.934	0.000	92	7415	1.00	0.6957	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.148	4.154	-0.006	93	13914	1.00	0.8393	
37 Vinyl acetate	43	4.184	4.184	0.000	97	37620	2.00	1.68	
44 2,2-Dichloropropane	77	4.605	4.611	-0.006	89	6104	1.00	0.8185	
45 cis-1,2-Dichloroethene	96	4.635	4.642	-0.007	82	8028	1.00	0.8917	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	23747	5.00	4.99	
48 Chlorobromomethane	128	4.843	4.849	-0.006	93	4174	1.00	0.8230	
49 Tetrahydrofuran	42	4.861	4.861	0.000	93	7444	2.00	2.19	
50 Chloroform	83	4.904	4.904	0.000	95	14503	1.00	0.8925	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	0	8950	1.00	0.7525	M
52 Cyclohexane	56	5.013	5.013	0.000	93	10040	1.00	0.9148	
55 Carbon tetrachloride	117	5.123	5.123	0.000	92	5338	1.00	1.20	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	92	8698	1.00	0.8053	
53 Isobutyl alcohol	43	5.288	5.282	0.006	92	9776	25.0	24.7	
57 Benzene	78	5.306	5.306	0.000	95	26851	1.00	0.8671	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	93	12832	1.00	0.9387	
59 n-Heptane	43	5.422	5.422	0.000	97	8941	1.00	0.9091	
62 Trichloroethene	95	5.800	5.806	-0.006	95	7607	1.00	0.8606	
64 Methylcyclohexane	83	5.903	5.903	0.000	95	6801	1.00	0.9029	
65 1,2-Dichloropropane	63	6.001	6.007	-0.006	92	8803	1.00	0.9022	
66 1,4-Dioxane	88	6.111	6.111	0.000	0	493	20.0	12.3	M
67 Dibromomethane	93	6.123	6.123	0.000	94	5155	1.00	0.8959	
68 Dichlorobromomethane	83	6.233	6.233	0.000	95	9535	1.00	0.8236	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	86	5050	1.00	0.8534	
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	90	11847	1.00	0.8832	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.653	0.000	98	49741	5.00	4.78	
74 Toluene	92	6.787	6.794	-0.007	96	17142	1.00	0.8306	
75 Ethyl methacrylate	69	7.001	7.001	0.000	92	7633	1.00	0.8399	
77 trans-1,3-Dichloropropene	75	6.995	7.001	-0.006	96	10796	1.00	0.8707	
79 1,1,2-Trichloroethane	83	7.153	7.159	-0.006	91	6104	1.00	0.9301	
81 Tetrachloroethene	166	7.214	7.214	0.000	94	6957	1.00	0.7547	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	95	10782	1.00	0.8854	
80 2-Hexanone	43	7.306	7.312	-0.006	99	32965	5.00	4.57	
83 Chlorodibromomethane	129	7.476	7.482	-0.006	90	8088	1.00	0.8349	
84 Ethylene Dibromide	107	7.574	7.580	-0.006	98	7713	1.00	0.8918	
87 Chlorobenzene	112	7.933	7.934	-0.001	97	21211	1.00	0.8477	
88 Ethylbenzene	91	7.982	7.982	0.000	98	31408	1.00	0.8005	
89 1,1,1,2-Tetrachloroethane	131	7.994	8.001	-0.007	92	6948	1.00	0.7955	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	98	12214	1.00	0.8111	
91 o-Xylene	106	8.409	8.409	0.000	96	11902	1.00	0.8115	
92 Styrene	104	8.427	8.433	-0.006	94	18943	1.00	0.7607	
95 Bromoform	173	8.647	8.647	0.000	89	4858	1.00	0.8096	
94 Isopropylbenzene	105	8.696	8.696	0.000	96	27270	1.00	0.7262	
101 Bromobenzene	156	9.006	9.007	-0.001	95	9522	1.00	0.8304	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	92	9761	1.00	0.9272	
99 N-Propylbenzene	91	9.037	9.037	0.000	98	31091	1.00	0.6787	
98 trans-1,4-Dichloro-2-buten	53	9.043	9.049	-0.006	74	3535	1.00	0.9273	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	2709	1.00	0.9242	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	7039	1.00	0.7395	
102 1,3,5-Trimethylbenzene	105	9.171	9.177	-0.006	94	22244	1.00	0.7002	
105 4-Chlorotoluene	126	9.232	9.238	-0.006	96	7554	1.00	0.7537	
106 tert-Butylbenzene	134	9.451	9.452	-0.001	94	4112	1.00	0.6473	
107 1,2,4-Trimethylbenzene	105	9.494	9.500	-0.006	97	23566	1.00	0.7254	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.634	9.634	0.000	94	25188	1.00	0.6313	
110 4-Isopropyltoluene	119	9.744	9.744	0.000	97	21636	1.00	0.6341	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	96	15486	1.00	0.7619	
113 1,4-Dichlorobenzene	146	9.854	9.860	-0.006	94	16311	1.00	0.7880	
115 n-Butylbenzene	91	10.098	10.098	0.000	97	18445	1.00	0.5918	
116 1,2-Dichlorobenzene	146	10.183	10.189	-0.006	97	15526	1.00	0.7831	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.878	-0.006	78	1111	1.00	0.8148	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	93	8302	1.00	0.6163	
120 Hexachlorobutadiene	225	11.597	11.597	0.000	88	3369	1.00	0.9713	
121 Naphthalene	128	11.719	11.726	-0.007	97	21562	1.00	0.6688	
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	0	7942	1.00	0.6148	M
S 124 Xylenes, Total	1				0			1.62	
S 123 Total BTEX	1				0			4.12	
S 125 1,2-Dichloroethene, Total	1				0			1.78	
S 126 1,3-Dichloropropene, Total	1				0			1.75	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00182	Amount Added:	1.00	Units: uL	
GAS CORP mix_00393	Amount Added:	1.00	Units: uL	
D 8260 IS/SUR_00012	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 08-Apr-2020 11:45:25 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D

Injection Date:	07-Apr-2020 15:09:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

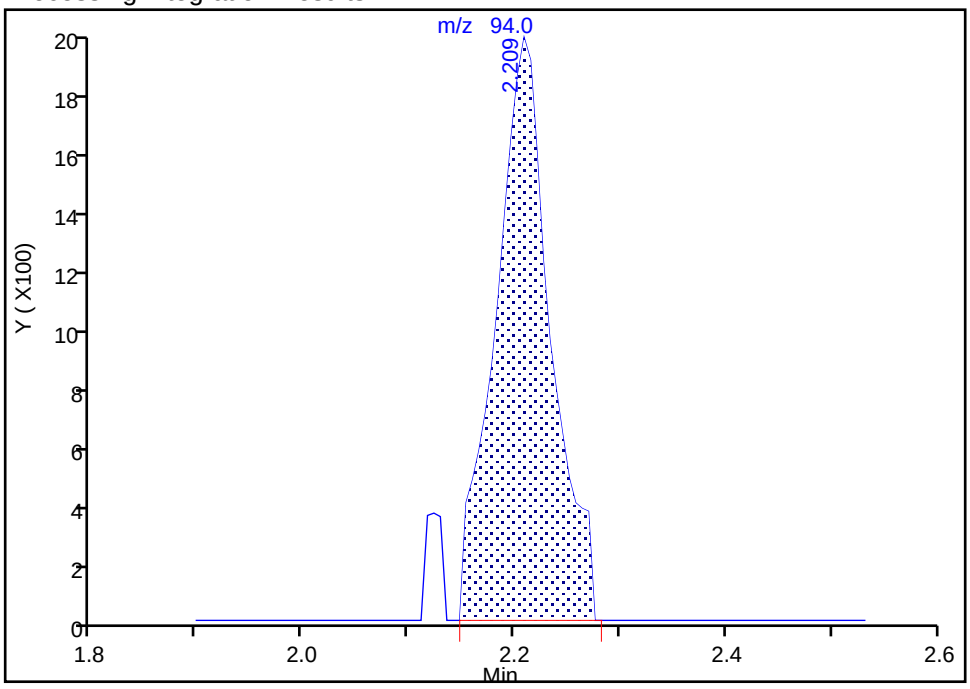
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D
Injection Date: 07-Apr-2020 15:09:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

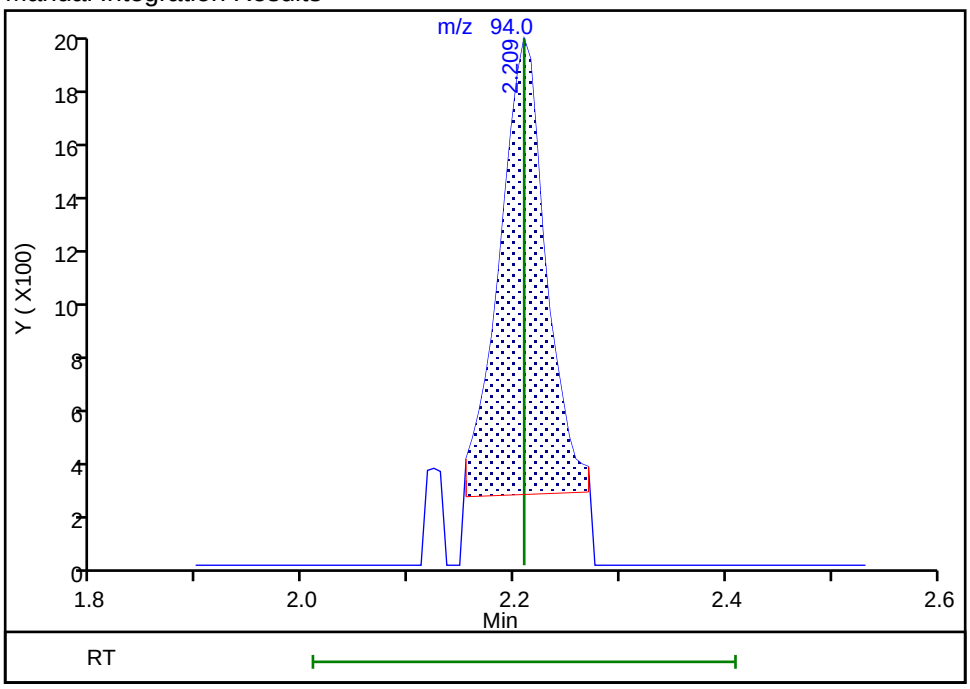
Processing Integration Results

RT: 2.21
Area: 7274
Amount: 1.147626
Amount Units: ug/L



Manual Integration Results

RT: 2.21
Area: 5306
Amount: 0.993046
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:20:52
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

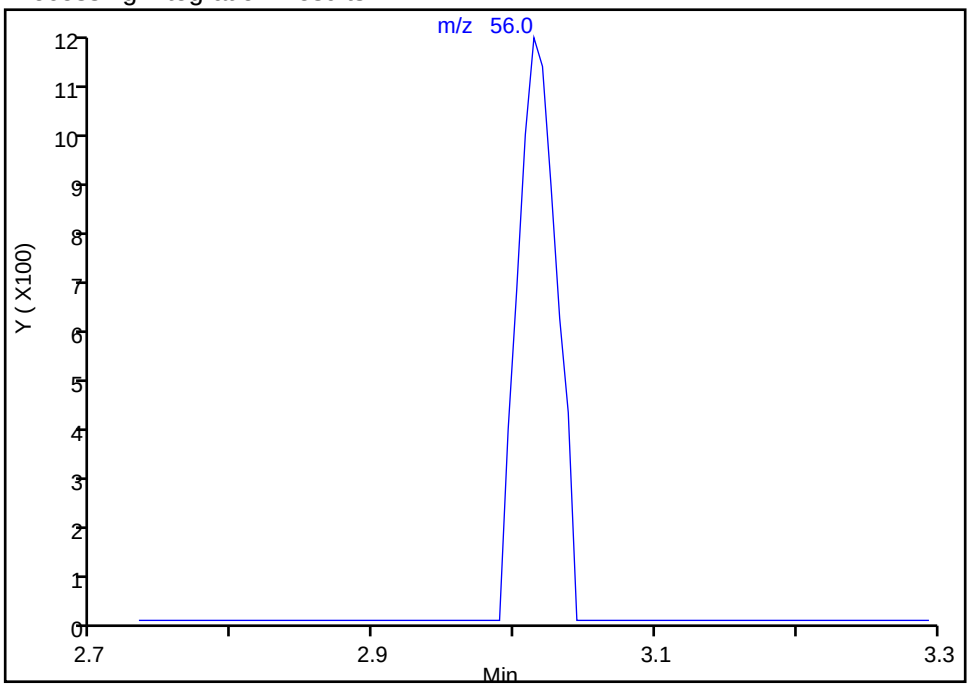
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D
Injection Date: 07-Apr-2020 15:09:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

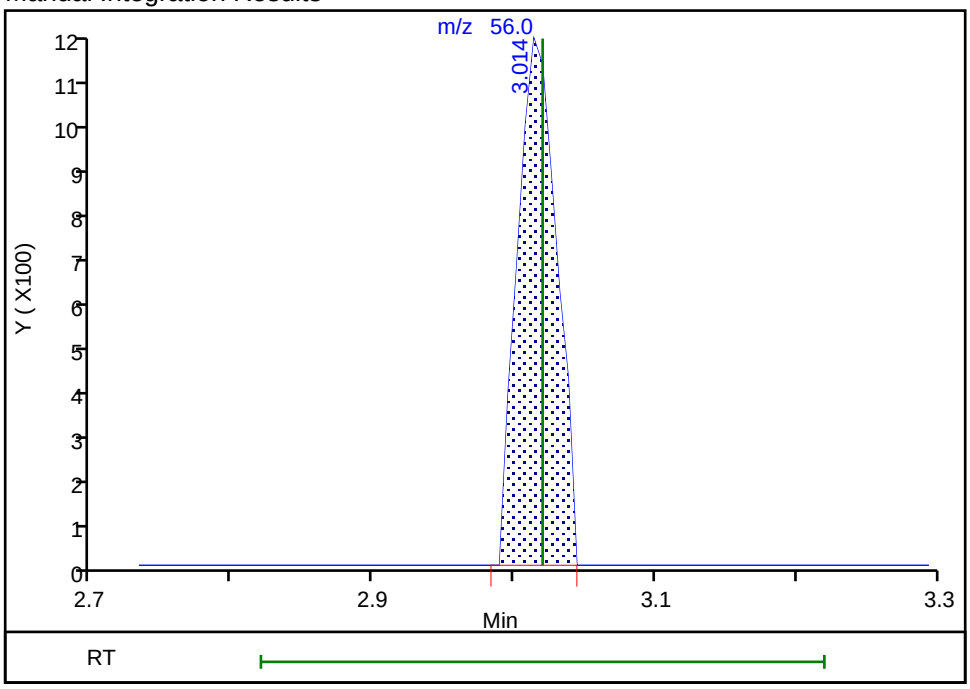
Not Detected
Expected RT: 3.02

Processing Integration Results



Manual Integration Results

RT: 3.01
Area: 2239
Amount: 4.397807
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:22:59
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

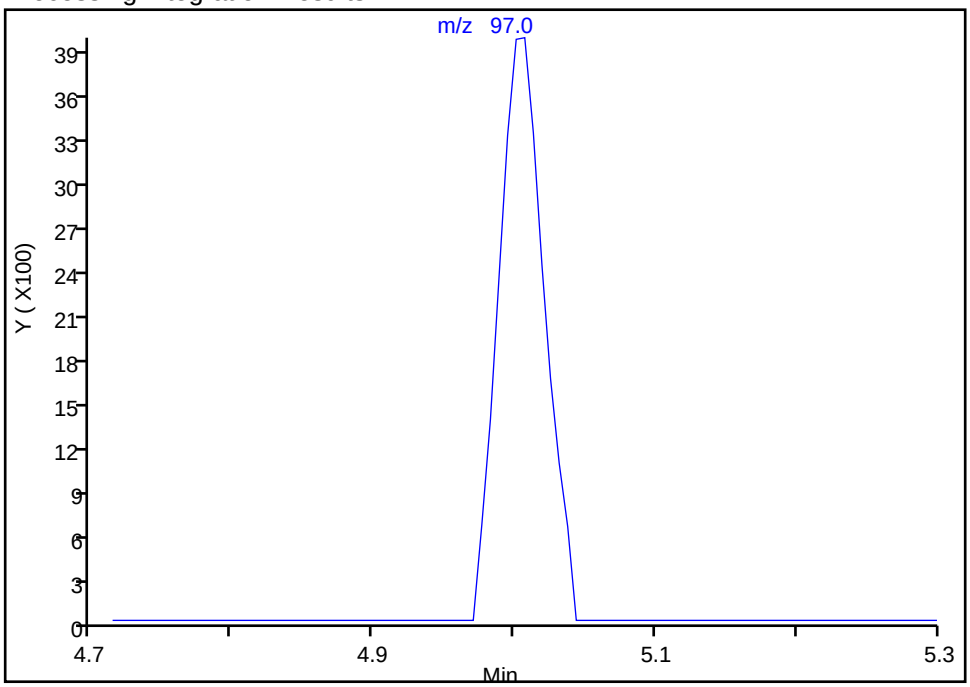
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D
Injection Date: 07-Apr-2020 15:09:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

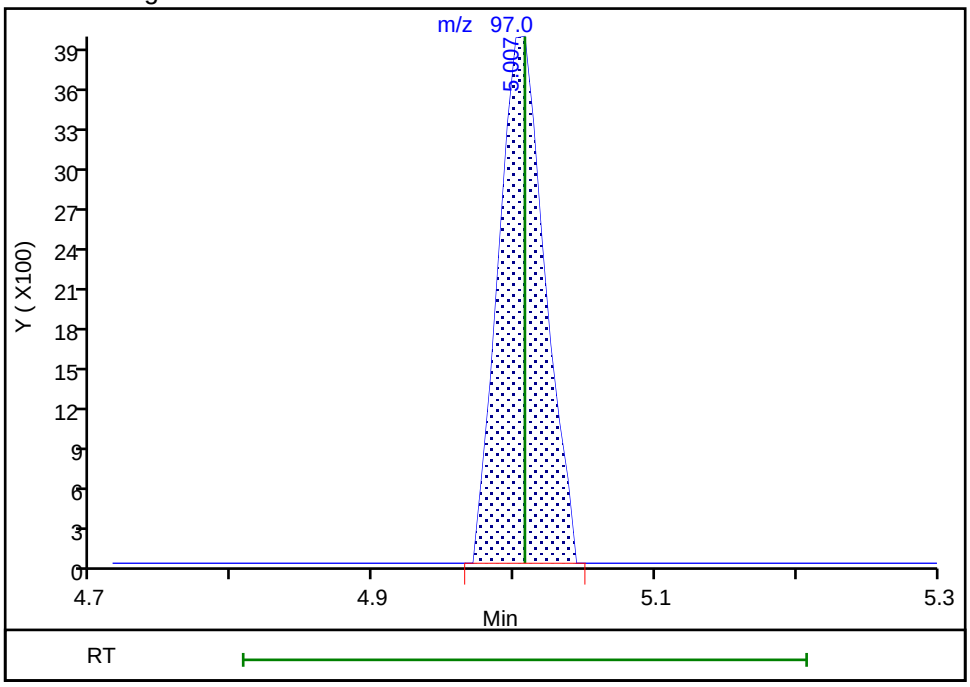
Not Detected
Expected RT: 5.01

Processing Integration Results



Manual Integration Results

RT: 5.01
Area: 8950
Amount: 0.752490
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:23:11
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

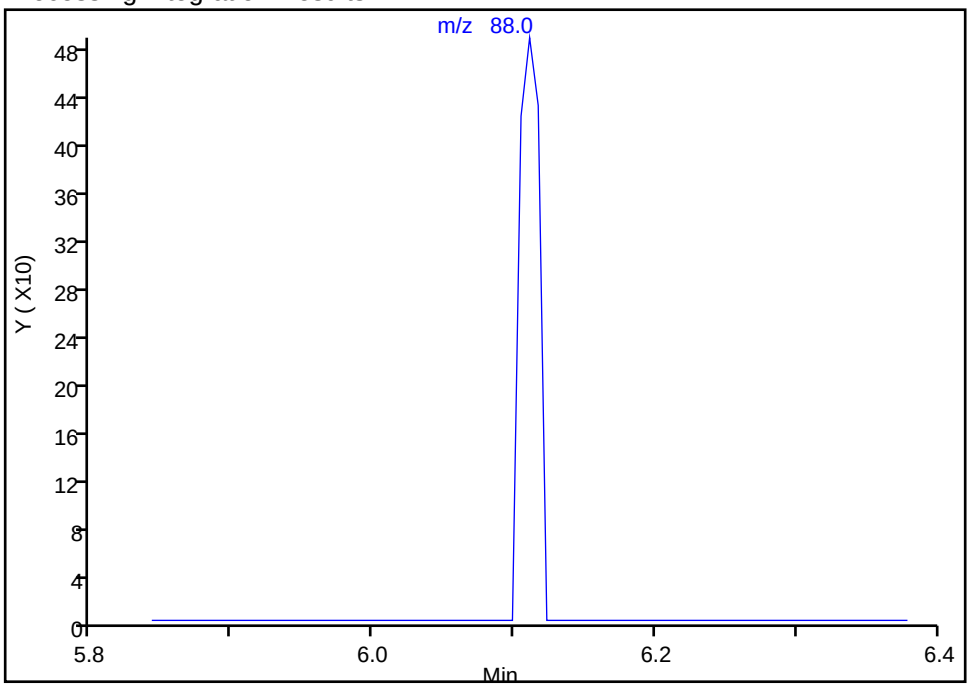
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D
Injection Date: 07-Apr-2020 15:09:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

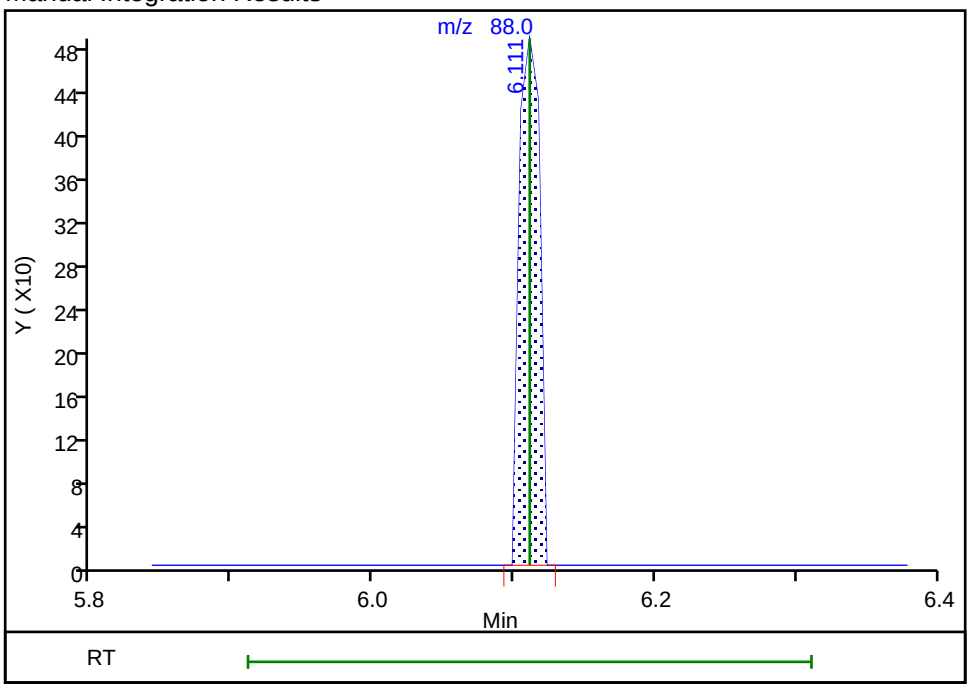
Not Detected
Expected RT: 6.11

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 493
Amount: 12.336480
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:23:20
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

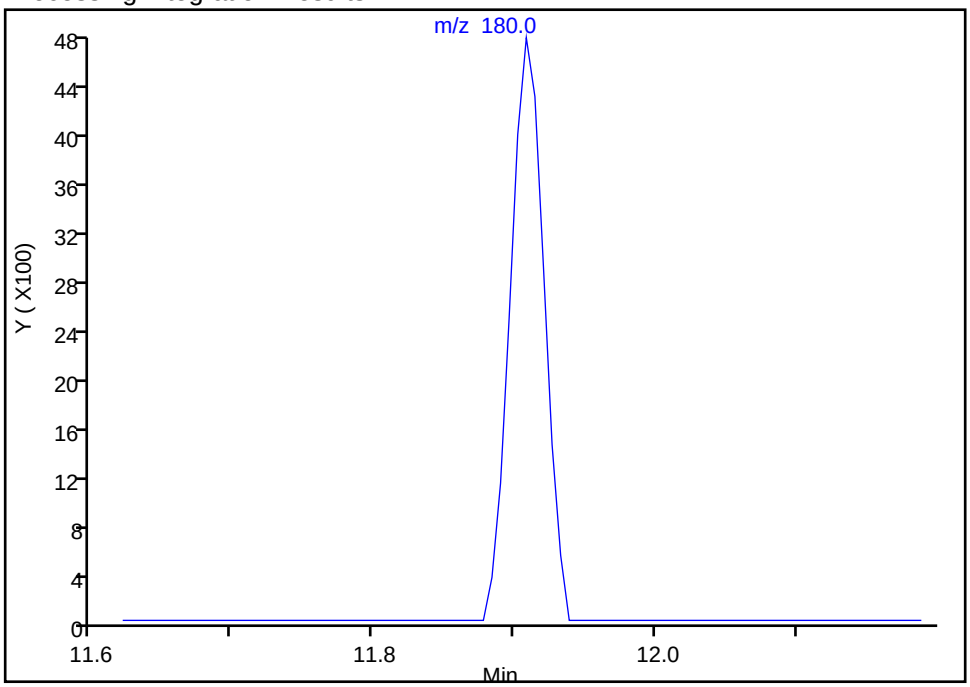
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30101.D
Injection Date: 07-Apr-2020 15:09:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

122 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

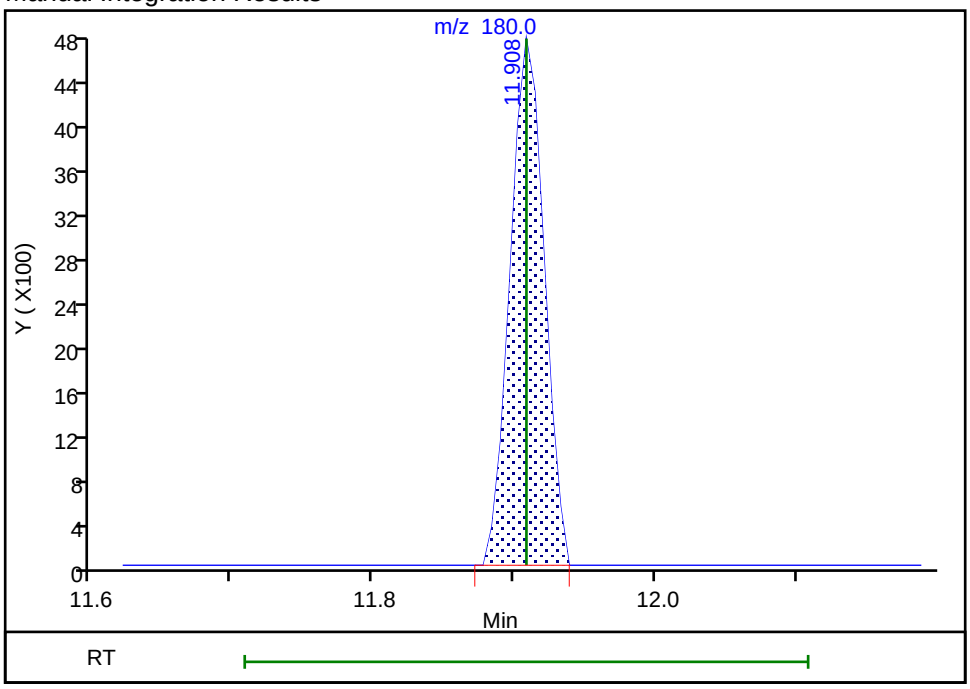
Not Detected
Expected RT: 11.91

Processing Integration Results



Manual Integration Results

RT: 11.91
Area: 7942
Amount: 0.614765
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:23:41
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30102.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Apr-2020 15:32:30 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0089373-011
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:26 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: cwiklinc Date: 07-Apr-2020 23:17:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.519	5.525	-0.006	98	150538	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	87	332017	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	335155	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	94	231556	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	98	127671	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	766071	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.872	-0.006	92	260768	25.0	25.1	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	98	16650	2.00	2.23	
12 Chloromethane	50	1.727	1.727	0.000	98	21808	2.00	2.01	
144 Butadiene	54	1.843	1.843	0.000	93	15588	2.00	2.14	
13 Vinyl chloride	62	1.849	1.849	0.000	65	14712	2.00	2.09	
14 Bromomethane	94	2.209	2.209	0.000	88	9866	2.00	1.89	M
15 Chloroethane	64	2.288	2.288	0.000	92	7739	2.00	1.99	
16 Dichlorofluoromethane	67	2.544	2.550	-0.006	95	21232	2.00	2.06	
17 Trichlorofluoromethane	101	2.556	2.557	-0.001	89	19747	2.00	2.10	
18 Ethyl ether	59	2.825	2.825	0.000	96	15616	2.00	2.09	
20 Acrolein	56	3.014	3.020	-0.006	97	4640	10.0	9.33	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.044	0.000	95	16291	2.00	2.34	
22 1,1-Dichloroethene	96	3.069	3.069	0.000	93	15484	2.00	2.24	
23 Acetone	43	3.172	3.172	0.000	99	26312	10.0	10.5	
25 Iodomethane	142	3.239	3.239	0.000	99	32977	2.00	2.16	
26 Carbon disulfide	76	3.288	3.288	0.000	99	51388	2.00	2.25	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	88	37757	2.00	2.16	
27 Methyl acetate	43	3.453	3.453	0.000	100	33135	4.00	4.29	
30 Methylene Chloride	84	3.575	3.575	0.000	93	21195	2.00	2.20	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	97	14331	20.0	20.1	
32 Methyl tert-butyl ether	73	3.739	3.745	-0.006	98	41252	2.00	2.05	
34 trans-1,2-Dichloroethene	96	3.764	3.770	-0.006	93	16977	2.00	2.15	
33 Acrylonitrile	53	3.818	3.825	-0.007	98	75856	20.0	21.2	
35 Hexane	57	3.934	3.934	0.000	95	33091	2.00	2.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.148	4.154	-0.006	97	35185	2.00	2.17	
37 Vinyl acetate	43	4.184	4.184	0.000	96	86827	4.00	3.97	
44 2,2-Dichloropropane	77	4.605	4.611	-0.006	91	16073	2.00	2.21	
45 cis-1,2-Dichloroethene	96	4.635	4.642	-0.007	85	19056	2.00	2.17	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	48181	10.0	10.4	
48 Chlorobromomethane	128	4.843	4.849	-0.006	92	10548	2.00	2.13	
49 Tetrahydrofuran	42	4.861	4.861	0.000	91	14149	4.00	4.27	
50 Chloroform	83	4.904	4.904	0.000	95	33949	2.00	2.14	
51 1,1,1-Trichloroethane	97	5.001	5.007	-0.006	96	24167	2.00	2.08	
52 Cyclohexane	56	5.013	5.013	0.000	94	37012	2.00	2.44	
55 Carbon tetrachloride	117	5.123	5.123	0.000	97	15998	2.00	2.25	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	89	22932	2.00	2.17	
53 Isobutyl alcohol	43	5.282	5.282	0.000	93	19365	50.0	50.2	
57 Benzene	78	5.306	5.306	0.000	96	65009	2.00	2.15	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	95	28806	2.00	2.16	
59 n-Heptane	43	5.422	5.422	0.000	96	39723	2.00	2.62	
62 Trichloroethene	95	5.800	5.806	-0.006	95	18265	2.00	2.11	
64 Methylcyclohexane	83	5.903	5.903	0.000	97	27377	2.00	2.47	
65 1,2-Dichloropropane	63	6.001	6.007	-0.006	92	19803	2.00	2.08	
66 1,4-Dioxane	88	6.111	6.111	0.000	0	1271	40.0	32.2	M
67 Dibromomethane	93	6.123	6.123	0.000	96	12322	2.00	2.19	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	23402	2.00	2.07	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	90	11314	2.00	1.96	
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	90	26384	2.00	2.01	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.653	0.000	97	102827	10.0	10.0	
74 Toluene	92	6.787	6.794	-0.007	97	43379	2.00	2.13	
75 Ethyl methacrylate	69	7.001	7.001	0.000	97	18376	2.00	2.05	
77 trans-1,3-Dichloropropene	75	6.995	7.001	-0.006	96	24038	2.00	1.97	
79 1,1,2-Trichloroethane	83	7.153	7.159	-0.006	92	13807	2.00	2.13	
81 Tetrachloroethene	166	7.214	7.214	0.000	93	20353	2.00	2.24	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	96	24722	2.00	2.06	
80 2-Hexanone	43	7.306	7.312	-0.006	99	71915	10.0	10.1	
83 Chlorodibromomethane	129	7.476	7.482	-0.006	91	19023	2.00	1.99	
84 Ethylene Dibromide	107	7.574	7.580	-0.006	98	17490	2.00	2.05	
87 Chlorobenzene	112	7.933	7.934	-0.001	95	51823	2.00	2.10	
88 Ethylbenzene	91	7.982	7.982	0.000	98	82382	2.00	2.13	
89 1,1,1,2-Tetrachloroethane	131	7.994	8.001	-0.007	94	17179	2.00	1.99	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	98	32470	2.00	2.19	
91 o-Xylene	106	8.409	8.409	0.000	97	31824	2.00	2.20	
92 Styrene	104	8.427	8.433	-0.006	93	51957	2.00	2.12	
95 Bromoform	173	8.647	8.647	0.000	92	11081	2.00	1.87	
94 Isopropylbenzene	105	8.696	8.696	0.000	96	80973	2.00	2.17	
101 Bromobenzene	156	9.006	9.007	-0.001	90	25093	2.00	2.20	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	92	21905	2.00	2.09	
99 N-Propylbenzene	91	9.037	9.037	0.000	100	103972	2.00	2.28	
98 trans-1,4-Dichloro-2-buten	53	9.043	9.049	-0.006	77	7537	2.00	1.99	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	85	6057	2.00	2.08	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	20628	2.00	2.18	
102 1,3,5-Trimethylbenzene	105	9.171	9.177	-0.006	95	68121	2.00	2.15	
105 4-Chlorotoluene	126	9.232	9.238	-0.006	98	21365	2.00	2.14	
106 tert-Butylbenzene	134	9.451	9.452	-0.001	94	13968	2.00	2.21	
107 1,2,4-Trimethylbenzene	105	9.494	9.500	-0.006	97	71164	2.00	2.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.628	9.634	-0.006	95	88649	2.00	2.23	
110 4-Isopropyltoluene	119	9.744	9.744	0.000	97	75746	2.00	2.23	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	97	45561	2.00	2.25	
113 1,4-Dichlorobenzene	146	9.854	9.860	-0.006	95	45244	2.00	2.20	
115 n-Butylbenzene	91	10.098	10.098	0.000	98	67313	2.00	2.17	
116 1,2-Dichlorobenzene	146	10.183	10.189	-0.006	97	42701	2.00	2.16	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.878	-0.006	82	3257	2.00	2.09	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	94	27548	2.00	2.05	
120 Hexachlorobutadiene	225	11.597	11.597	0.000	97	12932	2.00	2.33	
121 Naphthalene	128	11.719	11.726	-0.007	97	65049	2.00	2.03	
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	96	27209	2.00	2.12	
S 124 Xylenes, Total	1				0			4.39	
S 123 Total BTEX	1				0			10.8	
S 125 1,2-Dichloroethene, Total	1				0			4.32	
S 126 1,3-Dichloropropene, Total	1				0			3.98	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00182	Amount Added:	2.00	Units: uL	
GAS CORP mix_00393	Amount Added:	2.00	Units: uL	
D 8260 IS/SUR_00012	Amount Added:	1.00	Units: uL	Run Reagent

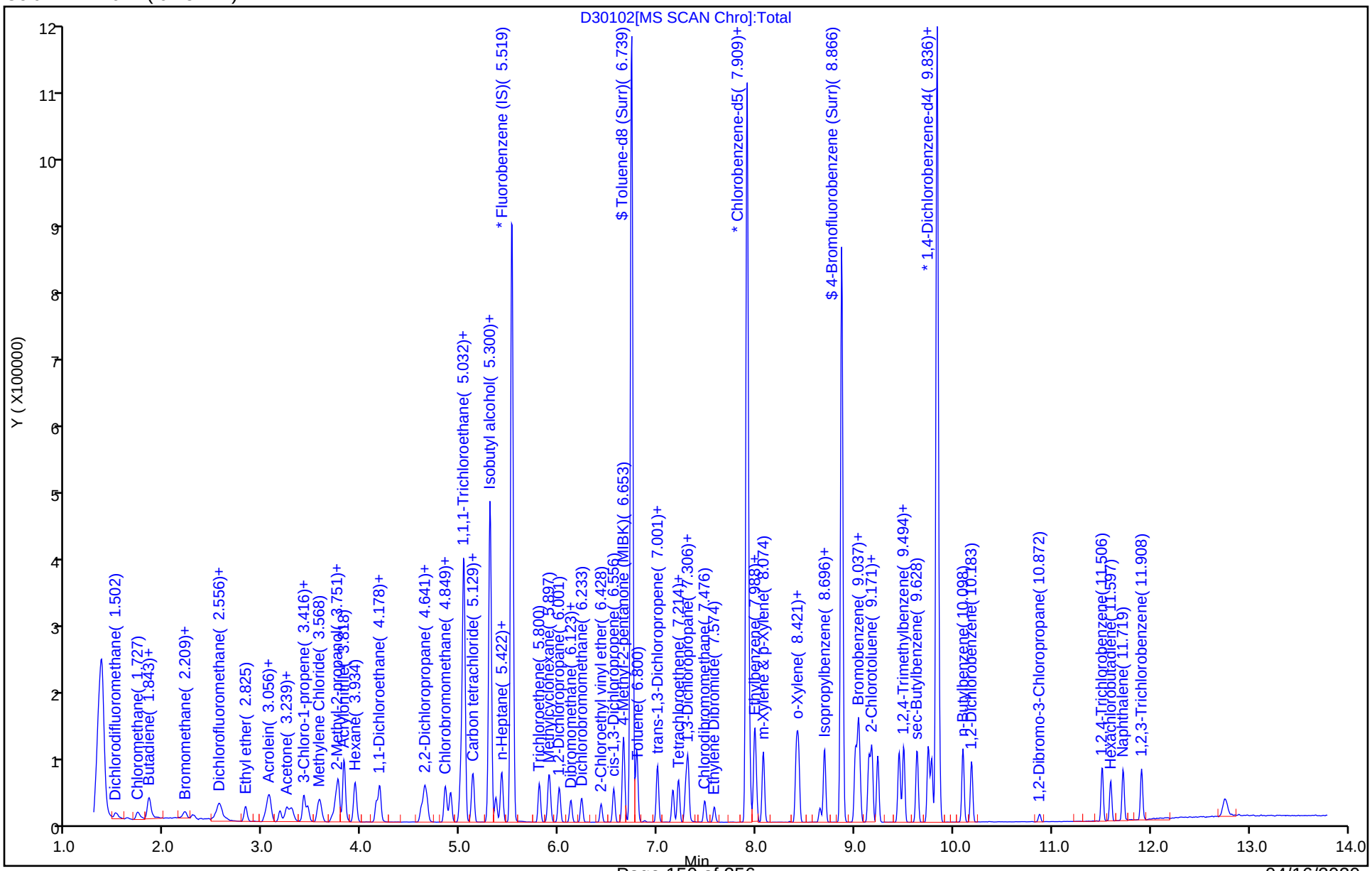
Report Date: 08-Apr-2020 11:45:27 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30102.D

Injection Date:	07-Apr-2020 15:32:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC 2			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

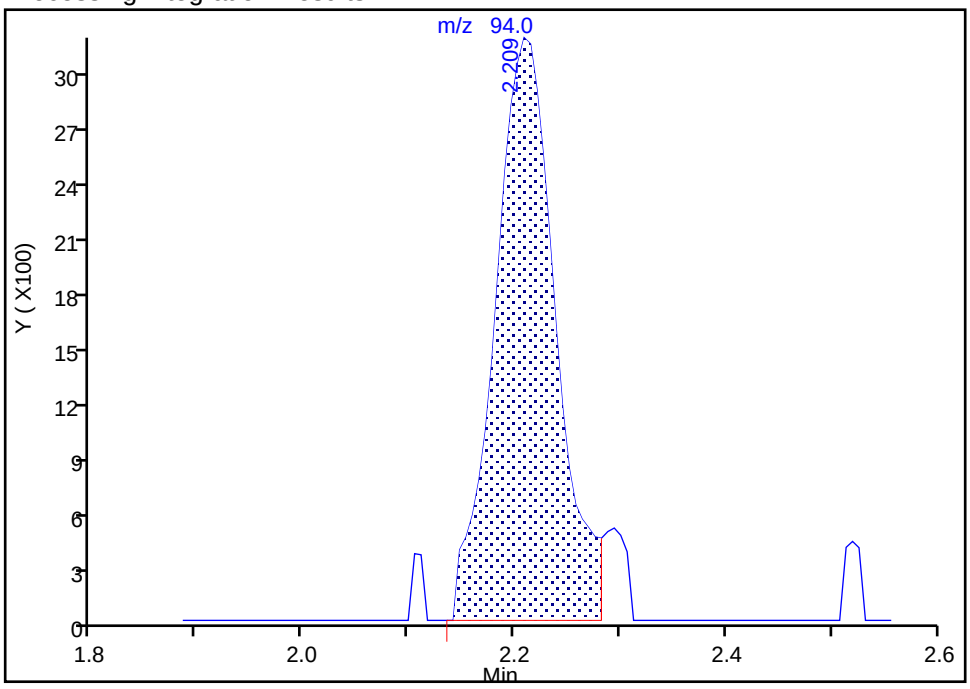
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30102.D
Injection Date: 07-Apr-2020 15:32:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

