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Cover Page

Order ID : Q2203

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number	Client Sample Number
Q2203-01	001-WILLETS-PT-BLVD(JUNE)
Q2203-04	002-35TH-AVE(JUNE)

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: 6/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 #: **Q2203**

	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: **KETAN PATEL** **Date:** **06/12/2025**

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LAB CHRONICLE

OrderID:	Q2203	**OrderDate:**	6/4/2025 12:05:00 PM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2203-01	**001-WILLETS-PT-BLVD(JUNE)**	**Water**			**06/03/25**			**06/04/25**
			VOC-BTEX	624.1			06/11/25	
Q2203-01DL	**001-WILLETS-PT-BLVD(JUNE)DL**	**Water**			**06/03/25**			**06/04/25**
			VOC-BTEX	624.1			06/11/25	
Q2203-04	**002-35TH-AVE(JUNE)**	**Water**			**06/03/25**			**06/04/25**
			VOC-BTEX	624.1			06/11/25	
Q2203-04DL	**002-35TH-AVE(JUNE)DL**	**Water**			**06/03/25**			**06/04/25**
			VOC-BTEX	624.1			06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2203

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001-WILLETS-PT-BLVD(JUNE)**							
Q2203-01	001-WILLETS-PT-	Water	Toluene	260	E	0.46	5.00	ug/L
			Total Voc :	260				
			Total Concentration:	260				
Client ID:	**001-WILLETS-PT-BLVD(JUNE)DL**							
Q2203-01DL	001-WILLETS-PT-	Water	Toluene	280	D	2.30	25.0	ug/L
			Total Voc :	280				
			Total Concentration:	280				
Client ID:	**002-35TH-AVE(JUNE)**							
Q2203-04	002-35TH-AVE(JU	Water	Toluene	290	E	0.46	5.00	ug/L
			Total Voc :	290				
			Total Concentration:	290				
Client ID:	**002-35TH-AVE(JUNE)DL**							
Q2203-04DL	002-35TH-AVE(JU	Water	Toluene	230	D	2.30	25.0	ug/L
			Total Voc :	230				
			Total Concentration:	230				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2203

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2203-01	001-WILLETS-PT-BLVD(JUNE)	1,2-Dichloroethane-d4	30	30.1	100	91	110
		Toluene-d8	30	30.4	101	91	112
		4-Bromofluorobenzene	30	29.0	97	63	112
Q2203-01DL	001-WILLETS-PT-BLVD(JUNE)DL	1,2-Dichloroethane-d4	30	32.3	108	91	110
		Toluene-d8	30	29.6	99	91	112
		4-Bromofluorobenzene	30	30.0	100	63	112
Q2203-04	002-35TH-AVE(JUNE)	1,2-Dichloroethane-d4	30	30.9	103	91	110
		Toluene-d8	30	30.0	100	91	112
		4-Bromofluorobenzene	30	28.5	95	63	112
Q2203-04DL	002-35TH-AVE(JUNE)DL	1,2-Dichloroethane-d4	30	30.8	103	91	110
		Toluene-d8	30	29.7	99	91	112
		4-Bromofluorobenzene	30	29.0	97	63	112
VX0610WBL02	VX0610WBL02	1,2-Dichloroethane-d4	30	31.4	105	91	110
		Toluene-d8	30	30.1	100	91	112
		4-Bromofluorobenzene	30	29.7	99	63	112
VX0610WBS02	VX0610WBS02	1,2-Dichloroethane-d4	30	30.2	101	91	110
		Toluene-d8	30	30.7	102	91	112
		4-Bromofluorobenzene	30	30.7	102	63	112
VX0610WBSD0	VX0610WBSD02	1,2-Dichloroethane-d4	30	30.2	101	91	110
		Toluene-d8	30	30.2	101	91	112
		4-Bromofluorobenzene	30	30.4	101	63	112
VX0611WBL01	VX0611WBL01	1,2-Dichloroethane-d4	30	30.5	102	91	110
		Toluene-d8	30	29.8	99	91	112
		4-Bromofluorobenzene	30	30.3	101	63	112
VX0611WBS01	VX0611WBS01	1,2-Dichloroethane-d4	30	29.9	100	91	110
		Toluene-d8	30	29.9	100	91	112
		4-Bromofluorobenzene	30	30.1	100	63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2203

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VX046621.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0610WBS02	Benzene	20	18.1	ug/L	91			65	135	
	Toluene	20	18.7	ug/L	94			70	130	
	Ethyl Benzene	20	18.5	ug/L	93			60	140	
	m/p-Xylenes	40	37.8	ug/L	95			87	111	
	o-Xylene	20	18.6	ug/L	93			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2203

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VX046622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0610WBSD02	Benzene	20	19.8	ug/L	99	8		65	135	20
	Toluene	20	20.3	ug/L	102	8		70	130	20
	Ethyl Benzene	20	19.9	ug/L	100	7		60	140	20
	m/p-Xylenes	40	40.9	ug/L	102	7		87	111	20
	o-Xylene	20	20.2	ug/L	101	8		87	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2203

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VX046629.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0611WBS01	Benzene	20	19.1	ug/L	96			65	135	
	Toluene	20	18.7	ug/L	94			70	130	
	Ethyl Benzene	20	18.6	ug/L	93			60	140	
	m/p-Xylenes	40	38.1	ug/L	95			87	111	
	o-Xylene	20	18.3	ug/L	92			87	111	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0610WBL02

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046623.D Lab Sample ID: VX0610WBL02

Date Analyzed: 06/11/2025 Time Analyzed: 00:12

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
VX0610WBS02	VX0610WBS02	VX046621.D	06/10/2025
VX0610WBSD02	VX0610WBSD02	VX046622.D	06/10/2025
001-WILLETS-PT-BLVD(JUNE)	Q2203-01	VX046624.D	06/11/2025
002-35TH-AVE(JUNE)	Q2203-04	VX046625.D	06/11/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0611WBL01

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046631.D Lab Sample ID: VX0611WBL01

Date Analyzed: 06/11/2025 Time Analyzed: 12:31

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
VX0611WBS01	VX0611WBS01	VX046629.D	06/11/2025
001-WILLETS-PT-BLVD(JUNE)DL	Q2203-01DL	VX046632.D	06/11/2025
002-35TH-AVE(JUNE)DL	Q2203-04DL	VX046633.D	06/11/2025

COMMENTS:

Raw Data: **VX046613.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046613.D BFB Injection Date: 06/10/2025

Instrument ID: MSVOA_X BFB Injection Time: 19:57

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	20.3
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	70
175	5.0 - 9.0% of mass 174	5.2 (7.4) 1
176	95.0 - 101.0% of mass 174	66.7 (95.2) 1
177	5.0 - 9.0% of mass 176	4.6 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046614.D	06/10/2025	20:19
VSTDICCC020	VSTDICCC020	VX046615.D	06/10/2025	20:40
VSTDICC050	VSTDICC050	VX046616.D	06/10/2025	21:01
VSTDICC100	VSTDICC100	VX046617.D	06/10/2025	21:22
VSTDICC150	VSTDICC150	VX046618.D	06/10/2025	21:44
VX0610WBS02	VX0610WBS02	VX046621.D	06/10/2025	23:09
VX0610WBSD02	VX0610WBSD02	VX046622.D	06/10/2025	23:30
VX0610WBL02	VX0610WBL02	VX046623.D	06/11/2025	00:12
001-WILLETS-PT-BLVD(JUNE)	Q2203-01	VX046624.D	06/11/2025	00:33
002-35TH-AVE(JUNE)	Q2203-04	VX046625.D	06/11/2025	00:54

Raw Data: **VX046627.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046627.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_X BFB Injection Time: 10:45

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	20.6
75	30.0 - 60.0% of mass 95	53.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	5.1 (7.4) 1
176	95.0 - 101.0% of mass 174	66.2 (96.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC020	VSTDCCC020	VX046628.D	06/11/2025	11:12
VX0611WBS01	VX0611WBS01	VX046629.D	06/11/2025	11:43
VX0611WBL01	VX0611WBL01	VX046631.D	06/11/2025	12:31
001-WILLETS-PT-BLVD(JUNE)DL	Q2203-01DL	VX046632.D	06/11/2025	12:57
002-35TH-AVE(JUNE)DL	Q2203-04DL	VX046633.D	06/11/2025	13:18

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046615.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_X Time Analyzed: 20:40

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	19846	4.92	104620	6.77	96769	10.06
UPPER LIMIT	39692	5.416	209240	7.269	193538	10.555
LOWER LIMIT	9923	4.416	52310	6.269	48384.5	9.555
EPA SAMPLE NO.						
001-WILLETS-PT-BLVD(JUNE)	18793	4.91	96292	6.77	85225	10.06
002-35TH-AVE(JUNE)	17480	4.92	92940	6.77	83680	10.06
VX0610WBL02	18694	4.92	99149	6.77	91863	10.06
VX0610WBS02	19222	4.92	103988	6.77	93147	10.06
VX0610WBSD02	18375	4.92	97353	6.77	88537	10.06

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.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046615.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_X Time Analyzed: 20:40

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(JUNE)	0	0.00				
002-35TH-AVE(JUNE)	0	0.00				
VX0610WBL02	0	0.00				
VX0610WBS02	0	0.00				
VX0610WBSD02	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.**

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046628.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_X Time Analyzed: 11:12

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	20635	4.91	110776	6.76	99656	10.06
UPPER LIMIT	41270	5.41	221552	7.263	199312	10.555
LOWER LIMIT	10317.5	4.41	55388	6.263	49828	9.555
EPA SAMPLE NO.						
001-WILLETS-PT-BLVD(JUNE)DL	17527	4.91	97029	6.77	88227	10.06
002-35TH-AVE(JUNE)DL	21583	4.92	115703	6.77	106468	10.06
VX0611WBL01	19239	4.92	103534	6.77	93773	10.06
VX0611WBS01	20422	4.91	109005	6.76	100408	10.06

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.: Q2203 SAS No.: Q2203 SDG NO.: Q2203

Lab File ID: VX046628.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_X Time Analyzed: 11:12

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(JUNE)DL	0	0.00				
002-35TH-AVE(JUNE)DL	0	0.00				
VX0611WBL01	0	0.00				
VX0611WBS01	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: **VX046624.D**

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Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/03/25
Project:	Transfer Station-SPDES	Date Received:	06/04/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)	SDG No.:	Q2203
Lab Sample ID:	Q2203-01	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
VX046624.D	1		06/11/25 00:33	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	260	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.0		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	30.4		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.0		63 - 112	97%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	18800	4.91			
540-36-3	1,4-Difluorobenzene	96300	6.769			
3114-55-4	Chlorobenzene-d5	85200	10.055			

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: **VX046624.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046624.D
Acq On : 11 Jun 2025 00:33
Operator : JC/MD
Sample : Q2203-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 11 06:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.910	128	18793	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	96292	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85225	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	45708	30.046	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	11.079	95	41689	29.021	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.733%			
63) Toluene-d8	8.653	98	115867	30.437	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.467%			
Target Compounds						Qvalue
12) Methyl Acetate	2.721	43	7613m	5.384	ug/l	
15) Acetone	2.386	58	22454	168.973	ug/l	91
16) Carbon Disulfide	2.550	76	67793m	21.781	ug/l	
30) 2-Butanone	4.574	43	22862	33.866	ug/l #	97
58) 4-Methyl-2-Pentanone	8.580	43	5656	4.080	ug/l	97
62) Toluene	8.720	91	1220724	264.301	ug/l	99
67) m/p-Xylenes	10.299	106	2168	1.111	ug/l	86
80) 1,2,4-Trimethylbenzene	11.750	105	4576	1.106	ug/l	75
82) p-Isopropyltoluene	12.006	119	19068	4.347	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046624.D
Acq On : 11 Jun 2025 00:33
Operator : JC/MD
Sample : Q2203-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 11 06:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

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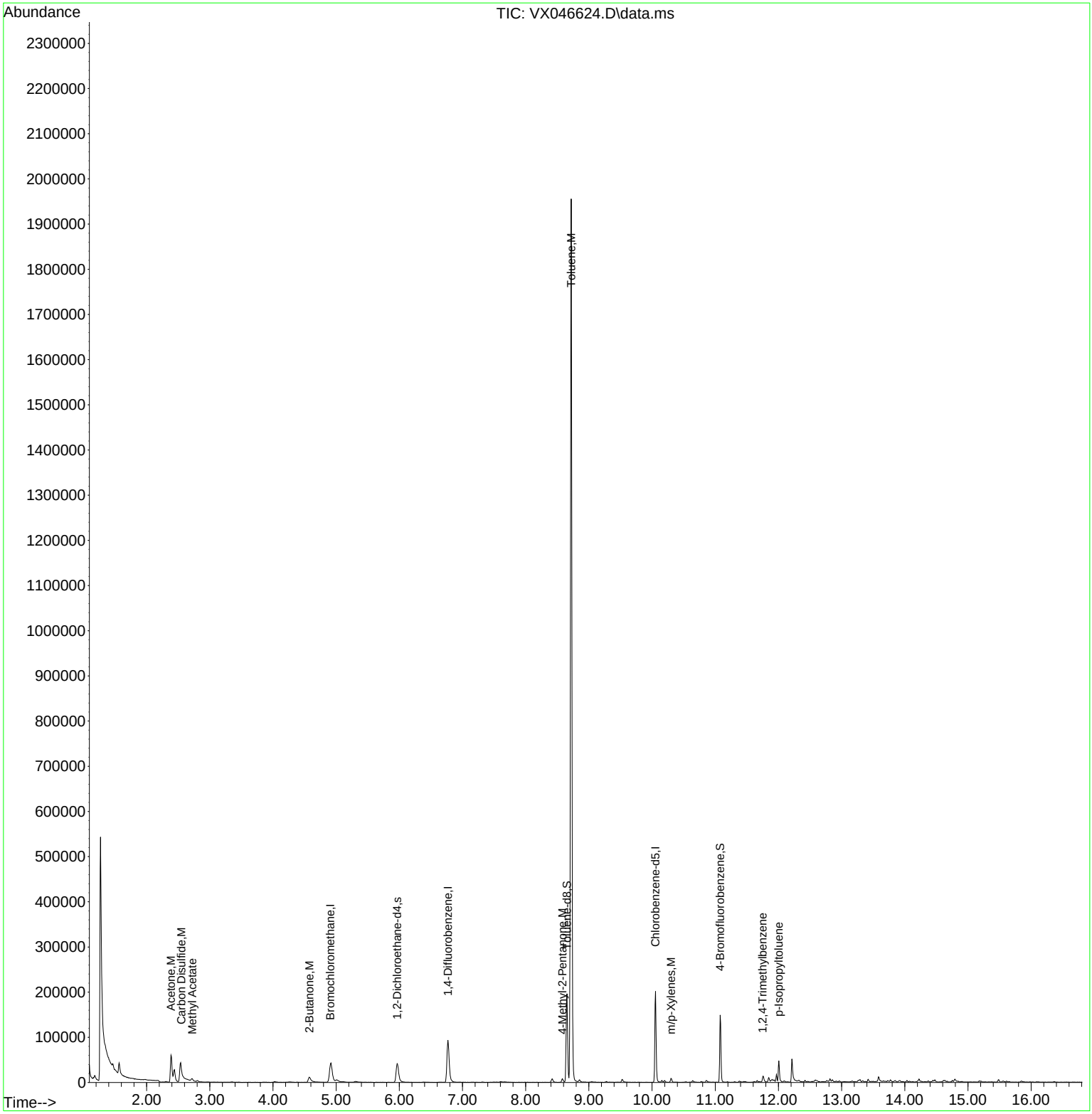
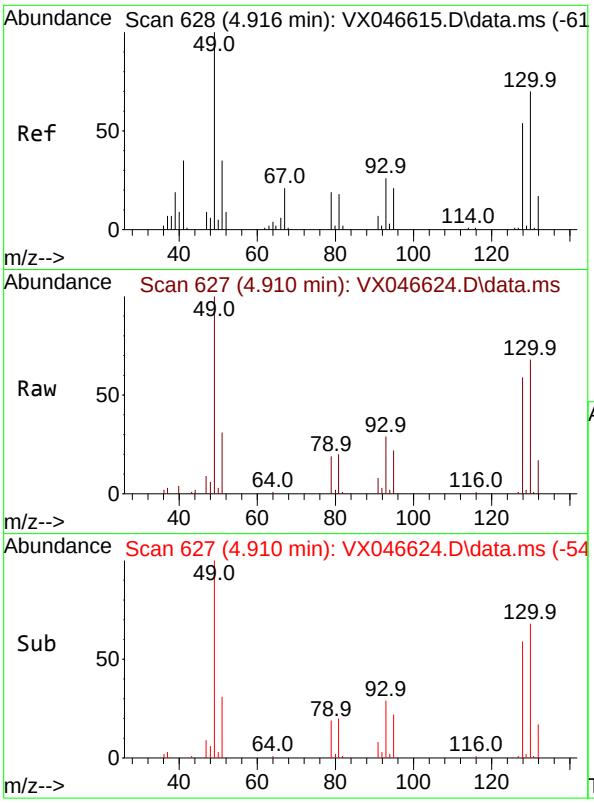
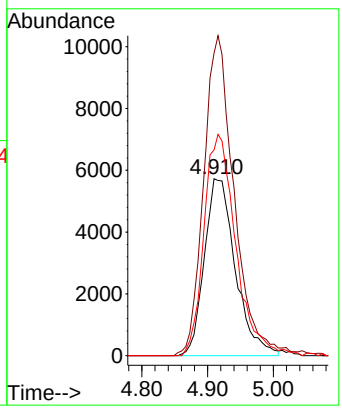




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion:128 Resp: 1879

Ion	Ratio	Lower	Upper
128	100		
49	176.3	0.0	448.3
130	127.3	0.0	312.0



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

Manual Integrations
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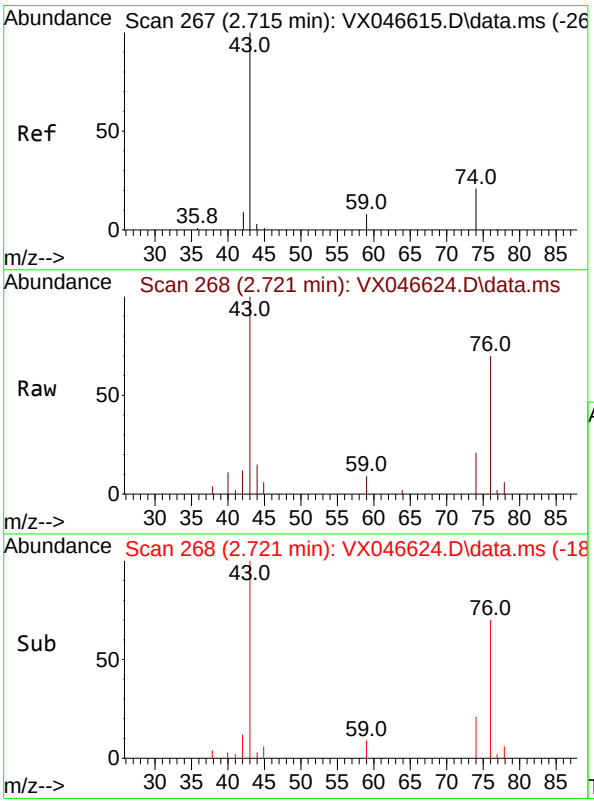
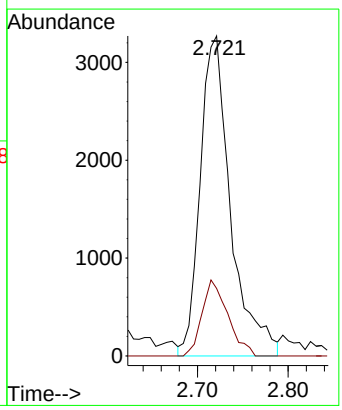
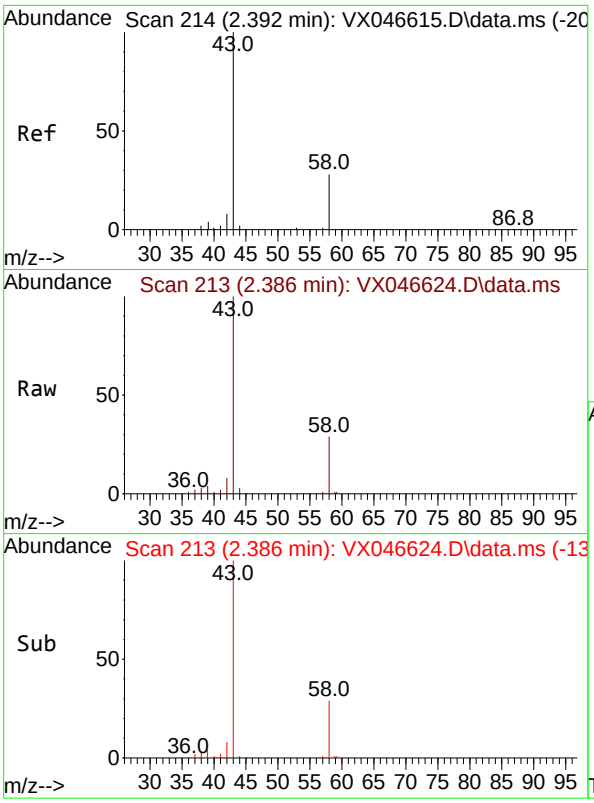


#12
Methyl Acetate
Concen: 5.384 ug/l m
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 43 Resp: 7613

Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.2	25.8

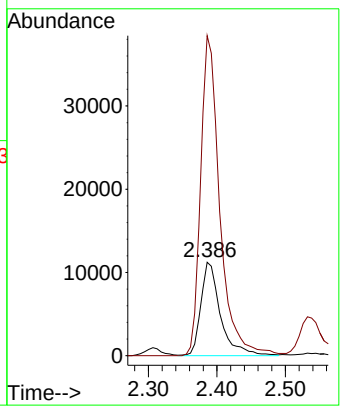




#15
Acetone
Concen: 168.973 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 58 Resp: 2245

Ion	Ratio	Lower	Upper
58	100		
43	344.0	290.6	435.8



Instrument :
MSVOA_X
ClientSampleId :
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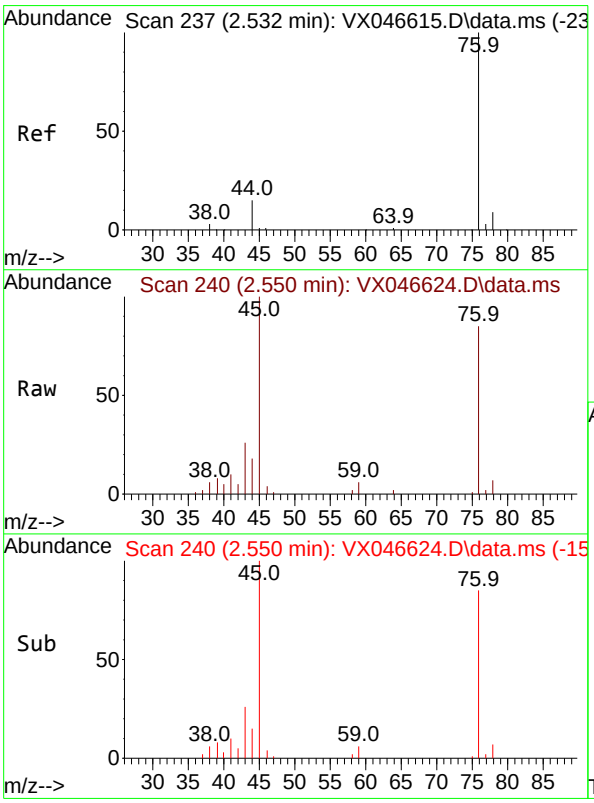
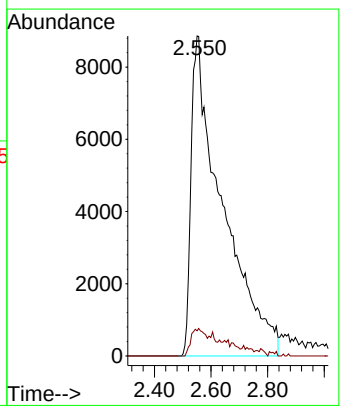
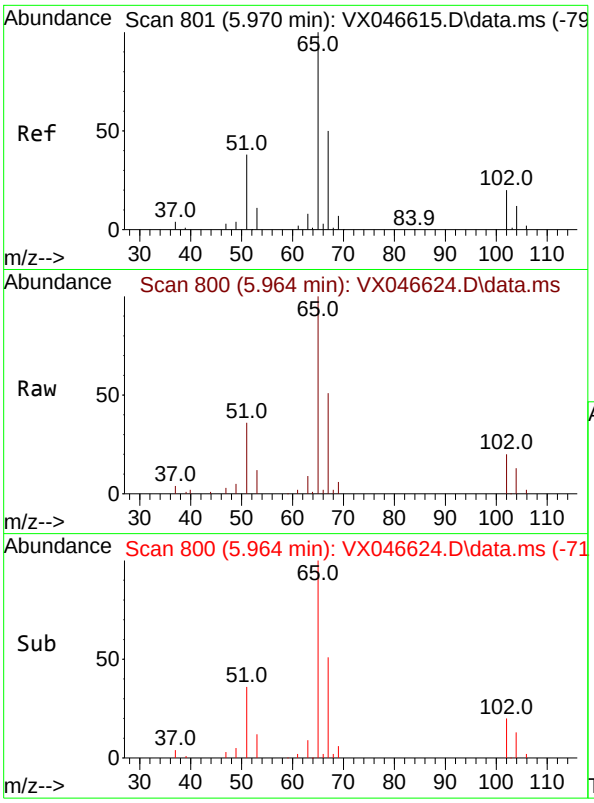


#16
Carbon Disulfide
Concen: 21.781 ug/l m
RT: 2.550 min Scan# 240
Delta R.T. 0.018 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 76 Resp: 67793

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.4	11.0

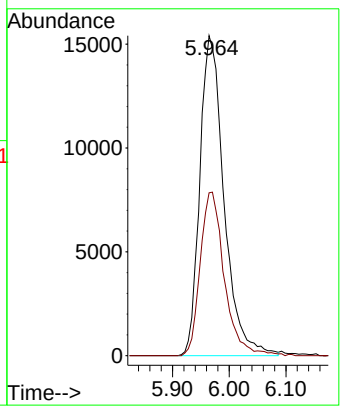




#27
1,2-Dichloroethane-d4
Concen: 30.046 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 65 Resp: 4570

Ion	Ratio	Lower	Upper
65	100		
67	49.9	41.4	62.2



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

Manual Integrations
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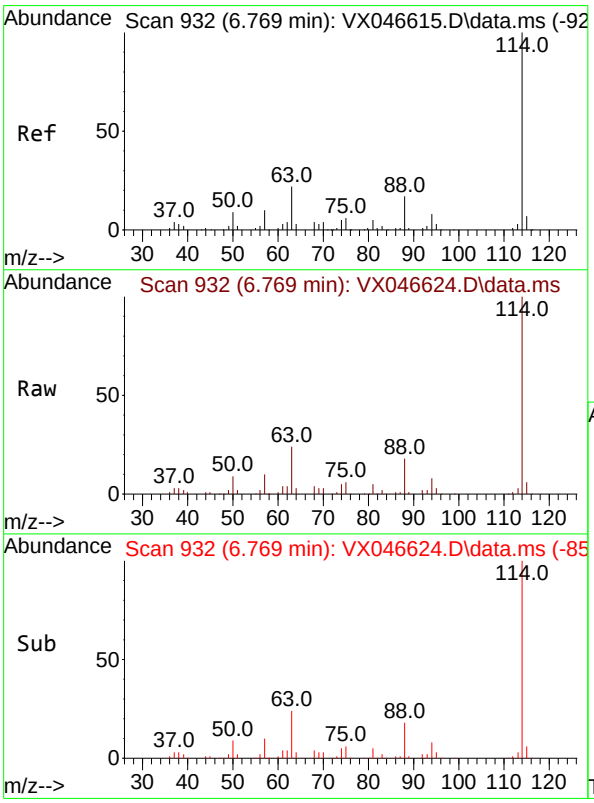
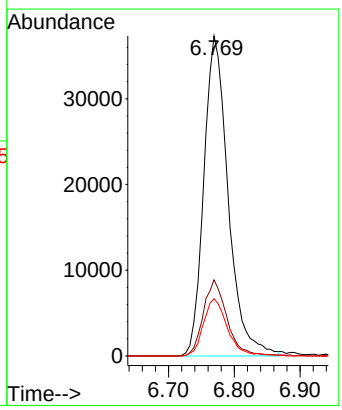
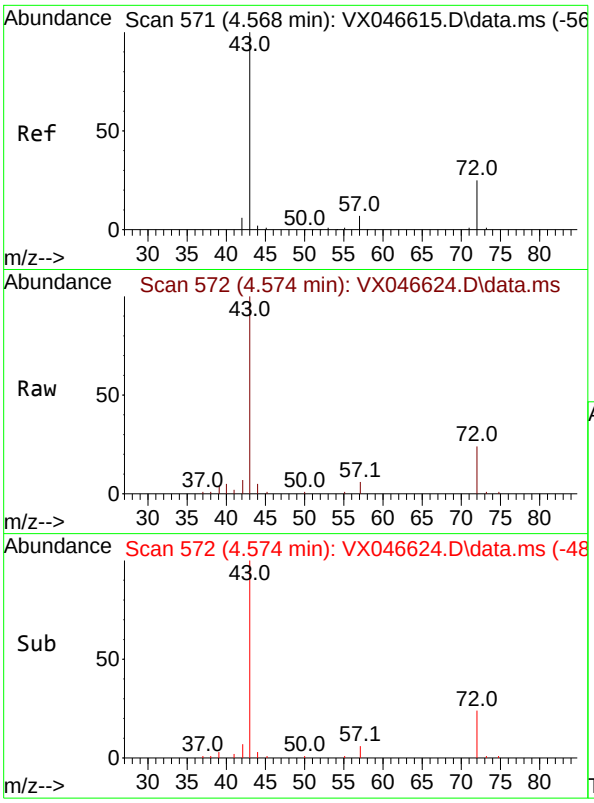


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion:114 Resp: 96292

Ion	Ratio	Lower	Upper
114	100		
63	23.0	18.1	27.1
88	17.2	14.1	21.1





#30
2-Butanone
Concen: 33.866 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 43 Resp: 2286

