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Cover Page

Order ID : Q1145

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number	Client Sample Number
Q1145-01	001-WILLETS PT BLVD(DEC)
Q1145-02	002-35TH AVE (DEC)

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 1/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tully Environmental, Inc
Project Name: Transfer Station-SPDES
Project # N/A
Chemtech Project # Q1145
Test Name: VOC-BTEX

A. Number of Samples and Date of Receipt:
2 Water samples were received on 01/22/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TSS and VOC-BTEX. This data package contains results for VOC-BTEX.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-BTEX was based on method 624.1.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:

As per method, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD instead.

Trip Blank was not provided with this set of samples.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <35% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 35% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1145**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **NILESH PRAJAPATI** **Date:** **01/25/2025**

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LAB CHRONICLE

OrderID:	Q1145	**OrderDate:**	1/21/2025 3:39:00 PM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	E11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1145-01	**001 WILLETS PT BLVD (DEC)**	**Water**			**01/21/25**			**01/22/25**
			VOC-BTEX	624.1			01/23/25	
Q1145-02	**002 35TH AVE (DEC)**	**Water**			**01/21/25**			**01/22/25**
			VOC-BTEX	624.1			01/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1145

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001 WILLETS PT BLVD (DEC)**							
Q1145-01	001 WILLETS PT E	Water	Toluene	32.1		0.72	5.00	ug/L
			Total Voc :	32.1				
			Total Concentration:	32.1				
Client ID:	**002 35TH AVE (DEC)**							
Q1145-02	002 35TH AVE (DE	Water	Toluene	29.0		0.72	5.00	ug/L
			Total Voc :	29.0				
			Total Concentration:	29.0				

QC SUMMARY

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Surrogate Summary

SDG No.: Q1145

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1145-01	001 WILLETS PT BLVD (DEC)	1,2-Dichloroethane-d4	30	27.7	92	91	110
		Toluene-d8	30	30.9	103	91	112
		4-Bromofluorobenzene	30	29.1	97	63	112
Q1145-02	002 35TH AVE (DEC)	1,2-Dichloroethane-d4	30	27.8	93	91	110
		Toluene-d8	30	30.3	101	91	112
		4-Bromofluorobenzene	30	28.9	96	63	112
VX0123WBL01	VX0123WBL01	1,2-Dichloroethane-d4	30	27.9	93	91	110
		Toluene-d8	30	31.1	104	91	112
		4-Bromofluorobenzene	30	27.8	93	63	112
VX0123WBS01	VX0123WBS01	1,2-Dichloroethane-d4	30	27.6	92	91	110
		Toluene-d8	30	29.9	99	91	112
		4-Bromofluorobenzene	30	28.9	96	63	112
VX0123WBSD0	VX0123WBSD01	1,2-Dichloroethane-d4	30	27.8	93	91	110
		Toluene-d8	30	30.4	101	91	112
		4-Bromofluorobenzene	30	29.6	99	63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1145

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VX044700.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0123WBS01	Benzene	20	19.9	ug/L	100			65	135	
	Toluene	20	19.2	ug/L	96			70	130	
	Ethyl Benzene	20	19.2	ug/L	96			60	140	
	m/p-Xylenes	40	39.1	ug/L	98			87	111	
	o-Xylene	20	19.5	ug/L	98			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1145

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VX044701.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0123WBSD01	Benzene	20	19.3	ug/L	97	3		65	135	20
	Toluene	20	19.3	ug/L	97	1		70	130	20
	Ethyl Benzene	20	19.1	ug/L	96	0		60	140	20
	m/p-Xylenes	40	38.9	ug/L	97	1		87	111	20
	o-Xylene	20	19.3	ug/L	97	1		87	111	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0123WBL01

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG NO.: Q1145

Lab File ID: VX044702.D Lab Sample ID: VX0123WBL01

Date Analyzed: 01/23/2025 Time Analyzed: 10:18

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0123WBS01	VX0123WBS01	VX044700.D	01/23/2025
VX0123WBSD01	VX0123WBSD01	VX044701.D	01/23/2025
002 35TH AVE (DEC)	Q1145-02	VX044704.D	01/23/2025
001 WILLETS PT BLVD (DEC)	Q1145-01	VX044705.D	01/23/2025

COMMENTS:

Raw Data: **VX044658.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG NO.: Q1145

Lab File ID: VX044658.D BFB Injection Date: 01/16/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	66.7
175	5.0 - 9.0% of mass 174	4.7 (7) 1
176	95.0 - 101.0% of mass 174	64.7 (97) 1
177	5.0 - 9.0% of mass 176	4.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX044659.D	01/16/2025	08:39
VSTDICCC020	VSTDICCC020	VX044660.D	01/16/2025	09:02
VSTDICC050	VSTDICC050	VX044661.D	01/16/2025	09:25
VSTDICC100	VSTDICC100	VX044662.D	01/16/2025	09:49
VSTDICC150	VSTDICC150	VX044663.D	01/16/2025	10:12

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG NO.: Q1145

Lab File ID: VX044698.D BFB Injection Date: 01/23/2025

Instrument ID: MSVOA_X BFB Injection Time: 07:54

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.1
75	30.0 - 60.0% of mass 95	48
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	69.6
175	5.0 - 9.0% of mass 174	5.1 (7.4) 1
176	95.0 - 101.0% of mass 174	67.4 (96.9) 1
177	5.0 - 9.0% of mass 176	4.1 (6.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC020	VSTDCCC020	VX044699.D	01/23/2025	08:21
VX0123WBS01	VX0123WBS01	VX044700.D	01/23/2025	09:28
VX0123WBSD01	VX0123WBSD01	VX044701.D	01/23/2025	09:56
VX0123WBL01	VX0123WBL01	VX044702.D	01/23/2025	10:18
002 35TH AVE (DEC)	Q1145-02	VX044704.D	01/23/2025	11:16
001 WILLETS PT BLVD (DEC)	Q1145-01	VX044705.D	01/23/2025	11:39

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG NO.: Q1145

Lab File ID: VX044699.D Date Analyzed: 01/23/2025

Instrument ID: MSVOA_X Time Analyzed: 08:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	17047	4.89	92191	6.75	78268	10.05
UPPER LIMIT	34094	5.385	184382	7.251	156536	10.549
LOWER LIMIT	8523.5	4.385	46095.5	6.251	39134	9.549
EPA SAMPLE NO.						
001 WILLETS PT BLVD (DEC)	29592	4.89	163912	6.76	147341	10.05
002 35TH AVE (DEC)	28355	4.89	158559	6.76	144308	10.05
VX0123WBL01	30850	4.90	168575	6.76	149390	10.05
VX0123WBS01	31428	4.89	167207	6.75	150020	10.05
VX0123WBSD01	30388	4.89	171874	6.75	151608	10.05

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG NO.: Q1145

Lab File ID: VX044699.D Date Analyzed: 01/23/2025

Instrument ID: MSVOA_X Time Analyzed: 08:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	0	0				
UPPER LIMIT	0					
LOWER LIMIT	0					
EPA SAMPLE NO.						
001 WILLETS PT BLVD (DEC)	0	0.00				
002 35TH AVE (DEC)	0	0.00				
VX0123WBL01	0	0.00				
VX0123WBS01	0	0.00				
VX0123WBSD01	0	0.00				

IS4 =

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

 # Column used to flag values outside QC limits with an asterisk.
*** Values outside of QC limits.**

SAMPLE DATA

Raw Data: **VX044705.D**

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Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	01/21/25
Project:	Transfer Station-SPDES	Date Received:	01/22/25
Client Sample ID:	001 WILLETS PT BLVD (DEC)	SDG No.:	Q1145
Lab Sample ID:	Q1145-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044705.D	1		01/23/25 11:39	VX012325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.69	U	0.69	5.00	ug/L
108-88-3	Toluene	32.1		0.72	5.00	ug/L
100-41-4	Ethyl Benzene	0.73	U	0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	1.70	U	1.70	10.0	ug/L
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.7		91 - 110	92%	SPK: 30
2037-26-5	Toluene-d8	30.9		91 - 112	103%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.1		63 - 112	97%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	29600	4.891			
540-36-3	1,4-Difluorobenzene	164000	6.757			
3114-55-4	Chlorobenzene-d5	147000	10.049			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044705.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044705.D
Acq On : 23 Jan 2025 11:39
Operator : JC/MD
Sample : Q1145-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Quant Time: Jan 24 03:16:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.891	128	29592	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	163912	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	147341	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	79087	27.684	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.267%			
60) 4-Bromofluorobenzene	11.079	95	83262	29.094	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.967%			
63) Toluene-d8	8.641	98	247255	30.853	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.833%			
Target Compounds						Qvalue
15) Acetone	2.374	58	6884	22.063	ug/l	90
16) Carbon Disulfide	2.508	76	1738	0.286	ug/l	96
30) 2-Butanone	4.587	43	6450m	4.118	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	4622	1.488	ug/l	96
62) Toluene	8.714	91	311642	32.122	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	2730	0.339	ug/l	97
82) p-Isopropyltoluene	12.006	119	8221	1.021	ug/l	95
91) Naphthalene	13.780	128	2313	0.245	ug/l	99

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

Sample Results: **VX044705.D**

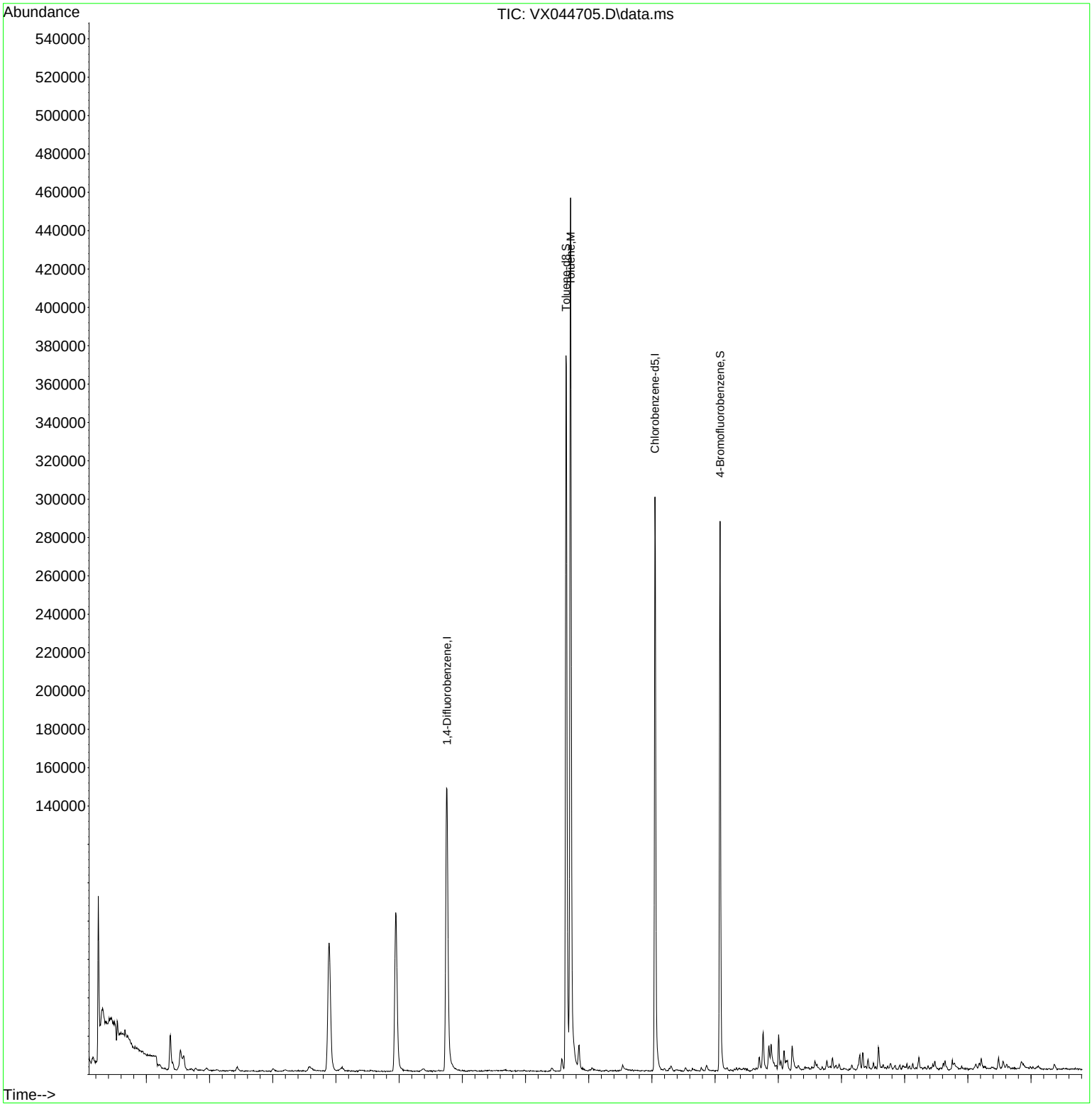
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044705.D
Acq On : 23 Jan 2025 11:39
Operator : JC/MD
Sample : Q1145-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

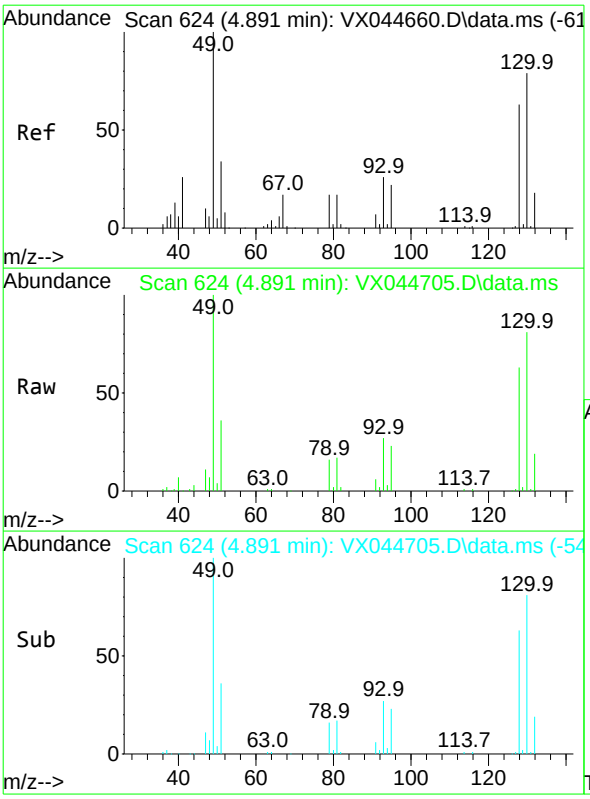
Quant Time: Jan 24 03:16:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

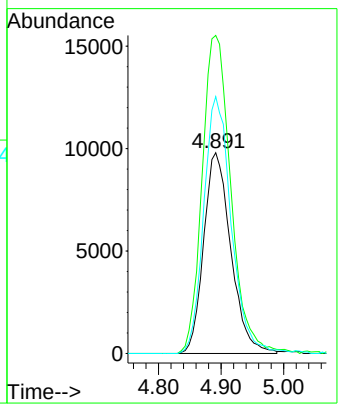




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion:128 Resp: 29592

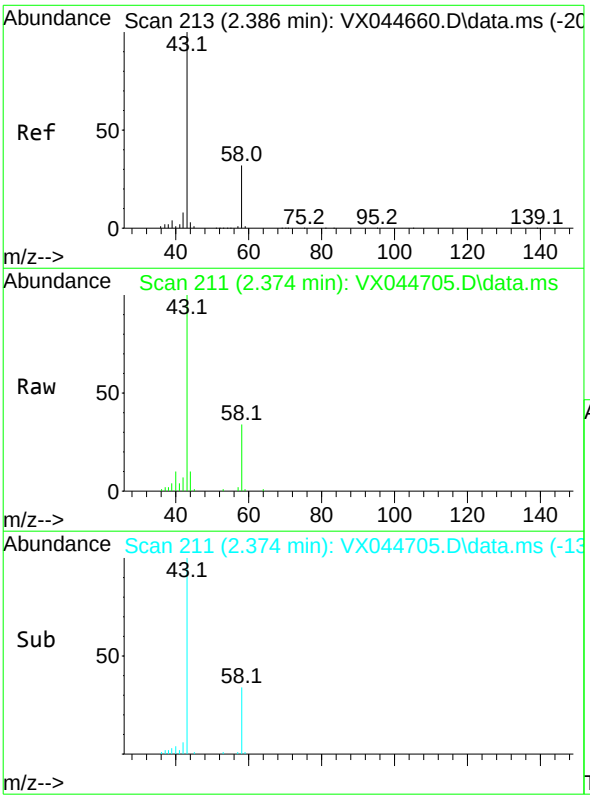
Ion	Ratio	Lower	Upper
128	100		
49	165.4	0.0	411.5
130	128.7	0.0	324.3



Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations
APPROVED

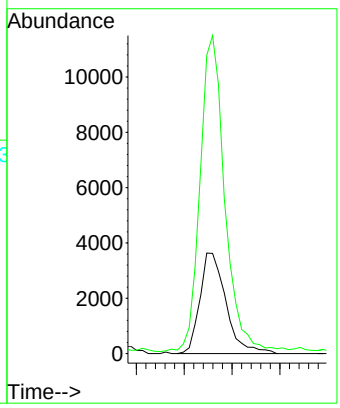
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

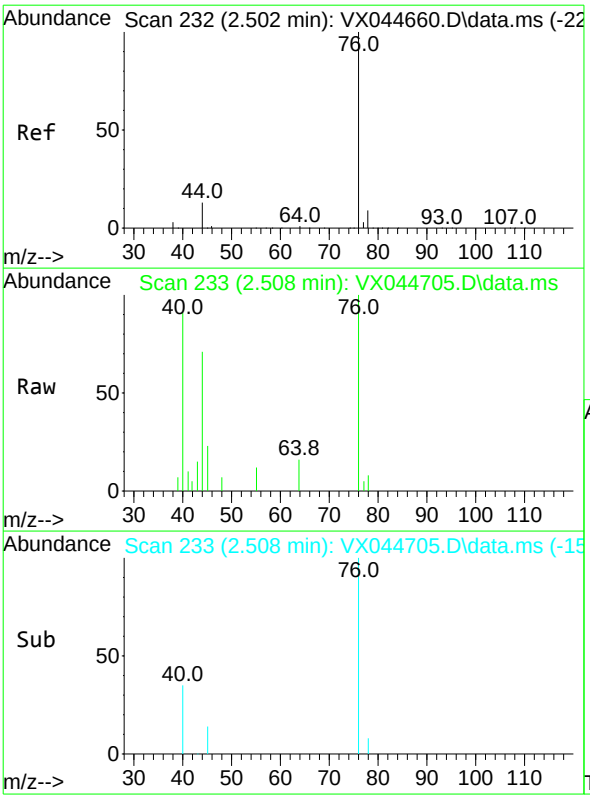


#15
Acetone
Concen: 22.063 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 58 Resp: 6884

Ion	Ratio	Lower	Upper
58	100		
43	293.1	251.0	376.4

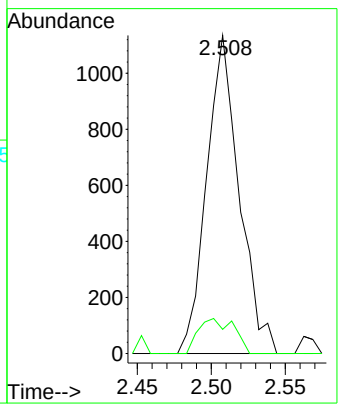




#16
Carbon Disulfide
Concen: 0.286 ug/l
RT: 2.508 min Scan# 23
Delta R.T. 0.006 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 76 Resp: 1738

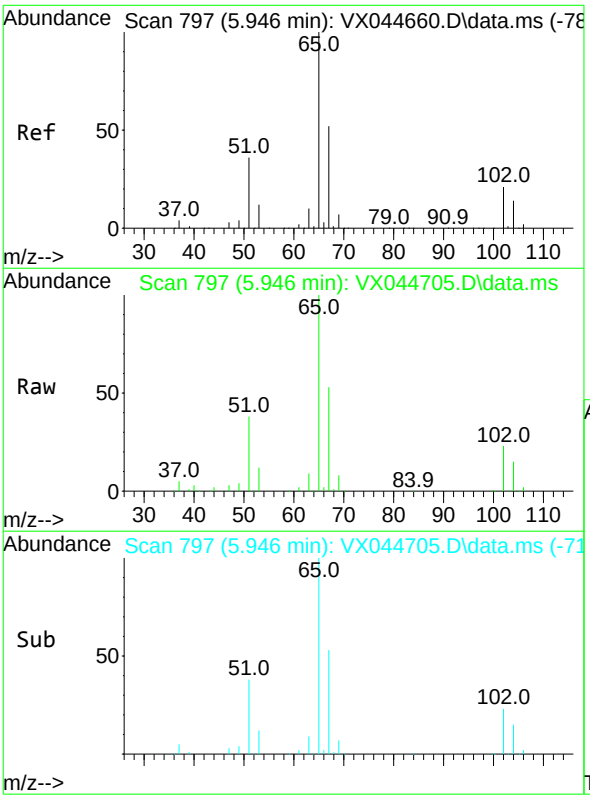
Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations
APPROVED

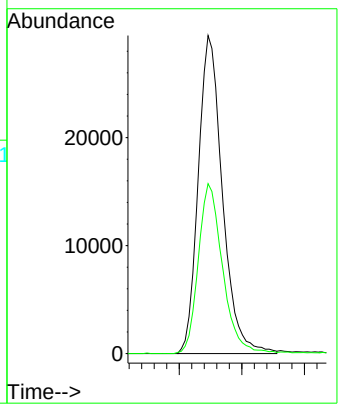
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

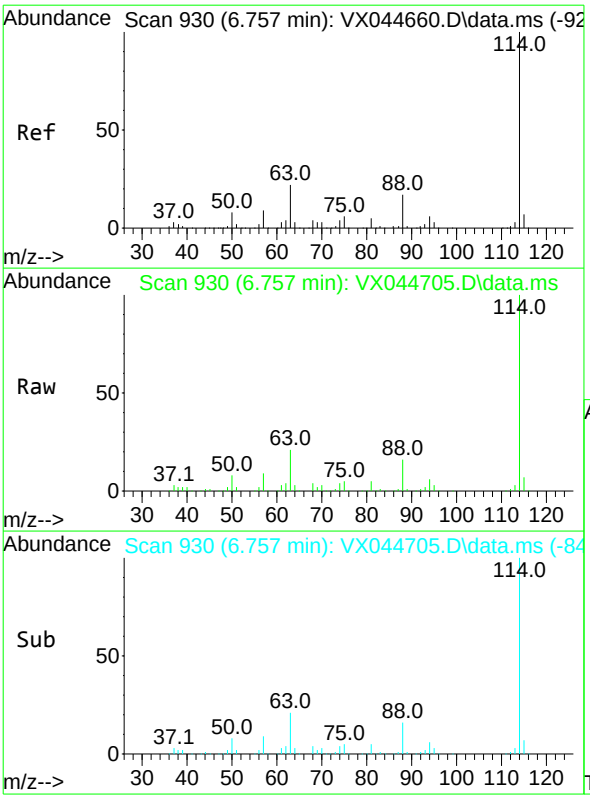


#27
1,2-Dichloroethane-d4
Concen: 27.684 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 65 Resp: 79087

Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.4	62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

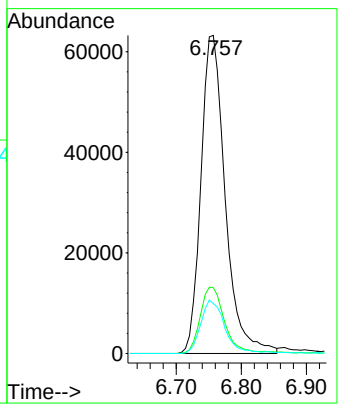
Tgt Ion:114 Resp: 163912

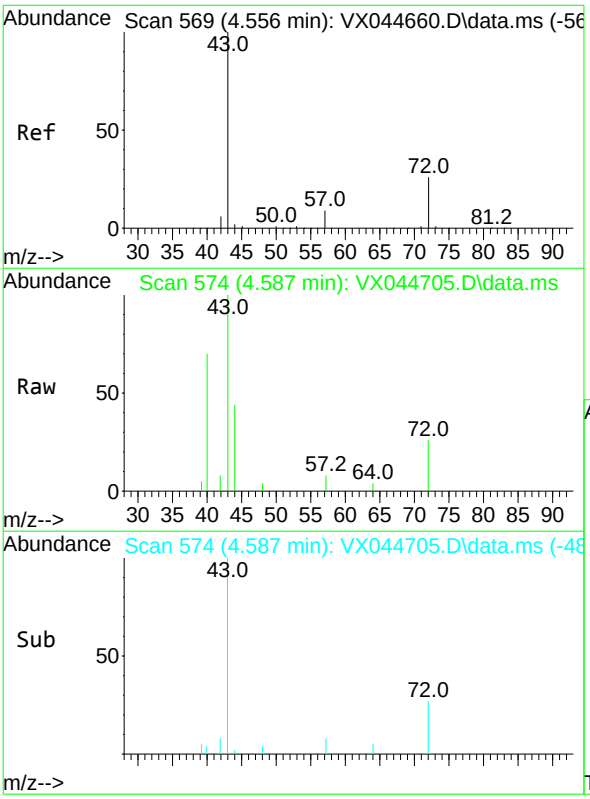
Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.6	24.8
88	16.4	13.4	20.2

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

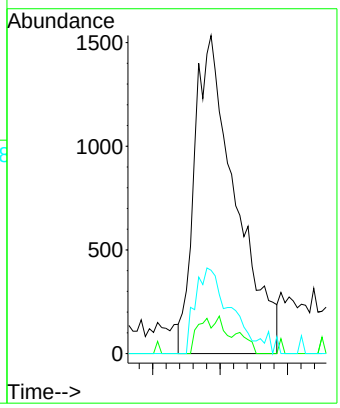


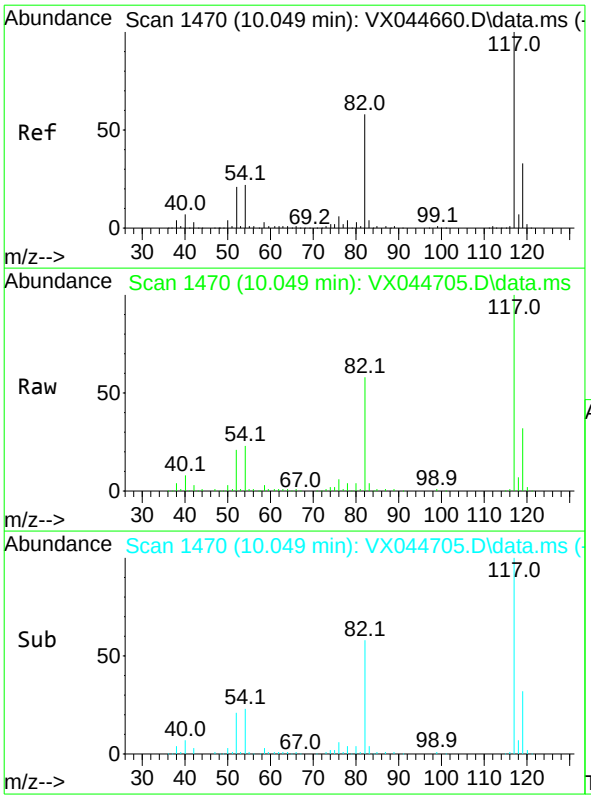


#30
2-Butanone
Concen: 4.118 ug/l m
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 43 Resp: 6450

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.4	9.6#
72	0.0	21.5	32.3#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

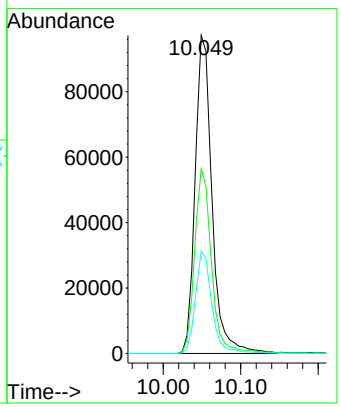
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

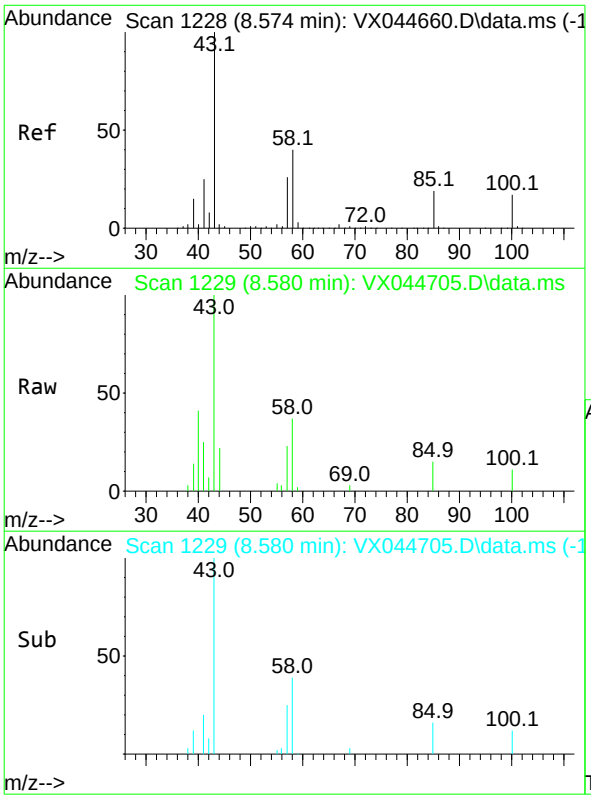
Tgt Ion:117 Resp: 147341

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.6
119	31.2	25.8	38.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