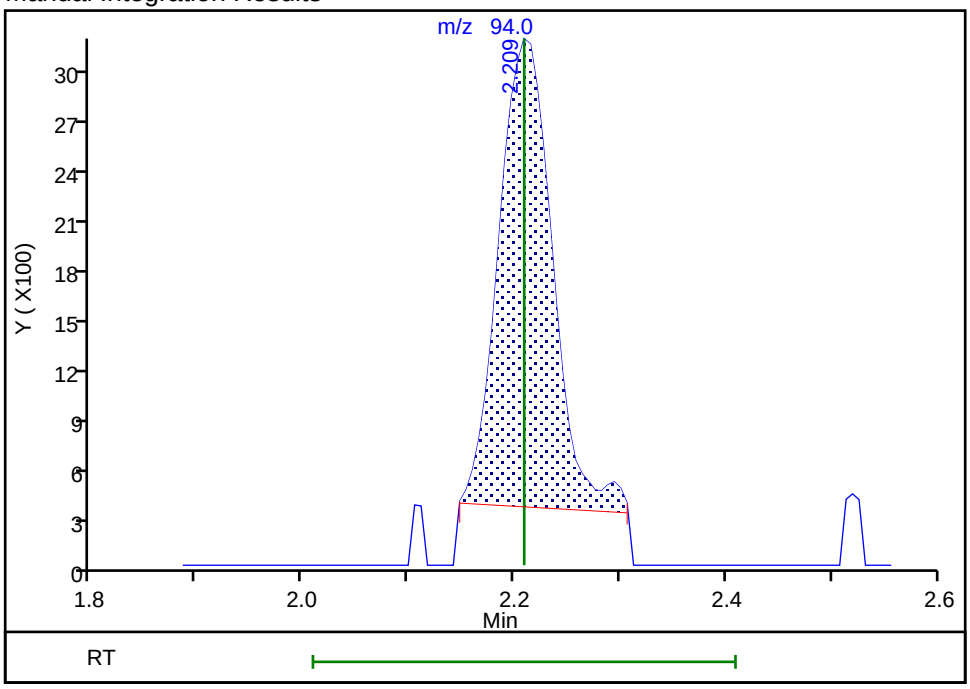
Processing Integration Results

RT: 2.21
Area: 12574
Amount: 2.274285
Amount Units: ug/L



Manual Integration Results

RT: 2.21
Area: 9866
Amount: 1.889319
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:24:03
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

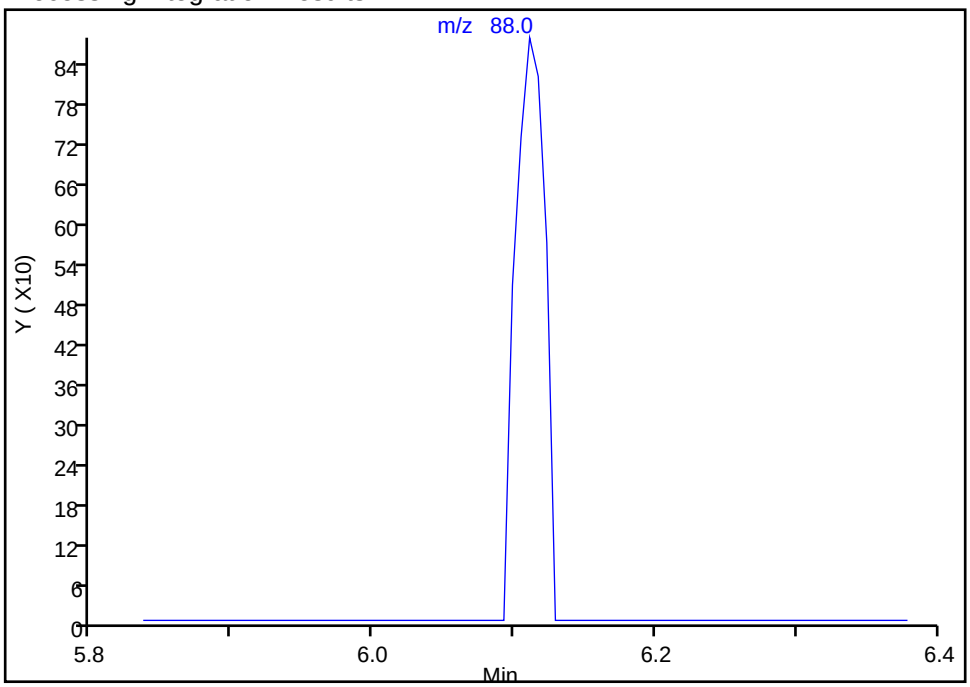
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30102.D
Injection Date: 07-Apr-2020 15:32:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

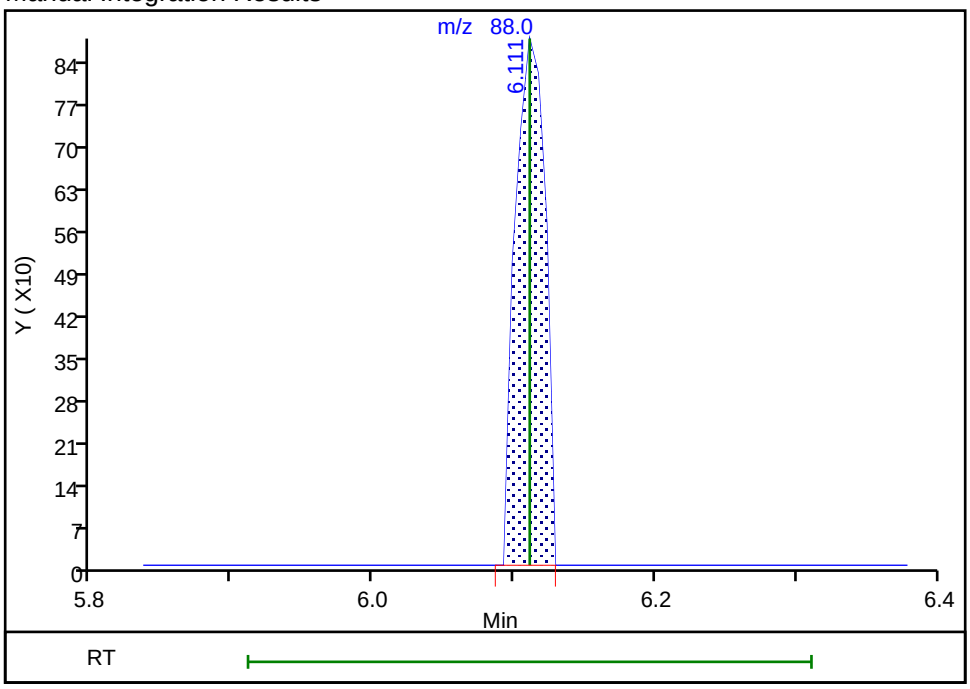
Not Detected
Expected RT: 6.11

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 1271
Amount: 32.239970
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:24:20
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30103.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Apr-2020 15:56:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0089373-012
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:28 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 10:25:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.525	5.525	0.000	98	148584	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.909	0.000	88	326636	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.835	9.835	0.000	96	331847	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	93	230494	25.0	25.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.300	0.000	97	125047	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	761119	25.0	25.2	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	93	259056	25.0	25.3	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	98	42182	5.00	5.35	
12 Chloromethane	50	1.727	1.727	0.000	98	55865	5.00	5.23	
144 Butadiene	54	1.843	1.843	0.000	96	39517	5.00	5.49	
13 Vinyl chloride	62	1.849	1.849	0.000	96	38166	5.00	5.16	
14 Bromomethane	94	2.209	2.209	0.000	92	24804	5.00	4.81	M
15 Chloroethane	64	2.282	2.282	0.000	96	20614	5.00	5.36	
16 Dichlorofluoromethane	67	2.544	2.544	0.000	97	54384	5.00	5.35	
17 Trichlorofluoromethane	101	2.556	2.556	0.000	95	49410	5.00	5.33	
18 Ethyl ether	59	2.825	2.825	0.000	97	39459	5.00	5.34	
20 Acrolein	56	3.014	3.014	0.000	96	12553	25.0	25.6	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.044	0.000	94	37446	5.00	5.13	
22 1,1-Dichloroethene	96	3.068	3.068	0.000	94	36947	5.00	5.41	
23 Acetone	43	3.172	3.172	0.000	98	70284	25.0	28.6	
25 Iodomethane	142	3.239	3.239	0.000	100	81579	5.00	5.41	
26 Carbon disulfide	76	3.288	3.288	0.000	100	123660	5.00	5.49	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	89	92959	5.00	5.38	
27 Methyl acetate	43	3.453	3.453	0.000	100	81805	10.0	10.7	
30 Methylene Chloride	84	3.574	3.574	0.000	93	46367	5.00	5.28	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	98	41420	50.0	58.8	
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	98	105452	5.00	5.31	
34 trans-1,2-Dichloroethene	96	3.763	3.763	0.000	93	42366	5.00	5.45	
33 Acrylonitrile	53	3.818	3.818	0.000	97	193920	50.0	54.8	
35 Hexane	57	3.934	3.934	0.000	96	71390	5.00	5.15	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.148	4.148	0.000	97	86578	5.00	5.41	
37 Vinyl acetate	43	4.184	4.184	0.000	96	218054	10.0	10.1	
44 2,2-Dichloropropane	77	4.605	4.605	0.000	92	39381	5.00	5.47	
45 cis-1,2-Dichloroethene	96	4.635	4.635	0.000	84	47944	5.00	5.52	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	126626	25.0	27.6	
48 Chlorobromomethane	128	4.843	4.843	0.000	92	27389	5.00	5.60	
49 Tetrahydrofuran	42	4.861	4.861	0.000	94	35614	10.0	10.9	
50 Chloroform	83	4.904	4.904	0.000	95	83953	5.00	5.36	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	97	61632	5.00	5.37	
52 Cyclohexane	56	5.013	5.013	0.000	94	86141	5.00	5.27	
55 Carbon tetrachloride	117	5.123	5.123	0.000	97	39977	5.00	4.62	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	93	57638	5.00	5.53	
53 Isobutyl alcohol	43	5.288	5.288	0.000	94	52987	125.0	139.1	
57 Benzene	78	5.306	5.306	0.000	96	162264	5.00	5.43	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	96	69932	5.00	5.30	
59 n-Heptane	43	5.422	5.422	0.000	97	84258	5.00	5.13	
62 Trichloroethene	95	5.800	5.800	0.000	95	45903	5.00	5.38	
64 Methylcyclohexane	83	5.903	5.903	0.000	97	63591	5.00	5.27	
65 1,2-Dichloropropane	63	6.001	6.001	0.000	93	51705	5.00	5.49	
66 1,4-Dioxane	88	6.111	6.111	0.000	92	4655	100.0	120.0	
67 Dibromomethane	93	6.123	6.123	0.000	96	30007	5.00	5.41	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	60106	5.00	5.38	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	91	29456	5.00	5.16	
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	90	68553	5.00	5.30	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.653	0.000	98	265225	25.0	26.2	
74 Toluene	92	6.787	6.787	0.000	97	106760	5.00	5.33	
75 Ethyl methacrylate	69	7.001	7.001	0.000	95	44918	5.00	5.09	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	97	63477	5.00	5.28	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	93	34068	5.00	5.35	
81 Tetrachloroethene	166	7.214	7.214	0.000	96	50046	5.00	5.59	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	98	63138	5.00	5.34	
80 2-Hexanone	43	7.305	7.305	0.000	100	186535	25.0	26.7	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	49973	5.00	5.32	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	45312	5.00	5.40	
87 Chlorobenzene	112	7.933	7.933	0.000	97	130473	5.00	5.37	
88 Ethylbenzene	91	7.982	7.982	0.000	98	207403	5.00	5.45	
89 1,1,1,2-Tetrachloroethane	131	8.000	8.000	0.000	95	45856	5.00	5.41	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	99	79931	5.00	5.47	
91 o-Xylene	106	8.409	8.409	0.000	98	78190	5.00	5.49	
92 Styrene	104	8.433	8.433	0.000	95	134010	5.00	5.55	
95 Bromoform	173	8.647	8.647	0.000	97	30562	5.00	5.25	
94 Isopropylbenzene	105	8.695	8.695	0.000	96	204539	5.00	5.52	
101 Bromobenzene	156	9.006	9.006	0.000	94	61406	5.00	5.43	
97 1,1,2,2-Tetrachloroethane	83	9.012	9.012	0.000	93	55489	5.00	5.35	
99 N-Propylbenzene	91	9.037	9.037	0.000	100	248503	5.00	5.50	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	76	20076	5.00	5.34	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	15623	5.00	5.41	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	52034	5.00	5.54	
102 1,3,5-Trimethylbenzene	105	9.171	9.171	0.000	94	173536	5.00	5.54	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	54359	5.00	5.50	
106 tert-Butylbenzene	134	9.451	9.451	0.000	94	34247	5.00	5.47	
107 1,2,4-Trimethylbenzene	105	9.494	9.494	0.000	95	177607	5.00	5.54	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.634	9.634	0.000	95	217983	5.00	5.54	
110 4-Isopropyltoluene	119	9.744	9.744	0.000	97	184386	5.00	5.48	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	98	108975	5.00	5.44	
113 1,4-Dichlorobenzene	146	9.854	9.854	0.000	96	110665	5.00	5.42	
115 n-Butylbenzene	91	10.098	10.098	0.000	98	169184	5.00	5.51	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	106190	5.00	5.43	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.872	0.000	88	8939	5.00	5.51	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	95	74064	5.00	5.58	
120 Hexachlorobutadiene	225	11.597	11.597	0.000	97	33235	5.00	5.26	
121 Naphthalene	128	11.725	11.725	0.000	97	176754	5.00	5.56	
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	96	71463	5.00	5.61	
S 124 Xylenes, Total	1				0			11.0	
S 123 Total BTEX	1				0			27.2	
S 125 1,2-Dichloroethene, Total	1				0			11.0	
S 126 1,3-Dichloropropene, Total	1				0			10.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00182	Amount Added:	5.00	Units: uL	
GAS CORP mix_00393	Amount Added:	5.00	Units: uL	
D 8260 IS/SUR_00012	Amount Added:	1.00	Units: uL	Run Reagent

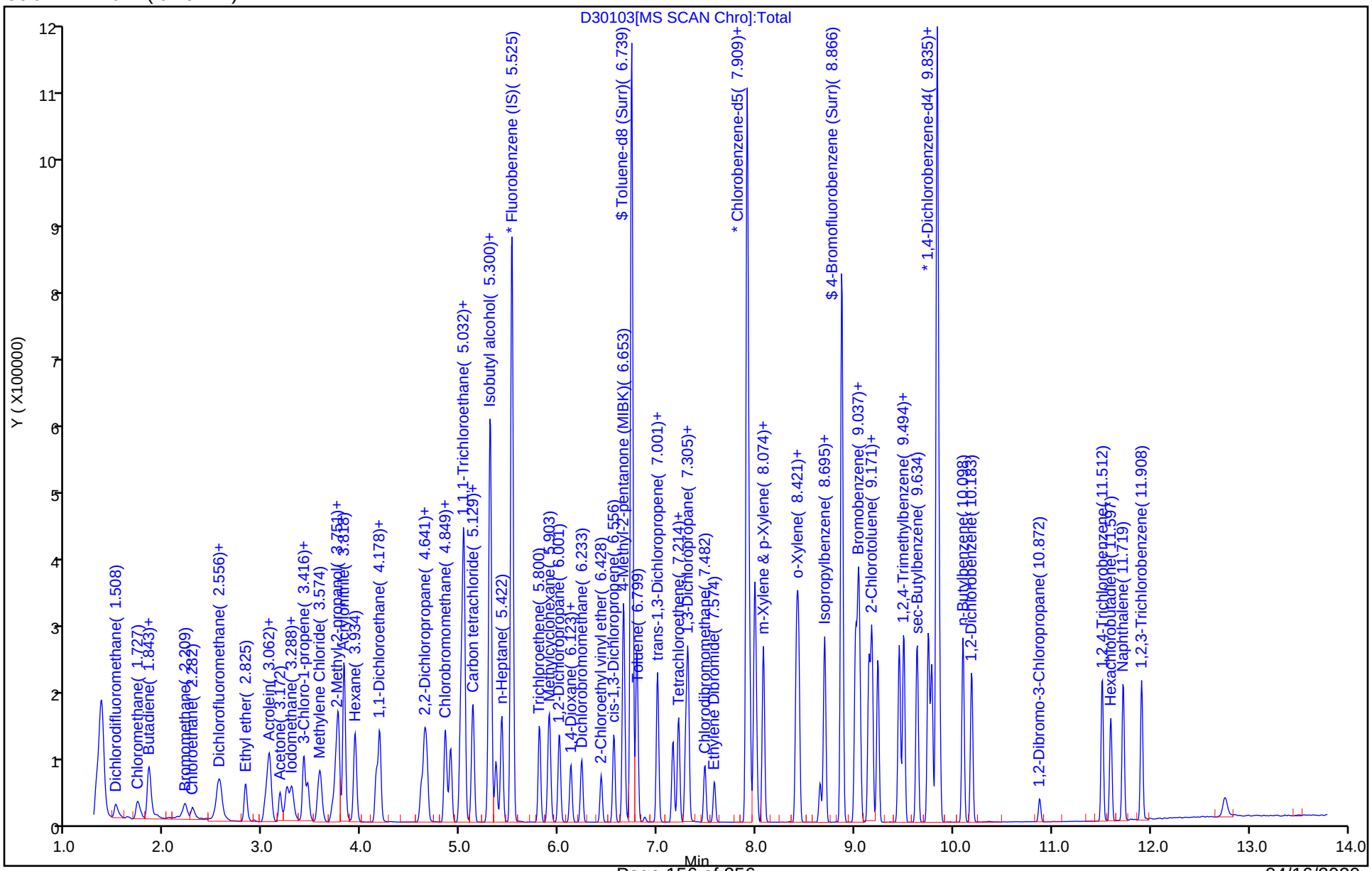
Report Date: 08-Apr-2020 11:45:29 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30103.D

Injection Date:	07-Apr-2020 15:56:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC 3			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

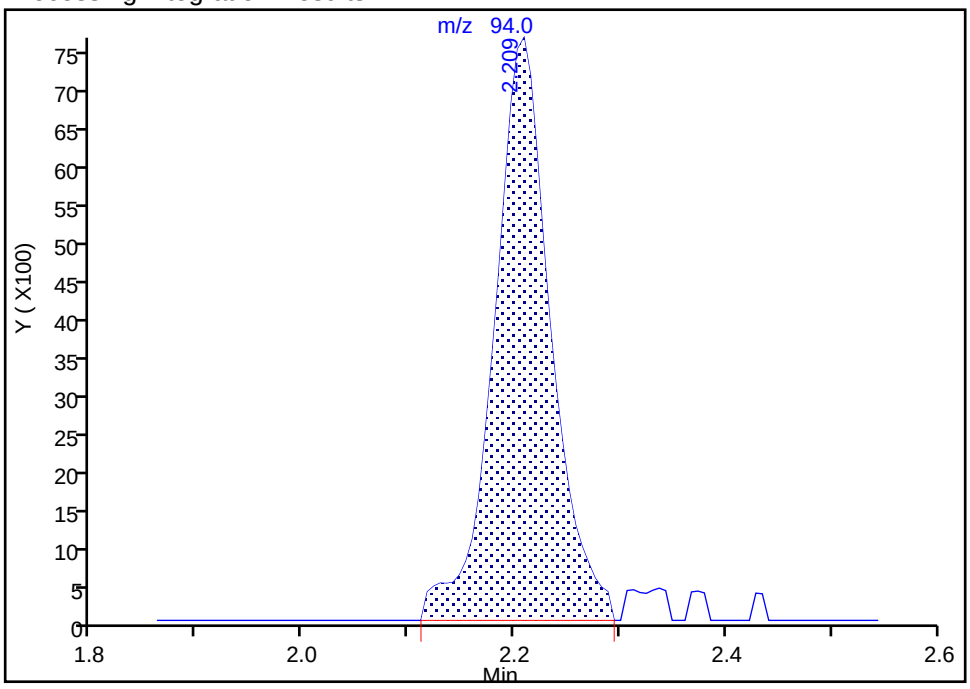
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30103.D
Injection Date: 07-Apr-2020 15:56:30 Instrument ID: HP5975D
Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

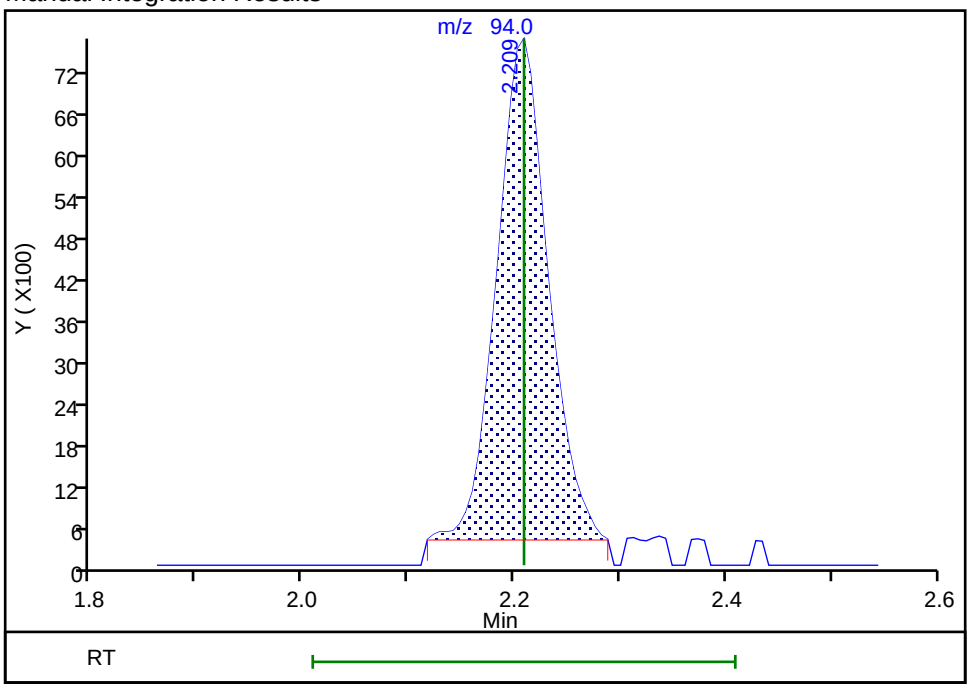
Processing Integration Results

RT: 2.21
Area: 28720
Amount: 5.453762
Amount Units: ug/L



Manual Integration Results

RT: 2.21
Area: 24804
Amount: 4.812382
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:24:49
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30104.D
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-Apr-2020 16:19:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0089373-013
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:31 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: cwiklinc Date: 07-Apr-2020 23:34:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.525	5.525	0.000	98	149962	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.909	0.000	88	328530	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.835	0.001	96	327039	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	93	227969	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.300	0.000	96	124794	25.0	24.9	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.001	94	758422	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	93	255752	25.0	24.9	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	99	68699	10.0	8.48	
12 Chloromethane	50	1.721	1.727	-0.006	99	105776	10.0	9.81	
144 Butadiene	54	1.837	1.843	-0.006	93	67495	10.0	9.29	
13 Vinyl chloride	62	1.843	1.849	-0.006	71	70716	10.0	9.31	
14 Bromomethane	94	2.203	2.209	-0.006	92	53749	10.0	10.3	
15 Chloroethane	64	2.288	2.282	0.006	96	38475	10.0	9.91	
16 Dichlorofluoromethane	67	2.544	2.544	0.000	97	102141	10.0	9.95	
17 Trichlorofluoromethane	101	2.557	2.556	0.001	96	88639	10.0	9.48	
18 Ethyl ether	59	2.825	2.825	0.000	95	76771	10.0	10.3	
20 Acrolein	56	3.014	3.014	0.000	97	24797	50.0	50.0	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.044	0.000	94	63671	10.0	8.48	
22 1,1-Dichloroethene	96	3.063	3.068	-0.005	93	64425	10.0	9.34	
23 Acetone	43	3.172	3.172	0.000	99	124514	50.0	50.1	
25 Iodomethane	142	3.239	3.239	0.000	99	149185	10.0	9.79	
26 Carbon disulfide	76	3.288	3.288	0.000	100	225694	10.0	9.93	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	90	171491	10.0	9.84	
27 Methyl acetate	43	3.453	3.453	0.000	99	152641	20.0	19.9	
30 Methylene Chloride	84	3.569	3.574	-0.005	93	85529	10.0	9.92	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	94	72219	100.0	101.6	
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	98	203338	10.0	10.1	
34 trans-1,2-Dichloroethene	96	3.764	3.763	0.001	93	76642	10.0	9.76	
33 Acrylonitrile	53	3.818	3.818	0.000	98	367603	100.0	103.0	
35 Hexane	57	3.934	3.934	0.000	96	119312	10.0	8.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.148	4.148	0.000	97	160218	10.0	9.93	
37 Vinyl acetate	43	4.184	4.184	0.000	96	445562	20.0	20.4	
44 2,2-Dichloropropane	77	4.611	4.605	0.006	92	71891	10.0	9.90	
45 cis-1,2-Dichloroethene	96	4.641	4.635	0.006	84	86628	10.0	9.88	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	229949	50.0	49.6	
48 Chlorobromomethane	128	4.849	4.843	0.006	92	51179	10.0	10.4	
49 Tetrahydrofuran	42	4.861	4.861	0.000	94	65739	20.0	19.9	
50 Chloroform	83	4.904	4.904	0.000	96	153451	10.0	9.70	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	98	112795	10.0	9.74	
52 Cyclohexane	56	5.013	5.013	0.000	95	145108	10.0	8.55	
55 Carbon tetrachloride	117	5.123	5.123	0.000	96	77320	10.0	8.21	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	92	100151	10.0	9.52	
53 Isobutyl alcohol	43	5.282	5.288	-0.006	94	96346	250.0	250.5	
57 Benzene	78	5.306	5.306	0.000	96	293602	10.0	9.74	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	96	126988	10.0	9.54	
59 n-Heptane	43	5.422	5.422	0.000	97	144212	10.0	8.40	
62 Trichloroethene	95	5.800	5.800	0.000	95	85711	10.0	9.96	
64 Methylcyclohexane	83	5.903	5.903	0.000	97	107464	10.0	8.55	
65 1,2-Dichloropropane	63	6.001	6.001	0.000	95	97598	10.0	10.3	
66 1,4-Dioxane	88	6.111	6.111	0.000	95	7947	200.0	203.7	
67 Dibromomethane	93	6.123	6.123	0.000	97	55325	10.0	9.88	
68 Dichlorobromomethane	83	6.233	6.233	0.001	98	112330	10.0	9.97	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	90	57564	10.0	10.0	
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	90	128875	10.0	9.87	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.653	0.000	98	521309	50.0	51.3	
74 Toluene	92	6.794	6.787	0.007	97	199406	10.0	9.90	
75 Ethyl methacrylate	69	7.001	7.001	0.000	98	92025	10.0	10.4	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	96	120236	10.0	9.93	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	92	65366	10.0	10.2	
81 Tetrachloroethene	166	7.214	7.214	0.000	95	87839	10.0	9.76	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	98	120211	10.0	10.1	
80 2-Hexanone	43	7.306	7.305	0.001	99	362547	50.0	51.5	
83 Chlorodibromomethane	129	7.482	7.482	0.000	91	95204	10.0	10.1	
84 Ethylene Dibromide	107	7.574	7.574	0.000	99	85331	10.0	10.1	
87 Chlorobenzene	112	7.934	7.933	0.001	98	242359	10.0	9.92	
88 Ethylbenzene	91	7.982	7.982	0.000	99	384688	10.0	10.0	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.000	0.001	95	86889	10.0	10.2	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	99	149975	10.0	10.2	
91 o-Xylene	106	8.409	8.409	0.000	98	145578	10.0	10.2	
92 Styrene	104	8.433	8.433	0.000	95	249919	10.0	10.3	
95 Bromoform	173	8.647	8.647	0.000	97	59368	10.0	10.1	
94 Isopropylbenzene	105	8.696	8.695	0.001	96	366881	10.0	10.1	
101 Bromobenzene	156	9.006	9.006	0.000	93	111816	10.0	10.0	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.012	0.001	95	104666	10.0	10.2	
99 N-Propylbenzene	91	9.037	9.037	0.000	99	451714	10.0	10.1	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	77	38224	10.0	10.3	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	29156	10.0	10.2	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	93564	10.0	10.1	
102 1,3,5-Trimethylbenzene	105	9.171	9.171	0.000	94	318657	10.0	10.3	
105 4-Chlorotoluene	126	9.232	9.238	-0.006	97	99937	10.0	10.3	
106 tert-Butylbenzene	134	9.452	9.451	0.001	94	64141	10.0	10.4	
107 1,2,4-Trimethylbenzene	105	9.500	9.494	0.006	97	328144	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.634	9.634	0.000	94	393020	10.0	10.1	
110 4-Isopropyltoluene	119	9.744	9.744	0.000	97	336542	10.0	10.2	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	98	201380	10.0	10.2	
113 1,4-Dichlorobenzene	146	9.854	9.854	0.000	97	205685	10.0	10.2	
115 n-Butylbenzene	91	10.098	10.098	0.000	99	311020	10.0	10.3	
116 1,2-Dichlorobenzene	146	10.183	10.189	-0.006	98	198568	10.0	10.3	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.872	0.000	86	16198	10.0	10.0	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	95	134504	10.0	10.3	
120 Hexachlorobutadiene	225	11.597	11.597	0.000	98	58080	10.0	8.94	
121 Naphthalene	128	11.725	11.725	0.000	97	323586	10.0	10.3	
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	96	129965	10.0	10.4	
S 124 Xylenes, Total	1				0			20.4	
S 123 Total BTEX	1				0			50.1	
S 125 1,2-Dichloroethene, Total	1				0			19.6	
S 126 1,3-Dichloropropene, Total	1				0			19.8	

Reagents:

8260 CORP mix_00182	Amount Added:	5.00	Units: uL	
GAS CORP mix_00393	Amount Added:	5.00	Units: uL	
D 8260 IS/SUR_00012	Amount Added:	1.00	Units: uL	Run Reagent

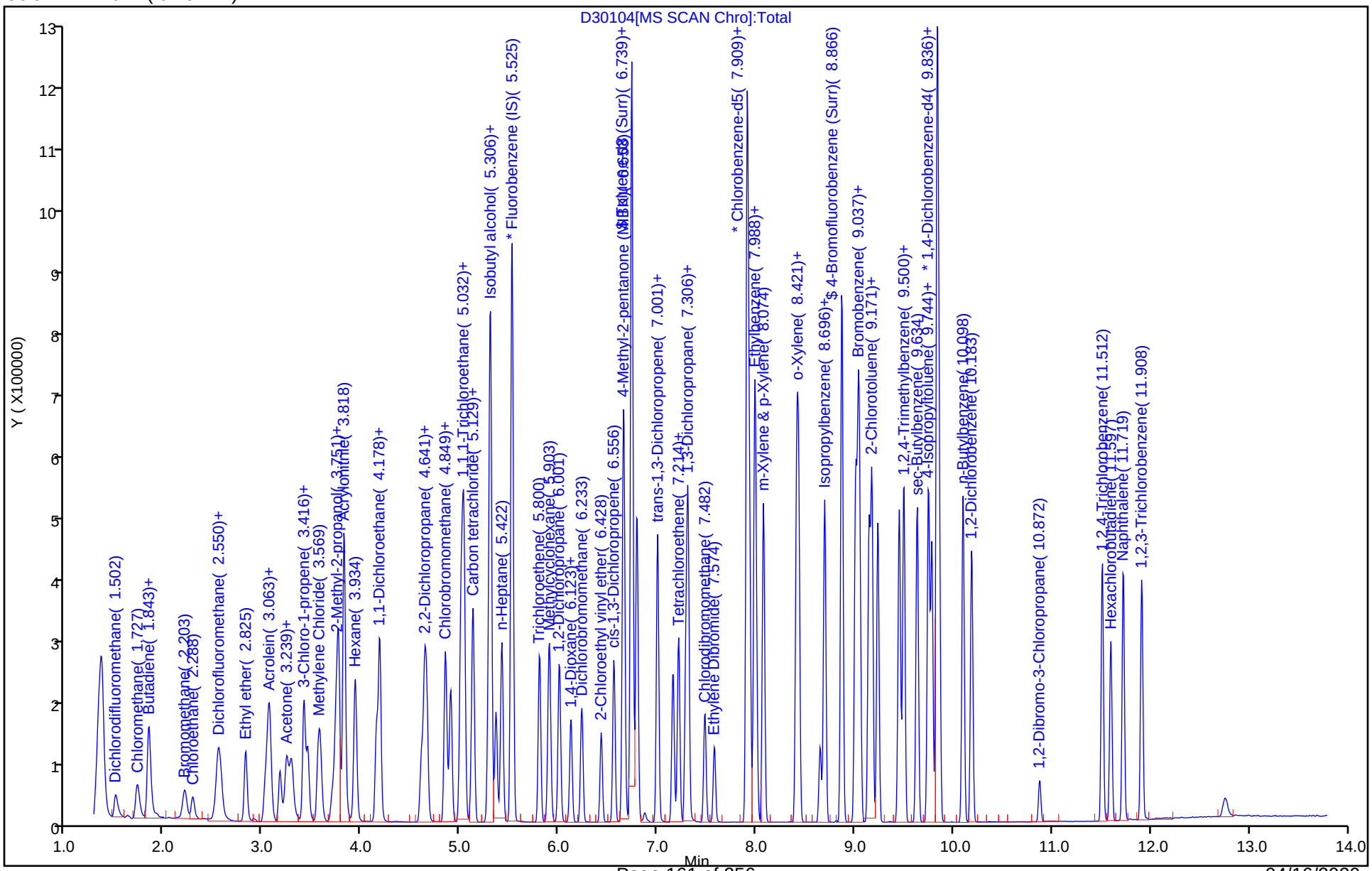
Report Date: 08-Apr-2020 11:45:32 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30104.D

Injection Date:	07-Apr-2020 16:19:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC 4			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30105.D
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 07-Apr-2020 16:42:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0089373-014
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:33 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 10:10:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.525	5.525	0.000	98	146070	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.909	0.000	88	323808	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.836	0.000	96	329783	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	94	225194	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.306	5.306	0.000	97	122704	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	752599	25.0	25.1	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	93	255578	25.0	25.2	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	99	187269	25.0	23.3	
12 Chloromethane	50	1.727	1.727	0.000	99	257754	25.0	24.5	
144 Butadiene	54	1.843	1.843	0.000	96	174263	25.0	24.6	
13 Vinyl chloride	62	1.849	1.849	0.000	98	176624	25.0	23.6	
14 Bromomethane	94	2.209	2.209	0.000	90	128404	25.0	25.3	
15 Chloroethane	64	2.288	2.288	0.000	96	93243	25.0	24.7	
16 Dichlorofluoromethane	67	2.550	2.550	0.000	97	251977	25.0	25.2	
17 Trichlorofluoromethane	101	2.557	2.557	0.000	98	226514	25.0	24.9	
18 Ethyl ether	59	2.825	2.825	0.000	96	186810	25.0	25.7	
20 Acrolein	56	3.020	3.020	0.000	99	63127	125.0	130.8	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.044	0.000	95	168836	25.0	22.7	
22 1,1-Dichloroethene	96	3.069	3.069	0.000	93	162307	25.0	24.2	
23 Acetone	43	3.172	3.172	0.000	99	306269	125.0	126.6	
25 Iodomethane	142	3.239	3.239	0.000	100	372743	25.0	25.1	
26 Carbon disulfide	76	3.288	3.288	0.000	100	567552	25.0	25.6	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	90	422339	25.0	24.9	
27 Methyl acetate	43	3.453	3.453	0.000	100	366934	50.0	49.0	
30 Methylene Chloride	84	3.575	3.575	0.000	93	201377	25.0	24.5	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	98	190502	250.0	275.3	
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	99	501938	25.0	25.7	
34 trans-1,2-Dichloroethene	96	3.770	3.770	0.000	93	192364	25.0	25.1	
33 Acrylonitrile	53	3.825	3.825	0.000	98	899143	250.0	258.6	
35 Hexane	57	3.934	3.934	0.000	96	314738	25.0	22.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.154	4.154	0.000	97	395530	25.0	25.2	
37 Vinyl acetate	43	4.184	4.184	0.000	96	1117818	50.0	52.6	
44 2,2-Dichloropropane	77	4.611	4.611	0.000	93	178306	25.0	25.2	
45 cis-1,2-Dichloroethene	96	4.642	4.642	0.000	84	217264	25.0	25.4	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	561257	125.0	124.3	
48 Chlorobromomethane	128	4.849	4.849	0.000	92	121869	25.0	25.3	
49 Tetrahydrofuran	42	4.861	4.861	0.000	94	155808	50.0	48.4	
50 Chloroform	83	4.904	4.904	0.000	96	374853	25.0	24.3	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	98	282652	25.0	25.1	
52 Cyclohexane	56	5.013	5.013	0.000	94	382383	25.0	22.5	
55 Carbon tetrachloride	117	5.123	5.123	0.000	97	212703	25.0	21.9	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	93	255100	25.0	24.9	
53 Isobutyl alcohol	43	5.282	5.282	0.000	94	246668	625.0	658.5	
57 Benzene	78	5.306	5.306	0.000	97	734633	25.0	25.0	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	96	310499	25.0	24.0	
59 n-Heptane	43	5.422	5.422	0.000	97	373645	25.0	21.6	
62 Trichloroethene	95	5.806	5.806	0.000	96	214474	25.0	25.6	
64 Methylcyclohexane	83	5.903	5.903	0.000	97	281481	25.0	22.3	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	94	233713	25.0	25.3	
66 1,4-Dioxane	88	6.111	6.111	0.000	95	21023	500.0	546.8	
67 Dibromomethane	93	6.123	6.123	0.000	97	138433	25.0	25.4	
68 Dichlorobromomethane	83	6.233	6.233	0.000	98	282262	25.0	25.7	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	91	144205	25.0	25.7	
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	91	325271	25.0	25.6	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.653	0.000	98	1258675	125.0	125.7	
74 Toluene	92	6.794	6.794	0.000	97	490045	25.0	24.7	
75 Ethyl methacrylate	69	7.001	7.001	0.000	96	227107	25.0	26.0	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	97	304630	25.0	25.5	
79 1,1,2-Trichloroethane	83	7.159	7.159	0.000	93	155555	25.0	24.6	
81 Tetrachloroethene	166	7.214	7.214	0.000	96	226862	25.0	25.6	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	287706	25.0	24.6	
80 2-Hexanone	43	7.312	7.312	0.000	100	879916	125.0	126.9	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	243348	25.0	26.1	
84 Ethylene Dibromide	107	7.580	7.580	0.000	98	209975	25.0	25.2	
87 Chlorobenzene	112	7.934	7.934	0.000	99	591862	25.0	24.6	
88 Ethylbenzene	91	7.982	7.982	0.000	98	947655	25.0	25.1	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	216485	25.0	25.8	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	99	371683	25.0	25.7	
91 o-Xylene	106	8.409	8.409	0.000	98	362023	25.0	25.7	
92 Styrene	104	8.433	8.433	0.000	95	628296	25.0	26.2	
95 Bromoform	173	8.647	8.647	0.000	97	155827	25.0	27.0	
94 Isopropylbenzene	105	8.696	8.696	0.000	96	929248	25.0	25.3	
101 Bromobenzene	156	9.007	9.007	0.000	94	272792	25.0	24.3	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	93	253659	25.0	24.6	
99 N-Propylbenzene	91	9.037	9.037	0.000	99	1136063	25.0	25.3	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	78	94920	25.0	25.4	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	87	70008	25.0	24.4	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	234553	25.0	25.1	
102 1,3,5-Trimethylbenzene	105	9.177	9.177	0.000	93	799958	25.0	25.7	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	252315	25.0	25.7	
106 tert-Butylbenzene	134	9.452	9.452	0.000	93	160500	25.0	25.8	
107 1,2,4-Trimethylbenzene	105	9.500	9.500	0.000	98	815868	25.0	25.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.634	9.634	0.000	94	991830	25.0	25.4	
110 4-Isopropyltoluene	119	9.744	9.744	0.000	97	865373	25.0	25.9	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	98	496052	25.0	24.9	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	97	504245	25.0	24.9	
115 n-Butylbenzene	91	10.098	10.098	0.000	98	791641	25.0	25.9	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	483607	25.0	24.9	
117 1,2-Dibromo-3-Chloropropan	75	10.878	10.878	0.000	86	41580	25.0	25.2	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	95	345587	25.0	26.2	
120 Hexachlorobutadiene	225	11.597	11.597	0.000	98	151920	25.0	22.4	
121 Naphthalene	128	11.726	11.726	0.000	97	826278	25.0	26.2	
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	96	324480	25.0	25.6	