Ion	Ratio	Lower	Upper
43	100		
57	2.9	5.8	8.6
72	24.4	19.4	29.2

Instrument :
MSVOA_X
ClientSampleId :
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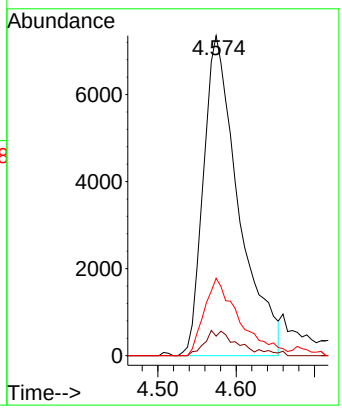
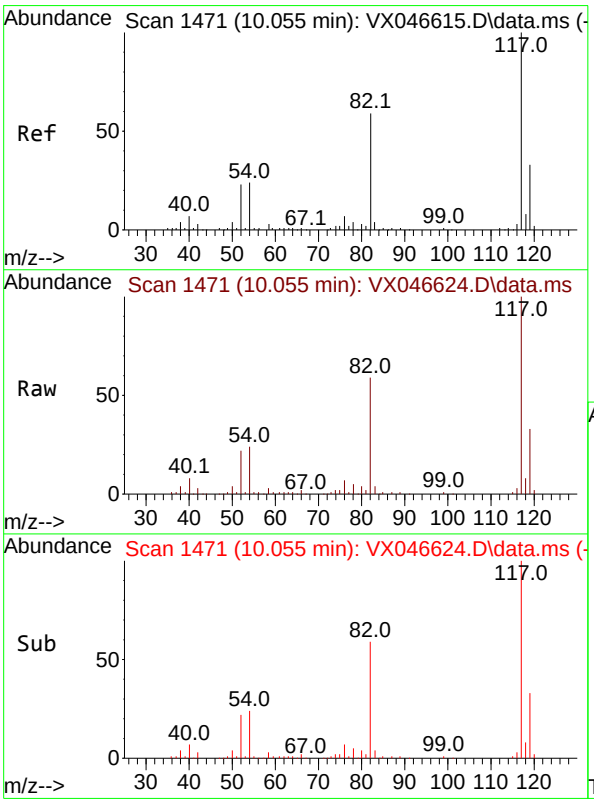
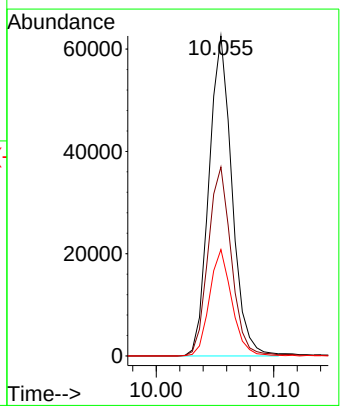


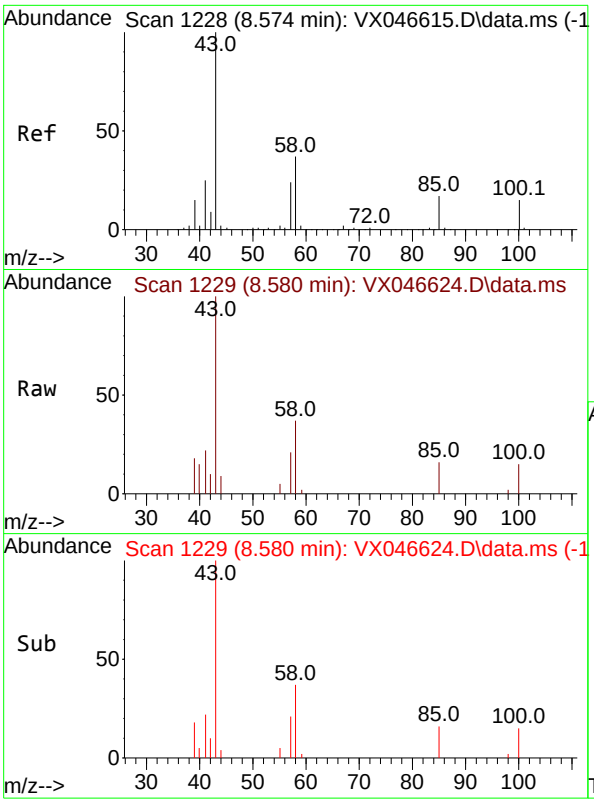


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion:117 Resp: 85225

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.5	69.7
119	32.3	25.8	38.6

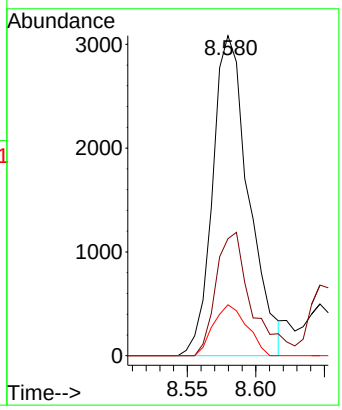




#58
4-Methyl-2-Pentanone
Concen: 4.080 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 43 Resp: 565

Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.4	44.2
85	14.8	13.3	19.9



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

Manual Integrations
APPROVED

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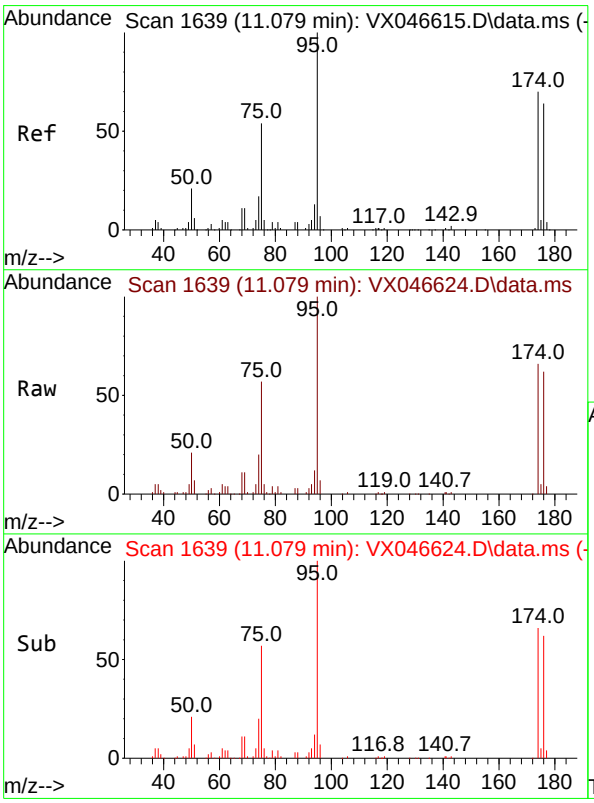
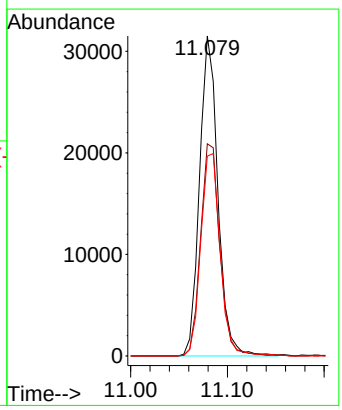
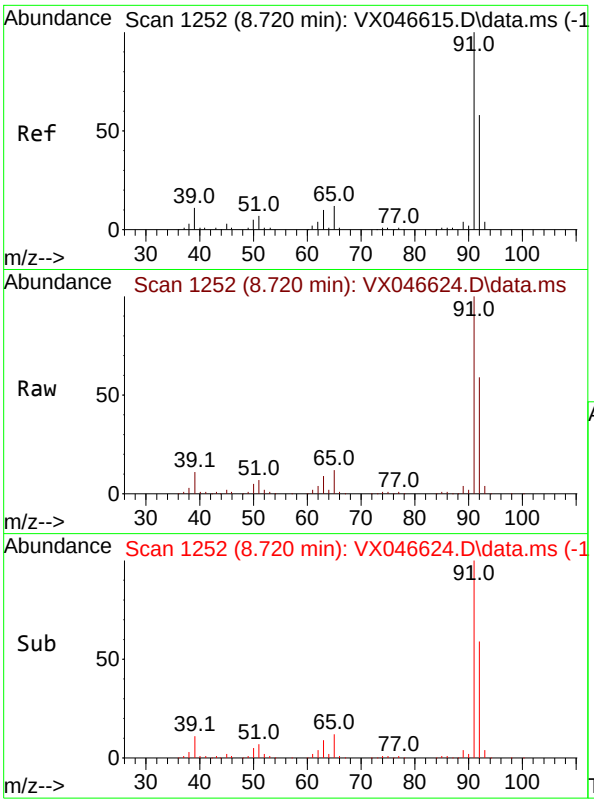


#60
4-Bromofluorobenzene
Concen: 29.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 95 Resp: 41689

Ion	Ratio	Lower	Upper
95	100		
174	69.4	56.0	84.0
176	66.9	52.2	78.4





#62
Toluene
Concen: 264.301 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 91 Resp: 122072

Ion	Ratio	Lower	Upper
91	100		
92	59.0	46.8	70.2

Instrument :
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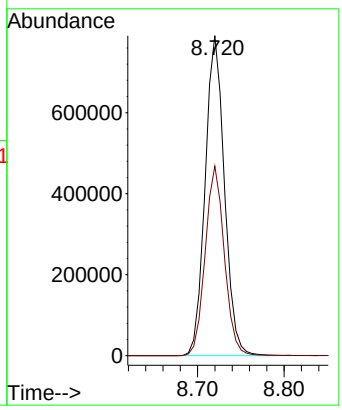
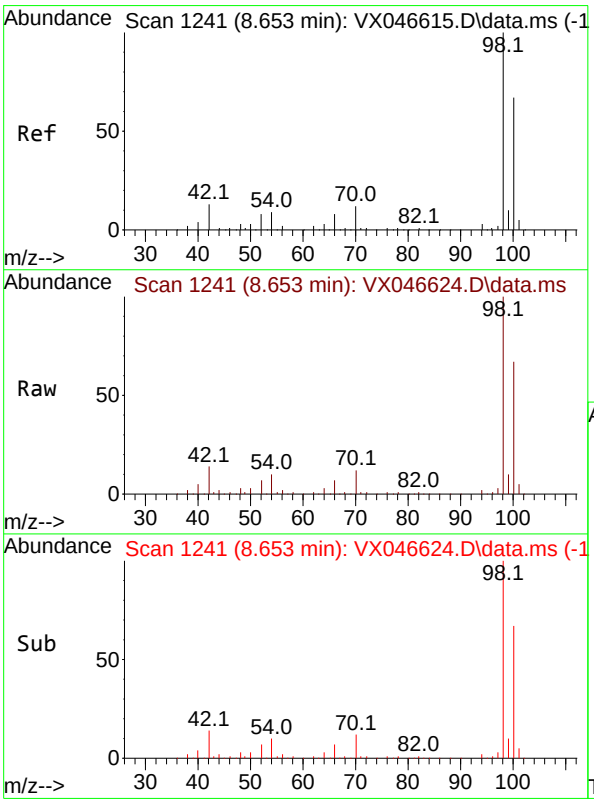
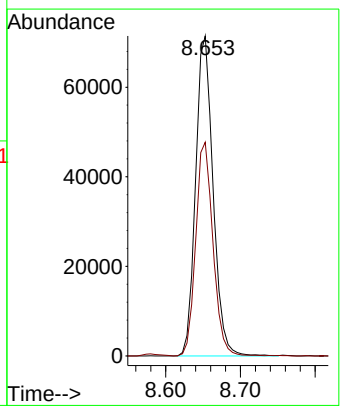


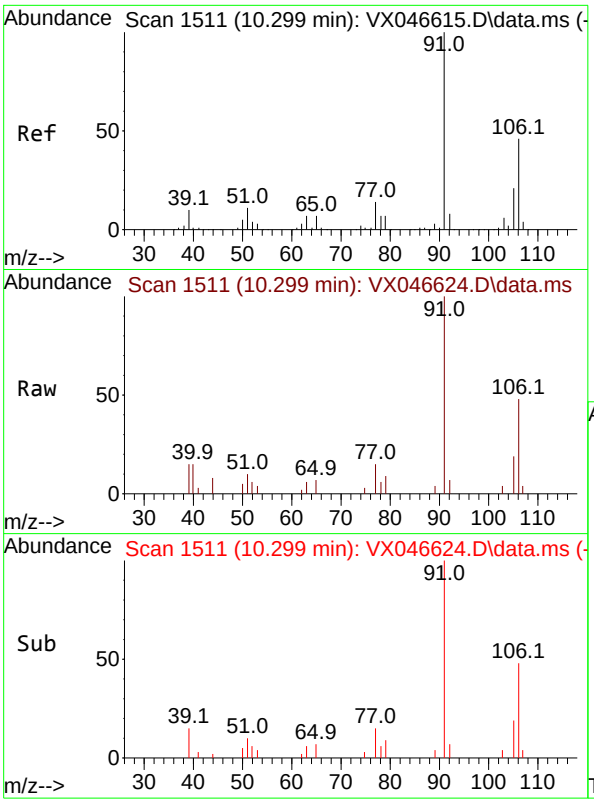


#63
Toluene-d8
Concen: 30.437 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion: 98 Resp: 115867

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





#67
m/p-Xylenes
Concen: 1.111 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion:106 Resp: 216

Ion	Ratio	Lower	Upper
106	100		
91	236.3	171.5	257.3

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

Manual Integrations
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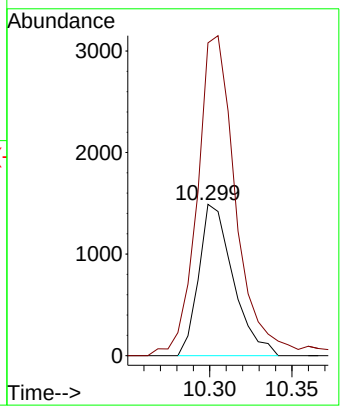
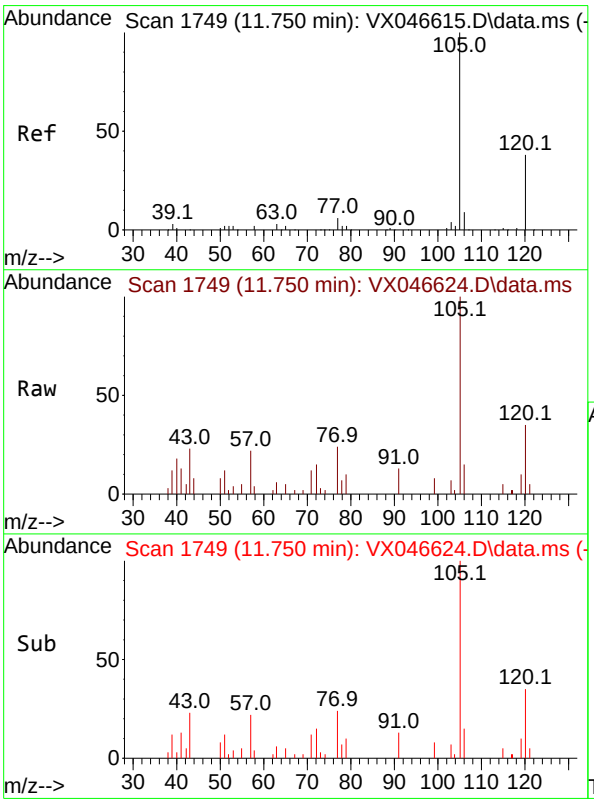
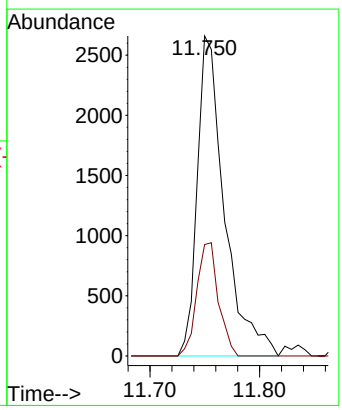


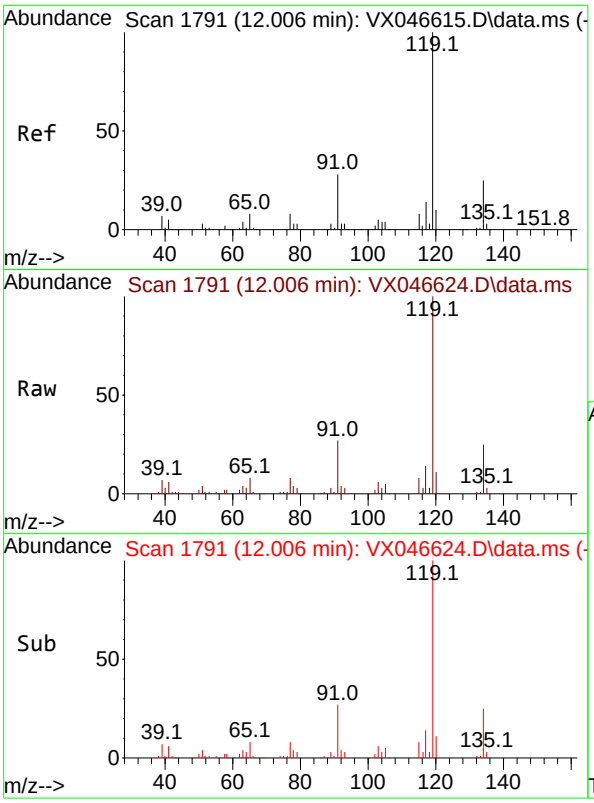


#80
1,2,4-Trimethylbenzene
Concen: 1.106 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion:105 Resp: 4576

Ion	Ratio	Lower	Upper
105	100		
120	28.2	0.0	89.6

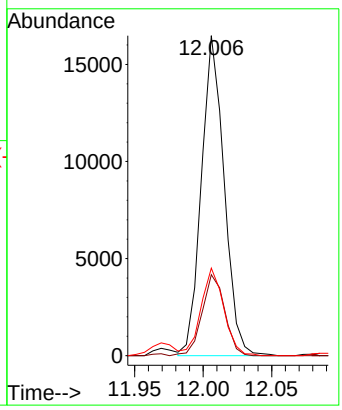




#82
p-Isopropyltoluene
Concen: 4.347 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046624.D
Acq: 11 Jun 2025 00:33

Tgt Ion:119 Resp: 1906

Ion	Ratio	Lower	Upper
119	100		
134	25.0	0.0	50.0
91	27.5	0.0	54.0



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

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Raw Data: **VX046632.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:	06/03/25
Project:	Transfer Station-SPDES	Date Received:	06/04/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)DL	SDG No.:	Q2203
Lab Sample ID:	Q2203-01DL	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
VX046632.D	5		06/11/25 12:57	VX061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	2.30	UD	2.30	25.0	ug/L
108-88-3	Toluene	280	D	2.30	25.0	ug/L
100-41-4	Ethyl Benzene	2.80	UD	2.80	25.0	ug/L
179601-23-1	m/p-Xylenes	6.50	UD	6.50	50.0	ug/L
95-47-6	o-Xylene	3.40	UD	3.40	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.3		91 - 110	108%	SPK: 30
2037-26-5	Toluene-d8	29.6		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.0		63 - 112	100%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	17500	4.91			
540-36-3	1,4-Difluorobenzene	97000	6.769			
3114-55-4	Chlorobenzene-d5	88200	10.055			

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: **VX046632.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046632.D
Acq On : 11 Jun 2025 12:57
Operator : JC/MD
Sample : Q2203-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Jun 11 13:14:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.910	128	17527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	97029	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88227	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	45847	32.315	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.700%			
60) 4-Bromofluorobenzene	11.079	95	44578	29.977	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.933%			
63) Toluene-d8	8.653	98	116584	29.583	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.600%			
Target Compounds						Qvalue
15) Acetone	2.392	58	4997	40.320	ug/l	74
16) Carbon Disulfide	2.538	76	10419m	3.589	ug/l	
30) 2-Butanone	4.587	43	3986	5.860	ug/l #	75
62) Toluene	8.720	91	264566	55.333	ug/l	100
67) m/p-Xylenes	10.305	106	539	0.267	ug/l	86
82) p-Isopropyltoluene	12.006	119	4014	0.884	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046632.D
Acq On : 11 Jun 2025 12:57
Operator : JC/MD
Sample : Q2203-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 13:14:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

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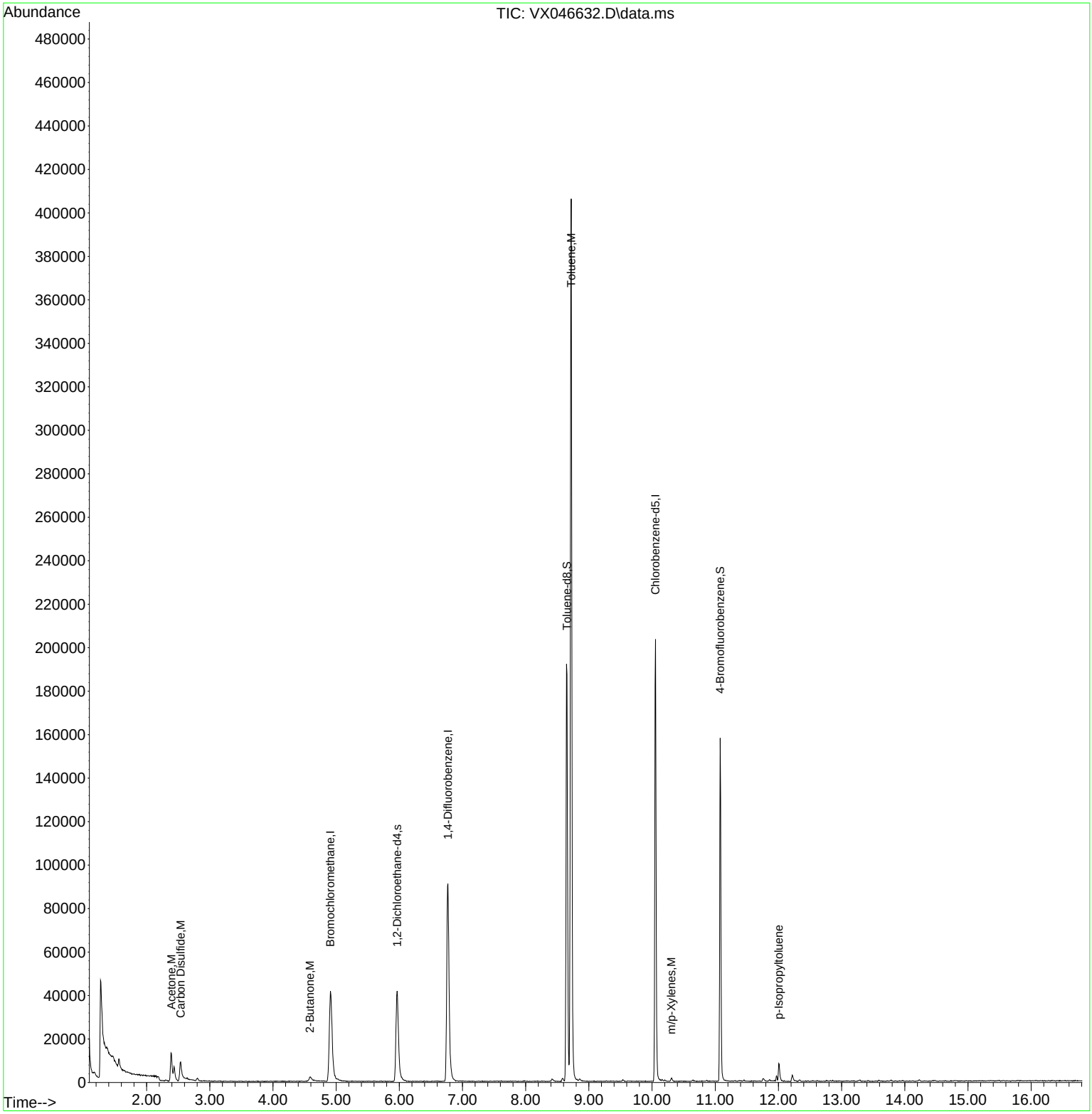
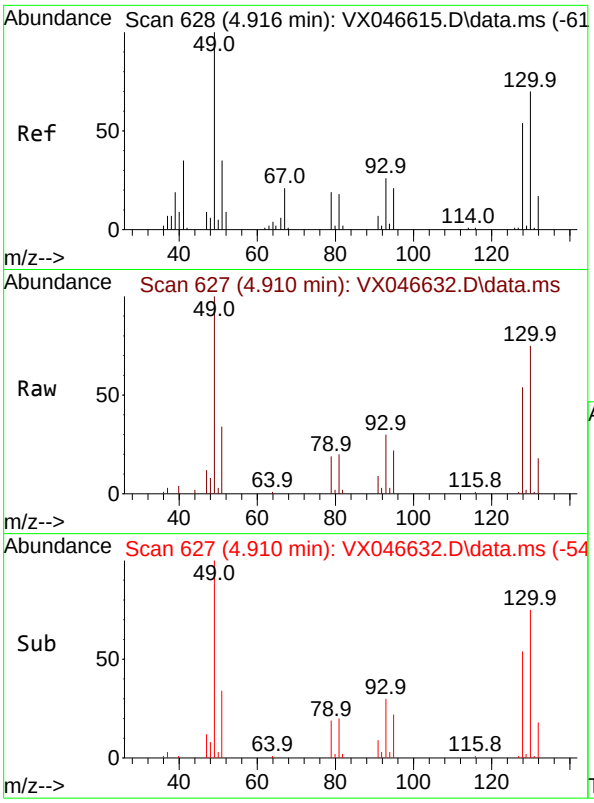
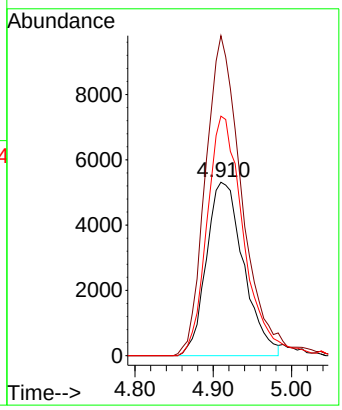




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion:128 Resp: 1752

Ion	Ratio	Lower	Upper
128	100		
49	179.7	0.0	448.3
130	136.7	0.0	312.0



Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

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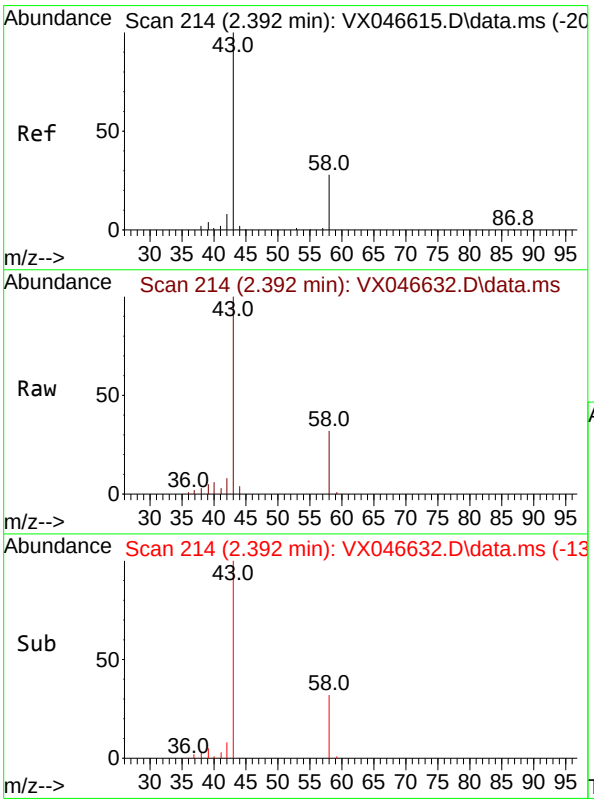
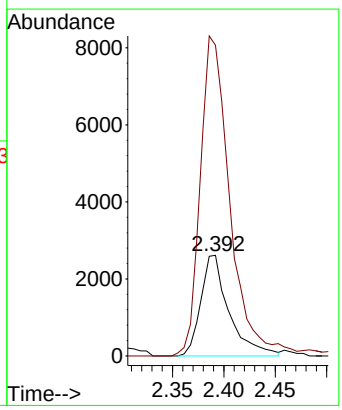
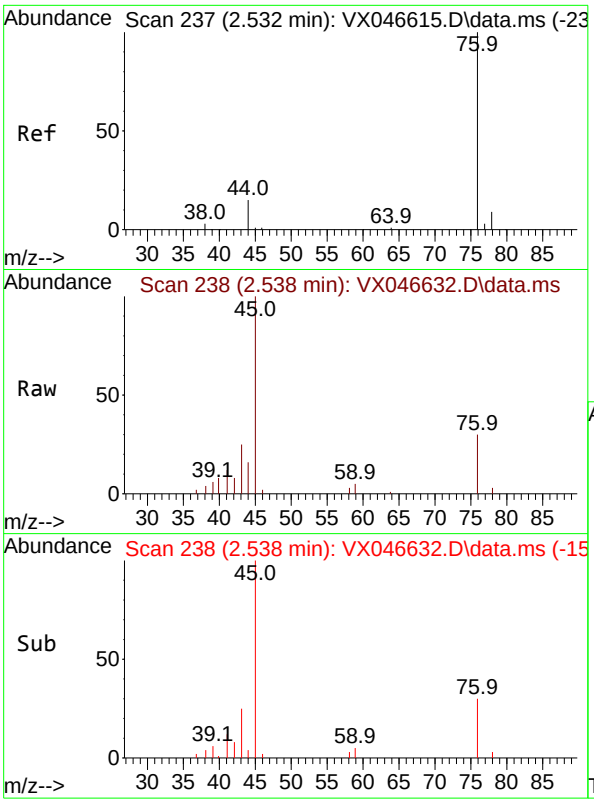


#15
Acetone
Concen: 40.320 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 58 Resp: 4997

Ion	Ratio	Lower	Upper
58	100		
43	305.8	290.6	435.8





#16
Carbon Disulfide
Concen: 3.589 ug/l m
RT: 2.538 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 76 Resp: 1041

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

Instrument :
MSVOA_X
ClientSampleId :
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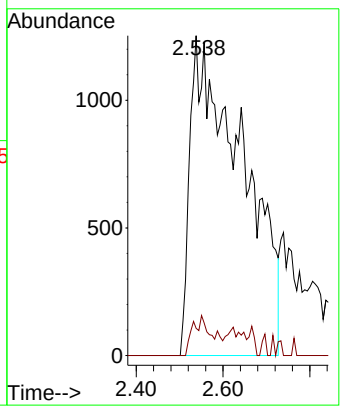
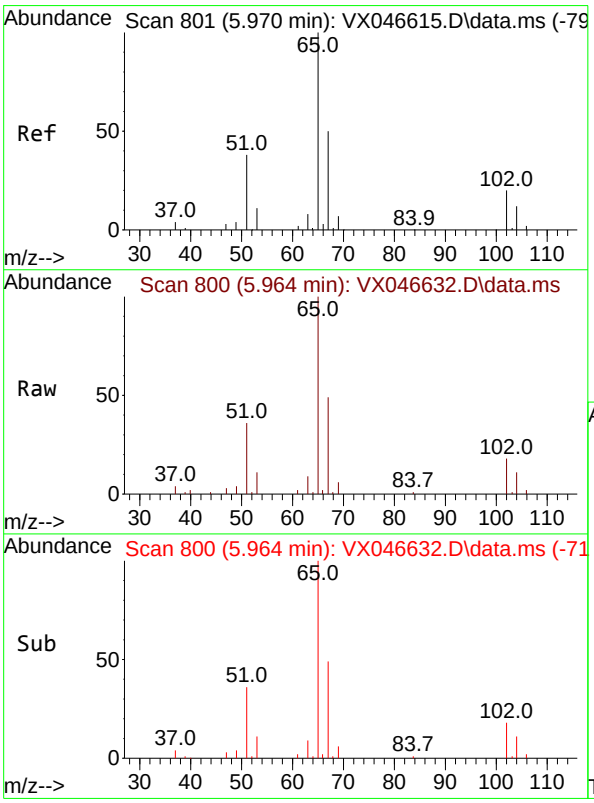
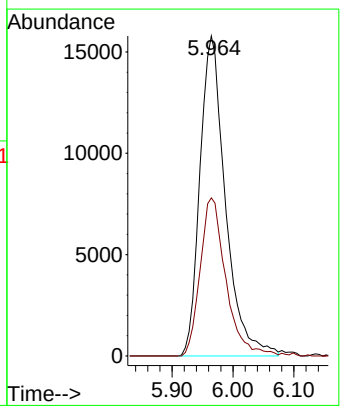