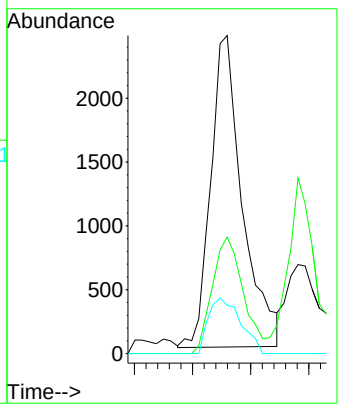


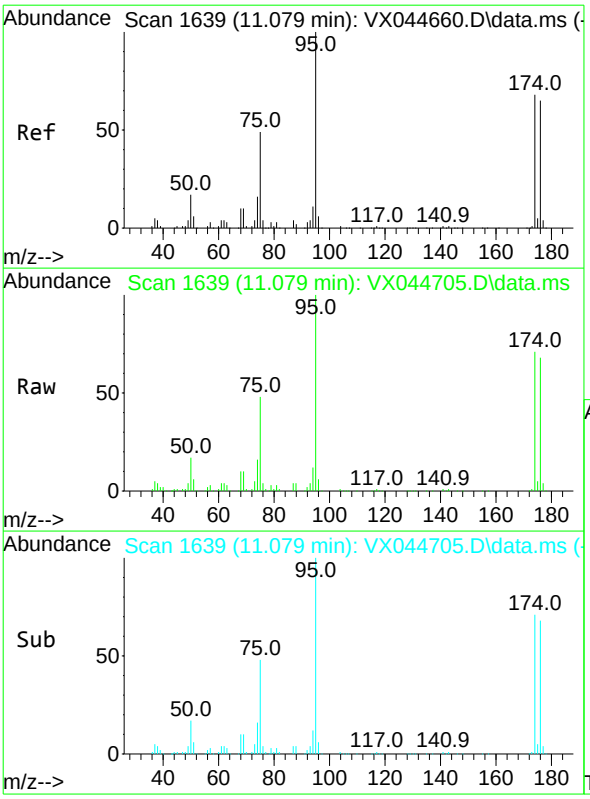


#58
4-Methyl-2-Pentanone
Concen: 1.488 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 43 Resp: 4622

Ion	Ratio	Lower	Upper
43	100		
58	36.5	31.7	47.5
85	18.2	15.0	22.6





#60
4-Bromofluorobenzene
Concen: 29.094 ug/l
RT: 11.079 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

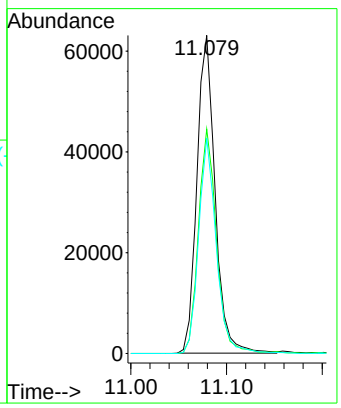
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

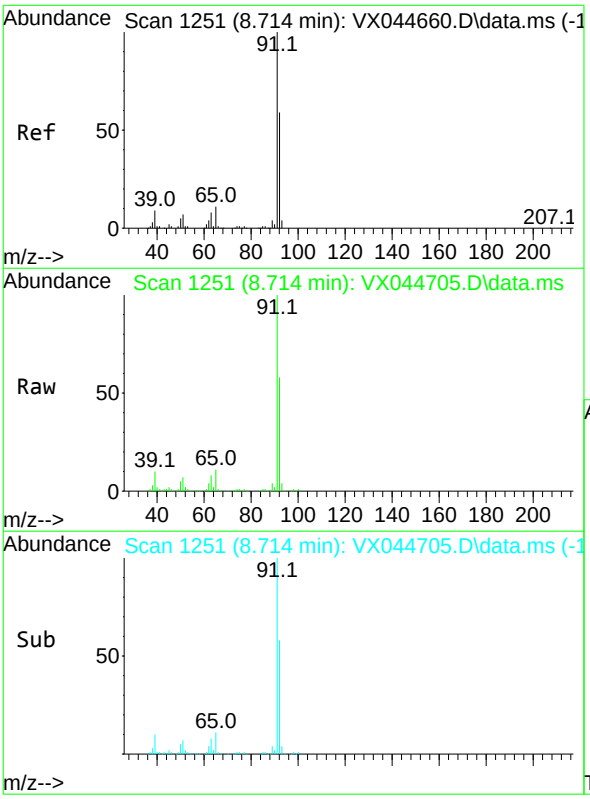
Tgt Ion: 95 Resp: 83262

Ion	Ratio	Lower	Upper
95	100		
174	69.6	54.6	81.8
176	65.7	52.8	79.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

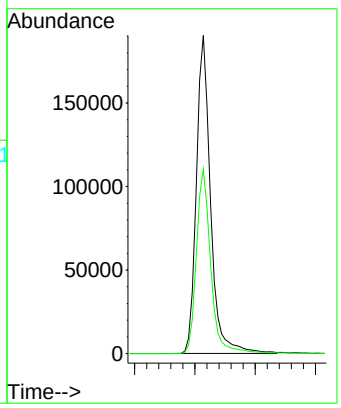


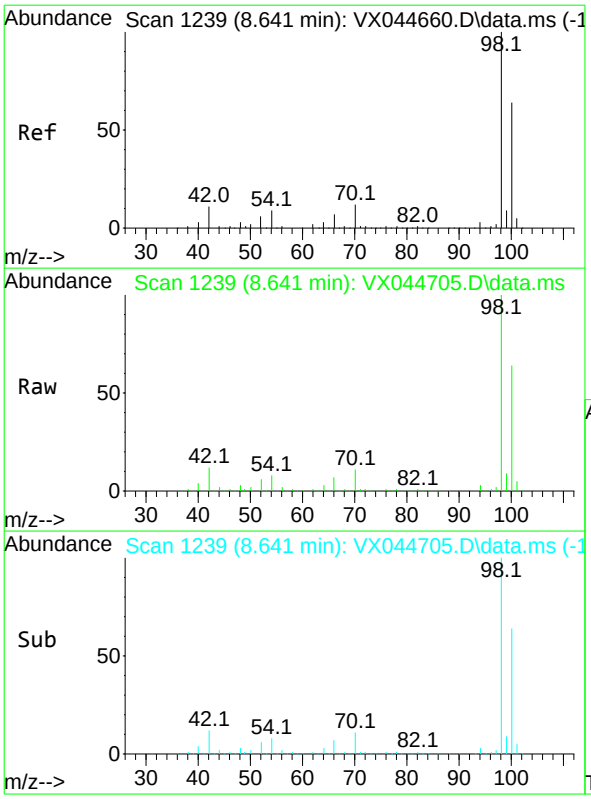


#62
Toluene
Concen: 32.122 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 91 Resp: 311642

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.3	70.9

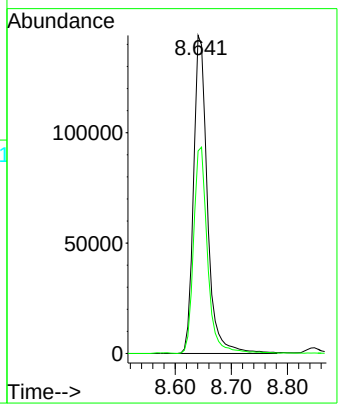




#63
Toluene-d8
Concen: 30.853 ug/l
RT: 8.641 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 98 Resp: 247255

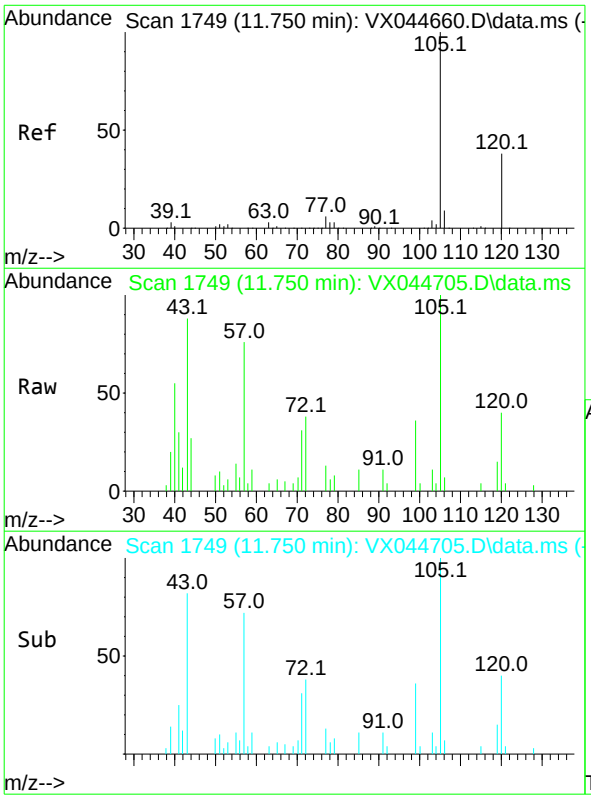
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.6	80.4



Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations
APPROVED

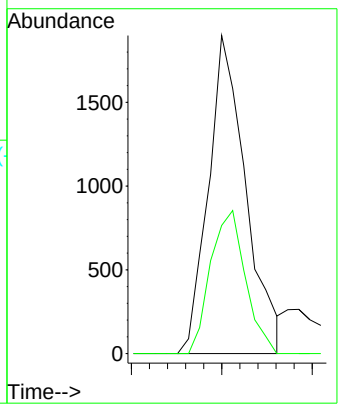
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

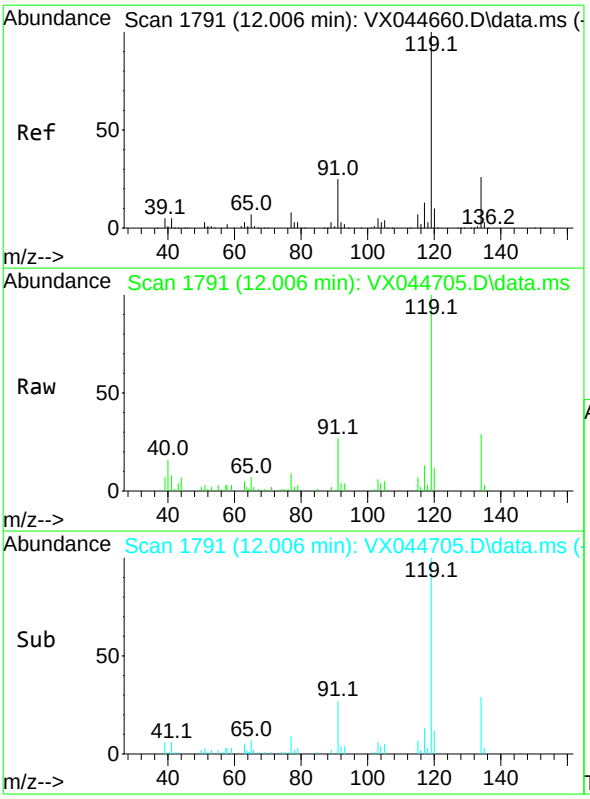


#80
1,2,4-Trimethylbenzene
Concen: 0.339 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion:105 Resp: 2730

Ion	Ratio	Lower	Upper
105	100		
120	42.0	0.0	88.4





#82
p-Isopropyltoluene
Concen: 1.021 ug/l
RT: 12.006 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

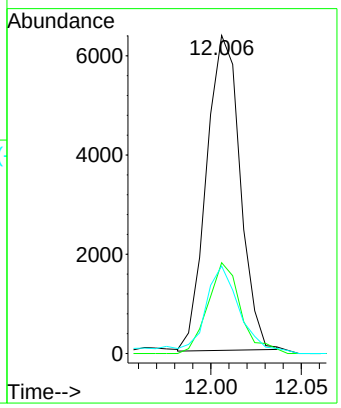
Tgt Ion:119 Resp: 8221

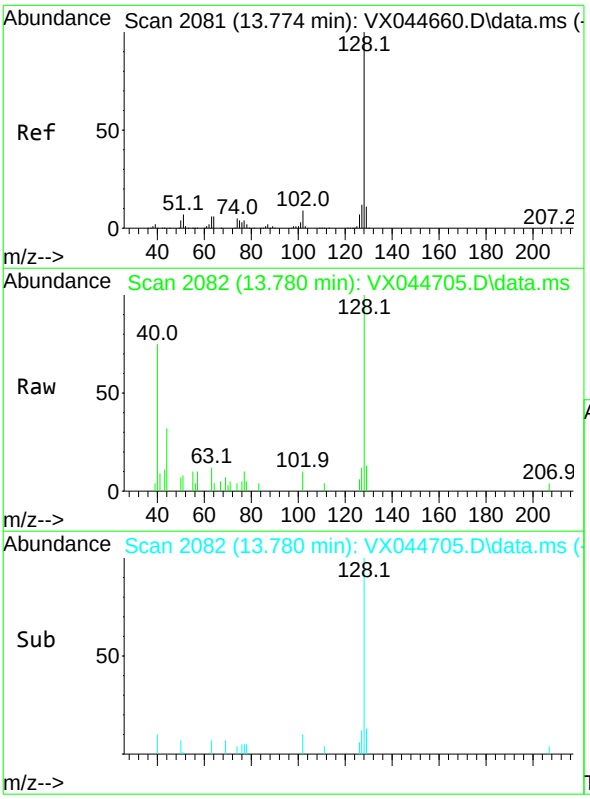
Ion	Ratio	Lower	Upper
119	100		
134	28.0	0.0	52.2
91	27.9	0.0	50.2

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

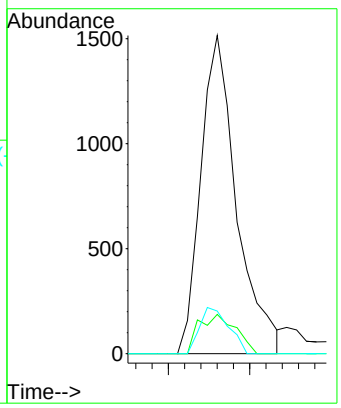




#91
Naphthalene
Concen: 0.245 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion:128 Resp: 2313

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.8	9.0	13.6



Raw Data: **VX044704.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	01/21/25
Project:	Transfer Station-SPDES	Date Received:	01/22/25
Client Sample ID:	002 35TH AVE (DEC)	SDG No.:	Q1145
Lab Sample ID:	Q1145-02	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044704.D	1		01/23/25 11:16	VX012325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.69	U	0.69	5.00	ug/L
108-88-3	Toluene	29.0		0.72	5.00	ug/L
100-41-4	Ethyl Benzene	0.73	U	0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	1.70	U	1.70	10.0	ug/L
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.8		91 - 110	93%	SPK: 30
2037-26-5	Toluene-d8	30.3		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.9		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	28400	4.891			
540-36-3	1,4-Difluorobenzene	159000	6.757			
3114-55-4	Chlorobenzene-d5	144000	10.049			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044704.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044704.D
Acq On : 23 Jan 2025 11:16
Operator : JC/MD
Sample : Q1145-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Quant Time: Jan 24 03:15:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.891	128	28355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	158559	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	144308	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	76052	27.783	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.600%			
60) 4-Bromofluorobenzene	11.079	95	80994	28.896	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.333%			
63) Toluene-d8	8.647	98	237595	30.271	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.900%			
Target Compounds						Qvalue
15) Acetone	2.380	58	6106	20.423	ug/l	90
16) Carbon Disulfide	2.502	76	1857	0.319	ug/l #	92
58) 4-Methyl-2-Pentanone	8.574	43	4245	1.396	ug/l	97
62) Toluene	8.714	91	275592	29.003	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	2555	0.324	ug/l	95
82) p-Isopropyltoluene	12.006	119	7569	0.960	ug/l	98
91) Naphthalene	13.780	128	2077	0.225	ug/l	99

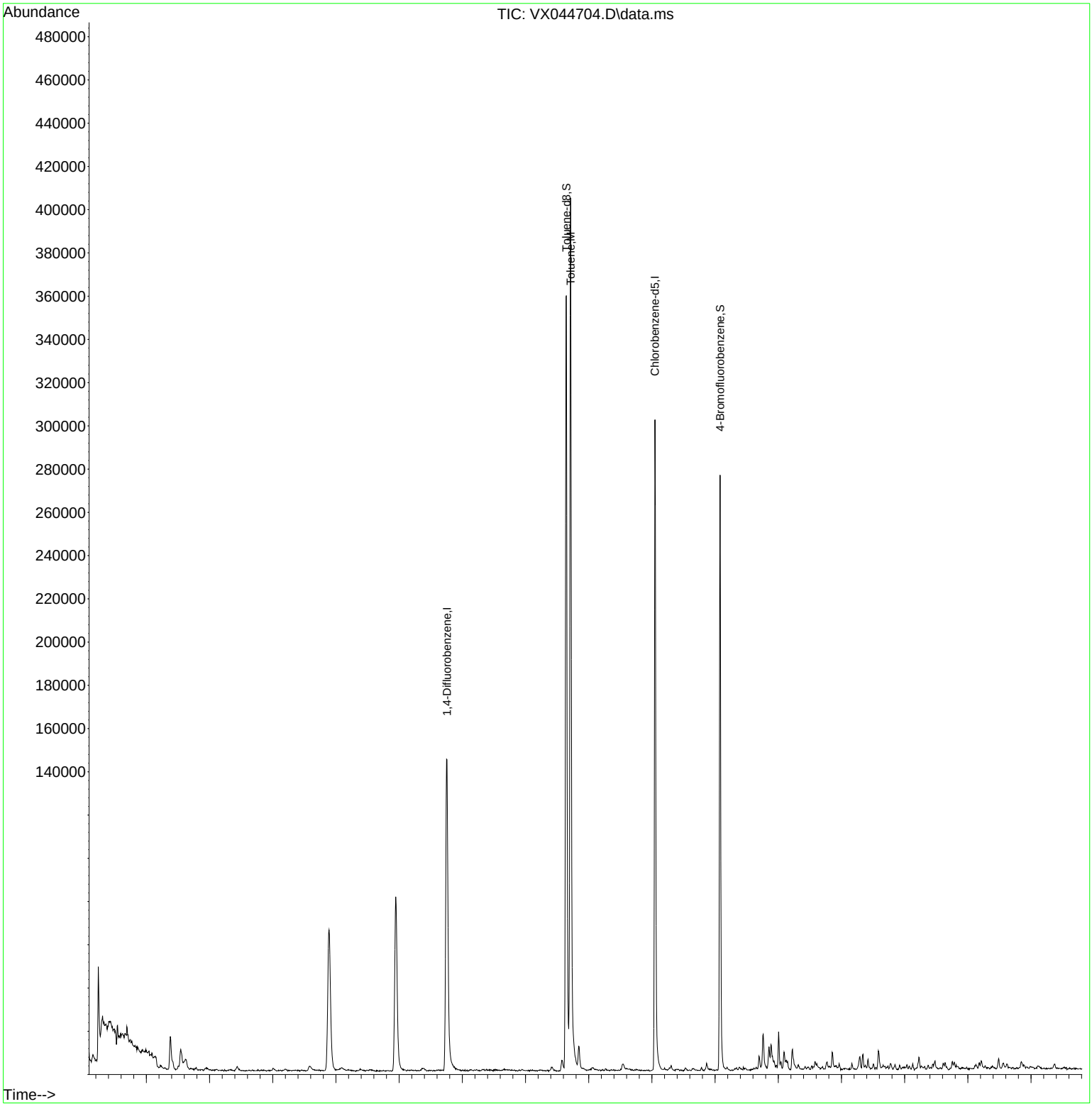
(#) = qualifier out of range (m) = manual integration (+) = signals summed

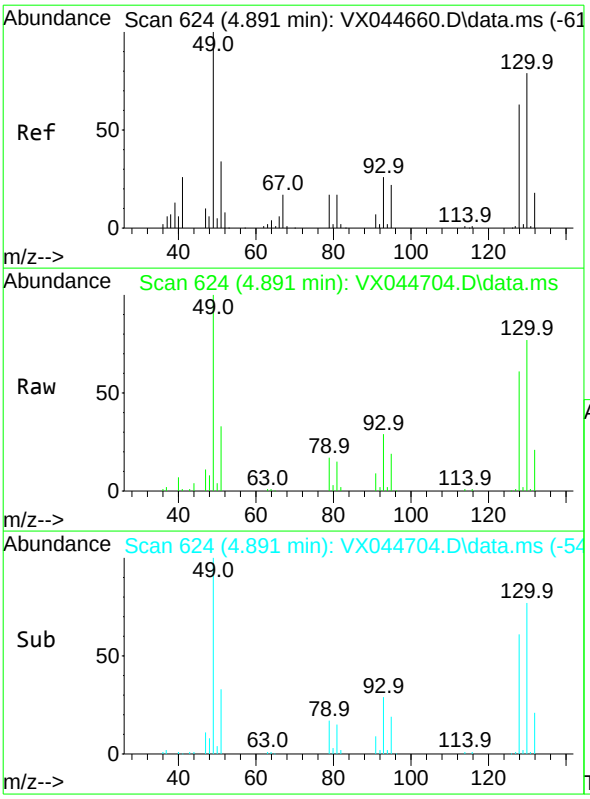
Sample Results: **VX044704.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044704.D
Acq On : 23 Jan 2025 11:16
Operator : JC/MD
Sample : Q1145-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Quant Time: Jan 24 03:15:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration



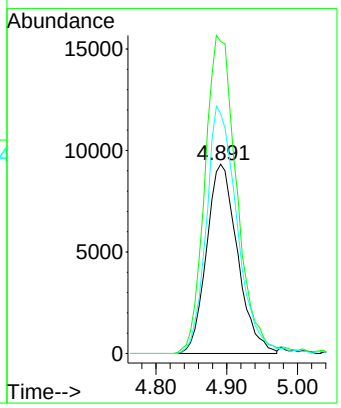


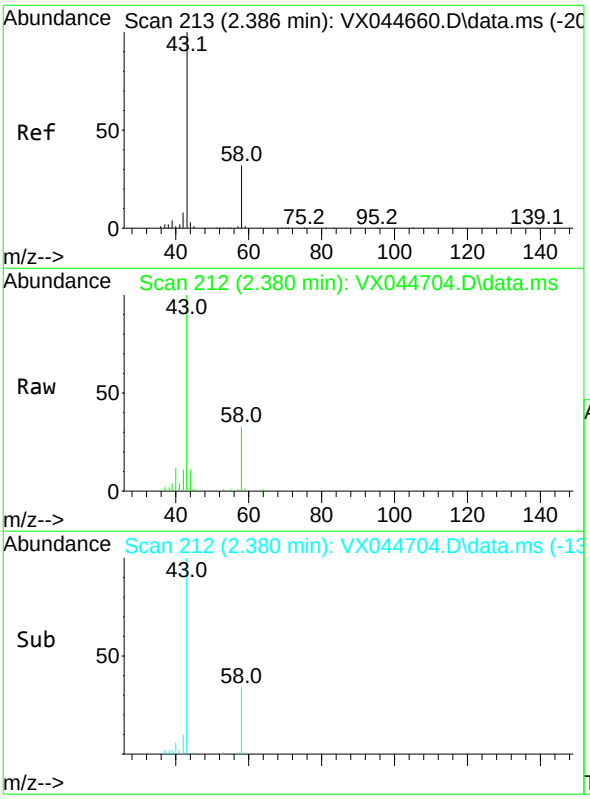
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion:128 Resp: 28355

Ion	Ratio	Lower	Upper
128	100		
49	171.1	0.0	411.5
130	129.1	0.0	324.3

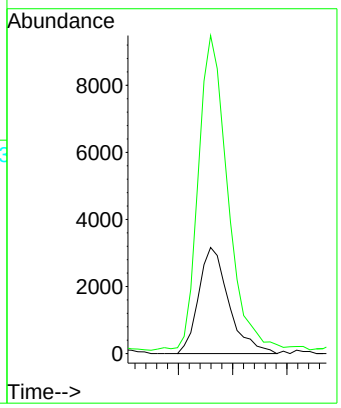


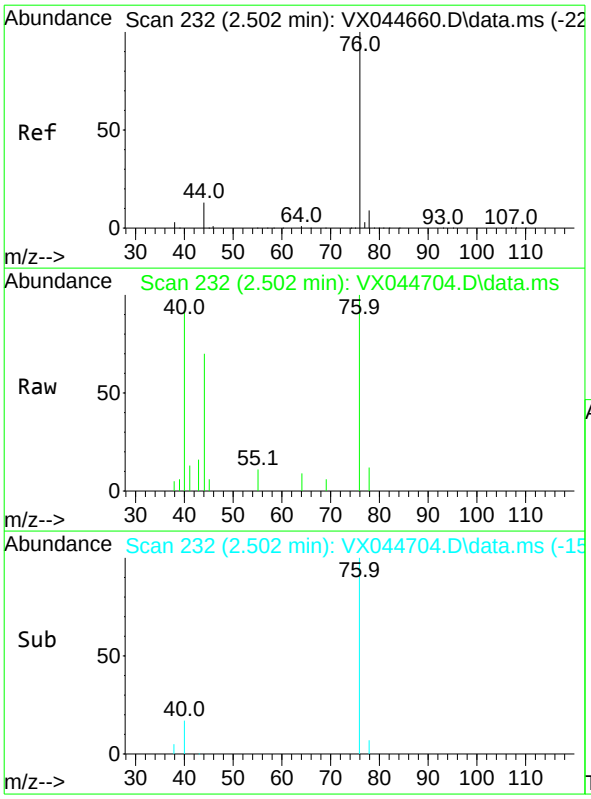


#15
Acetone
Concen: 20.423 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Tgt Ion: 58 Resp: 6106

Ion	Ratio	Lower	Upper
58	100		
43	294.2	251.0	376.4



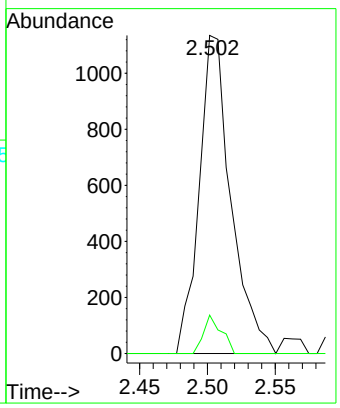


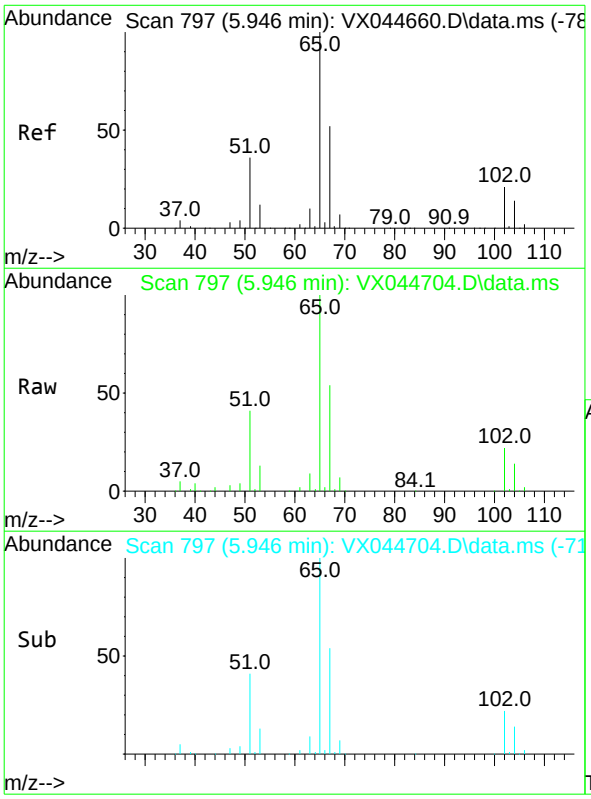
#16
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.502 min Scan# 23
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion: 76 Resp: 1857

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.3	10.9#

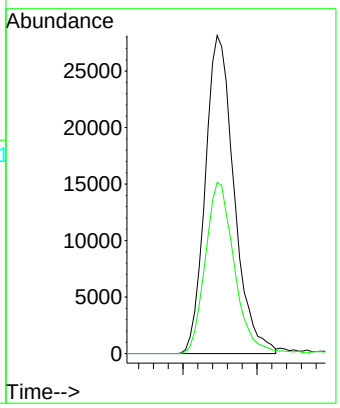


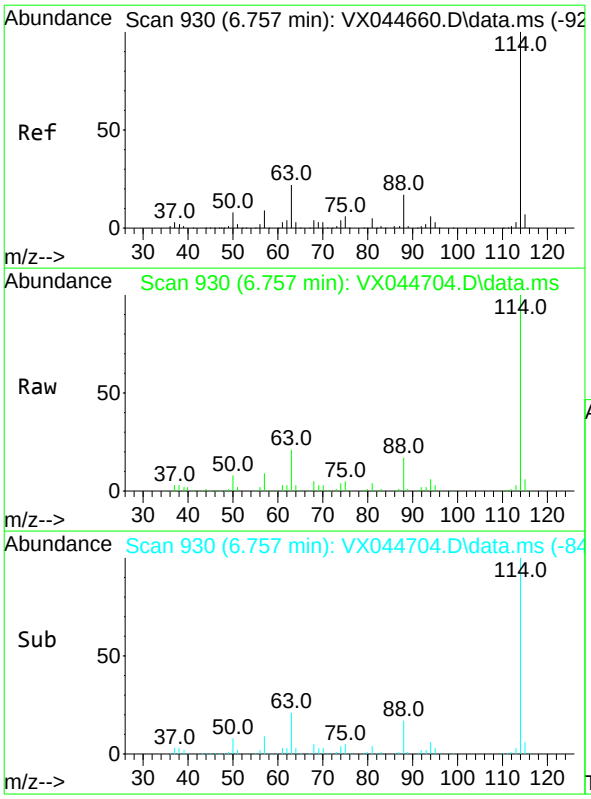


#27
1,2-Dichloroethane-d4
Concen: 27.783 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Tgt Ion: 65 Resp: 76052

Ion	Ratio	Lower	Upper
65	100		
67	54.1	41.4	62.2



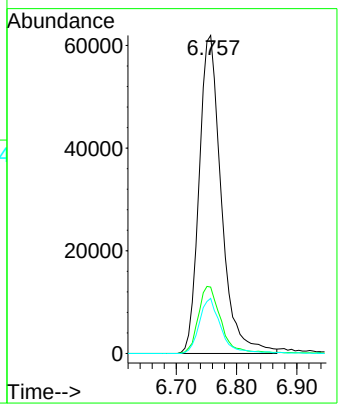


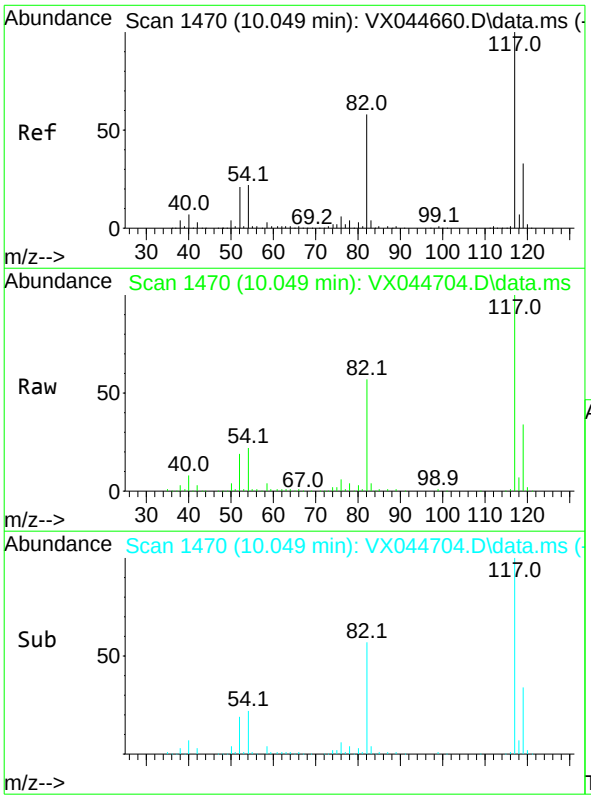
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion:114 Resp: 158559

Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.6	24.8
88	16.6	13.4	20.2

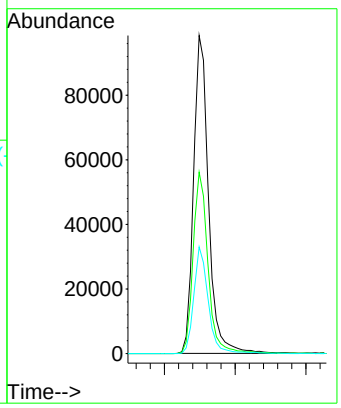


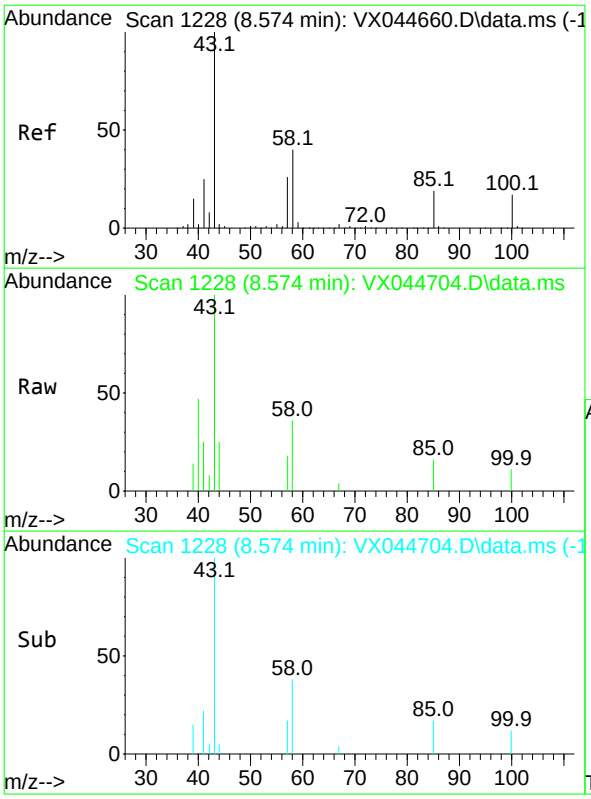


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Tgt Ion:117 Resp: 144308

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.8	68.6
119	31.9	25.8	38.6



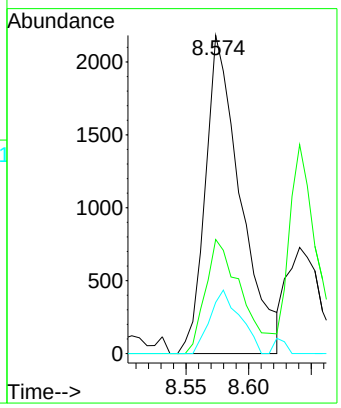


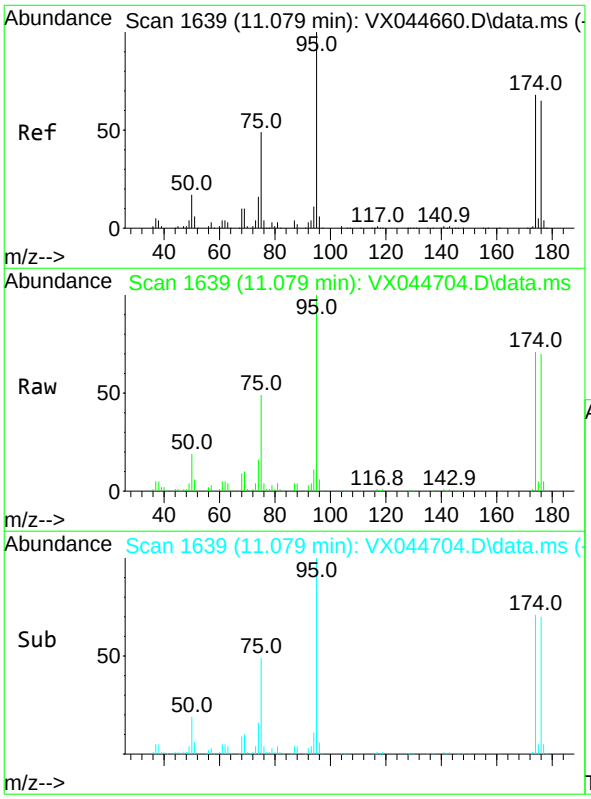
#58
4-Methyl-2-Pentanone
Concen: 1.396 ug/l
RT: 8.574 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion: 43 Resp: 4245

Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.7	47.5
85	17.1	15.0	22.6

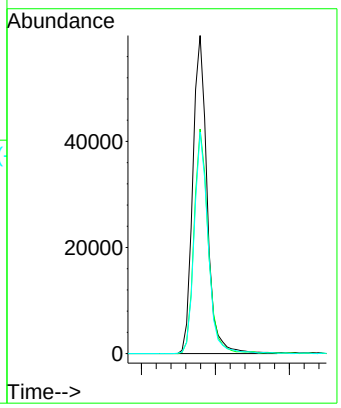


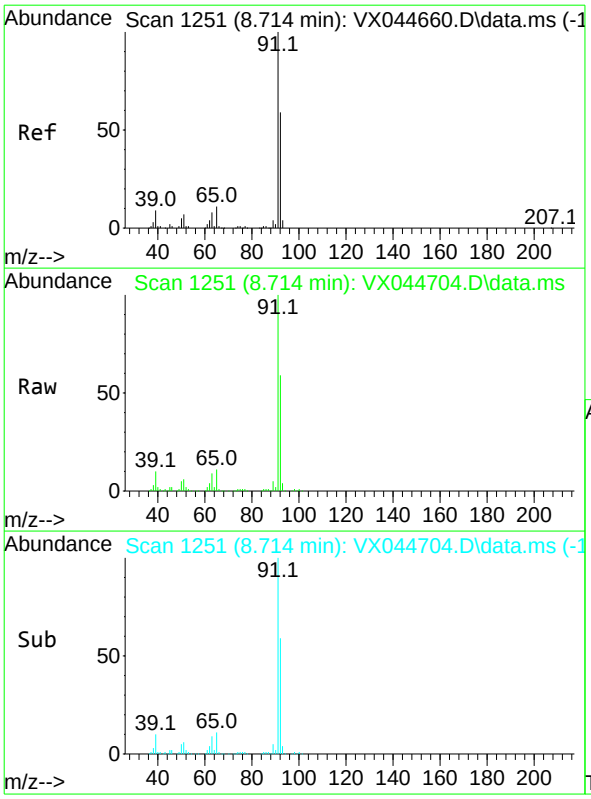


#60
4-Bromofluorobenzene
Concen: 28.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Tgt Ion: 95 Resp: 80994

Ion	Ratio	Lower	Upper
95	100		
174	69.1	54.6	81.8
176	67.0	52.8	79.2



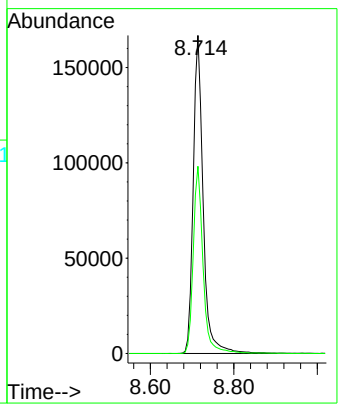


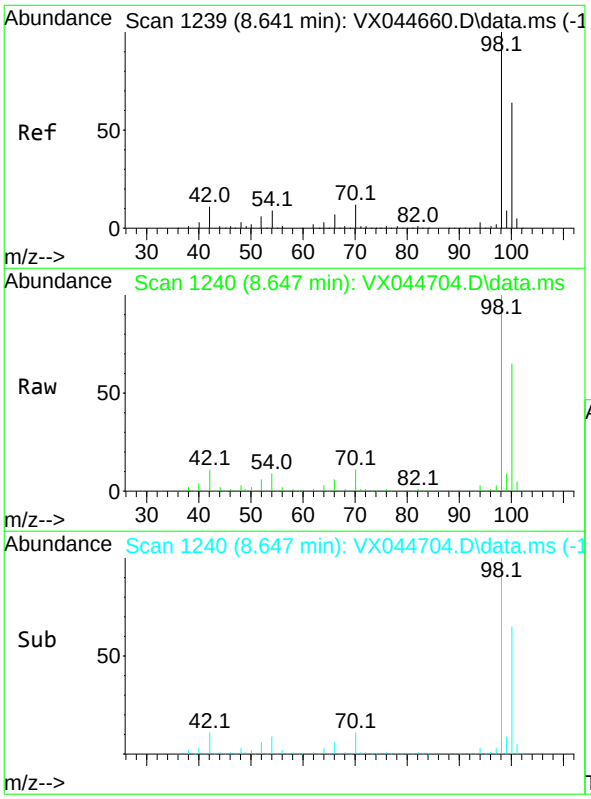
#62
Toluene
Concen: 29.003 ug/l
RT: 8.714 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion: 91 Resp: 275592

Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.3	70.9

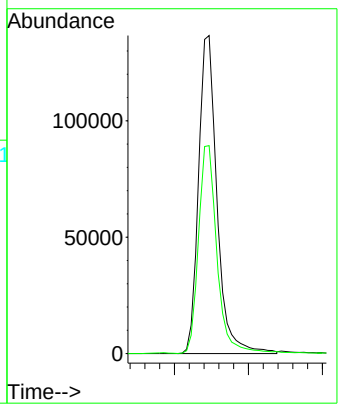


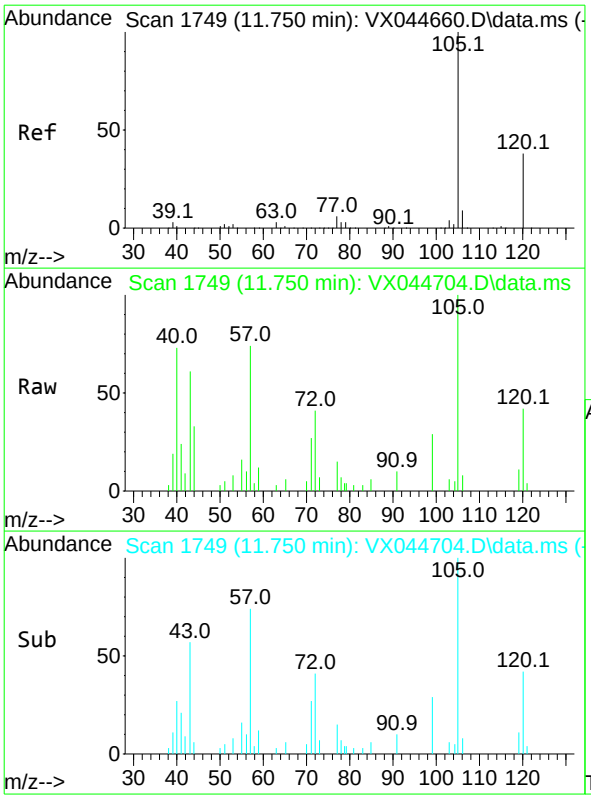


#63
Toluene-d8
Concen: 30.271 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Tgt Ion: 98 Resp: 237595

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.6	80.4



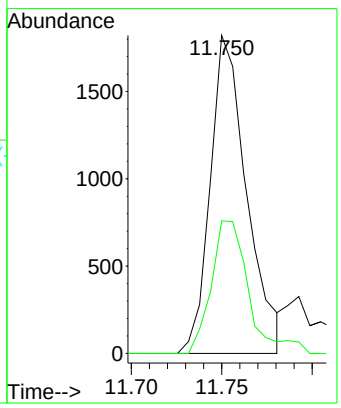


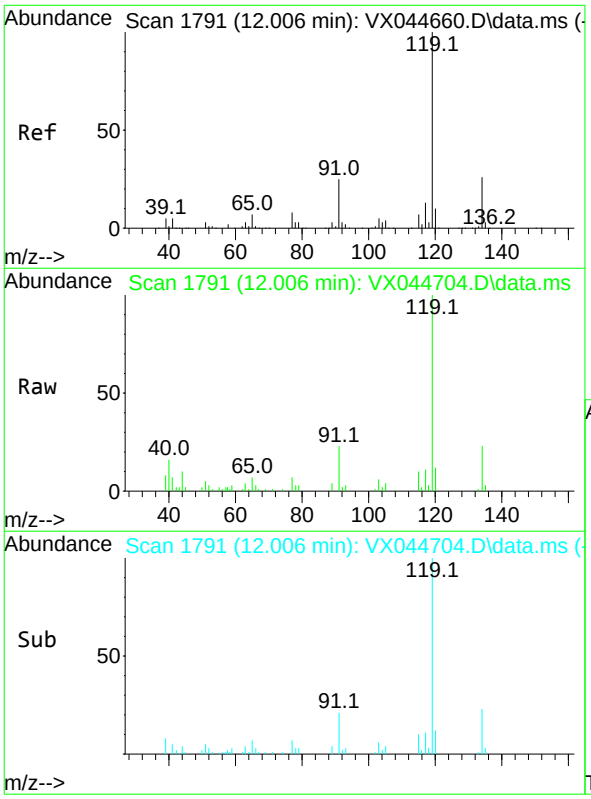
#80
1,2,4-Trimethylbenzene
Concen: 0.324 ug/l
RT: 11.750 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion:105 Resp: 2555

Ion	Ratio	Lower	Upper
105	100		
120	40.7	0.0	88.4

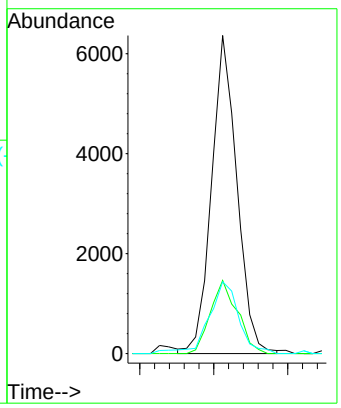


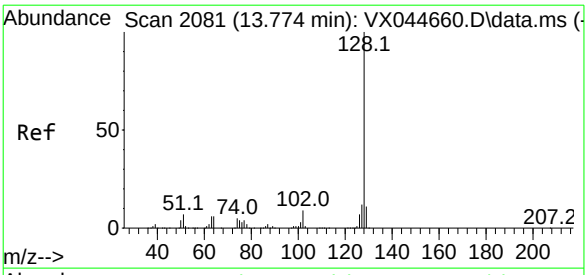


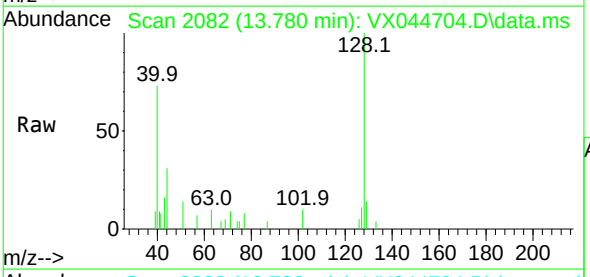
#82
p-Isopropyltoluene
Concen: 0.960 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

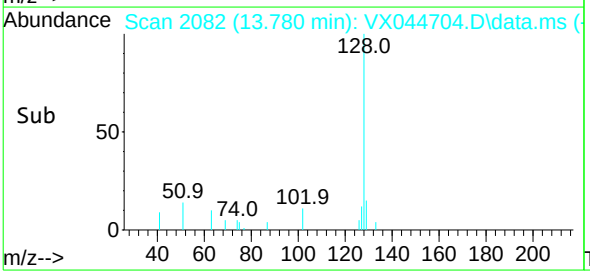
Tgt Ion:119 Resp: 7569

Ion	Ratio	Lower	Upper
119	100		
134	24.6	0.0	52.2
91	25.3	0.0	50.2







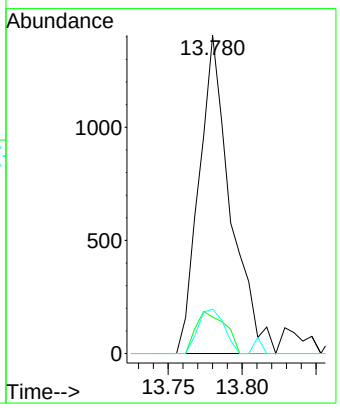


#91
Naphthalene
Concen: 0.225 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044704.D
Acq: 23 Jan 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
002-35TH AVE (DEC)

Tgt Ion:128 Resp: 2077

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	11.6	9.0	13.6



CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG No.: Q1145

Instrument ID: MSVOA_X Calibration Date(s): 01/16/2025 01/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:39 10:12

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF005 = VX044659.D RRF020 = VX044660.D RRF050 = VX044661.D
RRF100 = VX044662.D RRF150 = VX044663.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Benzene	1.720	1.726	1.635	1.681	1.562		1.665	4.1
Toluene	2.097	1.972	1.935	2.023	1.850		1.975	4.7
Ethyl Benzene	2.213	2.181	2.126	2.228	2.031		2.156	3.7
m/p-Xylenes	0.838	0.817	0.780	0.808	0.719		0.792	5.8
o-Xylene	0.841	0.823	0.787	0.800	0.726		0.795	5.5
1,2-Dichloroethane-d4	2.935	2.867	2.905	2.916	2.857		2.896	1.1
Toluene-d8	1.674	1.620	1.622	1.634	1.609		1.632	1.5
4-Bromofluorobenzene	0.579	0.578	0.588	0.586	0.582		0.583	0.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 624X011625W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Jan 17 01:21:41 2025
Response Via : Initial Calibration

Calibration Files
5 =VX044659.D 20 =VX044660.D 50 =VX044661.D 100 =VX044662.D 150 =VX044663.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	2.532	2.647	2.555	2.990	2.611	2.667	6.98
3)	M	Chloromethane	2.821	2.891	2.775	2.910	2.632	2.806	3.97
4)	M	Vinyl Chloride	2.718	2.750	2.650	2.953	2.656	2.745	4.49
5)	M	Bromomethane	0.720	0.648	0.619	0.683	0.647	0.663	5.89
6)	M	Chloroethane	0.337	0.431	0.443	0.506	0.459	0.435	14.18
7)	M	Trichlorofluorom...	3.012	2.966	2.841	3.281	2.932	3.006	5.52
8)	T	Diethyl Ether	1.186	1.152	1.114	1.214	1.133	1.160	3.48
9)		1,1,2-Trichlorot...	2.135	2.090	2.010	2.424	2.111	2.154	7.34
10)	M	1,1-Dichloroethene	2.310	2.167	2.109	2.359	2.134	2.216	5.05
11)		Methyl Iodide	3.030	3.123	3.066	3.170	2.965	3.071	2.60
12)		Methyl Acetate	3.129	3.141	3.211	3.540	3.155	3.235	5.35
13)	M	Acrolein	0.481	0.295	0.325	0.353	0.335	0.358	20.13
14)	M	Acrylonitrile	1.225	1.195	1.163	1.234	1.078	1.179	5.35
15)	M	Acetone	0.336	0.311	0.307	0.335	0.292	0.316	6.01
16)	M	Carbon Disulfide	6.007	6.100	6.013	6.600	6.072	6.158	4.06
17)		Allyl chloride	3.852	4.047	3.933	4.277	3.871	3.996	4.37
18)	M	Methylene Chloride	2.516	2.531	2.426	2.551	2.375	2.480	3.05
19)	M	trans-1,2-Dichlo...	2.273	2.202	2.143	2.306	2.094	2.203	4.00
20)	T	Diisopropyl ether	7.531	7.477	7.136	7.411	6.711	7.253	4.68
21)	M	1,1-Dichloroethane	4.238	4.335	4.228	4.546	4.166	4.303	3.46
22)	M	cis-1,2-Dichloro...	2.682	2.813	2.656	2.863	2.622	2.727	3.84
23)	M	tert-Butyl Alcohol	0.665	0.584	0.542	0.568	0.492	0.570	11.14
24)	M	Methyl tert-Buty...	7.881	7.826	7.445	7.974	7.263	7.678	4.00
25)	M	Chloroform	4.285	4.354	4.180	4.469	4.089	4.275	3.46
26)		Cyclohexane	3.790	3.587	3.386	3.928	3.390	3.616	6.66
27)	s	1,2-Dichloroetha...	2.935	2.867	2.905	2.916	2.857	2.896	1.14
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.533	0.520	0.505	0.550	0.501	0.522	3.88
30)	M	2-Butanone	0.302	0.295	0.285	0.292	0.260	0.287	5.57
31)		2,2-Dichloropropane	0.766	0.729	0.693	0.741	0.681	0.722	4.84
32)	M	1,1,1-Trichloroe...	0.729	0.702	0.665	0.708	0.654	0.692	4.54
33)	M	Carbon Tetrachlo...	0.616	0.587	0.558	0.605	0.551	0.583	4.83
34)	M	Benzene	1.720	1.726	1.635	1.681	1.562	1.665	4.09
35)		Methacrylonitrile	0.329	0.324	0.317	0.333	0.299	0.320	4.15
36)	M	1,2-Dichloroethane	0.610	0.616	0.579	0.607	0.563	0.595	3.81
37)	M	Trichloroethene	0.394	0.405	0.394	0.424	0.393	0.402	3.29
38)		Methylcyclohexane	0.728	0.692	0.669	0.776	0.680	0.709	6.16
39)	M	1,2-Dichloropropane	0.416	0.428	0.415	0.423	0.394	0.415	3.17
40)		Dibromomethane	0.319	0.314	0.302	0.313	0.295	0.309	3.22
41)	M	Bromodichloromet...	0.667	0.655	0.628	0.638	0.598	0.637	4.14
42)	M	Vinyl Acetate	1.208	1.187	1.120	1.142	1.035	1.138	5.94
43)		Ethyl Acetate	0.539	0.592	0.552	0.593	0.535	0.562	5.11
44)		Isopropyl Acetate	1.016	1.043	1.000	1.033	0.959	1.010	3.26
45)	T	1,4-Dioxane	0.011	0.010	0.010	0.009	0.008	0.010	9.48
46)		Methyl methacrylate	0.506	0.509	0.495	0.501	0.462	0.494	3.83
47)		n-amyl Acetate	0.883	0.902	0.847	0.840	0.767	0.848	6.11
48)	M	t-1,3-Dichloropr...	0.673	0.696	0.675	0.685	0.635	0.673	3.38
49)	T	cis-1,3-Dichloro...	0.737	0.748	0.719	0.731	0.671	0.721	4.16
50)	M	1,1,2-Trichloroe...	0.425	0.419	0.398	0.391	0.355	0.397	6.96
51)		Ethyl methacrylate	0.711	0.720	0.704	0.688	0.630	0.691	5.22
52)		1,3-Dichloropropane	0.737	0.718	0.678	0.680	0.624	0.687	6.35
53)	M	Dibromochloromet...	0.507	0.503	0.469	0.468	0.428	0.475	6.76
54)	M	1,2-Dibromoethane	0.449	0.440	0.417	0.414	0.380	0.420	6.44
55)	M	2-Chloroethyl vi...	0.376	0.351	0.338	0.309	0.302	0.335	9.10
56)	M	Bromoform	0.340	0.324	0.314	0.310	0.287	0.315	6.19

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 624X011625W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.685	0.649	0.618	0.638	0.572	0.632	6.60
59)	M	2-Hexanone	0.503	0.474	0.451	0.470	0.417	0.463	6.86
60)	S	4-Bromofluoroben...	0.579	0.578	0.588	0.586	0.582	0.583	0.75
61)	M	Tetrachloroethene	0.365	0.350	0.349	0.387	0.348	0.360	4.71
62)	M	Toluene	2.097	1.972	1.935	2.023	1.850	1.975	4.69
63)	S	Toluene-d8	1.674	1.620	1.622	1.634	1.609	1.632	1.53
64)	M	Chlorobenzene	1.275	1.230	1.215	1.256	1.157	1.227	3.70
65)		1,1,1,2-Tetrachl...	0.460	0.445	0.433	0.449	0.417	0.441	3.68
66)	M	Ethyl Benzene	2.213	2.181	2.126	2.228	2.031	2.156	3.71
67)	M	m/p-Xylenes	0.838	0.817	0.780	0.808	0.719	0.792	5.82
68)	M	o-Xylene	0.841	0.823	0.787	0.800	0.726	0.795	5.53
69)	M	Styrene	1.363	1.358	1.291	1.322	1.196	1.306	5.19
70)		Isopropylbenzene	2.139	2.047	1.942	2.041	1.828	1.999	5.92
71)	M	1,1,2,2-Tetrachl...	0.749	0.684	0.650	0.671	0.607	0.672	7.74
72)		1,2,3-Trichlorop...	0.594	0.582	0.560	0.574	0.518	0.565	5.19
73)		Bromobenzene	0.488	0.476	0.458	0.470	0.437	0.466	4.16
74)		n-propylbenzene	2.310	2.311	2.237	2.371	2.126	2.271	4.13
75)		2-Chlorotoluene	1.514	1.469	1.400	1.437	1.318	1.428	5.22
76)		1,3,5-Trimethylb...	1.743	1.677	1.602	1.640	1.457	1.624	6.59
77)		t-1,4-Dichloro-2...	0.283	0.267	0.259	0.278	0.251	0.268	4.92
78)		4-Chlorotoluene	1.655	1.609	1.552	1.602	1.448	1.573	5.03
79)		tert-butylbenzene	1.815	1.730	1.625	1.675	1.496	1.668	7.17
80)		1,2,4-Trimethylb...	1.748	1.689	1.602	1.660	1.492	1.638	5.93
81)		sec-Butylbenzene	2.100	2.035	1.947	2.048	1.830	1.992	5.33
82)		p-Isopropyltoluene	1.701	1.683	1.602	1.690	1.520	1.639	4.71
83)	M	1,3-Dichlorobenzene	0.829	0.841	0.819	0.858	0.789	0.827	3.13
84)	M	1,4-Dichlorobenzene	0.809	0.833	0.797	0.841	0.775	0.811	3.30
85)		n-Butylbenzene	1.363	1.419	1.407	1.536	1.379	1.421	4.80
86)	T	Hexachloroethane	0.395	0.360	0.346	0.367	0.335	0.361	6.39
87)	M	1,2-Dichlorobenzene	0.873	0.852	0.816	0.836	0.754	0.826	5.51
88)		1,2-Dibromo-3-Ch...	0.185	0.159	0.153	0.163	0.150	0.162	8.44
89)		1,2,4-Trichlorob...	0.477	0.496	0.506	0.562	0.526	0.513	6.33
90)		Hexachlorobutadiene	0.202	0.199	0.190	0.207	0.194	0.199	3.36
91)	M	Naphthalene	1.885	1.938	1.905	2.019	1.857	1.921	3.24
92)		1,2,3-Trichlorob...	0.492	0.526	0.518	0.554	0.522	0.522	4.29

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044659.D
Acq On : 16 Jan 2025 08:39
Operator :
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 00:59:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.891	128	31935	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	175523	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	154224	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	93745	30.407	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.367%			
60) 4-Bromofluorobenzene	11.079	95	89238	29.790	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.300%			
63) Toluene-d8	8.641	98	258118	30.772	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.567%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	13478m	5.255	ug/l	
3) Chloromethane	1.294	50	15014	5.027	ug/l	99
4) Vinyl Chloride	1.374	62	14464	4.949	ug/l	93
5) Bromomethane	1.593	94	3833	5.432	ug/l	97
6) Chloroethane	1.660	64	1795	3.804	ug/l	91
7) Trichlorofluoromethane	1.867	101	16029	5.008	ug/l	96
8) Diethyl Ether	2.130	74	6314	5.114	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	11362	4.955	ug/l	99
10) 1,1-Dichloroethene	2.306	96	12297	5.213	ug/l	93
11) Methyl Iodide	2.441	142	16127	4.934	ug/l	98
12) Methyl Acetate	2.703	43	16652	4.835	ug/l	100
13) Acrolein	2.233	56	12799	33.611	ug/l	99
14) Acrylonitrile	3.062	53	32592	25.973	ug/l	99
15) Acetone	2.386	58	8941	26.553	ug/l	95
16) Carbon Disulfide	2.501	76	31970	4.877	ug/l	98
17) Allyl chloride	2.654	41	20504	4.820	ug/l	99
18) Methylene Chloride	2.782	84	13392	5.071	ug/l	88
19) trans-1,2-Dichloroethene	3.081	96	12096	5.157	ug/l	90
20) Diisopropyl ether	3.757	45	40086	5.192	ug/l #	86
21) 1,1-Dichloroethane	3.599	63	22559	4.925	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	14274	4.917	ug/l	94
23) tert-Butyl Alcohol	2.977	59	17704m	32.520	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	41947	5.132	ug/l	100
25) Chloroform	5.080	83	22809	5.012	ug/l	98
26) Cyclohexane	5.452	56	20174	5.241	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	15595	5.108	ug/l	96
30) 2-Butanone	4.562	43	44109	26.301	ug/l	99
31) 2,2-Dichloropropane	4.458	77	22402m	5.303	ug/l	
32) 1,1,1-Trichloroethane	5.373	97	21324	5.270	ug/l	100
33) Carbon Tetrachloride	5.659	117	18012	5.277	ug/l	94
34) Benzene	6.025	78	50311	5.165	ug/l	100
35) Methacrylonitrile	4.922	41	9621	5.133	ug/l	96
36) 1,2-Dichloroethane	6.080	62	17847	5.125	ug/l #	92
37) Trichloroethene	7.116	130	11515	4.896	ug/l	98
38) Methylcyclohexane	7.366	83	21311	5.138	ug/l	99
39) 1,2-Dichloropropane	7.421	63	12181	5.015	ug/l	93
40) Dibromomethane	7.574	93	9326	5.165	ug/l	96
41) Bromodichloromethane	7.818	83	19506	5.231	ug/l	97
42) Vinyl Acetate	3.715	43	176672	26.526	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044659.D
Acq On : 16 Jan 2025 08:39
Operator :
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 00:59:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.714	43	15761	4.791 ug/l #	95
44) Isopropyl Acetate	6.342	43	29728	5.030 ug/l	99
45) 1,4-Dioxane	7.671	88	6188	109.953 ug/l	98
46) Methyl methacrylate	7.696	41	14808	5.119 ug/l	91
47) n-amyl Acetate	10.841	43	25825	5.207 ug/l	100
48) t-1,3-Dichloropropene	8.976	75	19698	5.005 ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	21573	5.112 ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	12425	5.334 ug/l	95
51) Ethyl methacrylate	9.116	69	20798	5.148 ug/l	95
52) 1,3-Dichloropropane	9.305	76	21568	5.362 ug/l	99
53) Dibromochloromethane	9.518	129	14835	5.338 ug/l	97
54) 1,2-Dibromoethane	9.610	107	13144	5.346 ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	55031	28.109 ug/l	100
56) Bromoform	10.799	173	9949	5.399 ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	88064	27.090 ug/l	100
59) 2-Hexanone	9.433	43	64656	27.167 ug/l	99
61) Tetrachloroethene	9.269	164	9388	5.075 ug/l	94
62) Toluene	8.714	91	53894	5.307 ug/l	97
64) Chlorobenzene	10.073	112	32777	5.197 ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	11815	5.215 ug/l	97
66) Ethyl Benzene	10.189	91	56887	5.133 ug/l	99
67) m/p-Xylenes	10.299	106	43104	10.581 ug/l	99
68) o-Xylene	10.640	106	21611	5.286 ug/l	99
69) Styrene	10.652	104	35022	5.217 ug/l	99
70) Isopropylbenzene	10.957	105	54978	5.349 ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	19252	5.562 ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	15260m	5.249 ug/l	
73) Bromobenzene	11.195	156	12540	5.237 ug/l	98
74) n-propylbenzene	11.299	91	59373	5.082 ug/l	99
75) 2-Chlorotoluene	11.360	91	38923	5.300 ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	44812	5.369 ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	7275	5.290 ug/l	95
78) 4-Chlorotoluene	11.451	91	42547	5.261 ug/l	100
79) tert-butylbenzene	11.713	119	46656	5.441 ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	44923	5.334 ug/l	99
81) sec-Butylbenzene	11.890	105	53980	5.272 ug/l	98
82) p-Isopropyltoluene	12.006	119	43716	5.187 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	21317	5.012 ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	20782	4.984 ug/l	100
85) n-Butylbenzene	12.329	91	35040	4.797 ug/l	99
86) Hexachloroethane	12.536	117	10162	5.481 ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	22448	5.286 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	4748	5.705 ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	12251	4.642 ug/l	99
90) Hexachlorobutadiene	13.719	225	5203	5.096 ug/l	98
91) Naphthalene	13.774	128	48452	4.907 ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	12639	4.708 ug/l	98