Reagents:

8260 CORP mix_00182	Amount Added: 12.50	Units: uL	
GAS CORP mix_00393	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

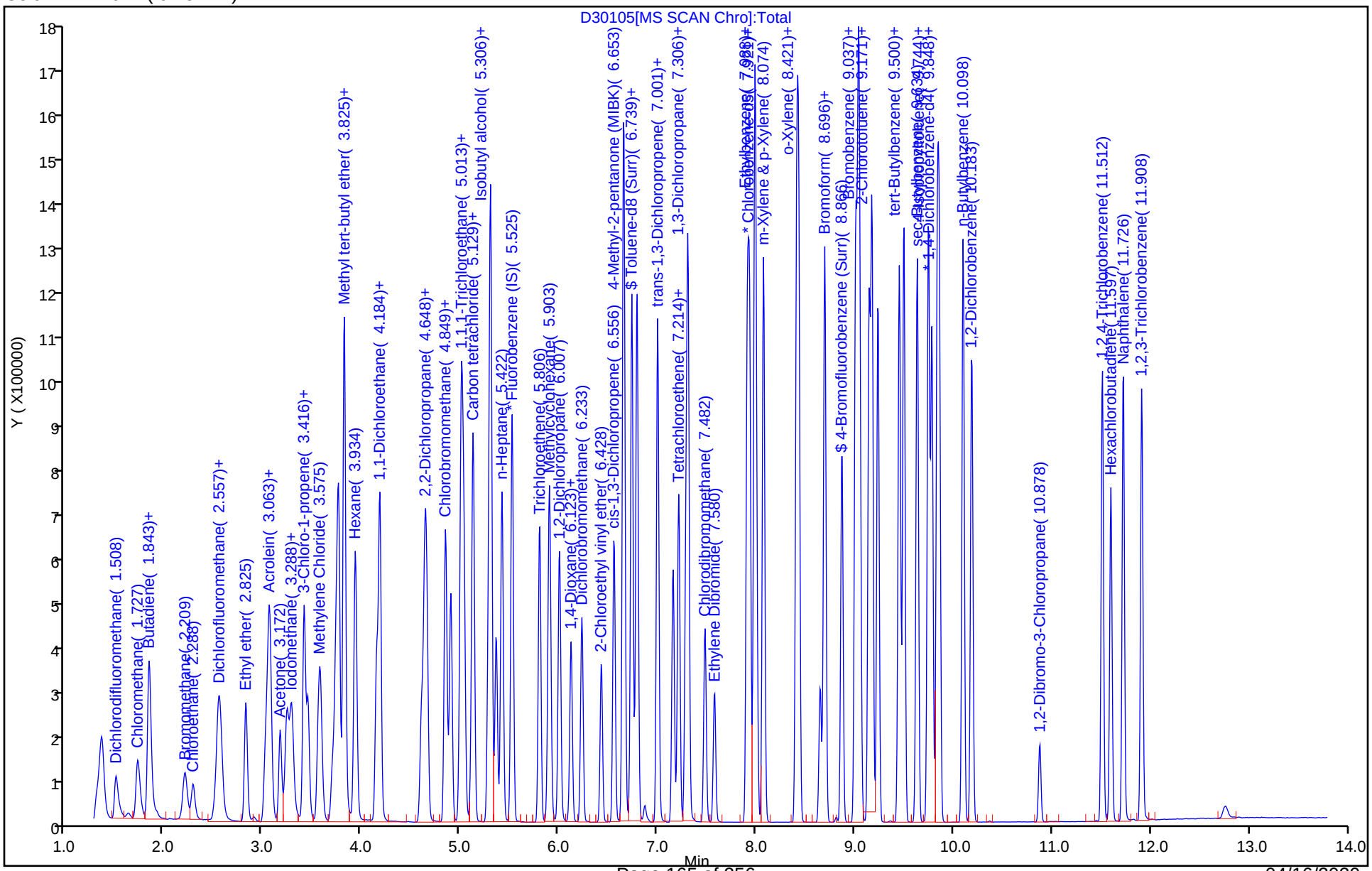
Report Date: 08-Apr-2020 11:45:34 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30105.D

Injection Date:	07-Apr-2020 16:42:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	ICIS 5			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30106.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 07-Apr-2020 17:05:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0089373-015
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:36 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 10:26:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.526	5.525	0.001	98	148312	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.909	0.000	86	327555	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.836	0.000	95	319475	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	94	223986	25.0	24.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.306	5.306	0.000	91	121623	25.0	24.6	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	752264	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	93	255228	25.0	24.9	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	99	425159	50.0	51.9	
12 Chloromethane	50	1.734	1.727	0.007	99	516537	50.0	48.4	
144 Butadiene	54	1.849	1.843	0.006	93	383462	50.0	53.3	
13 Vinyl chloride	62	1.849	1.849	0.000	70	384750	50.0	50.3	
14 Bromomethane	94	2.215	2.209	0.006	92	261946	50.0	50.9	
15 Chloroethane	64	2.294	2.288	0.006	96	191098	50.0	49.8	
16 Dichlorofluoromethane	67	2.551	2.550	0.001	97	517944	50.0	51.0	
17 Trichlorofluoromethane	101	2.563	2.557	0.006	98	512717	50.0	55.4	
18 Ethyl ether	59	2.825	2.825	0.000	96	375846	50.0	51.0	
20 Acrolein	56	3.020	3.020	0.000	99	127474	250.0	260.0	
21 1,1,2-Trichloro-1,2,2-trif	101	3.050	3.044	0.006	94	400127	50.0	52.6	
22 1,1-Dichloroethene	96	3.075	3.069	0.006	96	366012	50.0	53.7	
23 Acetone	43	3.172	3.172	0.000	99	568453	250.0	231.3	
25 Iodomethane	142	3.246	3.239	0.007	100	787033	50.0	52.2	
26 Carbon disulfide	76	3.294	3.288	0.006	100	1165454	50.0	51.8	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	89	873883	50.0	50.7	
27 Methyl acetate	43	3.453	3.453	0.000	100	723445	100.0	95.2	
30 Methylene Chloride	84	3.581	3.575	0.006	93	412085	50.0	49.7	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	95	353578	500.0	503.2	M
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	99	1008582	50.0	50.9	
34 trans-1,2-Dichloroethene	96	3.770	3.770	0.000	93	408990	50.0	52.7	
33 Acrylonitrile	53	3.825	3.825	0.000	98	1720889	500.0	487.4	
35 Hexane	57	3.934	3.934	0.000	96	760714	50.0	53.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.154	4.154	0.000	96	832581	50.0	52.2	
37 Vinyl acetate	43	4.184	4.184	0.000	96	2322506	100.0	107.7	
44 2,2-Dichloropropane	77	4.611	4.611	0.000	93	370742	50.0	51.6	
45 cis-1,2-Dichloroethene	96	4.642	4.642	0.000	84	450181	50.0	51.9	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	1105602	250.0	241.2	
48 Chlorobromomethane	128	4.849	4.849	0.000	92	255520	50.0	52.3	
49 Tetrahydrofuran	42	4.861	4.861	0.000	94	303610	100.0	92.9	
50 Chloroform	83	4.904	4.904	0.000	95	776251	50.0	49.6	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	98	610809	50.0	53.3	
52 Cyclohexane	56	5.013	5.013	0.000	94	906929	50.0	52.1	
55 Carbon tetrachloride	117	5.123	5.123	0.000	98	503418	50.0	50.2	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	92	562960	50.0	54.1	
53 Isobutyl alcohol	43	5.282	5.282	0.000	94	485112	1250.0	1275.4	
57 Benzene	78	5.312	5.306	0.006	97	1531211	50.0	51.4	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	96	634622	50.0	48.2	
59 n-Heptane	43	5.422	5.422	0.000	97	899842	50.0	50.8	
62 Trichloroethene	95	5.806	5.806	0.000	96	455876	50.0	53.6	
64 Methylcyclohexane	83	5.904	5.903	0.001	97	681194	50.0	52.6	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	94	491710	50.0	52.3	
66 1,4-Dioxane	88	6.111	6.111	0.000	96	42921	1000.0	1103.6	
67 Dibromomethane	93	6.123	6.123	0.000	97	285405	50.0	51.5	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	597517	50.0	53.6	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	91	308102	50.0	54.1	
72 cis-1,3-Dichloropropene	75	6.556	6.556	0.000	91	690565	50.0	53.5	
73 4-Methyl-2-pentanone (MIBK	43	6.659	6.653	0.006	98	2547243	250.0	251.4	
74 Toluene	92	6.794	6.794	0.000	98	1047418	50.0	52.1	
75 Ethyl methacrylate	69	7.007	7.001	0.006	96	474319	50.0	53.6	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	97	635758	50.0	52.7	
79 1,1,2-Trichloroethane	83	7.159	7.159	0.000	93	318189	50.0	49.8	
81 Tetrachloroethene	166	7.214	7.214	0.000	96	489739	50.0	54.6	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	98	597905	50.0	50.5	
80 2-Hexanone	43	7.312	7.312	0.000	99	1781885	250.0	254.0	
83 Chlorodibromomethane	129	7.483	7.482	0.000	90	514749	50.0	54.6	
84 Ethylene Dibromide	107	7.580	7.580	0.000	98	432625	50.0	51.4	
87 Chlorobenzene	112	7.934	7.934	0.000	95	1245321	50.0	51.1	
88 Ethylbenzene	91	7.989	7.982	0.006	98	2008954	50.0	52.6	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	457757	50.0	53.9	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	99	777319	50.0	53.0	
91 o-Xylene	106	8.409	8.409	0.000	97	754569	50.0	52.9	
92 Styrene	104	8.434	8.433	0.001	95	1318816	50.0	54.4	
95 Bromoform	173	8.653	8.647	0.006	97	322933	50.0	55.3	
94 Isopropylbenzene	105	8.696	8.696	0.000	96	1978895	50.0	55.5	
101 Bromobenzene	156	9.007	9.007	0.000	91	568521	50.0	52.2	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	93	502222	50.0	50.3	
99 N-Propylbenzene	91	9.037	9.037	0.000	99	2403454	50.0	55.3	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	82	192122	50.0	53.1	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	89	138786	50.0	49.9	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	489208	50.0	54.1	
102 1,3,5-Trimethylbenzene	105	9.177	9.177	0.000	94	1655150	50.0	54.9	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	515888	50.0	54.2	
106 tert-Butylbenzene	134	9.452	9.452	0.000	93	339741	50.0	56.3	
107 1,2,4-Trimethylbenzene	105	9.500	9.500	0.000	98	1694904	50.0	55.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.635	9.634	0.001	94	2129576	50.0	56.2	
110 4-Isopropyltoluene	119	9.750	9.744	0.006	97	1819196	50.0	56.2	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	98	1002245	50.0	51.9	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	97	1021071	50.0	52.0	
115 n-Butylbenzene	91	10.098	10.098	0.000	99	1696020	50.0	57.3	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	989940	50.0	52.6	
117 1,2-Dibromo-3-Chloropropan	75	10.878	10.878	0.000	87	85178	50.0	53.2	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	95	691787	50.0	54.1	
120 Hexachlorobutadiene	225	11.598	11.597	0.001	98	325588	50.0	49.0	
121 Naphthalene	128	11.726	11.726	0.000	97	1620395	50.0	53.0	
122 1,2,3-Trichlorobenzene	180	11.908	11.908	0.000	97	649121	50.0	52.9	
S 124 Xylenes, Total	1				0			105.9	
S 123 Total BTEX	1				0			262.0	
S 125 1,2-Dichloroethene, Total	1				0			104.6	
S 126 1,3-Dichloropropene, Total	1				0			106.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00182	Amount Added: 25.00	Units: uL	
GAS CORP mix_00393	Amount Added: 25.00	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

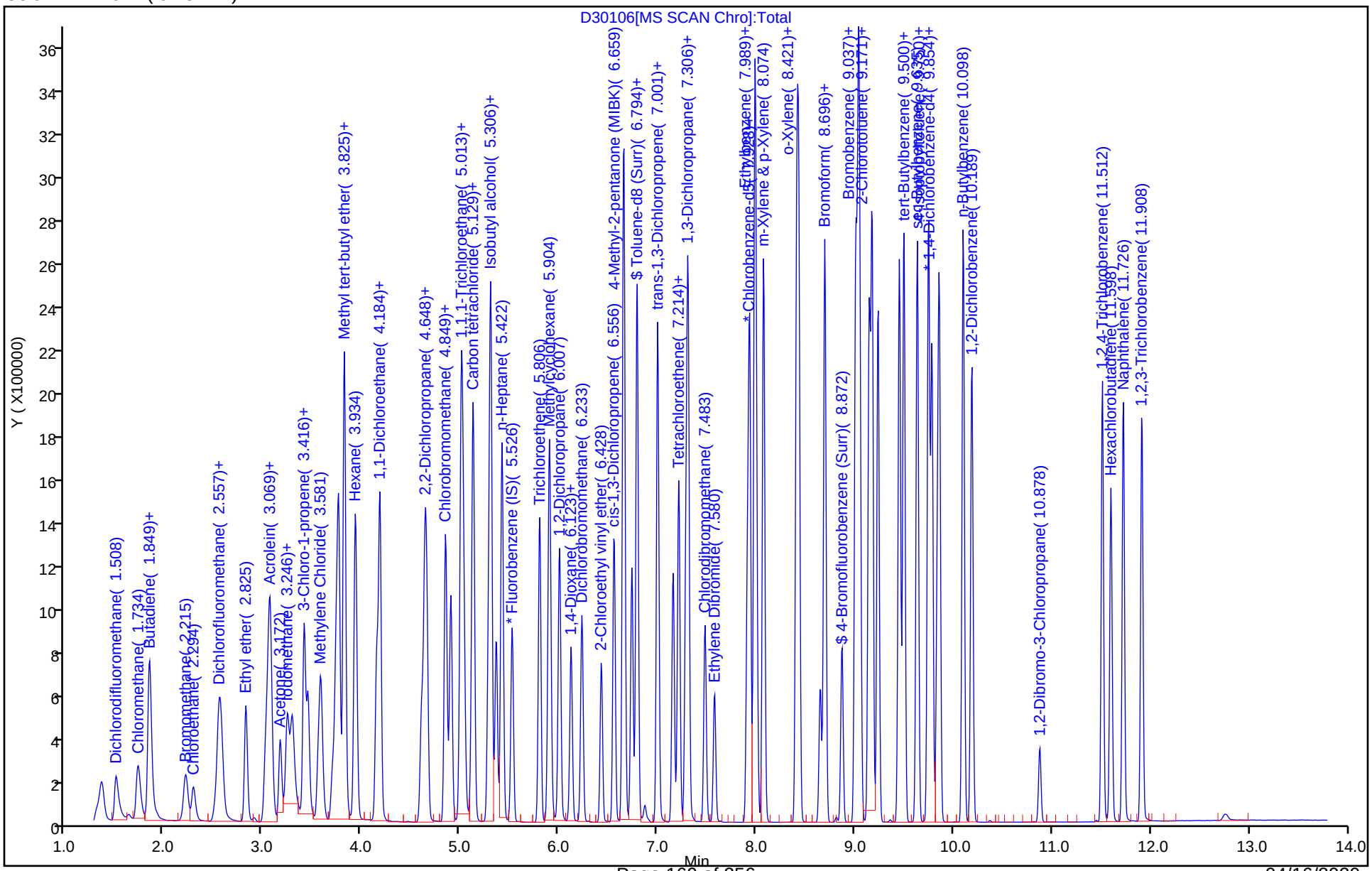
Report Date: 08-Apr-2020 11:45:37 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30106.D

Injection Date:	07-Apr-2020 17:05:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC 6			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo

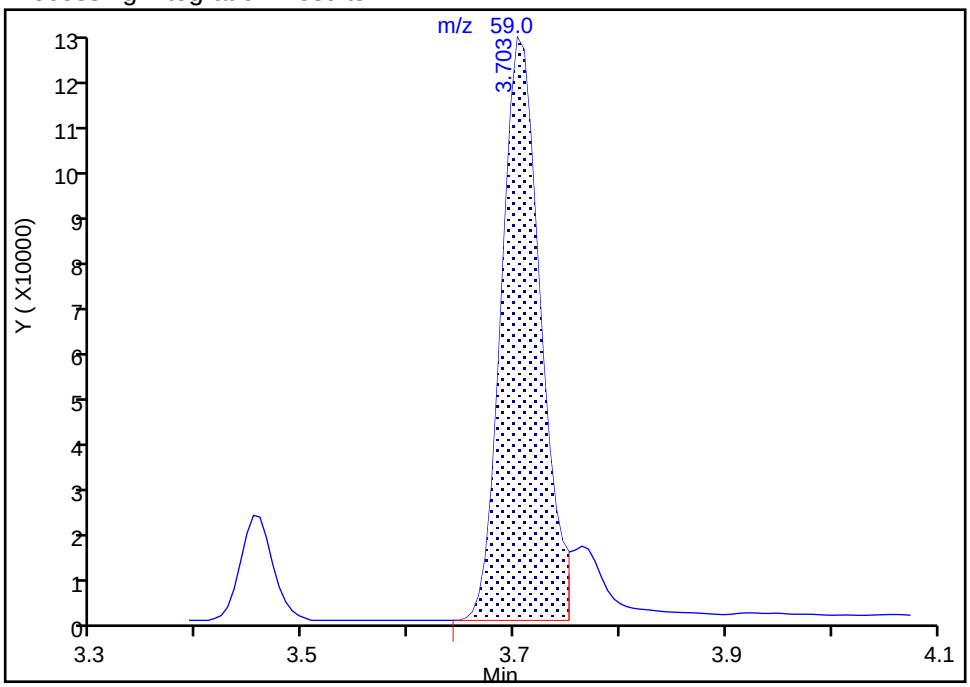
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30106.D
Injection Date: 07-Apr-2020 17:05:30 Instrument ID: HP5975D
Lims ID: IC 6
Client ID:
Operator ID: LH ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

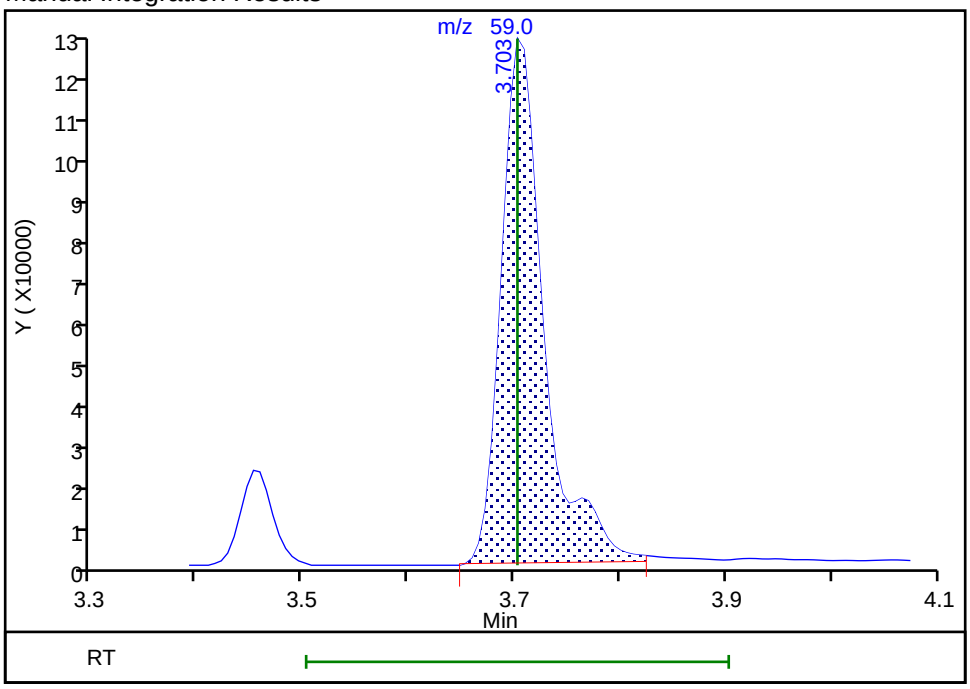
Processing Integration Results

RT: 3.70
Area: 326230
Amount: 477.1978
Amount Units: ug/L



Manual Integration Results

RT: 3.70
Area: 353578
Amount: 503.1998
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:26:16
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30107.D
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 07-Apr-2020 17:28:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0089373-016
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 11:45:38 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 10:27:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.526	5.525	0.001	98	146613	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.909	0.000	86	322876	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.836	0.000	95	311501	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	93	222427	25.0	24.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.306	5.306	0.000	97	119837	25.0	24.5	
$ 5 Toluene-d8 (Surr)	98	6.739	6.739	0.000	94	751869	25.0	25.2	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	93	251262	25.0	24.8	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	99	818867	100.0	100.8	
12 Chloromethane	50	1.728	1.727	0.001	99	1065345	100.0	101.0	
144 Butadiene	54	1.843	1.843	0.000	93	769162	100.0	108.2	
13 Vinyl chloride	62	1.849	1.849	0.000	98	768780	100.0	101.5	
14 Bromomethane	94	2.209	2.209	0.000	91	526196	100.0	103.5	
15 Chloroethane	64	2.288	2.288	0.000	96	385476	100.0	101.6	
16 Dichlorofluoromethane	67	2.551	2.550	0.001	98	1041050	100.0	103.8	
17 Trichlorofluoromethane	101	2.557	2.557	0.000	98	1001900	100.0	109.6	
18 Ethyl ether	59	2.825	2.825	0.000	96	743177	100.0	102.0	
20 Acrolein	56	3.020	3.020	0.000	99	251334	500.0	518.6	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.044	0.000	95	759648	100.0	100.9	
22 1,1-Dichloroethene	96	3.069	3.069	0.000	98	704872	100.0	104.6	
23 Acetone	43	3.172	3.172	0.000	99	901560	500.0	371.2	
25 Iodomethane	142	3.239	3.239	0.000	99	1585851	100.0	106.5	
26 Carbon disulfide	76	3.294	3.288	0.006	100	2340534	100.0	105.3	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	89	1718417	100.0	100.8	
27 Methyl acetate	43	3.453	3.453	0.000	100	1308745	200.0	174.2	
30 Methylene Chloride	84	3.575	3.575	0.000	94	822606	100.0	100.6	
31 2-Methyl-2-propanol	59	3.703	3.703	0.000	91	532254	1000.0	766.3	M
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	99	2000223	100.0	102.1	
34 trans-1,2-Dichloroethene	96	3.770	3.770	0.000	93	804041	100.0	104.7	
33 Acrylonitrile	53	3.825	3.825	0.000	98	2870684	1000.0	822.5	
35 Hexane	57	3.934	3.934	0.000	96	1430307	100.0	100.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.154	4.154	0.000	96	1621992	100.0	102.8	
37 Vinyl acetate	43	4.184	4.184	0.000	96	4720584	200.0	221.4	
44 2,2-Dichloropropane	77	4.611	4.611	0.000	95	720973	100.0	101.6	
45 cis-1,2-Dichloroethene	96	4.642	4.642	0.000	86	897906	100.0	104.8	
43 2-Butanone (MEK)	43	4.660	4.660	0.000	97	2015807	500.0	444.9	
48 Chlorobromomethane	128	4.849	4.849	0.000	93	499780	100.0	103.5	
49 Tetrahydrofuran	42	4.861	4.861	0.000	94	552238	200.0	171.0	
50 Chloroform	83	4.904	4.904	0.000	95	1520674	100.0	98.3	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	98	1234510	100.0	109.0	
52 Cyclohexane	56	5.013	5.013	0.000	94	1747408	100.0	101.2	
55 Carbon tetrachloride	117	5.123	5.123	0.000	97	1045609	100.0	104.6	
54 1,1-Dichloropropene	75	5.129	5.129	0.000	93	1099987	100.0	107.0	
53 Isobutyl alcohol	43	5.282	5.282	0.000	95	745935	2500.0	1983.8	
57 Benzene	78	5.312	5.306	0.006	97	2983197	100.0	101.2	
58 1,2-Dichloroethane	62	5.361	5.361	0.000	96	1223068	100.0	94.0	
59 n-Heptane	43	5.422	5.422	0.000	97	1822784	100.0	103.5	
62 Trichloroethene	95	5.806	5.806	0.000	96	893741	100.0	106.2	
64 Methylcyclohexane	83	5.904	5.903	0.001	97	1295012	100.0	100.9	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	96	970016	100.0	104.4	
66 1,4-Dioxane	88	6.111	6.111	0.000	97	59656	2000.0	1556.1	
67 Dibromomethane	93	6.123	6.123	0.000	97	561159	100.0	102.5	
68 Dichlorobromomethane	83	6.233	6.233	0.000	98	1216876	100.0	110.4	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	91	639528	100.0	113.5	
72 cis-1,3-Dichloropropene	75	6.562	6.556	0.006	91	1400783	100.0	109.7	
73 4-Methyl-2-pentanone (MIBK	43	6.659	6.653	0.006	98	5029729	500.0	503.6	
74 Toluene	92	6.794	6.794	0.000	97	2060209	100.0	104.1	
75 Ethyl methacrylate	69	7.007	7.001	0.006	97	1003635	100.0	115.1	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	97	1290342	100.0	108.5	
79 1,1,2-Trichloroethane	83	7.159	7.159	0.000	93	641183	100.0	101.8	
81 Tetrachloroethene	166	7.214	7.214	0.000	96	965169	100.0	109.1	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	96	1182554	100.0	101.2	
80 2-Hexanone	43	7.312	7.312	0.000	99	3496209	500.0	505.7	
83 Chlorodibromomethane	129	7.483	7.482	0.000	90	1036444	100.0	111.5	
84 Ethylene Dibromide	107	7.580	7.580	0.000	98	866215	100.0	104.4	
87 Chlorobenzene	112	7.934	7.934	0.000	95	2424636	100.0	101.0	
88 Ethylbenzene	91	7.989	7.982	0.006	98	3958997	100.0	105.2	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	914694	100.0	109.2	
90 m-Xylene & p-Xylene	106	8.074	8.074	0.000	99	1540265	100.0	106.6	
91 o-Xylene	106	8.415	8.409	0.006	98	1453036	100.0	103.3	
92 Styrene	104	8.434	8.433	0.001	95	2550424	100.0	106.8	
95 Bromoform	173	8.653	8.647	0.006	97	647923	100.0	112.6	
94 Isopropylbenzene	105	8.696	8.696	0.000	96	3823171	100.0	110.0	
101 Bromobenzene	156	9.007	9.007	0.000	91	1100087	100.0	103.7	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	95	965673	100.0	99.1	
99 N-Propylbenzene	91	9.037	9.037	0.000	99	4601529	100.0	108.5	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	78	371753	100.0	105.4	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	86	260622	100.0	96.1	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	946519	100.0	107.4	
102 1,3,5-Trimethylbenzene	105	9.177	9.177	0.000	93	3202718	100.0	108.9	
105 4-Chlorotoluene	126	9.238	9.238	0.000	98	990234	100.0	106.8	
106 tert-Butylbenzene	134	9.452	9.452	0.000	94	645059	100.0	109.7	
107 1,2,4-Trimethylbenzene	105	9.500	9.500	0.000	98	3251539	100.0	108.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.635	9.634	0.001	94	4043737	100.0	109.5	
110 4-Isopropyltoluene	119	9.750	9.744	0.006	97	3498236	100.0	110.8	
111 1,3-Dichlorobenzene	146	9.781	9.781	0.000	98	1935220	100.0	102.9	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	95	1951142	100.0	101.9	
115 n-Butylbenzene	91	10.098	10.098	0.000	98	3224290	100.0	111.8	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	99	1891661	100.0	103.1	
117 1,2-Dibromo-3-Chloropropan	75	10.878	10.878	0.000	87	150388	100.0	96.2	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	95	1433114	100.0	114.9	
120 Hexachlorobutadiene	225	11.598	11.597	0.001	98	678441	100.0	104.1	
121 Naphthalene	128	11.726	11.726	0.000	97	3261389	100.0	109.3	
122 1,2,3-Trichlorobenzene	180	11.915	11.908	0.007	97	1361853	100.0	113.9	
S 124 Xylenes, Total	1				0			209.9	
S 123 Total BTEX	1				0			520.3	
S 125 1,2-Dichloroethene, Total	1				0			209.5	
S 126 1,3-Dichloropropene, Total	1				0			218.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00182	Amount Added: 50.00	Units: uL	
GAS CORP mix_00393	Amount Added: 50.00	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

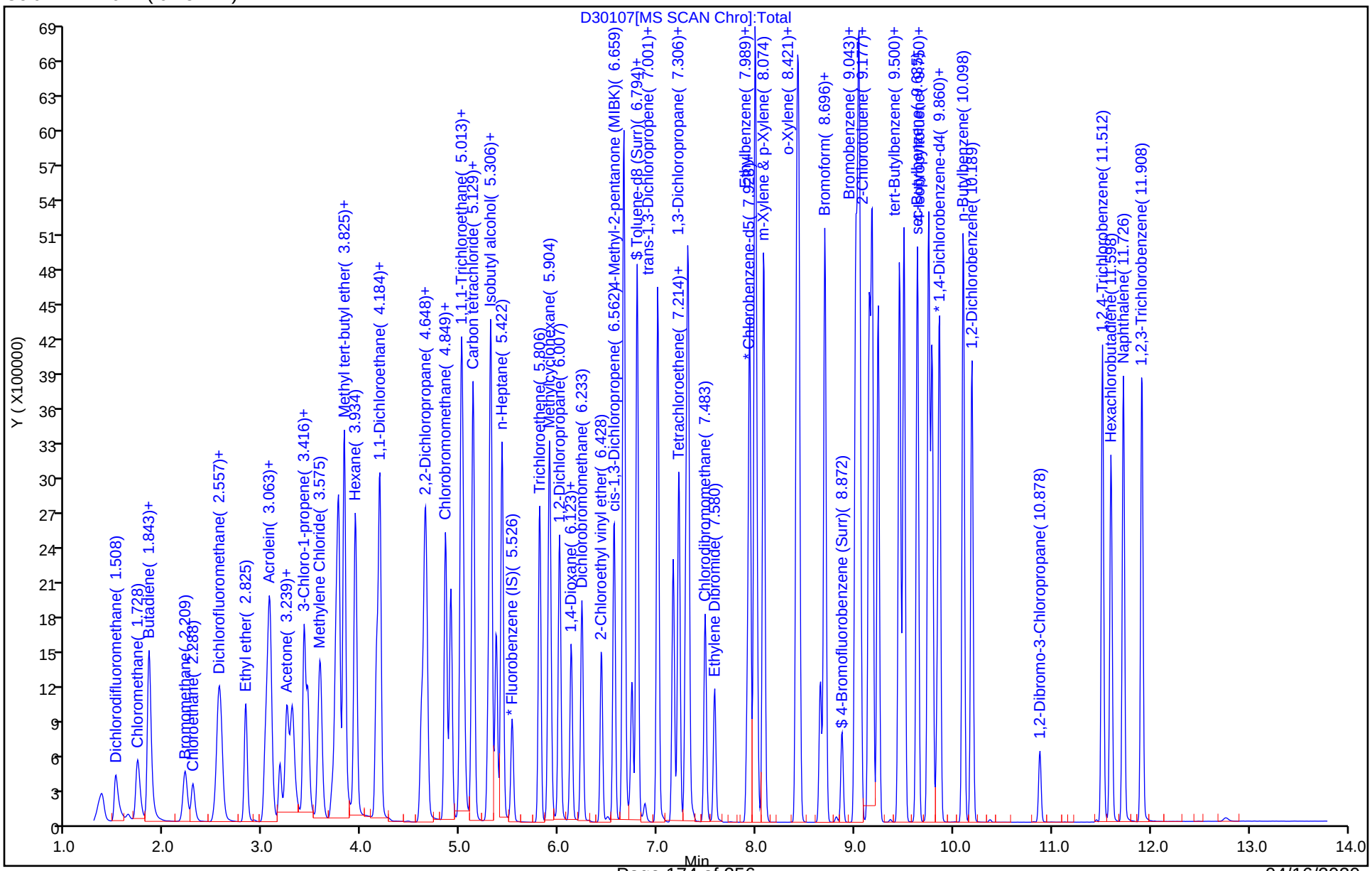
Report Date: 08-Apr-2020 11:45:39 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30107.D

Injection Date:	07-Apr-2020 17:28:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	IC 7			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Buffalo

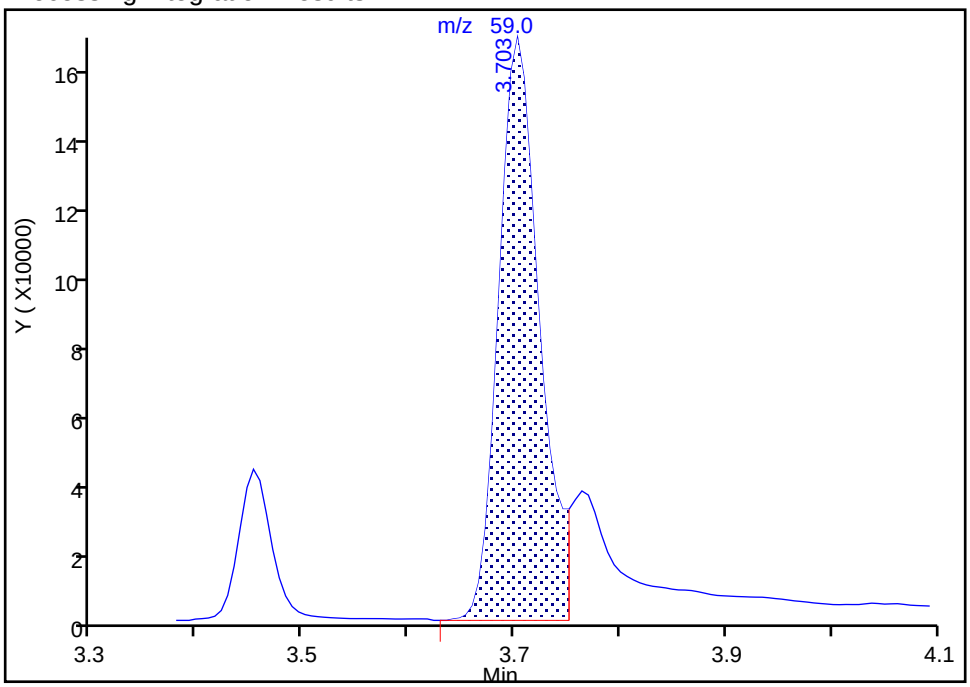
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30107.D
Injection Date: 07-Apr-2020 17:28:30 Instrument ID: HP5975D
Lims ID: IC 7
Client ID:
Operator ID: LH ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

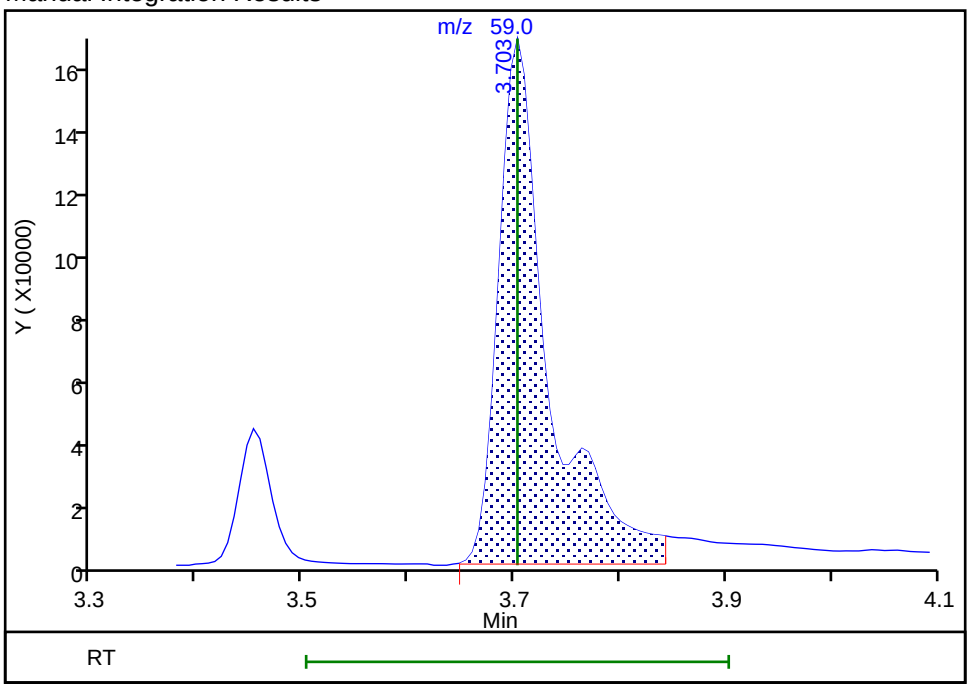
Processing Integration Results

RT: 3.70
Area: 435888
Amount: 638.6038
Amount Units: ug/L



Manual Integration Results

RT: 3.70
Area: 532254
Amount: 766.2633
Amount Units: ug/L



Reviewer: HillL, 08-Apr-2020 10:26:58
Audit Action: Manually Integrated Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: ICV 480-524885/7 Calibration Date: 04/08/2020 14:56

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.474	0.1000	26.8	25.0	7.1	50.0
Chloromethane	Ave	1.798	1.768	0.1000	24.6	25.0	-1.7	30.0
Butadiene	Ave	1.212	1.346		27.8	25.0	11.1	30.0
Vinyl chloride	Lin1		1.329	0.1000	25.9	25.0	3.5	30.0
Bromomethane	Ave	0.8672	0.9168	0.1000	26.4	25.0	5.7	50.0
Chloroethane	Ave	0.6471	0.6635	0.1000	25.6	25.0	2.5	50.0
Dichlorofluoromethane	Ave	1.711	1.807		26.4	25.0	5.6	30.0
Trichlorofluoromethane	Ave	1.559	1.750	0.1000	28.1	25.0	12.2	30.0
Ethyl ether	Ave	1.242	1.318		26.5	25.0	6.1	30.0
Acrolein	Ave	0.0826	0.1085		164	125	31.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.395	0.1000	27.3	25.0	9.3	30.0
1,1-Dichloroethene	Ave	1.149	1.253	0.1000	27.3	25.0	9.0	30.0
Acetone	Ave	0.4142	0.4351	0.1000	131	125	5.1	50.0
Iodomethane	Ave	2.539	2.695		26.5	25.0	6.1	30.0
Carbon disulfide	Ave	3.789	4.065	0.1000	26.8	25.0	7.3	30.0
Allyl chloride	Ave	2.906	3.016		25.9	25.0	3.8	30.0
Methyl acetate	Ave	1.281	1.259	0.1000	49.1	50.0	-1.7	50.0
Methylene Chloride	Lin1		1.415	0.1000	25.1	25.0	0.5	30.0
2-Methyl-2-propanol	Ave	0.1184	0.1340		283	250	13.1	50.0
Methyl tert-butyl ether	Ave	3.340	3.496	0.1000	26.2	25.0	4.7	30.0
trans-1,2-Dichloroethene	Ave	1.309	1.403	0.1000	26.8	25.0	7.1	30.0
Acrylonitrile	Ave	0.5951	0.6243		262	250	4.9	30.0
Hexane	Lin1		2.668		27.7	25.0	10.8	30.0
1,1-Dichloroethane	Ave	2.691	2.851	0.2000	26.5	25.0	6.0	30.0
Vinyl acetate	Ave	3.635	3.641		50.1	50.0	0.2	30.0
2,2-Dichloropropane	Ave	1.210	1.284		26.5	25.0	6.1	30.0
cis-1,2-Dichloroethene	Ave	1.461	1.558	0.1000	26.7	25.0	6.6	30.0
2-Butanone (MEK)	Ave	0.7726	0.7825	0.1000	127	125	1.3	30.0
Chlorobromomethane	Ave	0.8232	0.8682		26.4	25.0	5.5	30.0
Tetrahydrofuran	Ave	0.5507	0.5396		49.0	50.0	-2.0	30.0
Chloroform	Ave	2.637	2.674	0.2000	25.3	25.0	1.4	30.0
1,1,1-Trichloroethane	Ave	1.930	2.121	0.1000	27.5	25.0	9.9	30.0
Cyclohexane	Lin1		3.125	0.1000	26.8	25.0	7.2	30.0
Carbon tetrachloride	Lin1		1.748	0.1000	26.2	25.0	4.7	30.0
1,1-Dichloropropene	Ave	1.753	1.942		27.7	25.0	10.8	30.0
Isobutyl alcohol	Ave	0.0641	0.0663		647	625	3.5	50.0
Benzene	Ave	5.026	5.268	0.5000	26.2	25.0	4.8	30.0
1,2-Dichloroethane	Ave	2.219	2.205	0.1000	24.8	25.0	-0.6	30.0
n-Heptane	Lin1		3.131		26.4	25.0	5.6	30.0
Trichloroethene	Ave	1.435	1.553	0.2000	27.1	25.0	8.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: ICV 480-524885/7 Calibration Date: 04/08/2020 14:56