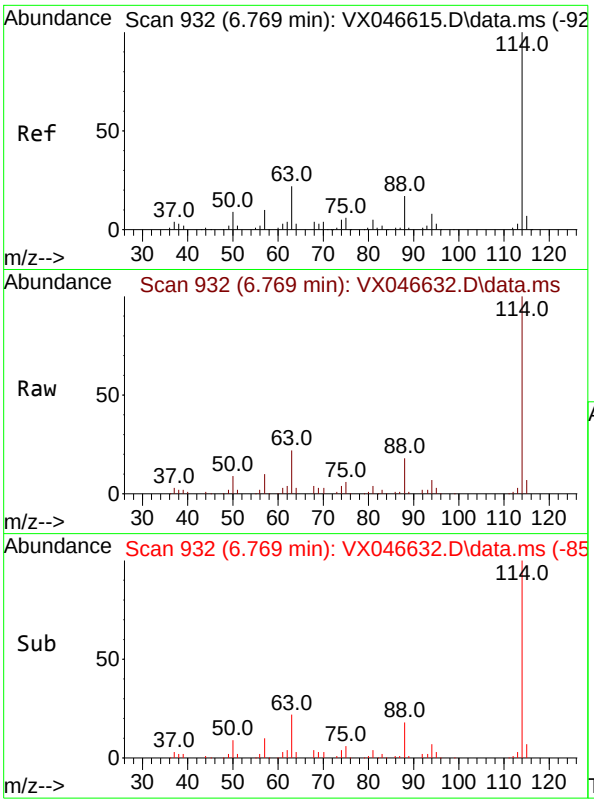


#27
1,2-Dichloroethane-d4
Concen: 32.315 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 65 Resp: 45847

Ion	Ratio	Lower	Upper
65	100		
67	48.5	41.4	62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion:114 Resp: 9702

Ion	Ratio	Lower	Upper
114	100		
63	22.6	18.1	27.1
88	17.2	14.1	21.1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

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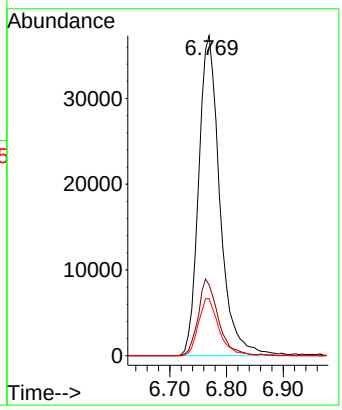
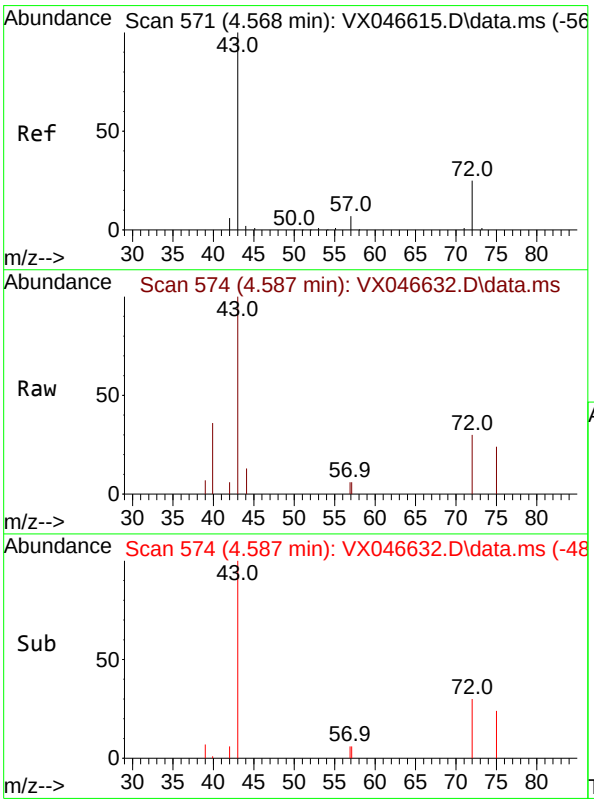
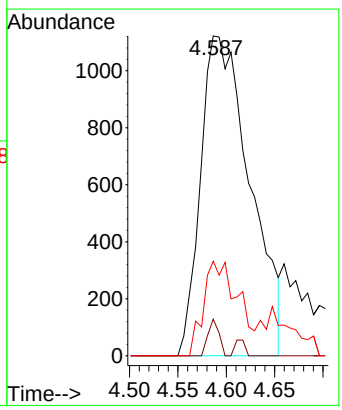


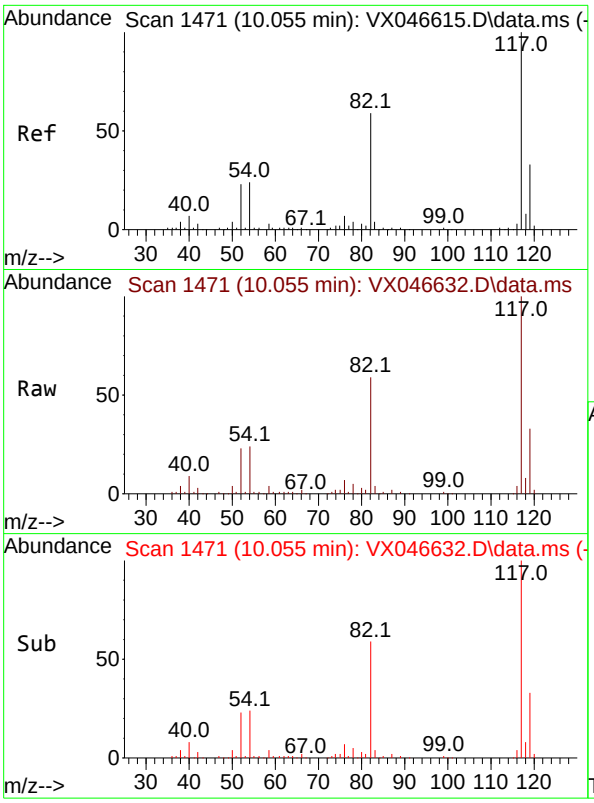


#30
2-Butanone
Concen: 5.860 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 43 Resp: 3986

Ion	Ratio	Lower	Upper
43	100		
57	2.6	5.8	8.6#
72	10.3	19.4	29.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion:117 Resp: 8822

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.5	69.7
119	32.4	25.8	38.6

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

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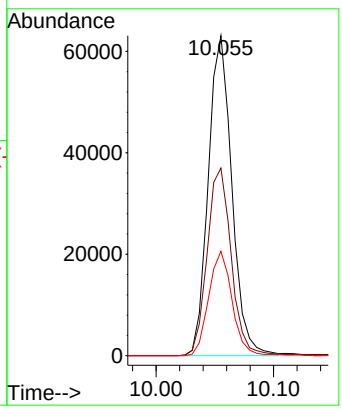
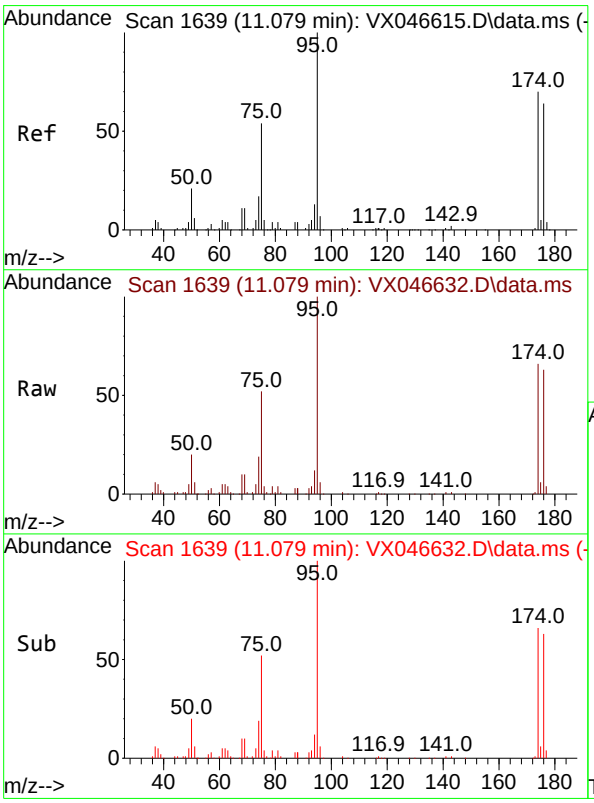
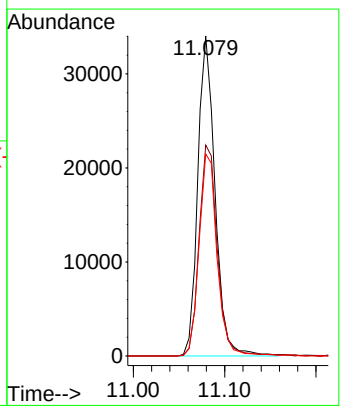


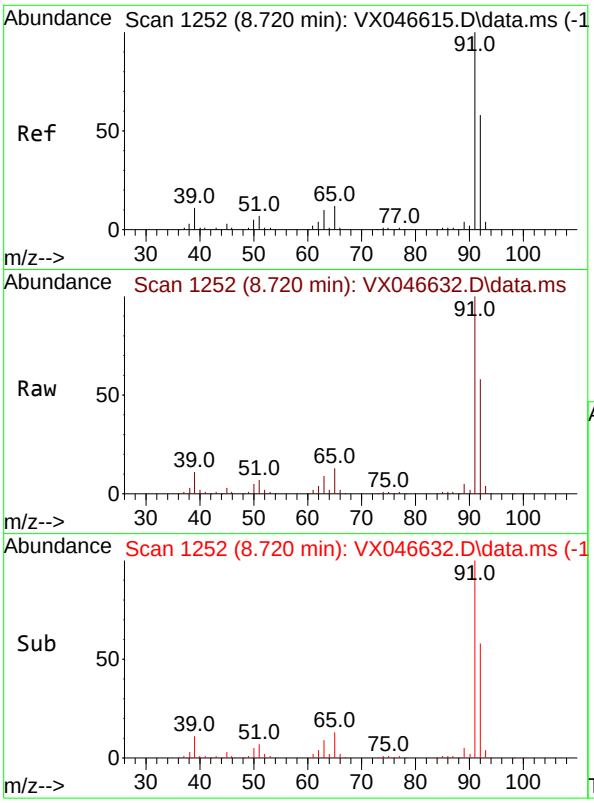


#60
4-Bromofluorobenzene
Concen: 29.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 95 Resp: 44578

Ion	Ratio	Lower	Upper
95	100		
174	69.4	56.0	84.0
176	65.3	52.2	78.4

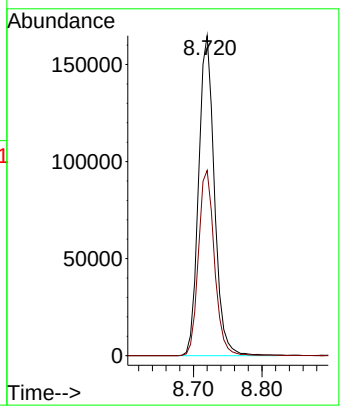




#62
Toluene
Concen: 55.333 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 91 Resp: 26456

Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.8	70.2



Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

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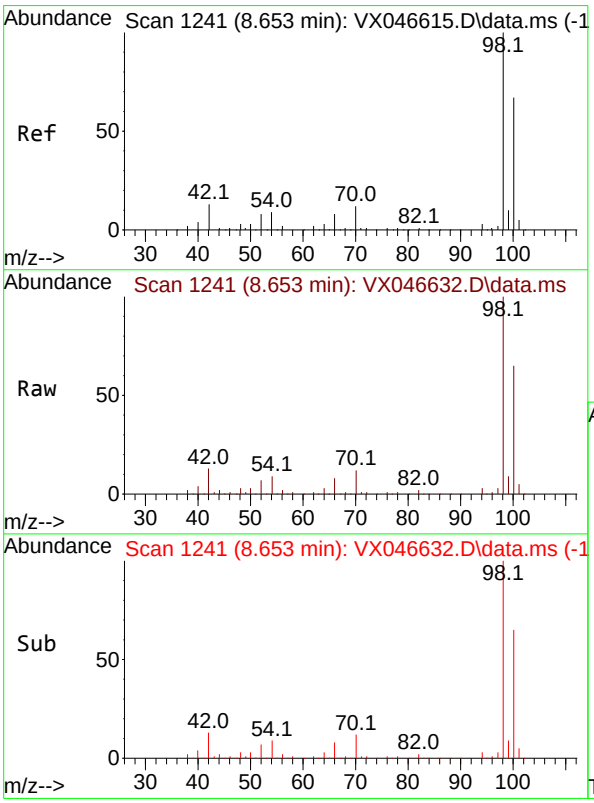
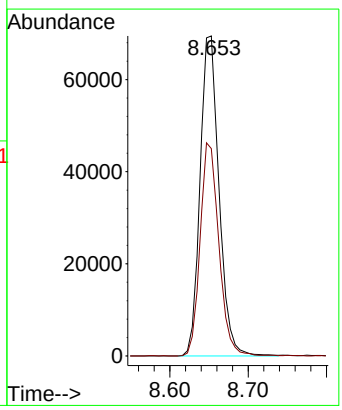
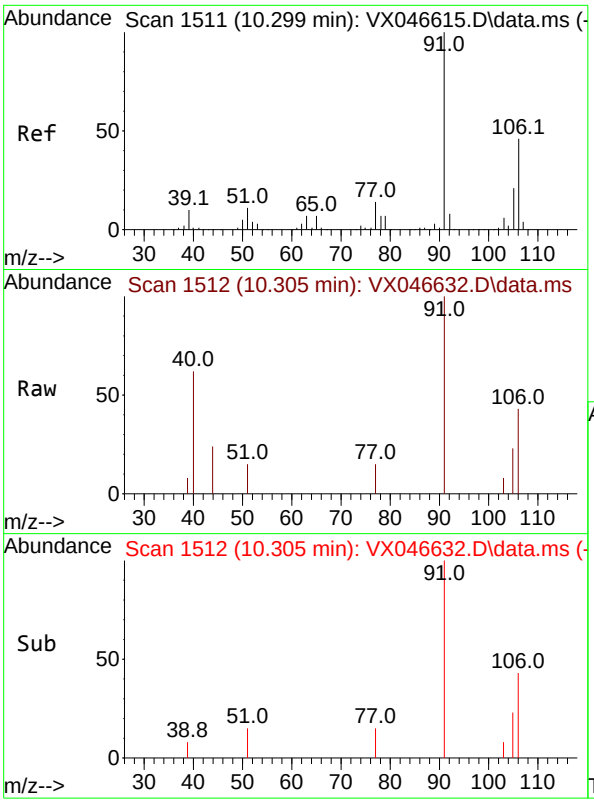


#63
Toluene-d8
Concen: 29.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion: 98 Resp: 116584

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0

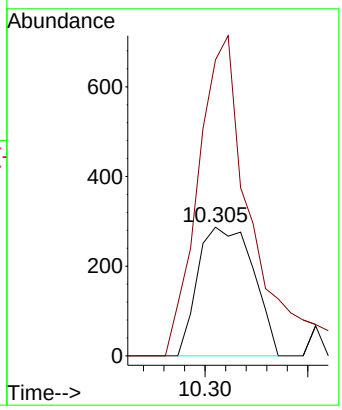




#67
m/p-Xylenes
Concen: 0.267 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion:106 Resp: 53

Ion	Ratio	Lower	Upper
106	100		
91	236.5	171.5	257.3



Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

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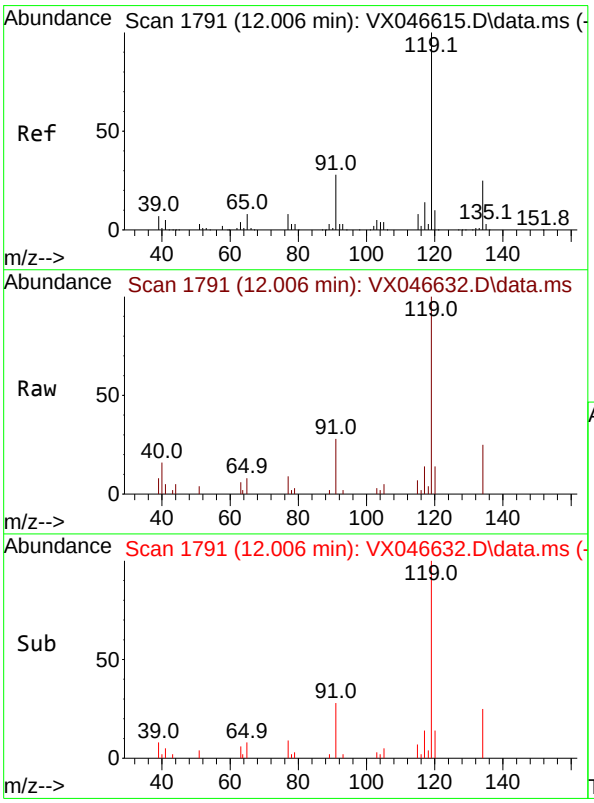
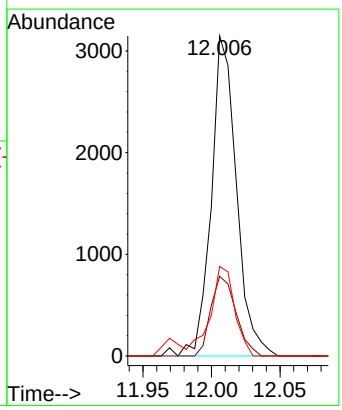


#82
p-Isopropyltoluene
Concen: 0.884 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046632.D
Acq: 11 Jun 2025 12:57

Tgt Ion:119 Resp: 4014

Ion	Ratio	Lower	Upper
119	100		
134	25.0	0.0	50.0
91	27.2	0.0	54.0



Raw Data: **VX046625.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:	06/03/25
Project:	Transfer Station-SPDES	Date Received:	06/04/25
Client Sample ID:	002-35TH-AVE(JUNE)	SDG No.:	Q2203
Lab Sample ID:	Q2203-04	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
VX046625.D	1		06/11/25 00:54	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	290	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.0		91 - 110	103%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.5		63 - 112	95%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	17500	4.916			
540-36-3	1,4-Difluorobenzene	92900	6.769			
3114-55-4	Chlorobenzene-d5	83700	10.055			

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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: **VX046625.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046625.D
Acq On : 11 Jun 2025 00:54
Operator : JC/MD
Sample : Q2203-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jun 11 06:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.916	128	17480	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	92940	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	83680	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.970	65	43798	30.953	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.167%				
60) 4-Bromofluorobenzene	11.079	95	40172	28.482	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.933%				
63) Toluene-d8	8.653	98	111982	29.960	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.867%				
Target Compounds							Qvalue
12) Methyl Acetate	2.715	43	6724	5.112	ug/l		100
15) Acetone	2.386	58	23040	186.407	ug/l		90
16) Carbon Disulfide	2.575	76	82046m	28.340	ug/l		
18) Methylene Chloride	2.806	84	1302	1.131	ug/l	#	76
30) 2-Butanone	4.574	43	24433	37.499	ug/l	#	91
58) 4-Methyl-2-Pentanone	8.580	43	5836	4.288	ug/l		97
62) Toluene	8.720	91	1293292	285.183	ug/l		100
66) Ethyl Benzene	10.195	91	2463m	0.476	ug/l		
67) m/p-Xylenes	10.299	106	2338	1.221	ug/l		93
68) o-Xylene	10.640	106	785	0.426	ug/l		75
76) 1,3,5-Trimethylbenzene	11.451	105	941	0.229	ug/l		95
80) 1,2,4-Trimethylbenzene	11.750	105	4241	1.044	ug/l		80
82) p-Isopropyltoluene	12.006	119	20174	4.684	ug/l		99
91) Naphthalene	13.780	128	2566	0.591	ug/l		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046625.D
Acq On : 11 Jun 2025 00:54
Operator : JC/MD
Sample : Q2203-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jun 11 06:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

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

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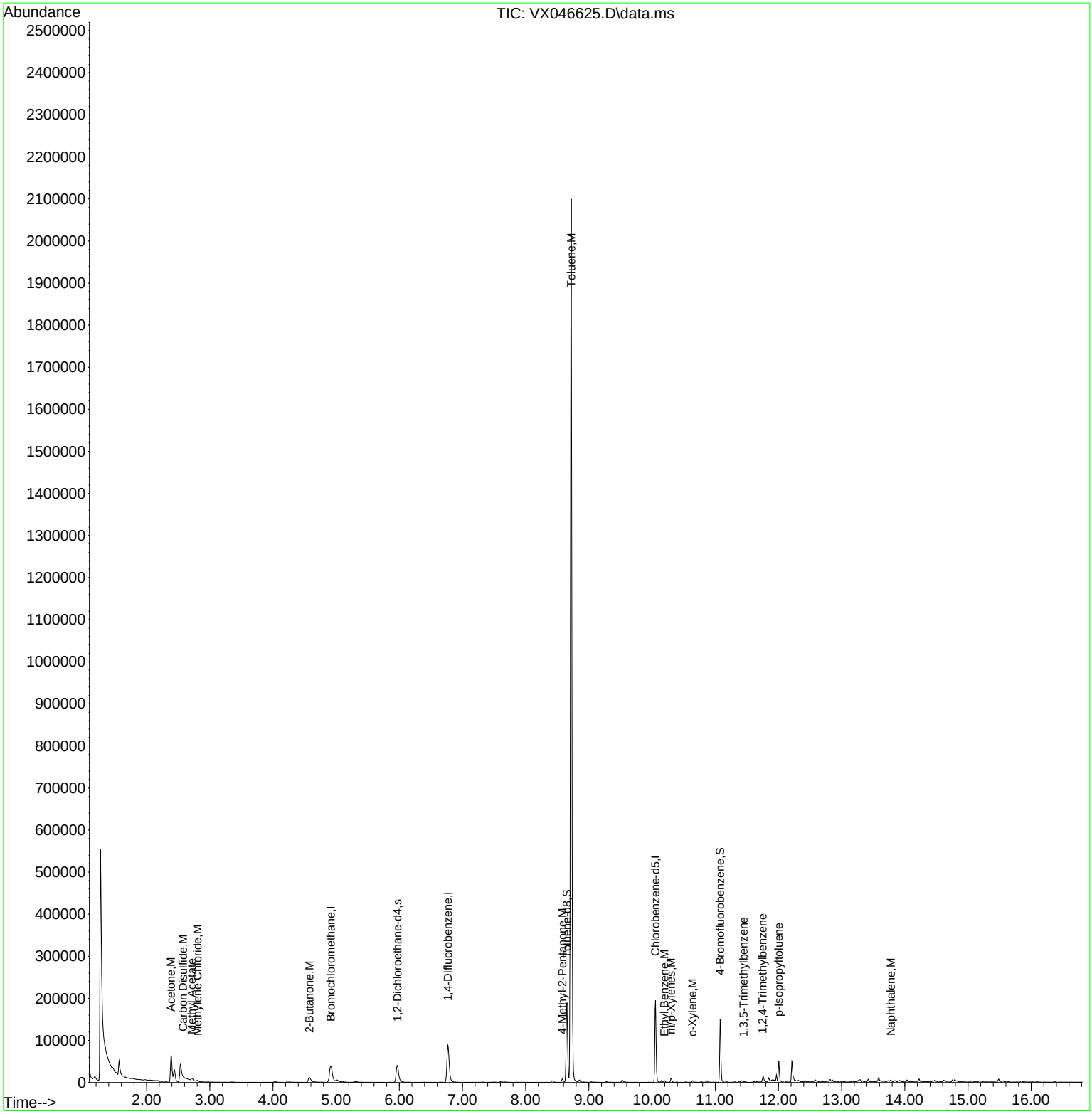
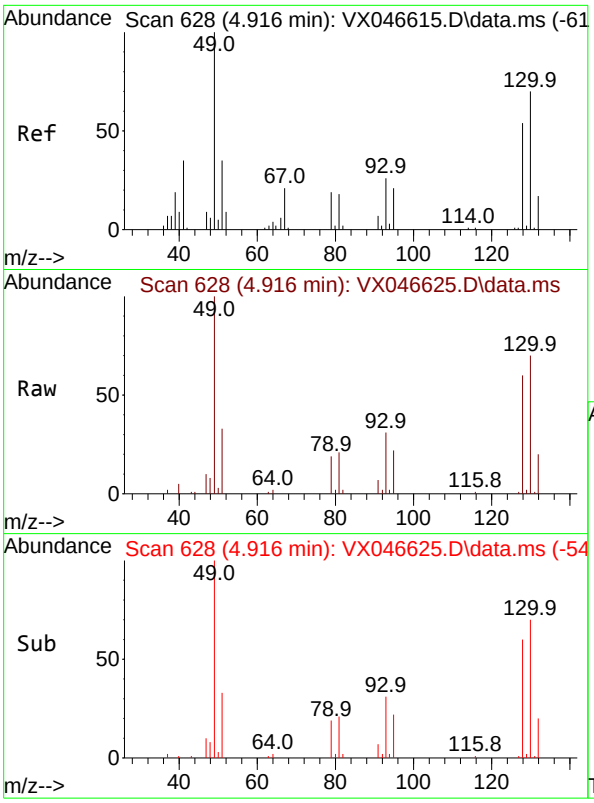
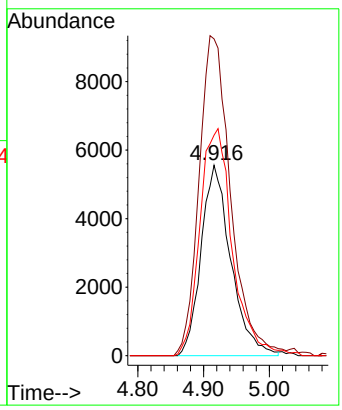




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:128 Resp: 1748

Ion	Ratio	Lower	Upper
128	100		
49	178.7	0.0	448.3
130	129.5	0.0	312.0



Instrument :
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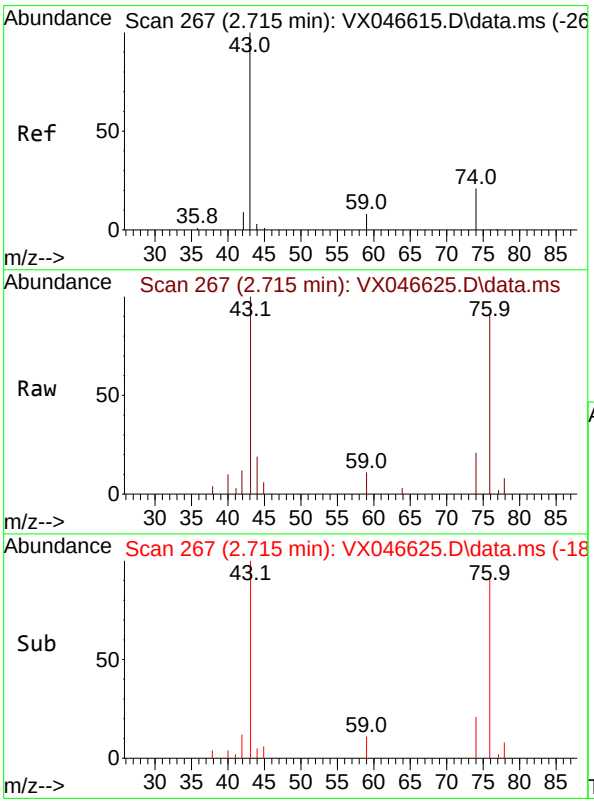
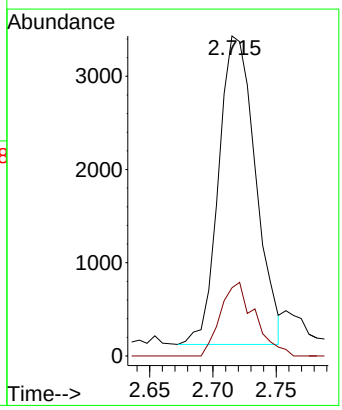
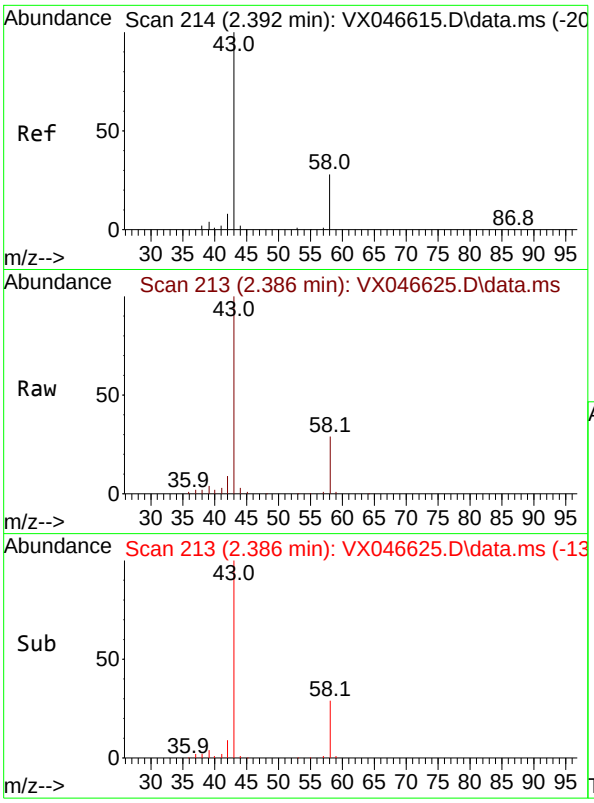


#12
Methyl Acetate
Concen: 5.112 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 43 Resp: 6724

Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.2	25.8

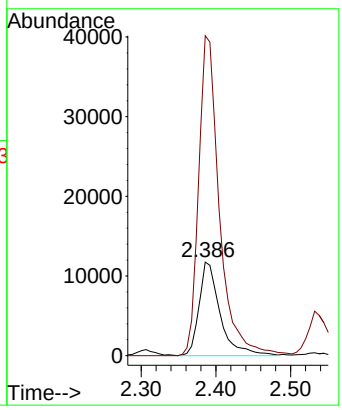




#15
Acetone
Concen: 186.407 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 58 Resp: 2304