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

ICAL Form

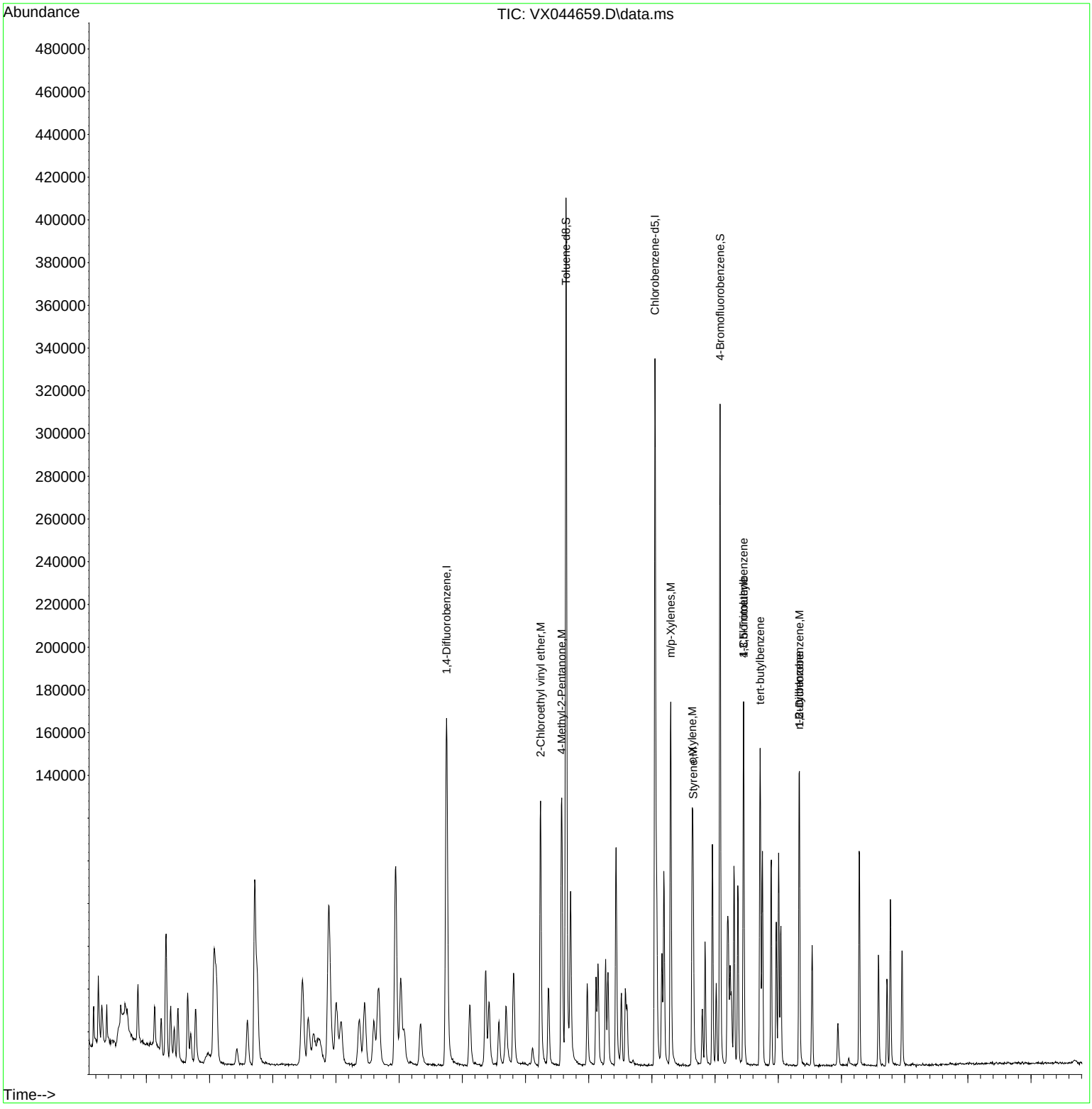
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044659.D
Acq On : 16 Jan 2025 08:39
Operator :
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 00:59:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044660.D
Acq On : 16 Jan 2025 09:02
Operator :
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:00:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.891	128	33434	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	183316	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	165841	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	95855	29.698	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.000%			
60) 4-Bromofluorobenzene	11.079	95	95915	29.776	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.267%			
63) Toluene-d8	8.641	98	268606	29.779	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.267%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	59011	21.978	ug/l	100
3) Chloromethane	1.301	50	64444	20.609	ug/l	100
4) Vinyl Chloride	1.374	62	61288	20.032	ug/l	100
5) Bromomethane	1.593	94	14449	19.557	ug/l	100
6) Chloroethane	1.666	64	9612	19.455	ug/l	100
7) Trichlorofluoromethane	1.867	101	66116	19.733	ug/l	100
8) Diethyl Ether	2.136	74	25682	19.869	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	46585	19.407	ug/l	100
10) 1,1-Dichloroethene	2.313	96	48300	19.557	ug/l	100
11) Methyl Iodide	2.447	142	69610	20.341	ug/l	100
12) Methyl Acetate	2.703	43	70020	19.421	ug/l	100
13) Acrolein	2.239	56	32834	82.358	ug/l	100
14) Acrylonitrile	3.062	53	133148	101.348	ug/l	100
15) Acetone	2.386	58	34632	98.240	ug/l	100
16) Carbon Disulfide	2.502	76	135960	19.810	ug/l	100
17) Allyl chloride	2.654	41	90204	20.254	ug/l	100
18) Methylene Chloride	2.782	84	56413	20.405	ug/l	100
19) trans-1,2-Dichloroethene	3.081	96	49084	19.989	ug/l	100
20) Diisopropyl ether	3.757	45	166654	20.616	ug/l	100
21) 1,1-Dichloroethane	3.605	63	96629	20.151	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	62694	20.628	ug/l	100
23) tert-Butyl Alcohol	2.977	59	65050m	114.131	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	174439	20.386	ug/l	100
25) Chloroform	5.086	83	97039	20.366	ug/l	100
26) Cyclohexane	5.458	56	79956	19.839	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	63605	19.948	ug/l	100
30) 2-Butanone	4.556	43	180079	102.811	ug/l	100
31) 2,2-Dichloropropane	4.471	77	89122	20.198	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	85820	20.310	ug/l	100
33) Carbon Tetrachloride	5.666	117	71722	20.121	ug/l	100
34) Benzene	6.031	78	210959	20.737	ug/l	100
35) Methacrylonitrile	4.922	41	39575	20.216	ug/l	100
36) 1,2-Dichloroethane	6.080	62	75287	20.699	ug/l	100
37) Trichloroethene	7.123	130	49474	20.143	ug/l	100
38) Methylcyclohexane	7.373	83	84540	19.514	ug/l	100
39) 1,2-Dichloropropane	7.421	63	52299	20.616	ug/l	100
40) Dibromomethane	7.580	93	38410	20.366	ug/l	100
41) Bromodichloromethane	7.818	83	80017	20.548	ug/l	100
42) Vinyl Acetate	3.715	43	725170	104.251	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044660.D
Acq On : 16 Jan 2025 09:02
Operator :
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:00:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.715	43	72396m	21.071 ug/l	
44) Isopropyl Acetate	6.336	43	127474	20.652 ug/l	100
45) 1,4-Dioxane	7.677	88	25021	425.692 ug/l	100
46) Methyl methacrylate	7.690	41	62145	20.568 ug/l	100
47) n-amyl Acetate	10.841	43	110225	21.278 ug/l	100
48) t-1,3-Dichloropropene	8.976	75	85014	20.683 ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	91440	20.747 ug/l	100
50) 1,1,2-Trichloroethane	9.147	97	51190	21.040 ug/l	100
51) Ethyl methacrylate	9.116	69	88025	20.861 ug/l	100
52) 1,3-Dichloropropane	9.305	76	87800	20.900 ug/l	100
53) Dibromochloromethane	9.519	129	61431	21.165 ug/l	100
54) 1,2-Dibromoethane	9.604	107	53825	20.963 ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	214240	104.779 ug/l	100
56) Bromoform	10.799	173	39538	20.544 ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	358614	102.588 ug/l	100
59) 2-Hexanone	9.433	43	261785	102.292 ug/l	100
61) Tetrachloroethene	9.269	164	38724	19.466 ug/l	100
62) Toluene	8.714	91	218070	19.970 ug/l	100
64) Chlorobenzene	10.073	112	136037	20.059 ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	49228	20.207 ug/l	100
66) Ethyl Benzene	10.189	91	241177	20.238 ug/l	100
67) m/p-Xylenes	10.299	106	180626	41.233 ug/l	100
68) o-Xylene	10.640	106	90982	20.694 ug/l	100
69) Styrene	10.652	104	150095	20.793 ug/l	100
70) Isopropylbenzene	10.957	105	226317	20.476 ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	75650	20.326 ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	64385m	20.597 ug/l	
73) Bromobenzene	11.195	156	52618	20.435 ug/l	100
74) n-propylbenzene	11.299	91	255513	20.339 ug/l	100
75) 2-Chlorotoluene	11.360	91	162457	20.573 ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	185378	20.653 ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	29516	19.959 ug/l	100
78) 4-Chlorotoluene	11.451	91	177891	20.455 ug/l	100
79) tert-butylbenzene	11.713	119	191290	20.745 ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	186763	20.623 ug/l	100
81) sec-Butylbenzene	11.890	105	224992	20.434 ug/l	100
82) p-Isopropyltoluene	12.006	119	186107	20.537 ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	92976	20.330 ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	92092	20.540 ug/l	100
85) n-Butylbenzene	12.329	91	156896	19.973 ug/l	100
86) Hexachloroethane	12.536	117	39754	19.941 ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	94144	20.614 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	17538	19.597 ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	54885	19.338 ug/l	100
90) Hexachlorobutadiene	13.725	225	21996	20.036 ug/l	100
91) Naphthalene	13.774	128	214309	20.183 ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	58101	20.127 ug/l	100

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

ICAL Form

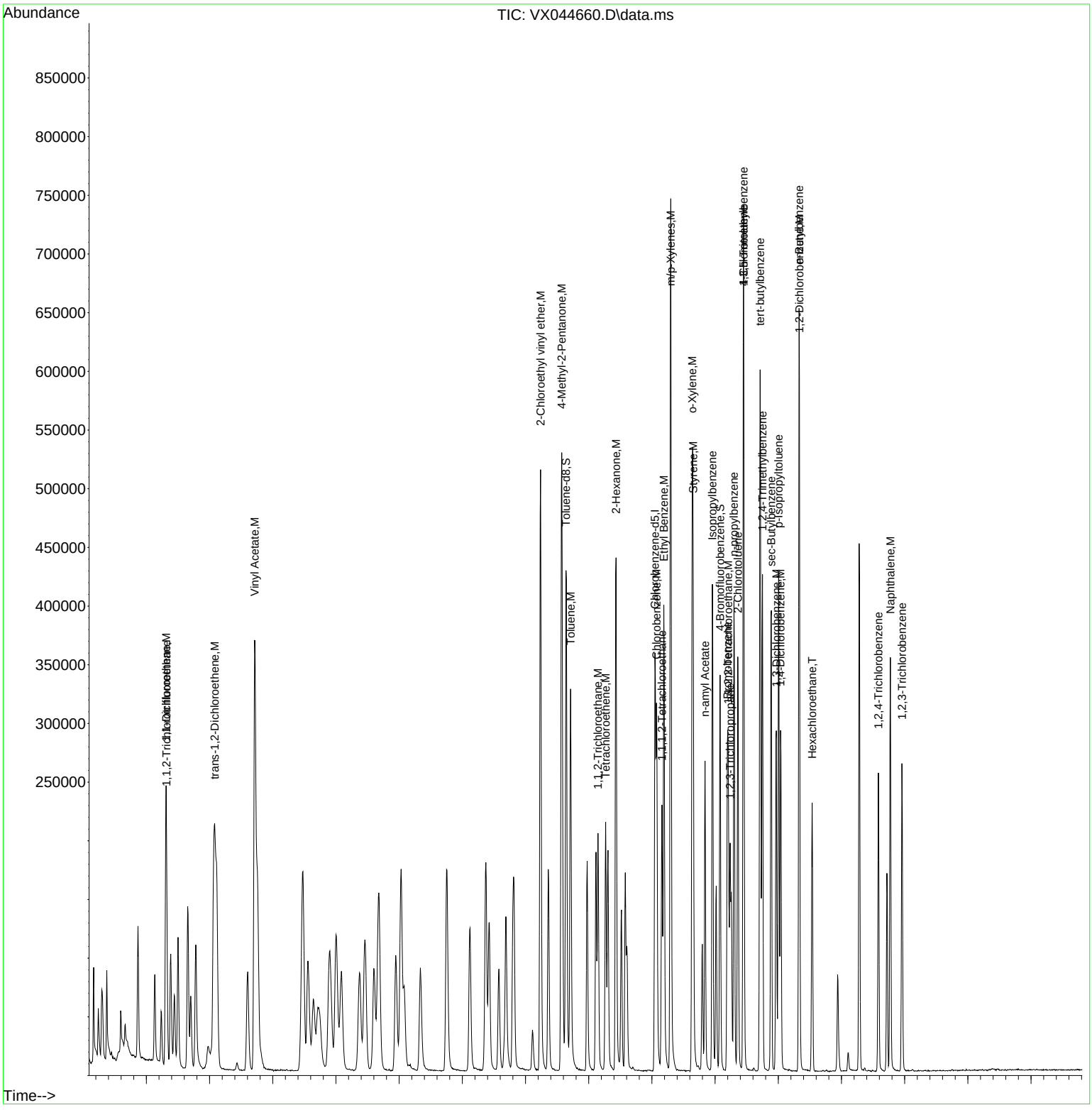
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044660.D
Acq On : 16 Jan 2025 09:02
Operator :
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:00:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044661.D
Acq On : 16 Jan 2025 09:25
Operator :
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:01:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.891	128	31946	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	176401	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	156058	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92806	30.092	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.300%			
60) 4-Bromofluorobenzene	11.079	95	91788	30.281	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.933%			
63) Toluene-d8	8.647	98	253105	29.819	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	136053	53.031	ug/l	99
3) Chloromethane	1.294	50	147748	49.450	ug/l	98
4) Vinyl Chloride	1.374	62	141110	48.270	ug/l	98
5) Bromomethane	1.593	94	32943	46.667	ug/l	100
6) Chloroethane	1.660	64	23580	49.950	ug/l	98
7) Trichlorofluoromethane	1.867	101	151253	47.245	ug/l	100
8) Diethyl Ether	2.136	74	59325	48.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106998	46.650	ug/l	99
10) 1,1-Dichloroethene	2.306	96	112301	47.590	ug/l	94
11) Methyl Iodide	2.441	142	163230	49.919	ug/l	98
12) Methyl Acetate	2.703	43	170946	49.623	ug/l	100
13) Acrolein	2.233	56	86575	227.272	ug/l	99
14) Acrylonitrile	3.062	53	309583	246.621	ug/l	100
15) Acetone	2.386	58	81812	242.884	ug/l	94
16) Carbon Disulfide	2.501	76	320132	48.818	ug/l	100
17) Allyl chloride	2.654	41	209402	49.209	ug/l	99
18) Methylene Chloride	2.782	84	129192	48.907	ug/l	99
19) trans-1,2-Dichloroethene	3.081	96	114074	48.618	ug/l	98
20) Diisopropyl ether	3.757	45	379943	49.191	ug/l	97
21) 1,1-Dichloroethane	3.605	63	225092	49.127	ug/l	97
22) cis-1,2-Dichloroethene	4.477	96	141413	48.695	ug/l	98
23) tert-Butyl Alcohol	2.977	59	144322m	265.008	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	396412	48.485	ug/l	99
25) Chloroform	5.086	83	222532	48.880	ug/l	96
26) Cyclohexane	5.458	56	180292	46.819	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	148511	48.402	ug/l	99
30) 2-Butanone	4.556	43	419491	248.886	ug/l	99
31) 2,2-Dichloropropane	4.465	77	203849	48.011	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	195383	48.051	ug/l	99
33) Carbon Tetrachloride	5.672	117	164089	47.839	ug/l	98
34) Benzene	6.031	78	480821	49.118	ug/l	99
35) Methacrylonitrile	4.916	41	93262	49.509	ug/l	98
36) 1,2-Dichloroethane	6.080	62	170346	48.671	ug/l	99
37) Trichloroethene	7.116	130	115805	48.998	ug/l	95
38) Methylcyclohexane	7.373	83	196645	47.170	ug/l	99
39) 1,2-Dichloropropane	7.427	63	121901	49.937	ug/l	97
40) Dibromomethane	7.574	93	88733	48.894	ug/l	99
41) Bromodichloromethane	7.818	83	184753	49.303	ug/l	99
42) Vinyl Acetate	3.715	43	1646712	246.012	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044661.D
Acq On : 16 Jan 2025 09:25
Operator :
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:01:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.708	43	162349	49.103 ug/l #	94
44) Isopropyl Acetate	6.336	43	293976	49.493 ug/l	98
45) 1,4-Dioxane	7.671	88	56732	1003.041 ug/l	98
46) Methyl methacrylate	7.690	41	145468	50.033 ug/l	99
47) n-amyl Acetate	10.841	43	248981	49.948 ug/l	99
48) t-1,3-Dichloropropene	8.976	75	198307	50.138 ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	211446	49.856 ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	117115	50.024 ug/l	97
51) Ethyl methacrylate	9.116	69	206891	50.954 ug/l	99
52) 1,3-Dichloropropane	9.305	76	199192	49.275 ug/l	98
53) Dibromochloromethane	9.518	129	137982	49.404 ug/l	98
54) 1,2-Dibromoethane	9.604	107	122664	49.646 ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	496129	252.154 ug/l	100
56) Bromoform	10.799	173	92355	49.868 ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	804113	244.450 ug/l	99
59) 2-Hexanone	9.433	43	586563	243.566 ug/l	99
61) Tetrachloroethene	9.269	164	90750	48.479 ug/l	98
62) Toluene	8.714	91	503289	48.978 ug/l	98
64) Chlorobenzene	10.073	112	316113	49.533 ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	112521	49.083 ug/l	99
66) Ethyl Benzene	10.189	91	552973	49.310 ug/l	99
67) m/p-Xylenes	10.299	106	405714	98.422 ug/l	99
68) o-Xylene	10.640	106	204604	49.454 ug/l	100
69) Styrene	10.652	104	335834	49.440 ug/l	100
70) Isopropylbenzene	10.957	105	505061	48.560 ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	168965	48.244 ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	145534m	49.476 ug/l	
73) Bromobenzene	11.195	156	119195	49.194 ug/l	99
74) n-propylbenzene	11.299	91	581862	49.219 ug/l	100
75) 2-Chlorotoluene	11.360	91	364136	49.004 ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	416769	49.342 ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	67311	48.369 ug/l	97
78) 4-Chlorotoluene	11.451	91	403646	49.323 ug/l	100
79) tert-butylbenzene	11.713	119	422625	48.705 ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	416772	48.906 ug/l	99
81) sec-Butylbenzene	11.890	105	506286	48.863 ug/l	100
82) p-Isopropyltoluene	12.006	119	416615	48.855 ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	213035	49.501 ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	207367	49.151 ug/l	100
85) n-Butylbenzene	12.329	91	365981	49.510 ug/l	98
86) Hexachloroethane	12.536	117	89957	47.953 ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	212294	49.399 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	39899	47.378 ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	131622	49.284 ug/l	99
90) Hexachlorobutadiene	13.725	225	49464	47.882 ug/l	98
91) Naphthalene	13.774	128	495557	49.597 ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	134623	49.560 ug/l	99

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

ICAL Form

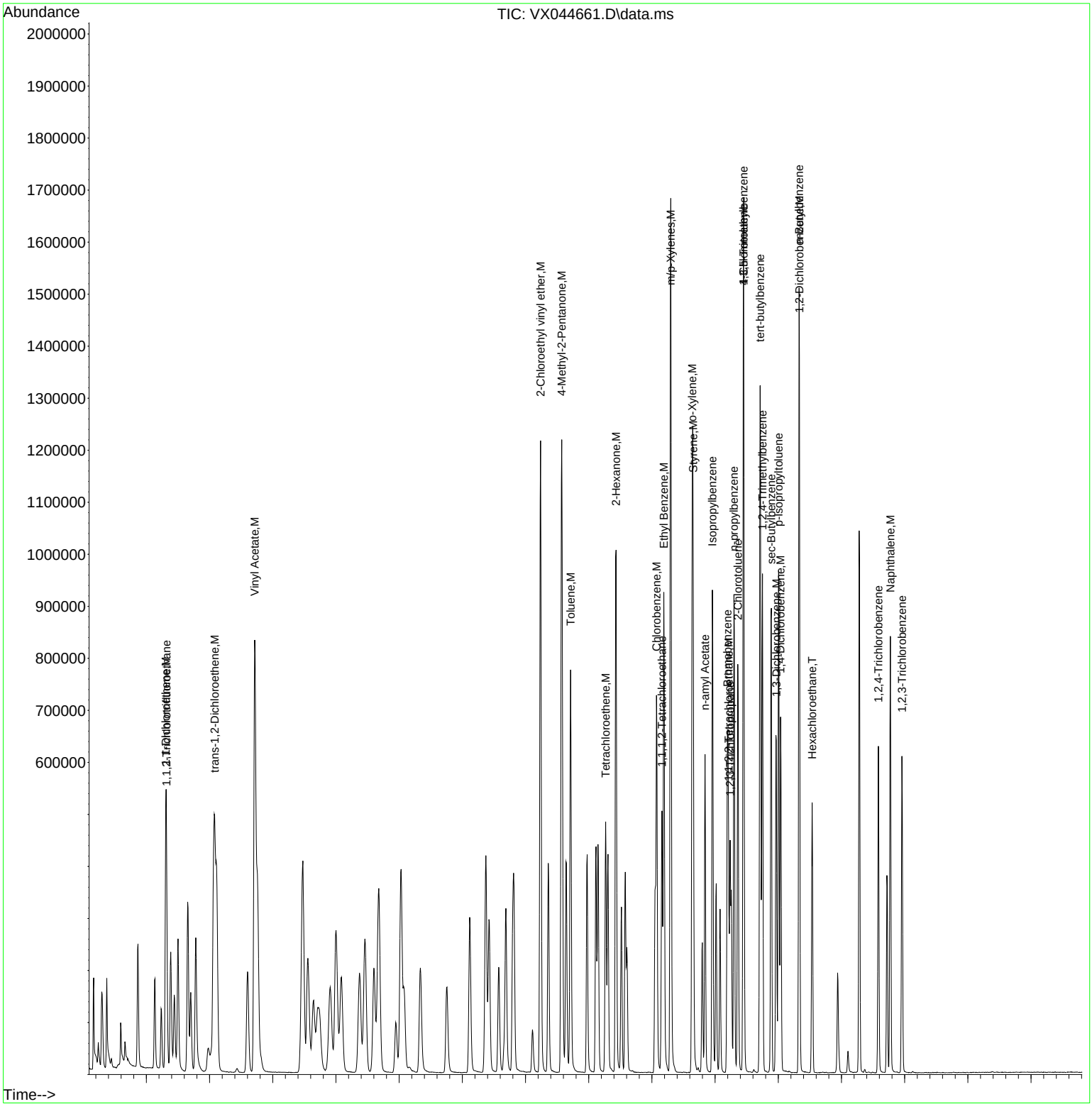
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044661.D
Acq On : 16 Jan 2025 09:25
Operator :
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 17 01:01:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044662.D
Acq On : 16 Jan 2025 09:49
Operator :
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:02:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.891	128	26822	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	152295	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	129735	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	78213	30.205	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.700%			
60) 4-Bromofluorobenzene	11.079	95	76025	30.170	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.567%			
63) Toluene-d8	8.647	98	211985	30.042	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.133%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	267360m	124.121	ug/l	
3) Chloromethane	1.294	50	260185	103.718	ug/l	100
4) Vinyl Chloride	1.374	62	264006	107.561	ug/l	97
5) Bromomethane	1.593	94	61090	103.072	ug/l	97
6) Chloroethane	1.660	64	45219	114.088	ug/l	95
7) Trichlorofluoromethane	1.861	101	293373	109.142	ug/l	98
8) Diethyl Ether	2.136	74	108527	104.658	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	216700	112.529	ug/l	98
10) 1,1-Dichloroethene	2.307	96	210933	106.464	ug/l	96
11) Methyl Iodide	2.441	142	283426	103.236	ug/l	98
12) Methyl Acetate	2.703	43	316480	109.420	ug/l	99
13) Acrolein	2.239	56	157728	493.161	ug/l	99
14) Acrylonitrile	3.062	53	551693	523.451	ug/l	100
15) Acetone	2.386	58	149940	530.181	ug/l	94
16) Carbon Disulfide	2.495	76	590082	107.175	ug/l	100
17) Allyl chloride	2.654	41	382410	107.032	ug/l	99
18) Methylene Chloride	2.782	84	228084	102.839	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	206160	104.651	ug/l	97
20) Diisopropyl ether	3.757	45	662597	102.175	ug/l	95
21) 1,1-Dichloroethane	3.599	63	406465	105.660	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	255966	104.980	ug/l	98
23) tert-Butyl Alcohol	3.044	59	253812m	555.091	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	712903	103.853	ug/l	99
25) Chloroform	5.086	83	399572	104.534	ug/l	96
26) Cyclohexane	5.458	56	351156	108.611	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	279081	105.354	ug/l	99
30) 2-Butanone	4.556	43	740025	508.557	ug/l	100
31) 2,2-Dichloropropane	4.465	77	376371	102.674	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	359473	102.399	ug/l	99
33) Carbon Tetrachloride	5.666	117	306978	103.662	ug/l	97
34) Benzene	6.025	78	853368	100.973	ug/l	99
35) Methacrylonitrile	4.916	41	168983	103.905	ug/l	98
36) 1,2-Dichloroethane	6.080	62	308254	102.014	ug/l	100
37) Trichloroethene	7.117	130	215237	105.483	ug/l	95
38) Methylcyclohexane	7.373	83	393920	109.448	ug/l	99
39) 1,2-Dichloropropane	7.421	63	214812	101.928	ug/l	98
40) Dibromomethane	7.574	93	159130	101.563	ug/l	99
41) Bromodichloromethane	7.818	83	324068	100.170	ug/l	98
42) Vinyl Acetate	3.715	43	2899515	501.741	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044662.D
Acq On : 16 Jan 2025 09:49
Operator :
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:02:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.708	43	301278	105.547 ug/l #	94
44) Isopropyl Acetate	6.336	43	524207	102.223 ug/l	99
45) 1,4-Dioxane	7.671	88	95678	1959.377 ug/l	96
46) Methyl methacrylate	7.690	41	254259	101.293 ug/l	99
47) n-amyl Acetate	10.842	43	426497	99.102 ug/l	99
48) t-1,3-Dichloropropene	8.976	75	347499	101.765 ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	370879	101.289 ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	198320	98.117 ug/l	99
51) Ethyl methacrylate	9.116	69	349309	99.647 ug/l	98
52) 1,3-Dichloropropane	9.305	76	345352	98.954 ug/l	99
53) Dibromochloromethane	9.519	129	237742	98.596 ug/l	98
54) 1,2-Dibromoethane	9.604	107	210275	98.575 ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	784090	461.586 ug/l	100
56) Bromoform	10.799	173	157528	98.522 ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	1379048	504.291 ug/l	99
59) 2-Hexanone	9.433	43	1016466	507.718 ug/l	99
61) Tetrachloroethene	9.269	164	167502	107.635 ug/l	98
62) Toluene	8.714	91	874711	102.394 ug/l	99
64) Chlorobenzene	10.073	112	543310	102.407 ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	193974	101.781 ug/l	100
66) Ethyl Benzene	10.189	91	963283	103.326 ug/l	98
67) m/p-Xylenes	10.299	106	698697	203.888 ug/l	99
68) o-Xylene	10.640	106	346159	100.645 ug/l	100
69) Styrene	10.653	104	571513	101.207 ug/l	99
70) Isopropylbenzene	10.957	105	882679	102.087 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	290188	99.668 ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	248182m	101.490 ug/l	
73) Bromobenzene	11.195	156	203263	100.912 ug/l	98
74) n-propylbenzene	11.305	91	1025231	104.320 ug/l	100
75) 2-Chlorotoluene	11.360	91	621611	100.627 ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	709035	100.977 ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	120113	103.824 ug/l	98
78) 4-Chlorotoluene	11.451	91	692856	101.840 ug/l	99
79) tert-butylbenzene	11.713	119	724166	100.390 ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	717847	101.327 ug/l	99
81) sec-Butylbenzene	11.890	105	885682	102.823 ug/l	100
82) p-Isopropyltoluene	12.006	119	730972	103.112 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	371118	103.731 ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	363763	103.715 ug/l	99
85) n-Butylbenzene	12.329	91	664449	108.125 ug/l	99
86) Hexachloroethane	12.536	117	158825	101.842 ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	361432	101.166 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	70386	100.538 ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	243086	109.487 ug/l	99
90) Hexachlorobutadiene	13.725	225	89590	104.321 ug/l	96
91) Naphthalene	13.774	128	872913	105.089 ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	239785	106.185 ug/l	99