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30132.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
Methylcyclohexane	Lin1		2.358	0.1000	27.2	25.0	8.9	30.0
1,2-Dichloropropane	Ave	1.584	1.674	0.1000	26.4	25.0	5.7	30.0
1,4-Dioxane	Ave	0.0030	0.0027		457	500	-8.6	50.0
Dibromomethane	Ave	0.9339	0.9786	0.1000	26.2	25.0	4.8	30.0
Bromodichloromethane	Ave	1.879	2.017	0.2000	26.8	25.0	7.4	30.0
2-Chloroethyl vinyl ether	Ave	0.9605	1.034		26.9	25.0	7.6	30.0
cis-1,3-Dichloropropene	Ave	2.177	2.316	0.2000	26.6	25.0	6.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7734	0.7963	0.1000	129	125	3.0	30.0
Toluene	Ave	1.533	1.646	0.4000	26.9	25.0	7.4	30.0
trans-1,3-Dichloropropene	Ave	0.9210	0.9874	0.1000	26.8	25.0	7.2	30.0
Ethyl methacrylate	Ave	0.6751	0.7411		27.4	25.0	9.8	30.0
1,1,2-Trichloroethane	Ave	0.4875	0.4982	0.1000	25.5	25.0	2.2	30.0
Tetrachloroethene	Ave	0.6847	0.7744	0.2000	28.3	25.0	13.1	30.0
1,3-Dichloropropane	Ave	0.9045	0.9355		25.9	25.0	3.4	30.0
2-Hexanone	Ave	0.5354	0.5597	0.1000	131	125	4.6	30.0
Dibromochloromethane	Ave	0.7196	0.7953	0.1000	27.6	25.0	10.5	30.0
1,2-Dibromoethane	Ave	0.6424	0.6777		26.4	25.0	5.5	30.0
Chlorobenzene	Ave	1.859	1.948	0.5000	26.2	25.0	4.8	30.0
Ethylbenzene	Ave	2.914	3.099	0.1000	26.6	25.0	6.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6487	0.7135		27.5	25.0	10.0	30.0
m,p-Xylene	Ave	1.119	1.208	0.1000	27.0	25.0	8.0	30.0
o-Xylene	Ave	1.089	1.185	0.3000	27.2	25.0	8.7	30.0
Styrene	Ave	1.850	2.065	0.3000	27.9	25.0	11.6	30.0
Bromoform	Ave	0.4457	0.5039	0.1000	28.3	25.0	13.1	50.0
Isopropylbenzene	Ave	2.789	3.079	0.1000	27.6	25.0	10.4	30.0
Bromobenzene	Ave	0.8517	0.8874		26.0	25.0	4.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7820	0.7969	0.3000	25.5	25.0	1.9	30.0
N-Propylbenzene	Ave	3.403	3.731		27.4	25.0	9.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2832	0.2979		26.3	25.0	5.2	50.0
1,2,3-Trichloropropane	Ave	0.2177	0.2178		25.0	25.0	0.0	30.0
2-Chlorotoluene	Ave	0.7071	0.7626		27.0	25.0	7.9	30.0
1,3,5-Trimethylbenzene	Ave	2.360	2.599		27.5	25.0	10.2	30.0
4-Chlorotoluene	Ave	0.7444	0.8066		27.1	25.0	8.3	30.0
tert-Butylbenzene	Ave	0.4719	0.5365		28.4	25.0	13.7	30.0
1,2,4-Trimethylbenzene	Ave	2.413	2.675		27.7	25.0	10.8	30.0
sec-Butylbenzene	Ave	2.964	3.342		28.2	25.0	12.7	30.0
4-Isopropyltoluene	Ave	2.535	2.877		28.4	25.0	13.5	30.0
1,3-Dichlorobenzene	Ave	1.510	1.580	0.6000	26.2	25.0	4.6	30.0
1,4-Dichlorobenzene	Ave	1.537	1.627	0.5000	26.5	25.0	5.9	30.0
n-Butylbenzene	Ave	2.315	2.645		28.6	25.0	14.2	30.0
1,2-Dichlorobenzene	Ave	1.473	1.581	0.4000	26.8	25.0	7.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: ICV 480-524885/7 Calibration Date: 04/08/2020 14:56

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1367	0.0500	27.4	25.0	9.4	50.0
1,2,4-Trichlorobenzene	Ave	1.001	1.117	0.2000	27.9	25.0	11.7	30.0
Hexachlorobutadiene	Lin1		0.5368		26.0	25.0	4.1	30.0
Naphthalene	Ave	2.395	2.641		27.6	25.0	10.3	30.0
1,2,3-Trichlorobenzene	Ave	0.9596	1.054		27.5	25.0	9.8	30.0
Dibromofluoromethane (Surr)	Ave	1.521	1.521		25.0	25.0	-0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8342	0.8274		24.8	25.0	-0.8	30.0
Toluene-d8 (Surr)	Ave	2.315	2.328		25.1	25.0	0.6	30.0
4-Bromofluorobenzene (Surr)	Ave	0.7829	0.7931		25.3	25.0	1.3	30.0

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D30132.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Apr-2020 14:56:30 ALS Bottle#: 41 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 480-0089413-007
Operator ID: LH Instrument ID: HP5975D
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Apr-2020 16:34:42 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 08-Apr-2020 16:35:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.525	5.525	0.000	98	145451	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	318091	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	322227	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	0.000	94	221224	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.306	5.306	0.000	97	120339	25.0	24.8	
$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	740419	25.0	25.1	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	93	252286	25.0	25.3	
10 Dichlorodifluoromethane	85	1.508	1.508	0.000	99	214457	25.0	26.8	
12 Chloromethane	50	1.733	1.733	0.000	99	257113	25.0	24.6	
13 Vinyl chloride	62	1.855	1.849	0.006	96	193240	25.0	25.9	
144 Butadiene	54	1.849	1.849	0.000	92	195787	25.0	27.8	
14 Bromomethane	94	2.215	2.221	-0.006	92	133356	25.0	26.4	
15 Chloroethane	64	2.294	2.300	-0.006	96	96499	25.0	25.6	
16 Dichlorofluoromethane	67	2.556	2.556	0.000	97	262843	25.0	26.4	
17 Trichlorofluoromethane	101	2.563	2.563	0.000	98	254478	25.0	28.1	
18 Ethyl ether	59	2.825	2.825	0.000	96	191685	25.0	26.5	
20 Acrolein	56	3.020	3.020	0.000	100	78888	125.0	164.1	
21 1,1,2-Trichloro-1,2,2-trif	101	3.050	3.056	-0.006	95	202835	25.0	27.3	
22 1,1-Dichloroethene	96	3.075	3.075	0.000	93	182249	25.0	27.3	
23 Acetone	43	3.178	3.172	0.006	99	316453	125.0	131.3	
25 Iodomethane	142	3.251	3.251	0.000	100	391985	25.0	26.5	
26 Carbon disulfide	76	3.300	3.300	0.000	100	591327	25.0	26.8	
28 3-Chloro-1-propene	41	3.416	3.416	0.000	90	438653	25.0	25.9	
27 Methyl acetate	43	3.459	3.459	0.000	100	366303	50.0	49.1	
30 Methylene Chloride	84	3.587	3.593	-0.006	94	205853	25.0	25.1	
31 2-Methyl-2-propanol	59	3.709	3.709	0.000	93	194837	250.0	282.7	
32 Methyl tert-butyl ether	73	3.745	3.745	0.000	99	508530	25.0	26.2	
34 trans-1,2-Dichloroethene	96	3.770	3.770	0.000	93	204009	25.0	26.8	
33 Acrylonitrile	53	3.824	3.825	-0.001	98	908092	250.0	262.3	
35 Hexane	57	3.940	3.934	0.006	96	388001	25.0	27.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.154	4.154	0.000	96	414697	25.0	26.5	
37 Vinyl acetate	43	4.184	4.184	0.000	96	1059184	50.0	50.1	
44 2,2-Dichloropropane	77	4.611	4.611	0.000	94	186806	25.0	26.5	
45 cis-1,2-Dichloroethene	96	4.641	4.641	0.000	84	226571	25.0	26.7	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	97	569043	125.0	126.6	
48 Chlorobromomethane	128	4.849	4.849	0.000	93	126283	25.0	26.4	
49 Tetrahydrofuran	42	4.861	4.861	0.000	95	156980	50.0	49.0	
50 Chloroform	83	4.904	4.904	0.000	96	388915	25.0	25.3	
51 1,1,1-Trichloroethane	97	5.007	5.007	0.000	98	308480	25.0	27.5	
52 Cyclohexane	56	5.019	5.019	0.000	94	454498	25.0	26.8	
55 Carbon tetrachloride	117	5.129	5.129	0.000	98	254197	25.0	26.2	
54 1,1-Dichloropropene	75	5.135	5.135	0.000	93	282460	25.0	27.7	
53 Isobutyl alcohol	43	5.288	5.288	0.000	94	241244	625.0	646.7	
57 Benzene	78	5.312	5.312	0.000	97	766164	25.0	26.2	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	320763	25.0	24.8	
59 n-Heptane	43	5.422	5.422	0.000	97	455335	25.0	26.4	
62 Trichloroethene	95	5.806	5.806	0.000	96	225812	25.0	27.1	
64 Methylcyclohexane	83	5.903	5.903	0.000	97	343016	25.0	27.2	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	96	243510	25.0	26.4	
66 1,4-Dioxane	88	6.111	6.111	0.000	97	17261	500.0	457.0	
67 Dibromomethane	93	6.123	6.123	0.000	96	142335	25.0	26.2	
68 Dichlorobromomethane	83	6.233	6.233	0.000	98	293402	25.0	26.8	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	92	150337	25.0	26.9	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	92	336806	25.0	26.6	
73 4-Methyl-2-pentanone (MIBK	43	6.659	6.659	0.000	98	1266402	125.0	128.7	
74 Toluene	92	6.793	6.793	0.000	98	523728	25.0	26.9	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	314069	25.0	26.8	
75 Ethyl methacrylate	69	7.007	7.007	0.000	96	235730	25.0	27.4	
79 1,1,2-Trichloroethane	83	7.159	7.159	0.000	93	158463	25.0	25.5	
81 Tetrachloroethene	166	7.220	7.220	0.000	96	246340	25.0	28.3	
82 1,3-Dichloropropane	76	7.293	7.293	0.000	98	297558	25.0	25.9	
80 2-Hexanone	43	7.312	7.312	0.000	99	890225	125.0	130.7	
83 Chlorodibromomethane	129	7.482	7.482	0.000	91	252978	25.0	27.6	
84 Ethylene Dibromide	107	7.580	7.580	0.000	98	215559	25.0	26.4	
87 Chlorobenzene	112	7.933	7.933	0.000	96	619714	25.0	26.2	
88 Ethylbenzene	91	7.988	7.988	0.000	98	985654	25.0	26.6	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	226941	25.0	27.5	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	384248	25.0	27.0	
91 o-Xylene	106	8.415	8.415	0.000	97	376837	25.0	27.2	
92 Styrene	104	8.433	8.433	0.000	94	656841	25.0	27.9	
95 Bromoform	173	8.653	8.653	0.000	96	160286	25.0	28.3	
94 Isopropylbenzene	105	8.695	8.696	-0.001	96	992090	25.0	27.6	
101 Bromobenzene	156	9.013	9.013	-0.001	90	285933	25.0	26.0	
97 1,1,2,2-Tetrachloroethane	83	9.019	9.019	0.000	93	256784	25.0	25.5	
99 N-Propylbenzene	91	9.037	9.037	0.000	99	1202226	25.0	27.4	
98 trans-1,4-Dichloro-2-buten	53	9.049	9.049	0.000	78	95997	25.0	26.3	
100 1,2,3-Trichloropropane	110	9.061	9.061	0.000	87	70194	25.0	25.0	
103 2-Chlorotoluene	126	9.147	9.147	0.000	97	245728	25.0	27.0	
102 1,3,5-Trimethylbenzene	105	9.177	9.177	0.000	94	837583	25.0	27.5	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	259895	25.0	27.1	
106 tert-Butylbenzene	134	9.458	9.458	0.000	93	172887	25.0	28.4	
107 1,2,4-Trimethylbenzene	105	9.500	9.500	0.000	98	861817	25.0	27.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.634	9.634	0.000	95	1076776	25.0	28.2	
110 4-Isopropyltoluene	119	9.750	9.750	0.000	97	927187	25.0	28.4	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	98	509017	25.0	26.2	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	96	524406	25.0	26.5	
115 n-Butylbenzene	91	10.104	10.104	0.000	98	852156	25.0	28.6	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	99	509340	25.0	26.8	
117 1,2-Dibromo-3-Chloropropan	75	10.878	10.878	0.000	86	44062	25.0	27.4	
119 1,2,4-Trichlorobenzene	180	11.512	11.512	0.000	95	360055	25.0	27.9	
120 Hexachlorobutadiene	225	11.603	11.603	0.000	98	172984	25.0	26.0	
121 Naphthalene	128	11.725	11.725	0.000	97	851037	25.0	27.6	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	96	339519	25.0	27.5	

Reagents:

SS 8260 CORP_00083	Amount Added: 12.50	Units: uL	
SS GAS CORP_00346	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

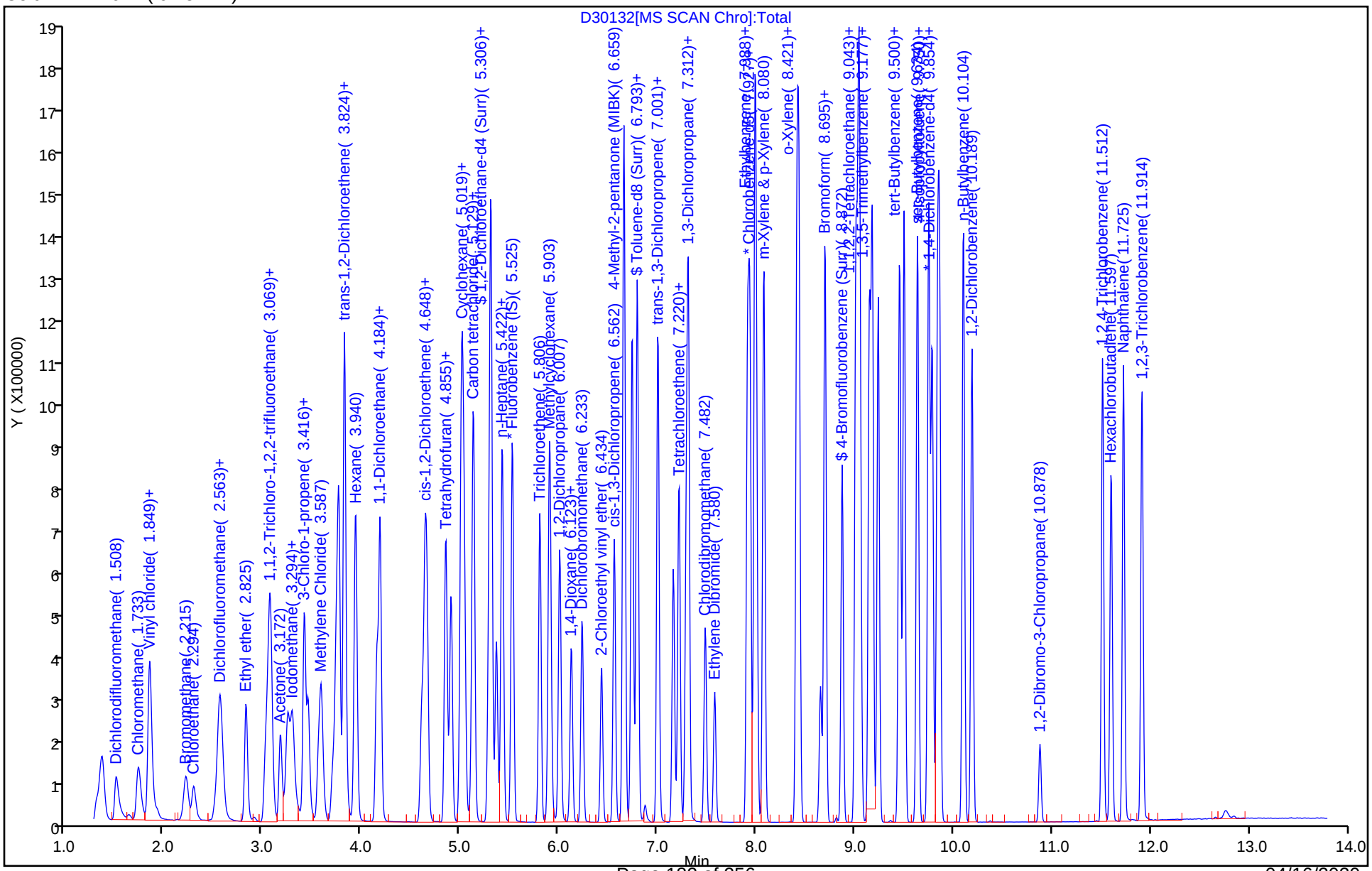
Report Date: 08-Apr-2020 16:35:29 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D30132.D

Injection Date:	08-Apr-2020 14:56:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	41
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525323/3 Calibration Date: 04/10/2020 11:16

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.587	0.1000	28.8	25.0	15.2	50.0
Chloromethane	Ave	1.798	1.954	0.1000	27.2	25.0	8.7	20.0
Butadiene	Ave	1.212	1.470		30.3	25.0	21.3*	20.0
Vinyl chloride	Lin1		1.403	0.1000	27.3	25.0	9.3	20.0
Bromomethane	Ave	0.8672	0.9667	0.1000	27.9	25.0	11.5	50.0
Chloroethane	Ave	0.6471	0.6928	0.1000	26.8	25.0	7.1	50.0
Dichlorofluoromethane	Ave	1.711	1.967		28.7	25.0	15.0	20.0
Trichlorofluoromethane	Ave	1.559	2.047	0.1000	32.8	25.0	31.3*	20.0
Ethyl ether	Ave	1.242	1.331		26.8	25.0	7.2	20.0
Acrolein	Ave	0.0826	0.1393		211	125	68.5*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.481	0.1000	29.0	25.0	16.0	20.0
1,1-Dichloroethene	Ave	1.149	1.261	0.1000	27.4	25.0	9.7	20.0
Acetone	Ave	0.4142	0.4008	0.1000	121	125	-3.2	50.0
Iodomethane	Ave	2.539	2.752		27.1	25.0	8.4	20.0
Carbon disulfide	Ave	3.789	4.152	0.1000	27.4	25.0	9.6	20.0
Allyl chloride	Ave	2.906	3.226		27.7	25.0	11.0	20.0
Methyl acetate	Ave	1.281	1.352	0.1000	52.8	50.0	5.5	50.0
Methylene Chloride	Lin1		1.426	0.1000	25.3	25.0	1.3	20.0
2-Methyl-2-propanol	Ave	0.1184	0.0984		208	250	-17.0	50.0
Methyl tert-butyl ether	Ave	3.340	3.568	0.1000	26.7	25.0	6.8	20.0
trans-1,2-Dichloroethene	Ave	1.309	1.397	0.1000	26.7	25.0	6.7	20.0
Acrylonitrile	Ave	0.5951	0.6158		259	250	3.5	20.0
Hexane	Lin1		2.838		29.4	25.0	17.8	20.0
1,1-Dichloroethane	Ave	2.691	2.900	0.2000	26.9	25.0	7.8	20.0
Vinyl acetate	Ave	3.635	3.948		54.3	50.0	8.6	20.0
2,2-Dichloropropane	Ave	1.210	1.351		27.9	25.0	11.6	20.0
cis-1,2-Dichloroethene	Ave	1.461	1.553	0.1000	26.6	25.0	6.3	20.0
2-Butanone (MEK)	Ave	0.7726	0.7464	0.1000	121	125	-3.4	20.0
Chlorobromomethane	Ave	0.8232	0.8634		26.2	25.0	4.9	20.0
Tetrahydrofuran	Ave	0.5507	0.5360		48.7	50.0	-2.7	20.0
Chloroform	Ave	2.637	2.703	0.2000	25.6	25.0	2.5	20.0
1,1,1-Trichloroethane	Ave	1.930	2.254	0.1000	29.2	25.0	16.7	20.0
Cyclohexane	Lin1		3.275	0.1000	28.1	25.0	12.3	20.0
Carbon tetrachloride	Lin1		2.116	0.1000	31.5	25.0	26.2*	20.0
1,1-Dichloropropene	Ave	1.753	1.979		28.2	25.0	12.9	20.0
Isobutyl alcohol	Ave	0.0641	0.0487		475	625	-24.0	50.0
Benzene	Ave	5.026	5.122	0.5000	25.5	25.0	1.9	20.0
1,2-Dichloroethane	Ave	2.219	2.285	0.1000	25.7	25.0	3.0	20.0
n-Heptane	Lin1		3.549		29.9	25.0	19.4	20.0
Trichloroethene	Ave	1.435	1.574	0.2000	27.4	25.0	9.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525323/3 Calibration Date: 04/10/2020 11:16

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30260.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
Methylcyclohexane	Lin1		2.406	0.1000	27.8	25.0	11.1	20.0
1,2-Dichloropropane	Ave	1.584	1.654	0.1000	26.1	25.0	4.5	20.0
1,4-Dioxane	Ave	0.0030	0.0020		336	500	-32.8	50.0
Dibromomethane	Ave	0.9339	0.9877	0.1000	26.4	25.0	5.8	20.0
Bromodichloromethane	Ave	1.879	2.065	0.2000	27.5	25.0	9.9	20.0
2-Chloroethyl vinyl ether	Ave	0.9605	1.031		26.8	25.0	7.4	20.0
cis-1,3-Dichloropropene	Ave	2.177	2.299	0.2000	26.4	25.0	5.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7734	0.8104	0.1000	131	125	4.8	20.0
Toluene	Ave	1.533	1.568	0.4000	25.6	25.0	2.3	20.0
Ethyl methacrylate	Ave	0.6751	0.7158		26.5	25.0	6.0	20.0
trans-1,3-Dichloropropene	Ave	0.9210	0.9758	0.1000	26.5	25.0	5.9	20.0
1,1,2-Trichloroethane	Ave	0.4875	0.4845	0.1000	24.8	25.0	-0.6	20.0
Tetrachloroethene	Ave	0.6847	0.7405	0.2000	27.0	25.0	8.1	20.0
1,3-Dichloropropane	Ave	0.9045	0.9176		25.4	25.0	1.4	20.0
2-Hexanone	Ave	0.5354	0.5729	0.1000	134	125	7.0	20.0
Dibromochloromethane	Ave	0.7196	0.7874	0.1000	27.4	25.0	9.4	20.0
1,2-Dibromoethane	Ave	0.6424	0.6596		25.7	25.0	2.7	20.0
Chlorobenzene	Ave	1.859	1.867	0.5000	25.1	25.0	0.4	20.0
Ethylbenzene	Ave	2.914	3.064	0.1000	26.3	25.0	5.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6487	0.7158		27.6	25.0	10.3	20.0
m,p-Xylene	Ave	1.119	1.188	0.1000	26.6	25.0	6.3	20.0
o-Xylene	Ave	1.089	1.154	0.3000	26.5	25.0	5.9	20.0
Styrene	Ave	1.850	2.003	0.3000	27.1	25.0	8.3	20.0
Bromoform	Ave	0.4457	0.5186	0.1000	29.1	25.0	16.3	50.0
Isopropylbenzene	Ave	2.789	3.073	0.1000	27.5	25.0	10.2	20.0
Bromobenzene	Ave	0.8517	0.8706		25.6	25.0	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7820	0.7686	0.3000	24.6	25.0	-1.7	20.0
N-Propylbenzene	Ave	3.403	3.741		27.5	25.0	9.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2832	0.3232		28.5	25.0	14.1	50.0
1,2,3-Trichloropropane	Ave	0.2177	0.2196		25.2	25.0	0.9	20.0
2-Chlorotoluene	Ave	0.7071	0.7684		27.2	25.0	8.7	20.0
1,3,5-Trimethylbenzene	Ave	2.360	2.632		27.9	25.0	11.5	20.0
4-Chlorotoluene	Ave	0.7444	0.7937		26.7	25.0	6.6	20.0
tert-Butylbenzene	Ave	0.4719	0.5284		28.0	25.0	12.0	20.0
1,2,4-Trimethylbenzene	Ave	2.413	2.637		27.3	25.0	9.3	20.0
sec-Butylbenzene	Ave	2.964	3.385		28.5	25.0	14.2	20.0
4-Isopropyltoluene	Ave	2.535	2.891		28.5	25.0	14.1	20.0
1,3-Dichlorobenzene	Ave	1.510	1.591	0.6000	26.4	25.0	5.4	20.0
1,4-Dichlorobenzene	Ave	1.537	1.599	0.5000	26.0	25.0	4.0	20.0
n-Butylbenzene	Ave	2.315	2.712		29.3	25.0	17.1	20.0
1,2-Dichlorobenzene	Ave	1.473	1.538	0.4000	26.1	25.0	4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525323/3 Calibration Date: 04/10/2020 11:16

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1315	0.0500	26.3	25.0	5.2	50.0
1,2,4-Trichlorobenzene	Ave	1.001	1.106	0.2000	27.6	25.0	10.5	20.0
Hexachlorobutadiene	Lin1		0.5505		26.7	25.0	6.7	20.0
Naphthalene	Ave	2.395	2.548		26.6	25.0	6.4	20.0
1,2,3-Trichlorobenzene	Ave	0.9596	1.036		27.0	25.0	7.9	20.0
Dibromofluoromethane (Surr)	Ave	1.521	1.560		25.6	25.0	2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8342	0.8755		26.2	25.0	4.9	20.0
Toluene-d8 (Surr)	Ave	2.315	2.254		24.3	25.0	-2.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7829	0.7816		25.0	25.0	-0.2	20.0

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30260.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Apr-2020 11:16:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0089479-003
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Apr-2020 12:29:23 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 10-Apr-2020 12:29:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.531	5.531	0.000	98	125070	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	281421	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	285013	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.044	5.044	0.000	93	195155	25.0	25.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.312	5.312	0.000	96	109501	25.0	26.2	
$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	95	634353	25.0	24.3	
$ 6 4-Bromofluorobenzene (Surr	174	8.878	8.878	0.000	92	219969	25.0	25.0	
10 Dichlorodifluoromethane	85	1.514	1.514	0.000	99	198464	25.0	28.8	
12 Chloromethane	50	1.733	1.733	0.000	99	244411	25.0	27.2	
144 Butadiene	54	1.849	1.849	0.000	94	183899	25.0	30.3	
13 Vinyl chloride	62	1.849	1.849	0.000	67	175526	25.0	27.3	
14 Bromomethane	94	2.221	2.221	0.000	92	120902	25.0	27.9	
15 Chloroethane	64	2.300	2.300	0.000	95	86646	25.0	26.8	
16 Dichlorofluoromethane	67	2.556	2.556	0.000	97	245980	25.0	28.7	
17 Trichlorofluoromethane	101	2.569	2.569	0.000	98	255979	25.0	32.8	
18 Ethyl ether	59	2.831	2.831	0.000	94	166495	25.0	26.8	
20 Acrolein	56	3.026	3.026	0.000	99	87080	125.0	210.6	
21 1,1,2-Trichloro-1,2,2-trif	101	3.056	3.056	0.000	94	185265	25.0	29.0	
22 1,1-Dichloroethene	96	3.081	3.081	0.000	93	157693	25.0	27.4	
23 Acetone	43	3.178	3.178	0.000	98	250614	125.0	120.9	
25 Iodomethane	142	3.251	3.251	0.000	99	344136	25.0	27.1	
26 Carbon disulfide	76	3.300	3.300	0.000	99	519323	25.0	27.4	
28 3-Chloro-1-propene	41	3.422	3.422	0.000	89	403442	25.0	27.7	
27 Methyl acetate	43	3.459	3.459	0.000	99	338226	50.0	52.8	
30 Methylene Chloride	84	3.593	3.593	0.000	92	178397	25.0	25.3	
31 2-Methyl-2-propanol	59	3.709	3.709	0.000	98	123022	250.0	207.6	
32 Methyl tert-butyl ether	73	3.751	3.751	0.000	98	446218	25.0	26.7	
34 trans-1,2-Dichloroethene	96	3.776	3.776	0.000	92	174662	25.0	26.7	
33 Acrylonitrile	53	3.831	3.831	0.000	97	770130	250.0	258.7	
35 Hexane	57	3.940	3.940	0.000	96	354904	25.0	29.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.160	4.160	0.000	97	362729	25.0	26.9	
37 Vinyl acetate	43	4.190	4.190	0.000	96	987454	50.0	54.3	
44 2,2-Dichloropropane	77	4.617	4.617	0.000	93	168969	25.0	27.9	
45 cis-1,2-Dichloroethene	96	4.647	4.647	0.000	90	194275	25.0	26.6	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	97	466742	125.0	120.8	
48 Chlorobromomethane	128	4.855	4.855	0.000	91	107983	25.0	26.2	
49 Tetrahydrofuran	42	4.867	4.867	0.000	94	134084	50.0	48.7	
50 Chloroform	83	4.910	4.910	0.000	95	338093	25.0	25.6	
51 1,1,1-Trichloroethane	97	5.013	5.013	0.000	97	281852	25.0	29.2	
52 Cyclohexane	56	5.019	5.019	0.000	95	409634	25.0	28.1	
55 Carbon tetrachloride	117	5.129	5.129	0.000	97	264686	25.0	31.5	
54 1,1-Dichloropropene	75	5.135	5.135	0.000	94	247558	25.0	28.2	
53 Isobutyl alcohol	43	5.288	5.288	0.000	94	152281	625.0	474.8	
57 Benzene	78	5.312	5.312	0.000	97	640606	25.0	25.5	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	285787	25.0	25.7	
59 n-Heptane	43	5.428	5.428	0.000	97	443852	25.0	29.9	
62 Trichloroethene	95	5.812	5.812	0.000	96	196814	25.0	27.4	
64 Methylcyclohexane	83	5.909	5.909	0.000	96	300965	25.0	27.8	
65 1,2-Dichloropropane	63	6.013	6.013	0.000	92	206905	25.0	26.1	
66 1,4-Dioxane	88	6.117	6.117	0.000	92	11228	500.0	336.0	
67 Dibromomethane	93	6.129	6.129	0.000	97	123530	25.0	26.4	
68 Dichlorobromomethane	83	6.239	6.239	0.000	97	258264	25.0	27.5	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	90	128960	25.0	26.8	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	90	287503	25.0	26.4	
73 4-Methyl-2-pentanone (MIBK	43	6.659	6.659	0.000	98	1140292	125.0	131.0	
74 Toluene	92	6.799	6.799	0.000	97	441291	25.0	25.6	
77 trans-1,3-Dichloropropene	75	7.007	7.007	0.000	96	274598	25.0	26.5	
75 Ethyl methacrylate	69	7.007	7.007	0.000	94	201449	25.0	26.5	
79 1,1,2-Trichloroethane	83	7.165	7.165	0.000	93	136350	25.0	24.8	
81 Tetrachloroethene	166	7.220	7.220	0.000	95	208383	25.0	27.0	
82 1,3-Dichloropropane	76	7.293	7.293	0.000	98	258237	25.0	25.4	
80 2-Hexanone	43	7.318	7.318	0.000	99	806082	125.0	133.8	
83 Chlorodibromomethane	129	7.488	7.488	0.000	91	221598	25.0	27.4	
84 Ethylene Dibromide	107	7.580	7.580	0.000	98	185610	25.0	25.7	
87 Chlorobenzene	112	7.939	7.939	0.000	95	525305	25.0	25.1	
88 Ethylbenzene	91	7.988	7.988	0.000	98	862167	25.0	26.3	
89 1,1,1,2-Tetrachloroethane	131	8.007	8.007	0.000	95	201453	25.0	27.6	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	334466	25.0	26.6	
91 o-Xylene	106	8.415	8.415	0.000	98	324719	25.0	26.5	
92 Styrene	104	8.439	8.439	0.000	94	563673	25.0	27.1	
95 Bromoform	173	8.659	8.659	0.000	97	145937	25.0	29.1	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	875933	25.0	27.5	
101 Bromobenzene	156	9.012	9.012	0.000	93	248123	25.0	25.6	
97 1,1,2,2-Tetrachloroethane	83	9.019	9.019	0.000	93	219057	25.0	24.6	
99 N-Propylbenzene	91	9.043	9.043	0.000	99	1066109	25.0	27.5	
98 trans-1,4-Dichloro-2-buten	53	9.055	9.055	0.000	79	92125	25.0	28.5	
100 1,2,3-Trichloropropane	110	9.061	9.061	0.000	88	62592	25.0	25.2	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	219012	25.0	27.2	
102 1,3,5-Trimethylbenzene	105	9.177	9.177	0.000	94	750064	25.0	27.9	
105 4-Chlorotoluene	126	9.244	9.244	0.000	98	226207	25.0	26.7	
106 tert-Butylbenzene	134	9.457	9.457	0.000	94	150613	25.0	28.0	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	751719	25.0	27.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.640	9.640	0.000	95	964658	25.0	28.5	
110 4-Isopropyltoluene	119	9.750	9.750	0.000	97	824093	25.0	28.5	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	98	453551	25.0	26.4	
113 1,4-Dichlorobenzene	146	9.866	9.866	0.000	95	455732	25.0	26.0	
115 n-Butylbenzene	91	10.104	10.104	0.000	98	772859	25.0	29.3	
116 1,2-Dichlorobenzene	146	10.195	10.195	0.000	98	438364	25.0	26.1	
117 1,2-Dibromo-3-Chloropropan	75	10.878	10.878	0.000	85	37484	25.0	26.3	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	95	315144	25.0	27.6	
120 Hexachlorobutadiene	225	11.603	11.603	0.000	98	156886	25.0	26.7	
121 Naphthalene	128	11.731	11.731	0.000	97	726112	25.0	26.6	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	96	295229	25.0	27.0	

Reagents:

8260 CORP mix_00183	Amount Added: 12.50	Units: uL	
GAS CORP mix_00393	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

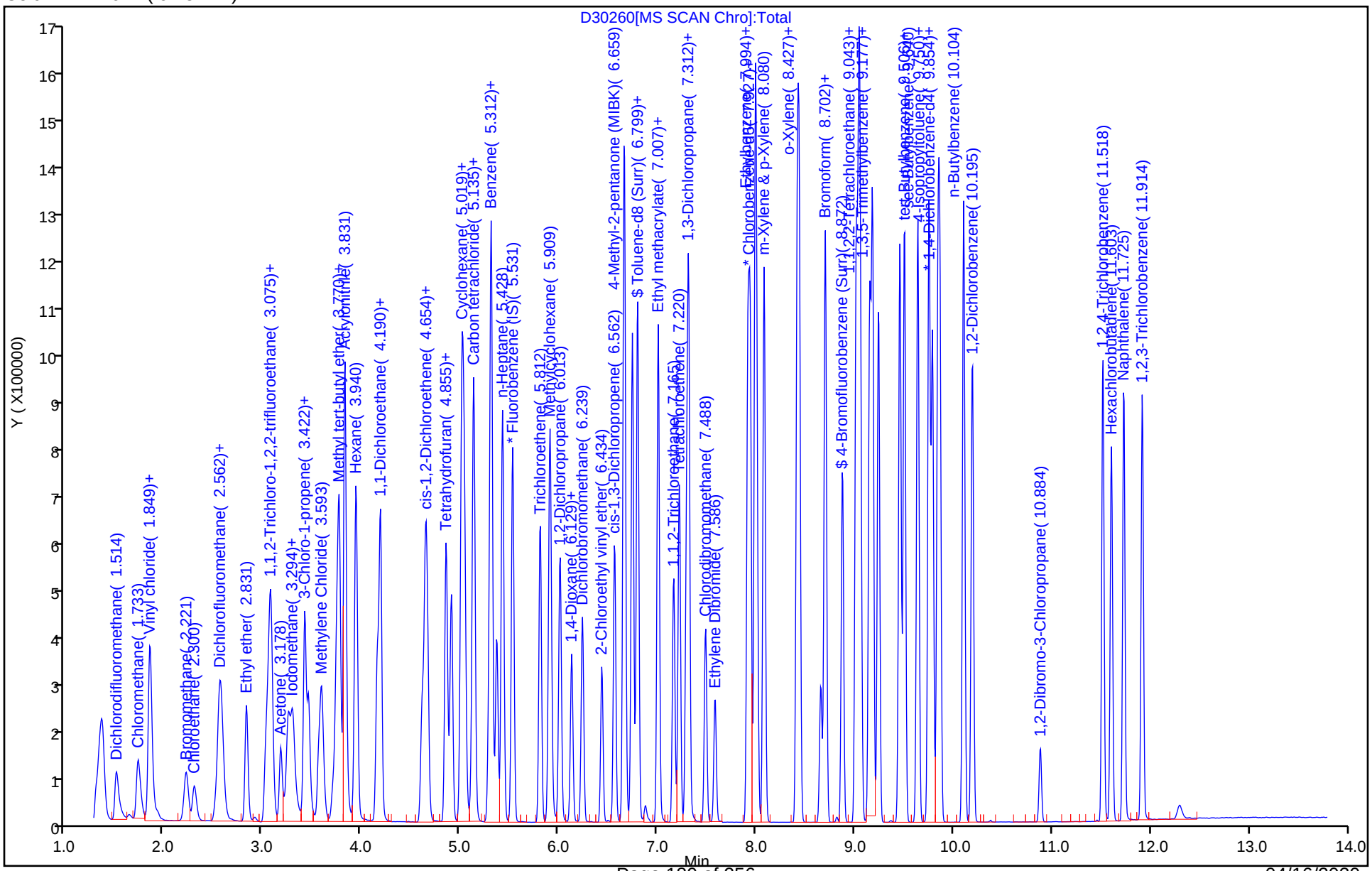
Report Date: 10-Apr-2020 12:29:23 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30260.D

Injection Date:	10-Apr-2020 11:16:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525580/4 Calibration Date: 04/13/2020 11:45

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30327.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.681	0.1000	30.5	25.0	22.0	50.0
Chloromethane	Ave	1.798	2.081	0.1000	28.9	25.0	15.7	20.0
Butadiene	Ave	1.212	1.592		32.8	25.0	31.4*	20.0
Vinyl chloride	Lin1		1.440	0.1000	28.0	25.0	12.1	20.0
Bromomethane	Ave	0.8672	0.9536	0.1000	27.5	25.0	10.0	50.0
Chloroethane	Ave	0.6471	0.7315	0.1000	28.3	25.0	13.0	50.0
Dichlorofluoromethane	Ave	1.711	1.988		29.1	25.0	16.2	20.0
Trichlorofluoromethane	Ave	1.559	2.073	0.1000	33.2	25.0	33.0*	20.0
Ethyl ether	Ave	1.242	1.301		26.2	25.0	4.7	20.0
Acrolein	Ave	0.0826	0.1874		283	125	126.7*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.412	0.1000	27.7	25.0	10.6	20.0
1,1-Dichloroethene	Ave	1.149	1.226	0.1000	26.7	25.0	6.7	20.0
Acetone	Ave	0.4142	0.5107	0.1000	154	125	23.3	50.0
Iodomethane	Ave	2.539	2.583		25.4	25.0	1.7	20.0
Carbon disulfide	Ave	3.789	3.895	0.1000	25.7	25.0	2.8	20.0
Allyl chloride	Ave	2.906	3.147		27.1	25.0	8.3	20.0
Methyl acetate	Ave	1.281	1.410	0.1000	55.0	50.0	10.0	50.0
Methylene Chloride	Lin1		1.384	0.1000	24.6	25.0	-1.7	20.0
2-Methyl-2-propanol	Ave	0.1184	0.1649		348	250	39.2	50.0
Methyl tert-butyl ether	Ave	3.340	3.489	0.1000	26.1	25.0	4.4	20.0
trans-1,2-Dichloroethene	Ave	1.309	1.362	0.1000	26.0	25.0	4.1	20.0
Acrylonitrile	Ave	0.5951	0.6647		279	250	11.7	20.0
Hexane	Lin1		2.773		28.8	25.0	15.1	20.0
1,1-Dichloroethane	Ave	2.691	2.827	0.2000	26.3	25.0	5.1	20.0
Vinyl acetate	Ave	3.635	4.104		56.5	50.0	12.9	20.0
2,2-Dichloropropane	Ave	1.210	1.318		27.2	25.0	8.9	20.0
cis-1,2-Dichloroethene	Ave	1.461	1.488	0.1000	25.4	25.0	1.8	20.0
2-Butanone (MEK)	Ave	0.7726	0.8668	0.1000	140	125	12.2	20.0
Chlorobromomethane	Ave	0.8232	0.8439		25.6	25.0	2.5	20.0
Tetrahydrofuran	Ave	0.5507	0.5916		53.7	50.0	7.4	20.0
Chloroform	Ave	2.637	2.624	0.2000	24.9	25.0	-0.5	20.0
1,1,1-Trichloroethane	Ave	1.930	2.144	0.1000	27.8	25.0	11.0	20.0
Cyclohexane	Lin1		3.152	0.1000	27.0	25.0	8.1	20.0
Carbon tetrachloride	Lin1		2.164	0.1000	32.2	25.0	28.9*	20.0
1,1-Dichloropropene	Ave	1.753	1.913		27.3	25.0	9.1	20.0
Isobutyl alcohol	Ave	0.0641	0.0828		807	625	29.1	50.0
Benzene	Ave	5.026	5.035	0.5000	25.0	25.0	0.2	20.0
1,2-Dichloroethane	Ave	2.219	2.285	0.1000	25.7	25.0	3.0	20.0
n-Heptane	Lin1		3.417		28.8	25.0	15.1	20.0
Trichloroethene	Ave	1.435	1.506	0.2000	26.2	25.0	5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525580/4 Calibration Date: 04/13/2020 11:45