Ion	Ratio	Lower	Upper
58	100		
43	341.7	290.6	435.8



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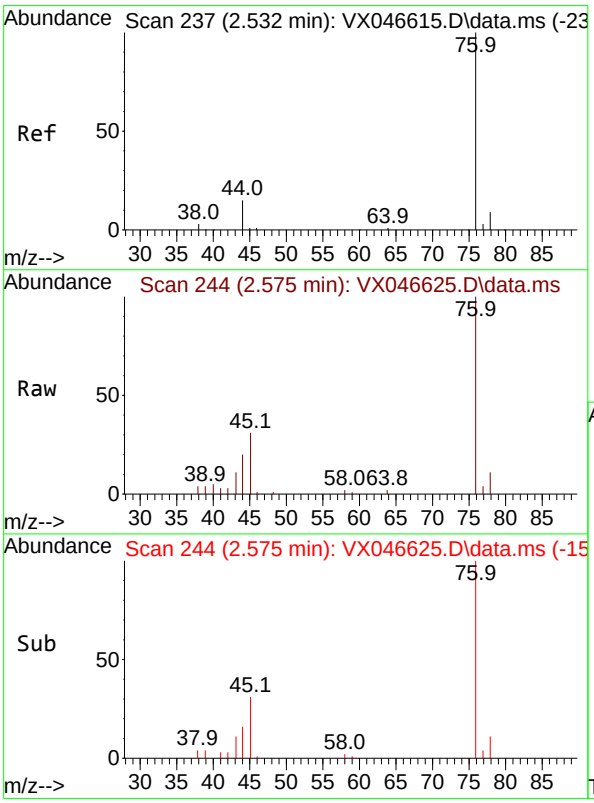
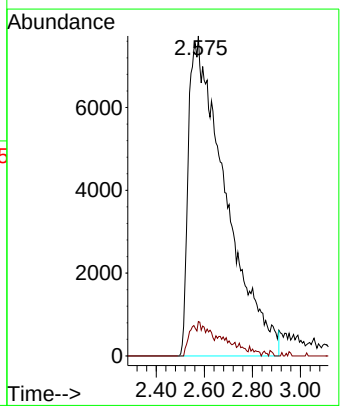
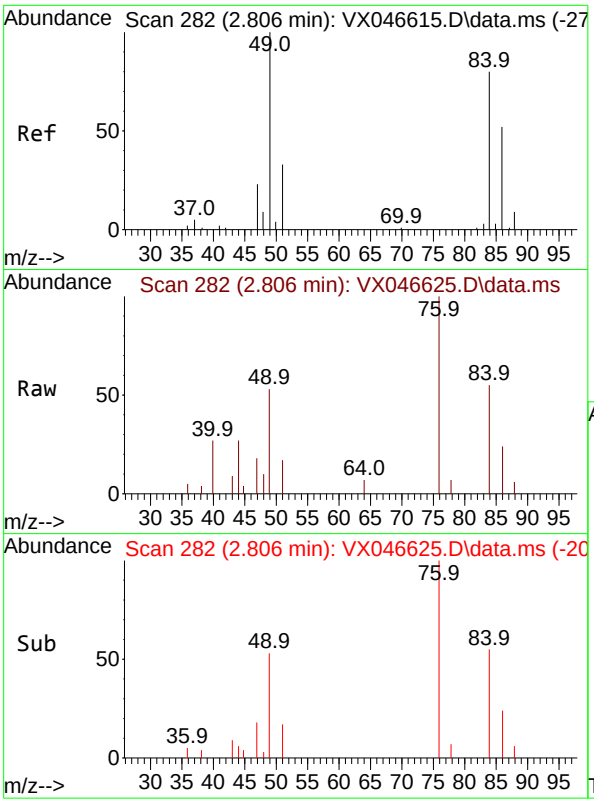


#16
Carbon Disulfide
Concen: 28.340 ug/l m
RT: 2.575 min Scan# 244
Delta R.T. 0.043 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 76 Resp: 82046

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.4	11.0

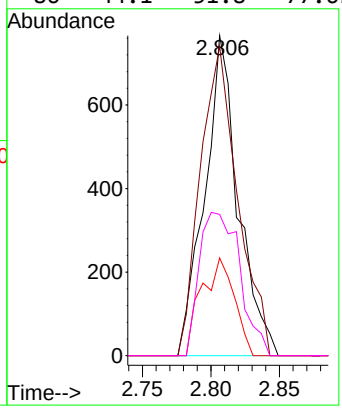




#18
Methylene Chloride
Concen: 1.131 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 84 Resp: 130

Ion	Ratio	Lower	Upper
84	100		
49	96.7	100.1	150.1#
51	30.5	33.0	49.4#
86	44.1	51.8	77.6#



Instrument :
MSVOA_X
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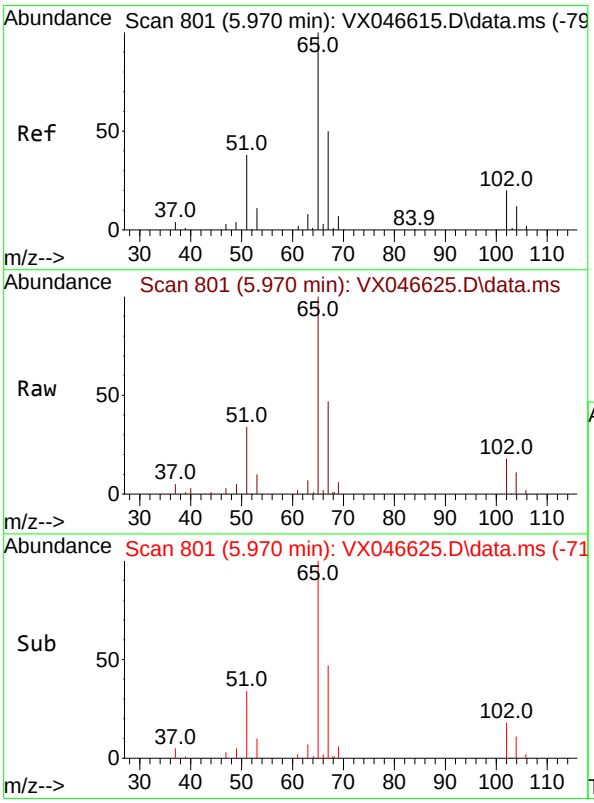
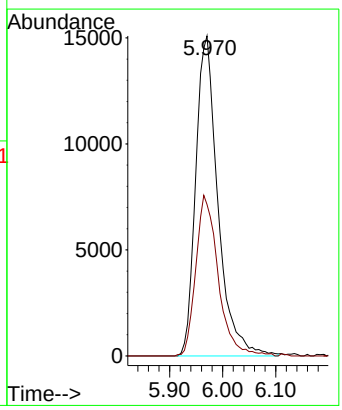
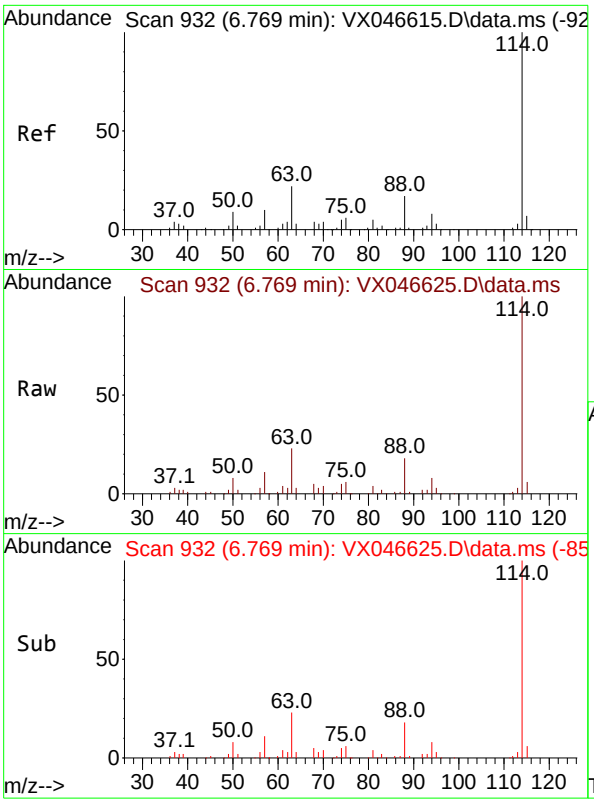


#27
1,2-Dichloroethane-d4
Concen: 30.953 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 65 Resp: 43798

Ion	Ratio	Lower	Upper
65	100		
67	50.4	41.4	62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:114 Resp: 9294

Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.1	27.1
88	17.0	14.1	21.1

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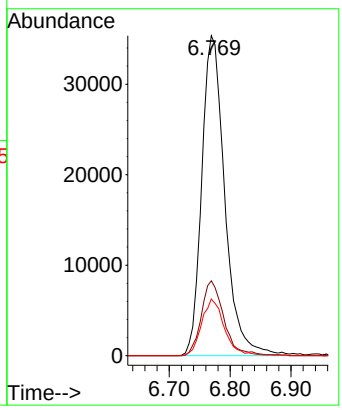
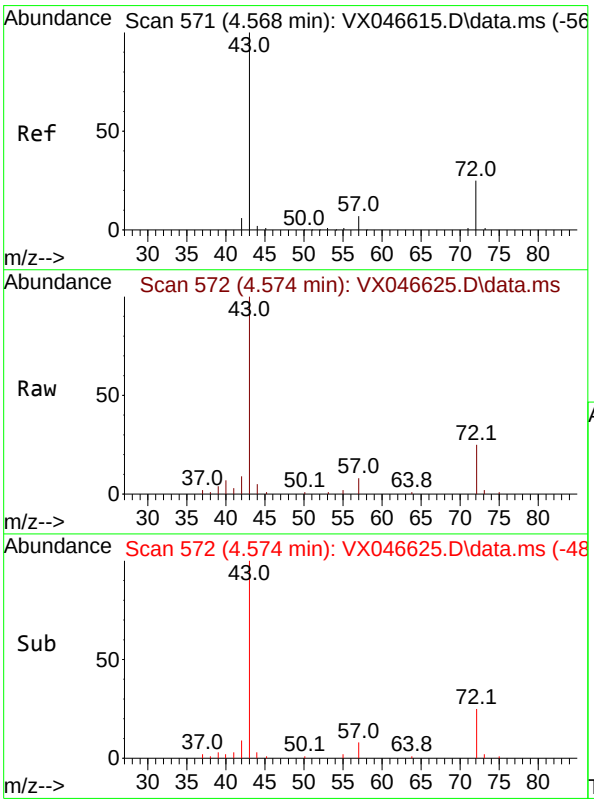
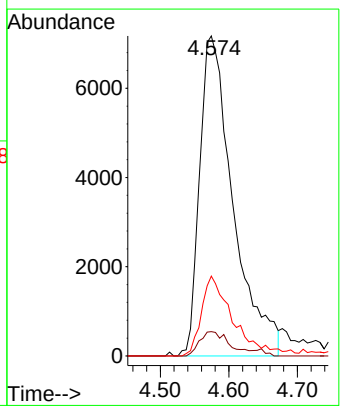


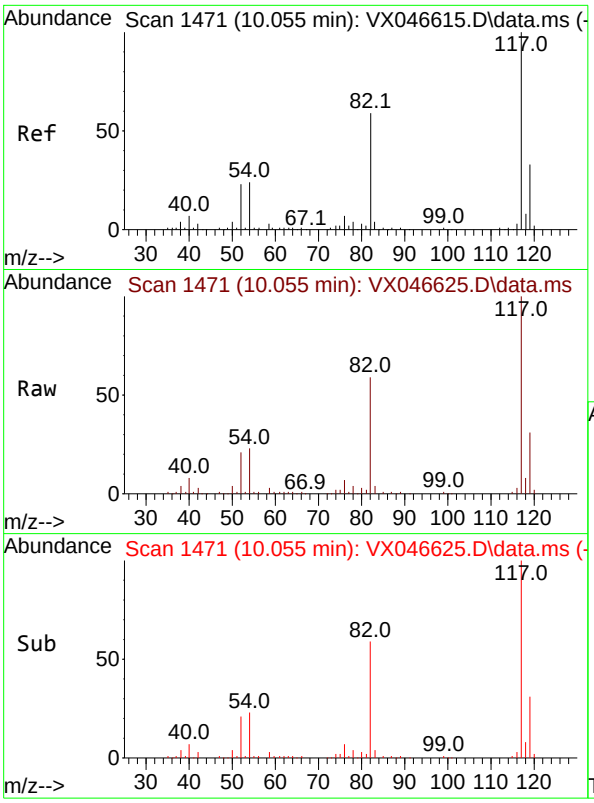


#30
2-Butanone
Concen: 37.499 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 43 Resp: 24433

Ion	Ratio	Lower	Upper
43	100		
57	6.3	5.8	8.6
72	18.8	19.4	29.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:117 Resp: 8368

Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.5	69.7
119	32.4	25.8	38.6

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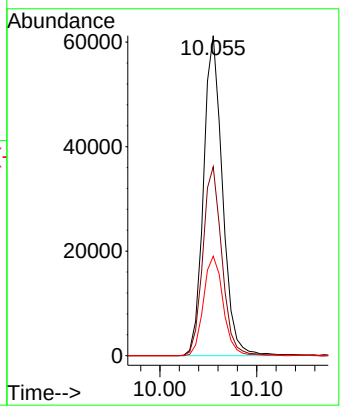
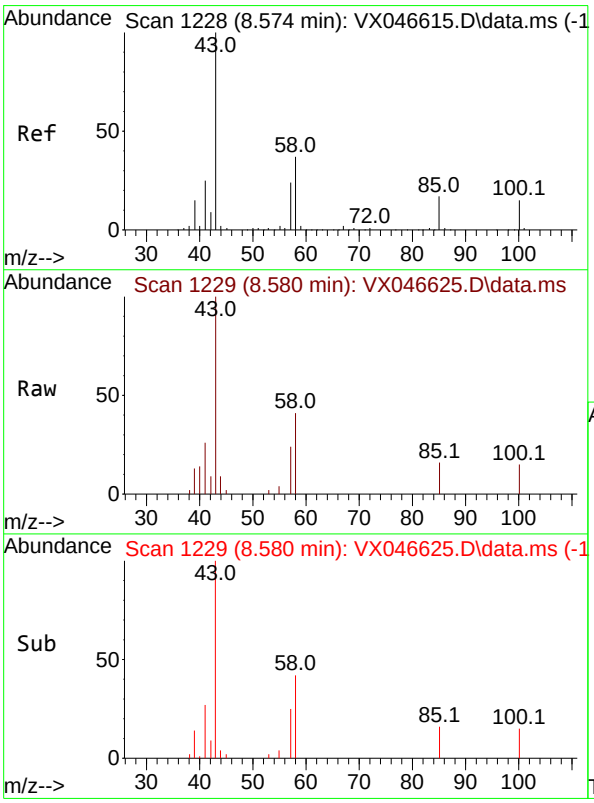
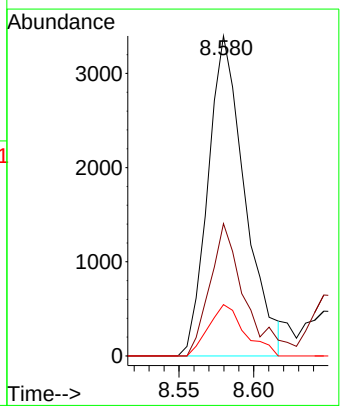


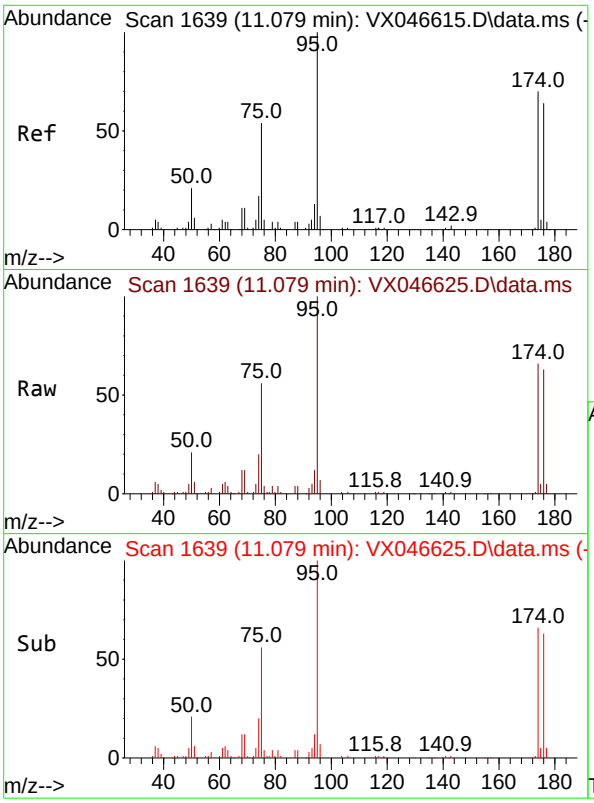


#58
4-Methyl-2-Pentanone
Concen: 4.288 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 43 Resp: 5836

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.4	44.2
85	15.7	13.3	19.9

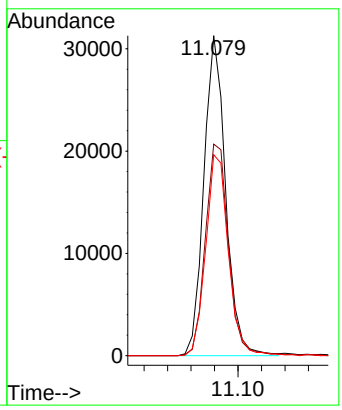




#60
4-Bromofluorobenzene
Concen: 28.482 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 95 Resp: 4017

Ion	Ratio	Lower	Upper
95	100		
174	70.1	56.0	84.0
176	65.7	52.2	78.4



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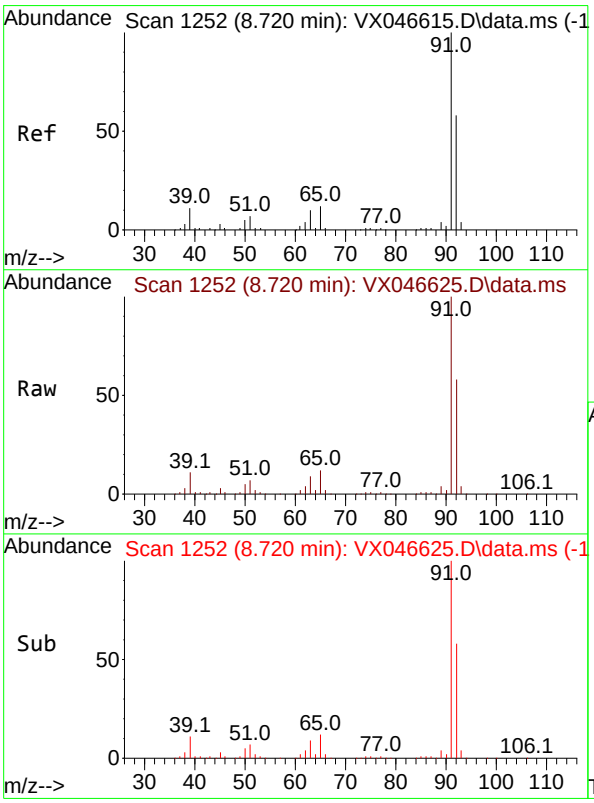
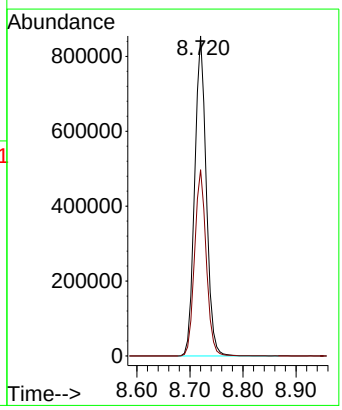
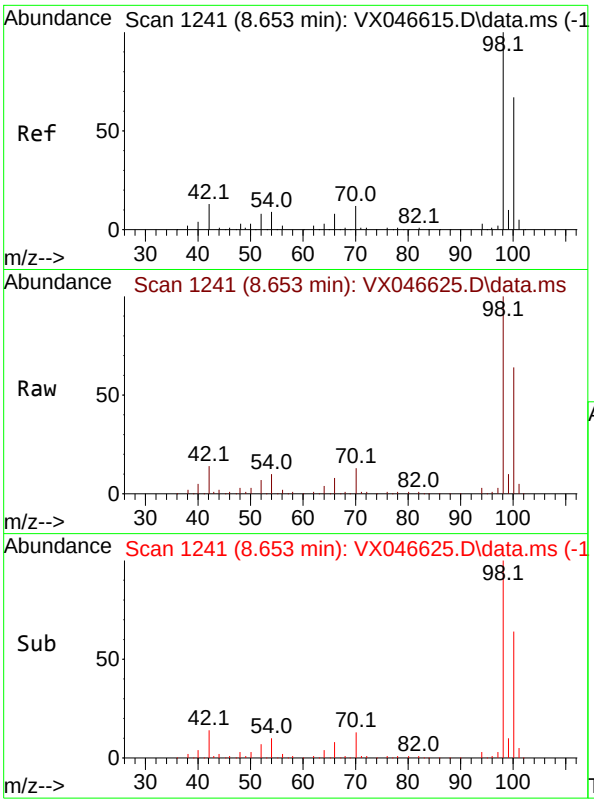


#62
Toluene
Concen: 285.183 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 91 Resp: 1293292

Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.8	70.2





#63
Toluene-d8
Concen: 29.960 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 98 Resp: 11198

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0

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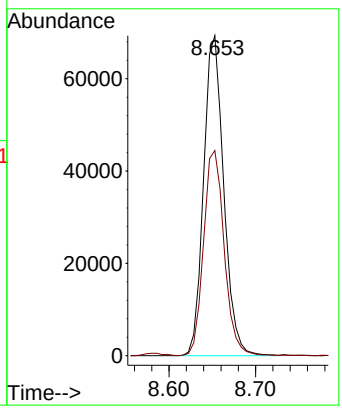
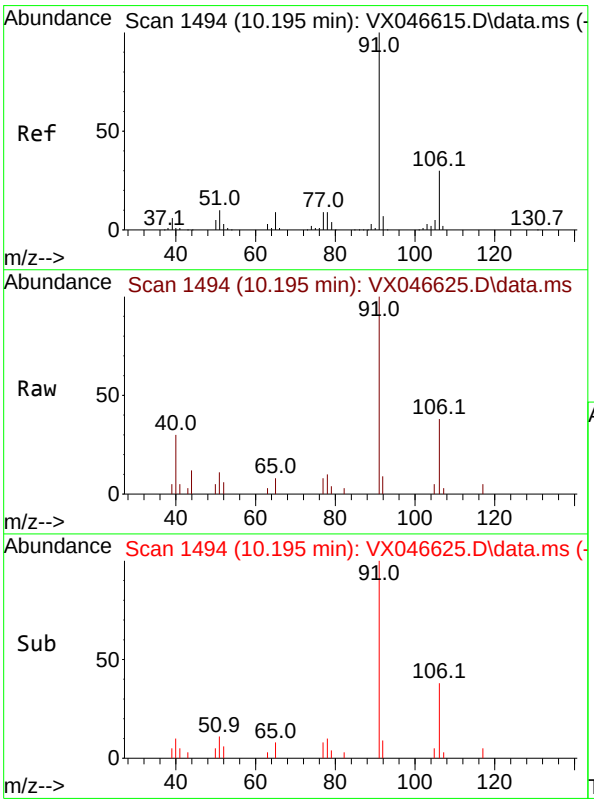
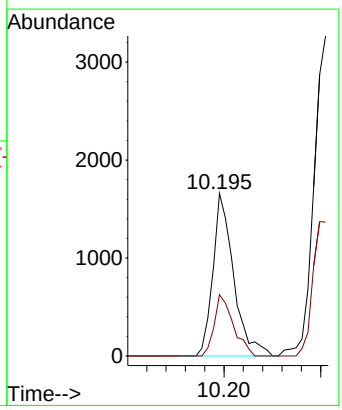


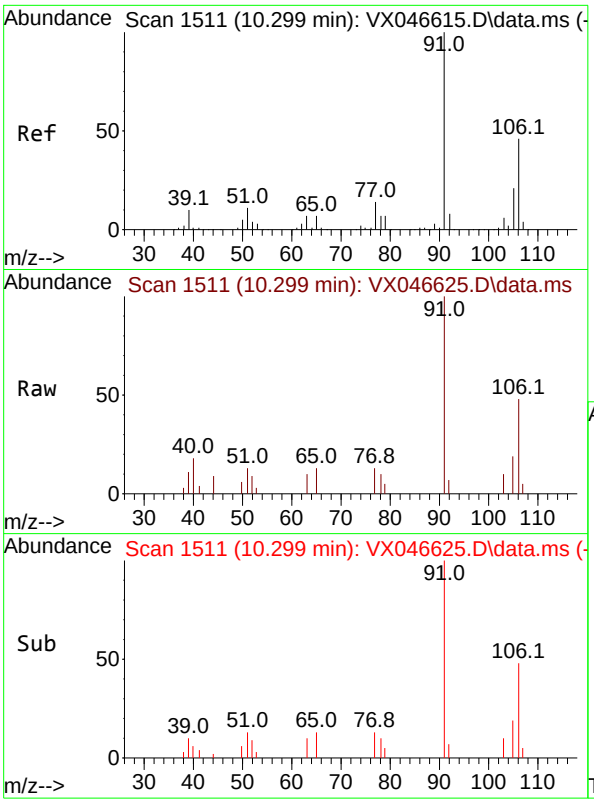


#66
Ethyl Benzene
Concen: 0.476 ug/l m
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion: 91 Resp: 2463

Ion	Ratio	Lower	Upper
91	100		
106	37.7	23.9	35.9#





#67
m/p-Xylenes
Concen: 1.221 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:106 Resp: 233

Ion	Ratio	Lower	Upper
106	100		
91	225.1	171.5	257.3

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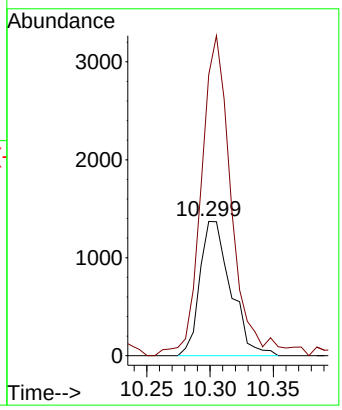
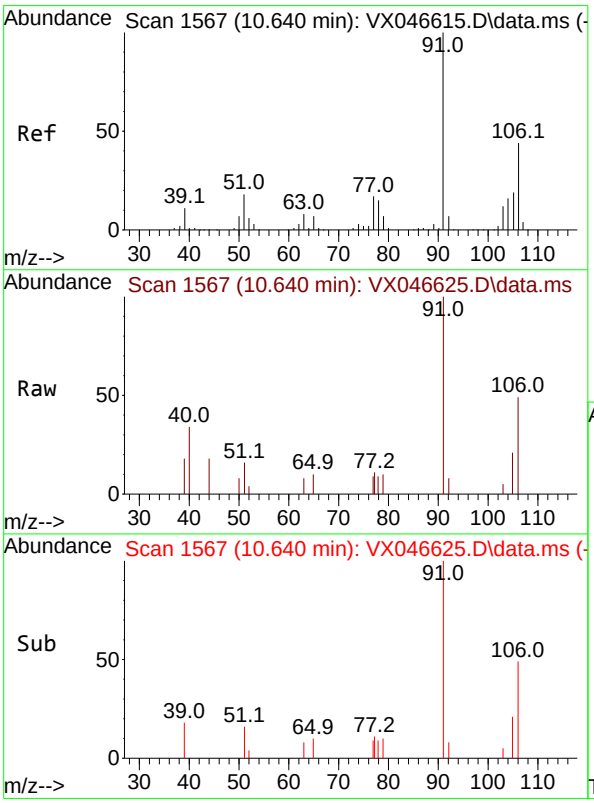
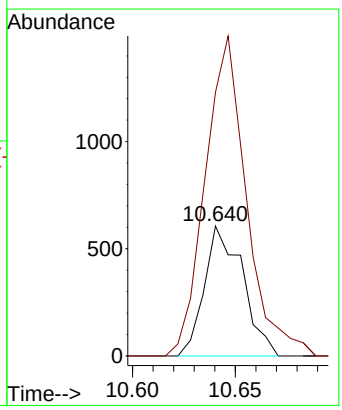


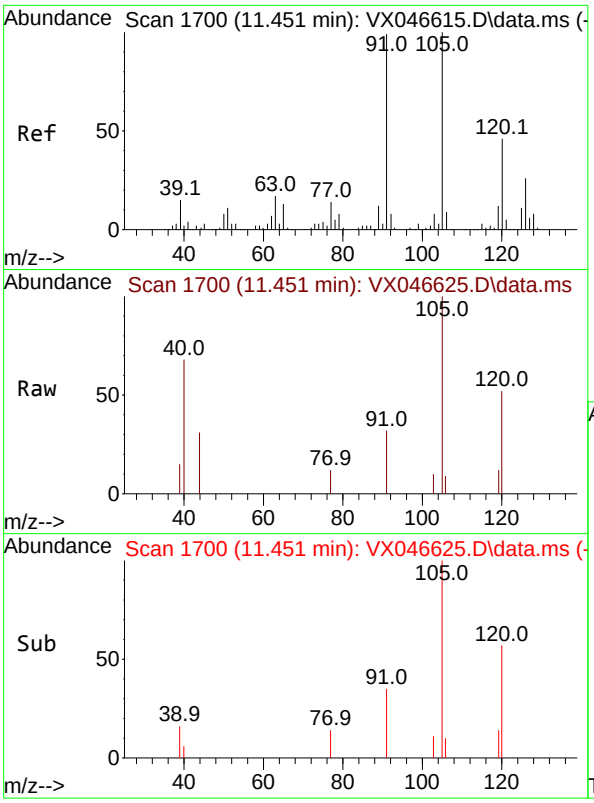


#68
o-Xylene
Concen: 0.426 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:106 Resp: 785

Ion	Ratio	Lower	Upper
106	100		
91	265.7	112.3	336.9

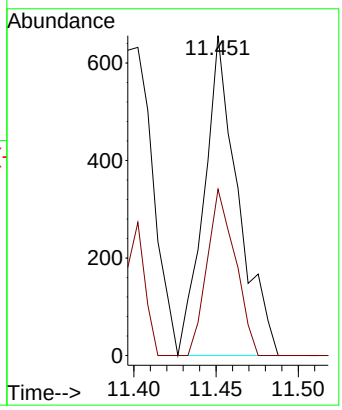




#76
1,3,5-Trimethylbenzene
Concen: 0.229 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:105 Resp: 94

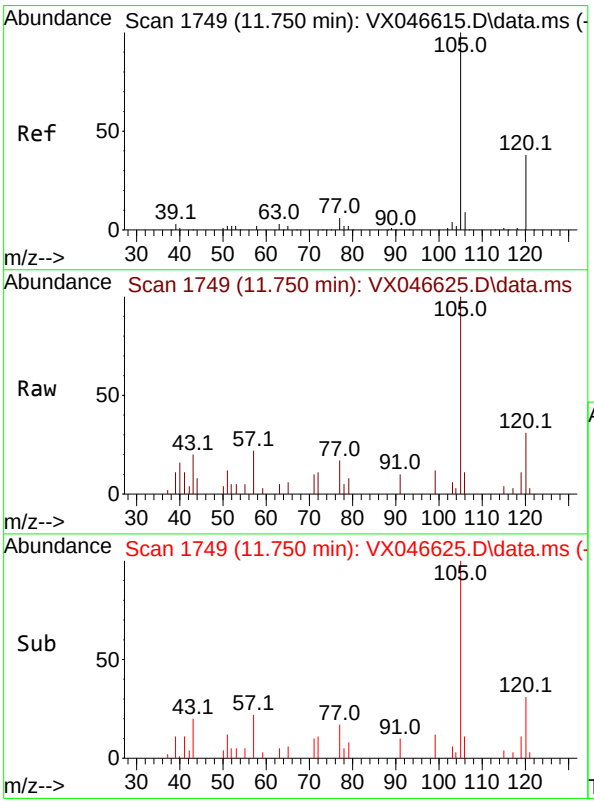
Ion	Ratio	Lower	Upper
105	100		
120	43.3	0.0	92.8