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

ICAL Form

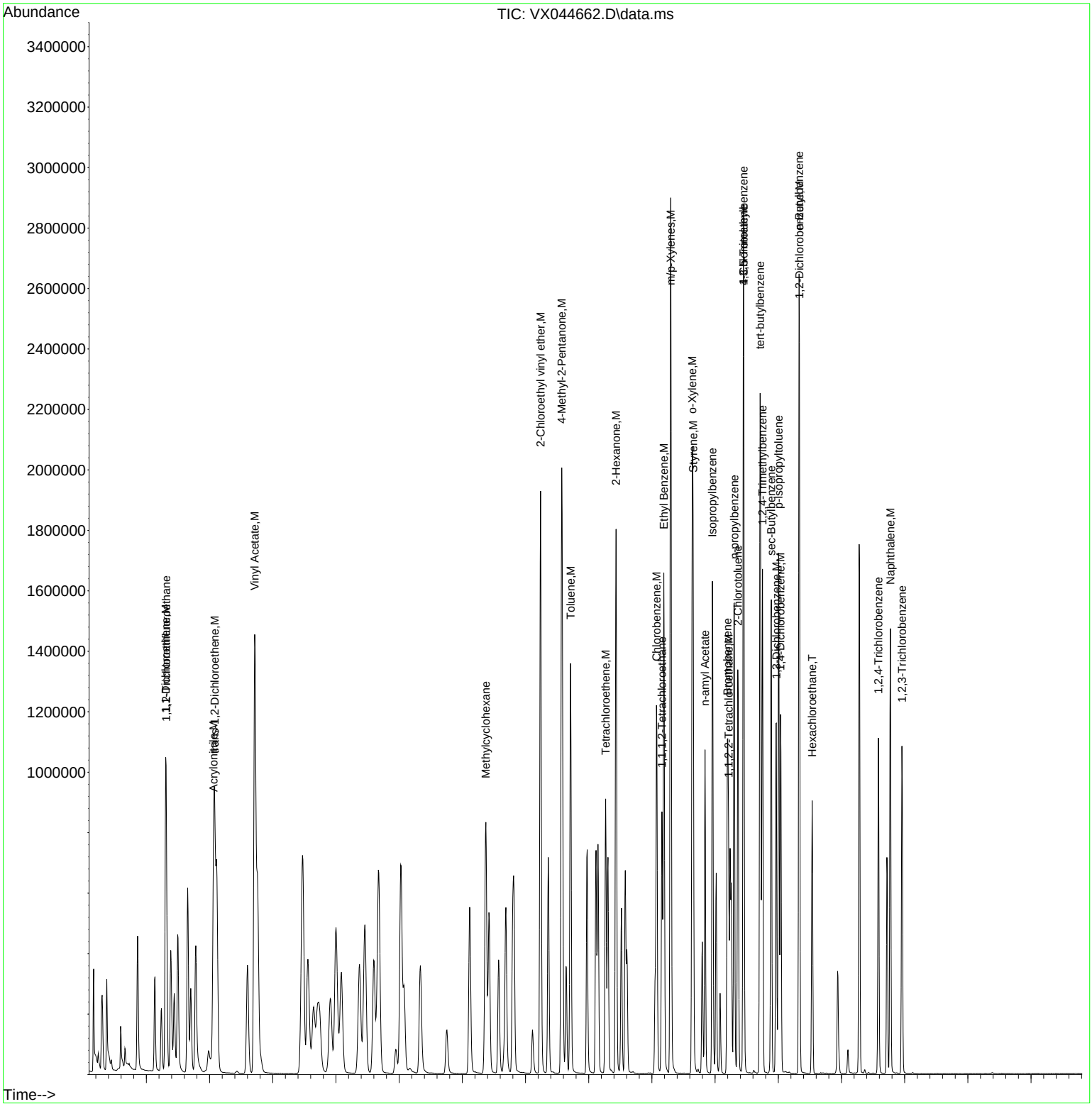
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044662.D
Acq On : 16 Jan 2025 09:49
Operator :
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 17 01:02:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044663.D
Acq On : 16 Jan 2025 10:12
Operator :
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:03:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.891	128	30265	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.757	114	168670	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.049	117	142579	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.952	65	86477	29.598	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.667%				
60) 4-Bromofluorobenzene	11.079	95	83031	29.982	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.933%				
63) Toluene-d8	8.647	98	229453	29.588	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.633%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	395126	162.568	ug/l		98
3) Chloromethane	1.301	50	398267	140.701	ug/l		99
4) Vinyl Chloride	1.374	62	401934	145.127	ug/l		98
5) Bromomethane	1.593	94	97919	146.415	ug/l		99
6) Chloroethane	1.660	64	69505	155.413	ug/l		94
7) Trichlorofluoromethane	1.867	101	443749	146.306	ug/l		98
8) Diethyl Ether	2.136	74	171385	146.474	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.319	101	319509	147.041	ug/l		99
10) 1,1-Dichloroethene	2.306	96	322881	144.428	ug/l		93
11) Methyl Iodide	2.441	142	448651	144.827	ug/l		96
12) Methyl Acetate	2.703	43	477398	146.278	ug/l		100
13) Acrolein	2.239	56	253627	702.790	ug/l		98
14) Acrylonitrile	3.068	53	815430	685.671	ug/l		100
15) Acetone	2.386	58	221043	692.682	ug/l		91
16) Carbon Disulfide	2.502	76	918806	147.895	ug/l		100
17) Allyl chloride	2.654	41	585850	145.319	ug/l		99
18) Methylene Chloride	2.782	84	359344	143.590	ug/l		97
19) trans-1,2-Dichloroethene	3.081	96	316848	142.541	ug/l		98
20) Diisopropyl ether	3.764	45	1015552	138.787	ug/l	#	87
21) 1,1-Dichloroethane	3.599	63	630418	145.234	ug/l		98
22) cis-1,2-Dichloroethene	4.477	96	396803	144.228	ug/l		98
23) tert-Butyl Alcohol	3.044	59	372252m	721.506	ug/l		
24) Methyl tert-Butyl Ether	3.111	73	1099111	141.899	ug/l		98
25) Chloroform	5.086	83	618756	143.460	ug/l		97
26) Cyclohexane	5.458	56	512956	140.607	ug/l	#	99
29) 1,1-Dichloropropene	5.684	75	422203	143.910	ug/l		99
30) 2-Butanone	4.556	43	1096527	680.393	ug/l		100
31) 2,2-Dichloropropane	4.465	77	574023	141.392	ug/l		99
32) 1,1,1-Trichloroethane	5.373	97	551364	141.813	ug/l		98
33) Carbon Tetrachloride	5.666	117	464930	141.758	ug/l		99
34) Benzene	6.031	78	1317009	140.704	ug/l		99
35) Methacrylonitrile	4.922	41	252183	140.009	ug/l		97
36) 1,2-Dichloroethane	6.080	62	475153	141.982	ug/l		99
37) Trichloroethene	7.117	130	331784	146.814	ug/l		96
38) Methylcyclohexane	7.373	83	573341	143.834	ug/l		100
39) 1,2-Dichloropropane	7.421	63	331963	142.224	ug/l		99
40) Dibromomethane	7.574	93	248648	143.290	ug/l		99
41) Bromodichloromethane	7.818	83	504431	140.783	ug/l		99
42) Vinyl Acetate	3.721	43	4362962	681.685	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044663.D
Acq On : 16 Jan 2025 10:12
Operator :
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:03:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.708	43	450860	142.615 ug/l #	94
44) Isopropyl Acetate	6.336	43	808776	142.404 ug/l	99
45) 1,4-Dioxane	7.671	88	138476	2560.521 ug/l	97
46) Methyl methacrylate	7.690	41	389600	140.143 ug/l	98
47) n-amyl Acetate	10.841	43	646879	135.718 ug/l	99
48) t-1,3-Dichloropropene	8.976	75	535738	141.659 ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	565857	139.536 ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	299288	133.695 ug/l	99
51) Ethyl methacrylate	9.116	69	531002	136.772 ug/l	98
52) 1,3-Dichloropropane	9.305	76	526192	136.132 ug/l	99
53) Dibromochloromethane	9.519	129	360540	135.007 ug/l	97
54) 1,2-Dibromoethane	9.604	107	320334	135.590 ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	1273435	676.879 ug/l	99
56) Bromoform	10.799	173	241837	136.568 ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	2037971	678.112 ug/l	100
59) 2-Hexanone	9.433	43	1486312	675.525 ug/l	100
61) Tetrachloroethene	9.269	164	247777	144.876 ug/l	98
62) Toluene	8.714	91	1318975	140.491 ug/l	99
64) Chlorobenzene	10.073	112	824684	141.439 ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	297569	142.074 ug/l	99
66) Ethyl Benzene	10.189	91	1447790	141.307 ug/l	99
67) m/p-Xylenes	10.299	106	1025226	272.222 ug/l	100
68) o-Xylene	10.640	106	517475	136.901 ug/l	99
69) Styrene	10.653	104	852764	137.409 ug/l	98
70) Isopropylbenzene	10.957	105	1303283	137.153 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	432603	135.197 ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	369195m	137.376 ug/l	
73) Bromobenzene	11.195	156	311401	140.672 ug/l	99
74) n-propylbenzene	11.305	91	1515701	140.333 ug/l	100
75) 2-Chlorotoluene	11.360	91	939369	138.367 ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1038367	134.557 ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	178978	140.770 ug/l	98
78) 4-Chlorotoluene	11.451	91	1032107	138.039 ug/l	100
79) tert-butylbenzene	11.713	119	1066193	134.489 ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	1063526	136.597 ug/l	99
81) sec-Butylbenzene	11.890	105	1304251	137.776 ug/l	100
82) p-Isopropyltoluene	12.006	119	1083858	139.117 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	562506	143.062 ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	552693	143.387 ug/l	100
85) n-Butylbenzene	12.329	91	983220	145.585 ug/l	99
86) Hexachloroethane	12.536	117	238874	139.374 ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	537434	136.879 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	106892	138.929 ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	374862	153.630 ug/l	100
90) Hexachlorobutadiene	13.725	225	138461	146.704 ug/l	98
91) Naphthalene	13.774	128	1323609	144.994 ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	371865	149.840 ug/l	99

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

Quantitation Report (QT Reviewed)

ICAL Form

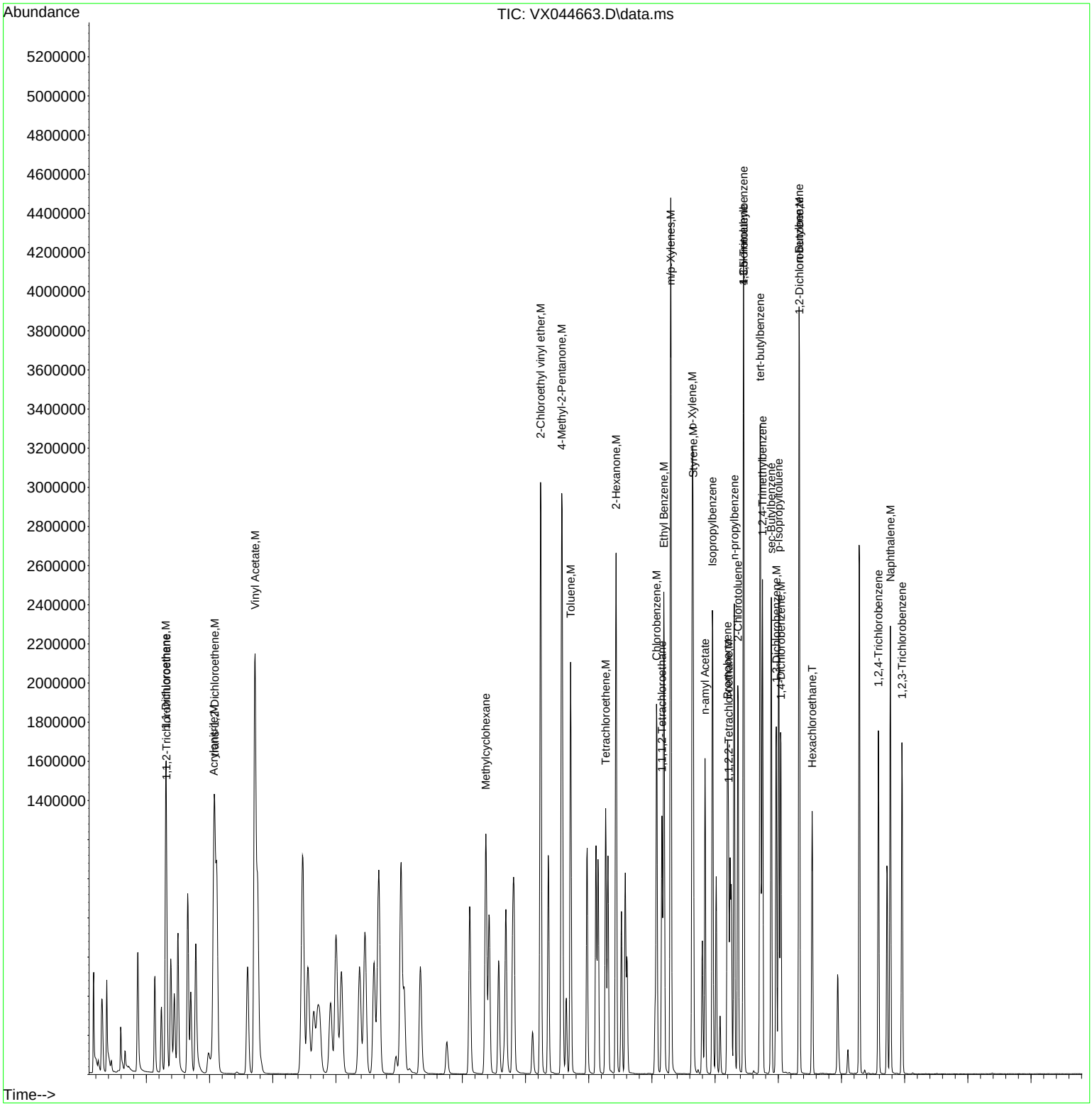
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044663.D
Acq On : 16 Jan 2025 10:12
Operator :
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 17 01:03:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 00:59:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.885	128	29298	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	160571	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	139330	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	84347	29.821	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.400%			
60) 4-Bromofluorobenzene	11.079	95	80701	29.820	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	8.641	98	232185	30.639	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.133%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	53424	20.509	ug/l	100
3) Chloromethane	1.295	50	52336	19.100	ug/l	98
4) Vinyl Chloride	1.374	62	54565	20.352	ug/l	96
5) Bromomethane	1.593	94	12546	19.362	ug/l	96
6) Chloroethane	1.660	64	8061	18.963	ug/l	90
7) Trichlorofluoromethane	1.868	101	62375	21.244	ug/l	98
8) Diethyl Ether	2.130	74	23504	20.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	45499	21.630	ug/l	97
10) 1,1-Dichloroethene	2.307	96	44362	20.500	ug/l	94
11) Methyl Iodide	2.441	142	59655	19.893	ug/l	99
12) Methyl Acetate	2.703	43	66878	21.168	ug/l	99
13) Acrolein	2.233	56	35040	100.289	ug/l	95
14) Acrylonitrile	3.063	53	122153	106.105	ug/l	99
15) Acetone	2.380	58	35259	114.138	ug/l	96
16) Carbon Disulfide	2.502	76	124187	20.650	ug/l	98
17) Allyl chloride	2.654	41	81222	20.812	ug/l	98
18) Methylene Chloride	2.782	84	47896	19.777	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	44022	20.458	ug/l	98
20) Diisopropyl ether	3.751	45	149298	21.077	ug/l	91
21) 1,1-Dichloroethane	3.599	63	86579	20.604	ug/l	97
22) cis-1,2-Dichloroethene	4.477	96	54227	20.361	ug/l	97
23) tert-Butyl Alcohol	2.977	59	58148m	104.428	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	154776	20.642	ug/l	100
25) Chloroform	5.087	83	85547	20.489	ug/l	100
26) Cyclohexane	5.452	56	75766	21.454	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	58948	21.106	ug/l	98
30) 2-Butanone	4.550	43	164211	107.032	ug/l	99
31) 2,2-Dichloropropane	4.459	77	80657	20.869	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	75959	20.522	ug/l	98
33) Carbon Tetrachloride	5.666	117	65248	20.898	ug/l	98
34) Benzene	6.025	78	186228	20.899	ug/l	99
35) Methacrylonitrile	4.916	41	35936	20.958	ug/l	97
36) 1,2-Dichloroethane	6.074	62	65234	20.476	ug/l	99
37) Trichloroethene	7.117	130	44428	20.651	ug/l	96
38) Methylcyclohexane	7.367	83	82917	21.851	ug/l	99
39) 1,2-Dichloropropane	7.421	63	46323	20.847	ug/l	99
40) Dibromomethane	7.574	93	33792	20.456	ug/l	98
41) Bromodichloromethane	7.812	83	69184	20.283	ug/l	99
42) Vinyl Acetate	3.715	43	653209	107.208	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.709	43	63189	20.996 ug/l #	94
44) Isopropyl Acetate	6.330	43	112593	20.825 ug/l	99
45) 1,4-Dioxane	7.665	88	20798	403.967 ug/l	98
46) Methyl methacrylate	7.690	41	52648	19.893 ug/l	97
47) n-amyl Acetate	10.842	43	94494	20.825 ug/l	100
48) t-1,3-Dichloropropene	8.976	75	72357	20.098 ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	78714	20.389 ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	44166	20.759 ug/l	96
51) Ethyl methacrylate	9.116	69	75458	20.416 ug/l	99
52) 1,3-Dichloropropane	9.305	76	75839	20.610 ug/l	99
53) Dibromochloromethane	9.519	129	50936	20.035 ug/l	97
54) 1,2-Dibromoethane	9.604	107	46228	20.554 ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	186582	104.044 ug/l	99
56) Bromoform	10.799	173	33539	19.895 ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	319324	108.729 ug/l	100
59) 2-Hexanone	9.427	43	234903	109.252 ug/l	100
61) Tetrachloroethene	9.269	164	34875	20.867 ug/l	98
62) Toluene	8.714	91	189672	20.674 ug/l	98
64) Chlorobenzene	10.073	112	116597	20.464 ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	42670	20.848 ug/l	99
66) Ethyl Benzene	10.189	91	208544	20.829 ug/l	99
67) m/p-Xylenes	10.299	106	155664	42.296 ug/l	99
68) o-Xylene	10.640	106	78615	21.283 ug/l	98
69) Styrene	10.653	104	128207	21.140 ug/l	99
70) Isopropylbenzene	10.957	105	195561	21.060 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	67246	21.542 ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	56182m	21.393 ug/l	
73) Bromobenzene	11.195	156	44149	20.409 ug/l	99
74) n-propylbenzene	11.299	91	222144	21.062 ug/l	100
75) 2-Chlorotoluene	11.360	91	141333	21.314 ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	158538	21.023 ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	25324	20.382 ug/l	100
78) 4-Chlorotoluene	11.451	91	151852	20.783 ug/l	99
79) tert-butylbenzene	11.713	119	164869	21.282 ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	159250	20.931 ug/l	99
81) sec-Butylbenzene	11.890	105	198156	21.421 ug/l	99
82) p-Isopropyltoluene	12.006	119	159684	20.974 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	79203	20.613 ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	78388	20.811 ug/l	99
85) n-Butylbenzene	12.329	91	137083	20.771 ug/l	99
86) Hexachloroethane	12.536	117	34558	20.633 ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	81365	21.206 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15325	20.383 ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	47882	20.081 ug/l	99
90) Hexachlorobutadiene	13.725	225	18952	20.548 ug/l	97
91) Naphthalene	13.774	128	188608	21.143 ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	48948	20.183 ug/l	100

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

ICAL Form

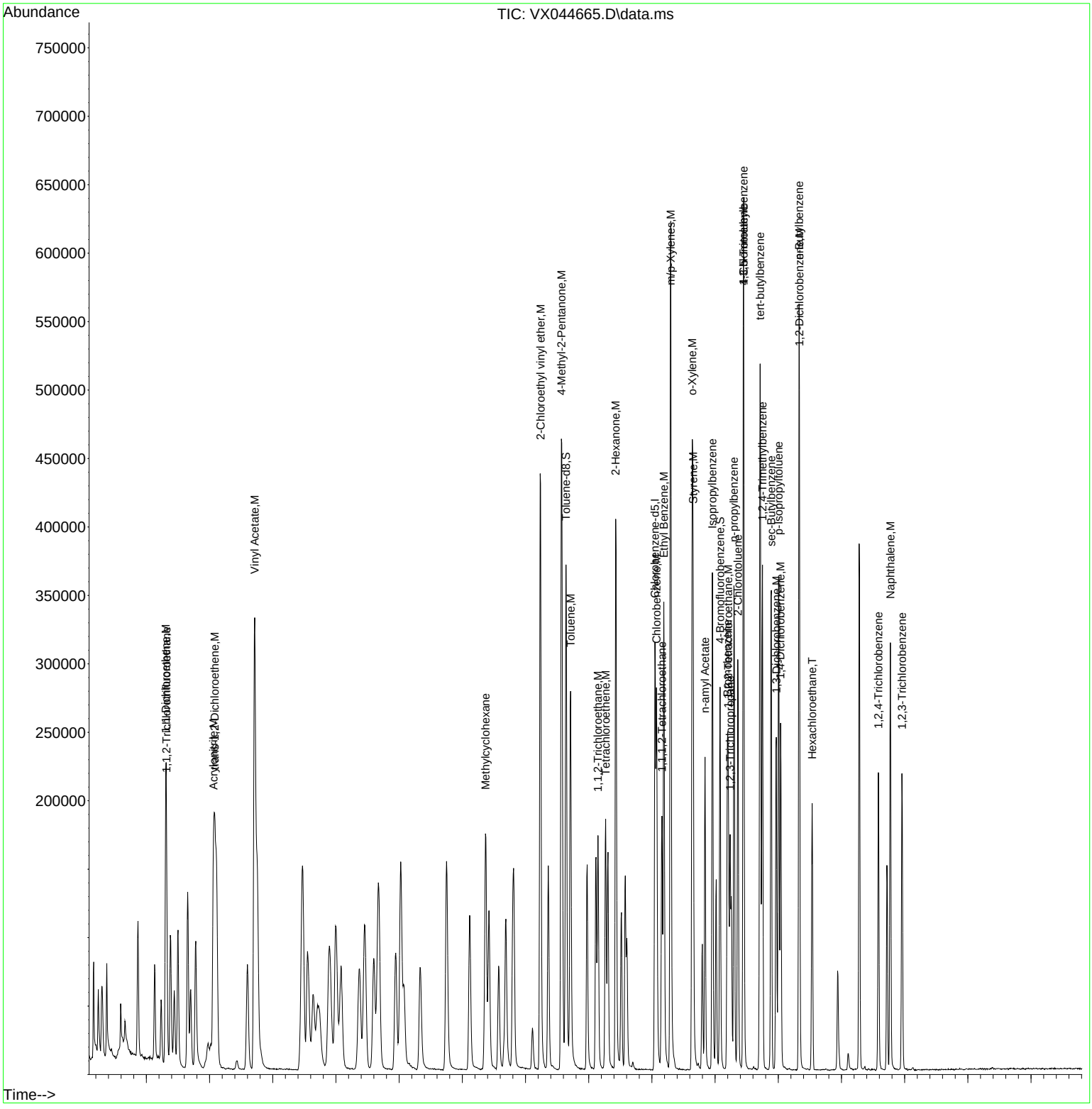
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	88	0.00
2	M	Dichlorodifluoromethane	2.667	2.735	-2.5	91	0.00
3	M	Chloromethane	2.806	2.680	4.5	81	0.00
4	M	Vinyl Chloride	2.745	2.794	-1.8	89	0.00
5	M	Bromomethane	0.663	0.642	3.2	87	0.00
6	M	Chloroethane	0.435	0.413	5.1	84	0.00
7	M	Trichlorofluoromethane	3.006	3.193	-6.2	94	0.00
8	T	Diethyl Ether	1.160	1.203	-3.7	92	0.00
9		1,1,2-Trichlorotrifluoroeth	2.154	2.329	-8.1	98	0.00
10	M	1,1-Dichloroethene	2.216	2.271	-2.5	92	0.00
11		Methyl Iodide	3.071	3.054	0.6	86	0.00
12		Methyl Acetate	3.235	3.424	-5.8	96	0.00
13	M	Acrolein	0.358	0.359	-0.3	107	0.00
14	M	Acrylonitrile	1.179	1.251	-6.1	92	0.00
15	M	Acetone	0.316	0.361	-14.2	102	0.00
16	M	Carbon Disulfide	6.158	6.358	-3.2	91	0.00
17		Allyl chloride	3.996	4.158	-4.1	90	0.00
18	M	Methylene Chloride	2.480	2.452	1.1	85	0.00
19	M	trans-1,2-Dichloroethene	2.203	2.254	-2.3	90	0.00
20	T	Diisopropyl ether	7.253	7.644	-5.4	90	0.00
21	M	1,1-Dichloroethane	4.303	4.433	-3.0	90	0.00
22	M	cis-1,2-Dichloroethene	2.727	2.776	-1.8	86	0.00
23	M	tert-Butyl Alcohol	0.570	0.595	-4.4	89	0.00
24	M	Methyl tert-Butyl Ether	7.678	7.924	-3.2	89	0.00
25	M	Chloroform	4.275	4.380	-2.5	88	0.00
26		Cyclohexane	3.616	3.879	-7.3	95	0.00
27	s	1,2-Dichloroethane-d4	2.896	2.879	0.6	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29		1,1-Dichloropropene	0.522	0.551	-5.6	93	0.00
30	M	2-Butanone	0.287	0.307	-7.0	91	0.00
31		2,2-Dichloropropane	0.722	0.753	-4.3	91	-0.01
32	M	1,1,1-Trichloroethane	0.692	0.710	-2.6	89	0.00
33	M	Carbon Tetrachloride	0.583	0.610	-4.6	91	0.00
34	M	Benzene	1.665	1.740	-4.5	88	0.00
35		Methacrylonitrile	0.320	0.336	-5.0	91	0.00
36	M	1,2-Dichloroethane	0.595	0.609	-2.4	87	0.00
37	M	Trichloroethene	0.402	0.415	-3.2	90	0.00
38		Methylcyclohexane	0.709	0.775	-9.3	98	0.00
39	M	1,2-Dichloropropane	0.415	0.433	-4.3	89	0.00
40		Dibromomethane	0.309	0.316	-2.3	88	0.00
41	M	Bromodichloromethane	0.637	0.646	-1.4	86	0.00
42	M	Vinyl Acetate	1.138	1.220	-7.2	90	0.00
43		Ethyl Acetate	0.562	0.590	-5.0	87	0.00
44		Isopropyl Acetate	1.010	1.052	-4.2	88	0.00
45	T	1,4-Dioxane	0.010	0.010	0.0	83	-0.01
46		Methyl methacrylate	0.494	0.492	0.4	85	0.00
47		n-amyl Acetate	0.848	0.883	-4.1	86	0.00
48	M	t-1,3-Dichloropropene	0.673	0.676	-0.4	85	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.721	0.735	-1.9	86	0.00
50	M	1,1,2-Trichloroethane	0.397	0.413	-4.0	86	0.00
51		Ethyl methacrylate	0.691	0.705	-2.0	86	0.00
52		1,3-Dichloropropane	0.687	0.708	-3.1	86	0.00
53	M	Dibromochloromethane	0.475	0.476	-0.2	83	0.00
54	M	1,2-Dibromoethane	0.420	0.432	-2.9	86	0.00
55	M	2-Chloroethyl vinyl ether	0.335	0.349	-4.2	87	0.00
56	M	Bromoform	0.315	0.313	0.6	85	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58	M	4-Methyl-2-Pentanone	0.632	0.688	-8.9	89	0.00
59	M	2-Hexanone	0.463	0.506	-9.3	90	0.00
60	S	4-Bromofluorobenzene	0.583	0.579	0.7	84	0.00
61	M	Tetrachloroethene	0.360	0.375	-4.2	90	0.00
62	M	Toluene	1.975	2.042	-3.4	87	0.00
63	S	Toluene-d8	1.632	1.666	-2.1	86	0.00
64	M	Chlorobenzene	1.227	1.255	-2.3	86	0.00
65		1,1,1,2-Tetrachloroethane	0.441	0.459	-4.1	87	0.00
66	M	Ethyl Benzene	2.156	2.245	-4.1	86	0.00
67	M	m/p-Xylenes	0.792	0.838	-5.8	86	0.00
68	M	o-Xylene	0.795	0.846	-6.4	86	0.00
69	M	Styrene	1.306	1.380	-5.7	85	0.00
70		Isopropylbenzene	1.999	2.105	-5.3	86	0.00
71	M	1,1,2,2-Tetrachloroethane	0.672	0.724	-7.7	89	0.00
72		1,2,3-Trichloropropane	0.565	0.605	-7.1	87	0.00
73		Bromobenzene	0.466	0.475	-1.9	84	0.00
74		n-propylbenzene	2.271	2.392	-5.3	87	0.00
75		2-Chlorotoluene	1.428	1.522	-6.6	87	0.00
76		1,3,5-Trimethylbenzene	1.624	1.707	-5.1	86	0.00
77		t-1,4-Dichloro-2-butene	0.268	0.273	-1.9	86	0.00
78		4-Chlorotoluene	1.573	1.635	-3.9	85	0.00
79		tert-butylbenzene	1.668	1.775	-6.4	86	0.00
80		1,2,4-Trimethylbenzene	1.638	1.714	-4.6	85	0.00
81		sec-Butylbenzene	1.992	2.133	-7.1	88	0.00
82		p-Isopropyltoluene	1.639	1.719	-4.9	86	0.00
83	M	1,3-Dichlorobenzene	0.827	0.853	-3.1	85	0.00
84	M	1,4-Dichlorobenzene	0.811	0.844	-4.1	85	0.00
85		n-Butylbenzene	1.421	1.476	-3.9	87	0.00
86	T	Hexachloroethane	0.361	0.372	-3.0	87	0.00
87	M	1,2-Dichlorobenzene	0.826	0.876	-6.1	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.162	0.165	-1.9	87	0.00
89		1,2,4-Trichlorobenzene	0.513	0.515	-0.4	87	0.00
90		Hexachlorobutadiene	0.199	0.204	-2.5	86	0.00
91	M	Naphthalene	1.921	2.031	-5.7	88	0.00
92		1,2,3-Trichlorobenzene	0.522	0.527	-1.0	84	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	88	0.00
2	M	Dichlorodifluoromethane	20.000	20.509	-2.5	91	0.00
3	M	Chloromethane	20.000	19.100	4.5	81	0.00
4	M	Vinyl Chloride	20.000	20.352	-1.8	89	0.00
5	M	Bromomethane	20.000	19.362	3.2	87	0.00
6	M	Chloroethane	20.000	18.963	5.2	84	0.00
7	M	Trichlorofluoromethane	20.000	21.244	-6.2	94	0.00
8	T	Diethyl Ether	20.000	20.751	-3.8	92	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.630	-8.1	98	0.00
10	M	1,1-Dichloroethene	20.000	20.500	-2.5	92	0.00
11		Methyl Iodide	20.000	19.893	0.5	86	0.00
12		Methyl Acetate	20.000	21.168	-5.8	96	0.00
13	M	Acrolein	100.000	100.289	-0.3	107	0.00
14	M	Acrylonitrile	100.000	106.105	-6.1	92	0.00
15	M	Acetone	100.000	114.138	-14.1	102	0.00
16	M	Carbon Disulfide	20.000	20.650	-3.2	91	0.00
17		Allyl chloride	20.000	20.812	-4.1	90	0.00
18	M	Methylene Chloride	20.000	19.777	1.1	85	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.458	-2.3	90	0.00
20	T	Diisopropyl ether	20.000	21.077	-5.4	90	0.00
21	M	1,1-Dichloroethane	20.000	20.604	-3.0	90	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.361	-1.8	86	0.00
23	M	tert-Butyl Alcohol	100.000	104.428	-4.4	89	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.642	-3.2	89	0.00
25	M	Chloroform	20.000	20.489	-2.4	88	0.00
26		Cyclohexane	20.000	21.454	-7.3	95	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.821	0.6	88	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29		1,1-Dichloropropene	20.000	21.106	-5.5	93	0.00
30	M	2-Butanone	100.000	107.032	-7.0	91	0.00
31		2,2-Dichloropropane	20.000	20.869	-4.3	91	-0.01
32	M	1,1,1-Trichloroethane	20.000	20.522	-2.6	89	0.00
33	M	Carbon Tetrachloride	20.000	20.898	-4.5	91	0.00
34	M	Benzene	20.000	20.899	-4.5	88	0.00
35		Methacrylonitrile	20.000	20.958	-4.8	91	0.00
36	M	1,2-Dichloroethane	20.000	20.476	-2.4	87	0.00
37	M	Trichloroethene	20.000	20.651	-3.3	90	0.00
38		Methylcyclohexane	20.000	21.851	-9.3	98	0.00
39	M	1,2-Dichloropropane	20.000	20.847	-4.2	89	0.00
40		Dibromomethane	20.000	20.456	-2.3	88	0.00
41	M	Bromodichloromethane	20.000	20.283	-1.4	86	0.00
42	M	Vinyl Acetate	100.000	107.208	-7.2	90	0.00
43		Ethyl Acetate	20.000	20.996	-5.0	87	0.00
44		Isopropyl Acetate	20.000	20.825	-4.1	88	0.00
45	T	1,4-Dioxane	400.000	403.967	-1.0	83	-0.01
46		Methyl methacrylate	20.000	19.893	0.5	85	0.00
47		n-amyl Acetate	20.000	20.825	-4.1	86	0.00
48	M	t-1,3-Dichloropropene	20.000	20.098	-0.5	85	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	20.389	-1.9	86	0.00
50	M	1,1,2-Trichloroethane	20.000	20.759	-3.8	86	0.00
51		Ethyl methacrylate	20.000	20.416	-2.1	86	0.00
52		1,3-Dichloropropane	20.000	20.610	-3.0	86	0.00
53	M	Dibromochloromethane	20.000	20.035	-0.2	83	0.00
54	M	1,2-Dibromoethane	20.000	20.554	-2.8	86	0.00
55	M	2-Chloroethyl vinyl ether	100.000	104.044	-4.0	87	0.00
56	M	Bromoform	20.000	19.895	0.5	85	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58	M	4-Methyl-2-Pentanone	100.000	108.729	-8.7	89	0.00
59	M	2-Hexanone	100.000	109.252	-9.3	90	0.00
60	S	4-Bromofluorobenzene	30.000	29.820	0.6	84	0.00
61	M	Tetrachloroethene	20.000	20.867	-4.3	90	0.00
62	M	Toluene	20.000	20.674	-3.4	87	0.00
63	S	Toluene-d8	30.000	30.639	-2.1	86	0.00
64	M	Chlorobenzene	20.000	20.464	-2.3	86	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.848	-4.2	87	0.00
66	M	Ethyl Benzene	20.000	20.829	-4.1	86	0.00
67	M	m/p-Xylenes	40.000	42.296	-5.7	86	0.00
68	M	o-Xylene	20.000	21.283	-6.4	86	0.00
69	M	Styrene	20.000	21.140	-5.7	85	0.00
70		Isopropylbenzene	20.000	21.060	-5.3	86	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.542	-7.7	89	0.00
72		1,2,3-Trichloropropane	20.000	21.393	-7.0	87	0.00
73		Bromobenzene	20.000	20.409	-2.0	84	0.00
74		n-propylbenzene	20.000	21.062	-5.3	87	0.00
75		2-Chlorotoluene	20.000	21.314	-6.6	87	0.00
76		1,3,5-Trimethylbenzene	20.000	21.023	-5.1	86	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.382	-1.9	86	0.00
78		4-Chlorotoluene	20.000	20.783	-3.9	85	0.00
79		tert-butylbenzene	20.000	21.282	-6.4	86	0.00
80		1,2,4-Trimethylbenzene	20.000	20.931	-4.7	85	0.00
81		sec-Butylbenzene	20.000	21.421	-7.1	88	0.00
82		p-Isopropyltoluene	20.000	20.974	-4.9	86	0.00
83	M	1,3-Dichlorobenzene	20.000	20.613	-3.1	85	0.00
84	M	1,4-Dichlorobenzene	20.000	20.811	-4.1	85	0.00
85		n-Butylbenzene	20.000	20.771	-3.9	87	0.00
86	T	Hexachloroethane	20.000	20.633	-3.2	87	0.00
87	M	1,2-Dichlorobenzene	20.000	21.206	-6.0	86	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.383	-1.9	87	0.00
89		1,2,4-Trichlorobenzene	20.000	20.081	-0.4	87	0.00
90		Hexachlorobutadiene	20.000	20.548	-2.7	86	0.00
91	M	Naphthalene	20.000	21.143	-5.7	88	0.00
92		1,2,3-Trichlorobenzene	20.000	20.183	-0.9	84	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **VX044699.D**