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30327.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
Methylcyclohexane	Lin1		2.327	0.1000	26.9	25.0	7.5	20.0
1,2-Dichloropropane	Ave	1.584	1.581	0.1000	25.0	25.0	-0.2	20.0
1,4-Dioxane	Ave	0.0030	0.0040		672	500	34.4	50.0
Dibromomethane	Ave	0.9339	0.9552	0.1000	25.6	25.0	2.3	20.0
Bromodichloromethane	Ave	1.879	2.000	0.2000	26.6	25.0	6.4	20.0
2-Chloroethyl vinyl ether	Ave	0.9605	0.9799		25.5	25.0	2.0	20.0
cis-1,3-Dichloropropene	Ave	2.177	2.234	0.2000	25.7	25.0	2.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7734	0.8384	0.1000	136	125	8.4	20.0
Toluene	Ave	1.533	1.542	0.4000	25.1	25.0	0.6	20.0
Ethyl methacrylate	Ave	0.6751	0.7044		26.1	25.0	4.4	20.0
trans-1,3-Dichloropropene	Ave	0.9210	0.9630	0.1000	26.1	25.0	4.6	20.0
1,1,2-Trichloroethane	Ave	0.4875	0.4789	0.1000	24.6	25.0	-1.8	20.0
Tetrachloroethene	Ave	0.6847	0.7280	0.2000	26.6	25.0	6.3	20.0
1,3-Dichloropropane	Ave	0.9045	0.8852		24.5	25.0	-2.1	20.0
2-Hexanone	Ave	0.5354	0.5758	0.1000	134	125	7.6	20.0
Dibromochloromethane	Ave	0.7196	0.7658	0.1000	26.6	25.0	6.4	20.0
1,2-Dibromoethane	Ave	0.6424	0.6498		25.3	25.0	1.1	20.0
Chlorobenzene	Ave	1.859	1.807	0.5000	24.3	25.0	-2.8	20.0
Ethylbenzene	Ave	2.914	2.921	0.1000	25.1	25.0	0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6487	0.6975		26.9	25.0	7.5	20.0
m,p-Xylene	Ave	1.119	1.124	0.1000	25.1	25.0	0.5	20.0
o-Xylene	Ave	1.089	1.109	0.3000	25.5	25.0	1.8	20.0
Styrene	Ave	1.850	1.908	0.3000	25.8	25.0	3.1	20.0
Bromoform	Ave	0.4457	0.4772	0.1000	26.8	25.0	7.1	50.0
Isopropylbenzene	Ave	2.789	2.984	0.1000	26.7	25.0	7.0	20.0
Bromobenzene	Ave	0.8517	0.8403		24.7	25.0	-1.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7820	0.7614	0.3000	24.3	25.0	-2.6	20.0
N-Propylbenzene	Ave	3.403	3.608		26.5	25.0	6.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2832	0.2888		25.5	25.0	2.0	50.0
1,2,3-Trichloropropane	Ave	0.2177	0.2129		24.5	25.0	-2.2	20.0
2-Chlorotoluene	Ave	0.7071	0.7455		26.4	25.0	5.4	20.0
1,3,5-Trimethylbenzene	Ave	2.360	2.572		27.2	25.0	9.0	20.0
4-Chlorotoluene	Ave	0.7444	0.7717		25.9	25.0	3.7	20.0
tert-Butylbenzene	Ave	0.4719	0.5162		27.3	25.0	9.4	20.0
1,2,4-Trimethylbenzene	Ave	2.413	2.613		27.1	25.0	8.3	20.0
sec-Butylbenzene	Ave	2.964	3.307		27.9	25.0	11.6	20.0
4-Isopropyltoluene	Ave	2.535	2.856		28.2	25.0	12.7	20.0
1,3-Dichlorobenzene	Ave	1.510	1.518	0.6000	25.1	25.0	0.6	20.0
1,4-Dichlorobenzene	Ave	1.537	1.556	0.5000	25.3	25.0	1.2	20.0
n-Butylbenzene	Ave	2.315	2.638		28.5	25.0	13.9	20.0
1,2-Dichlorobenzene	Ave	1.473	1.503	0.4000	25.5	25.0	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525580/4 Calibration Date: 04/13/2020 11:45

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30327.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1393	0.0500	27.9	25.0	11.5	50.0
1,2,4-Trichlorobenzene	Ave	1.001	1.105	0.2000	27.6	25.0	10.5	20.0
Hexachlorobutadiene	Lin1		0.5447		26.4	25.0	5.6	20.0
Naphthalene	Ave	2.395	2.563		26.8	25.0	7.0	20.0
1,2,3-Trichlorobenzene	Ave	0.9596	1.055		27.5	25.0	10.0	20.0
Dibromofluoromethane (Surr)	Ave	1.521	1.561		25.7	25.0	2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8342	0.8814		26.4	25.0	5.6	20.0
Toluene-d8 (Surr)	Ave	2.315	2.305		24.9	25.0	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7829	0.7753		24.8	25.0	-1.0	20.0

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30327.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 13-Apr-2020 11:45:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0089516-004
Operator ID: LH Instrument ID: HP5975D
Sublist: chrom-D-8260*sub13

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 12:19:03 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 12:19:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.544	5.544	0.000	98	124381	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.927	7.927	0.000	89	270691	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.854	9.854	0.000	96	267243	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.056	5.056	0.000	93	194138	25.0	25.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.324	5.324	0.000	97	109623	25.0	26.4	
$ 5 Toluene-d8 (Surr)	98	6.757	6.757	0.000	95	624000	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	8.891	8.891	0.000	92	209855	25.0	24.8	
10 Dichlorodifluoromethane	85	1.526	1.526	0.000	99	209101	25.0	30.5	
12 Chloromethane	50	1.746	1.746	0.000	99	258881	25.0	28.9	
13 Vinyl chloride	62	1.867	1.867	0.000	56	179068	25.0	28.0	
144 Butadiene	54	1.867	1.867	0.000	94	197998	25.0	32.8	
14 Bromomethane	94	2.227	2.227	0.000	91	118613	25.0	27.5	
15 Chloroethane	64	2.331	2.331	0.000	95	90986	25.0	28.3	
16 Dichlorofluoromethane	67	2.569	2.569	0.000	97	247294	25.0	29.1	
17 Trichlorofluoromethane	101	2.575	2.575	0.000	98	257782	25.0	33.2	
18 Ethyl ether	59	2.843	2.843	0.000	94	161793	25.0	26.2	
20 Acrolein	56	3.038	3.038	0.000	98	116524	125.0	283.4	
21 1,1,2-Trichloro-1,2,2-trif	101	3.081	3.081	0.000	94	175590	25.0	27.7	
22 1,1-Dichloroethene	96	3.099	3.099	0.000	93	152508	25.0	26.7	
23 Acetone	43	3.190	3.190	0.000	98	317617	125.0	154.1	
25 Iodomethane	142	3.282	3.282	0.000	99	321215	25.0	25.4	
26 Carbon disulfide	76	3.306	3.306	0.000	99	484522	25.0	25.7	
28 3-Chloro-1-propene	41	3.434	3.434	0.000	88	391403	25.0	27.1	
27 Methyl acetate	43	3.471	3.471	0.000	99	350738	50.0	55.0	
30 Methylene Chloride	84	3.617	3.617	0.000	92	172170	25.0	24.6	
31 2-Methyl-2-propanol	59	3.721	3.721	0.000	97	205122	250.0	348.1	
32 Methyl tert-butyl ether	73	3.763	3.763	0.000	98	433912	25.0	26.1	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	92	169429	25.0	26.0	
33 Acrylonitrile	53	3.843	3.843	0.000	97	826754	250.0	279.2	
35 Hexane	57	3.952	3.952	0.000	96	344858	25.0	28.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.172	4.172	0.000	97	351655	25.0	26.3	
37 Vinyl acetate	43	4.202	4.202	0.000	96	1021016	50.0	56.5	
44 2,2-Dichloropropane	77	4.629	4.629	0.000	93	163879	25.0	27.2	
45 cis-1,2-Dichloroethene	96	4.660	4.660	0.000	88	185017	25.0	25.4	
43 2-Butanone (MEK)	43	4.684	4.684	0.000	96	539088	125.0	140.2	
48 Chlorobromomethane	128	4.867	4.867	0.000	90	104961	25.0	25.6	
49 Tetrahydrofuran	42	4.879	4.879	0.000	93	147163	50.0	53.7	
50 Chloroform	83	4.922	4.922	0.000	96	326416	25.0	24.9	
51 1,1,1-Trichloroethane	97	5.025	5.025	0.000	98	266624	25.0	27.8	
52 Cyclohexane	56	5.038	5.038	0.000	95	392104	25.0	27.0	
55 Carbon tetrachloride	117	5.141	5.141	0.000	98	269155	25.0	32.2	
54 1,1-Dichloropropene	75	5.153	5.153	0.000	91	237960	25.0	27.3	
53 Isobutyl alcohol	43	5.306	5.306	0.000	94	257443	625.0	807.1	
57 Benzene	78	5.330	5.330	0.000	96	626224	25.0	25.0	
58 1,2-Dichloroethane	62	5.385	5.385	0.000	96	284157	25.0	25.7	
59 n-Heptane	43	5.440	5.440	0.000	96	425027	25.0	28.8	
62 Trichloroethene	95	5.824	5.824	0.000	96	187331	25.0	26.2	
64 Methylcyclohexane	83	5.922	5.922	0.000	96	289427	25.0	26.9	
65 1,2-Dichloropropane	63	6.025	6.025	0.000	92	196589	25.0	25.0	
66 1,4-Dioxane	88	6.129	6.129	0.000	93	21596	500.0	671.9	
67 Dibromomethane	93	6.141	6.141	0.000	97	118809	25.0	25.6	
68 Dichlorobromomethane	83	6.251	6.251	0.000	97	248775	25.0	26.6	
69 2-Chloroethyl vinyl ether	63	6.446	6.446	0.000	89	121882	25.0	25.5	
72 cis-1,3-Dichloropropene	75	6.580	6.580	0.000	90	277907	25.0	25.7	
73 4-Methyl-2-pentanone (MIBK	43	6.671	6.671	0.000	98	1134783	125.0	135.5	
74 Toluene	92	6.812	6.812	0.000	97	417341	25.0	25.1	
77 trans-1,3-Dichloropropene	75	7.019	7.019	0.000	96	260668	25.0	26.1	
75 Ethyl methacrylate	69	7.019	7.019	0.000	96	190685	25.0	26.1	
79 1,1,2-Trichloroethane	83	7.177	7.177	0.000	94	129622	25.0	24.6	
81 Tetrachloroethene	166	7.232	7.232	0.000	95	197061	25.0	26.6	
82 1,3-Dichloropropane	76	7.305	7.305	0.000	98	239621	25.0	24.5	
80 2-Hexanone	43	7.324	7.324	0.000	97	779278	125.0	134.4	
83 Chlorodibromomethane	129	7.501	7.501	0.000	91	207298	25.0	26.6	
84 Ethylene Dibromide	107	7.598	7.598	0.000	98	175890	25.0	25.3	
87 Chlorobenzene	112	7.952	7.952	0.000	94	489158	25.0	24.3	
88 Ethylbenzene	91	8.000	8.000	0.000	98	790576	25.0	25.1	
89 1,1,1,2-Tetrachloroethane	131	8.019	8.019	0.000	95	188814	25.0	26.9	
90 m-Xylene & p-Xylene	106	8.092	8.092	0.000	99	304223	25.0	25.1	
91 o-Xylene	106	8.427	8.427	0.000	98	300278	25.0	25.5	
92 Styrene	104	8.452	8.452	0.000	95	516396	25.0	25.8	
95 Bromoform	173	8.671	8.671	0.000	96	129162	25.0	26.8	
94 Isopropylbenzene	105	8.714	8.714	0.000	96	797534	25.0	26.7	
101 Bromobenzene	156	9.025	9.025	0.000	94	224557	25.0	24.7	
97 1,1,2,2-Tetrachloroethane	83	9.031	9.031	0.000	93	203488	25.0	24.3	
99 N-Propylbenzene	91	9.055	9.055	0.000	99	964235	25.0	26.5	
98 trans-1,4-Dichloro-2-buten	53	9.067	9.067	0.000	78	77187	25.0	25.5	
100 1,2,3-Trichloropropane	110	9.073	9.073	0.000	90	56906	25.0	24.5	
103 2-Chlorotoluene	126	9.165	9.165	0.000	97	199234	25.0	26.4	
102 1,3,5-Trimethylbenzene	105	9.189	9.189	0.000	93	687328	25.0	27.2	
105 4-Chlorotoluene	126	9.256	9.256	0.000	98	206222	25.0	25.9	
106 tert-Butylbenzene	134	9.470	9.470	0.000	94	137941	25.0	27.3	
107 1,2,4-Trimethylbenzene	105	9.512	9.512	0.000	98	698332	25.0	27.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.653	9.653	0.000	95	883701	25.0	27.9	
110 4-Isopropyltoluene	119	9.762	9.762	0.000	97	763334	25.0	28.2	
111 1,3-Dichlorobenzene	146	9.799	9.799	0.000	99	405694	25.0	25.1	
113 1,4-Dichlorobenzene	146	9.878	9.878	0.000	97	415747	25.0	25.3	
115 n-Butylbenzene	91	10.116	10.116	0.000	99	704918	25.0	28.5	
116 1,2-Dichlorobenzene	146	10.201	10.201	0.000	98	401740	25.0	25.5	
117 1,2-Dibromo-3-Chloropropan	75	10.890	10.890	0.000	85	37238	25.0	27.9	
119 1,2,4-Trichlorobenzene	180	11.524	11.524	0.000	95	295410	25.0	27.6	
120 Hexachlorobutadiene	225	11.616	11.616	0.000	98	145562	25.0	26.4	
121 Naphthalene	128	11.738	11.738	0.000	97	684901	25.0	26.8	
122 1,2,3-Trichlorobenzene	180	11.927	11.927	0.000	96	281988	25.0	27.5	

Reagents:

8260 CORP mix_00183	Amount Added: 12.50	Units: uL	
GAS CORP mix_00394	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

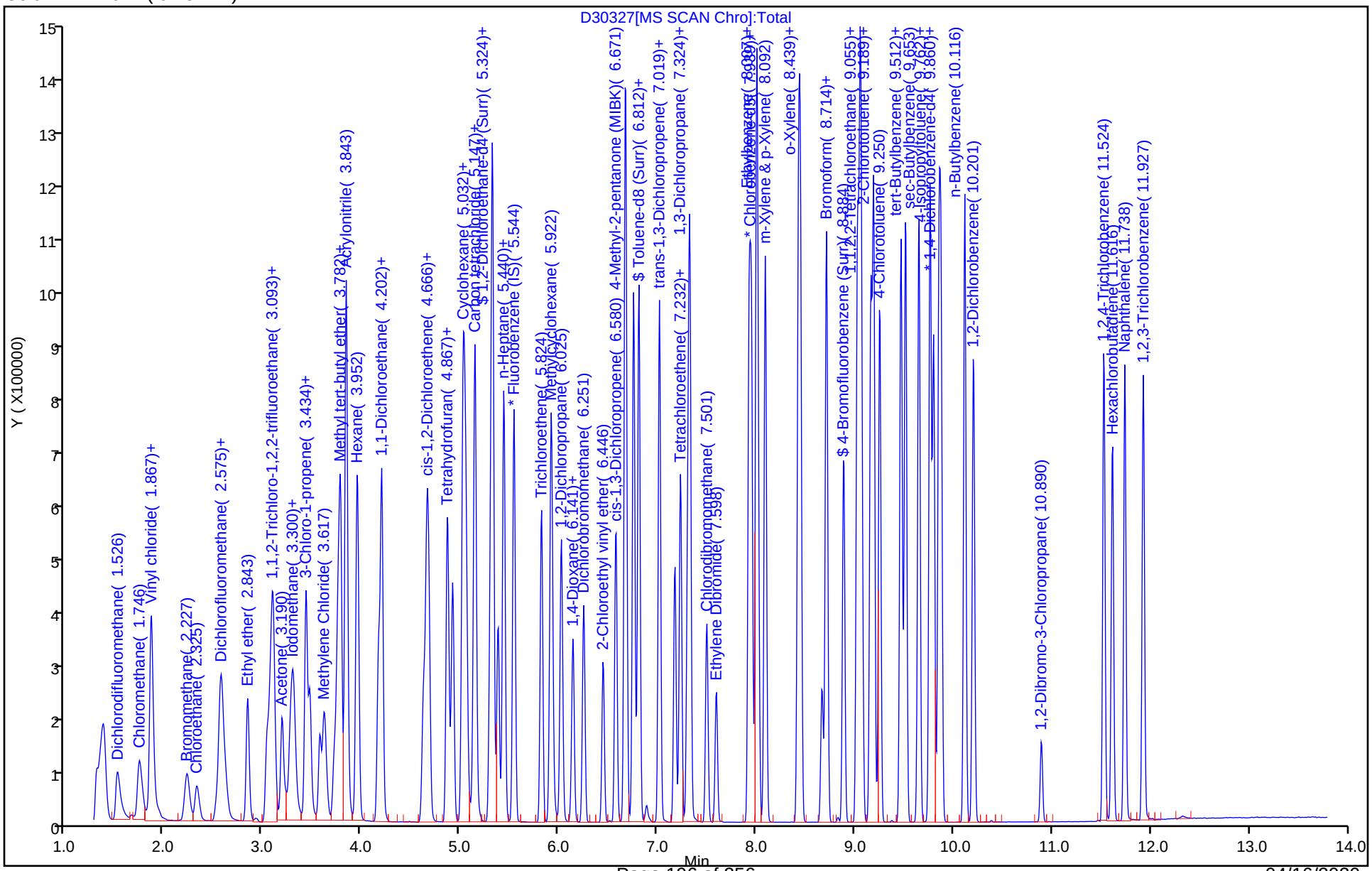
Report Date: 13-Apr-2020 12:19:03 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30327.D

Injection Date:	13-Apr-2020 11:45:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30098.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	07-Apr-2020 13:55:30	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0089373-007				
Operator ID:	LH	Instrument ID:	HP5975D		
Method:	\\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	08-Apr-2020 11:45:40	Calib Date:	07-Apr-2020 21:44:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTXT5				
First Level Reviewer: HillL		Date:	08-Apr-2020 11:24:01		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	4.714	4.714	0.000	0	99781	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

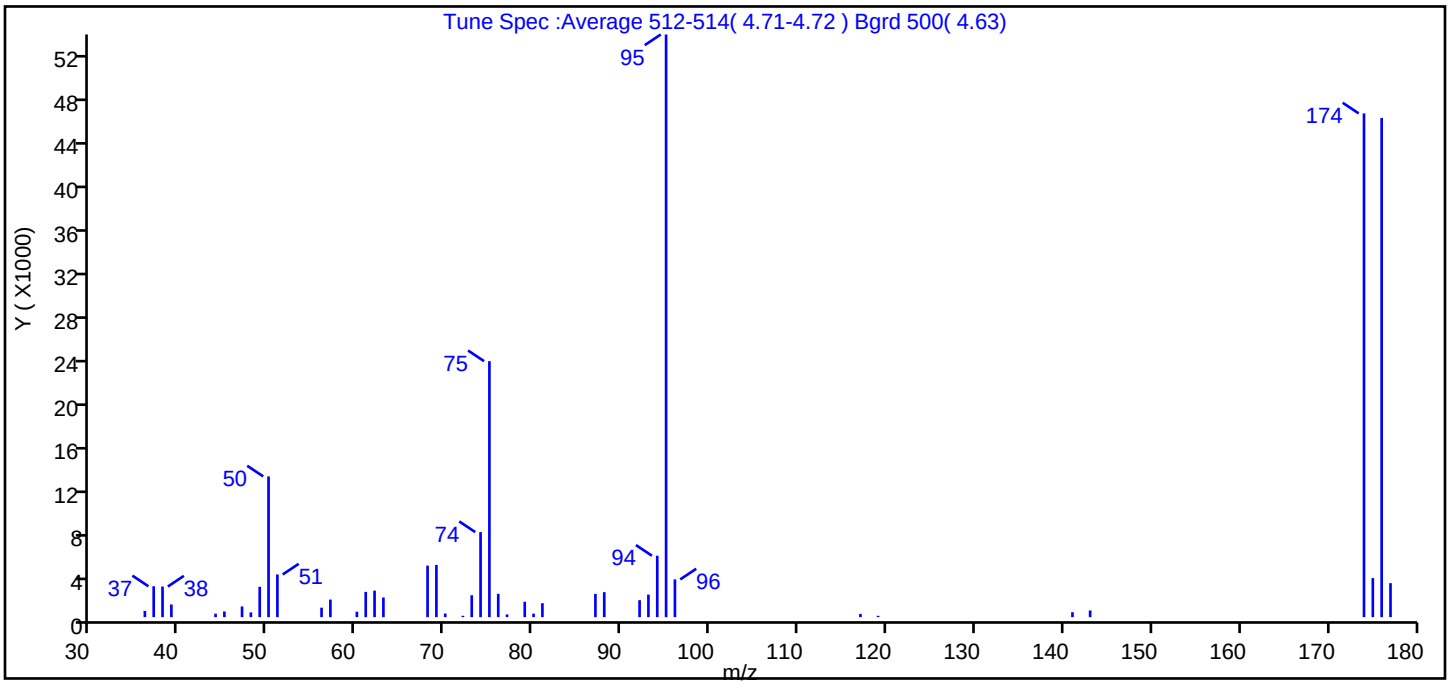
BFB_WRK_00102 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30098.D
Injection Date: 07-Apr-2020 13:55:30 Instrument ID: HP5975D
Lims ID: BFB
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.2
75	30 to 60% of m/z 95	43.9
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.5
175	5 to 9% of m/z 174	6.7 (7.7)
176	Greater than 95% but less than 101% of m/z 174	85.7 (99.1)
177	5 to 9% of m/z 176	5.8 (6.8)

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30098.D\D-8260.rslt\spectra.d
Injection Date: 07-Apr-2020 13:55:30
Spectrum: Tune Spec :Average 512-514(4.71-4.72) Bgrd 500(4.63)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 44

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	566	56.00	862	74.00	7744	94.00	5591
37.00	2811	57.00	1600	75.00	23304	95.00	53048
38.00	2787	60.00	495	76.00	2120	96.00	3436
39.00	1154	61.00	2299	77.00	248	117.00	294
44.00	315	62.00	2413	79.00	1402	119.00	121
45.00	517	63.00	1788	80.00	320	141.00	451
47.00	972	68.00	4693	81.00	1271	143.00	609
48.00	433	69.00	4755	87.00	2114	174.00	45864
49.00	2764	70.00	327	88.00	2275	175.00	3554
50.00	12813	72.00	124	92.00	1546	176.00	45448
51.00	3885	73.00	1993	93.00	2052	177.00	3096

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D30128.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	08-Apr-2020 13:07:30	ALS Bottle#:	37	Worklist Smp#:	4
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0089413-004				
Operator ID:	LH	Instrument ID:	HP5975D		
Method:	\\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	08-Apr-2020 13:23:03	Calib Date:	07-Apr-2020 21:44:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTXT5				
First Level Reviewer: HillL		Date:	08-Apr-2020 13:23:03		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	4.714	4.714	0.000	0	110387	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

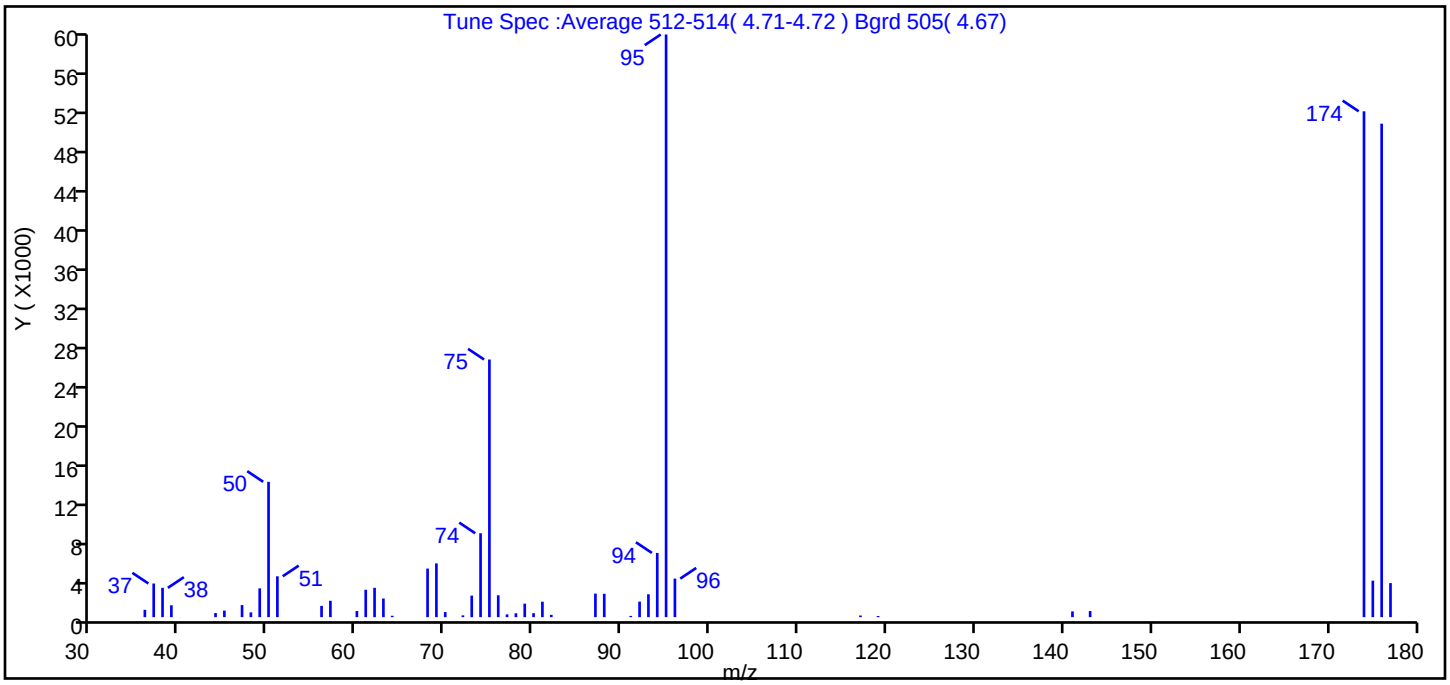
BFB_WRK_00102 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D30128.D
Injection Date: 08-Apr-2020 13:07:30 Instrument ID: HP5975D
Lims ID: BFB
Client ID:
Operator ID: LH ALS Bottle#: 37 Worklist Smp#: 4
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.2
75	30 to 60% of m/z 95	44.2
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.8
175	5 to 9% of m/z 174	6.3 (7.2)
176	Greater than 95% but less than 101% of m/z 174	84.7 (97.6)
177	5 to 9% of m/z 176	5.8 (6.9)

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200408-89413.b\D30128.D\D-8260.rslt\spectra.d
Injection Date: 08-Apr-2020 13:07:30
Spectrum: Tune Spec :Average 512-514(4.71-4.72) Bgrd 505(4.67)
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	753	57.00	1684	76.00	2248	95.00	59888
37.00	3458	60.00	627	77.00	282	96.00	3961
38.00	3012	61.00	2815	78.00	397	117.00	167
39.00	1221	62.00	3014	79.00	1387	119.00	118
40.00	6	63.00	1915	80.00	410	141.00	592
44.00	425	64.00	142	81.00	1586	143.00	628
45.00	674	68.00	4993	82.00	235	174.00	51992
47.00	1239	69.00	5527	87.00	2420	175.00	3750
48.00	490	70.00	522	88.00	2397	176.00	50720
49.00	2957	72.00	183	91.00	127	177.00	3500
50.00	13908	73.00	2213	92.00	1596		
51.00	4199	74.00	8621	93.00	2351		
56.00	1156	75.00	26480	94.00	6600		

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30259.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Apr-2020 10:55:30 ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0089479-002
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 12:19:09 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 10-Apr-2020 11:03:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	4.720	4.720	0.000	0	102277	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

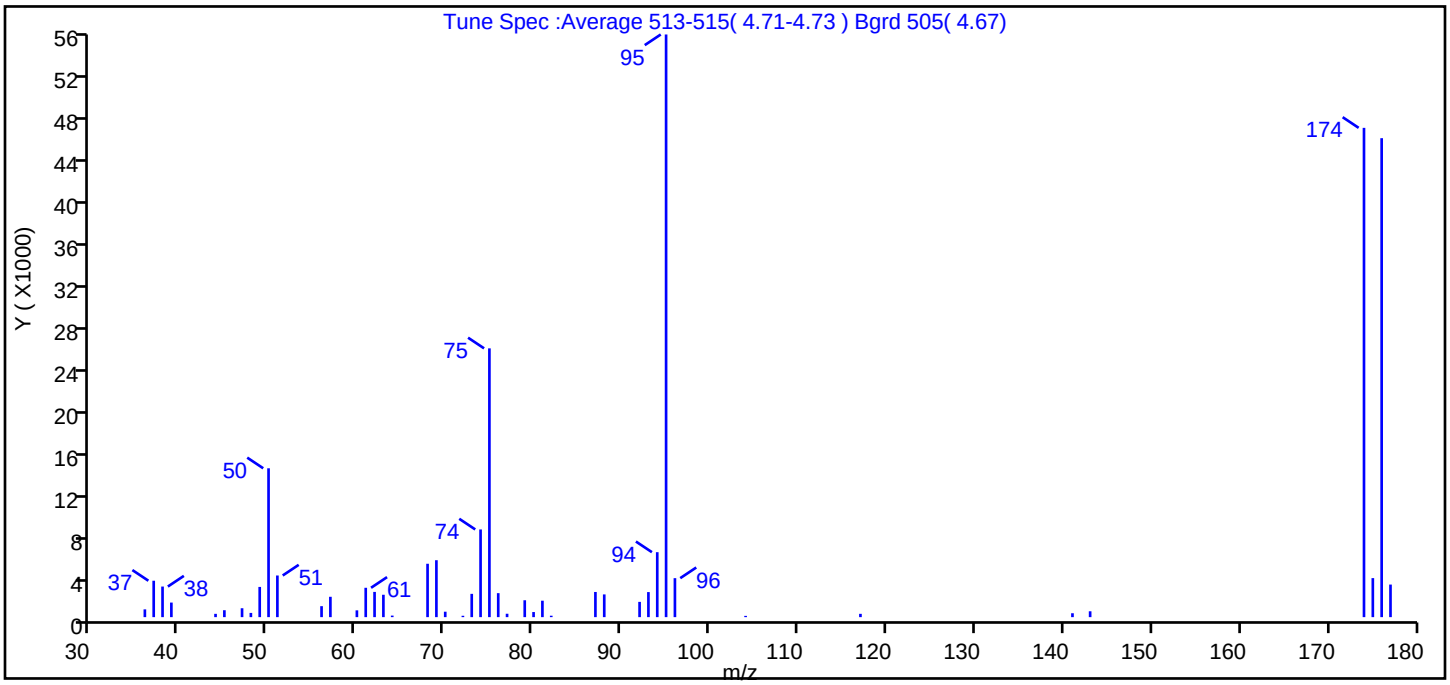
BFB_WRK_00102 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30259.D
Injection Date: 10-Apr-2020 10:55:30 Instrument ID: HP5975D
Lims ID: BFB
Client ID:
Operator ID: LH ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.5
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.0
175	5 to 9% of m/z 174	6.7 (8.0)
176	Greater than 95% but less than 101% of m/z 174	82.2 (97.9)
177	5 to 9% of m/z 176	5.6 (6.8)

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30259.D\D-8260.rslt\spectra.d
Injection Date: 10-Apr-2020 10:55:30
Spectrum: Tune Spec :Average 513-515(4.71-4.73) Bgrd 505(4.67)
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	742	57.00	1939	75.00	25608	95.00	55512
37.00	3469	60.00	648	76.00	2285	96.00	3714
38.00	2915	61.00	2797	77.00	324	104.00	121
39.00	1389	62.00	2404	79.00	1609	117.00	315
44.00	315	63.00	2133	80.00	486	141.00	372
45.00	660	64.00	148	81.00	1566	143.00	559
47.00	849	68.00	5086	82.00	136	174.00	46616
48.00	403	69.00	5424	87.00	2398	175.00	3718
49.00	2879	70.00	518	88.00	2166	176.00	45632
50.00	14182	72.00	130	92.00	1455	177.00	3104
51.00	3968	73.00	2219	93.00	2388		
56.00	1046	74.00	8355	94.00	6189		

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30326.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	13-Apr-2020 11:19:30	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0089516-003				
Operator ID:	LH	Instrument ID:	HP5975D		
Method:	\\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	13-Apr-2020 11:26:59	Calib Date:	07-Apr-2020 21:44:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTXT5				
First Level Reviewer: HillL		Date:	13-Apr-2020 11:26:59		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	4.726	4.726	0.000	0	87578	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

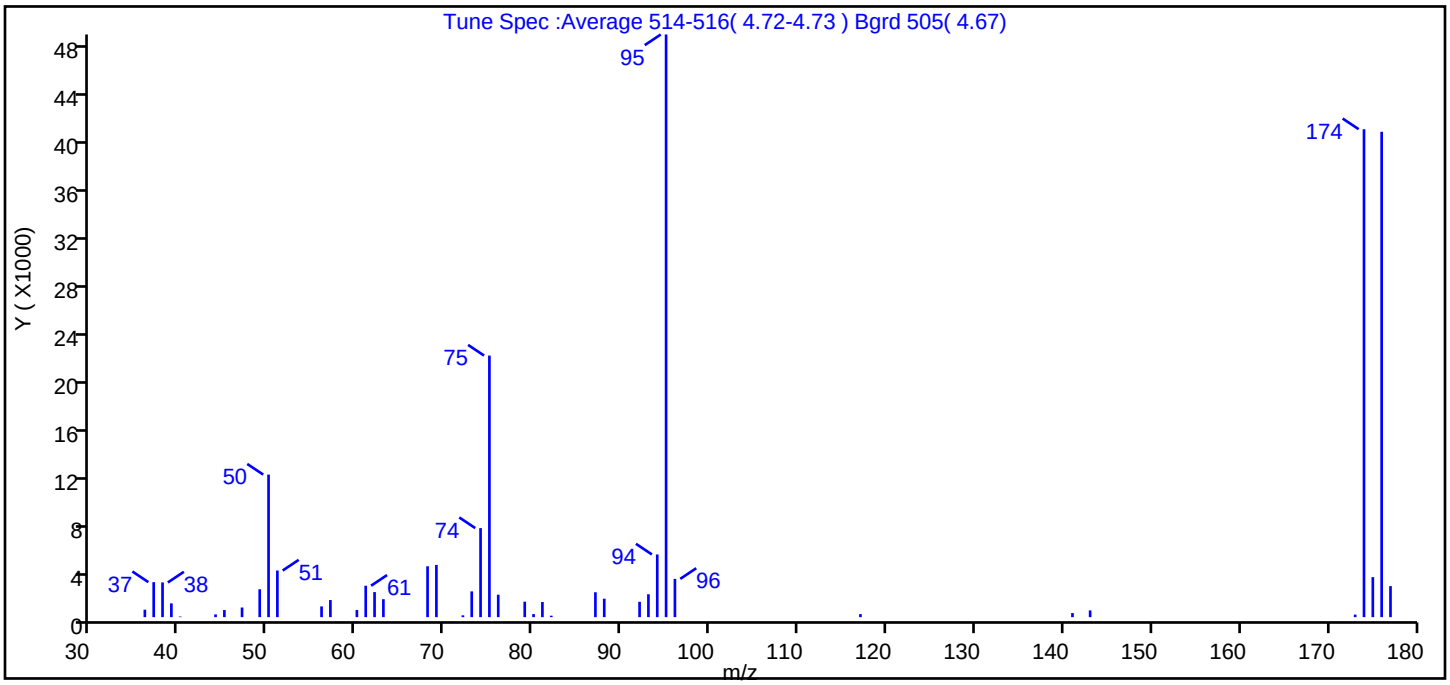
BFB_WRK_00102 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30326.D
Injection Date: 13-Apr-2020 11:19:30 Instrument ID: HP5975D
Lims ID: BFB
Client ID:
Operator ID: LH ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.5
75	30 to 60% of m/z 95	44.9
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	83.7
175	5 to 9% of m/z 174	6.9 (8.2)
176	Greater than 95% but less than 101% of m/z 174	83.3 (99.5)
177	5 to 9% of m/z 176	5.3 (6.4)

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30326.D\D-8260.rslt\spectra.d
Injection Date: 13-Apr-2020 11:19:30
Spectrum: Tune Spec :Average 514-516(4.72-4.73) Bgrd 505(4.67)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	620	56.00	893	75.00	21760	95.00	48472
37.00	2911	57.00	1423	76.00	1868	96.00	3183
38.00	2885	60.00	594	79.00	1288	117.00	253
39.00	1146	61.00	2613	80.00	256	141.00	340
40.00	49	62.00	2085	81.00	1258	143.00	559
44.00	229	63.00	1493	82.00	121	173.00	213
45.00	590	68.00	4232	87.00	2070	174.00	40592
47.00	802	69.00	4343	88.00	1535	175.00	3329
49.00	2319	72.00	151	92.00	1277	176.00	40376
50.00	11858	73.00	2143	93.00	1903	177.00	2583
51.00	3879	74.00	7408	94.00	5214		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-525323/8

Matrix: Water Lab File ID: D30265.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 13:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-525323/8