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

Manual Integrations
APPROVED

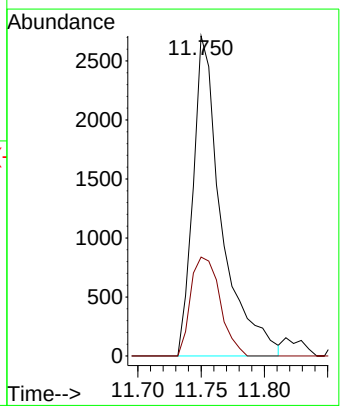
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

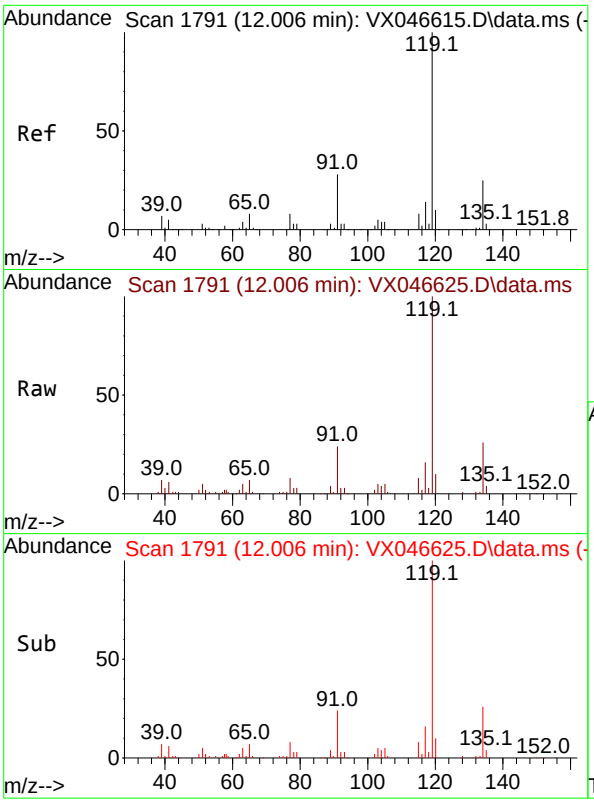


#80
1,2,4-Trimethylbenzene
Concen: 1.044 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:105 Resp: 4241

Ion	Ratio	Lower	Upper
105	100		
120	31.9	0.0	89.6

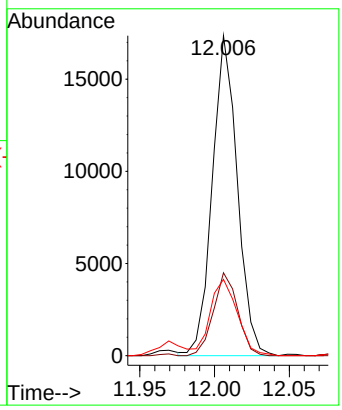




#82
p-Isopropyltoluene
Concen: 4.684 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:119 Resp: 2017

Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	50.0
91	26.2	0.0	54.0



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

Manual Integrations
APPROVED

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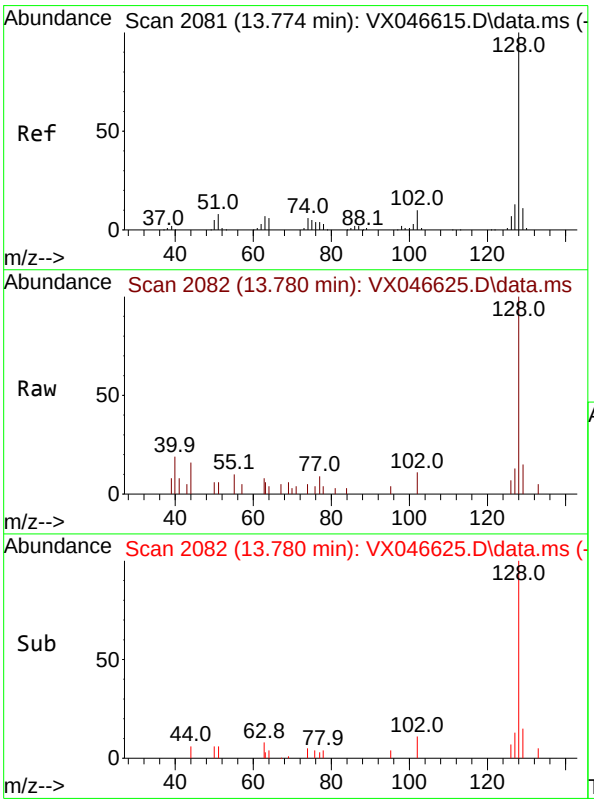
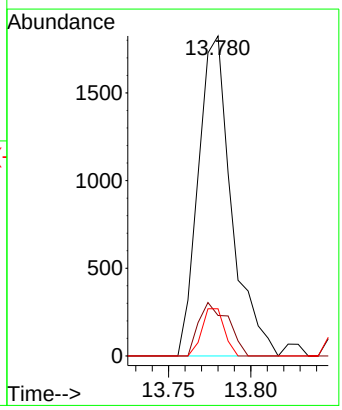


#91
Naphthalene
Concen: 0.591 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046625.D
Acq: 11 Jun 2025 00:54

Tgt Ion:128 Resp: 2566

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	10.0	8.8	13.2



Raw Data: **VX046633.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:	06/03/25
Project:	Transfer Station-SPDES	Date Received:	06/04/25
Client Sample ID:	002-35TH-AVE(JUNE)DL	SDG No.:	Q2203
Lab Sample ID:	Q2203-04DL	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
VX046633.D	5		06/11/25 13:18	VX061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	2.30	UD	2.30	25.0	ug/L
108-88-3	Toluene	230	D	2.30	25.0	ug/L
100-41-4	Ethyl Benzene	2.80	UD	2.80	25.0	ug/L
179601-23-1	m/p-Xylenes	6.50	UD	6.50	50.0	ug/L
95-47-6	o-Xylene	3.40	UD	3.40	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.8		91 - 110	103%	SPK: 30
2037-26-5	Toluene-d8	29.7		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.0		63 - 112	97%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	21600	4.916			
540-36-3	1,4-Difluorobenzene	116000	6.769			
3114-55-4	Chlorobenzene-d5	106000	10.055			

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: **VX046633.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046633.D
Acq On : 11 Jun 2025 13:18
Operator : JC/MD
Sample : Q2203-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 11 13:36:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	21583	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	115703	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	106468	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.971	65	53851	30.823	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.733%			
60) 4-Bromofluorobenzene	11.079	95	52043	29.000	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.667%			
63) Toluene-d8	8.653	98	141159	29.682	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.933%			
Target Compounds						Qvalue
15) Acetone	2.392	58	4559	29.873	ug/l	90
16) Carbon Disulfide	2.575	76	12491m	3.494	ug/l	
30) 2-Butanone	4.593	43	4515m	5.566	ug/l	
58) 4-Methyl-2-Pentanone	8.586	43	901	0.520	ug/l #	83
62) Toluene	8.720	91	266024	46.105	ug/l	100
82) p-Isopropyltoluene	12.012	119	3778	0.689	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046633.D
Acq On : 11 Jun 2025 13:18
Operator : JC/MD
Sample : Q2203-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 11 13:36:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations APPROVED

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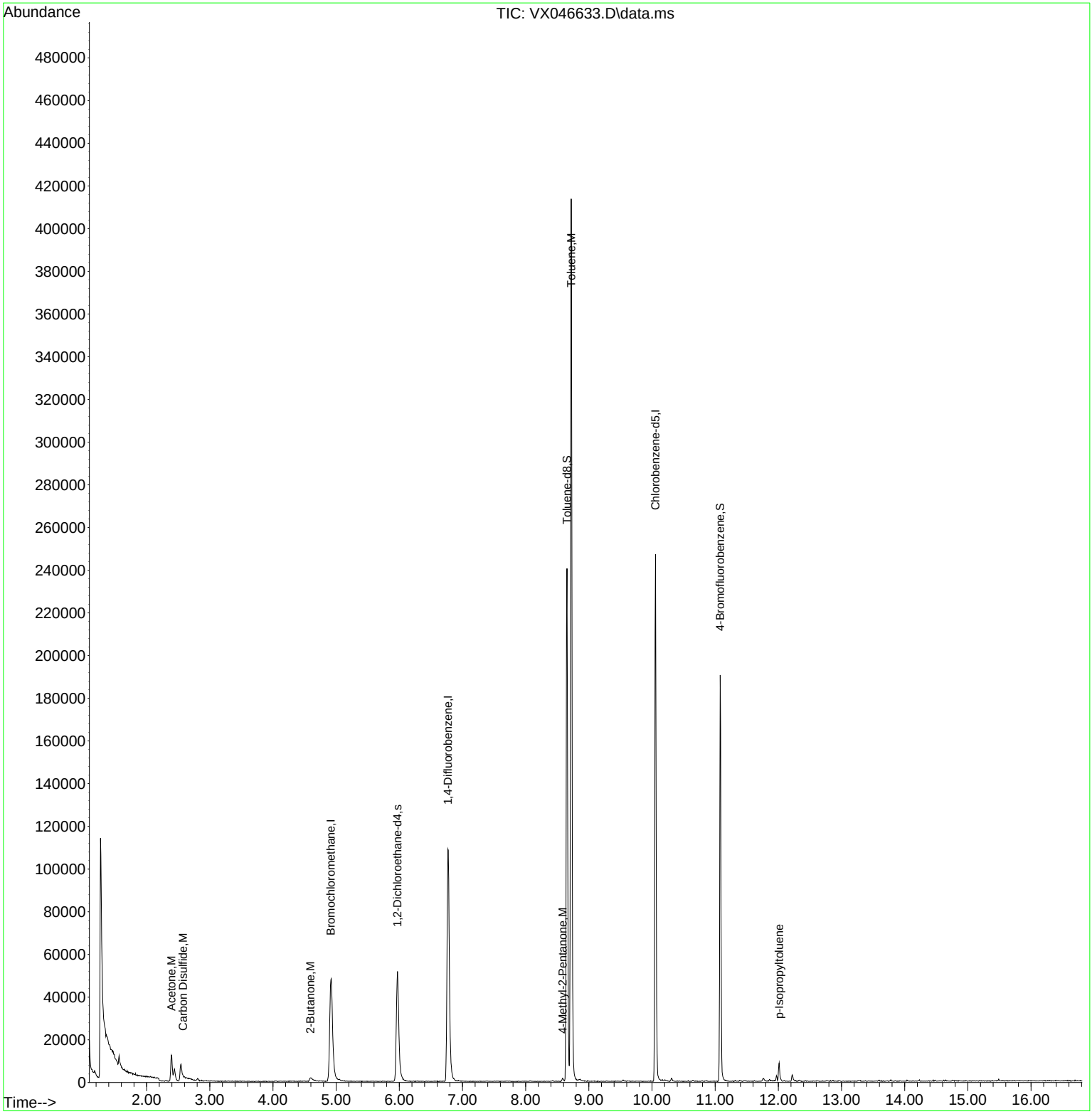

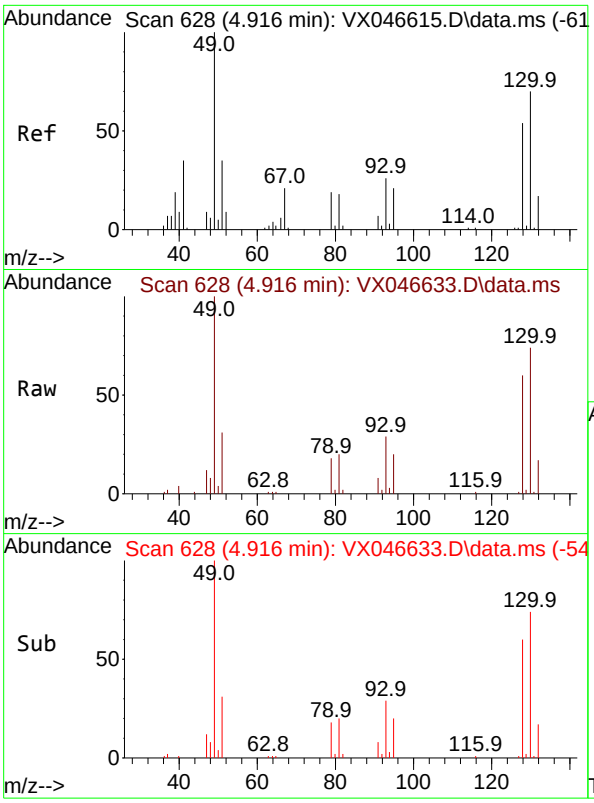

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion:128 Resp: 2158

Ion	Ratio	Lower	Upper
128	100		
49	177.2	0.0	448.3
130	128.6	0.0	312.0

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations
APPROVED

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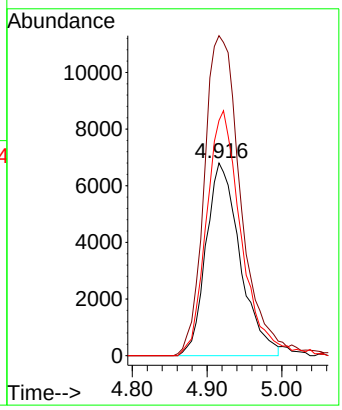
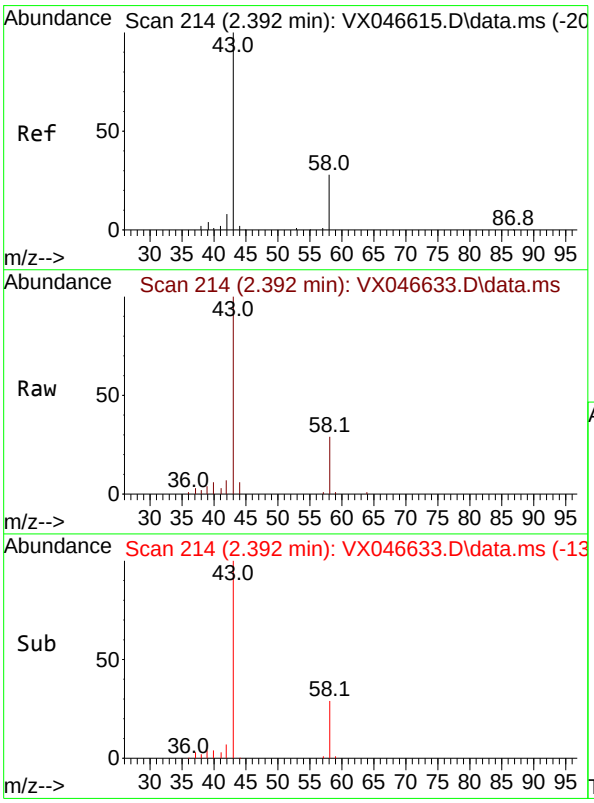
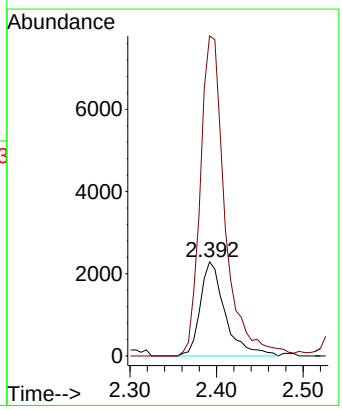


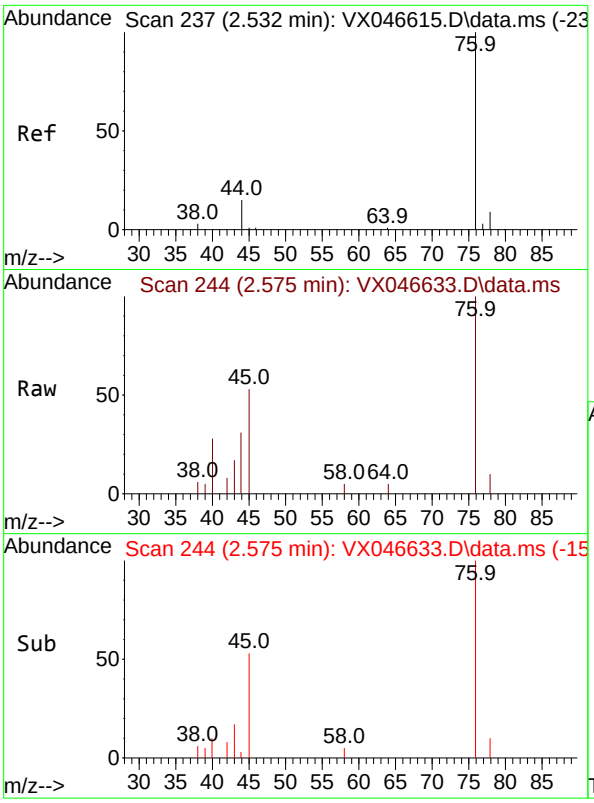


#15
Acetone
Concen: 29.873 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 58 Resp: 4559

Ion	Ratio	Lower	Upper
58	100		
43	340.4	290.6	435.8





#16
Carbon Disulfide
Concen: 3.494 ug/l m
RT: 2.575 min Scan# 24
Delta R.T. 0.043 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 76 Resp: 1249

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations
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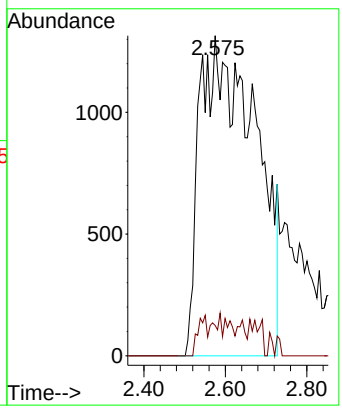
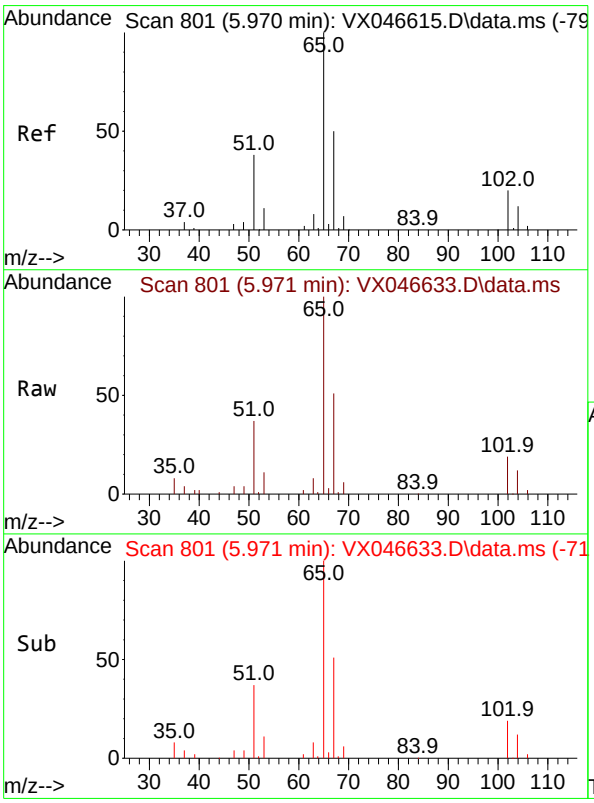
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025

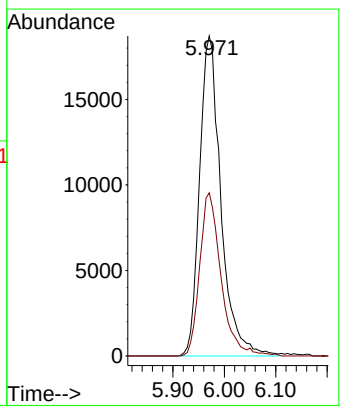


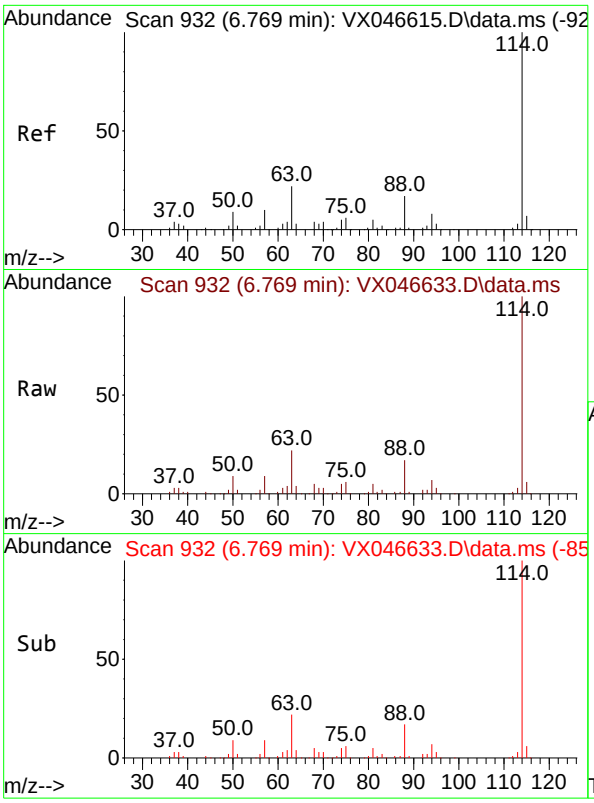


#27
1,2-Dichloroethane-d4
Concen: 30.823 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 65 Resp: 53851

Ion	Ratio	Lower	Upper
65	100		
67	49.9	41.4	62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion:114 Resp: 11570

Ion	Ratio	Lower	Upper
114	100		
63	22.5	18.1	27.1
88	17.2	14.1	21.1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations
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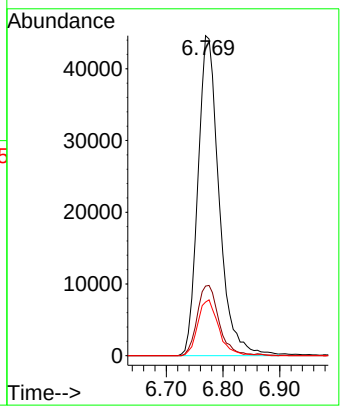
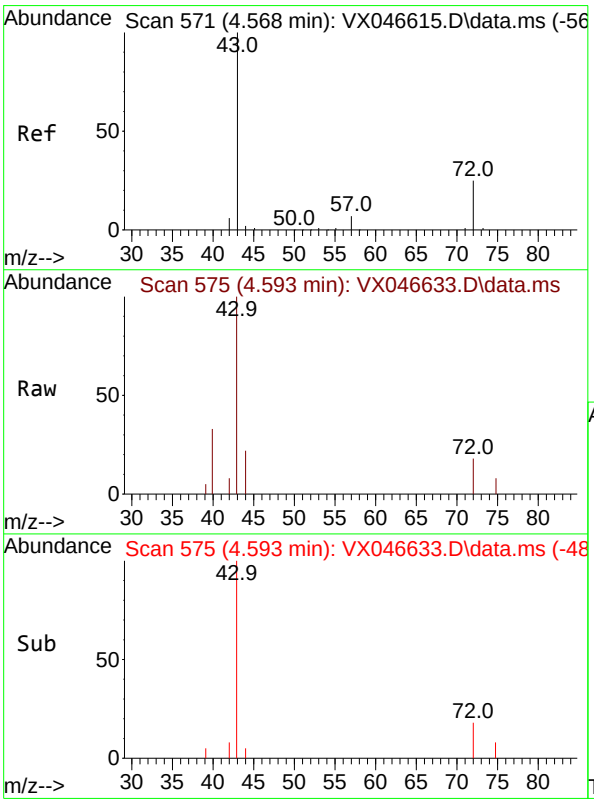
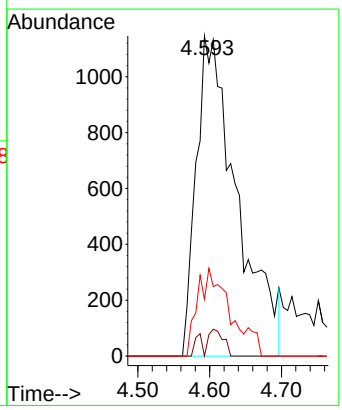


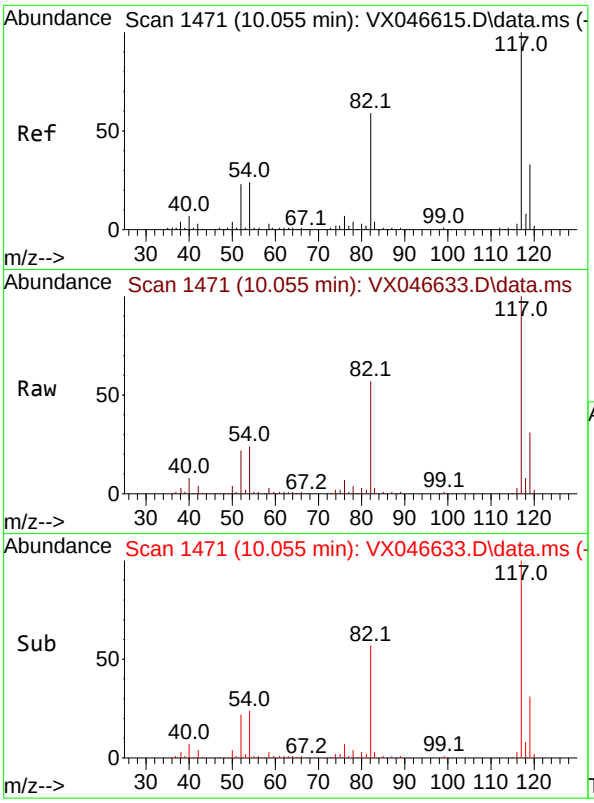


#30
2-Butanone
Concen: 5.566 ug/l m
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 43 Resp: 4515

Ion	Ratio	Lower	Upper
43	100		
57	1.2	5.8	8.6#
72	0.0	19.4	29.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion:117 Resp: 10646

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.5	69.7
119	32.1	25.8	38.6

Instrument :
MSVOA_X
ClientSampleId :
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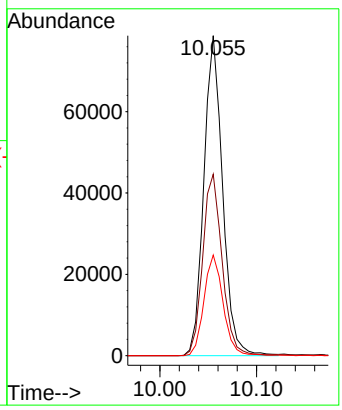
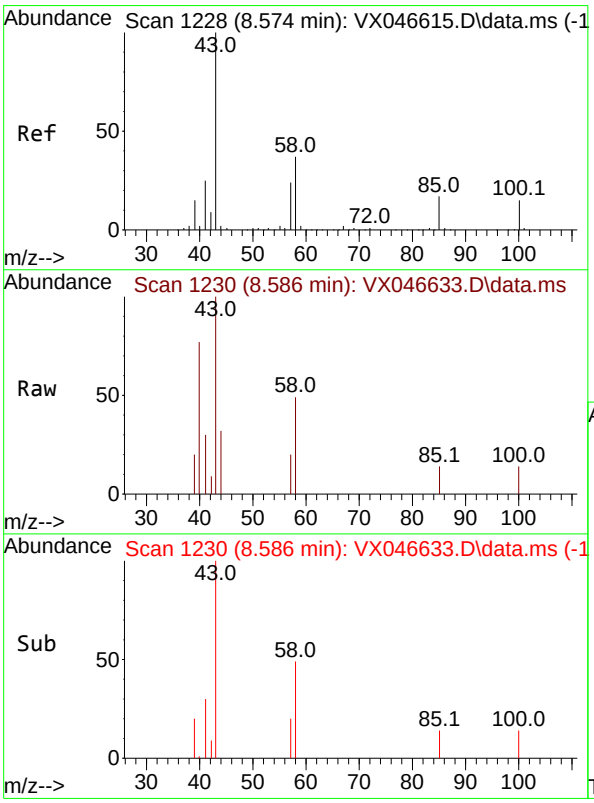
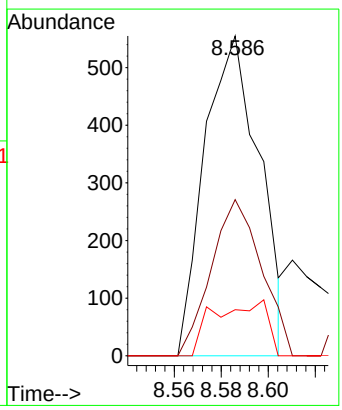


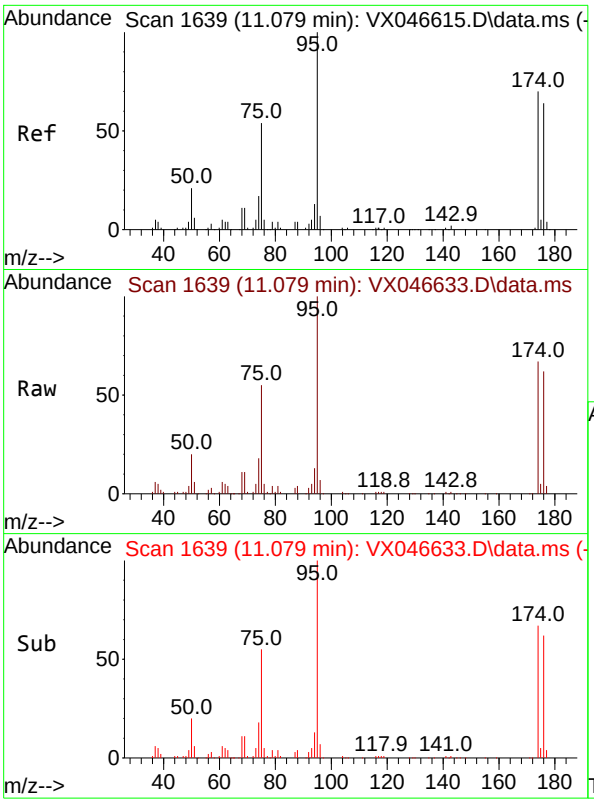


#58
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
58	44.7	29.4	44.2#
85	6.2	13.3	19.9#

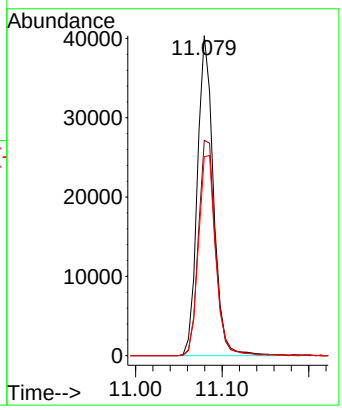




#60
4-Bromofluorobenzene
Concen: 29.000 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 95 Resp: 5204