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q1145 SAS No.: Q1145 SDG No.: Q1145

Instrument ID: MSVOA_X Calibration Date/Time: 01/23/2025 08:21

Lab File ID: VX044699.D Init. Calib. Date(s): 01/16/2025 01/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:39 10:12

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.665	1.678	0.5	0.78	
Toluene	1.975	2.000	0.4	1.27	
Ethyl Benzene	2.156	2.096	0.1	-2.78	
m/p-Xylenes	0.792	0.759	0.3	-4.17	
o-Xylene	0.795	0.794	0.3	-0.13	
1,2-Dichloroethane-d4	2.896	2.644	0.01	-8.7	
Toluene-d8	1.632	1.723	0.01	5.58	
4-Bromofluorobenzene	0.583	0.546	0.2	-6.35	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Sample Results: **VX044699.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.885	128	17047	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	92191	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	78268	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	45074	27.389	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.300%			
60) 4-Bromofluorobenzene	11.079	95	42743	28.116	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.733%			
63) Toluene-d8	8.641	98	134890	31.687	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27916	18.418	ug/l	97
3) Chloromethane	1.294	50	32612	20.455	ug/l	100
4) Vinyl Chloride	1.374	62	32442	20.797	ug/l	97
5) Bromomethane	1.605	94	7578	20.100	ug/l	91
6) Chloroethane	1.672	64	7157	28.935	ug/l	90
7) Trichlorofluoromethane	1.867	101	29609	17.332	ug/l	99
8) Diethyl Ether	2.130	74	10006	15.182	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	25291	20.664	ug/l	99
10) 1,1-Dichloroethene	2.312	96	24619	19.552	ug/l	99
11) Methyl Iodide	2.440	142	29490	16.901	ug/l	97
12) Methyl Acetate	2.703	43	42511	23.126	ug/l	99
13) Acrolein	2.239	56	32645	160.582	ug/l	99
14) Acrylonitrile	3.062	53	81216	121.245	ug/l	98
15) Acetone	2.386	58	22128	123.110	ug/l	92
16) Carbon Disulfide	2.501	76	62957	17.992	ug/l	98
17) Allyl chloride	2.660	41	44788	19.724	ug/l	95
18) Methylene Chloride	2.782	84	24996	17.739	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	22859	18.257	ug/l	96
20) Diisopropyl ether	3.751	45	82723	20.071	ug/l #	79
21) 1,1-Dichloroethane	3.599	63	47614	19.475	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	29096	18.776	ug/l	99
23) tert-Butyl Alcohol	2.977	59	21934m	67.700	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	81456	18.670	ug/l	96
25) Chloroform	5.080	83	46377	19.090	ug/l	99
26) Cyclohexane	5.458	56	44469	21.641	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	31665	19.747	ug/l	98
30) 2-Butanone	4.556	43	104882	119.067	ug/l	99
31) 2,2-Dichloropropane	4.465	77	38673	17.428	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	40470	19.044	ug/l	99
33) Carbon Tetrachloride	5.659	117	34318	19.144	ug/l	96
34) Benzene	6.025	78	103137	20.160	ug/l	99
35) Methacrylonitrile	4.910	41	20261	20.580	ug/l	95
36) 1,2-Dichloroethane	6.080	62	33054	18.071	ug/l	98
37) Trichloroethene	7.116	130	22769	18.433	ug/l	91
38) Methylcyclohexane	7.366	83	43531	19.980	ug/l	99
39) 1,2-Dichloropropane	7.421	63	25405	19.914	ug/l	93
40) Dibromomethane	7.574	93	17518	18.470	ug/l	99
41) Bromodichloromethane	7.818	83	36191	18.480	ug/l	99
42) Vinyl Acetate	3.715	43	361851	103.438	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.708	43	39257	22.719 ug/l #	94
44) Isopropyl Acetate	6.330	43	62910	20.266 ug/l	99
45) 1,4-Dioxane	7.702	88	14767m	499.569 ug/l	
46) Methyl methacrylate	7.690	41	30754	20.240 ug/l	95
47) n-amyl Acetate	10.841	43	49540	19.016 ug/l	99
48) t-1,3-Dichloropropene	8.976	75	34265	16.576 ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	39775	17.945 ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	24205	19.815 ug/l	98
51) Ethyl methacrylate	9.116	69	40375	19.027 ug/l	97
52) 1,3-Dichloropropane	9.305	76	40739	19.283 ug/l	97
53) Dibromochloromethane	9.518	129	26851	18.396 ug/l	99
54) 1,2-Dibromoethane	9.604	107	24474	18.953 ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	97741	94.930 ug/l	98
56) Bromoform	10.799	173	17759	18.348 ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	192718	116.815 ug/l	99
59) 2-Hexanone	9.433	43	140850	116.616 ug/l	100
61) Tetrachloroethene	9.269	164	17692	18.844 ug/l	98
62) Toluene	8.714	91	104366	20.251 ug/l	97
64) Chlorobenzene	10.079	112	59963	18.734 ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	22732	19.771 ug/l	98
66) Ethyl Benzene	10.189	91	109367	19.445 ug/l	98
67) m/p-Xylenes	10.299	106	79236	38.326 ug/l	99
68) o-Xylene	10.640	106	41437	19.970 ug/l	95
69) Styrene	10.652	104	63209	18.554 ug/l	99
70) Isopropylbenzene	10.957	105	101235	19.407 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	37630	21.459 ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	35576m	24.115 ug/l	
73) Bromobenzene	11.195	156	21546	17.731 ug/l	97
74) n-propylbenzene	11.299	91	107726	18.182 ug/l	99
75) 2-Chlorotoluene	11.360	91	70570	18.945 ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	81252	19.181 ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12855	18.418 ug/l	98
78) 4-Chlorotoluene	11.451	91	71994	17.541 ug/l	99
79) tert-butylbenzene	11.713	119	83422	19.169 ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	78949	18.472 ug/l	97
81) sec-Butylbenzene	11.890	105	94566	18.198 ug/l	99
82) p-Isopropyltoluene	12.006	119	75252	17.595 ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	36029	16.692 ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	35836	16.936 ug/l	100
85) n-Butylbenzene	12.329	91	59143	15.953 ug/l	99
86) Hexachloroethane	12.536	117	17040	18.111 ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	38711	17.960 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8323	19.706 ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	20031	14.955 ug/l	99
90) Hexachlorobutadiene	13.719	225	8072	15.580 ug/l	98
91) Naphthalene	13.774	128	89735	17.907 ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	21030	15.437 ug/l	99

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

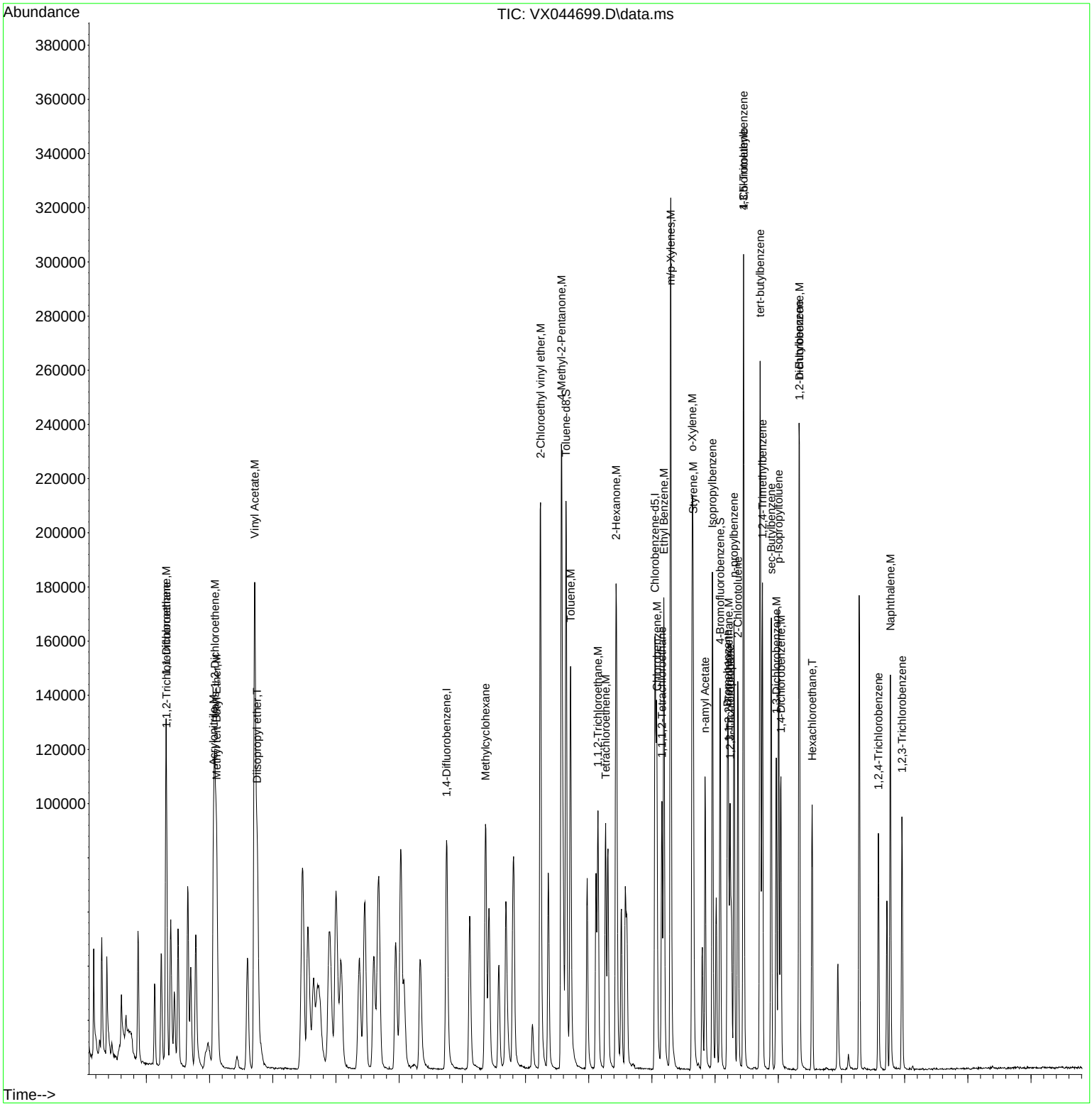
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



Evaluate Continuing Calibration Report

Sample Results: **VX044699.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	51	0.00
2	M	Dichlorodifluoromethane	2.667	2.456	7.9	47#	0.00
3	M	Chloromethane	2.806	2.870	-2.3	51	0.00
4	M	Vinyl Chloride	2.745	2.855	-4.0	53	0.00
5	M	Bromomethane	0.663	0.667	-0.6	52	0.01
6	M	Chloroethane	0.435	0.630	-44.8#	74	0.00
7	M	Trichlorofluoromethane	3.006	2.605	13.3	45#	0.00
8	T	Diethyl Ether	1.160	0.880	24.1	39#	0.00
9		1,1,2-Trichlorotrifluoroeth	2.154	2.225	-3.3	54	0.00
10	M	1,1-Dichloroethene	2.216	2.166	2.3	51	0.00
11		Methyl Iodide	3.071	2.595	15.5	42#	0.00
12		Methyl Acetate	3.235	3.741	-15.6	61	0.00
13	M	Acrolein	0.358	0.574	-60.3#	99	0.00
14	M	Acrylonitrile	1.179	1.429	-21.2	61	0.00
15	M	Acetone	0.316	0.389	-23.1	64	0.00
16	M	Carbon Disulfide	6.158	5.540	10.0	46#	0.00
17		Allyl chloride	3.996	3.941	1.4	50#	0.00
18	M	Methylene Chloride	2.480	2.199	11.3	44#	0.00
19	M	trans-1,2-Dichloroethene	2.203	2.011	8.7	47#	0.00
20	T	Diisopropyl ether	7.253	7.279	-0.4	50#	0.00
21	M	1,1-Dichloroethane	4.303	4.190	2.6	49#	0.00
22	M	cis-1,2-Dichloroethene	2.727	2.560	6.1	46#	0.00
23	M	tert-Butyl Alcohol	0.570	0.386	32.3#	34#	0.00
24	M	Methyl tert-Butyl Ether	7.678	7.167	6.7	47#	0.00
25	M	Chloroform	4.275	4.081	4.5	48#	0.00
26		Cyclohexane	3.616	3.913	-8.2	56	0.00
27	s	1,2-Dichloroethane-d4	2.896	2.644	8.7	47#	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	50	0.00
29		1,1-Dichloropropene	0.522	0.515	1.3	50#	0.00
30	M	2-Butanone	0.287	0.341	-18.8	58	0.00
31		2,2-Dichloropropane	0.722	0.629	12.9	43#	0.00
32	M	1,1,1-Trichloroethane	0.692	0.658	4.9	47#	0.00
33	M	Carbon Tetrachloride	0.583	0.558	4.3	48#	0.00
34	M	Benzene	1.665	1.678	-0.8	49#	0.00
35		Methacrylonitrile	0.320	0.330	-3.1	51	-0.01
36	M	1,2-Dichloroethane	0.595	0.538	9.6	44#	0.00
37	M	Trichloroethene	0.402	0.370	8.0	46#	0.00
38		Methylcyclohexane	0.709	0.708	0.1	51	0.00
39	M	1,2-Dichloropropane	0.415	0.413	0.5	49#	0.00
40		Dibromomethane	0.309	0.285	7.8	46#	0.00
41	M	Bromodichloromethane	0.637	0.589	7.5	45#	0.00
42	M	Vinyl Acetate	1.138	1.178	-3.5	50#	0.00
43		Ethyl Acetate	0.562	0.639	-13.7	54	0.00
44		Isopropyl Acetate	1.010	1.024	-1.4	49#	0.00
45	T	1,4-Dioxane	0.010	0.012	-20.0	59	0.02
46		Methyl methacrylate	0.494	0.500	-1.2	49#	0.00
47		n-amyl Acetate	0.848	0.806	5.0	45#	0.00
48	M	t-1,3-Dichloropropene	0.673	0.558	17.1	40#	0.00

Sample Results: **VX044699.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.721	0.647	10.3	43#	0.00
50	M	1,1,2-Trichloroethane	0.397	0.394	0.8	47#	0.00
51		Ethyl methacrylate	0.691	0.657	4.9	46#	0.00
52		1,3-Dichloropropane	0.687	0.663	3.5	46#	0.00
53	M	Dibromochloromethane	0.475	0.437	8.0	44#	0.00
54	M	1,2-Dibromoethane	0.420	0.398	5.2	45#	0.00
55	M	2-Chloroethyl vinyl ether	0.335	0.318	5.1	46#	0.00
56	M	Bromoform	0.315	0.289	8.3	45#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	47#	0.00
58	M	4-Methyl-2-Pentanone	0.632	0.739	-16.9	54	0.00
59	M	2-Hexanone	0.463	0.540	-16.6	54	0.00
60	S	4-Bromofluorobenzene	0.583	0.546	6.3	45#	0.00
61	M	Tetrachloroethene	0.360	0.339	5.8	46#	0.00
62	M	Toluene	1.975	2.000	-1.3	48#	0.00
63	S	Toluene-d8	1.632	1.723	-5.6	50	0.00
64	M	Chlorobenzene	1.227	1.149	6.4	44#	0.00
65		1,1,1,2-Tetrachloroethane	0.441	0.436	1.1	46#	0.00
66	M	Ethyl Benzene	2.156	2.096	2.8	45#	0.00
67	M	m/p-Xylenes	0.792	0.759	4.2	44#	0.00
68	M	o-Xylene	0.795	0.794	0.1	46#	0.00
69	M	Styrene	1.306	1.211	7.3	42#	0.00
70		Isopropylbenzene	1.999	1.940	3.0	45#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.672	0.721	-7.3	50#	0.00
72		1,2,3-Trichloropropane	0.565	0.682	-20.7	55	0.00
73		Bromobenzene	0.466	0.413	11.4	41#	0.00
74		n-propylbenzene	2.271	2.065	9.1	42#	0.00
75		2-Chlorotoluene	1.428	1.352	5.3	43#	0.00
76		1,3,5-Trimethylbenzene	1.624	1.557	4.1	44#	0.00
77		t-1,4-Dichloro-2-butene	0.268	0.246	8.2	44#	0.00
78		4-Chlorotoluene	1.573	1.380	12.3	40#	0.00
79		tert-butylbenzene	1.668	1.599	4.1	44#	0.00
80		1,2,4-Trimethylbenzene	1.638	1.513	7.6	42#	0.00
81		sec-Butylbenzene	1.992	1.812	9.0	42#	0.00
82		p-Isopropyltoluene	1.639	1.442	12.0	40#	0.00
83	M	1,3-Dichlorobenzene	0.827	0.690	16.6	39#	0.00
84	M	1,4-Dichlorobenzene	0.811	0.687	15.3	39#	0.00
85		n-Butylbenzene	1.421	1.133	20.3	38#	0.00
86	T	Hexachloroethane	0.361	0.327	9.4	43#	0.00
87	M	1,2-Dichlorobenzene	0.826	0.742	10.2	41#	0.00
88		1,2-Dibromo-3-Chloropropane	0.162	0.160	1.2	47#	0.00
89		1,2,4-Trichlorobenzene	0.513	0.384	25.1#	36#	0.00
90		Hexachlorobutadiene	0.199	0.155	22.1	37#	0.00
91	M	Naphthalene	1.921	1.720	10.5	42#	0.00
92		1,2,3-Trichlorobenzene	0.522	0.403	22.8	36#	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **VX044699.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	51	0.00
2	M	Dichlorodifluoromethane	20.000	18.418	7.9	47	0.00
3	M	Chloromethane	20.000	20.455	-2.3	51	0.00
4	M	Vinyl Chloride	20.000	20.797	-4.0	53	0.00
5	M	Bromomethane	20.000	20.100	-0.5	52	0.01
6	M	Chloroethane	20.000	28.935	-44.7#	74	0.00
7	M	Trichlorofluoromethane	20.000	17.332	13.3	45	0.00
8	T	Diethyl Ether	20.000	15.182	24.1	39	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.664	-3.3	54	0.00
10	M	1,1-Dichloroethene	20.000	19.552	2.2	51	0.00
11		Methyl Iodide	20.000	16.901	15.5	42	0.00
12		Methyl Acetate	20.000	23.126	-15.6	61	0.00
13	M	Acrolein	100.000	160.582	-60.6#	99	0.00
14	M	Acrylonitrile	100.000	121.245	-21.2	61	0.00
15	M	Acetone	100.000	123.110	-23.1	64	0.00
16	M	Carbon Disulfide	20.000	17.992	10.0	46	0.00
17		Allyl chloride	20.000	19.724	1.4	50	0.00
18	M	Methylene Chloride	20.000	17.739	11.3	44	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.257	8.7	47	0.00
20	T	Diisopropyl ether	20.000	20.071	-0.4	50	0.00
21	M	1,1-Dichloroethane	20.000	19.475	2.6	49	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.776	6.1	46	0.00
23	M	tert-Butyl Alcohol	100.000	67.700	32.3#	34	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.670	6.6	47	0.00
25	M	Chloroform	20.000	19.090	4.6	48	0.00
26		Cyclohexane	20.000	21.641	-8.2	56	0.00
27	s	1,2-Dichloroethane-d4	30.000	27.389	8.7	47	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	50	0.00
29		1,1-Dichloropropene	20.000	19.747	1.3	50	0.00
30	M	2-Butanone	100.000	119.067	-19.1	58	0.00
31		2,2-Dichloropropane	20.000	17.428	12.9	43	0.00
32	M	1,1,1-Trichloroethane	20.000	19.044	4.8	47	0.00
33	M	Carbon Tetrachloride	20.000	19.144	4.3	48	0.00
34	M	Benzene	20.000	20.160	-0.8	49	0.00
35		Methacrylonitrile	20.000	20.580	-2.9	51	-0.01
36	M	1,2-Dichloroethane	20.000	18.071	9.6	44	0.00
37	M	Trichloroethene	20.000	18.433	7.8	46	0.00
38		Methylcyclohexane	20.000	19.980	0.1	51	0.00
39	M	1,2-Dichloropropane	20.000	19.914	0.4	49	0.00
40		Dibromomethane	20.000	18.470	7.7	46	0.00
41	M	Bromodichloromethane	20.000	18.480	7.6	45	0.00
42	M	Vinyl Acetate	100.000	103.438	-3.4	50	0.00
43		Ethyl Acetate	20.000	22.719	-13.6	54	0.00
44		Isopropyl Acetate	20.000	20.266	-1.3	49	0.00
45	T	1,4-Dioxane	400.000	499.569	-24.9	59	0.02
46		Methyl methacrylate	20.000	20.240	-1.2	49	0.00
47		n-amyl Acetate	20.000	19.016	4.9	45	0.00
48	M	t-1,3-Dichloropropene	20.000	16.576	17.1	40	0.00

Sample Results: **VX044699.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044699.D
Acq On : 23 Jan 2025 08:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 24 03:10:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	17.945	10.3	43	0.00
50	M	1,1,2-Trichloroethane	20.000	19.815	0.9	47	0.00
51		Ethyl methacrylate	20.000	19.027	4.9	46	0.00
52		1,3-Dichloropropane	20.000	19.283	3.6	46	0.00
53	M	Dibromochloromethane	20.000	18.396	8.0	44	0.00
54	M	1,2-Dibromoethane	20.000	18.953	5.2	45	0.00
55	M	2-Chloroethyl vinyl ether	100.000	94.930	5.1	46	0.00
56	M	Bromoform	20.000	18.348	8.3	45	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	47	0.00
58	M	4-Methyl-2-Pentanone	100.000	116.815	-16.8	54	0.00
59	M	2-Hexanone	100.000	116.616	-16.6	54	0.00
60	S	4-Bromofluorobenzene	30.000	28.116	6.3	45	0.00
61	M	Tetrachloroethene	20.000	18.844	5.8	46	0.00
62	M	Toluene	20.000	20.251	-1.3	48	0.00
63	S	Toluene-d8	30.000	31.687	-5.6	50	0.00
64	M	Chlorobenzene	20.000	18.734	6.3	44	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.771	1.1	46	0.00
66	M	Ethyl Benzene	20.000	19.445	2.8	45	0.00
67	M	m/p-Xylenes	40.000	38.326	4.2	44	0.00
68	M	o-Xylene	20.000	19.970	0.2	46	0.00
69	M	Styrene	20.000	18.554	7.2	42	0.00
70		Isopropylbenzene	20.000	19.407	3.0	45	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.459	-7.3	50	0.00
72		1,2,3-Trichloropropane	20.000	24.115	-20.6	55	0.00
73		Bromobenzene	20.000	17.731	11.3	41	0.00
74		n-propylbenzene	20.000	18.182	9.1	42	0.00
75		2-Chlorotoluene	20.000	18.945	5.3	43	0.00
76		1,3,5-Trimethylbenzene	20.000	19.181	4.1	44	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.418	7.9	44	0.00
78		4-Chlorotoluene	20.000	17.541	12.3	40	0.00
79		tert-butylbenzene	20.000	19.169	4.2	44	0.00
80		1,2,4-Trimethylbenzene	20.000	18.472	7.6	42	0.00
81		sec-Butylbenzene	20.000	18.198	9.0	42	0.00
82		p-Isopropyltoluene	20.000	17.595	12.0	40	0.00
83	M	1,3-Dichlorobenzene	20.000	16.692	16.5	39	0.00
84	M	1,4-Dichlorobenzene	20.000	16.936	15.3	39	0.00
85		n-Butylbenzene	20.000	15.953	20.2	38	0.00
86	T	Hexachloroethane	20.000	18.111	9.4	43	0.00
87	M	1,2-Dichlorobenzene	20.000	17.960	10.2	41	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.706	1.5	47	0.00
89		1,2,4-Trichlorobenzene	20.000	14.955	25.2#	36	0.00
90		Hexachlorobutadiene	20.000	15.580	22.1	37	0.00
91	M	Naphthalene	20.000	17.907	10.5	42	0.00
92		1,2,3-Trichlorobenzene	20.000	15.437	22.8	36	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