Matrix: Water Lab File ID: D30265.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 13:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30265.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Apr-2020 13:39:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0089479-008
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Apr-2020 13:54:44 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 10-Apr-2020 13:54:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.526	5.532	-0.006	98	128956	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	283354	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	96	288913	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.038	5.038	-0.006	93	200359	25.0	25.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.306	5.306	0.000	98	112192	25.0	26.1	
$ 5 Toluene-d8 (Surr)	98	6.739	6.745	-0.006	95	650417	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	91	221717	25.0	25.0	
10 Dichlorodifluoromethane	85		1.514					ND	
11 Chlorodifluoromethane	51		1.545					ND	
12 Chloromethane	50		1.733					ND	
144 Butadiene	54		1.849					ND	
13 Vinyl chloride	62		1.849					ND	
14 Bromomethane	94		2.221					ND	
15 Chloroethane	64		2.300					ND	
16 Dichlorofluoromethane	67		2.556					ND	
17 Trichlorofluoromethane	101		2.569					ND	
18 Ethyl ether	59		2.831					ND	
141 Ethanol	45		2.849					ND	U
19 Propene oxide	58		2.928					ND	
20 Acrolein	56		3.026					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.056					ND	
22 1,1-Dichloroethene	96		3.081					ND	
23 Acetone	43		3.178					ND	
25 Iodomethane	142		3.251					ND	
26 Carbon disulfide	76		3.300					ND	
24 Isopropyl alcohol	45		3.355					ND	
28 3-Chloro-1-propene	41		3.422					ND	
27 Methyl acetate	43		3.459					ND	
29 Acetonitrile	40		3.483					ND	
30 Methylene Chloride	84		3.593					ND	
31 2-Methyl-2-propanol	59		3.709					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.751					ND	
34 trans-1,2-Dichloroethene	96		3.776					ND	
33 Acrylonitrile	53		3.831					ND	
35 Hexane	57		3.940					ND	
36 Isopropyl ether	45		4.142					ND	
39 1,1-Dichloroethane	63		4.160					ND	
132 Halothane	117		4.172					ND	
37 Vinyl acetate	43		4.190					ND	
40 2-Chloro-1,3-butadiene	53		4.209					ND	
38 1,1-Dimethoxyethane	75		4.221					ND	
41 Tert-butyl ethyl ether	59		4.446					ND	
44 2,2-Dichloropropane	77		4.617					ND	
45 cis-1,2-Dichloroethene	96		4.647					ND	
43 2-Butanone (MEK)	43		4.666					ND	
42 Ethyl acetate	43		4.678					ND	
46 Propionitrile	54		4.763					ND	
48 Chlorobromomethane	128		4.855					ND	
47 Methacrylonitrile	41		4.855					ND	
49 Tetrahydrofuran	42		4.867					ND	
50 Chloroform	83		4.910					ND	
51 1,1,1-Trichloroethane	97		5.013					ND	
52 Cyclohexane	56		5.019					ND	
55 Carbon tetrachloride	117		5.129					ND	
54 1,1-Dichloropropene	75		5.135					ND	
53 Isobutyl alcohol	43		5.288					ND	
146 Isooctane	57		5.294					ND	
57 Benzene	78		5.312					ND	
140 t-Amyl alcohol	59		5.343					ND	
56 Tert-amyl methyl ether	73		5.349					ND	
58 1,2-Dichloroethane	62		5.367					ND	
59 n-Heptane	43		5.428					ND	
1 1,4-Difluorobenzene	114		5.611					ND	
154 2,4,4-Trimethyl-1-pentene	55		5.702					ND	
60 n-Butanol	56		5.794					ND	
62 Trichloroethene	95		5.812					ND	
145 Ethyl acrylate	55		5.879					ND	
153 2,4,4-Trimethyl-2-pentene	97		5.879					ND	
64 Methylcyclohexane	83		5.909					ND	
65 1,2-Dichloropropane	63		6.013					ND	
63 Methyl methacrylate	41		6.056					ND	
66 1,4-Dioxane	88		6.117					ND	
67 Dibromomethane	93		6.129					ND	
68 Dichlorobromomethane	83		6.239					ND	
69 2-Chloroethyl vinyl ether	63		6.434					ND	
70 2-Nitropropane	43		6.434					ND	
71 Epichlorohydrin	57		6.531					ND	
72 cis-1,3-Dichloropropene	75		6.562					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.659					ND	
74 Toluene	92		6.799					ND	
76 2-Methylthiophene	97		6.909					ND	
77 trans-1,3-Dichloropropene	75		7.007					ND	
75 Ethyl methacrylate	69		7.007					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
78 3-Methylthiophene	97		7.037					ND	
79 1,1,2-Trichloroethane	83		7.165					ND	
81 Tetrachloroethene	166		7.220					ND	
82 1,3-Dichloropropane	76		7.293					ND	
80 2-Hexanone	43		7.318					ND	
155 n-Butyl acetate	43		7.379					ND	
83 Chlorodibromomethane	129		7.488					ND	
84 Ethylene Dibromide	107		7.580					ND	
139 1-Chlorohexane	55		7.860					ND	U
85 3-Chlorobenzotrifluoride	180		7.866					ND	
86 4-Chlorobenzotrifluoride	180		7.915					ND	
87 Chlorobenzene	112		7.939					ND	
88 Ethylbenzene	91		7.988					ND	
89 1,1,1,2-Tetrachloroethane	131		8.007					ND	
90 m-Xylene & p-Xylene	106		8.080					ND	
91 o-Xylene	106		8.415					ND	
92 Styrene	104		8.439					ND	
93 2-Chlorobenzotrifluoride	180		8.635					ND	
95 Bromoform	173		8.659					ND	
94 Isopropylbenzene	105		8.702					ND	
96 Cyclohexanone	55		8.866					ND	
101 Bromobenzene	156		9.012					ND	
97 1,1,2,2-Tetrachloroethane	83		9.019					ND	
99 N-Propylbenzene	91		9.043					ND	
98 trans-1,4-Dichloro-2-buten	53		9.055					ND	
100 1,2,3-Trichloropropane	110		9.061					ND	
103 2-Chlorotoluene	126		9.153					ND	
102 1,3,5-Trimethylbenzene	105		9.177					ND	
104 3-Chlorotoluene	126		9.202					ND	
105 4-Chlorotoluene	126		9.244					ND	
106 tert-Butylbenzene	134		9.457					ND	
107 1,2,4-Trimethylbenzene	105		9.506					ND	
108 Pentachloroethane	167		9.531					ND	
109 sec-Butylbenzene	105		9.640					ND	
110 4-Isopropyltoluene	119		9.750					ND	
111 1,3-Dichlorobenzene	146		9.787					ND	
114 Dicyclopentadiene	66		9.848					ND	
113 1,4-Dichlorobenzene	146		9.866					ND	
112 1,2,3-Trimethylbenzene	105		9.872					ND	
143 Benzyl chloride	91		9.988					ND	
115 n-Butylbenzene	91		10.104					ND	
116 1,2-Dichlorobenzene	146		10.195					ND	
117 1,2-Dibromo-3-Chloropropan	75		10.878					ND	
118 1,3,5-Trichlorobenzene	180		11.000					ND	
119 1,2,4-Trichlorobenzene	180		11.518					ND	
120 Hexachlorobutadiene	225		11.603					ND	
121 Naphthalene	128		11.731					ND	
122 1,2,3-Trichlorobenzene	180		11.914					ND	
142 2-Methylnaphthalene	142		12.658					ND	
152 cis-1,4-Dichloro-2-butene	88		0.000					ND	
149 Hexachloroethane	117		0.000					ND	
151 Methyl acrylate	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
150 Nitrobenzene	77		0.000					ND	
S 124 Xylenes, Total	1		30.000					ND	
S 123 Total BTEX	1		30.000					ND	
S 125 1,2-Dichloroethene, Total	1		30.000					ND	
S 126 1,3-Dichloropropene, Total	1		30.000					ND	

QC Flag Legend

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

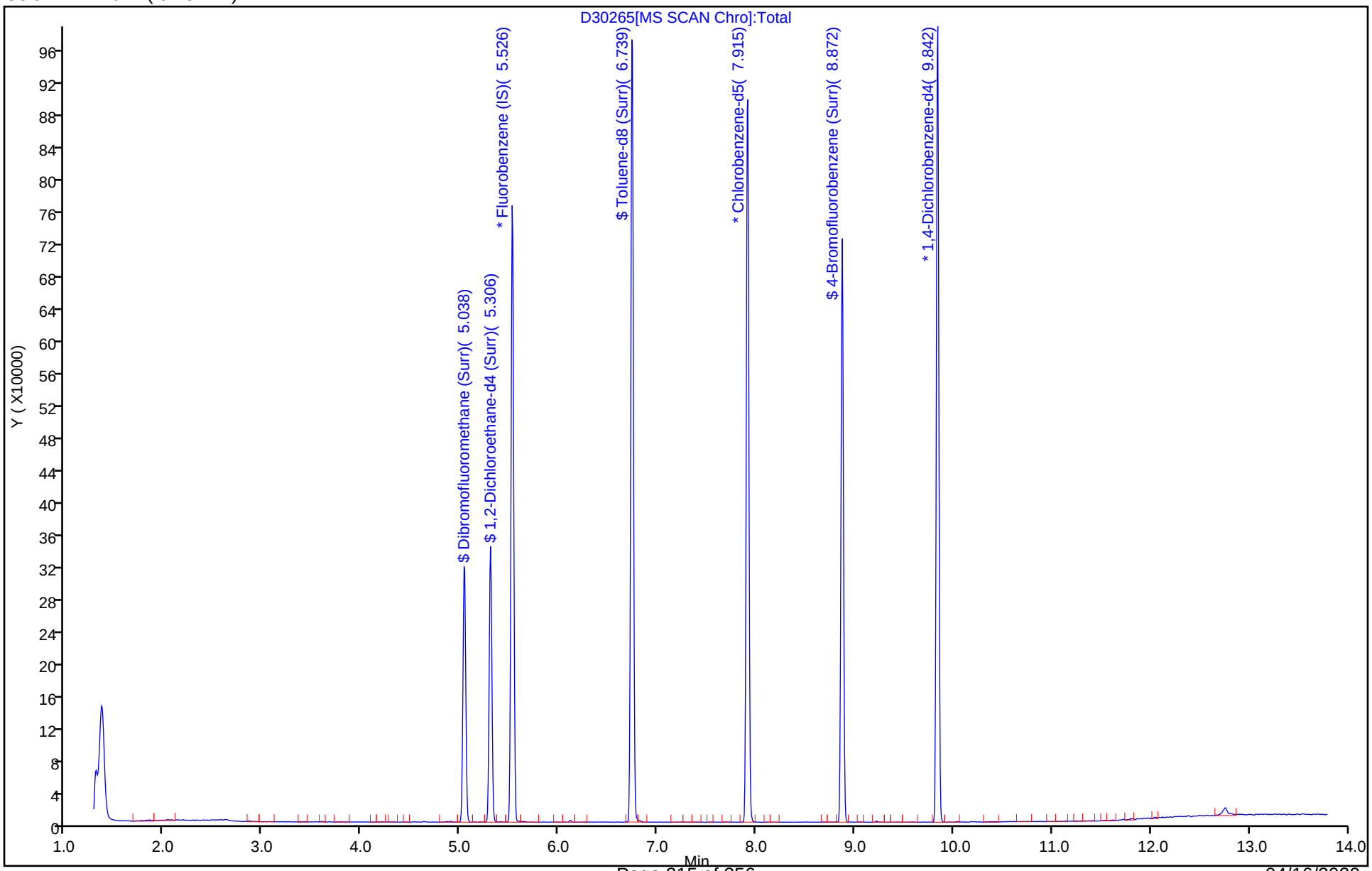
Report Date: 10-Apr-2020 13:54:45 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30265.D

Injection Date:	10-Apr-2020 13:39:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-525580/9

Matrix: Water Lab File ID: D30331.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/13/2020 13:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525580 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-525580/9

Matrix: Water Lab File ID: D30331.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/13/2020 13:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525580 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30331.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Apr-2020 13:34:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0089516-009
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 17:09:40 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 17:09:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.544	5.544	0.000	98	125166	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.927	7.927	0.000	88	266930	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.854	9.854	0.000	96	266412	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.056	5.045	0.000	93	196354	25.0	25.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.318	5.324	-0.006	99	112261	25.0	26.9	
$ 5 Toluene-d8 (Surr)	98	6.757	6.747	0.000	95	614756	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	8.884	8.877	-0.007	91	199178	25.0	23.8	
10 Dichlorodifluoromethane	85		1.526					ND	
11 Chlorodifluoromethane	51		1.551					ND	
12 Chloromethane	50		1.746					ND	
144 Butadiene	54		1.867					ND	
13 Vinyl chloride	62		1.867					ND	
14 Bromomethane	94		2.227					ND	
15 Chloroethane	64		2.331					ND	
16 Dichlorofluoromethane	67		2.569					ND	
17 Trichlorofluoromethane	101		2.575					ND	
18 Ethyl ether	59		2.843					ND	
141 Ethanol	45		2.867					ND	
19 Propene oxide	58		2.941					ND	
20 Acrolein	56		3.038					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.081					ND	
22 1,1-Dichloroethene	96		3.099					ND	
23 Acetone	43		3.190					ND	
25 Iodomethane	142		3.282					ND	
26 Carbon disulfide	76		3.306					ND	
24 Isopropyl alcohol	45		3.367					ND	
28 3-Chloro-1-propene	41		3.434					ND	
27 Methyl acetate	43		3.471					ND	
29 Acetonitrile	40		3.502					ND	
30 Methylene Chloride	84		3.617					ND	
31 2-Methyl-2-propanol	59		3.721					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.763					ND	
34 trans-1,2-Dichloroethene	96		3.788					ND	
33 Acrylonitrile	53		3.843					ND	
35 Hexane	57		3.952					ND	
36 Isopropyl ether	45		4.160					ND	
39 1,1-Dichloroethane	63		4.172					ND	
132 Halothane	117		4.190					ND	
37 Vinyl acetate	43		4.202					ND	
40 2-Chloro-1,3-butadiene	53		4.221					ND	
38 1,1-Dimethoxyethane	75		4.233					ND	
41 Tert-butyl ethyl ether	59		4.459					ND	
44 2,2-Dichloropropane	77		4.629					ND	
45 cis-1,2-Dichloroethene	96		4.660					ND	
43 2-Butanone (MEK)	43		4.684					ND	
42 Ethyl acetate	43		4.696					ND	
46 Propionitrile	54		4.782					ND	
48 Chlorobromomethane	128		4.867					ND	
47 Methacrylonitrile	41		4.867					ND	
49 Tetrahydrofuran	42		4.879					ND	
50 Chloroform	83		4.922					ND	
51 1,1,1-Trichloroethane	97		5.025					ND	
52 Cyclohexane	56		5.038					ND	
55 Carbon tetrachloride	117		5.141					ND	
54 1,1-Dichloropropene	75		5.153					ND	
53 Isobutyl alcohol	43		5.306					ND	
146 Isooctane	57		5.306					ND	
57 Benzene	78		5.330					ND	
140 t-Amyl alcohol	59		5.355					ND	
56 Tert-amyl methyl ether	73		5.367					ND	
58 1,2-Dichloroethane	62		5.385					ND	
59 n-Heptane	43		5.440					ND	
1 1,4-Difluorobenzene	114		5.623					ND	
154 2,4,4-Trimethyl-1-pentene	55		5.714					ND	
60 n-Butanol	56		5.806					ND	
62 Trichloroethene	95		5.824					ND	
145 Ethyl acrylate	55		5.891					ND	
153 2,4,4-Trimethyl-2-pentene	97		5.897					ND	
64 Methylcyclohexane	83		5.922					ND	
65 1,2-Dichloropropane	63		6.025					ND	
63 Methyl methacrylate	41		6.068					ND	
66 1,4-Dioxane	88		6.129					ND	
67 Dibromomethane	93		6.141					ND	
68 Dichlorobromomethane	83		6.251					ND	
69 2-Chloroethyl vinyl ether	63		6.446					ND	
70 2-Nitropropane	43		6.446					ND	
71 Epichlorohydrin	57		6.544					ND	
72 cis-1,3-Dichloropropene	75		6.580					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.671					ND	U
74 Toluene	92		6.812					ND	
76 2-Methylthiophene	97		6.922					ND	
77 trans-1,3-Dichloropropene	75		7.019					ND	
75 Ethyl methacrylate	69		7.019					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
78 3-Methylthiophene	97		7.056					ND	
79 1,1,2-Trichloroethane	83		7.177					ND	
81 Tetrachloroethene	166		7.232					ND	
82 1,3-Dichloropropane	76		7.305					ND	
80 2-Hexanone	43		7.324					ND	
155 n-Butyl acetate	43		7.391					ND	
83 Chlorodibromomethane	129		7.501					ND	
84 Ethylene Dibromide	107		7.598					ND	
139 1-Chlorohexane	55		7.873					ND	U
85 3-Chlorobenzotrifluoride	180		7.879					ND	
86 4-Chlorobenzotrifluoride	180		7.927					ND	
87 Chlorobenzene	112		7.952					ND	
88 Ethylbenzene	91		8.000					ND	
89 1,1,1,2-Tetrachloroethane	131		8.019					ND	
90 m-Xylene & p-Xylene	106		8.092					ND	
91 o-Xylene	106		8.427					ND	
92 Styrene	104		8.452					ND	
93 2-Chlorobenzotrifluoride	180		8.647					ND	
95 Bromoform	173		8.671					ND	
94 Isopropylbenzene	105		8.714					ND	
96 Cyclohexanone	55		8.879					ND	
101 Bromobenzene	156		9.025					ND	
97 1,1,2,2-Tetrachloroethane	83		9.031					ND	
99 N-Propylbenzene	91		9.055					ND	
98 trans-1,4-Dichloro-2-buten	53		9.067					ND	
100 1,2,3-Trichloropropane	110		9.073					ND	
103 2-Chlorotoluene	126		9.165					ND	
102 1,3,5-Trimethylbenzene	105		9.189					ND	
104 3-Chlorotoluene	126		9.214					ND	
105 4-Chlorotoluene	126		9.256					ND	
106 tert-Butylbenzene	134		9.470					ND	
107 1,2,4-Trimethylbenzene	105		9.512					ND	
108 Pentachloroethane	167		9.543					ND	
109 sec-Butylbenzene	105		9.653					ND	
110 4-Isopropyltoluene	119		9.762					ND	
111 1,3-Dichlorobenzene	146		9.799					ND	
114 Dicyclopentadiene	66		9.860					ND	
113 1,4-Dichlorobenzene	146		9.878					ND	
112 1,2,3-Trimethylbenzene	105		9.884					ND	
143 Benzyl chloride	91		10.000					ND	
115 n-Butylbenzene	91		10.116					ND	
116 1,2-Dichlorobenzene	146		10.201					ND	
117 1,2-Dibromo-3-Chloropropan	75		10.890					ND	
118 1,3,5-Trichlorobenzene	180		11.012					ND	
119 1,2,4-Trichlorobenzene	180		11.524					ND	
120 Hexachlorobutadiene	225		11.616					ND	
121 Naphthalene	128		11.738					ND	
122 1,2,3-Trichlorobenzene	180		11.927					ND	
142 2-Methylnaphthalene	142		12.670					ND	
149 Hexachloroethane	117		0.000					ND	
152 cis-1,4-Dichloro-2-butene	88		0.000					ND	
151 Methyl acrylate	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
150 Nitrobenzene	77		0.000					ND	
S 125 1,2-Dichloroethene, Total	1		30.000					ND	
S 126 1,3-Dichloropropene, Total	1		30.000					ND	
S 124 Xylenes, Total	1		30.000					ND	
S 123 Total BTEX	1		30.000					ND	

QC Flag Legend

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00012 Amount Added: 1.00 Units: uL Run Reagent

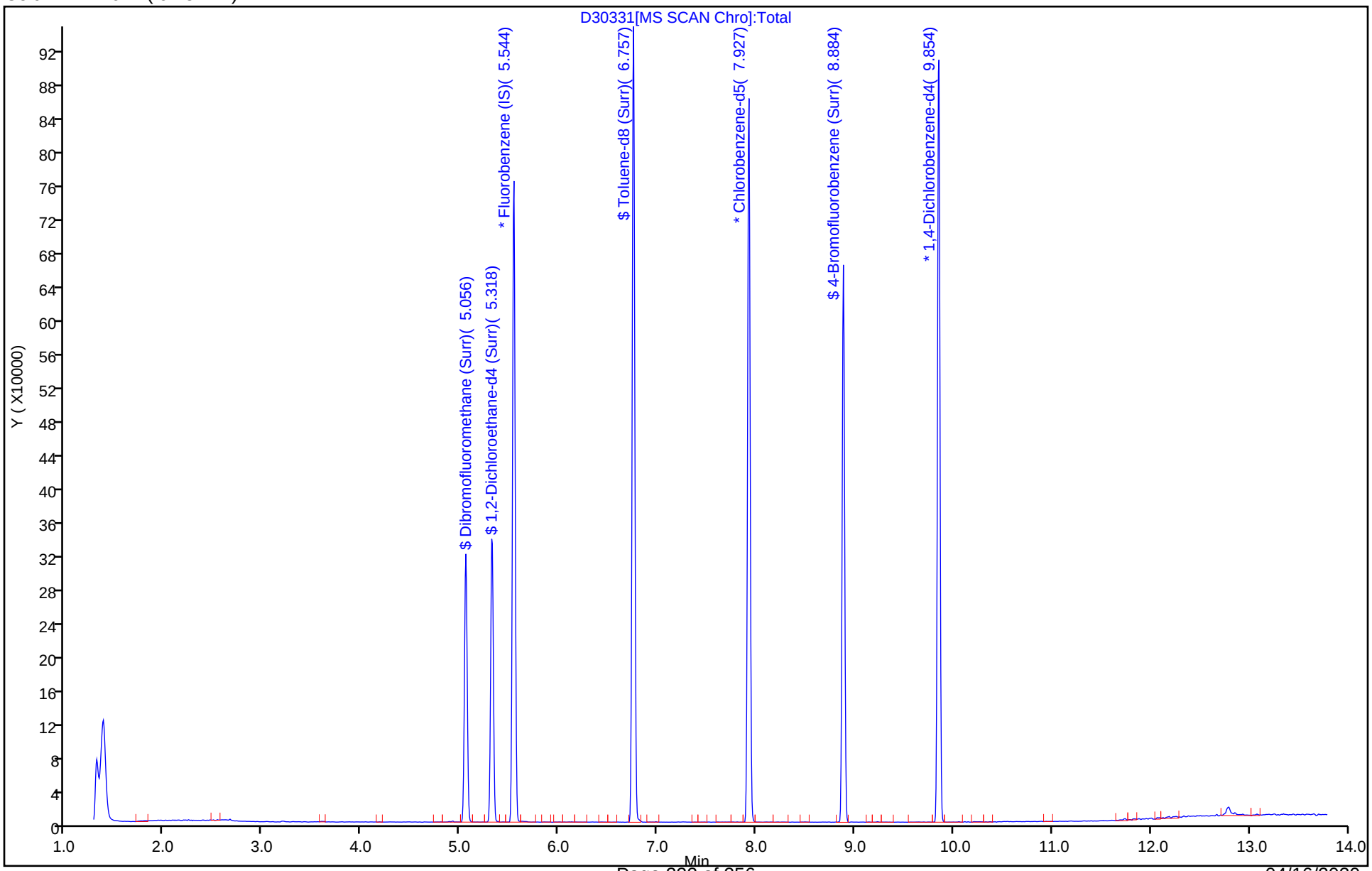
Report Date: 13-Apr-2020 17:09:40 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30331.D

Injection Date:	13-Apr-2020 13:34:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



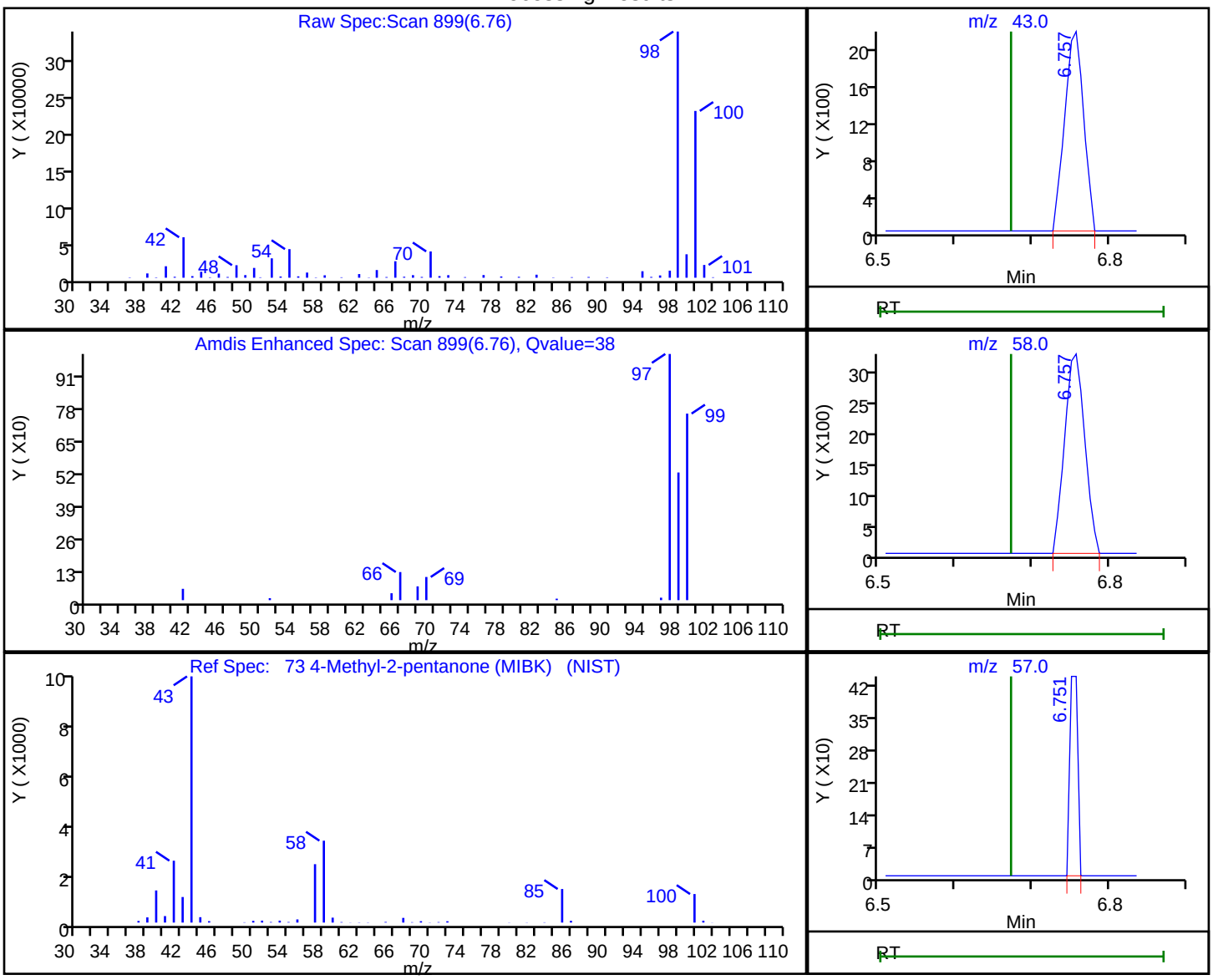
User Disabled Compound Report

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30331.D
Injection Date: 13-Apr-2020 13:34:30 Instrument ID: HP5975D
Lims ID: MB
Client ID:
Operator ID: LH ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.76	43.00	3777	0.457402
6.76	58.00	6065	
6.75	57.00	318	

Reviewer: HillL, 13-Apr-2020 17:09:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-525323/5

Matrix: Water Lab File ID: D30262.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 12:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	28.9		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.8		1.0	0.21
79-00-5	1,1,2-Trichloroethane	25.2		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28.0		1.0	0.31
75-34-3	1,1-Dichloroethane	26.6		1.0	0.38
75-35-4	1,1-Dichloroethene	26.2		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	27.6		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	27.2		1.0	0.39
95-50-1	1,2-Dichlorobenzene	25.8		1.0	0.79
107-06-2	1,2-Dichloroethane	26.0		1.0	0.21
78-87-5	1,2-Dichloropropane	26.1		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.7		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.9		1.0	0.84
78-93-3	2-Butanone (MEK)	126		10	1.3
591-78-6	2-Hexanone	133		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	134		5.0	2.1
67-64-1	Acetone	127		10	3.0
71-43-2	Benzene	25.6		1.0	0.41
75-27-4	Bromodichloromethane	27.6		1.0	0.39
75-25-2	Bromoform	28.8		1.0	0.26
74-83-9	Bromomethane	26.2		1.0	0.69
75-15-0	Carbon disulfide	27.8		1.0	0.19
56-23-5	Carbon tetrachloride	31.0		1.0	0.27
108-90-7	Chlorobenzene	25.2		1.0	0.75
124-48-1	Dibromochloromethane	28.0		1.0	0.32
75-00-3	Chloroethane	26.7		1.0	0.32
67-66-3	Chloroform	25.4		1.0	0.34
74-87-3	Chloromethane	26.2		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	26.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	26.5		1.0	0.36
110-82-7	Cyclohexane	27.0		1.0	0.18
75-71-8	Dichlorodifluoromethane	26.6		1.0	0.68
100-41-4	Ethylbenzene	26.5		1.0	0.74
106-93-4	1,2-Dibromoethane	25.9		1.0	0.73
98-82-8	Isopropylbenzene	26.7		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-525323/5

Matrix: Water Lab File ID: D30262.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 12:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	50.9		2.5	1.3
1634-04-4	Methyl tert-butyl ether	26.6		1.0	0.16
108-87-2	Methylcyclohexane	27.1		1.0	0.16
75-09-2	Methylene Chloride	25.2		1.0	0.44
100-42-5	Styrene	26.9		1.0	0.73
127-18-4	Tetrachloroethene	27.1		1.0	0.36
108-88-3	Toluene	25.7		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	26.4		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	26.5		1.0	0.37
79-01-6	Trichloroethene	27.2		1.0	0.46
75-69-4	Trichlorofluoromethane	31.5		1.0	0.88
75-01-4	Vinyl chloride	26.2		1.0	0.90
1330-20-7	Xylenes, Total	53.0		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30262.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Apr-2020 12:11:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0089479-005
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Apr-2020 13:53:21 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 10-Apr-2020 13:53:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.531	5.532	-0.001	98	126845	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	282616	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	293955	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.044	5.044	0.000	94	198001	25.0	25.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.306	5.306	0.000	98	112127	25.0	26.5	
$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	649176	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	8.872	8.872	0.000	95	226785	25.0	25.6	
10 Dichlorodifluoromethane	85	1.508	1.514	-0.006	98	186083	25.0	26.6	
12 Chloromethane	50	1.733	1.733	0.000	99	238720	25.0	26.2	
144 Butadiene	54	1.849	1.849	0.000	96	180199	25.0	29.3	
13 Vinyl chloride	62	1.849	1.849	0.000	98	170510	25.0	26.2	
14 Bromomethane	94	2.215	2.221	-0.006	92	115272	25.0	26.2	
15 Chloroethane	64	2.294	2.300	-0.006	95	87519	25.0	26.7	
16 Dichlorofluoromethane	67	2.550	2.556	-0.006	98	242209	25.0	27.9	
17 Trichlorofluoromethane	101	2.563	2.569	-0.006	98	249505	25.0	31.5	
18 Ethyl ether	59	2.831	2.831	0.000	96	167105	25.0	26.5	
20 Acrolein	56	3.020	3.026	-0.006	98	87953	125.0	209.8	
21 1,1,2-Trichloro-1,2,2-trif	101	3.050	3.056	-0.006	95	181452	25.0	28.0	
22 1,1-Dichloroethene	96	3.075	3.081	-0.006	92	152964	25.0	26.2	
23 Acetone	43	3.178	3.178	0.000	98	267116	125.0	127.1	
25 Iodomethane	142	3.245	3.251	-0.006	99	338581	25.0	26.3	
26 Carbon disulfide	76	3.294	3.300	-0.006	100	533739	25.0	27.8	
28 3-Chloro-1-propene	41	3.422	3.422	0.000	89	389903	25.0	26.4	
27 Methyl acetate	43	3.459	3.459	0.000	99	330618	50.0	50.9	
30 Methylene Chloride	84	3.581	3.593	-0.012	92	179920	25.0	25.2	
31 2-Methyl-2-propanol	59	3.709	3.709	0.000	97	150182	250.0	249.9	
32 Methyl tert-butyl ether	73	3.751	3.751	0.000	98	450422	25.0	26.6	
34 trans-1,2-Dichloroethene	96	3.770	3.776	-0.006	92	175434	25.0	26.4	
33 Acrylonitrile	53	3.824	3.831	-0.007	97	790869	250.0	261.9	
35 Hexane	57	3.940	3.940	0.000	95	349257	25.0	28.6	
39 1,1-Dichloroethane	63	4.154	4.160	-0.006	97	363755	25.0	26.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	4.190	4.190	0.000	97	963778	50.0	52.3	
44 2,2-Dichloropropane	77	4.611	4.617	-0.006	95	181157	25.0	29.5	
45 cis-1,2-Dichloroethene	96	4.648	4.647	0.001	86	193779	25.0	26.1	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	97	495723	125.0	126.5	
48 Chlorobromomethane	128	4.855	4.855	0.000	91	111298	25.0	26.6	
49 Tetrahydrofuran	42	4.867	4.867	0.000	92	137424	50.0	49.2	
50 Chloroform	83	4.910	4.910	0.000	96	340210	25.0	25.4	
51 1,1,1-Trichloroethane	97	5.013	5.013	0.000	98	283279	25.0	28.9	
52 Cyclohexane	56	5.019	5.019	0.000	95	399680	25.0	27.0	
55 Carbon tetrachloride	117	5.129	5.129	0.000	97	263580	25.0	31.0	
54 1,1-Dichloropropene	75	5.135	5.135	0.000	95	246148	25.0	27.7	
53 Isobutyl alcohol	43	5.288	5.288	0.000	93	185124	625.0	569.1	
57 Benzene	78	5.312	5.312	0.000	97	653794	25.0	25.6	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	292897	25.0	26.0	
59 n-Heptane	43	5.428	5.428	0.000	96	420423	25.0	27.9	
62 Trichloroethene	95	5.806	5.812	-0.006	96	197785	25.0	27.2	
64 Methylcyclohexane	83	5.909	5.909	0.000	97	297910	25.0	27.1	
65 1,2-Dichloropropane	63	6.007	6.013	-0.006	93	209397	25.0	26.1	
66 1,4-Dioxane	88	6.117	6.117	0.000	97	14109	500.0	420.4	
67 Dibromomethane	93	6.129	6.129	0.000	96	123413	25.0	26.0	
68 Dichlorobromomethane	83	6.239	6.239	0.000	97	263290	25.0	27.6	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	90	130093	25.0	26.7	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	90	292198	25.0	26.5	
73 4-Methyl-2-pentanone (MIBK	43	6.659	6.659	0.000	98	1169380	125.0	133.8	
74 Toluene	92	6.793	6.800	-0.006	97	444861	25.0	25.7	
77 trans-1,3-Dichloropropene	75	7.007	7.007	0.000	96	275961	25.0	26.5	
75 Ethyl methacrylate	69	7.007	7.007	0.000	94	205207	25.0	26.9	
79 1,1,2-Trichloroethane	83	7.159	7.165	-0.006	93	139109	25.0	25.2	
81 Tetrachloroethene	166	7.220	7.220	0.000	95	209409	25.0	27.1	
82 1,3-Dichloropropane	76	7.293	7.293	0.000	98	257966	25.0	25.2	
80 2-Hexanone	43	7.312	7.318	-0.006	98	807353	125.0	133.4	
83 Chlorodibromomethane	129	7.488	7.488	0.000	90	227969	25.0	28.0	
84 Ethylene Dibromide	107	7.580	7.580	0.000	98	188310	25.0	25.9	
87 Chlorobenzene	112	7.940	7.940	0.001	96	529256	25.0	25.2	
88 Ethylbenzene	91	7.988	7.988	0.000	99	874102	25.0	26.5	
89 1,1,1,2-Tetrachloroethane	131	8.007	8.007	0.000	95	207311	25.0	28.3	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	333020	25.0	26.3	
91 o-Xylene	106	8.415	8.415	0.000	98	329194	25.0	26.7	
92 Styrene	104	8.439	8.439	0.000	95	563430	25.0	26.9	
95 Bromoform	173	8.653	8.659	-0.006	97	145154	25.0	28.8	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	875540	25.0	26.7	
101 Bromobenzene	156	9.013	9.013	0.000	93	249527	25.0	24.9	
97 1,1,2,2-Tetrachloroethane	83	9.019	9.019	0.000	93	227655	25.0	24.8	
99 N-Propylbenzene	91	9.043	9.043	0.000	99	1062814	25.0	26.6	
98 trans-1,4-Dichloro-2-buten	53	9.055	9.055	0.000	78	93057	25.0	27.9	
100 1,2,3-Trichloropropane	110	9.061	9.061	0.000	88	63288	25.0	24.7	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	217505	25.0	26.2	
102 1,3,5-Trimethylbenzene	105	9.177	9.177	0.000	93	755210	25.0	27.2	
105 4-Chlorotoluene	126	9.238	9.244	-0.006	98	231612	25.0	26.5	
106 tert-Butylbenzene	134	9.458	9.458	0.001	94	152327	25.0	27.5	
107 1,2,4-Trimethylbenzene	105	9.500	9.506	-0.006	98	768642	25.0	27.1	
109 sec-Butylbenzene	105	9.640	9.640	0.000	95	966772	25.0	27.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 4-Isopropyltoluene	119	9.750	9.750	0.000	97	830413	25.0	27.9	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	99	456830	25.0	25.7	
113 1,4-Dichlorobenzene	146	9.860	9.866	-0.006	97	468014	25.0	25.9	
115 n-Butylbenzene	91	10.104	10.104	0.000	98	766563	25.0	28.2	
116 1,2-Dichlorobenzene	146	10.189	10.195	-0.006	98	447447	25.0	25.8	
117 1,2-Dibromo-3-Chloropropan	75	10.878	10.878	0.000	85	39953	25.0	27.2	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	96	324326	25.0	27.6	
120 Hexachlorobutadiene	225	11.603	11.603	0.000	98	159920	25.0	26.4	
121 Naphthalene	128	11.725	11.731	-0.006	97	761899	25.0	27.1	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	96	310902	25.0	27.6	

Reagents:

8260 CORP mix_00183	Amount Added: 12.50	Units: uL	
GAS CORP mix_00393	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

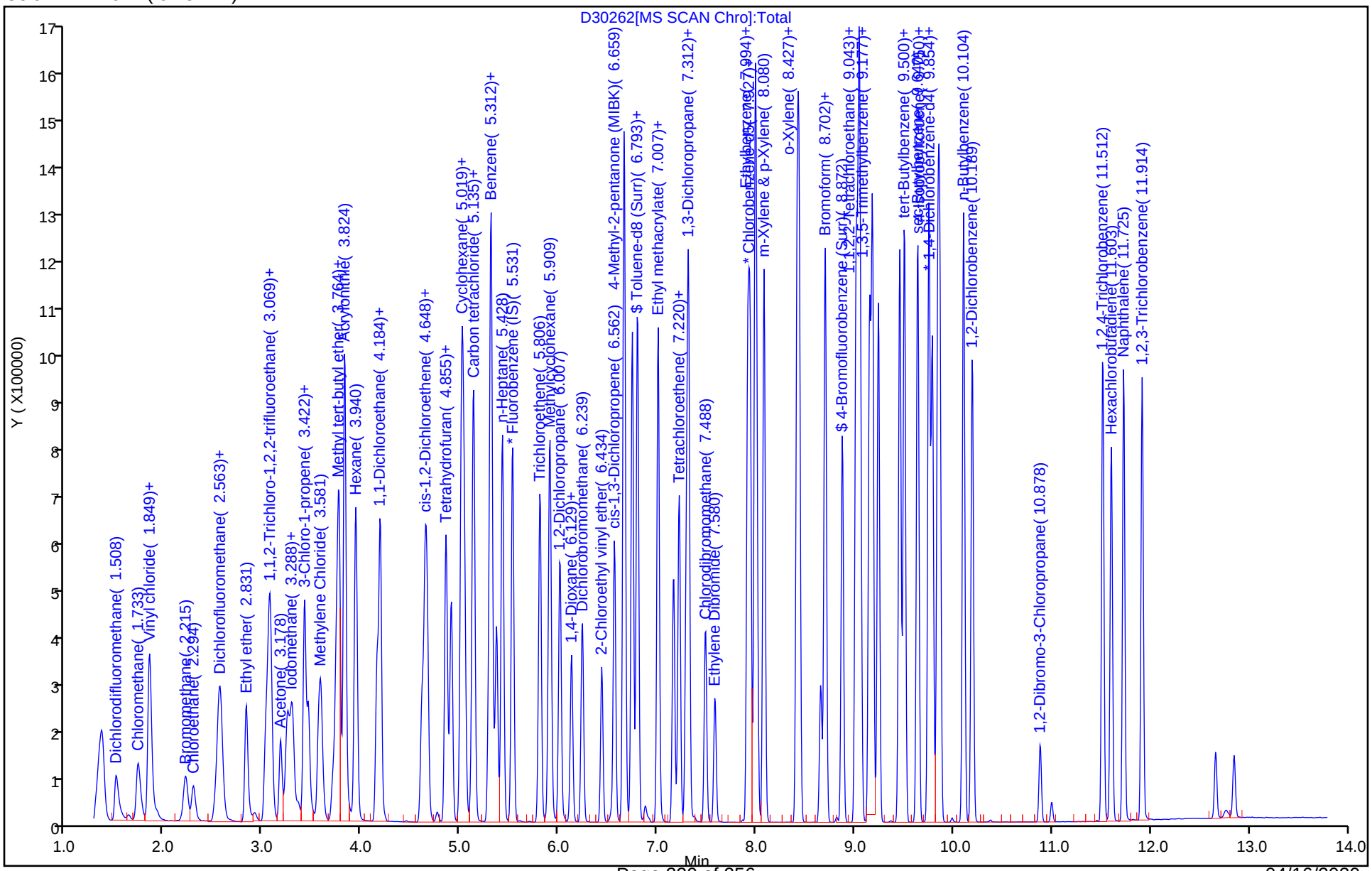
Report Date: 10-Apr-2020 13:53:29 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30262.D

Injection Date:	10-Apr-2020 12:11:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-525580/6

Matrix: Water Lab File ID: D30329.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/13/2020 12:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525580 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	28.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.3		1.0	0.21
79-00-5	1,1,2-Trichloroethane	24.4		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27.2		1.0	0.31
75-34-3	1,1-Dichloroethane	26.3		1.0	0.38
75-35-4	1,1-Dichloroethene	25.7		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	28.6		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	27.8		1.0	0.39
95-50-1	1,2-Dichlorobenzene	26.1		1.0	0.79
107-06-2	1,2-Dichloroethane	26.2		1.0	0.21
78-87-5	1,2-Dichloropropane	25.6		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.8		1.0	0.78
106-46-7	1,4-Dichlorobenzene	26.1		1.0	0.84
78-93-3	2-Butanone (MEK)	134		10	1.3
591-78-6	2-Hexanone	133		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	132		5.0	2.1
67-64-1	Acetone	142		10	3.0
71-43-2	Benzene	25.0		1.0	0.41
75-27-4	Bromodichloromethane	27.4		1.0	0.39
75-25-2	Bromoform	27.0		1.0	0.26
74-83-9	Bromomethane	27.4		1.0	0.69
75-15-0	Carbon disulfide	25.2		1.0	0.19
56-23-5	Carbon tetrachloride	31.3		1.0	0.27
108-90-7	Chlorobenzene	24.6		1.0	0.75
124-48-1	Dibromochloromethane	26.9		1.0	0.32
75-00-3	Chloroethane	27.0		1.0	0.32
67-66-3	Chloroform	25.1		1.0	0.34
74-87-3	Chloromethane	27.7		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	26.4		1.0	0.36
110-82-7	Cyclohexane	26.4		1.0	0.18
75-71-8	Dichlorodifluoromethane	28.6		1.0	0.68
100-41-4	Ethylbenzene	25.7		1.0	0.74
106-93-4	1,2-Dibromoethane	25.3		1.0	0.73
98-82-8	Isopropylbenzene	27.0		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-525580/6