Ion	Ratio	Lower	Upper
95	100		
174	71.2	56.0	84.0
176	67.0	52.2	78.4



Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations
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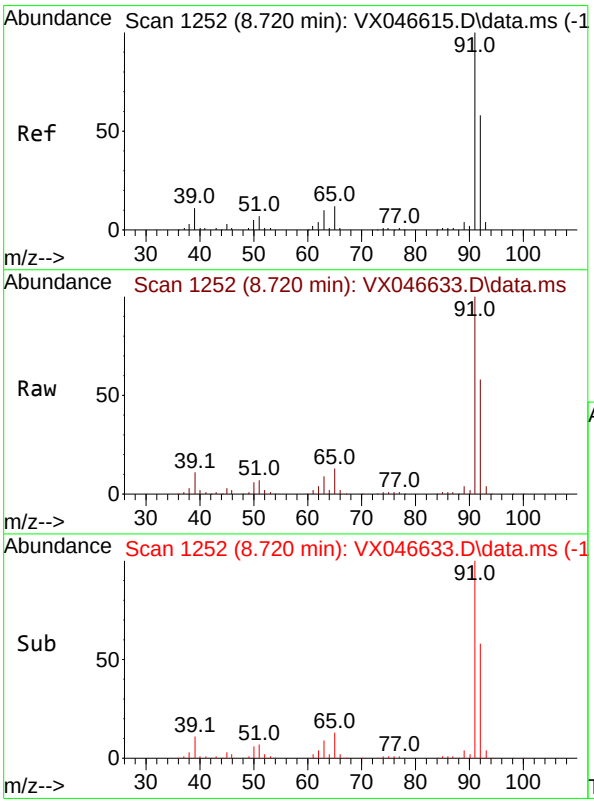
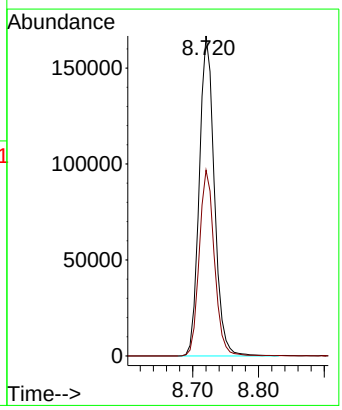
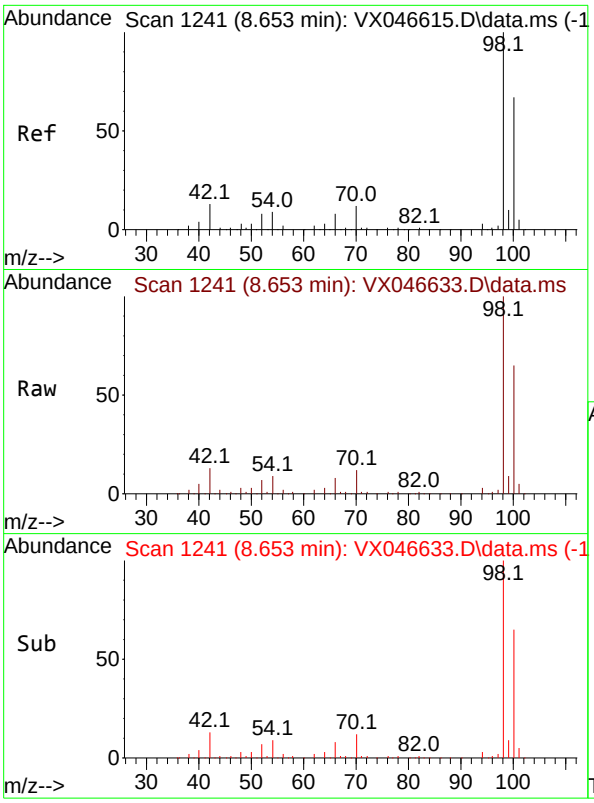


#62
Toluene
Concen: 46.105 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 91 Resp: 266024

Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.8	70.2

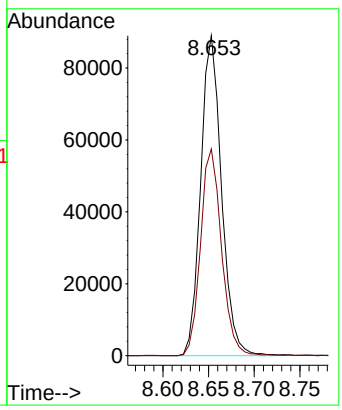




#63
Toluene-d8
Concen: 29.682 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 98 Resp: 14115

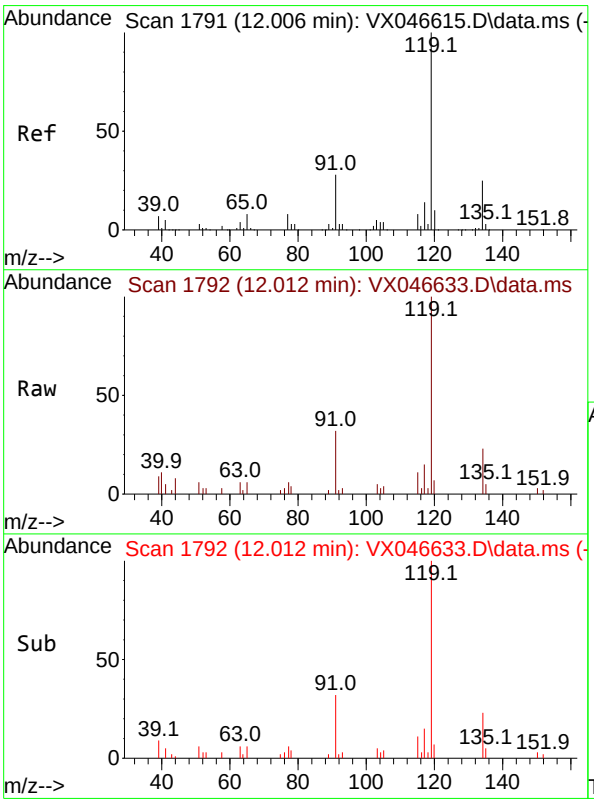
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	79.0



Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations
APPROVED

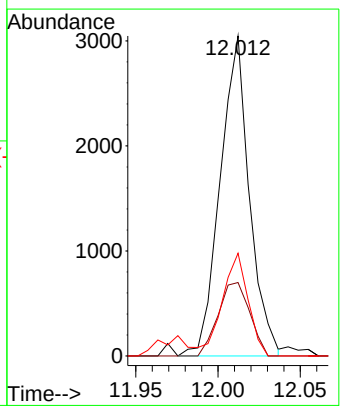
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025



#82
p-Isopropyltoluene
Concen: 0.689 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion:119 Resp: 3778

Ion	Ratio	Lower	Upper
119	100		
134	24.8	0.0	50.0
91	28.1	0.0	54.0



CALIBRATION SUMMARY

Raw Data

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.: Q2203 SAS No.: Q2203 SDG No.: Q2203

Instrument ID: MSVOA_X Calibration Date(s): 06/10/2025 06/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 20:19 21:44

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

LAB FILE ID: RRF005 = VX046614.D RRF020 = VX046615.D RRF050 = VX046616.D
RRF100 = VX046617.D RRF150 = VX046618.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Benzene	1.464	1.500	1.310	1.415	1.244		1.387	7.7
Toluene	1.663	1.749	1.544	1.682	1.492		1.626	6.5
Ethyl Benzene	1.878	1.964	1.821	1.919	1.700		1.856	5.5
m/p-Xylenes	0.688	0.734	0.681	0.704	0.626		0.687	5.7
o-Xylene	0.665	0.703	0.652	0.676	0.610		0.661	5.2
1,2-Dichloroethane-d4	2.549	2.442	2.160	2.504	2.486		2.428	6.4
Toluene-d8	1.359	1.354	1.307	1.342	1.337		1.340	1.5
4-Bromofluorobenzene	0.515	0.506	0.505	0.497	0.505		0.506	1.2

* 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 : 624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Jun 11 06:20:28 2025
Response Via : Initial Calibration

Calibration Files
5 =VX046614.D 20 =VX046615.D 50 =VX046616.D 100 =VX046617.D 150 =VX046618.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	1.938	2.037	1.917	2.061	1.799	1.950	5.37
3)	M	Chloromethane	2.074	2.119	1.934	2.075	1.846	2.010	5.74
4)	M	Vinyl Chloride	1.964	2.039	1.866	2.045	1.772	1.937	6.05
5)	M	Bromomethane	1.292	1.283	1.129	1.091	0.990	1.157	11.20
6)	M	Chloroethane	1.143	1.108	1.106	1.162	1.046	1.113	3.99
7)	M	Trichlorofluorom...	2.825	2.970	2.572	2.960	2.547	2.775	7.37
8)	T	Diethyl Ether	1.052	1.034	0.828	1.024	0.924	0.972	9.75
9)		1,1,2-Trichlorot...	1.957	1.939	1.689	1.916	1.729	1.846	6.87
10)	M	1,1-Dichloroethene	1.851	1.842	1.661	1.911	1.690	1.791	6.11
11)		Methyl Iodide	2.305	2.520	2.360	2.641	2.382	2.442	5.61
12)		Methyl Acetate	2.402	3.119	1.734	2.182	1.850	2.257	24.34
13)	M	Acrolein	0.228	0.207	0.189	0.261	0.221	0.221	12.19
14)	M	Acrylonitrile	0.972	0.976	0.832	0.985	0.873	0.928	7.54
15)	M	Acetone	0.210	0.221	0.198	0.231	0.200	0.212	6.57
16)	M	Carbon Disulfide	4.793	5.206	4.642	5.359	4.843	4.969	6.06
17)		Allyl chloride	3.327	3.381	2.928	3.483	3.128	3.249	6.81
18)	M	Methylene Chloride	2.161	2.078	1.819	2.024	1.799	1.976	8.10
19)	M	trans-1,2-Dichlo...	1.935	1.920	1.756	1.939	1.731	1.856	5.58
20)	T	Diisopropyl ether	6.089	6.535	5.660	6.592	5.862	6.147	6.66
21)	M	1,1-Dichloroethane	3.710	3.704	3.211	3.694	3.291	3.522	7.07
22)	M	cis-1,2-Dichloro...	2.201	2.288	2.041	2.261	2.029	2.164	5.64
23)	M	tert-Butyl Alcohol	0.182	0.185	0.167	0.211	0.192	0.187	8.57
24)	M	Methyl tert-Buty...	5.273	5.726	5.109	5.977	5.269	5.471	6.67
25)	M	Chloroform	3.918	3.837	3.244	3.783	3.345	3.625	8.49
26)		Cyclohexane	3.367	3.389	2.899	3.406	3.008	3.214	7.51
27)	s	1,2-Dichloroetha...	2.549	2.442	2.160	2.504	2.486	2.428	6.37
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.496	0.515	0.431	0.484	0.433	0.472	8.09
30)	M	2-Butanone	0.207	0.225	0.201	0.223	0.196	0.210	6.14
31)		2,2-Dichloropropane	0.428	0.439	0.396	0.441	0.392	0.419	5.69
32)	M	1,1,1-Trichloroe...	0.599	0.628	0.537	0.613	0.539	0.583	7.31
33)	M	Carbon Tetrachlo...	0.524	0.556	0.490	0.542	0.477	0.518	6.49
34)	M	Benzene	1.464	1.500	1.310	1.415	1.244	1.387	7.72
35)		Methacrylonitrile	0.246	0.266	0.255	0.278	0.245	0.258	5.46
36)	M	1,2-Dichloroethane	0.570	0.582	0.468	0.536	0.467	0.525	10.41
37)	M	Trichloroethene	0.375	0.366	0.339	0.352	0.308	0.348	7.49
38)		Methylcyclohexane	0.584	0.627	0.593	0.624	0.568	0.599	4.24
39)	M	1,2-Dichloropropane	0.361	0.369	0.334	0.352	0.314	0.346	6.39
40)		Dibromomethane	0.279	0.278	0.246	0.260	0.230	0.259	8.11
41)	M	Bromodichloromet...	0.526	0.576	0.504	0.548	0.480	0.527	7.06
42)	M	Vinyl Acetate	0.855	0.868	0.896	1.019	0.901	0.908	7.18
43)		Ethyl Acetate	0.436	0.471	0.420	0.478	0.423	0.446	6.14
44)		Isopropyl Acetate	0.655	0.716	0.628	0.789	0.696	0.697	8.91
45)	T	1,4-Dioxane	0.004	0.005	0.004	0.005	0.004	0.004	6.70
46)		Methyl methacrylate	0.354	0.408	0.360	0.414	0.365	0.380	7.50
47)		n-amyl Acetate	0.571	0.565	0.681	0.687	0.613	0.623	9.38
48)	M	t-1,3-Dichloropr...	0.444	0.475	0.463	0.517	0.463	0.472	5.78
49)	T	cis-1,3-Dichloro...	0.503	0.547	0.515	0.566	0.505	0.527	5.33
50)	M	1,1,2-Trichloroe...	0.341	0.352	0.322	0.324	0.291	0.326	7.11
51)		Ethyl methacrylate	0.454	0.517	0.497	0.536	0.473	0.496	6.65
52)		1,3-Dichloropropane	0.580	0.623	0.559	0.569	0.508	0.568	7.30
53)	M	Dibromochloromet...	0.375	0.406	0.388	0.398	0.354	0.384	5.34
54)	M	1,2-Dibromoethane	0.362	0.362	0.340	0.346	0.304	0.343	6.95
55)	M	2-Chloroethyl vi...	0.252	0.286	0.268	0.296	0.193	0.259	15.64
56)	M	Bromoform	0.226	0.249	0.241	0.249	0.222	0.237	5.26

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 624X061025W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.489	0.521	0.452	0.520	0.457	0.488	6.78
59)	M	2-Hexanone	0.327	0.369	0.337	0.365	0.323	0.344	6.26
60)	S	4-Bromofluoroben...	0.515	0.506	0.505	0.497	0.505	0.506	1.22
61)	M	Tetrachloroethene	0.346	0.332	0.299	0.312	0.283	0.314	8.04
62)	M	Toluene	1.663	1.749	1.544	1.682	1.492	1.626	6.47
63)	S	Toluene-d8	1.359	1.354	1.307	1.342	1.337	1.340	1.51
64)	M	Chlorobenzene	1.106	1.099	1.014	1.067	0.957	1.049	5.96
65)		1,1,1,2-Tetrachl...	0.348	0.370	0.348	0.366	0.326	0.351	5.01
66)	M	Ethyl Benzene	1.878	1.964	1.821	1.919	1.700	1.856	5.49
67)	M	m/p-Xylenes	0.688	0.734	0.681	0.704	0.626	0.687	5.73
68)	M	o-Xylene	0.665	0.703	0.652	0.676	0.610	0.661	5.17
69)	M	Styrene	1.121	1.225	1.110	1.167	1.043	1.133	5.96
70)		Isopropylbenzene	1.841	1.878	1.745	1.795	1.612	1.774	5.83
71)	M	1,1,2,2-Tetrachl...	0.571	0.565	0.502	0.513	0.456	0.521	9.12
72)		1,2,3-Trichlorop...	0.465	0.466	0.423	0.434	0.388	0.435	7.48
73)		Bromobenzene	0.447	0.435	0.402	0.420	0.375	0.416	6.83
74)		n-propylbenzene	2.146	2.267	2.103	2.165	1.926	2.122	5.88
75)		2-Chlorotoluene	1.335	1.363	1.235	1.279	1.139	1.270	6.96
76)		1,3,5-Trimethylb...	1.536	1.580	1.447	1.489	1.319	1.474	6.78
77)		t-1,4-Dichloro-2...	0.132	0.145	0.144	0.164	0.150	0.147	7.86
78)		4-Chlorotoluene	1.528	1.596	1.430	1.472	1.321	1.469	7.07
79)		tert-butylbenzene	1.519	1.569	1.436	1.502	1.325	1.470	6.40
80)		1,2,4-Trimethylb...	1.493	1.565	1.423	1.482	1.317	1.456	6.37
81)		sec-Butylbenzene	1.963	2.011	1.841	1.893	1.699	1.881	6.43
82)		p-Isopropyltoluene	1.559	1.660	1.527	1.564	1.411	1.544	5.80
83)	M	1,3-Dichlorobenzene	0.833	0.825	0.753	0.768	0.691	0.774	7.49
84)	M	1,4-Dichlorobenzene	0.850	0.837	0.745	0.766	0.695	0.779	8.31
85)		n-Butylbenzene	1.513	1.603	1.461	1.499	1.362	1.488	5.88
86)	T	Hexachloroethane	0.267	0.279	0.262	0.283	0.250	0.268	5.01
87)	M	1,2-Dichlorobenzene	0.808	0.799	0.721	0.740	0.656	0.745	8.32
88)		1,2-Dibromo-3-Ch...	0.101	0.112	0.106	0.116	0.102	0.108	6.14
89)		1,2,4-Trichlorob...	0.490	0.516	0.473	0.516	0.460	0.491	5.12
90)		Hexachlorobutadiene	0.230	0.228	0.209	0.215	0.199	0.216	5.96
91)	M	Naphthalene	1.505	1.617	1.534	1.649	1.484	1.558	4.61
92)		1,2,3-Trichlorob...	0.485	0.511	0.464	0.504	0.446	0.482	5.62

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046614.D
Acq On : 10 Jun 2025 20:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:56:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.916	128	20339	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	108711	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	100056	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.964	65	51846	27.060	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 90.200%#				
60) 4-Bromofluorobenzene	11.079	95	51515	28.084	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.600%				
63) Toluene-d8	8.653	98	135945	25.528	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 85.100%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	6570	3.970	ug/l		99
3) Chloromethane	1.307	50	7029	3.631	ug/l		97
4) Vinyl Chloride	1.386	62	6659	3.553	ug/l		100
5) Bromomethane	1.624	94	4379	5.987	ug/l		86
6) Chloroethane	1.703	64	3876	3.884	ug/l		96
7) Trichlorofluoromethane	1.904	101	9576	3.737	ug/l		96
8) Diethyl Ether	2.148	74	3565m	3.737	ug/l		
9) 1,1,2-Trichlorotrifluo...	2.349	101	6635	4.287	ug/l		97
10) 1,1-Dichloroethene	2.331	96	6274	4.171	ug/l		93
11) Methyl Iodide	2.465	142	7812	4.351	ug/l		97
12) Methyl Acetate	2.715	43	8141	4.326	ug/l		99
13) Acrolein	2.246	56	3864m	11.944	ug/l		
14) Acrylonitrile	3.075	53	16477	19.615	ug/l		96
15) Acetone	2.392	58	3564	16.008	ug/l		95
16) Carbon Disulfide	2.526	76	16246	3.799	ug/l		97
17) Allyl chloride	2.685	41	11278	4.010	ug/l		94
18) Methylene Chloride	2.807	84	7325	4.352	ug/l		98
19) trans-1,2-Dichloroethene	3.111	96	6558	4.296	ug/l		96
20) Diisopropyl ether	3.782	45	20640	3.834	ug/l		96
21) 1,1-Dichloroethane	3.623	63	12577	4.190	ug/l		97
22) cis-1,2-Dichloroethene	4.507	96	7461	4.085	ug/l		97
23) tert-Butyl Alcohol	2.965	59	3079	11.259	ug/l	#	100
24) Methyl tert-Butyl Ether	3.130	73	17874	3.672	ug/l		99
25) Chloroform	5.105	83	13281	4.539	ug/l		93
26) Cyclohexane	5.483	56	11414	4.131	ug/l	#	97
29) 1,1-Dichloropropene	5.702	75	8995m	4.533	ug/l		
30) 2-Butanone	4.574	43	18746	17.149	ug/l	#	95
31) 2,2-Dichloropropane	4.495	77	7756	3.602	ug/l		95
32) 1,1,1-Trichloroethane	5.398	97	10859m	4.503	ug/l		
33) Carbon Tetrachloride	5.684	117	9491	4.628	ug/l		98
34) Benzene	6.050	78	26529	4.329	ug/l		99
35) Methacrylonitrile	4.934	41	4456	3.751	ug/l		90
36) 1,2-Dichloroethane	6.111	62	10321	4.805	ug/l		96
37) Trichloroethene	7.135	130	6787	4.704	ug/l		94
38) Methylcyclohexane	7.391	83	10589	4.024	ug/l		99
39) 1,2-Dichloropropane	7.440	63	6540m	4.306	ug/l		
40) Dibromomethane	7.592	93	5059	4.591	ug/l		97
41) Bromodichloromethane	7.824	83	9535	4.313	ug/l	#	96
42) Vinyl Acetate	3.739	43	77412	18.221	ug/l		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046614.D
Acq On : 10 Jun 2025 20:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:56:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	4.739	43	7901	3.772	ug/l	#	93
44) Isopropyl Acetate	6.361	43	11865	3.470	ug/l		98
45) 1,4-Dioxane	7.678	88	1577	47.827	ug/l	#	66
46) Methyl methacrylate	7.702	41	6418m	3.745	ug/l		
47) n-amyl Acetate	10.848	43	10344	3.541	ug/l		99
48) t-1,3-Dichloropropene	8.988	75	8052	3.828	ug/l		97
49) cis-1,3-Dichloropropene	8.373	75	9107	3.855	ug/l		95
50) 1,1,2-Trichloroethane	9.153	97	6180	4.347	ug/l		92
51) Ethyl methacrylate	9.122	69	8230	3.665	ug/l		95
52) 1,3-Dichloropropane	9.311	76	10513	4.209	ug/l		99
53) Dibromochloromethane	9.519	129	6791	4.264	ug/l		97
54) 1,2-Dibromoethane	9.616	107	6561m	4.514	ug/l		
55) 2-Chloroethyl vinyl ether	8.245	63	22805	19.690	ug/l		99
56) Bromoform	10.799	173	4103	4.083	ug/l		98
58) 4-Methyl-2-Pentanone	8.574	43	40811	18.799	ug/l		98
59) 2-Hexanone	9.433	43	27294	17.430	ug/l		99
61) Tetrachloroethene	9.275	164	5776	4.781	ug/l		93
62) Toluene	8.720	91	27732	4.271	ug/l		99
64) Chlorobenzene	10.080	112	18438	4.574	ug/l		98
65) 1,1,1,2-Tetrachloroethane	10.165	131	5797	4.329	ug/l		98
66) Ethyl Benzene	10.195	91	31311	4.369	ug/l		95
67) m/p-Xylenes	10.305	106	22936	8.659	ug/l		97
68) o-Xylene	10.640	106	11097	4.286	ug/l		99
69) Styrene	10.659	104	18699	4.280	ug/l		99
70) Isopropylbenzene	10.964	105	30702	4.557	ug/l		99
71) 1,1,2,2-Tetrachloroethane	11.214	83	9519	4.357	ug/l		99
72) 1,2,3-Trichloropropane	11.238	75	7755m	4.303	ug/l		
73) Bromobenzene	11.201	156	7460	4.799	ug/l		97
74) n-propylbenzene	11.305	91	35787	4.437	ug/l		99
75) 2-Chlorotoluene	11.366	91	22257	4.585	ug/l		99
76) 1,3,5-Trimethylbenzene	11.451	105	25610	4.595	ug/l		100
77) t-1,4-Dichloro-2-butene	11.018	75	2205	3.597	ug/l		73
78) 4-Chlorotoluene	11.457	91	25479	4.653	ug/l		100
79) tert-butylbenzene	11.713	119	25323	4.521	ug/l		99
80) 1,2,4-Trimethylbenzene	11.750	105	24894	4.475	ug/l		98
81) sec-Butylbenzene	11.890	105	32733	4.630	ug/l		99
82) p-Isopropyltoluene	12.006	119	25993	4.517	ug/l		99
83) 1,3-Dichlorobenzene	11.970	146	13898	4.793	ug/l		99
84) 1,4-Dichlorobenzene	12.043	146	14175	4.923	ug/l		98
85) n-Butylbenzene	12.335	91	25235	4.722	ug/l		100
86) Hexachloroethane	12.536	117	4454	4.374	ug/l		96
87) 1,2-Dichlorobenzene	12.335	146	13468	4.757	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1679	3.904	ug/l		95
89) 1,2,4-Trichlorobenzene	13.585	180	8164	4.637	ug/l		99
90) Hexachlorobutadiene	13.725	225	3828	5.291	ug/l		100
91) Naphthalene	13.774	128	25102	4.155	ug/l		98
92) 1,2,3-Trichlorobenzene	13.957	180	8091	4.528	ug/l		99

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

ICAL Form

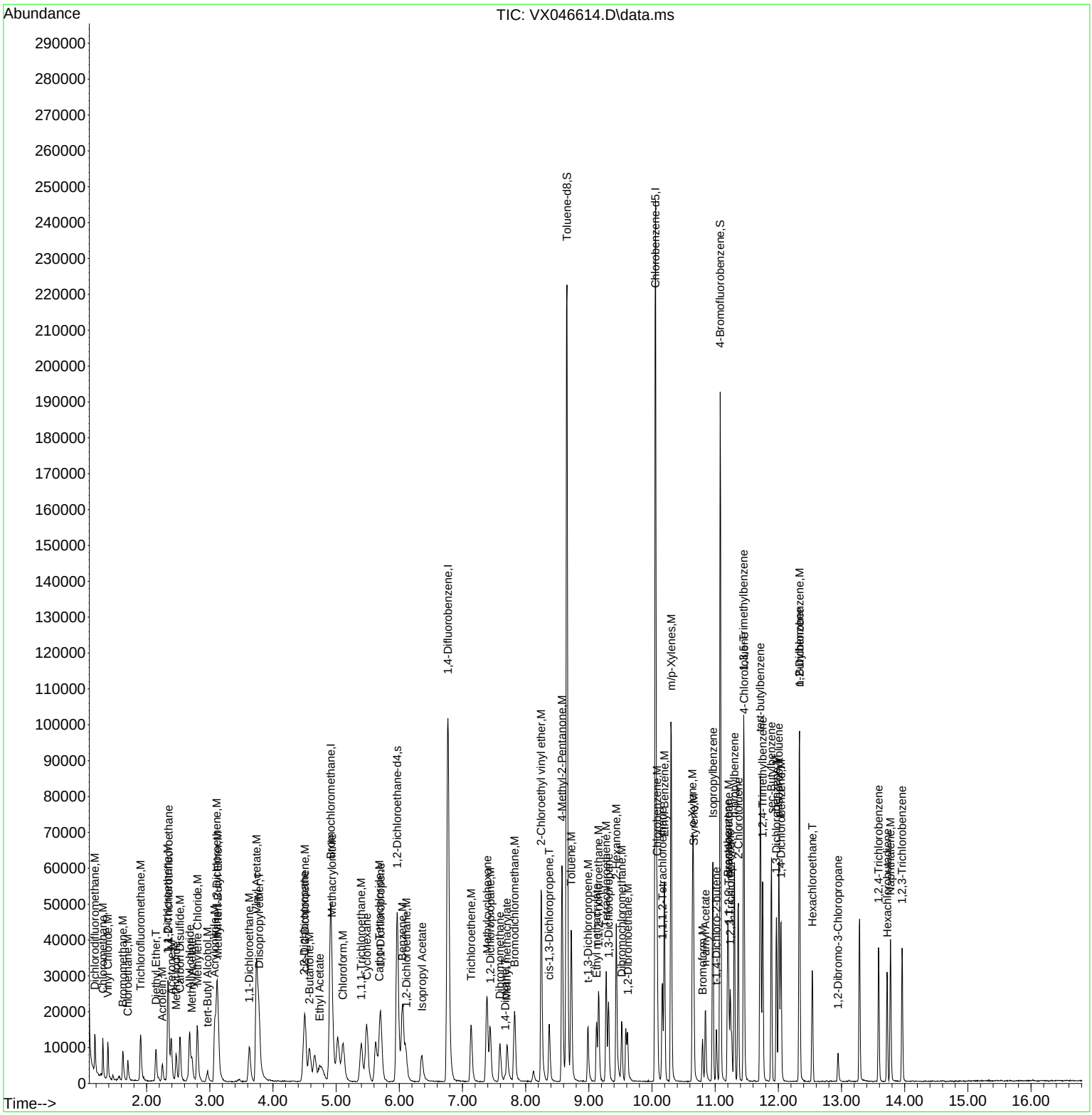
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046614.D
Acq On : 10 Jun 2025 20:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 11 05:56:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046615.D
Acq On : 10 Jun 2025 20:40
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	19846	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	104620	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	96769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	48470	25.927	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 86.433%#			
60) 4-Bromofluorobenzene	11.079	95	48951	27.592	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.967%			
63) Toluene-d8	8.653	98	131066	25.448	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 84.833%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	26946	16.689	ug/l	100
3) Chloromethane	1.307	50	28042	14.844	ug/l	100
4) Vinyl Chloride	1.386	62	26978	14.752	ug/l	100
5) Bromomethane	1.630	94	16981	23.792	ug/l	100
6) Chloroethane	1.703	64	14658	15.053	ug/l	100
7) Trichlorofluoromethane	1.904	101	39293	15.714	ug/l	100
8) Diethyl Ether	2.148	74	13681	14.696	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	25658	16.992	ug/l	100
10) 1,1-Dichloroethene	2.337	96	24368	16.602	ug/l	100
11) Methyl Iodide	2.465	142	33343	19.034	ug/l	100
12) Methyl Acetate	2.715	43	41260	22.468	ug/l	100
13) Acrolein	2.251	56	13684	43.350	ug/l	100
14) Acrylonitrile	3.075	53	64536	78.733	ug/l	100
15) Acetone	2.392	58	14635	67.367	ug/l	100
16) Carbon Disulfide	2.532	76	68876	16.507	ug/l	100
17) Allyl chloride	2.678	41	44732	16.299	ug/l	100
18) Methylene Chloride	2.806	84	27492	16.740	ug/l	100
19) trans-1,2-Dichloroethene	3.111	96	25402	17.055	ug/l	100
20) Diisopropyl ether	3.776	45	86462	16.458	ug/l	100
21) 1,1-Dichloroethane	3.629	63	49010	16.732	ug/l	100
22) cis-1,2-Dichloroethene	4.507	96	30268	16.984	ug/l	100
23) tert-Butyl Alcohol	2.959	59	12258	45.938	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	75763	15.953	ug/l	100
25) Chloroform	5.105	83	50765	17.781	ug/l	100
26) Cyclohexane	5.483	56	44838	16.632	ug/l #	100
29) 1,1-Dichloropropene	5.708	75	35945	18.824	ug/l	100
30) 2-Butanone	4.568	43	78333	74.462	ug/l	100
31) 2,2-Dichloropropane	4.495	77	30601	14.766	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	43830	18.885	ug/l	100
33) Carbon Tetrachloride	5.690	117	38777	19.649	ug/l	100
34) Benzene	6.050	78	104632	17.740	ug/l	100
35) Methacrylonitrile	4.940	41	18569	16.244	ug/l	100
36) 1,2-Dichloroethane	6.098	62	40595	19.638	ug/l	100
37) Trichloroethene	7.135	130	25550	18.401	ug/l	100
38) Methylcyclohexane	7.385	83	43701	17.255	ug/l	100
39) 1,2-Dichloropropane	7.433	63	25723	17.600	ug/l	100
40) Dibromomethane	7.592	93	19378	18.274	ug/l	100
41) Bromodichloromethane	7.824	83	40158	18.873	ug/l	100
42) Vinyl Acetate	3.733	43	302566	74.002	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046615.D
Acq On : 10 Jun 2025 20:40
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	32877m	16.308	ug/l	
44) Isopropyl Acetate	6.348	43	49958	15.182	ug/l	100
45) 1,4-Dioxane	7.665	88	6680	210.513	ug/l	100
46) Methyl methacrylate	7.702	41	28485	17.272	ug/l	100
47) n-amyl Acetate	10.841	43	39401	14.016	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	33109	16.357	ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	38153	16.782	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	24532	17.930	ug/l	100
51) Ethyl methacrylate	9.116	69	36066	16.690	ug/l	100
52) 1,3-Dichloropropane	9.311	76	43428	18.066	ug/l	100
53) Dibromochloromethane	9.525	129	28331	18.483	ug/l	100
54) 1,2-Dibromoethane	9.610	107	25214	18.026	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	99715	89.461	ug/l	100
56) Bromoform	10.799	173	17350	17.940	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	168105	80.064	ug/l	100
59) 2-Hexanone	9.433	43	119031	78.596	ug/l	100
61) Tetrachloroethene	9.275	164	21427	18.338	ug/l	100
62) Toluene	8.720	91	112826	17.967	ug/l	100
64) Chlorobenzene	10.079	112	70885	18.184	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	23888	18.443	ug/l	100
66) Ethyl Benzene	10.195	91	126701	18.282	ug/l	100
67) m/p-Xylenes	10.299	106	94670	36.954	ug/l	100
68) o-Xylene	10.640	106	45327	18.103	ug/l	100
69) Styrene	10.652	104	79010	18.701	ug/l	100
70) Isopropylbenzene	10.963	105	121135	18.592	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	36421	17.238	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	30060m	17.246	ug/l	
73) Bromobenzene	11.195	156	28085	18.679	ug/l	100
74) n-propylbenzene	11.305	91	146242	18.746	ug/l	100
75) 2-Chlorotoluene	11.360	91	87919	18.725	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	101937	18.912	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9358	15.786	ug/l	100
78) 4-Chlorotoluene	11.451	91	102991	19.447	ug/l	100
79) tert-butylbenzene	11.713	119	101208	18.685	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	100948	18.762	ug/l	100
81) sec-Butylbenzene	11.890	105	129718	18.971	ug/l	100
82) p-Isopropyltoluene	12.006	119	107112	19.247	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	53209	18.974	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	53974	19.383	ug/l	100
85) n-Butylbenzene	12.329	91	103405	20.005	ug/l	100
86) Hexachloroethane	12.536	117	17967	18.242	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	51572	18.834	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7234	17.392	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	33278	19.543	ug/l	100
90) Hexachlorobutadiene	13.719	225	14708	21.021	ug/l	100
91) Naphthalene	13.774	128	104308	17.854	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	32955	19.068	ug/l	100