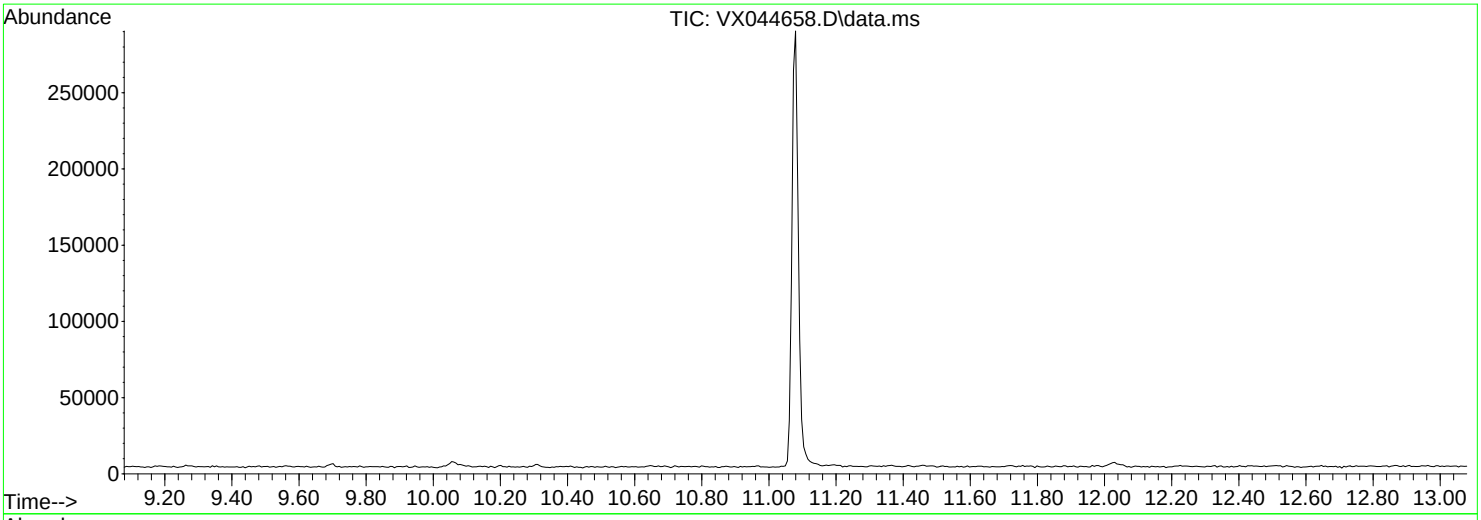
Sample Results: **VX044658.D**

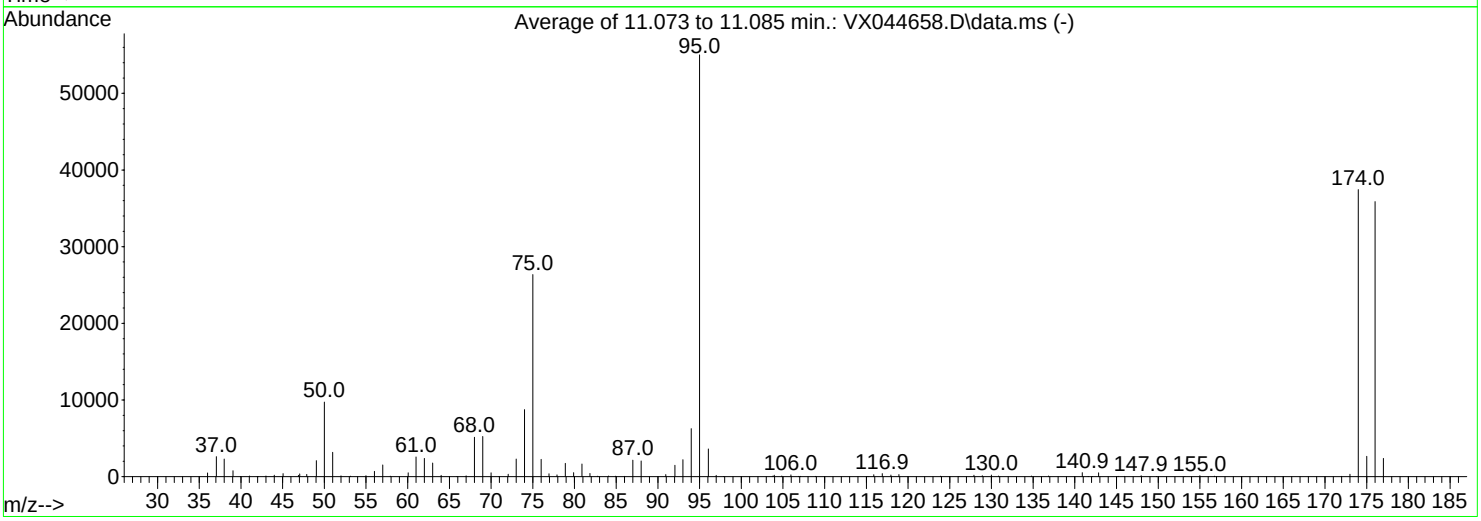
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044658.D
Acq On : 16 Jan 2025 08:02
Operator :
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Title : SW846 8260
Last Update : Mon Oct 28 13:41:34 2024





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1630

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	9723	PASS
75	95	30	60	47.9	26357	PASS
95	95	100	100	100.0	55021	PASS
96	95	5	9	6.6	3607	PASS
173	174	0.00	2	0.8	316	PASS
174	95	50	100	68.1	37445	PASS
175	174	5	9	7.1	2650	PASS
176	174	95	101	95.8	35883	PASS
177	176	5	9	6.6	2384	PASS

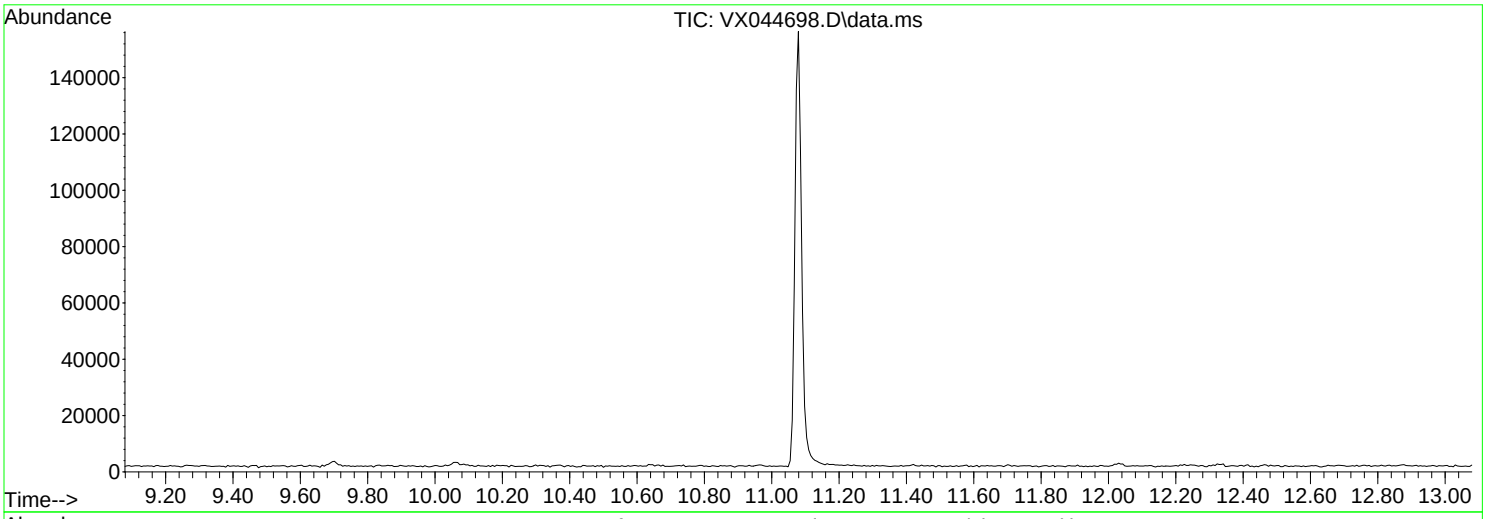
Sample Results: **VX044698.D**

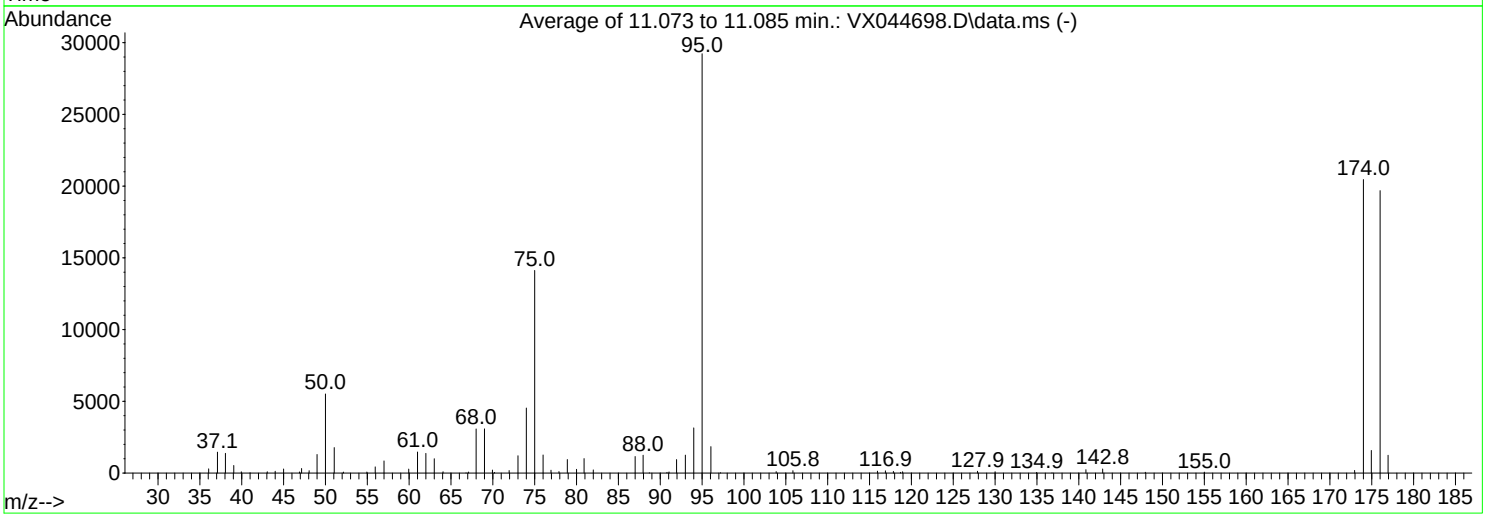
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044698.D
Acq On : 23 Jan 2025 07:54
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Jan 17 01:21:41 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1633

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	5515	PASS
75	95	30	60	48.3	14121	PASS
95	95	100	100	100.0	29227	PASS
96	95	5	9	6.3	1845	PASS
173	174	0.00	2	0.9	183	PASS
174	95	50	100	70.0	20459	PASS
175	174	5	9	7.7	1577	PASS
176	174	95	101	96.2	19685	PASS
177	176	5	9	6.3	1242	PASS

Raw Data: **VX044702.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	
Project:	Transfer Station-SPDES	Date Received:	
Client Sample ID:	VX0123WBL01	SDG No.:	Q1145
Lab Sample ID:	VX0123WBL01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044702.D	1		01/23/25 10:18	VX012325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.69	U	0.69	5.00	ug/L
108-88-3	Toluene	0.72	U	0.72	5.00	ug/L
100-41-4	Ethyl Benzene	0.73	U	0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	1.70	U	1.70	10.0	ug/L
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.0		91 - 110	93%	SPK: 30
2037-26-5	Toluene-d8	31.1		91 - 112	104%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.8		63 - 112	93%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	30900	4.898			
540-36-3	1,4-Difluorobenzene	169000	6.757			
3114-55-4	Chlorobenzene-d5	149000	10.049			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044702.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044702.D
Acq On : 23 Jan 2025 10:18
Operator : JC/MD
Sample : VX0123WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

Quant Time: Jan 24 03:15:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

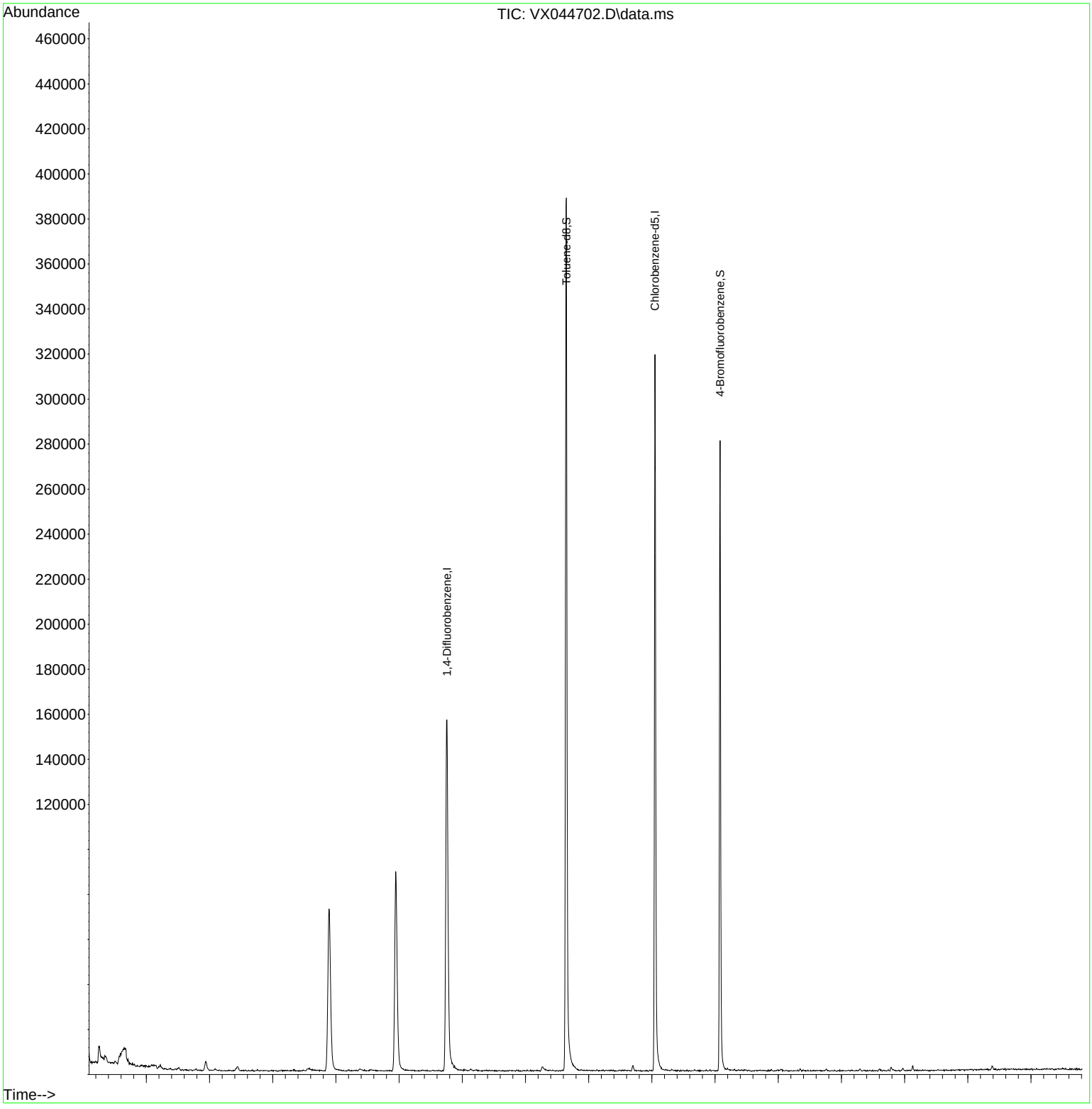
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.898	128	30850	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	168575	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	149390	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	83253	27.954	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 93.167%			
60) 4-Bromofluorobenzene	11.079	95	80591	27.774	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.567%			
63) Toluene-d8	8.647	98	252659	31.095	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.667%			
Target Compounds						Qvalue

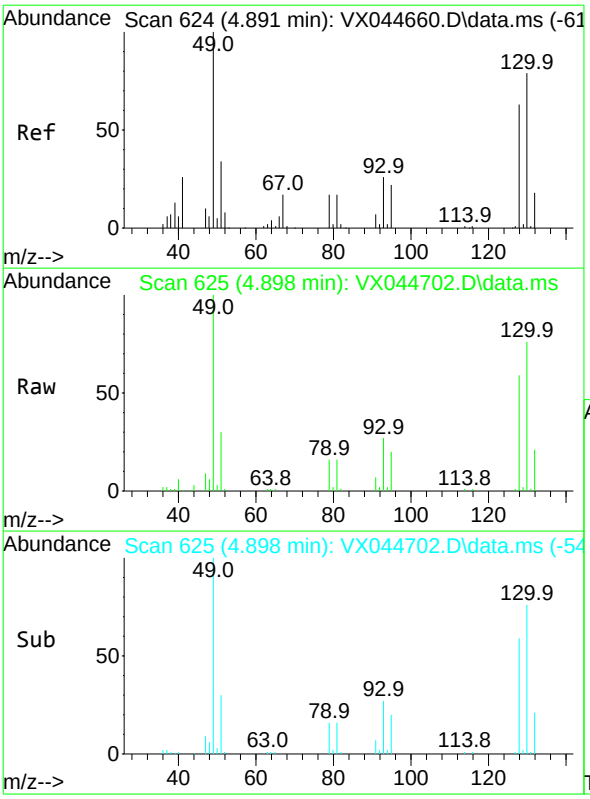
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044702.D
Acq On : 23 Jan 2025 10:18
Operator : JC/MD
Sample : VX0123WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

Quant Time: Jan 24 03:15:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration



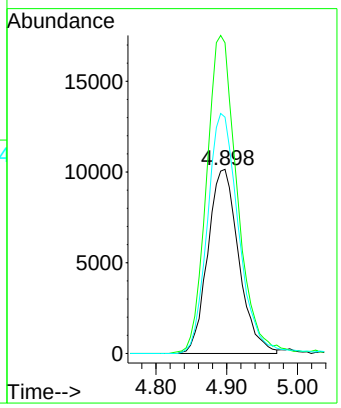


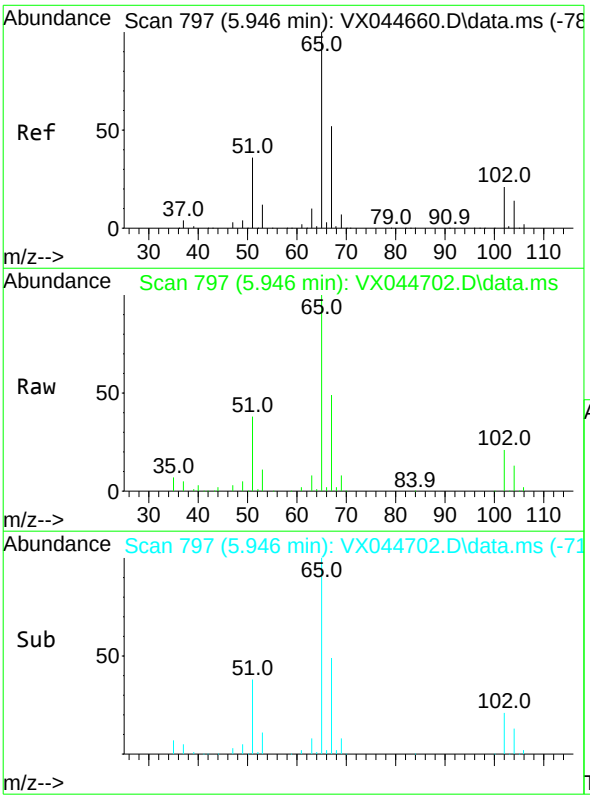
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 62
Delta R.T. 0.007 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

Tgt Ion:128 Resp: 30850

Ion	Ratio	Lower	Upper
128	100		
49	170.5	0.0	411.5
130	131.4	0.0	324.3

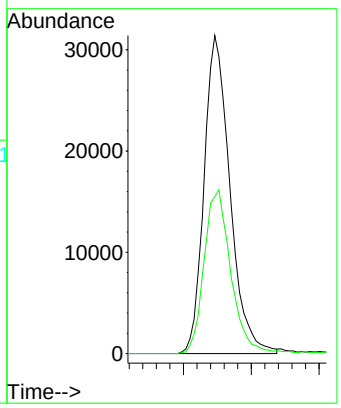


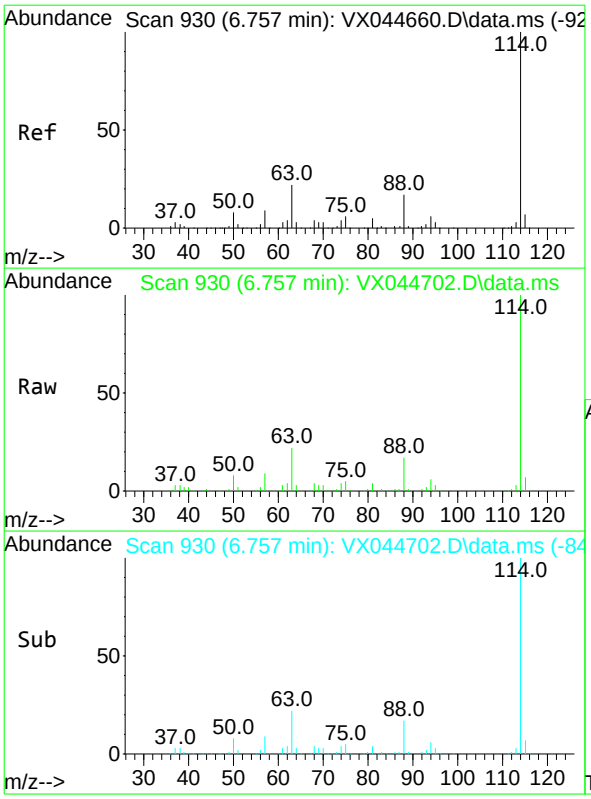


#27
1,2-Dichloroethane-d4
Concen: 27.954 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Tgt Ion: 65 Resp: 83253

Ion	Ratio	Lower	Upper
65	100		
67	52.8	41.4	62.2



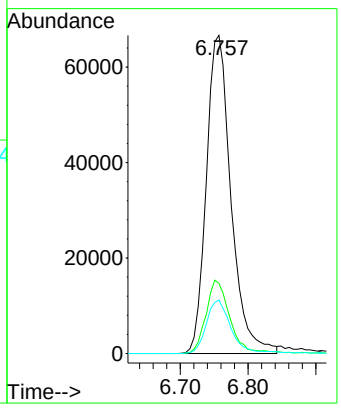


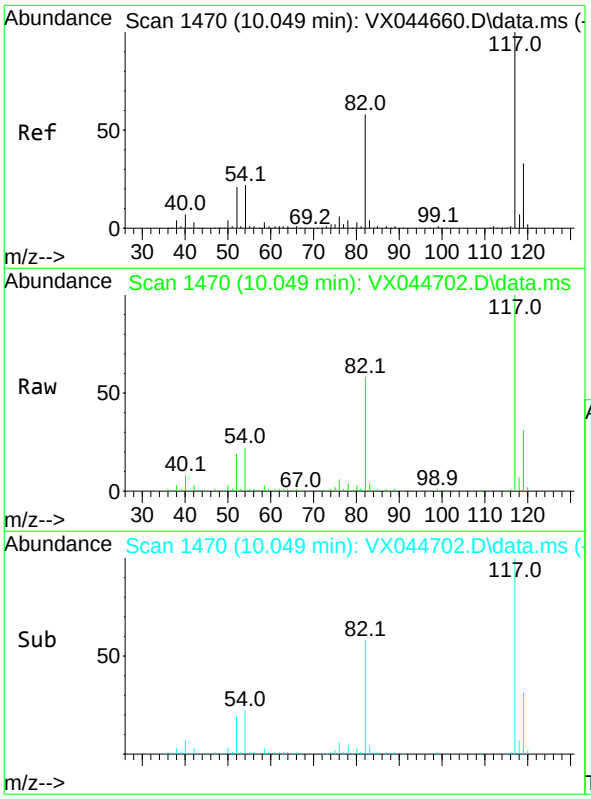
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

Tgt Ion:114 Resp: 168575

Ion	Ratio	Lower	Upper
114	100		
63	22.3	16.6	24.8
88	16.7	13.4	20.2

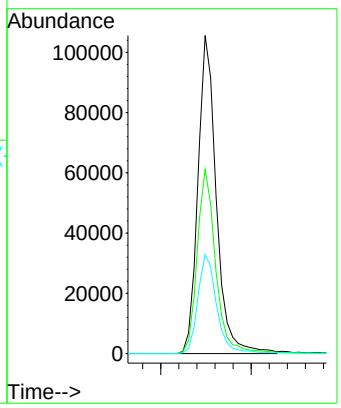


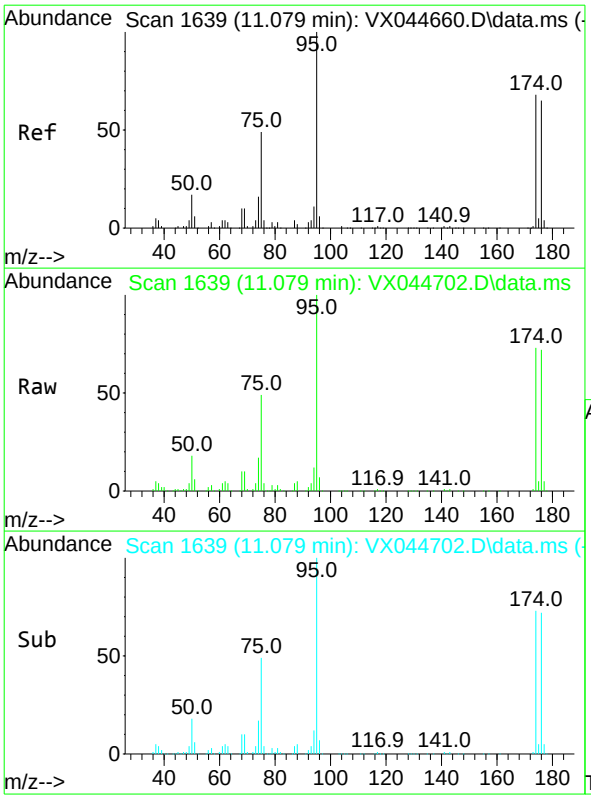


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Tgt Ion:117 Resp: 149390

Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.6
119	32.1	25.8	38.6



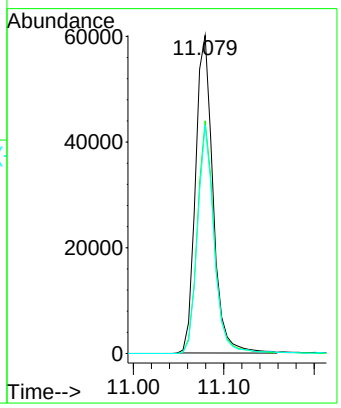


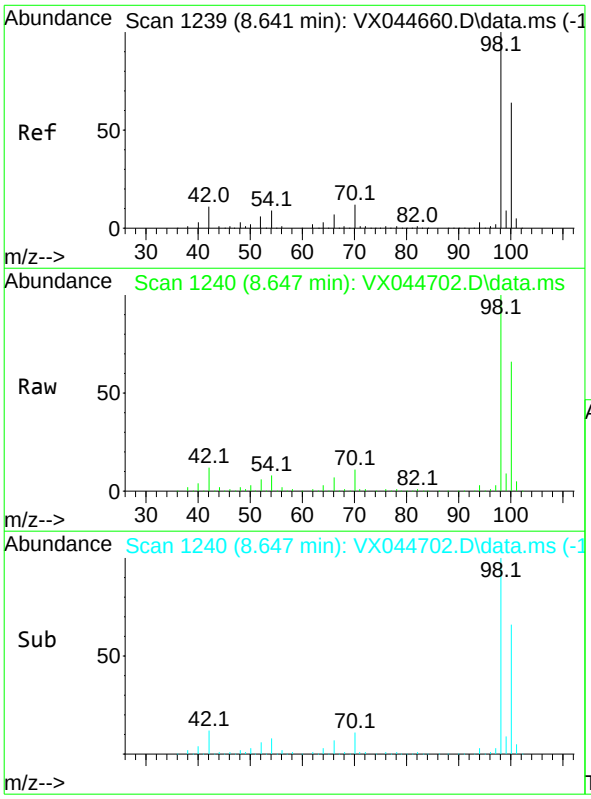
#60
4-Bromofluorobenzene
Concen: 27.774 ug/l
RT: 11.079 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

Tgt Ion: 95 Resp: 80591

Ion	Ratio	Lower	Upper
95	100		
174	70.4	54.6	81.8
176	67.9	52.8	79.2

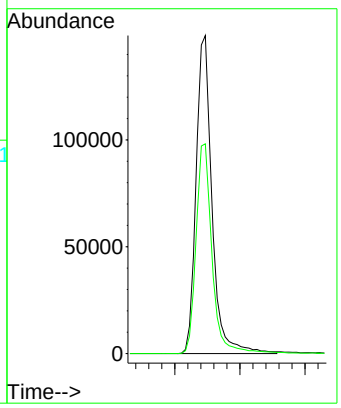




#63
Toluene-d8
Concen: 31.095 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044702.D
Acq: 23 Jan 2025 10:18