Matrix: Water Lab File ID: D30329.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/13/2020 12:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525580 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	52.3		2.5	1.3
1634-04-4	Methyl tert-butyl ether	26.4		1.0	0.16
108-87-2	Methylcyclohexane	26.0		1.0	0.16
75-09-2	Methylene Chloride	24.8		1.0	0.44
100-42-5	Styrene	26.0		1.0	0.73
127-18-4	Tetrachloroethene	26.3		1.0	0.36
108-88-3	Toluene	25.0		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	25.5		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	26.8		1.0	0.37
79-01-6	Trichloroethene	26.3		1.0	0.46
75-69-4	Trichlorofluoromethane	32.3		1.0	0.88
75-01-4	Vinyl chloride	27.2		1.0	0.90
1330-20-7	Xylenes, Total	51.5		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30329.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Apr-2020 12:39:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0089516-006
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 15:04:08 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 17:08:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.544	5.544	0.000	98	122908	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.927	7.927	0.000	89	272856	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.854	9.854	0.000	95	270469	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.056	5.045	0.000	93	189334	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.324	5.324	0.000	97	106659	25.0	26.0	
$ 5 Toluene-d8 (Surr)	98	6.757	6.747	0.000	94	621887	25.0	24.6	
$ 6 4-Bromofluorobenzene (Surr	174	8.884	8.877	-0.007	91	205432	25.0	24.0	
10 Dichlorodifluoromethane	85	1.520	1.526	-0.006	99	193439	25.0	28.6	
12 Chloromethane	50	1.746	1.746	0.000	99	245013	25.0	27.7	
144 Butadiene	54	1.861	1.867	-0.006	94	187115	25.0	31.4	
13 Vinyl chloride	62	1.861	1.867	-0.006	96	171835	25.0	27.2	
14 Bromomethane	94	2.227	2.227	0.000	92	116714	25.0	27.4	
15 Chloroethane	64	2.306	2.331	-0.025	95	85848	25.0	27.0	
16 Dichlorofluoromethane	67	2.569	2.569	0.000	97	236561	25.0	28.1	
17 Trichlorofluoromethane	101	2.575	2.575	0.000	96	247268	25.0	32.3	
18 Ethyl ether	59	2.843	2.843	0.000	95	156440	25.0	25.6	
20 Acrolein	56	3.038	3.038	0.000	99	109631	125.0	269.9	
21 1,1,2-Trichloro-1,2,2-trif	101	3.062	3.081	-0.019	95	170683	25.0	27.2	
22 1,1-Dichloroethene	96	3.093	3.099	-0.006	92	145388	25.0	25.7	
23 Acetone	43	3.190	3.190	0.000	98	288276	125.0	141.6	
25 Iodomethane	142	3.264	3.282	-0.018	99	320509	25.0	25.7	
26 Carbon disulfide	76	3.312	3.306	0.006	99	469118	25.0	25.2	
28 3-Chloro-1-propene	41	3.434	3.434	0.000	89	385194	25.0	27.0	
27 Methyl acetate	43	3.471	3.471	0.000	99	329609	50.0	52.3	
30 Methylene Chloride	84	3.599	3.617	-0.018	92	171448	25.0	24.8	
31 2-Methyl-2-propanol	59	3.721	3.721	0.000	97	188925	250.0	324.4	
32 Methyl tert-butyl ether	73	3.763	3.763	0.000	98	433994	25.0	26.4	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	91	164174	25.0	25.5	
33 Acrylonitrile	53	3.843	3.843	0.000	97	785098	250.0	268.3	
35 Hexane	57	3.952	3.952	0.000	96	319044	25.0	26.9	
39 1,1-Dichloroethane	63	4.172	4.172	0.000	97	347660	25.0	26.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	4.202	4.202	0.000	96	1030709	50.0	57.7	
44 2,2-Dichloropropane	77	4.629	4.629	0.000	93	168895	25.0	28.4	
45 cis-1,2-Dichloroethene	96	4.660	4.660	0.000	84	186189	25.0	25.9	
43 2-Butanone (MEK)	43	4.678	4.684	-0.006	97	507543	125.0	133.6	
48 Chlorobromomethane	128	4.867	4.867	0.000	91	104200	25.0	25.7	
49 Tetrahydrofuran	42	4.879	4.879	0.000	93	138330	50.0	51.1	
50 Chloroform	83	4.922	4.922	0.000	95	325691	25.0	25.1	
51 1,1,1-Trichloroethane	97	5.025	5.025	0.000	98	271660	25.0	28.6	
52 Cyclohexane	56	5.032	5.038	-0.006	96	378803	25.0	26.4	
55 Carbon tetrachloride	117	5.141	5.141	0.000	98	258035	25.0	31.3	
54 1,1-Dichloropropene	75	5.147	5.153	-0.006	92	232402	25.0	27.0	
53 Isobutyl alcohol	43	5.300	5.306	-0.006	94	236704	625.0	750.9	
57 Benzene	78	5.330	5.330	0.000	96	618997	25.0	25.0	
58 1,2-Dichloroethane	62	5.379	5.385	-0.006	96	286072	25.0	26.2	
59 n-Heptane	43	5.440	5.440	0.000	96	399235	25.0	27.4	
62 Trichloroethene	95	5.824	5.824	0.000	96	185142	25.0	26.3	
64 Methylcyclohexane	83	5.922	5.922	0.000	96	276558	25.0	26.0	
65 1,2-Dichloropropane	63	6.025	6.025	0.000	92	199129	25.0	25.6	
66 1,4-Dioxane	88	6.129	6.119	0.000	94	20423	500.0	630.4	
67 Dibromomethane	93	6.141	6.141	0.000	96	119958	25.0	26.1	
68 Dichlorobromomethane	83	6.251	6.251	0.000	97	253450	25.0	27.4	
69 2-Chloroethyl vinyl ether	63	6.446	6.446	0.000	90	126285	25.0	26.7	
72 cis-1,3-Dichloropropene	75	6.574	6.580	-0.006	90	282420	25.0	26.4	
73 4-Methyl-2-pentanone (MIBK	43	6.671	6.661	0.000	98	1112263	125.0	131.8	
74 Toluene	92	6.812	6.801	0.000	97	418926	25.0	25.0	
77 trans-1,3-Dichloropropene	75	7.019	7.008	0.000	95	268932	25.0	26.8	
75 Ethyl methacrylate	69	7.019	7.008	0.000	96	195388	25.0	26.5	
79 1,1,2-Trichloroethane	83	7.177	7.166	0.000	95	129818	25.0	24.4	
81 Tetrachloroethene	166	7.232	7.221	0.000	95	196890	25.0	26.3	
82 1,3-Dichloropropane	76	7.305	7.294	0.000	98	246905	25.0	25.0	
80 2-Hexanone	43	7.324	7.313	0.000	100	774195	125.0	132.5	
83 Chlorodibromomethane	129	7.501	7.489	0.000	91	211145	25.0	26.9	
84 Ethylene Dibromide	107	7.592	7.586	-0.006	98	177664	25.0	25.3	
87 Chlorobenzene	112	7.952	7.940	0.000	96	498584	25.0	24.6	
88 Ethylbenzene	91	8.000	7.988	0.000	98	817651	25.0	25.7	
89 1,1,1,2-Tetrachloroethane	131	8.019	8.006	0.000	95	192061	25.0	27.1	
90 m-Xylene & p-Xylene	106	8.092	8.080	0.000	99	313292	25.0	25.7	
91 o-Xylene	106	8.427	8.414	0.000	98	306534	25.0	25.8	
92 Styrene	104	8.452	8.439	0.000	95	525772	25.0	26.0	
95 Bromoform	173	8.665	8.658	-0.006	96	131518	25.0	27.0	
94 Isopropylbenzene	105	8.714	8.703	0.000	96	814995	25.0	27.0	
101 Bromobenzene	156	9.025	9.014	0.000	91	233095	25.0	25.3	
97 1,1,2,2-Tetrachloroethane	83	9.031	9.020	0.000	93	205257	25.0	24.3	
99 N-Propylbenzene	91	9.055	9.044	0.000	100	980793	25.0	26.6	
98 trans-1,4-Dichloro-2-buten	53	9.067	9.056	0.000	77	77071	25.0	25.2	
100 1,2,3-Trichloropropane	110	9.073	9.062	0.000	87	57227	25.0	24.3	
103 2-Chlorotoluene	126	9.165	9.154	0.000	97	201921	25.0	26.4	
102 1,3,5-Trimethylbenzene	105	9.189	9.178	0.000	93	702600	25.0	27.5	
105 4-Chlorotoluene	126	9.250	9.245	-0.006	98	211670	25.0	26.3	
106 tert-Butylbenzene	134	9.470	9.458	0.000	94	138526	25.0	27.1	
107 1,2,4-Trimethylbenzene	105	9.512	9.501	0.000	98	711915	25.0	27.3	
109 sec-Butylbenzene	105	9.653	9.641	0.000	95	891525	25.0	27.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 4-Isopropyltoluene	119	9.762	9.750	0.000	97	767572	25.0	28.0	
111 1,3-Dichlorobenzene	146	9.799	9.787	0.000	99	421563	25.0	25.8	
113 1,4-Dichlorobenzene	146	9.872	9.866	-0.006	97	433427	25.0	26.1	
115 n-Butylbenzene	91	10.116	10.103	0.000	99	722853	25.0	28.9	
116 1,2-Dichlorobenzene	146	10.201	10.189	0.000	99	416390	25.0	26.1	
117 1,2-Dibromo-3-Chloropropan	75	10.890	10.877	0.000	84	37617	25.0	27.8	
119 1,2,4-Trichlorobenzene	180	11.524	11.510	0.000	95	309794	25.0	28.6	
120 Hexachlorobutadiene	225	11.616	11.601	0.000	98	150784	25.0	27.0	
121 Naphthalene	128	11.738	11.723	0.000	97	708651	25.0	27.4	
122 1,2,3-Trichlorobenzene	180	11.927	11.912	0.001	96	289707	25.0	27.9	

Reagents:

8260 CORP mix_00183	Amount Added: 12.50	Units: uL	
GAS CORP mix_00394	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

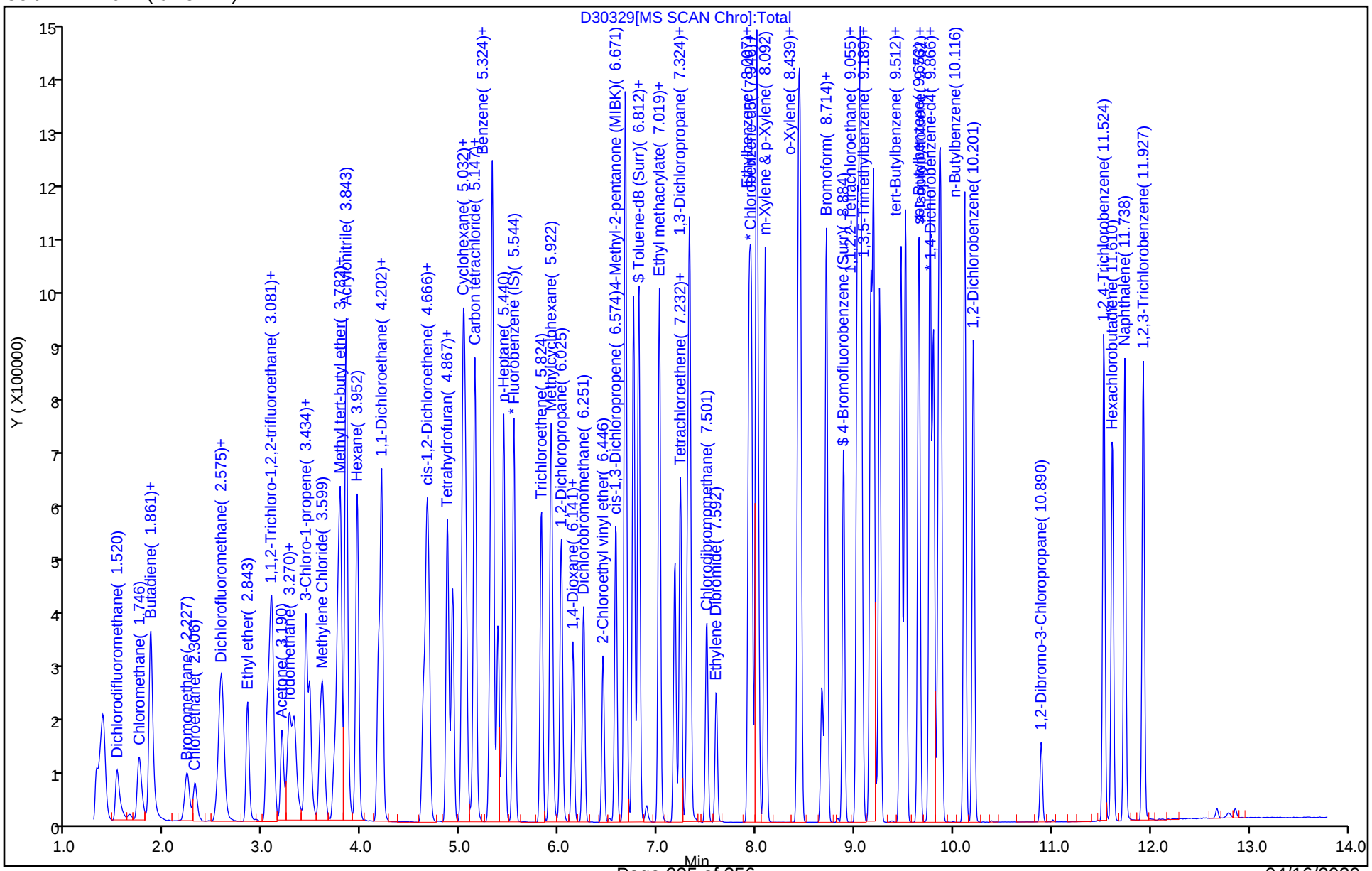
Report Date: 13-Apr-2020 17:08:21 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200413-89516.b\D30329.D

Injection Date:	13-Apr-2020 12:39:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-4 MS Lab Sample ID: 480-168458-3 MS

Matrix: Water Lab File ID: D30287.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 22:06

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	144		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	124		5.0	1.1
79-00-5	1,1,2-Trichloroethane	125		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	133		5.0	1.6
75-34-3	1,1-Dichloroethane	132		5.0	1.9
75-35-4	1,1-Dichloroethene	131		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	128		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	132		5.0	2.0
95-50-1	1,2-Dichlorobenzene	128		5.0	4.0
107-06-2	1,2-Dichloroethane	129		5.0	1.1
78-87-5	1,2-Dichloropropane	125		5.0	3.6
541-73-1	1,3-Dichlorobenzene	125		5.0	3.9
106-46-7	1,4-Dichlorobenzene	125		5.0	4.2
78-93-3	2-Butanone (MEK)	636		50	6.6
591-78-6	2-Hexanone	690		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	680		25	11
67-64-1	Acetone	651		50	15
71-43-2	Benzene	126		5.0	2.1
75-27-4	Bromodichloromethane	134		5.0	2.0
75-25-2	Bromoform	131		5.0	1.3
74-83-9	Bromomethane	128		5.0	3.5
75-15-0	Carbon disulfide	123		5.0	0.95
56-23-5	Carbon tetrachloride	160		5.0	1.4
108-90-7	Chlorobenzene	125		5.0	3.8
124-48-1	Dibromochloromethane	135		5.0	1.6
75-00-3	Chloroethane	127		5.0	1.6
67-66-3	Chloroform	126		5.0	1.7
74-87-3	Chloromethane	127		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	244		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	122		5.0	1.8
110-82-7	Cyclohexane	132		5.0	0.90
75-71-8	Dichlorodifluoromethane	126		5.0	3.4
100-41-4	Ethylbenzene	131		5.0	3.7
106-93-4	1,2-Dibromoethane	126		5.0	3.7
98-82-8	Isopropylbenzene	133		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-4 MS Lab Sample ID: 480-168458-3 MS

Matrix: Water Lab File ID: D30287.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 22:06

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	254		13	6.5
1634-04-4	Methyl tert-butyl ether	129		5.0	0.80
108-87-2	Methylcyclohexane	128		5.0	0.80
75-09-2	Methylene Chloride	124		5.0	2.2
100-42-5	Styrene	132		5.0	3.7
127-18-4	Tetrachloroethene	134		5.0	1.8
108-88-3	Toluene	127		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	131		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	128		5.0	1.9
79-01-6	Trichloroethene	135		5.0	2.3
75-69-4	Trichlorofluoromethane	157		5.0	4.4
75-01-4	Vinyl chloride	135		5.0	4.5
1330-20-7	Xylenes, Total	261		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30287.D
Lims ID: 480-168458-A-3 MS
Client ID:
Sample Type: MS
Inject. Date: 10-Apr-2020 22:06:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-168458-A-3 MS
Misc. Info.: 480-0089479-030
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:07:47 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:07:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.519	5.532	-0.013	98	125741	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.903	7.915	-0.012	88	277390	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	97	284199	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.032	5.033	-0.012	94	197467	25.0	25.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	96	110107	25.0	26.2	
$ 5 Toluene-d8 (Surr)	98	6.733	6.734	-0.012	94	630520	25.0	24.6	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.859	-0.006	91	219345	25.0	25.3	
10 Dichlorodifluoromethane	85	1.508	1.514	-0.006	99	174178	25.0	25.2	
12 Chloromethane	50	1.727	1.733	-0.006	99	228883	25.0	25.3	
13 Vinyl chloride	62	1.843	1.849	-0.006	98	174709	25.0	27.0	
14 Bromomethane	94	2.209	2.221	-0.012	92	111937	25.0	25.7	
15 Chloroethane	64	2.294	2.300	-0.006	95	82593	25.0	25.4	
17 Trichlorofluoromethane	101	2.557	2.569	-0.012	98	245748	25.0	31.3	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.056	-0.012	95	170939	25.0	26.6	
22 1,1-Dichloroethene	96	3.069	3.081	-0.012	93	151851	25.0	26.3	
23 Acetone	43	3.166	3.178	-0.012	98	271364	125.0	130.3	
26 Carbon disulfide	76	3.294	3.300	-0.006	99	468801	25.0	24.6	
27 Methyl acetate	43	3.447	3.459	-0.012	99	327122	50.0	50.8	
30 Methylene Chloride	84	3.581	3.593	-0.012	92	176094	25.0	24.9	
32 Methyl tert-butyl ether	73	3.739	3.751	-0.012	98	432479	25.0	25.7	
34 trans-1,2-Dichloroethene	96	3.764	3.776	-0.012	92	172274	25.0	26.2	
39 1,1-Dichloroethane	63	4.148	4.160	-0.012	97	357150	25.0	26.4	
45 cis-1,2-Dichloroethene	96	4.635	4.647	-0.012	85	358461	25.0	48.8	
43 2-Butanone (MEK)	43	4.654	4.666	-0.012	96	494064	125.0	127.1	
50 Chloroform	83	4.898	4.910	-0.012	96	334097	25.0	25.2	
51 1,1,1-Trichloroethane	97	5.001	5.013	-0.012	97	279799	25.0	28.8	
52 Cyclohexane	56	5.013	5.019	-0.006	94	388157	25.0	26.5	
55 Carbon tetrachloride	117	5.117	5.129	-0.012	97	270426	25.0	32.0	
57 Benzene	78	5.306	5.312	-0.006	96	638686	25.0	25.3	
58 1,2-Dichloroethane	62	5.361	5.367	-0.006	96	288943	25.0	25.9	
62 Trichloroethene	95	5.800	5.812	-0.012	95	194856	25.0	27.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83	5.897	5.904	-0.012	96	279318	25.0	25.7	
65 1,2-Dichloropropane	63	6.001	6.013	-0.012	91	199283	25.0	25.0	
68 Dichlorobromomethane	83	6.227	6.239	-0.012	97	253690	25.0	26.8	
72 cis-1,3-Dichloropropene	75	6.556	6.562	-0.006	90	268025	25.0	24.5	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.649	-0.006	98	1166918	125.0	136.0	
74 Toluene	92	6.787	6.789	-0.012	97	430712	25.0	25.3	
77 trans-1,3-Dichloropropene	75	6.995	6.996	-0.012	96	260611	25.0	25.5	
79 1,1,2-Trichloroethane	83	7.153	7.154	-0.012	94	134927	25.0	24.9	
81 Tetrachloroethene	166	7.208	7.209	-0.012	96	203440	25.0	26.8	
80 2-Hexanone	43	7.306	7.306	-0.012	99	820253	125.0	138.1	
83 Chlorodibromomethane	129	7.476	7.477	-0.012	90	214927	25.0	26.9	
84 Ethylene Dibromide	107	7.574	7.568	-0.006	98	179999	25.0	25.3	
87 Chlorobenzene	112	7.927	7.927	-0.012	97	517229	25.0	25.1	
88 Ethylbenzene	91	7.982	7.976	-0.006	99	844105	25.0	26.1	
90 m-Xylene & p-Xylene	106	8.068	8.067	-0.012	99	320107		25.8	
91 o-Xylene	106	8.409	8.402	-0.006	98	318069		26.3	
92 Styrene	104	8.427	8.426	-0.012	94	540910	25.0	26.4	
95 Bromoform	173	8.647	8.646	-0.012	97	130027	25.0	26.3	
94 Isopropylbenzene	105	8.690	8.696	-0.012	96	841697	25.0	26.5	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	-0.006	93	219726	25.0	24.7	
111 1,3-Dichlorobenzene	146	9.781	9.781	-0.006	98	429414	25.0	25.0	
113 1,4-Dichlorobenzene	146	9.854	9.860	-0.012	96	438238	25.0	25.1	
116 1,2-Dichlorobenzene	146	10.183	10.189	-0.012	97	427128	25.0	25.5	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.871	-0.006	85	37522	25.0	26.4	
119 1,2,4-Trichlorobenzene	180	11.506	11.511	-0.012	95	292340	25.0	25.7	
S 124 Xylenes, Total	1				0			52.1	

Reagents:

8260 CORP mix_00183	Amount Added: 12.50	Units: uL	
GAS CORP mix_00393	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

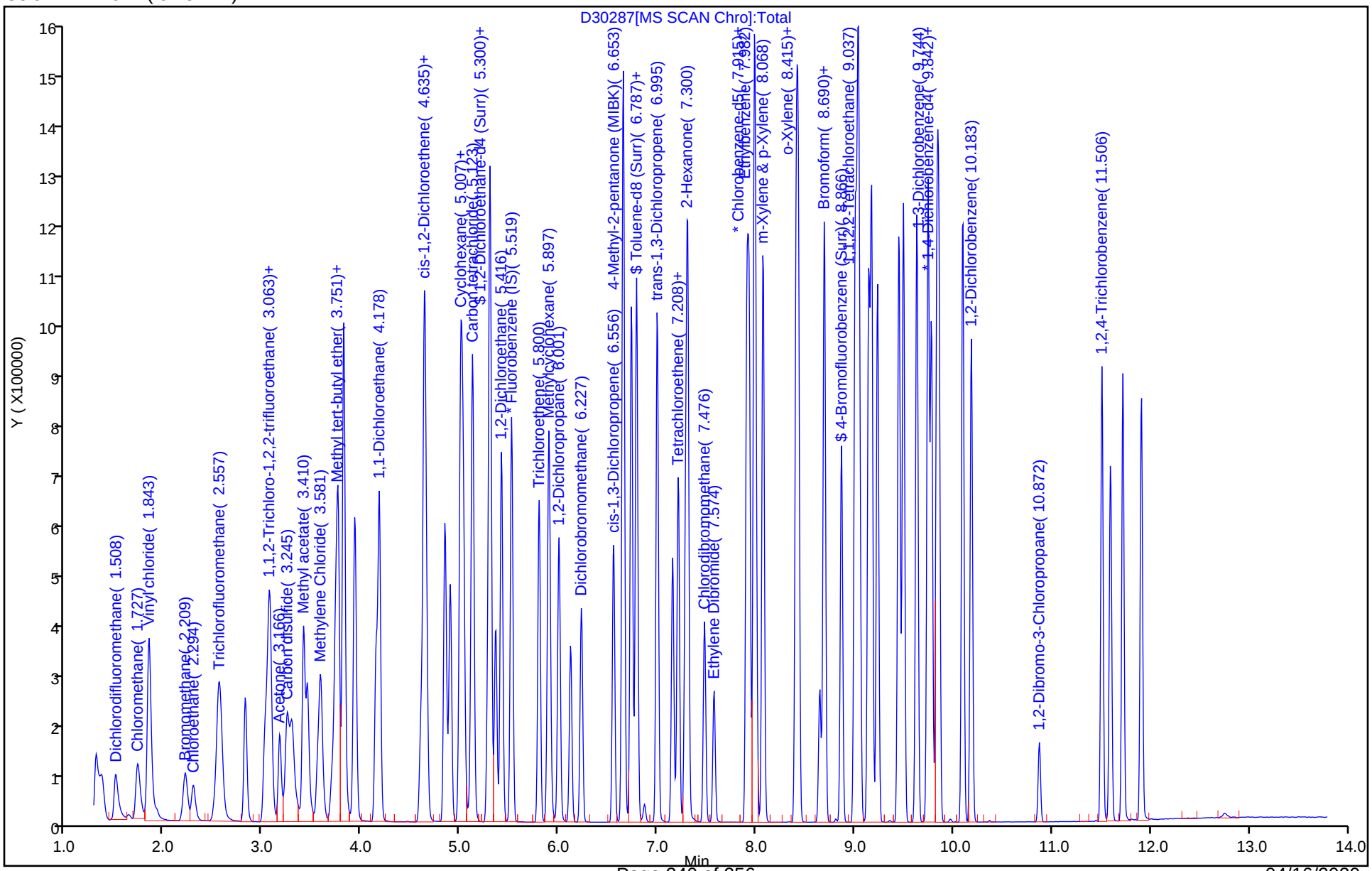
Report Date: 13-Apr-2020 11:08:00 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30287.D

Injection Date:	10-Apr-2020 22:06:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-3 MS			Worklist Smp#:	30
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	29
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-4 MSD Lab Sample ID: 480-168458-3 MSD

Matrix: Water Lab File ID: D30288.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 22:28

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	144		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	124		5.0	1.1
79-00-5	1,1,2-Trichloroethane	124		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	131		5.0	1.6
75-34-3	1,1-Dichloroethane	129		5.0	1.9
75-35-4	1,1-Dichloroethene	127		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	136		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	136		5.0	2.0
95-50-1	1,2-Dichlorobenzene	126		5.0	4.0
107-06-2	1,2-Dichloroethane	129		5.0	1.1
78-87-5	1,2-Dichloropropane	125		5.0	3.6
541-73-1	1,3-Dichlorobenzene	127		5.0	3.9
106-46-7	1,4-Dichlorobenzene	125		5.0	4.2
78-93-3	2-Butanone (MEK)	651		50	6.6
591-78-6	2-Hexanone	686		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	664		25	11
67-64-1	Acetone	690		50	15
71-43-2	Benzene	122		5.0	2.1
75-27-4	Bromodichloromethane	133		5.0	2.0
75-25-2	Bromoform	133		5.0	1.3
74-83-9	Bromomethane	130		5.0	3.5
75-15-0	Carbon disulfide	123		5.0	0.95
56-23-5	Carbon tetrachloride	153		5.0	1.4
108-90-7	Chlorobenzene	122		5.0	3.8
124-48-1	Dibromochloromethane	133		5.0	1.6
75-00-3	Chloroethane	128		5.0	1.6
67-66-3	Chloroform	124		5.0	1.7
74-87-3	Chloromethane	126		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	243		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	123		5.0	1.8
110-82-7	Cyclohexane	131		5.0	0.90
75-71-8	Dichlorodifluoromethane	130		5.0	3.4
100-41-4	Ethylbenzene	127		5.0	3.7
106-93-4	1,2-Dibromoethane	126		5.0	3.7
98-82-8	Isopropylbenzene	128		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Client Sample ID: MW-4 MSD Lab Sample ID: 480-168458-3 MSD

Matrix: Water Lab File ID: D30288.D

Analysis Method: 8260C Date Collected: 04/09/2020 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/10/2020 22:28

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 525323 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	255		13	6.5
1634-04-4	Methyl tert-butyl ether	131		5.0	0.80
108-87-2	Methylcyclohexane	126		5.0	0.80
75-09-2	Methylene Chloride	121		5.0	2.2
100-42-5	Styrene	130		5.0	3.7
127-18-4	Tetrachloroethene	128		5.0	1.8
108-88-3	Toluene	123		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	127		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	124		5.0	1.9
79-01-6	Trichloroethene	133		5.0	2.3
75-69-4	Trichlorofluoromethane	154		5.0	4.4
75-01-4	Vinyl chloride	135		5.0	4.5
1330-20-7	Xylenes, Total	255		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30288.D
Lims ID: 480-168458-A-3 MSD
Client ID:
Sample Type: MSD
Inject. Date: 10-Apr-2020 22:28:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-168458-A-3 MSD
Misc. Info.: 480-0089479-031
Operator ID: LH Instrument ID: HP5975D

Method: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Apr-2020 11:07:47 Calib Date: 07-Apr-2020 21:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20200407-89373.b\D30118.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: CTXT5

First Level Reviewer: HillL Date: 13-Apr-2020 11:08:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.519	5.532	-0.013	98	123752	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.903	7.915	-0.012	94	276937	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.836	9.842	-0.006	96	287261	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.032	5.033	-0.012	93	195523	25.0	26.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.300	5.306	-0.006	97	109658	25.0	26.6	
$ 5 Toluene-d8 (Surr)	98	6.733	6.734	-0.012	94	627273	25.0	24.5	
$ 6 4-Bromofluorobenzene (Surr	174	8.866	8.859	-0.006	92	218680	25.0	25.2	
10 Dichlorodifluoromethane	85	1.508	1.514	-0.006	99	177687	25.0	26.1	
12 Chloromethane	50	1.727	1.733	-0.006	99	224477	25.0	25.2	
13 Vinyl chloride	62	1.849	1.849	0.000	98	171976	25.0	27.1	
14 Bromomethane	94	2.209	2.221	-0.012	92	111436	25.0	26.0	
15 Chloroethane	64	2.288	2.300	-0.012	95	81822	25.0	25.5	
17 Trichlorofluoromethane	101	2.557	2.569	-0.012	98	237590	25.0	30.8	
21 1,1,2-Trichloro-1,2,2-trif	101	3.044	3.056	-0.012	95	165594	25.0	26.2	
22 1,1-Dichloroethene	96	3.069	3.081	-0.012	92	143986	25.0	25.3	
23 Acetone	43	3.166	3.178	-0.012	98	282848	125.0	138.0	
26 Carbon disulfide	76	3.288	3.300	-0.012	99	462516	25.0	24.7	
27 Methyl acetate	43	3.453	3.459	-0.006	99	323516	50.0	51.0	
30 Methylene Chloride	84	3.575	3.593	-0.018	92	169269	25.0	24.3	
32 Methyl tert-butyl ether	73	3.739	3.751	-0.012	99	432602	25.0	26.2	
34 trans-1,2-Dichloroethene	96	3.764	3.776	-0.012	92	165055	25.0	25.5	
39 1,1-Dichloroethane	63	4.148	4.160	-0.012	97	342906	25.0	25.7	
45 cis-1,2-Dichloroethene	96	4.635	4.647	-0.012	85	351345	25.0	48.6	
43 2-Butanone (MEK)	43	4.660	4.666	-0.006	96	497707	125.0	130.1	
50 Chloroform	83	4.898	4.910	-0.012	96	323375	25.0	24.8	
51 1,1,1-Trichloroethane	97	5.001	5.013	-0.012	97	274664	25.0	28.7	
52 Cyclohexane	56	5.013	5.019	-0.006	94	377935	25.0	26.2	
55 Carbon tetrachloride	117	5.117	5.129	-0.012	97	253562	25.0	30.6	
57 Benzene	78	5.306	5.312	-0.006	96	608899	25.0	24.5	
58 1,2-Dichloroethane	62	5.361	5.367	-0.006	96	283530	25.0	25.8	
62 Trichloroethene	95	5.800	5.812	-0.012	95	189074	25.0	26.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83	5.897	5.904	-0.012	96	269898	25.0	25.2	
65 1,2-Dichloropropane	63	6.001	6.013	-0.012	92	196754	25.0	25.1	
68 Dichlorobromomethane	83	6.227	6.239	-0.012	97	247682	25.0	26.6	
72 cis-1,3-Dichloropropene	75	6.556	6.562	-0.006	91	265424	25.0	24.6	
73 4-Methyl-2-pentanone (MIBK	43	6.653	6.649	-0.006	98	1137413	125.0	132.8	
74 Toluene	92	6.787	6.789	-0.012	97	416218	25.0	24.5	
77 trans-1,3-Dichloropropene	75	6.995	6.996	-0.012	96	253644	25.0	24.9	
79 1,1,2-Trichloroethane	83	7.153	7.154	-0.012	94	133791	25.0	24.8	
81 Tetrachloroethene	166	7.208	7.209	-0.012	95	194350	25.0	25.6	
80 2-Hexanone	43	7.306	7.306	-0.012	99	814097	125.0	137.3	
83 Chlorodibromomethane	129	7.476	7.477	-0.012	90	211710	25.0	26.6	
84 Ethylene Dibromide	107	7.574	7.568	-0.006	99	179937	25.0	25.3	
87 Chlorobenzene	112	7.927	7.927	-0.012	96	503447	25.0	24.5	
88 Ethylbenzene	91	7.982	7.976	-0.006	98	818004	25.0	25.3	
90 m-Xylene & p-Xylene	106	8.074	8.067	-0.006	99	313674		25.3	
91 o-Xylene	106	8.409	8.402	-0.006	98	309665		25.7	
92 Styrene	104	8.427	8.426	-0.012	94	534445	25.0	26.1	
95 Bromoform	173	8.647	8.646	-0.012	96	130945	25.0	26.5	
94 Isopropylbenzene	105	8.690	8.696	-0.012	96	823028	25.0	25.7	
97 1,1,2,2-Tetrachloroethane	83	9.007	9.013	-0.012	96	222220	25.0	24.7	
111 1,3-Dichlorobenzene	146	9.781	9.781	-0.006	98	439672	25.0	25.3	
113 1,4-Dichlorobenzene	146	9.854	9.860	-0.012	96	441158	25.0	25.0	
116 1,2-Dichlorobenzene	146	10.183	10.189	-0.012	98	424802	25.0	25.1	
117 1,2-Dibromo-3-Chloropropan	75	10.872	10.871	-0.006	83	39173	25.0	27.3	
119 1,2,4-Trichlorobenzene	180	11.506	11.511	-0.012	95	311760	25.0	27.1	
S 124 Xylenes, Total	1				0			51.0	

Reagents:

8260 CORP mix_00183	Amount Added: 12.50	Units: uL	
GAS CORP mix_00393	Amount Added: 12.50	Units: uL	
D 8260 IS/SUR_00012	Amount Added: 1.00	Units: uL	Run Reagent

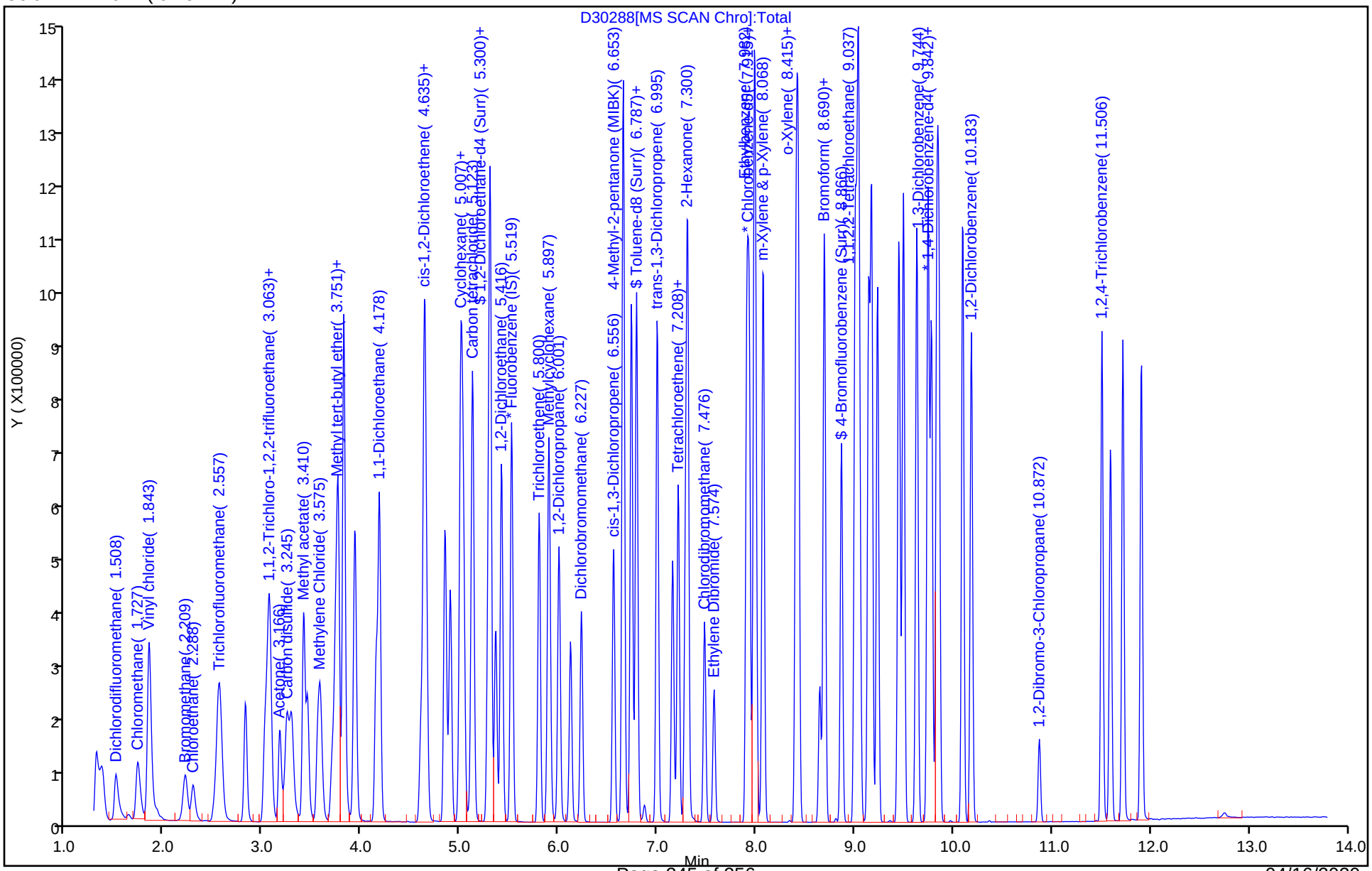
Report Date: 13-Apr-2020 11:08:13 Chrom Revision: 2.3 11-Mar-2020 18:53:20

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20200410-89479.b\D30288.D

Injection Date:	10-Apr-2020 22:28:30	Instrument ID:	HP5975D	Operator ID:	LH
Lims ID:	480-168458-A-3 MSD			Worklist Smp#:	31
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	30
Method:	D-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Instrument ID: HP5975D Start Date: 04/07/2020 13:55

Analysis Batch Number: 524669 End Date: 04/07/2020 21:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-524669/7		04/07/2020 13:55	1	D30098.D	ZB-624 (20) 0.18(mm)
IC 480-524669/9		04/07/2020 14:46	1	D30100.D	ZB-624 (20) 0.18(mm)
IC 480-524669/10		04/07/2020 15:09	1	D30101.D	ZB-624 (20) 0.18(mm)
IC 480-524669/11		04/07/2020 15:32	1	D30102.D	ZB-624 (20) 0.18(mm)
IC 480-524669/12		04/07/2020 15:56	1	D30103.D	ZB-624 (20) 0.18(mm)
IC 480-524669/13		04/07/2020 16:19	1	D30104.D	ZB-624 (20) 0.18(mm)
ICIS 480-524669/14		04/07/2020 16:42	1	D30105.D	ZB-624 (20) 0.18(mm)
IC 480-524669/15		04/07/2020 17:05	1	D30106.D	ZB-624 (20) 0.18(mm)
IC 480-524669/16		04/07/2020 17:28	1	D30107.D	ZB-624 (20) 0.18(mm)
IC 480-524669/21		04/07/2020 19:24	1		ZB-624 (20) 0.18(mm)
IC 480-524669/22		04/07/2020 19:47	1		ZB-624 (20) 0.18(mm)
IC 480-524669/23		04/07/2020 20:11	1		ZB-624 (20) 0.18(mm)
IC 480-524669/24		04/07/2020 20:34	1		ZB-624 (20) 0.18(mm)
IC 480-524669/25		04/07/2020 20:57	1		ZB-624 (20) 0.18(mm)
IC 480-524669/26		04/07/2020 21:20	1		ZB-624 (20) 0.18(mm)
IC 480-524669/27		04/07/2020 21:44	1		ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Instrument ID: HP5975D Start Date: 04/08/2020 13:07

Analysis Batch Number: 524885 End Date: 04/09/2020 00:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-524885/4		04/08/2020 13:07	1	D30128.D	ZB-624 (20) 0.18(mm)
CCVIS 480-524885/5		04/08/2020 13:36	1		ZB-624 (20) 0.18(mm)
CCV 480-524885/6		04/08/2020 14:10	1		ZB-624 (20) 0.18(mm)
ICV 480-524885/7		04/08/2020 14:56	1	D30132.D	ZB-624 (20) 0.18(mm)
ICV 480-524885/8		04/08/2020 15:19	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 15:43	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 16:33	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 17:49	20		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 18:12	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 18:35	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 18:58	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 19:21	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 19:45	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 20:08	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 20:31	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 20:54	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 21:17	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 21:40	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 22:04	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 22:27	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 22:51	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 23:14	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/08/2020 23:37	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/09/2020 00:00	20		ZB-624 (20) 0.18(mm)
ZZZZZ		04/09/2020 00:23	20		ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Instrument ID: HP5975D Start Date: 04/10/2020 10:55