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

ICAL Form

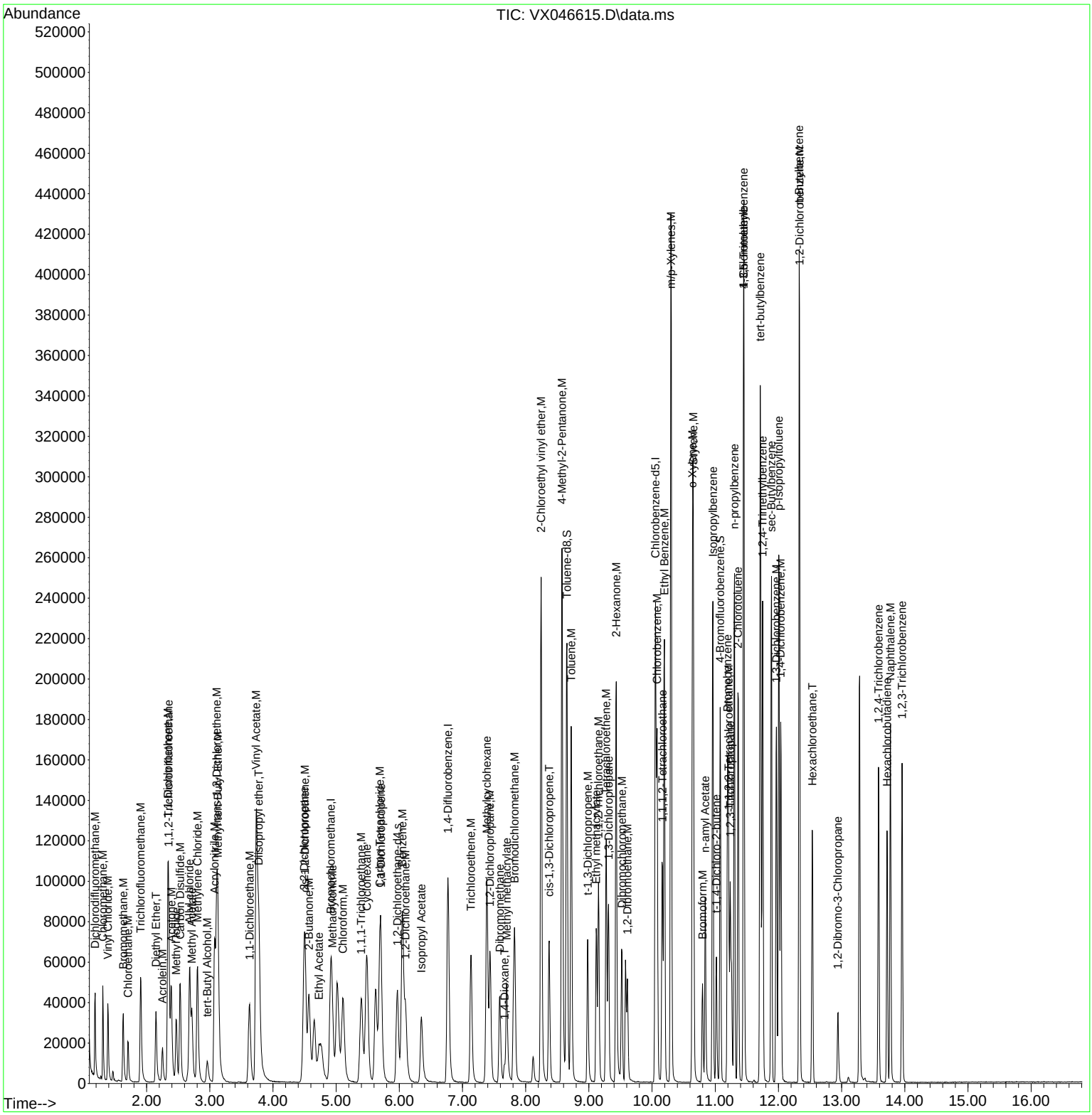
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046615.D
Acq On : 10 Jun 2025 20:40
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jun 11 05:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046616.D
Acq On : 10 Jun 2025 21:01
Operator : JC/MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:58:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	21014	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	108888	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102388	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	45397	22.933	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 76.433%#			
60) 4-Bromofluorobenzene	11.079	95	51686	27.535	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.800%			
63) Toluene-d8	8.653	98	133859	24.564	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 81.867%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	67152	39.278	ug/l	97
3) Chloromethane	1.307	50	67721	33.855	ug/l	97
4) Vinyl Chloride	1.386	62	65364	33.754	ug/l	99
5) Bromomethane	1.624	94	39531	52.308	ug/l	99
6) Chloroethane	1.703	64	38731	37.564	ug/l	100
7) Trichlorofluoromethane	1.904	101	90096	34.029	ug/l	100
8) Diethyl Ether	2.148	74	28989	29.408	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	59156	36.998	ug/l	97
10) 1,1-Dichloroethene	2.337	96	58166	37.425	ug/l	93
11) Methyl Iodide	2.471	142	82662	44.566	ug/l	99
12) Methyl Acetate	2.715	43	60732	31.234	ug/l	93
13) Acrolein	2.252	56	33095	99.015	ug/l	98
14) Acrylonitrile	3.075	53	145764	167.946	ug/l	100
15) Acetone	2.392	58	34647	150.621	ug/l	88
16) Carbon Disulfide	2.532	76	162583	36.799	ug/l	98
17) Allyl chloride	2.678	41	102544	35.288	ug/l	97
18) Methylene Chloride	2.806	84	63723	36.645	ug/l	99
19) trans-1,2-Dichloroethene	3.105	96	61492	38.991	ug/l	100
20) Diisopropyl ether	3.770	45	198220	35.634	ug/l	86
21) 1,1-Dichloroethane	3.629	63	112467	36.263	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	71470	37.873	ug/l	97
23) tert-Butyl Alcohol	2.959	59	29200	103.348	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	178920	35.579	ug/l	97
25) Chloroform	5.111	83	113621	37.584	ug/l	93
26) Cyclohexane	5.483	56	101516	35.563	ug/l #	95
29) 1,1-Dichloropropene	5.708	75	78147	39.321	ug/l	96
30) 2-Butanone	4.568	43	182756	166.916	ug/l	98
31) 2,2-Dichloropropane	4.489	77	71776	33.277	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	97388	40.317	ug/l	97
33) Carbon Tetrachloride	5.690	117	88852	43.258	ug/l	97
34) Benzene	6.050	78	237672	38.717	ug/l	97
35) Methacrylonitrile	4.928	41	46275	38.894	ug/l	98
36) 1,2-Dichloroethane	6.092	62	84980	39.499	ug/l	97
37) Trichloroethene	7.135	130	61466	42.532	ug/l	99
38) Methylcyclohexane	7.385	83	107594	40.817	ug/l	95
39) 1,2-Dichloropropane	7.434	63	60670	39.885	ug/l	96
40) Dibromomethane	7.586	93	44659	40.463	ug/l	98
41) Bromodichloromethane	7.824	83	91514	41.323	ug/l	96
42) Vinyl Acetate	3.733	43	813088	191.071	ug/l	97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046616.D
Acq On : 10 Jun 2025 21:01
Operator : JC/MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jun 11 05:58:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	4.727	43	76175	36.304	ug/l	#	88
44) Isopropyl Acetate	6.348	43	113962	33.274	ug/l		100
45) 1,4-Dioxane	7.659	88	15163	459.116	ug/l	#	93
46) Methyl methacrylate	7.696	41	65423	38.115	ug/l		96
47) n-amyl Acetate	10.842	43	123546	42.227	ug/l		98
48) t-1,3-Dichloropropene	8.976	75	83937	39.844	ug/l		100
49) cis-1,3-Dichloropropene	8.366	75	93527	39.526	ug/l		98
50) 1,1,2-Trichloroethane	9.153	97	58480	41.067	ug/l		93
51) Ethyl methacrylate	9.116	69	90255	40.129	ug/l		95
52) 1,3-Dichloropropane	9.311	76	101492	40.566	ug/l		99
53) Dibromochloromethane	9.519	129	70368	44.108	ug/l		99
54) 1,2-Dibromoethane	9.610	107	61792	42.444	ug/l		99
55) 2-Chloroethyl vinyl ether	8.244	63	242780	209.277	ug/l		98
56) Bromoform	10.799	173	43675	43.391	ug/l		98
58) 4-Methyl-2-Pentanone	8.574	43	385957	173.732	ug/l		98
59) 2-Hexanone	9.427	43	287325	179.309	ug/l		98
61) Tetrachloroethene	9.275	164	50960	41.220	ug/l		98
62) Toluene	8.720	91	263456	39.653	ug/l		100
64) Chlorobenzene	10.079	112	173096	41.967	ug/l		99
65) 1,1,1,2-Tetrachloroethane	10.165	131	59332	43.293	ug/l		98
66) Ethyl Benzene	10.195	91	310680	42.368	ug/l		99
67) m/p-Xylenes	10.299	106	232571	85.802	ug/l		97
68) o-Xylene	10.640	106	111285	42.006	ug/l		98
69) Styrene	10.653	104	189444	42.379	ug/l		98
70) Isopropylbenzene	10.963	105	297820	43.202	ug/l		100
71) 1,1,2,2-Tetrachloroethane	11.207	83	85664	38.320	ug/l		98
72) 1,2,3-Trichloropropane	11.238	75	72131m	39.112	ug/l		
73) Bromobenzene	11.195	156	68580	43.109	ug/l		98
74) n-propylbenzene	11.305	91	358912	43.482	ug/l		99
75) 2-Chlorotoluene	11.360	91	210797	42.431	ug/l		100
76) 1,3,5-Trimethylbenzene	11.451	105	246843	43.282	ug/l		100
77) t-1,4-Dichloro-2-butene	11.018	75	24547	39.135	ug/l		94
78) 4-Chlorotoluene	11.451	91	244058	43.554	ug/l		100
79) tert-butylbenzene	11.713	119	245096	42.765	ug/l		100
80) 1,2,4-Trimethylbenzene	11.750	105	242787	42.646	ug/l		99
81) sec-Butylbenzene	11.890	105	314122	43.418	ug/l		99
82) p-Isopropyltoluene	12.006	119	260529	44.246	ug/l		99
83) 1,3-Dichlorobenzene	11.969	146	128582	43.335	ug/l		98
84) 1,4-Dichlorobenzene	12.036	146	127142	43.154	ug/l		99
85) n-Butylbenzene	12.329	91	249335	45.589	ug/l		99
86) Hexachloroethane	12.536	117	44755	42.946	ug/l		98
87) 1,2-Dichlorobenzene	12.335	146	123006	42.457	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	18139	41.216	ug/l		99
89) 1,2,4-Trichlorobenzene	13.585	180	80770	44.831	ug/l		99
90) Hexachlorobutadiene	13.725	225	35663	48.174	ug/l		99
91) Naphthalene	13.774	128	261755	42.345	ug/l		99
92) 1,2,3-Trichlorobenzene	13.957	180	79158	43.289	ug/l		98

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

Quantitation Report (QT Reviewed)

ICAL Form

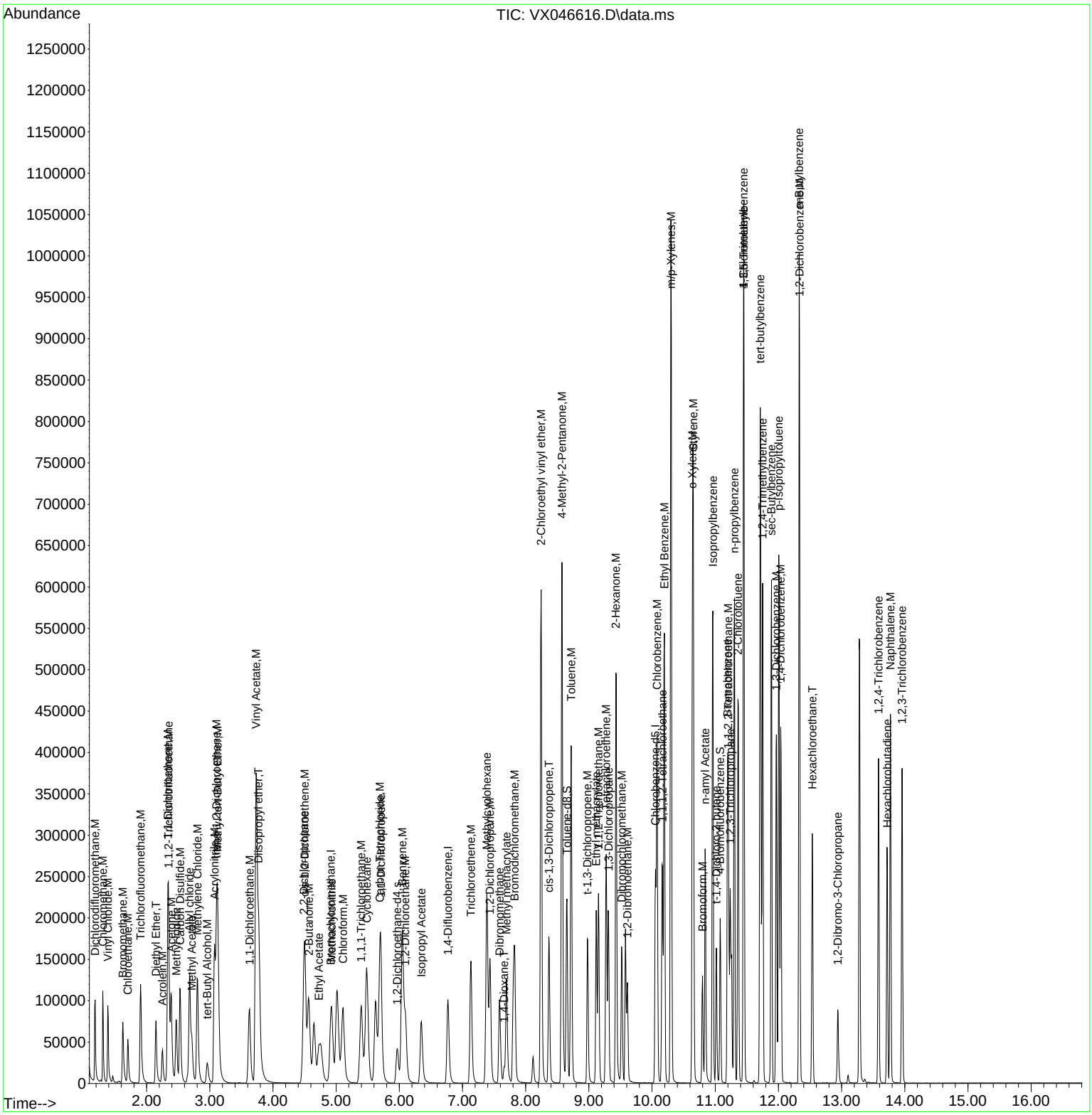
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046616.D
Acq On : 10 Jun 2025 21:01
Operator : JC/MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jun 11 05:58:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046617.D
Acq On : 10 Jun 2025 21:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:59:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.910	128	18480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	101087	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	90301	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	46278	26.584	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.600%#		
60) 4-Bromofluorobenzene	11.079	95	44924	27.136	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.467%		
63) Toluene-d8	8.653	98	121203	25.219	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	84.067%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	126953	84.439	ug/l	97
3) Chloromethane	1.307	50	127847	72.676	ug/l	97
4) Vinyl Chloride	1.386	62	125947	73.958	ug/l	98
5) Bromomethane	1.618	94	67188	101.096	ug/l	98
6) Chloroethane	1.697	64	71567	78.929	ug/l	98
7) Trichlorofluoromethane	1.904	101	182315	78.301	ug/l	100
8) Diethyl Ether	2.148	74	63050	72.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	118050	83.957	ug/l	99
10) 1,1-Dichloroethene	2.337	96	117733	86.139	ug/l	98
11) Methyl Iodide	2.465	142	162711	99.752	ug/l	99
12) Methyl Acetate	2.715	43	134440	78.621	ug/l	99
13) Acrolein	2.252	56	80516	273.923	ug/l	99
14) Acrylonitrile	3.075	53	303346	397.435	ug/l	100
15) Acetone	2.386	58	71106	351.507	ug/l	95
16) Carbon Disulfide	2.526	76	330142	84.972	ug/l	99
17) Allyl chloride	2.678	41	214540	83.951	ug/l	96
18) Methylene Chloride	2.800	84	124706	81.549	ug/l	96
19) trans-1,2-Dichloroethene	3.105	96	119413	86.099	ug/l	99
20) Diisopropyl ether	3.770	45	406048	83.005	ug/l	90
21) 1,1-Dichloroethane	3.623	63	227553	83.430	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	139255	83.913	ug/l	97
23) tert-Butyl Alcohol	2.965	59	64891	261.163	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	368205	83.260	ug/l	98
25) Chloroform	5.105	83	233034	87.654	ug/l	95
26) Cyclohexane	5.483	56	209782	83.567	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	163173	88.439	ug/l	98
30) 2-Butanone	4.562	43	375531	369.450	ug/l	99
31) 2,2-Dichloropropane	4.489	77	148694	74.259	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	206409	92.045	ug/l	98
33) Carbon Tetrachloride	5.690	117	182507	95.711	ug/l	99
34) Benzene	6.050	78	476940	83.690	ug/l	100
35) Methacrylonitrile	4.928	41	93603	84.745	ug/l	97
36) 1,2-Dichloroethane	6.092	62	180713	90.478	ug/l	99
37) Trichloroethene	7.129	130	118601	88.401	ug/l	90
38) Methylcyclohexane	7.385	83	210185	85.889	ug/l	96
39) 1,2-Dichloropropane	7.434	63	118552	83.951	ug/l	91
40) Dibromomethane	7.586	93	87518	85.415	ug/l	99
41) Bromodichloromethane	7.824	83	184639	89.807	ug/l #	97
42) Vinyl Acetate	3.733	43	1716533	434.505	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046617.D
Acq On : 10 Jun 2025 21:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 11 05:59:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Ethyl Acetate	4.721	43	161006m	82.655 ug/l		
44) Isopropyl Acetate	6.348	43	265905	83.629 ug/l		99
45) 1,4-Dioxane	7.659	88	30924	1008.598 ug/l	#	90
46) Methyl methacrylate	7.696	41	139613	87.615 ug/l		97
47) n-amyl Acetate	10.841	43	231600	85.267 ug/l		98
48) t-1,3-Dichloropropene	8.976	75	174247	89.095 ug/l		99
49) cis-1,3-Dichloropropene	8.366	75	190854	86.882 ug/l		99
50) 1,1,2-Trichloroethane	9.153	97	109109	82.533 ug/l		96
51) Ethyl methacrylate	9.116	69	180726	86.556 ug/l		96
52) 1,3-Dichloropropane	9.311	76	191705	82.538 ug/l		98
53) Dibromochloromethane	9.519	129	134118	90.555 ug/l		99
54) 1,2-Dibromoethane	9.610	107	116714	86.355 ug/l		100
55) 2-Chloroethyl vinyl ether	8.244	63	498407	462.783 ug/l		99
56) Bromoform	10.799	173	83888	89.774 ug/l		98
58) 4-Methyl-2-Pentanone	8.574	43	782773	399.516 ug/l		99
59) 2-Hexanone	9.427	43	549776	389.020 ug/l		98
61) Tetrachloroethene	9.275	164	93766	85.997 ug/l		98
62) Toluene	8.720	91	506147	86.377 ug/l		100
64) Chlorobenzene	10.079	112	321168	88.290 ug/l		99
65) 1,1,1,2-Tetrachloroethane	10.165	131	110074	91.070 ug/l		99
66) Ethyl Benzene	10.195	91	577722	89.331 ug/l		99
67) m/p-Xylenes	10.299	106	423852	177.301 ug/l		98
68) o-Xylene	10.640	106	203409	87.056 ug/l		99
69) Styrene	10.652	104	351137	89.064 ug/l		99
70) Isopropylbenzene	10.963	105	540361	88.877 ug/l		100
71) 1,1,2,2-Tetrachloroethane	11.213	83	154296	78.260 ug/l		99
72) 1,2,3-Trichloropropane	11.238	75	130638m	80.319 ug/l		
73) Bromobenzene	11.195	156	126288	90.009 ug/l		98
74) n-propylbenzene	11.305	91	651781	89.532 ug/l		100
75) 2-Chlorotoluene	11.366	91	384866	87.839 ug/l		100
76) 1,3,5-Trimethylbenzene	11.451	105	448179	89.103 ug/l		99
77) t-1,4-Dichloro-2-butene	11.018	75	49424	89.342 ug/l		88
78) 4-Chlorotoluene	11.451	91	443031	89.645 ug/l		99
79) tert-butylbenzene	11.713	119	452187	89.460 ug/l		99
80) 1,2,4-Trimethylbenzene	11.750	105	446143	88.856 ug/l		99
81) sec-Butylbenzene	11.890	105	569918	89.319 ug/l		100
82) p-Isopropyltoluene	12.006	119	470629	90.626 ug/l		99
83) 1,3-Dichlorobenzene	11.969	146	231179	88.341 ug/l		100
84) 1,4-Dichlorobenzene	12.036	146	230534	88.720 ug/l		98
85) n-Butylbenzene	12.329	91	451055	93.511 ug/l		98
86) Hexachloroethane	12.536	117	85307	92.816 ug/l		98
87) 1,2-Dichlorobenzene	12.335	146	222638	87.133 ug/l		99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	34992	90.153 ug/l		97
89) 1,2,4-Trichlorobenzene	13.585	180	155404	97.801 ug/l		98
90) Hexachlorobutadiene	13.725	225	64850	99.325 ug/l		97
91) Naphthalene	13.774	128	496416	91.055 ug/l		100
92) 1,2,3-Trichlorobenzene	13.957	180	151656	94.037 ug/l		100

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

ICAL Form

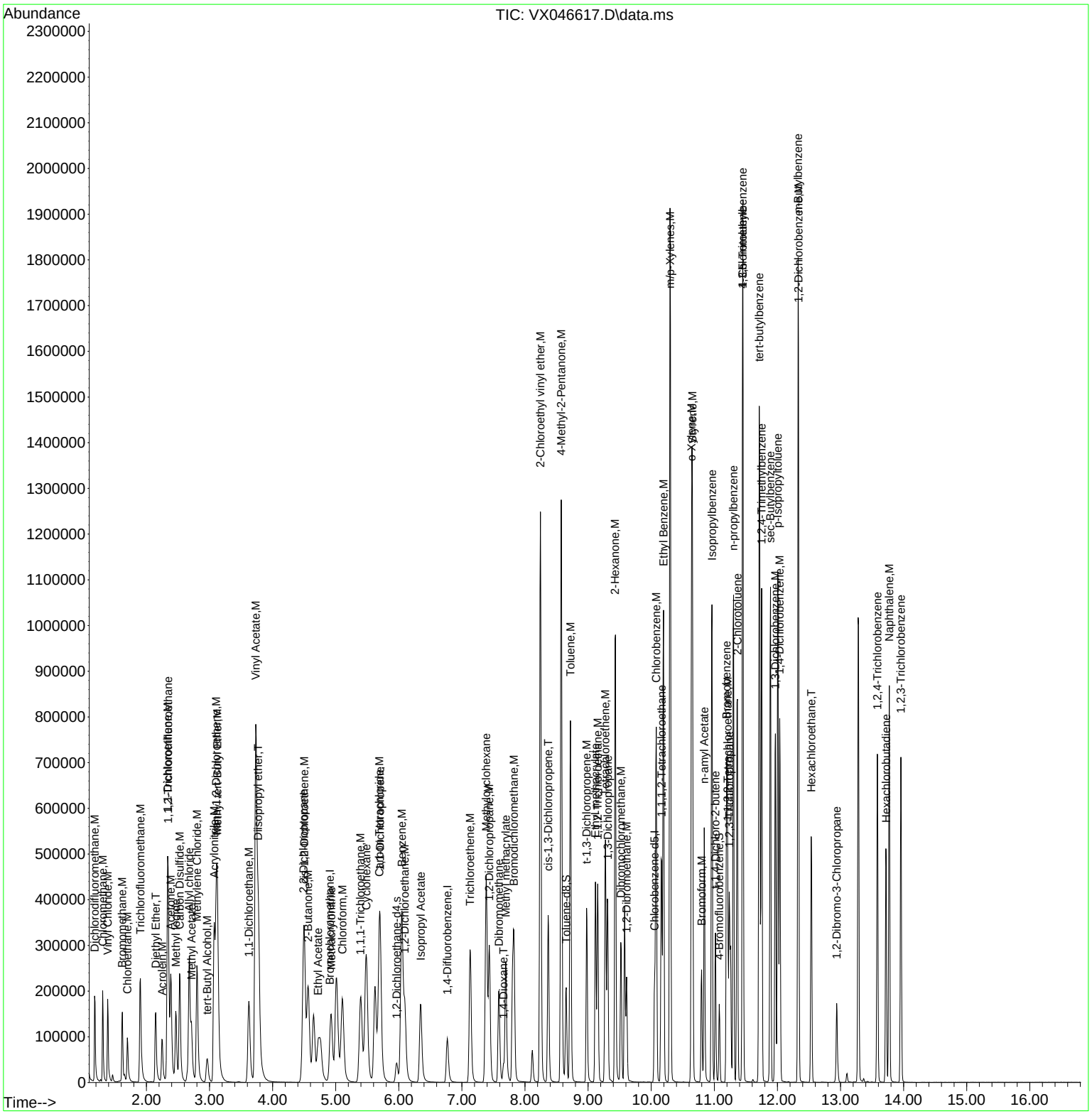
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046617.D
Acq On : 10 Jun 2025 21:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 11 05:59:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046618.D
Acq On : 10 Jun 2025 21:44
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 06:00:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.916	128	14285	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	79056	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	70233	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.964	65	35515	26.392	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 87.967%#				
60) 4-Bromofluorobenzene	11.079	95	35488	27.562	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.867%				
63) Toluene-d8	8.653	98	93932	25.129	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 83.767%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	128493	110.561	ug/l		96
3) Chloromethane	1.307	50	131817	96.938	ug/l		98
4) Vinyl Chloride	1.386	62	126578	96.157	ug/l		99
5) Bromomethane	1.618	94	70720	137.659	ug/l		98
6) Chloroethane	1.697	64	74708	106.589	ug/l		100
7) Trichlorofluoromethane	1.904	101	181942	101.088	ug/l		99
8) Diethyl Ether	2.148	74	66011	98.510	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.343	101	123494	113.620	ug/l		99
10) 1,1-Dichloroethene	2.337	96	120691	114.235	ug/l		96
11) Methyl Iodide	2.465	142	170109	134.912	ug/l		99
12) Methyl Acetate	2.715	43	132151	99.978	ug/l		100
13) Acrolein	2.252	56	78842	346.997	ug/l		100
14) Acrylonitrile	3.075	53	311908	528.659	ug/l		99
15) Acetone	2.386	58	71578	457.751	ug/l		97
16) Carbon Disulfide	2.526	76	345932	115.182	ug/l		100
17) Allyl chloride	2.678	41	223397	113.089	ug/l		97
18) Methylene Chloride	2.800	84	128528	108.730	ug/l		96
19) trans-1,2-Dichloroethene	3.105	96	123601	115.290	ug/l		99
20) Diisopropyl ether	3.770	45	418693	110.725	ug/l		88
21) 1,1-Dichloroethane	3.623	63	235079	111.501	ug/l		99
22) cis-1,2-Dichloroethene	4.501	96	144888	112.946	ug/l		98
23) tert-Butyl Alcohol	2.959	59	68721	357.798	ug/l	#	100
24) Methyl tert-Butyl Ether	3.123	73	376330	110.087	ug/l		98
25) Chloroform	5.105	83	238920	116.259	ug/l		96
26) Cyclohexane	5.483	56	214840	110.715	ug/l	#	97
29) 1,1-Dichloropropene	5.702	75	171308	118.723	ug/l		99
30) 2-Butanone	4.562	43	386857	486.654	ug/l		99
31) 2,2-Dichloropropane	4.489	77	154777	98.837	ug/l		99
32) 1,1,1-Trichloroethane	5.397	97	213130	121.528	ug/l		98
33) Carbon Tetrachloride	5.684	117	188561	126.443	ug/l		98
34) Benzene	6.050	78	491901	110.370	ug/l		99
35) Methacrylonitrile	4.934	41	96674	111.916	ug/l		98
36) 1,2-Dichloroethane	6.099	62	184658	118.218	ug/l		99
37) Trichloroethene	7.129	130	121885	116.166	ug/l		88
38) Methylcyclohexane	7.385	83	224529	117.319	ug/l		96
39) 1,2-Dichloropropane	7.434	63	124027	112.304	ug/l		92
40) Dibromomethane	7.586	93	90996	113.559	ug/l		99
41) Bromodichloromethane	7.824	83	189762	118.021	ug/l	#	97
42) Vinyl Acetate	3.733	43	1779960	576.121	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046618.D
Acq On : 10 Jun 2025 21:44
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 11 06:00:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	4.721	43	167022m	109.638	ug/l		
44) Isopropyl Acetate	6.342	43	275162	110.657	ug/l		99
45) 1,4-Dioxane	7.659	88	32186	1342.301	ug/l	#	91
46) Methyl methacrylate	7.696	41	144279	115.776	ug/l		97
47) n-amyl Acetate	10.842	43	242185	114.012	ug/l		97
48) t-1,3-Dichloropropene	8.976	75	182939	119.607	ug/l		99
49) cis-1,3-Dichloropropene	8.366	75	199663	116.222	ug/l		100
50) 1,1,2-Trichloroethane	9.153	97	114954	111.187	ug/l		96
51) Ethyl methacrylate	9.116	69	186954	114.491	ug/l		98
52) 1,3-Dichloropropane	9.311	76	200619	110.446	ug/l		98
53) Dibromochloromethane	9.519	129	139959	120.833	ug/l		98
54) 1,2-Dibromoethane	9.610	107	120053	113.580	ug/l		99
55) 2-Chloroethyl vinyl ether	8.244	63	381595	453.061	ug/l		99
56) Bromoform	10.799	173	87839	120.198	ug/l		99
58) 4-Methyl-2-Pentanone	8.574	43	802150	526.387	ug/l		99
59) 2-Hexanone	9.427	43	566900	515.756	ug/l		98
61) Tetrachloroethene	9.275	164	99513	117.346	ug/l		97
62) Toluene	8.720	91	523875	114.948	ug/l		100
64) Chlorobenzene	10.080	112	336208	118.833	ug/l		99
65) 1,1,1,2-Tetrachloroethane	10.165	131	114449	121.746	ug/l		99
66) Ethyl Benzene	10.195	91	597149	118.718	ug/l		99
67) m/p-Xylenes	10.299	106	439865	236.574	ug/l		98
68) o-Xylene	10.640	106	214100	117.814	ug/l		98
69) Styrene	10.653	104	366379	119.483	ug/l		99
70) Isopropylbenzene	10.964	105	566056	119.707	ug/l		100
71) 1,1,2,2-Tetrachloroethane	11.213	83	160113	104.414	ug/l		98
72) 1,2,3-Trichloropropane	11.238	75	136200m	107.666	ug/l		
73) Bromobenzene	11.195	156	131791	120.771	ug/l		98
74) n-propylbenzene	11.305	91	676405	119.463	ug/l		99
75) 2-Chlorotoluene	11.360	91	399989	117.375	ug/l		100
76) 1,3,5-Trimethylbenzene	11.451	105	463327	118.435	ug/l		99
77) t-1,4-Dichloro-2-butene	11.018	75	52534	122.099	ug/l		86
78) 4-Chlorotoluene	11.451	91	463836	120.673	ug/l		99
79) tert-butylbenzene	11.713	119	465227	118.339	ug/l		99
80) 1,2,4-Trimethylbenzene	11.750	105	462422	118.414	ug/l		99
81) sec-Butylbenzene	11.890	105	596540	120.205	ug/l		99
82) p-Isopropyltoluene	12.006	119	495558	122.693	ug/l		99
83) 1,3-Dichlorobenzene	11.969	146	242658	119.223	ug/l		99
84) 1,4-Dichlorobenzene	12.036	146	244059	120.762	ug/l		98
85) n-Butylbenzene	12.329	91	478218	127.471	ug/l		99
86) Hexachloroethane	12.536	117	87631	122.587	ug/l		96
87) 1,2-Dichlorobenzene	12.335	146	230502	115.987	ug/l		100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	35888	118.880	ug/l		98
89) 1,2,4-Trichlorobenzene	13.585	180	161569	130.735	ug/l		100
90) Hexachlorobutadiene	13.725	225	69903	137.656	ug/l		98
91) Naphthalene	13.774	128	521011	122.873	ug/l		100
92) 1,2,3-Trichlorobenzene	13.957	180	156655	124.892	ug/l		99