Tgt Ion: 98 Resp: 252659

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.6	80.4



Raw Data: **VX044700.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	
Project:	Transfer Station-SPDES	Date Received:	
Client Sample ID:	VX0123WBS01	SDG No.:	Q1145
Lab Sample ID:	VX0123WBS01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044700.D	1		01/23/25 09:28	VX012325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.9		0.69	5.00	ug/L
108-88-3	Toluene	19.2		0.72	5.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	39.1		1.70	10.0	ug/L
95-47-6	o-Xylene	19.5		0.82	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.6		91 - 110	92%	SPK: 30
2037-26-5	Toluene-d8	29.8		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.9		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	31400	4.885			
540-36-3	1,4-Difluorobenzene	167000	6.751			
3114-55-4	Chlorobenzene-d5	150000	10.049			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044700.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044700.D
Acq On : 23 Jan 2025 09:28
Operator : JC/MD
Sample : VX0123WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 24 03:11:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.885	128	31428	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	167207	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	150020	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	83694	27.585	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.967%			
60) 4-Bromofluorobenzene	11.079	95	84268	28.919	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.400%			
63) Toluene-d8	8.641	98	243545	29.848	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	46159	16.519	ug/l	97
3) Chloromethane	1.294	50	55229	18.789	ug/l	99
4) Vinyl Chloride	1.374	62	53110	18.467	ug/l	95
5) Bromomethane	1.611	94	16797	24.166	ug/l	98
6) Chloroethane	1.684	64	11761	25.791	ug/l	93
7) Trichlorofluoromethane	1.873	101	63068	20.024	ug/l	99
8) Diethyl Ether	2.130	74	26242	21.598	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	42267	18.732	ug/l	98
10) 1,1-Dichloroethene	2.312	96	43052	18.546	ug/l	96
11) Methyl Iodide	2.447	142	62351	19.382	ug/l	100
12) Methyl Acetate	2.696	43	61679	18.200	ug/l	96
13) Acrolein	2.233	56	59075	157.622	ug/l	97
14) Acrylonitrile	3.062	53	116915	94.672	ug/l	98
15) Acetone	2.386	58	30504	92.053	ug/l	91
16) Carbon Disulfide	2.501	76	120239	18.638	ug/l	99
17) Allyl chloride	2.654	41	78075	18.650	ug/l	97
18) Methylene Chloride	2.782	84	49236	18.952	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	43855	18.999	ug/l	93
20) Diisopropyl ether	3.751	45	152628	20.087	ug/l	99
21) 1,1-Dichloroethane	3.599	63	84239	18.689	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	51676	18.088	ug/l	98
23) tert-Butyl Alcohol	2.983	59	33620m	56.286	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	149842	18.629	ug/l	98
25) Chloroform	5.080	83	83656	18.678	ug/l	98
26) Cyclohexane	5.458	56	74825	19.751	ug/l #	96
29) 1,1-Dichloropropene	5.684	75	54702	18.809	ug/l	97
30) 2-Butanone	4.550	43	140626	88.022	ug/l	99
31) 2,2-Dichloropropane	4.458	77	67881	16.867	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	69793	18.108	ug/l	98
33) Carbon Tetrachloride	5.665	117	58267	17.921	ug/l	96
34) Benzene	6.025	78	184448	19.878	ug/l	98
35) Methacrylonitrile	4.903	41	33717	18.883	ug/l	95
36) 1,2-Dichloroethane	6.074	62	59889	18.052	ug/l	97
37) Trichloroethene	7.116	130	41667	18.599	ug/l	94
38) Methylcyclohexane	7.366	83	75479	19.101	ug/l	100
39) 1,2-Dichloropropane	7.421	63	47039	20.329	ug/l	96
40) Dibromomethane	7.574	93	32506	18.896	ug/l	98
41) Bromodichloromethane	7.811	83	66942	18.846	ug/l	99
42) Vinyl Acetate	3.709	43	642152	101.210	ug/l	99

Sample Results: **VX044700.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044700.D
Acq On : 23 Jan 2025 09:28
Operator : JC/MD
Sample : VX0123WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 24 03:11:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.702	43	51297	16.368 ug/l #	93
44) Isopropyl Acetate	6.330	43	104232	18.513 ug/l	96
45) 1,4-Dioxane	7.702	88	19863	370.495 ug/l #	64
46) Methyl methacrylate	7.683	41	51178	18.570 ug/l	96
47) n-amyl Acetate	10.841	43	88069	18.639 ug/l	99
48) t-1,3-Dichloropropene	8.976	75	68153	18.179 ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	75271	18.724 ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	44935	20.282 ug/l	98
51) Ethyl methacrylate	9.110	69	72950	18.954 ug/l	94
52) 1,3-Dichloropropane	9.305	76	75679	19.750 ug/l	100
53) Dibromochloromethane	9.512	129	50440	19.053 ug/l	98
54) 1,2-Dibromoethane	9.604	107	43934	18.759 ug/l	100
55) 2-Chloroethyl vinyl ether	8.232	63	172165	92.194 ug/l	99
56) Bromoform	10.799	173	31230	17.790 ug/l	100
58) 4-Methyl-2-Pentanone	8.567	43	301082	95.213 ug/l	99
59) 2-Hexanone	9.427	43	210365	90.868 ug/l	99
61) Tetrachloroethene	9.268	164	32447	18.031 ug/l	98
62) Toluene	8.714	91	189524	19.186 ug/l	99
64) Chlorobenzene	10.073	112	118648	19.340 ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	41071	18.637 ug/l	97
66) Ethyl Benzene	10.189	91	206506	19.156 ug/l	100
67) m/p-Xylenes	10.299	106	154794	39.063 ug/l	96
68) o-Xylene	10.634	106	77692	19.534 ug/l	98
69) Styrene	10.652	104	125401	19.204 ug/l	98
70) Isopropylbenzene	10.957	105	192552	19.258 ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	55246	16.437 ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	47626m	16.843 ug/l	
73) Bromobenzene	11.195	156	41257	17.713 ug/l	97
74) n-propylbenzene	11.299	91	196409	17.295 ug/l	99
75) 2-Chlorotoluene	11.360	91	129839	18.185 ug/l	100
76) 1,3,5-Trimethylbenzene	11.445	105	157349	19.379 ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	21779	16.280 ug/l	98
78) 4-Chlorotoluene	11.451	91	147496	18.748 ug/l	99
79) tert-butylbenzene	11.713	119	164644	19.738 ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	157174	19.186 ug/l	98
81) sec-Butylbenzene	11.884	105	196919	19.770 ug/l	99
82) p-Isopropyltoluene	12.006	119	157153	19.171 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	77184	18.657 ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	78278	19.301 ug/l	97
85) n-Butylbenzene	12.329	91	134979	18.995 ug/l	100
86) Hexachloroethane	12.536	117	33845	18.768 ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	77112	18.666 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12007	14.832 ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	45606	17.764 ug/l	98
90) Hexachlorobutadiene	13.719	225	17672	17.795 ug/l	96
91) Naphthalene	13.774	128	168147	17.506 ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	45654	17.483 ug/l	97

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

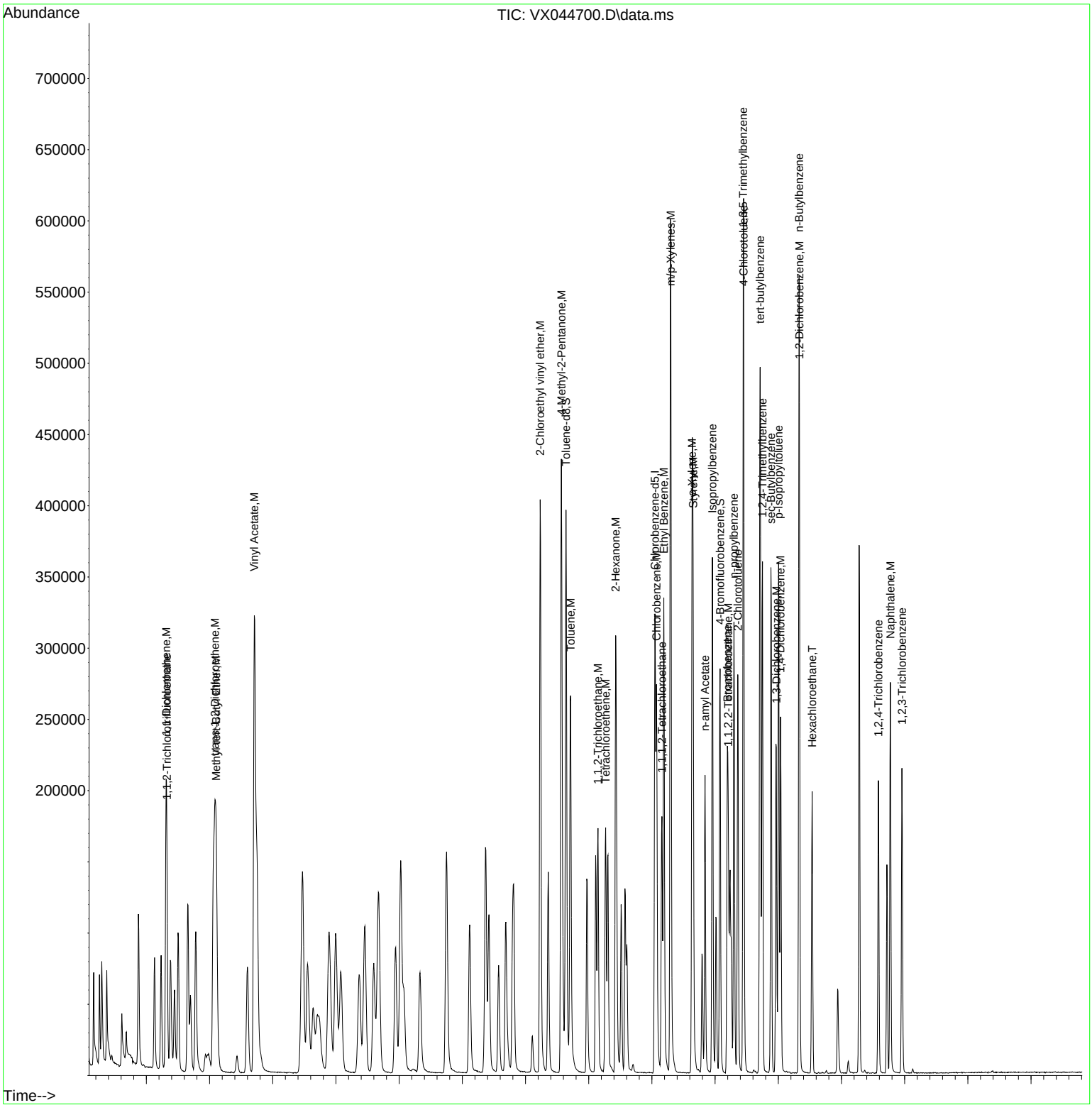
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044700.D
Acq On : 23 Jan 2025 09:28
Operator : JC/MD
Sample : VX0123WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 24 03:11:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



Raw Data: **VX044701.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	
Project:	Transfer Station-SPDES	Date Received:	
Client Sample ID:	VX0123WBSD01	SDG No.:	Q1145
Lab Sample ID:	VX0123WBSD01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044701.D	1		01/23/25 09:56	VX012325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.3		0.69	5.00	ug/L
108-88-3	Toluene	19.3		0.72	5.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	38.9		1.70	10.0	ug/L
95-47-6	o-Xylene	19.3		0.82	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.8		91 - 110	93%	SPK: 30
2037-26-5	Toluene-d8	30.4		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.6		63 - 112	99%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	30400	4.885			
540-36-3	1,4-Difluorobenzene	172000	6.751			
3114-55-4	Chlorobenzene-d5	152000	10.049			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044701.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044701.D
Acq On : 23 Jan 2025 09:56
Operator : JC/MD
Sample : VX0123WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 03:14:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.885	128	30388	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.751	114	171874	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.049	117	151608	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.946	65	81600	27.815	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.733%				
60) 4-Bromofluorobenzene	11.079	95	87212	29.616	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.733%				
63) Toluene-d8	8.641	98	250597	30.390	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	46829	17.332	ug/l		99
3) Chloromethane	1.294	50	51953	18.280	ug/l		98
4) Vinyl Chloride	1.374	62	53079	19.088	ug/l		100
5) Bromomethane	1.611	94	15641	23.273	ug/l		98
6) Chloroethane	1.679	64	12396	28.114	ug/l		94
7) Trichlorofluoromethane	1.880	101	54935	18.039	ug/l		99
8) Diethyl Ether	2.130	74	18745	15.956	ug/l		93
9) 1,1,2-Trichlorotrifluo...	2.325	101	44846	20.555	ug/l		97
10) 1,1-Dichloroethene	2.313	96	42893	19.110	ug/l		91
11) Methyl Iodide	2.447	142	57552	18.503	ug/l		99
12) Methyl Acetate	2.697	43	55710	17.001	ug/l		99
13) Acrolein	2.233	56	42449	117.137	ug/l		99
14) Acrylonitrile	3.056	53	104156	87.227	ug/l		98
15) Acetone	2.380	58	26783	83.590	ug/l		100
16) Carbon Disulfide	2.502	76	123299	19.766	ug/l		100
17) Allyl chloride	2.654	41	77621	19.176	ug/l		96
18) Methylene Chloride	2.782	84	47892	19.066	ug/l		98
19) trans-1,2-Dichloroethene	3.087	96	43409	19.449	ug/l		97
20) Diisopropyl ether	3.751	45	147188	20.034	ug/l		99
21) 1,1-Dichloroethane	3.599	63	84468	19.381	ug/l		98
22) cis-1,2-Dichloroethene	4.477	96	54083	19.578	ug/l		99
23) tert-Butyl Alcohol	2.977	59	25970	44.967	ug/l	#	100
24) Methyl tert-Butyl Ether	3.105	73	138752	17.841	ug/l		97
25) Chloroform	5.080	83	81932	18.919	ug/l		100
26) Cyclohexane	5.458	56	77840	21.250	ug/l	#	96
29) 1,1-Dichloropropene	5.684	75	57214	19.138	ug/l		99
30) 2-Butanone	4.550	43	131906	80.322	ug/l		99
31) 2,2-Dichloropropane	4.465	77	72984	17.642	ug/l		99
32) 1,1,1-Trichloroethane	5.373	97	70074	17.687	ug/l		98
33) Carbon Tetrachloride	5.666	117	60444	18.086	ug/l		99
34) Benzene	6.025	78	184218	19.314	ug/l		99
35) Methacrylonitrile	4.910	41	30485	16.609	ug/l		98
36) 1,2-Dichloroethane	6.074	62	58620	17.190	ug/l		98
37) Trichloroethene	7.117	130	42878	18.620	ug/l		98
38) Methylcyclohexane	7.373	83	80756	19.882	ug/l		100
39) 1,2-Dichloropropane	7.421	63	45980	19.332	ug/l		98
40) Dibromomethane	7.574	93	31037	17.553	ug/l		99
41) Bromodichloromethane	7.812	83	64015	17.533	ug/l		96
42) Vinyl Acetate	3.709	43	596134	91.406	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044701.D
Acq On : 23 Jan 2025 09:56
Operator : JC/MD
Sample : VX0123WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 03:14:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.702	43	52284	16.230 ug/l #	96
44) Isopropyl Acetate	6.330	43	97488	16.845 ug/l	99
45) 1,4-Dioxane	7.702	88	18796	341.073 ug/l	97
46) Methyl methacrylate	7.690	41	45716	16.138 ug/l	97
47) n-amyl Acetate	10.842	43	81339	16.747 ug/l	99
48) t-1,3-Dichloropropene	8.976	75	66913	17.363 ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	75011	18.152 ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	42904	18.840 ug/l	95
51) Ethyl methacrylate	9.110	69	68250	17.252 ug/l	98
52) 1,3-Dichloropropane	9.305	76	73627	18.693 ug/l	100
53) Dibromochloromethane	9.519	129	47845	17.582 ug/l	99
54) 1,2-Dibromoethane	9.604	107	42218	17.537 ug/l	100
55) 2-Chloroethyl vinyl ether	8.232	63	170151	88.642 ug/l	98
56) Bromoform	10.799	173	29781	16.504 ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	273414	85.557 ug/l	99
59) 2-Hexanone	9.427	43	194421	83.101 ug/l	99
61) Tetrachloroethene	9.269	164	35071	19.285 ug/l	95
62) Toluene	8.714	91	192451	19.278 ug/l	98
64) Chlorobenzene	10.073	112	117154	18.896 ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	40000	17.961 ug/l	99
66) Ethyl Benzene	10.189	91	208310	19.121 ug/l	96
67) m/p-Xylenes	10.299	106	155606	38.857 ug/l	98
68) o-Xylene	10.640	106	77523	19.288 ug/l	99
69) Styrene	10.653	104	126370	19.150 ug/l	99
70) Isopropylbenzene	10.957	105	194932	19.292 ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	59892	17.632 ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	50336m	17.614 ug/l	
73) Bromobenzene	11.195	156	43977	18.683 ug/l	99
74) n-propylbenzene	11.299	91	227898	19.858 ug/l	100
75) 2-Chlorotoluene	11.360	91	141239	19.575 ug/l	100
76) 1,3,5-Trimethylbenzene	11.445	105	163884	19.972 ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	21618	15.990 ug/l	98
78) 4-Chlorotoluene	11.451	91	155256	19.528 ug/l	100
79) tert-butylbenzene	11.713	119	166058	19.699 ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	158645	19.163 ug/l	99
81) sec-Butylbenzene	11.890	105	200227	19.892 ug/l	100
82) p-Isopropyltoluene	12.006	119	164522	19.859 ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	79388	18.988 ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	79396	19.371 ug/l	98
85) n-Butylbenzene	12.329	91	144210	20.081 ug/l	99
86) Hexachloroethane	12.536	117	34107	18.715 ug/l	99
87) 1,2-Dichlorobenzene	12.329	146	78557	18.816 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11376	13.905 ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	47392	18.266 ug/l	99
90) Hexachlorobutadiene	13.719	225	19452	19.383 ug/l	99
91) Naphthalene	13.774	128	166099	17.112 ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	48170	18.254 ug/l	99

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

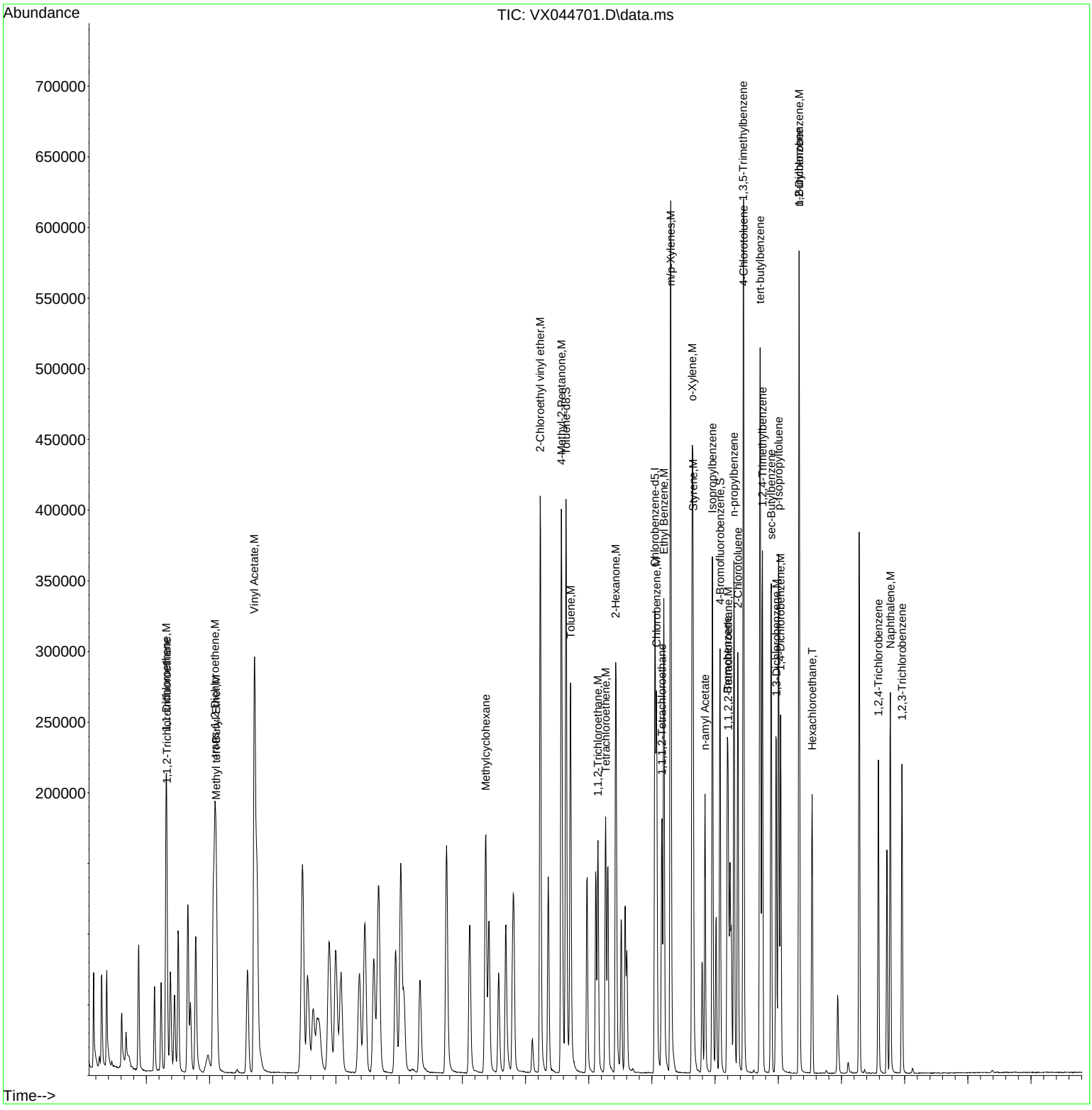
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044701.D
Acq On : 23 Jan 2025 09:56
Operator : JC/MD
Sample : VX0123WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 03:14:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX011625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX012325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VX044699.D	1,2,3-Trichloropropane	MMDadoda	1/24/2025 10:11:41 AM	SAM	1/24/2025 10:16:58 AM	Peak Integrated by Software
VSTDCCC020	VX044699.D	1,4-Dioxane	MMDadoda	1/24/2025 10:11:41 AM	SAM	1/24/2025 10:16:58 AM	Peak Integrated by Software
VSTDCCC020	VX044699.D	tert-Butyl Alcohol	MMDadoda	1/24/2025 10:11:41 AM	SAM	1/24/2025 10:16:58 AM	Peak Integrated by Software
VX0123WBS01	VX044700.D	1,2,3-Trichloropropane	MMDadoda	1/24/2025 10:11:43 AM	SAM	1/24/2025 10:16:59 AM	Peak Integrated by Software
VX0123WBS01	VX044700.D	tert-Butyl Alcohol	MMDadoda	1/24/2025 10:11:43 AM	SAM	1/24/2025 10:16:59 AM	Peak Integrated by Software
VX0123WBSD01	VX044701.D	1,2,3-Trichloropropane	MMDadoda	1/24/2025 10:11:44 AM	SAM	1/24/2025 10:17:01 AM	Peak Integrated by Software
Q1145-01	VX044705.D	2-Butanone	MMDadoda	1/24/2025 10:11:47 AM	SAM	1/24/2025 10:17:04 AM	Peak Integrated by Software
VSTDCCC020	VX044709.D	1,2,3-Trichloropropane	MMDadoda	1/24/2025 10:11:53 AM	SAM	1/24/2025 10:17:10 AM	Peak Integrated by Software
VSTDCCC020	VX044709.D	Chloroethane	MMDadoda	1/24/2025 10:11:53 AM	SAM	1/24/2025 10:17:10 AM	Peak Integrated by Software
VSTDCCC020	VX044709.D	tert-Butyl Alcohol	MMDadoda	1/24/2025 10:11:53 AM	SAM	1/24/2025 10:17:10 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX011625

Review By	Mahesh Dadoda	Review On	1/17/2025 6:39:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	1/17/2025 6:41:46 AM		
SubDirectory	VX011625	HP Acquire Method		HP Processing Method	624X011625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132565
Initial Calibration Stds	VP132567,VP132568,VP132569,VP132570,VP132571
CCC	VP132566,VP132573
Internal Standard/PEM	
ICV/I.BLK	VP132572
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044658.D	16 Jan 2025 08:02		Ok
2	VSTDICC005	VX044659.D	16 Jan 2025 08:39		Ok,M
3	VSTDICCC020	VX044660.D	16 Jan 2025 09:02		Ok,M
4	VSTDICC050	VX044661.D	16 Jan 2025 09:25		Ok,M
5	VSTDICC100	VX044662.D	16 Jan 2025 09:49		Ok,M
6	VSTDICC150	VX044663.D	16 Jan 2025 10:12		Ok,M
7	IBLK	VX044664.D	16 Jan 2025 10:35		Ok
8	VSTDICV020	VX044665.D	16 Jan 2025 11:45		Ok,M
9	VX0116WBS01	VX044666.D	16 Jan 2025 12:15		Ok,M
10	VX0116WBSD01	VX044667.D	16 Jan 2025 12:42		Ok,M
11	VX0116WBL01	VX044668.D	16 Jan 2025 13:05		Ok
12	Q1083-01	VX044669.D	16 Jan 2025 13:33		Ok
13	Q1083-02	VX044670.D	16 Jan 2025 13:55		Ok
14	IBLK	VX044671.D	16 Jan 2025 14:18		Ok
15	P4368-09 2.5PPB	VX044672.D	16 Jan 2025 14:46		Ok,M
16	VSTDCCC020	VX044673.D	16 Jan 2025 16:04		Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX012325

Review By	John Carlone	Review On	1/23/2025 12:09:26 PM		
Supervise By	Mahesh Dadoda	Supervise On	1/24/2025 10:11:38 AM		
SubDirectory	VX012325	HP Acquire Method		HP Processing Method	624X011625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132654
Initial Calibration Stds	
CCC	VP132655,VP132656
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044698.D	23 Jan 2025 07:54	JC/MD	Ok
2	VSTDCCC020	VX044699.D	23 Jan 2025 08:21	JC/MD	Ok,M
3	VX0123WBS01	VX044700.D	23 Jan 2025 09:28	JC/MD	Ok,M
4	VX0123WBSD01	VX044701.D	23 Jan 2025 09:56	JC/MD	Ok,M
5	VX0123WBL01	VX044702.D	23 Jan 2025 10:18	JC/MD	Ok
6	Q1145-01	VX044703.D	23 Jan 2025 10:54	JC/MD	ReRun
7	Q1145-02	VX044704.D	23 Jan 2025 11:16	JC/MD	Ok
8	Q1145-01	VX044705.D	23 Jan 2025 11:39	JC/MD	Ok,M
9	IBLK	VX044706.D	23 Jan 2025 12:17	JC/MD	Ok
10	Q1168-07 2.5PPB	VX044707.D	23 Jan 2025 14:43	JC/MD	ReRun
11	Q1168-08 5.0PPB	VX044708.D	23 Jan 2025 15:12	JC/MD	ReRun
12	VSTDCCC020	VX044709.D	23 Jan 2025 15:45	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX011625

Review By	Mahesh Dadoda	Review On	1/17/2025 6:39:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	1/17/2025 6:41:46 AM		
SubDirectory	VX011625	HP Acquire Method		HP Processing Method	624X011625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132565
Initial Calibration Stds	VP132567,VP132568,VP132569,VP132570,VP132571
CCC	VP132566,VP132573
Internal Standard/PEM	
ICV/I.BLK	VP132572
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044658.D	16 Jan 2025 08:02			Ok
2	VSTDICC005	VSTDICC005	VX044659.D	16 Jan 2025 08:39	V13516		Ok,M
3	VSTDICCC020	VSTDICCC020	VX044660.D	16 Jan 2025 09:02			Ok,M
4	VSTDICC050	VSTDICC050	VX044661.D	16 Jan 2025 09:25			Ok,M
5	VSTDICC100	VSTDICC100	VX044662.D	16 Jan 2025 09:49			Ok,M
6	VSTDICC150	VSTDICC150	VX044663.D	16 Jan 2025 10:12			Ok,M
7	IBLK	IBLK	VX044664.D	16 Jan 2025 10:35			Ok
8	VSTDICV020	ICVVX011625	VX044665.D	16 Jan 2025 11:45			Ok,M
9	VX0116WBS01	VX0116WBS01	VX044666.D	16 Jan 2025 12:15			Ok,M
10	VX0116WBSD01	VX0116WBSD01	VX044667.D	16 Jan 2025 12:42			Ok,M
11	VX0116WBL01	VX0116WBL01	VX044668.D	16 Jan 2025 13:05			Ok
12	Q1083-01	001-WILLETS-PT-BLVD	VX044669.D	16 Jan 2025 13:33	vial A pH<2		Ok
13	Q1083-02	002-35TH-AVE(DEC)	VX044670.D	16 Jan 2025 13:55	vial A pH<2		Ok
14	IBLK	IBLK	VX044671.D	16 Jan 2025 14:18			Ok
15	P4368-09 2.5PPB	MDL-WATER-03-QT4-2	VX044672.D	16 Jan 2025 14:46			Ok,M
16	VSTDCCC020	VSTDCCC020EC	VX044673.D	16 Jan 2025 16:04			Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX012325

Review By	John Carlone	Review On	1/23/2025 12:09:26 PM		
Supervise By	Mahesh Dadoda	Supervise On	1/24/2025 10:11:38 AM		
SubDirectory	VX012325	HP Acquire Method		HP Processing Method	624X011625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132654
Initial Calibration Stds	
CCC	VP132655,VP132656
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044698.D	23 Jan 2025 07:54		JC/MD	Ok
2	VSTDCCC020	VSTDCCC020	VX044699.D	23 Jan 2025 08:21	V13516	JC/MD	Ok,M
3	VX0123WBS01	VX0123WBS01	VX044700.D	23 Jan 2025 09:28		JC/MD	Ok,M
4	VX0123WBSD01	VX0123WBSD01	VX044701.D	23 Jan 2025 09:56		JC/MD	Ok,M
5	VX0123WBL01	VX0123WBL01	VX044702.D	23 Jan 2025 10:18		JC/MD	Ok
6	Q1145-01	001 WILLETS PT BLVD	VX044703.D	23 Jan 2025 10:54	vial A pH<2 Surrogate fail	JC/MD	ReRun
7	Q1145-02	002 35TH AVE (DEC)	VX044704.D	23 Jan 2025 11:16	vial A pH<2	JC/MD	Ok
8	Q1145-01	001 WILLETS PT BLVD	VX044705.D	23 Jan 2025 11:39	vial B pH<2	JC/MD	Ok,M
9	IBLK	IBLK	VX044706.D	23 Jan 2025 12:17		JC/MD	Ok
10	Q1168-07 2.5PPB	LOD-MDL-WATER-01-(	VX044707.D	23 Jan 2025 14:43	Internal Standard Fail	JC/MD	ReRun
11	Q1168-08 5.0PPB	LOQ-WATER-02-QT1-2	VX044708.D	23 Jan 2025 15:12	Internal Standard Fail	JC/MD	ReRun
12	VSTDCCC020	VSTDCCC020EC	VX044709.D	23 Jan 2025 15:45		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. Q1145
COC Number 2041685

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Tully Environmental Inc
ADDRESS: 57 Seaview Blvd
CITY Pt Washington STATE: NY ZIP: 11050
ATTENTION: DDevic
PHONE: 718 4467000 FAX: 718 458 5199

CLIENT PROJECT INFORMATION

PROJECT NAME: Franke Station SPDES
PROJECT NO.: 252113 LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) ASAP DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

TSS, BTEX

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	601 Willets Blvd (Dec)	W		X	1/21	130			X							
2.	0023 5th Ave (DEC)	W		X	1/21	130		X	X							
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. DDevic	1/21 25	1.
2.	1315 1-22-25	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: IR Gun #1

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1145 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 1/21/2025 3:39:00 PM
Project Name : Transfer Station-SPDES
Receive DateTime : 1/22/2025 11:15:00 AM
Purchase Order :

Project Mgr : Yazmeen
Report Type : Results Only
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff : 1/22/2025 12:22:22 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1145-01	001-WILLETS PT BLVD(DEC)	Water	01/~~14~~21/2025	13:30					
					VOC-BTEX		624.1		1 Bus. Day
Q1145-02	002-~~3RD~~ 35TH AVE (DEC)	Water	01/~~14~~21/2025	13:30					
					VOC-BTEX		624.1		1 Bus. Day

Relinguished By : _____
Date / Time : 1-22-25 1245

Received By : _____
Date / Time : 1.22.25 12:45

Storage Area : **VOA Refridgerator Room**