Analysis Batch Number: 525323 End Date: 04/10/2020 22:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-525323/2		04/10/2020 10:55	1	D30259.D	ZB-624 (20) 0.18(mm)
CCVIS 480-525323/3		04/10/2020 11:16	1	D30260.D	ZB-624 (20) 0.18(mm)
CCV 480-525323/4		04/10/2020 11:48	1		ZB-624 (20) 0.18(mm)
LCS 480-525323/5		04/10/2020 12:11	1	D30262.D	ZB-624 (20) 0.18(mm)
RL 480-525323/6		04/10/2020 12:47	1		ZB-624 (20) 0.18(mm)
MB 480-525323/8		04/10/2020 13:39	1	D30265.D	ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 14:02	5		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 14:26	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 14:48	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 15:11	8		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 15:34	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 15:57	4		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 16:20	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 16:43	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 17:06	1		ZB-624 (20) 0.18(mm)
480-168458-1		04/10/2020 17:29	1	D30275.D	ZB-624 (20) 0.18(mm)
480-168458-2		04/10/2020 17:52	1	D30276.D	ZB-624 (20) 0.18(mm)
480-168458-3		04/10/2020 18:15	5	D30277.D	ZB-624 (20) 0.18(mm)
480-168458-4		04/10/2020 18:38	1	D30278.D	ZB-624 (20) 0.18(mm)
480-168458-5		04/10/2020 19:01	1	D30279.D	ZB-624 (20) 0.18(mm)
480-168458-6		04/10/2020 19:24	1	D30280.D	ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 19:47	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 20:33	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 20:56	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 21:19	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/10/2020 21:42	1		ZB-624 (20) 0.18(mm)
480-168458-3 MS		04/10/2020 22:06	5	D30287.D	ZB-624 (20) 0.18(mm)
480-168458-3 MSD		04/10/2020 22:28	5	D30288.D	ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Instrument ID: HP5975D Start Date: 04/13/2020 11:19

Analysis Batch Number: 525580 End Date: 04/13/2020 22:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-525580/3		04/13/2020 11:19	1	D30326.D	ZB-624 (20) 0.18(mm)
CCVIS 480-525580/4		04/13/2020 11:45	1	D30327.D	ZB-624 (20) 0.18(mm)
CCV 480-525580/5		04/13/2020 12:16	1		ZB-624 (20) 0.18(mm)
LCS 480-525580/6		04/13/2020 12:39	1	D30329.D	ZB-624 (20) 0.18(mm)
RL 480-525580/7		04/13/2020 13:10	1		ZB-624 (20) 0.18(mm)
MB 480-525580/9		04/13/2020 13:34	1	D30331.D	ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 14:05	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 14:29	20		ZB-624 (20) 0.18(mm)
480-168458-5 DL		04/13/2020 14:52	4	D30334.D	ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 15:15	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 15:38	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 16:01	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 16:25	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 16:48	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 17:11	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 17:34	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 17:57	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 18:21	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 18:44	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 19:08	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 19:31	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 19:54	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 20:18	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 20:41	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 21:04	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 21:27	1		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 21:50	20		ZB-624 (20) 0.18(mm)
ZZZZZ		04/13/2020 22:13	20		ZB-624 (20) 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Batch Number: 524885 Batch Start Date: 04/08/20 13:07 Batch Analyst: LaPointe, Cody R

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	BFB_WRK 00102	D 8260 IS/SUR 00012	SS 8260 CORP 00083	SS GAS CORP 00346
BFB 480-524885/4		8260C		1 uL	1 uL	1 uL			
ICV 480-524885/7		8260C		5 mL	5 mL		1 uL	12.5 uL	12.5 uL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Batch Number: 525323 Batch Start Date: 04/10/20 10:55 Batch Analyst: Hill, Leah C

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00183	BFB_WRK 00102	D 8260 IS/SUR 00012
BFB 480-525323/2		8260C		1 uL	1 uL			1 uL	
CCVIS 480-525323/3		8260C		5 mL	5 mL		12.5 uL		1 uL
LCS 480-525323/5		8260C		5 mL	5 mL		12.5 uL		1 uL
MB 480-525323/8		8260C		5 mL	5 mL				1 uL
480-168458-A-1	MW-2	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-168458-A-2	MW-3	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-168458-A-3	MW-4	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-168458-A-4	MW-5	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-168458-A-5	MW-6R	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-168458-A-6	MW-8	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-168458-A-3 MS	MW-4	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		1 uL
480-168458-A-3 MSD	MW-4	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS CORP mix 00393	AnalysisComment				
BFB 480-525323/2		8260C							
CCVIS 480-525323/3		8260C		12.5 uL					
LCS 480-525323/5		8260C		12.5 uL					
MB 480-525323/8		8260C							
480-168458-A-1	MW-2	8260C	T						
480-168458-A-2	MW-3	8260C	T						
480-168458-A-3	MW-4	8260C	T		Hx target				
480-168458-A-4	MW-5	8260C	T						
480-168458-A-5	MW-6R	8260C	T						
480-168458-A-6	MW-8	8260C	T		RA DL @ 4X				
480-168458-A-3 MS	MW-4	8260C	T	12.5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Batch Number: 525323 Batch Start Date: 04/10/20 10:55 Batch Analyst: Hill, Leah C

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS CORP mix 00393	AnalysisComment				
480-168458-A-3 MSD	MW-4	8260C	T	12.5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Batch Number: 525580 Batch Start Date: 04/13/20 11:19 Batch Analyst: LaPointe, Cody R

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00183	BFB_WRK 00102	D 8260 IS/SUR 00012
BFB 480-525580/3		8260C		1 uL	1 uL			1 uL	
CCVIS 480-525580/4		8260C		5 mL	5 mL		12.5 uL		1 uL
LCS 480-525580/6		8260C		5 mL	5 mL		12.5 uL		1 uL
MB 480-525580/9		8260C		5 mL	5 mL				1 uL
480-168458-B-5	MW-6R	8260C	T	5 mL	5 mL	<2 SU			1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS CORP mix 00394					
BFB 480-525580/3		8260C							
CCVIS 480-525580/4		8260C		12.5 uL					
LCS 480-525580/6		8260C		12.5 uL					
MB 480-525580/9		8260C							
480-168458-B-5	MW-6R	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Albany #224

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Brian Neumann	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No:
Client Contact: Brian Neumann	Phone: 518-441-1520	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Precision Environmental Services Inc.				Job #:
Address: 831 State Route 67 Ste 38	Due Date Requested:			
City: Ballston Spa	TAT Requested (days): Standard			
State, Zip: NY, 12020				
Phone: 518-885-4399	PO #: CallOut ID: 129707			
Email: bneumann@pesnyinc.com	WO #:			
Project Name: Fmr RKO Dry Cleaners, Site No.401065	Project #:			
Site: Ontario and Washington, Albany, NY	SSOW#:			

Analysis Requested

480-168458 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 TCL	Total Number of cont.	Special Instructions/Note:
			Preservation Code:				A		
MW-1			G	W			X	3	
MW-2	4-9-2020	13:00	G	W			X	3	
MW-3	4/9/2020	10:50	G	W			X	3	
MW-4	4/9/2020	10:00	G	W			X	3	
MW-5	4/9/2020	9:15	G	W			X	3	
MW-6R	4/9/2020	14:15	G	W			X	3	
MW-8	4/9/2020	11:36	G	W			X	3	

RL 4/9/20

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) — PES service center drop off

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 4-9-20	Time:	Method of Shipment:	
Relinquished by:	Date/Time: 4-9-20 1445	Company PES	Received by:	Date/Time: 4/9/20 1445	Company
Relinquished by:	Date/Time: 4/9/20 1200	Company	Received by:	Date/Time: 4/10/20 0800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #2 2.9

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 480-168458-1

Login Number: 168458 **List Source: Eurofins TestAmerica, Buffalo**
List Number: 1
Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
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	2.9 #2 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	PRECISION
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Attachment C-
DUSR

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Geology
Hydrology
Remediation
Water Supply

June 8, 2020

Mr. Brian Neumann
Project Manager
Precision Environmental Services, Inc.
Curtis Industrial Park
831 Rt. 67, Lot 38A.
Ballston Spa, New York 12020

Re: Data Usability Summary Report
Former RKO Dry Cleaners #401065
April 2020 Ground Water Event

Dear Mr. Neumann:

The data usability summary report and data validation summary are attached to this letter for the former RKO Dry Cleaners, April 2020 ground water event. The data for Eurofins TestAmerica-Buffalo, job number 480-168458-1 were acceptable with some minor issues identified in the validation summaries. There were no data that were qualified unusable (R) in the data packs.

A list of common data validation acronyms and data validation qualifers are attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Precision Environmental Services, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

z:\projects\2018\18600-18620\18616-rko cleaners\2020\rko cleaners-201.ltr.docx

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report (DUSR) for
TestAmerica Buffalo, Job Number: 480-168458-1

6 Ground Water Samples
Collected April 9, 2020

Prepared by: Donald Anné
June 8, 2020

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contained the results for 6 ground water samples analyzed for volatiles only.

The overall performances of the analyses are acceptable. Eurofins TestAmerica-Buffalo did fulfill the requirements of the laboratory referenced analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The volatile results for cis-1,2-dichloroethene and trichloroethene in sample MW-6R were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for cis-1,2-dichloroethene and trichloroethene marked "E" in the undiluted sample MW-6R were qualified as estimated (J).

All data are considered usable with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

z:\projects\2018\18600-18620\18616-rko cleaners\2020\480-168458-1.dus.docx

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for
Eurofins TestAmerica-Buffalo, Job No: 480-168458-1

6 Ground Water Samples
Collected April 9, 2020

Prepared by: Donald Anné
June 8, 2020

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums and the %RSDs were below the method maximum, as required.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for trichlorofluoromethane and carbon tetrachloride were above the method maximum on 04-10-20 (D30260.D). The %Ds for dichlorodifluoromethane, trichlorofluoromethane, acetone, and carbon tetrachloride were above the method maximum on 04-13-20 (D30327.D). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration.

The associated RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for trichlorofluoromethane and carbon tetrachloride were above the allowable maximum (20%) on 04-10-20 (D30260.D). The %Ds for dichlorodifluoromethane, trichlorofluoromethane, acetone, and carbon tetrachloride were above the allowable maximum (20%) on 04-13-20 (D30327.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Surrogate Recovery: The surrogate recoveries were with control limits for the ground water samples and trip blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-4.

Laboratory Control Sample: The percent recoveries for target compounds were within QC limits for aqueous samples LCS 480-525323/5 and LCS 460-525580/6.

Compound ID: Checked compounds and surrogates were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for cis-1,2-dichloroethene and trichloroethene in sample MW-6R were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the results that are flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted results for cis-1,2-dichloroethene and trichloroethene is recommended for sample MW-6R DL. It is recommended that the undiluted results be used for all other compounds.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525323/3 Calibration Date: 04/10/2020 11:16

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.587	0.1000	28.8	25.0	15.2	50.0
Chloromethane	Ave	1.798	1.954	0.1000	27.2	25.0	8.7	20.0
Butadiene	Ave	1.212	1.470		30.3	25.0	21.3*NA	20.0
Vinyl chloride	Lin1		1.403	0.1000	27.3	25.0	9.3	20.0
Bromomethane	Ave	0.8672	0.9667	0.1000	27.9	25.0	11.5	50.0
Chloroethane	Ave	0.6471	0.6928	0.1000	26.8	25.0	7.1	50.0
Dichlorofluoromethane	Ave	1.711	1.967		28.7	25.0	15.0	20.0
Trichlorofluoromethane	Ave	1.559	2.047	0.1000	32.8	25.0	31.3*	20.0
Ethyl ether	Ave	1.242	1.331		26.8	25.0	7.2	20.0
Acrolein	Ave	0.0826	0.1393		211	125	68.5*NA	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.481	0.1000	29.0	25.0	16.0	20.0
1,1-Dichloroethene	Ave	1.149	1.261	0.1000	27.4	25.0	9.7	20.0
Acetone	Ave	0.4142	0.4008	0.1000	121	125	-3.2	50.0
Iodomethane	Ave	2.539	2.752		27.1	25.0	8.4	20.0
Carbon disulfide	Ave	3.789	4.152	0.1000	27.4	25.0	9.6	20.0
Allyl chloride	Ave	2.906	3.226		27.7	25.0	11.0	20.0
Methyl acetate	Ave	1.281	1.352	0.1000	52.8	50.0	5.5	50.0
Methylene Chloride	Lin1		1.426	0.1000	25.3	25.0	1.3	20.0
2-Methyl-2-propanol	Ave	0.1184	0.0984		208	250	-17.0	50.0
Methyl tert-butyl ether	Ave	3.340	3.568	0.1000	26.7	25.0	6.8	20.0
trans-1,2-Dichloroethene	Ave	1.309	1.397	0.1000	26.7	25.0	6.7	20.0
Acrylonitrile	Ave	0.5951	0.6158		259	250	3.5	20.0
Hexane	Lin1		2.838		29.4	25.0	17.8	20.0
1,1-Dichloroethane	Ave	2.691	2.900	0.2000	26.9	25.0	7.8	20.0
Vinyl acetate	Ave	3.635	3.948		54.3	50.0	8.6	20.0
2,2-Dichloropropane	Ave	1.210	1.351		27.9	25.0	11.6	20.0
cis-1,2-Dichloroethene	Ave	1.461	1.553	0.1000	26.6	25.0	6.3	20.0
2-Butanone (MEK)	Ave	0.7726	0.7464	0.1000	121	125	-3.4	20.0
Chlorobromomethane	Ave	0.8232	0.8634		26.2	25.0	4.9	20.0
Tetrahydrofuran	Ave	0.5507	0.5360		48.7	50.0	-2.7	20.0
Chloroform	Ave	2.637	2.703	0.2000	25.6	25.0	2.5	20.0
1,1,1-Trichloroethane	Ave	1.930	2.254	0.1000	29.2	25.0	16.7	20.0
Cyclohexane	Lin1		3.275	0.1000	28.1	25.0	12.3	20.0
Carbon tetrachloride	Lin1		2.116	0.1000	31.5	25.0	26.2*	20.0
1,1-Dichloropropene	Ave	1.753	1.979		28.2	25.0	12.9	20.0
Isobutyl alcohol	Ave	0.0641	0.0487		475	625	-24.0NA	50.0
Benzene	Ave	5.026	5.122	0.5000	25.5	25.0	1.9	20.0
1,2-Dichloroethane	Ave	2.219	2.285	0.1000	25.7	25.0	3.0	20.0
n-Heptane	Lin1		3.549		29.9	25.0	19.4	20.0
Trichloroethene	Ave	1.435	1.574	0.2000	27.4	25.0	9.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525323/3 Calibration Date: 04/10/2020 11:16

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30260.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
Methylcyclohexane	Lin1		2.406	0.1000	27.8	25.0	11.1	20.0
1,2-Dichloropropane	Ave	1.584	1.654	0.1000	26.1	25.0	4.5	20.0
1,4-Dioxane	Ave	0.0030	0.0020		336	500	-32.8NA	50.0
Dibromomethane	Ave	0.9339	0.9877	0.1000	26.4	25.0	5.8	20.0
Bromodichloromethane	Ave	1.879	2.065	0.2000	27.5	25.0	9.9	20.0
2-Chloroethyl vinyl ether	Ave	0.9605	1.031		26.8	25.0	7.4	20.0
cis-1,3-Dichloropropene	Ave	2.177	2.299	0.2000	26.4	25.0	5.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7734	0.8104	0.1000	131	125	4.8	20.0
Toluene	Ave	1.533	1.568	0.4000	25.6	25.0	2.3	20.0
Ethyl methacrylate	Ave	0.6751	0.7158		26.5	25.0	6.0	20.0
trans-1,3-Dichloropropene	Ave	0.9210	0.9758	0.1000	26.5	25.0	5.9	20.0
1,1,2-Trichloroethane	Ave	0.4875	0.4845	0.1000	24.8	25.0	-0.6	20.0
Tetrachloroethene	Ave	0.6847	0.7405	0.2000	27.0	25.0	8.1	20.0
1,3-Dichloropropane	Ave	0.9045	0.9176		25.4	25.0	1.4	20.0
2-Hexanone	Ave	0.5354	0.5729	0.1000	134	125	7.0	20.0
Dibromochloromethane	Ave	0.7196	0.7874	0.1000	27.4	25.0	9.4	20.0
1,2-Dibromoethane	Ave	0.6424	0.6596		25.7	25.0	2.7	20.0
Chlorobenzene	Ave	1.859	1.867	0.5000	25.1	25.0	0.4	20.0
Ethylbenzene	Ave	2.914	3.064	0.1000	26.3	25.0	5.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6487	0.7158		27.6	25.0	10.3	20.0
m,p-Xylene	Ave	1.119	1.188	0.1000	26.6	25.0	6.3	20.0
o-Xylene	Ave	1.089	1.154	0.3000	26.5	25.0	5.9	20.0
Styrene	Ave	1.850	2.003	0.3000	27.1	25.0	8.3	20.0
Bromoform	Ave	0.4457	0.5186	0.1000	29.1	25.0	16.3	50.0
Isopropylbenzene	Ave	2.789	3.073	0.1000	27.5	25.0	10.2	20.0
Bromobenzene	Ave	0.8517	0.8706		25.6	25.0	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7820	0.7686	0.3000	24.6	25.0	-1.7	20.0
N-Propylbenzene	Ave	3.403	3.741		27.5	25.0	9.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2832	0.3232		28.5	25.0	14.1	50.0
1,2,3-Trichloropropane	Ave	0.2177	0.2196		25.2	25.0	0.9	20.0
2-Chlorotoluene	Ave	0.7071	0.7684		27.2	25.0	8.7	20.0
1,3,5-Trimethylbenzene	Ave	2.360	2.632		27.9	25.0	11.5	20.0
4-Chlorotoluene	Ave	0.7444	0.7937		26.7	25.0	6.6	20.0
tert-Butylbenzene	Ave	0.4719	0.5284		28.0	25.0	12.0	20.0
1,2,4-Trimethylbenzene	Ave	2.413	2.637		27.3	25.0	9.3	20.0
sec-Butylbenzene	Ave	2.964	3.385		28.5	25.0	14.2	20.0
4-Isopropyltoluene	Ave	2.535	2.891		28.5	25.0	14.1	20.0
1,3-Dichlorobenzene	Ave	1.510	1.591	0.6000	26.4	25.0	5.4	20.0
1,4-Dichlorobenzene	Ave	1.537	1.599	0.5000	26.0	25.0	4.0	20.0
n-Butylbenzene	Ave	2.315	2.712		29.3	25.0	17.1	20.0
1,2-Dichlorobenzene	Ave	1.473	1.538	0.4000	26.1	25.0	4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525323/3 Calibration Date: 04/10/2020 11:16

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30260.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1315	0.0500	26.3	25.0	5.2	50.0
1,2,4-Trichlorobenzene	Ave	1.001	1.106	0.2000	27.6	25.0	10.5	20.0
Hexachlorobutadiene	Lin1		0.5505		26.7	25.0	6.7	20.0
Naphthalene	Ave	2.395	2.548		26.6	25.0	6.4	20.0
1,2,3-Trichlorobenzene	Ave	0.9596	1.036		27.0	25.0	7.9	20.0
Dibromofluoromethane (Surr)	Ave	1.521	1.560		25.6	25.0	2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8342	0.8755		26.2	25.0	4.9	20.0
Toluene-d8 (Surr)	Ave	2.315	2.254		24.3	25.0	-2.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7829	0.7816		25.0	25.0	-0.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525580/4 Calibration Date: 04/13/2020 11:45

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30327.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.681	0.1000	30.5	25.0	22.0	50.0
Chloromethane	Ave	1.798	2.081	0.1000	28.9	25.0	15.7	20.0
Butadiene	Ave	1.212	1.592		32.8	25.0	31.4*NA	20.0
Vinyl chloride	Lin1		1.440	0.1000	28.0	25.0	12.1	20.0
Bromomethane	Ave	0.8672	0.9536	0.1000	27.5	25.0	10.0	50.0
Chloroethane	Ave	0.6471	0.7315	0.1000	28.3	25.0	13.0	50.0
Dichlorofluoromethane	Ave	1.711	1.988		29.1	25.0	16.2	20.0
Trichlorofluoromethane	Ave	1.559	2.073	0.1000	33.2	25.0	33.0*	20.0
Ethyl ether	Ave	1.242	1.301		26.2	25.0	4.7	20.0
Acrolein	Ave	0.0826	0.1874		283	125	126.7*NA	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.412	0.1000	27.7	25.0	10.6	20.0
1,1-Dichloroethene	Ave	1.149	1.226	0.1000	26.7	25.0	6.7	20.0
Acetone	Ave	0.4142	0.5107	0.1000	154	125	23.3	50.0
Iodomethane	Ave	2.539	2.583		25.4	25.0	1.7	20.0
Carbon disulfide	Ave	3.789	3.895	0.1000	25.7	25.0	2.8	20.0
Allyl chloride	Ave	2.906	3.147		27.1	25.0	8.3	20.0
Methyl acetate	Ave	1.281	1.410	0.1000	55.0	50.0	10.0	50.0
Methylene Chloride	Lin1		1.384	0.1000	24.6	25.0	-1.7	20.0
2-Methyl-2-propanol	Ave	0.1184	0.1649		348	250	39.2NA	50.0
Methyl tert-butyl ether	Ave	3.340	3.489	0.1000	26.1	25.0	4.4	20.0
trans-1,2-Dichloroethene	Ave	1.309	1.362	0.1000	26.0	25.0	4.1	20.0
Acrylonitrile	Ave	0.5951	0.6647		279	250	11.7	20.0
Hexane	Lin1		2.773		28.8	25.0	15.1	20.0
1,1-Dichloroethane	Ave	2.691	2.827	0.2000	26.3	25.0	5.1	20.0
Vinyl acetate	Ave	3.635	4.104		56.5	50.0	12.9	20.0
2,2-Dichloropropane	Ave	1.210	1.318		27.2	25.0	8.9	20.0
cis-1,2-Dichloroethene	Ave	1.461	1.488	0.1000	25.4	25.0	1.8	20.0
2-Butanone (MEK)	Ave	0.7726	0.8668	0.1000	140	125	12.2	20.0
Chlorobromomethane	Ave	0.8232	0.8439		25.6	25.0	2.5	20.0
Tetrahydrofuran	Ave	0.5507	0.5916		53.7	50.0	7.4	20.0
Chloroform	Ave	2.637	2.624	0.2000	24.9	25.0	-0.5	20.0
1,1,1-Trichloroethane	Ave	1.930	2.144	0.1000	27.8	25.0	11.0	20.0
Cyclohexane	Lin1		3.152	0.1000	27.0	25.0	8.1	20.0
Carbon tetrachloride	Lin1		2.164	0.1000	32.2	25.0	28.9*	20.0
1,1-Dichloropropene	Ave	1.753	1.913		27.3	25.0	9.1	20.0
Isobutyl alcohol	Ave	0.0641	0.0828		807	625	29.1NA	50.0
Benzene	Ave	5.026	5.035	0.5000	25.0	25.0	0.2	20.0
1,2-Dichloroethane	Ave	2.219	2.285	0.1000	25.7	25.0	3.0	20.0
n-Heptane	Lin1		3.417		28.8	25.0	15.1	20.0
Trichloroethene	Ave	1.435	1.506	0.2000	26.2	25.0	5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525580/4 Calibration Date: 04/13/2020 11:45

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30327.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
Methylcyclohexane	Lin1		2.327	0.1000	26.9	25.0	7.5	20.0
1,2-Dichloropropane	Ave	1.584	1.581	0.1000	25.0	25.0	-0.2	20.0
1,4-Dioxane	Ave	0.0030	0.0040		672	500	34.4NA	50.0
Dibromomethane	Ave	0.9339	0.9552	0.1000	25.6	25.0	2.3	20.0
Bromodichloromethane	Ave	1.879	2.000	0.2000	26.6	25.0	6.4	20.0
2-Chloroethyl vinyl ether	Ave	0.9605	0.9799		25.5	25.0	2.0	20.0
cis-1,3-Dichloropropene	Ave	2.177	2.234	0.2000	25.7	25.0	2.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7734	0.8384	0.1000	136	125	8.4	20.0
Toluene	Ave	1.533	1.542	0.4000	25.1	25.0	0.6	20.0
Ethyl methacrylate	Ave	0.6751	0.7044		26.1	25.0	4.4	20.0
trans-1,3-Dichloropropene	Ave	0.9210	0.9630	0.1000	26.1	25.0	4.6	20.0
1,1,2-Trichloroethane	Ave	0.4875	0.4789	0.1000	24.6	25.0	-1.8	20.0
Tetrachloroethene	Ave	0.6847	0.7280	0.2000	26.6	25.0	6.3	20.0
1,3-Dichloropropane	Ave	0.9045	0.8852		24.5	25.0	-2.1	20.0
2-Hexanone	Ave	0.5354	0.5758	0.1000	134	125	7.6	20.0
Dibromochloromethane	Ave	0.7196	0.7658	0.1000	26.6	25.0	6.4	20.0
1,2-Dibromoethane	Ave	0.6424	0.6498		25.3	25.0	1.1	20.0
Chlorobenzene	Ave	1.859	1.807	0.5000	24.3	25.0	-2.8	20.0
Ethylbenzene	Ave	2.914	2.921	0.1000	25.1	25.0	0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6487	0.6975		26.9	25.0	7.5	20.0
m,p-Xylene	Ave	1.119	1.124	0.1000	25.1	25.0	0.5	20.0
o-Xylene	Ave	1.089	1.109	0.3000	25.5	25.0	1.8	20.0
Styrene	Ave	1.850	1.908	0.3000	25.8	25.0	3.1	20.0
Bromoform	Ave	0.4457	0.4772	0.1000	26.8	25.0	7.1	50.0
Isopropylbenzene	Ave	2.789	2.984	0.1000	26.7	25.0	7.0	20.0
Bromobenzene	Ave	0.8517	0.8403		24.7	25.0	-1.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7820	0.7614	0.3000	24.3	25.0	-2.6	20.0
N-Propylbenzene	Ave	3.403	3.608		26.5	25.0	6.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2832	0.2888		25.5	25.0	2.0	50.0
1,2,3-Trichloropropane	Ave	0.2177	0.2129		24.5	25.0	-2.2	20.0
2-Chlorotoluene	Ave	0.7071	0.7455		26.4	25.0	5.4	20.0
1,3,5-Trimethylbenzene	Ave	2.360	2.572		27.2	25.0	9.0	20.0
4-Chlorotoluene	Ave	0.7444	0.7717		25.9	25.0	3.7	20.0
tert-Butylbenzene	Ave	0.4719	0.5162		27.3	25.0	9.4	20.0
1,2,4-Trimethylbenzene	Ave	2.413	2.613		27.1	25.0	8.3	20.0
sec-Butylbenzene	Ave	2.964	3.307		27.9	25.0	11.6	20.0
4-Isopropyltoluene	Ave	2.535	2.856		28.2	25.0	12.7	20.0
1,3-Dichlorobenzene	Ave	1.510	1.518	0.6000	25.1	25.0	0.6	20.0
1,4-Dichlorobenzene	Ave	1.537	1.556	0.5000	25.3	25.0	1.2	20.0
n-Butylbenzene	Ave	2.315	2.638		28.5	25.0	13.9	20.0
1,2-Dichlorobenzene	Ave	1.473	1.503	0.4000	25.5	25.0	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-168458-1

SDG No.:

Lab Sample ID: CCVIS 480-525580/4 Calibration Date: 04/13/2020 11:45

Instrument ID: HP5975D Calib Start Date: 04/07/2020 14:46

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 04/07/2020 17:28

Lab File ID: D30327.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1393	0.0500	27.9	25.0	11.5	50.0
1,2,4-Trichlorobenzene	Ave	1.001	1.105	0.2000	27.6	25.0	10.5	20.0
Hexachlorobutadiene	Lin1		0.5447		26.4	25.0	5.6	20.0
Naphthalene	Ave	2.395	2.563		26.8	25.0	7.0	20.0
1,2,3-Trichlorobenzene	Ave	0.9596	1.055		27.5	25.0	10.0	20.0
Dibromofluoromethane (Surr)	Ave	1.521	1.561		25.7	25.0	2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8342	0.8814		26.4	25.0	5.6	20.0
Toluene-d8 (Surr)	Ave	2.315	2.305		24.9	25.0	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7829	0.7753		24.8	25.0	-1.0	20.0

Client Sample ID: MW-2
Date Collected: 04/09/20 13:00
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 17:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 17:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 17:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 17:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 17:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 17:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 17:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 17:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 17:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 17:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 17:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 17:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 17:29	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 17:29	1
Acetone	ND		10	3.0	ug/L			04/10/20 17:29	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 17:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 17:29	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 17:29	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 17:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 17:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 17:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 17:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 17:29	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 17:29	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 17:29	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 17:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/10/20 17:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 17:29	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 17:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 17:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 17:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 17:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 17:29	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 17:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 17:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 17:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 17:29	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 17:29	1
Tetrachloroethene	**13**		1.0	0.36	ug/L			04/10/20 17:29	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 17:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 17:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 17:29	1
Trichloroethene	ND		1.0	0.46	ug/L			04/10/20 17:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 17:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 17:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 17:29	1

Client Sample ID: MW-2
Lab Sample ID: 480-168458-1

Date Collected: 04/09/20 13:00
Matrix: Water
Date Received: 04/10/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/10/20 17:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*04/10/20 17:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/10/20 17:29*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/10/20 17:29*	*1*

Client Sample ID: MW-3
Lab Sample ID: 480-168458-2

Date Collected: 04/09/20 10:50
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 17:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 17:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 17:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 17:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 17:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 17:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 17:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 17:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 17:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 17:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 17:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 17:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 17:52	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 17:52	1
Acetone	ND		10	3.0	ug/L			04/10/20 17:52	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 17:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 17:52	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 17:52	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 17:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 17:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 17:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 17:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 17:52	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 17:52	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 17:52	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 17:52	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.81	ug/L			04/10/20 17:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 17:52	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 17:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 17:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 17:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 17:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 17:52	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 17:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 17:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 17:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 17:52	1

Client Sample ID: MW-3
Lab Sample ID: 480-168458-2

Date Collected: 04/09/20 10:50
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			04/10/20 17:52	1
Tetrachloroethene	**35**		1.0	0.36	ug/L			04/10/20 17:52	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 17:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 17:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 17:52	1
Trichloroethene	**5.5**		1.0	0.46	ug/L			04/10/20 17:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 17:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 17:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/10/20 17:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*04/10/20 17:52*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/10/20 17:52*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/10/20 17:52*	*1*

Client Sample ID: MW-4
Lab Sample ID: 480-168458-3

Date Collected: 04/09/20 10:00
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			04/10/20 18:15	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/10/20 18:15	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/10/20 18:15	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/10/20 18:15	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/10/20 18:15	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/10/20 18:15	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/10/20 18:15	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/10/20 18:15	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/10/20 18:15	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/10/20 18:15	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/10/20 18:15	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/10/20 18:15	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/10/20 18:15	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/10/20 18:15	5
2-Hexanone	ND		25	6.2	ug/L			04/10/20 18:15	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/10/20 18:15	5
Acetone	ND		50	15	ug/L			04/10/20 18:15	5
Benzene	ND		5.0	2.1	ug/L			04/10/20 18:15	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/10/20 18:15	5
Bromoform	ND		5.0	1.3	ug/L			04/10/20 18:15	5
Bromomethane	ND		5.0	3.5	ug/L			04/10/20 18:15	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/10/20 18:15	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/10/20 18:15	5
Chlorobenzene	ND		5.0	3.8	ug/L			04/10/20 18:15	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/10/20 18:15	5
Chloroethane	ND		5.0	1.6	ug/L			04/10/20 18:15	5
Chloroform	ND		5.0	1.7	ug/L			04/10/20 18:15	5
Chloromethane	ND		5.0	1.8	ug/L			04/10/20 18:15	5

Client Sample ID: MW-4
Lab Sample ID: 480-168458-3
Date Collected: 04/09/20 10:00
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**130**		5.0	4.1	ug/L			04/10/20 18:15	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/10/20 18:15	5
Cyclohexane	ND		5.0	0.90	ug/L			04/10/20 18:15	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/10/20 18:15	5
Ethylbenzene	ND		5.0	3.7	ug/L			04/10/20 18:15	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/10/20 18:15	5
Isopropylbenzene	ND		5.0	4.0	ug/L			04/10/20 18:15	5
Methyl acetate	ND		13	6.5	ug/L			04/10/20 18:15	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/10/20 18:15	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/10/20 18:15	5
Methylene Chloride	ND		5.0	2.2	ug/L			04/10/20 18:15	5
Styrene	ND		5.0	3.7	ug/L			04/10/20 18:15	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/10/20 18:15	5
Toluene	ND		5.0	2.6	ug/L			04/10/20 18:15	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/10/20 18:15	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/10/20 18:15	5
Trichloroethene	**4.5**	**J**	5.0	2.3	ug/L			04/10/20 18:15	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/10/20 18:15	5
Vinyl chloride	**11**		5.0	4.5	ug/L			04/10/20 18:15	5
Xylenes, Total	ND		10	3.3	ug/L			04/10/20 18:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/10/20 18:15*	*5*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/10/20 18:15*	*5*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/10/20 18:15*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*04/10/20 18:15*	*5*

Client Sample ID: MW-5
Lab Sample ID: 480-168458-4
Date Collected: 04/09/20 09:15
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 18:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 18:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 18:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 18:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 18:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 18:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 18:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 18:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 18:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 18:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 18:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 18:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 18:38	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 18:38	1
Acetone	ND		10	3.0	ug/L			04/10/20 18:38	1

Client Sample ID: MW-5
Lab Sample ID: 480-168458-4

Date Collected: 04/09/20 09:15
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/10/20 18:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 18:38	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 18:38	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 18:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 18:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 18:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 18:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 18:38	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 18:38	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 18:38	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 18:38	1
cis-1,2-Dichloroethene	**6.5**		1.0	0.81	ug/L			04/10/20 18:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 18:38	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 18:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 18:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 18:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 18:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 18:38	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 18:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 18:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 18:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 18:38	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 18:38	1
Tetrachloroethene	**21**		1.0	0.36	ug/L			04/10/20 18:38	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 18:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 18:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 18:38	1
Trichloroethene	**3.7**		1.0	0.46	ug/L			04/10/20 18:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 18:38	1
Vinyl chloride	**5.0**		1.0	0.90	ug/L			04/10/20 18:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/10/20 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*04/10/20 18:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/10/20 18:38*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/10/20 18:38*	*1*

Client Sample ID: MW-6R
Lab Sample ID: 480-168458-5

Date Collected: 04/09/20 14:15
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 19:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 19:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 19:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 19:01	1
1,1-Dichloroethene	**0.44**	**J**	1.0	0.29	ug/L			04/10/20 19:01	1

Client Sample ID: MW-6R
Date Collected: 04/09/20 14:15
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 19:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 19:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 19:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 19:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 19:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 19:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 19:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 19:01	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 19:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 19:01	1
Acetone	ND		10	3.0	ug/L			04/10/20 19:01	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 19:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 19:01	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 19:01	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 19:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/10/20 19:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 19:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 19:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 19:01	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 19:01	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 19:01	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 19:01	1
cis-1,2-Dichloroethene	**230**	**E J**	1.0	0.81	ug/L			04/10/20 19:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 19:01	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 19:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 19:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 19:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 19:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 19:01	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 19:01	1
Methyl tert-butyl ether	**0.16**	**J**	1.0	0.16	ug/L			04/10/20 19:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 19:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 19:01	1
Styrene	ND		1.0	0.73	ug/L			04/10/20 19:01	1
Tetrachloroethene	**11**		1.0	0.36	ug/L			04/10/20 19:01	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 19:01	1
trans-1,2-Dichloroethene	**1.0**		1.0	0.90	ug/L			04/10/20 19:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 19:01	1
Trichloroethene	**210**	**EJ**	1.0	0.46	ug/L			04/10/20 19:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 19:01	1
Vinyl chloride	**1.4**		1.0	0.90	ug/L			04/10/20 19:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/10/20 19:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/10/20 19:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/10/20 19:01*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*04/10/20 19:01*	*1*

Client Sample ID: MW-6R
Date Collected: 04/09/20 14:15
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			04/13/20 14:52	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/13/20 14:52	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/13/20 14:52	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/13/20 14:52	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/13/20 14:52	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/13/20 14:52	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/13/20 14:52	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/13/20 14:52	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/13/20 14:52	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/13/20 14:52	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/13/20 14:52	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/13/20 14:52	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/13/20 14:52	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/13/20 14:52	4
2-Hexanone	ND		20	5.0	ug/L			04/13/20 14:52	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/13/20 14:52	4
Acetone	ND		40	12	ug/L			04/13/20 14:52	4
Benzene	ND		4.0	1.6	ug/L			04/13/20 14:52	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/13/20 14:52	4
Bromoform	ND		4.0	1.0	ug/L			04/13/20 14:52	4
Bromomethane	ND		4.0	2.8	ug/L			04/13/20 14:52	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/13/20 14:52	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/13/20 14:52	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/13/20 14:52	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/13/20 14:52	4
Chloroethane	ND		4.0	1.3	ug/L			04/13/20 14:52	4
Chloroform	ND		4.0	1.4	ug/L			04/13/20 14:52	4
Chloromethane	ND		4.0	1.4	ug/L			04/13/20 14:52	4
cis-1,2-Dichloroethene	**230**		4.0	3.2	ug/L			04/13/20 14:52	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/13/20 14:52	4
Cyclohexane	ND		4.0	0.72	ug/L			04/13/20 14:52	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/13/20 14:52	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/13/20 14:52	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/13/20 14:52	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/13/20 14:52	4
Methyl acetate	ND		10	5.2	ug/L			04/13/20 14:52	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/13/20 14:52	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/13/20 14:52	4
Methylene Chloride	ND		4.0	1.8	ug/L			04/13/20 14:52	4
Styrene	ND		4.0	2.9	ug/L			04/13/20 14:52	4
Tetrachloroethene	**8.2**		4.0	1.4	ug/L			04/13/20 14:52	4
Toluene	ND		4.0	2.0	ug/L			04/13/20 14:52	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/13/20 14:52	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/13/20 14:52	4
Trichloroethene	**200**		4.0	1.8	ug/L			04/13/20 14:52	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/13/20 14:52	4
Vinyl chloride	ND		4.0	3.6	ug/L			04/13/20 14:52	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/13/20 14:52	4

Client Sample ID: MW-6R
Lab Sample ID: 480-168458-5

Date Collected: 04/09/20 14:15
Matrix: Water
Date Received: 04/10/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/13/20 14:52*	*4*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/13/20 14:52*	*4*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/13/20 14:52*	*4*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*04/13/20 14:52*	*4*

Client Sample ID: MW-8
Lab Sample ID: 480-168458-6

Date Collected: 04/09/20 11:36
Matrix: Water
Date Received: 04/10/20 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/10/20 19:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/10/20 19:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/10/20 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/10/20 19:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/10/20 19:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/10/20 19:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/20 19:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/10/20 19:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/20 19:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/10/20 19:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/10/20 19:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/20 19:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/20 19:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/20 19:24	1
2-Hexanone	ND		5.0	1.2	ug/L			04/10/20 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/10/20 19:24	1
Acetone	ND		10	3.0	ug/L			04/10/20 19:24	1
Benzene	ND		1.0	0.41	ug/L			04/10/20 19:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/10/20 19:24	1
Bromoform	ND		1.0	0.26	ug/L			04/10/20 19:24	1
Bromomethane	ND		1.0	0.69	ug/L			04/10/20 19:24	1
Carbon disulfide	**1.1**		1.0	0.19	ug/L			04/10/20 19:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/10/20 19:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/10/20 19:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/10/20 19:24	1
Chloroethane	ND		1.0	0.32	ug/L			04/10/20 19:24	1
Chloroform	ND		1.0	0.34	ug/L			04/10/20 19:24	1
Chloromethane	ND		1.0	0.35	ug/L			04/10/20 19:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/10/20 19:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/10/20 19:24	1
Cyclohexane	ND		1.0	0.18	ug/L			04/10/20 19:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/10/20 19:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/10/20 19:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/10/20 19:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/10/20 19:24	1
Methyl acetate	ND		2.5	1.3	ug/L			04/10/20 19:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/10/20 19:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/10/20 19:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/10/20 19:24	1

Client Sample ID: MW-8
Date Collected: 04/09/20 11:36
Date Received: 04/10/20 08:00

Lab Sample ID: 480-168458-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			04/10/20 19:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/10/20 19:24	1
Toluene	ND		1.0	0.51	ug/L			04/10/20 19:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/10/20 19:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/10/20 19:24	1
Trichloroethene	ND		1.0	0.46	ug/L			04/10/20 19:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/10/20 19:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/20 19:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/10/20 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/20 19:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/10/20 19:24*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/10/20 19:24*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*04/10/20 19:24*	*1*

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Attachment D-
Photolog

Photograph 1: South side basement vacuum gauge

Photograph 2: South side basement, point piping exiting far wall

Photograph 3: Two points central to basement

Photograph 4: SSDS basement point

Photograph 5: Southeast/east side house SSDS piping

Photograph 6: Pump stack to top of house