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

ICAL Form

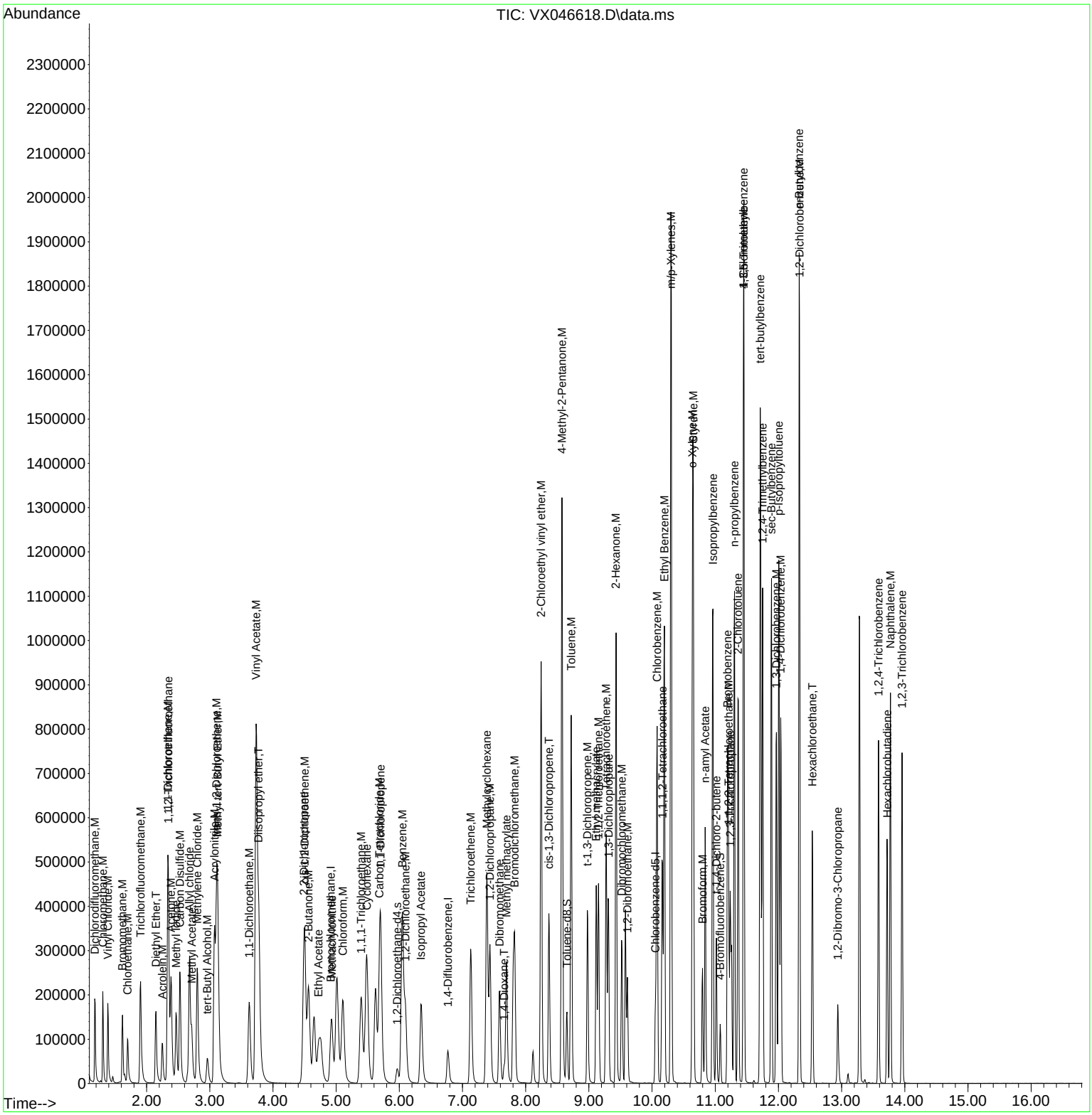
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046618.D
Acq On : 10 Jun 2025 21:44
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 11 06:00:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	19502	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	102720	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94298	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47044	29.800	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.333%			
60) 4-Bromofluorobenzene	11.079	95	47841	30.100	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.333%			
63) Toluene-d8	8.653	98	127505	30.271	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	23255	18.341	ug/l	95
3) Chloromethane	1.307	50	23695	18.139	ug/l	96
4) Vinyl Chloride	1.386	62	23516	18.673	ug/l	98
5) Bromomethane	1.630	94	16055	21.347	ug/l	97
6) Chloroethane	1.703	64	13014	17.987	ug/l	95
7) Trichlorofluoromethane	1.904	101	34019	18.859	ug/l	100
8) Diethyl Ether	2.148	74	11129	17.609	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	22388	18.654	ug/l	98
10) 1,1-Dichloroethene	2.337	96	21173	18.187	ug/l	93
11) Methyl Iodide	2.471	142	28540	17.981	ug/l	99
12) Methyl Acetate	2.715	43	23837	16.244	ug/l	95
13) Acrolein	2.252	56	15494	107.751	ug/l	98
14) Acrylonitrile	3.075	53	56070	92.978	ug/l	100
15) Acetone	2.386	58	13263	96.180	ug/l	93
16) Carbon Disulfide	2.532	76	61158	18.935	ug/l	99
17) Allyl chloride	2.678	41	38539	18.246	ug/l	97
18) Methylene Chloride	2.800	84	24288	18.904	ug/l	93
19) trans-1,2-Dichloroethene	3.111	96	22089	18.309	ug/l	98
20) Diisopropyl ether	3.770	45	77020	19.273	ug/l #	84
21) 1,1-Dichloroethane	3.629	63	42965	18.765	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	26042	18.515	ug/l	97
23) tert-Butyl Alcohol	2.959	59	10713m	87.957	ug/l	
24) Methyl tert-Butyl Ether	3.123	73	67674	19.029	ug/l	99
25) Chloroform	5.111	83	44938	19.068	ug/l	94
26) Cyclohexane	5.483	56	40470	19.372	ug/l #	99
29) 1,1-Dichloropropene	5.702	75	31429	19.447	ug/l	99
30) 2-Butanone	4.568	43	69729	96.829	ug/l	99
31) 2,2-Dichloropropane	4.489	77	26066	18.167	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	38918	19.489	ug/l	98
33) Carbon Tetrachloride	5.690	117	34697	19.577	ug/l	95
34) Benzene	6.050	78	91082	19.182	ug/l	100
35) Methacrylonitrile	4.934	41	16567	18.761	ug/l	97
36) 1,2-Dichloroethane	6.092	62	35133	19.556	ug/l	100
37) Trichloroethene	7.135	130	22786	19.124	ug/l	93
38) Methylcyclohexane	7.385	83	39592	19.300	ug/l	98
39) 1,2-Dichloropropane	7.434	63	22488	18.986	ug/l	93
40) Dibromomethane	7.586	93	17216	19.442	ug/l	99
41) Bromodichloromethane	7.824	83	35030	19.418	ug/l #	97
42) Vinyl Acetate	3.733	43	311920	100.381	ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.727	43	30123	19.747 ug/l #	91
44) Isopropyl Acetate	6.348	43	47093	19.737 ug/l	99
45) 1,4-Dioxane	7.659	88	6089	404.565 ug/l #	90
46) Methyl methacrylate	7.702	41	25547	19.609 ug/l	97
47) n-amyl Acetate	10.842	43	41994	19.676 ug/l	100
48) t-1,3-Dichloropropene	8.982	75	29793	18.423 ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	35002	19.386 ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	21725	19.467 ug/l	98
51) Ethyl methacrylate	9.116	69	32296	19.032 ug/l	98
52) 1,3-Dichloropropane	9.311	76	37211	19.143 ug/l	96
53) Dibromochloromethane	9.519	129	25255	19.199 ug/l	99
54) 1,2-Dibromoethane	9.610	107	22587	19.241 ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	88573	99.945 ug/l	100
56) Bromoform	10.799	173	15704	19.319 ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	151408	98.710 ug/l	99
59) 2-Hexanone	9.433	43	105767	97.744 ug/l	98
61) Tetrachloroethene	9.275	164	19049	19.275 ug/l	99
62) Toluene	8.720	91	99135	19.399 ug/l	99
64) Chlorobenzene	10.079	112	63797	19.355 ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	21209	19.199 ug/l	98
66) Ethyl Benzene	10.195	91	112742	19.321 ug/l	99
67) m/p-Xylenes	10.299	106	84228	39.025 ug/l	100
68) o-Xylene	10.640	106	41009	19.734 ug/l	97
69) Styrene	10.653	104	69270	19.447 ug/l	98
70) Isopropylbenzene	10.963	105	109015	19.548 ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	32028	19.550 ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	26343m	19.261 ug/l	
73) Bromobenzene	11.195	156	25200	19.277 ug/l	99
74) n-propylbenzene	11.305	91	132000	19.794 ug/l	100
75) 2-Chlorotoluene	11.360	91	78088	19.560 ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	91935	19.841 ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	8334	18.038 ug/l	94
78) 4-Chlorotoluene	11.451	91	92213	19.964 ug/l	99
79) tert-butylbenzene	11.713	119	91390	19.777 ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	91018	19.890 ug/l	99
81) sec-Butylbenzene	11.890	105	115967	19.611 ug/l	100
82) p-Isopropyltoluene	12.006	119	96508	19.884 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47835	19.658 ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	48644	19.878 ug/l	99
85) n-Butylbenzene	12.329	91	92530	19.790 ug/l	99
86) Hexachloroethane	12.536	117	16219	19.242 ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	46237	19.751 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6474	19.157 ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	30504	19.764 ug/l	99
90) Hexachlorobutadiene	13.725	225	13613	20.031 ug/l	97
91) Naphthalene	13.774	128	94364	19.272 ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	29352	19.375 ug/l	100

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

ICAL Form

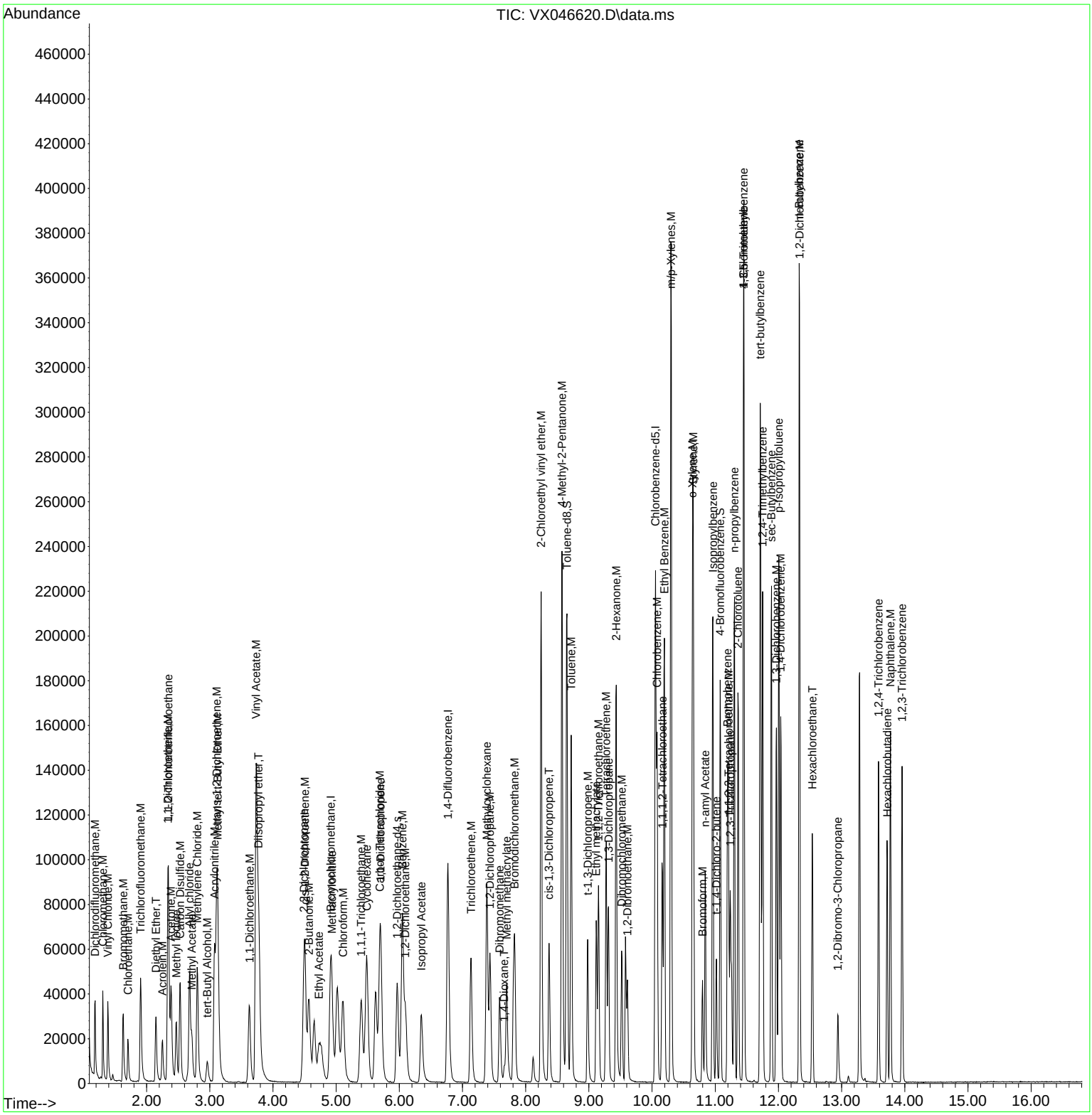
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	98	0.00
2	M	Dichlorodifluoromethane	1.950	1.789	8.3	86	0.00
3	M	Chloromethane	2.010	1.823	9.3	84	0.00
4	M	Vinyl Chloride	1.937	1.809	6.6	87	0.00
5	M	Bromomethane	1.157	1.235	-6.7	95	0.00
6	M	Chloroethane	1.113	1.001	10.1	89	0.00
7	M	Trichlorofluoromethane	2.775	2.617	5.7	87	0.00
8	T	Diethyl Ether	0.972	0.856	11.9	81	0.00
9		1,1,2-Trichlorotrifluoroeth	1.846	1.722	6.7	87	0.00
10	M	1,1-Dichloroethene	1.791	1.629	9.0	87	0.00
11		Methyl Iodide	2.442	2.195	10.1	86	0.00
12		Methyl Acetate	2.257	1.833	18.8	58	0.00
13	M	Acrolein	0.221	0.238	-7.7	113	0.00
14	M	Acrylonitrile	0.928	0.863	7.0	87	0.00
15	M	Acetone	0.212	0.204	3.8	91	0.00
16	M	Carbon Disulfide	4.969	4.704	5.3	89	0.00
17		Allyl chloride	3.249	2.964	8.8	86	0.00
18	M	Methylene Chloride	1.976	1.868	5.5	88	0.00
19	M	trans-1,2-Dichloroethene	1.856	1.699	8.5	87	0.00
20	T	Diisopropyl ether	6.147	5.924	3.6	89	0.00
21	M	1,1-Dichloroethane	3.522	3.305	6.2	88	0.00
22	M	cis-1,2-Dichloroethene	2.164	2.003	7.4	86	0.00
23	M	tert-Butyl Alcohol	0.187	0.165	11.8	87	0.00
24	M	Methyl tert-Butyl Ether	5.471	5.205	4.9	89	0.00
25	M	Chloroform	3.625	3.456	4.7	89	0.00
26		Cyclohexane	3.214	3.113	3.1	90	0.00
27	s	1,2-Dichloroethane-d4	2.428	2.412	0.7	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29		1,1-Dichloropropene	0.472	0.459	2.8	87	0.00
30	M	2-Butanone	0.210	0.204	2.9	89	0.00
31		2,2-Dichloropropane	0.419	0.381	9.1	85	0.00
32	M	1,1,1-Trichloroethane	0.583	0.568	2.6	89	0.00
33	M	Carbon Tetrachloride	0.518	0.507	2.1	89	0.00
34	M	Benzene	1.387	1.330	4.1	87	0.00
35		Methacrylonitrile	0.258	0.242	6.2	89	0.00
36	M	1,2-Dichloroethane	0.525	0.513	2.3	87	0.00
37	M	Trichloroethene	0.348	0.333	4.3	89	0.00
38		Methylcyclohexane	0.599	0.578	3.5	91	0.00
39	M	1,2-Dichloropropane	0.346	0.328	5.2	87	0.00
40		Dibromomethane	0.259	0.251	3.1	89	0.00
41	M	Bromodichloromethane	0.527	0.512	2.8	87	0.00
42	M	Vinyl Acetate	0.908	0.911	-0.3	103	0.00
43		Ethyl Acetate	0.446	0.440	1.3	92	0.00
44		Isopropyl Acetate	0.697	0.688	1.3	94	0.00
45	T	1,4-Dioxane	0.004	0.004	0.0	91	0.00
46		Methyl methacrylate	0.380	0.373	1.8	90	0.00
47		n-amyl Acetate	0.623	0.613	1.6	107	0.00
48	M	t-1,3-Dichloropropene	0.472	0.435	7.8	90	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	0.527	0.511	3.0	92	0.00
50	M	1,1,2-Trichloroethane	0.326	0.317	2.8	89	0.00
51		Ethyl methacrylate	0.496	0.472	4.8	90	0.00
52		1,3-Dichloropropane	0.568	0.543	4.4	86	0.00
53	M	Dibromochloromethane	0.384	0.369	3.9	89	0.00
54	M	1,2-Dibromoethane	0.343	0.330	3.8	90	0.00
55	M	2-Chloroethyl vinyl ether	0.259	0.259	0.0	89	0.00
56	M	Bromoform	0.237	0.229	3.4	91	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	0.488	0.482	1.2	90	0.00
59	M	2-Hexanone	0.344	0.336	2.3	89	0.00
60	S	4-Bromofluorobenzene	0.506	0.507	-0.2	98	0.00
61	M	Tetrachloroethene	0.314	0.303	3.5	89	0.00
62	M	Toluene	1.626	1.577	3.0	88	0.00
63	S	Toluene-d8	1.340	1.352	-0.9	97	0.00
64	M	Chlorobenzene	1.049	1.015	3.2	90	0.00
65		1,1,1,2-Tetrachloroethane	0.351	0.337	4.0	89	0.00
66	M	Ethyl Benzene	1.856	1.793	3.4	89	0.00
67	M	m/p-Xylenes	0.687	0.670	2.5	89	0.00
68	M	o-Xylene	0.661	0.652	1.4	90	0.00
69	M	Styrene	1.133	1.102	2.7	88	0.00
70		Isopropylbenzene	1.774	1.734	2.3	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.521	0.509	2.3	88	0.00
72		1,2,3-Trichloropropane	0.435	0.419	3.7	88	0.00
73		Bromobenzene	0.416	0.401	3.6	90	0.00
74		n-propylbenzene	2.122	2.100	1.0	90	0.00
75		2-Chlorotoluene	1.270	1.242	2.2	89	0.00
76		1,3,5-Trimethylbenzene	1.474	1.462	0.8	90	0.00
77		t-1,4-Dichloro-2-butene	0.147	0.133	9.5	89	0.00
78		4-Chlorotoluene	1.469	1.467	0.1	90	0.00
79		tert-butylbenzene	1.470	1.454	1.1	90	0.00
80		1,2,4-Trimethylbenzene	1.456	1.448	0.5	90	0.00
81		sec-Butylbenzene	1.881	1.845	1.9	89	0.00
82		p-Isopropyltoluene	1.544	1.535	0.6	90	0.00
83	M	1,3-Dichlorobenzene	0.774	0.761	1.7	90	0.00
84	M	1,4-Dichlorobenzene	0.779	0.774	0.6	90	0.00
85		n-Butylbenzene	1.488	1.472	1.1	89	0.00
86	T	Hexachloroethane	0.268	0.258	3.7	90	0.00
87	M	1,2-Dichlorobenzene	0.745	0.735	1.3	90	0.00
88		1,2-Dibromo-3-Chloropropane	0.108	0.103	4.6	89	0.00
89		1,2,4-Trichlorobenzene	0.491	0.485	1.2	92	0.00
90		Hexachlorobutadiene	0.216	0.217	-0.5	93	0.00
91	M	Naphthalene	1.558	1.501	3.7	90	0.00
92		1,2,3-Trichlorobenzene	0.482	0.467	3.1	89	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\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	98	0.00
2	M	Dichlorodifluoromethane	20.000	18.341	8.3	86	0.00
3	M	Chloromethane	20.000	18.139	9.3	84	0.00
4	M	Vinyl Chloride	20.000	18.673	6.6	87	0.00
5	M	Bromomethane	20.000	21.347	-6.7	95	0.00
6	M	Chloroethane	20.000	17.987	10.1	89	0.00
7	M	Trichlorofluoromethane	20.000	18.859	5.7	87	0.00
8	T	Diethyl Ether	20.000	17.609	12.0	81	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.654	6.7	87	0.00
10	M	1,1-Dichloroethene	20.000	18.187	9.1	87	0.00
11		Methyl Iodide	20.000	17.981	10.1	86	0.00
12		Methyl Acetate	20.000	16.244	18.8	58	0.00
13	M	Acrolein	100.000	107.751	-7.8	113	0.00
14	M	Acrylonitrile	100.000	92.978	7.0	87	0.00
15	M	Acetone	100.000	96.180	3.8	91	0.00
16	M	Carbon Disulfide	20.000	18.935	5.3	89	0.00
17		Allyl chloride	20.000	18.246	8.8	86	0.00
18	M	Methylene Chloride	20.000	18.904	5.5	88	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.309	8.5	87	0.00
20	T	Diisopropyl ether	20.000	19.273	3.6	89	0.00
21	M	1,1-Dichloroethane	20.000	18.765	6.2	88	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.515	7.4	86	0.00
23	M	tert-Butyl Alcohol	100.000	87.957	12.0	87	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.029	4.9	89	0.00
25	M	Chloroform	20.000	19.068	4.7	89	0.00
26		Cyclohexane	20.000	19.372	3.1	90	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.800	0.7	97	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29		1,1-Dichloropropene	20.000	19.447	2.8	87	0.00
30	M	2-Butanone	100.000	96.829	3.2	89	0.00
31		2,2-Dichloropropane	20.000	18.167	9.2	85	0.00
32	M	1,1,1-Trichloroethane	20.000	19.489	2.6	89	0.00
33	M	Carbon Tetrachloride	20.000	19.577	2.1	89	0.00
34	M	Benzene	20.000	19.182	4.1	87	0.00
35		Methacrylonitrile	20.000	18.761	6.2	89	0.00
36	M	1,2-Dichloroethane	20.000	19.556	2.2	87	0.00
37	M	Trichloroethene	20.000	19.124	4.4	89	0.00
38		Methylcyclohexane	20.000	19.300	3.5	91	0.00
39	M	1,2-Dichloropropane	20.000	18.986	5.1	87	0.00
40		Dibromomethane	20.000	19.442	2.8	89	0.00
41	M	Bromodichloromethane	20.000	19.418	2.9	87	0.00
42	M	Vinyl Acetate	100.000	100.381	-0.4	103	0.00
43		Ethyl Acetate	20.000	19.747	1.3	92	0.00
44		Isopropyl Acetate	20.000	19.737	1.3	94	0.00
45	T	1,4-Dioxane	400.000	404.565	-1.1	91	0.00
46		Methyl methacrylate	20.000	19.609	2.0	90	0.00
47		n-amyl Acetate	20.000	19.676	1.6	107	0.00
48	M	t-1,3-Dichloropropene	20.000	18.423	7.9	90	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046620.D
Acq On : 10 Jun 2025 22:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061025

Quant Time: Jun 11 06:31:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	19.386	3.1	92	0.00
50	M	1,1,2-Trichloroethane	20.000	19.467	2.7	89	0.00
51		Ethyl methacrylate	20.000	19.032	4.8	90	0.00
52		1,3-Dichloropropane	20.000	19.143	4.3	86	0.00
53	M	Dibromochloromethane	20.000	19.199	4.0	89	0.00
54	M	1,2-Dibromoethane	20.000	19.241	3.8	90	0.00
55	M	2-Chloroethyl vinyl ether	100.000	99.945	0.1	89	0.00
56	M	Bromoform	20.000	19.319	3.4	91	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	100.000	98.710	1.3	90	0.00
59	M	2-Hexanone	100.000	97.744	2.3	89	0.00
60	S	4-Bromofluorobenzene	30.000	30.100	-0.3	98	0.00
61	M	Tetrachloroethene	20.000	19.275	3.6	89	0.00
62	M	Toluene	20.000	19.399	3.0	88	0.00
63	S	Toluene-d8	30.000	30.271	-0.9	97	0.00
64	M	Chlorobenzene	20.000	19.355	3.2	90	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.199	4.0	89	0.00
66	M	Ethyl Benzene	20.000	19.321	3.4	89	0.00
67	M	m/p-Xylenes	40.000	39.025	2.4	89	0.00
68	M	o-Xylene	20.000	19.734	1.3	90	0.00
69	M	Styrene	20.000	19.447	2.8	88	0.00
70		Isopropylbenzene	20.000	19.548	2.3	90	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.550	2.2	88	0.00
72		1,2,3-Trichloropropane	20.000	19.261	3.7	88	0.00
73		Bromobenzene	20.000	19.277	3.6	90	0.00
74		n-propylbenzene	20.000	19.794	1.0	90	0.00
75		2-Chlorotoluene	20.000	19.560	2.2	89	0.00
76		1,3,5-Trimethylbenzene	20.000	19.841	0.8	90	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.038	9.8	89	0.00
78		4-Chlorotoluene	20.000	19.964	0.2	90	0.00
79		tert-butylbenzene	20.000	19.777	1.1	90	0.00
80		1,2,4-Trimethylbenzene	20.000	19.890	0.5	90	0.00
81		sec-Butylbenzene	20.000	19.611	1.9	89	0.00
82		p-Isopropyltoluene	20.000	19.884	0.6	90	0.00
83	M	1,3-Dichlorobenzene	20.000	19.658	1.7	90	0.00
84	M	1,4-Dichlorobenzene	20.000	19.878	0.6	90	0.00
85		n-Butylbenzene	20.000	19.790	1.1	89	0.00
86	T	Hexachloroethane	20.000	19.242	3.8	90	0.00
87	M	1,2-Dichlorobenzene	20.000	19.751	1.2	90	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.157	4.2	89	0.00
89		1,2,4-Trichlorobenzene	20.000	19.764	1.2	92	0.00
90		Hexachlorobutadiene	20.000	20.031	-0.2	93	0.00
91	M	Naphthalene	20.000	19.272	3.6	90	0.00
92		1,2,3-Trichlorobenzene	20.000	19.375	3.1	89	0.00

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

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.: Q2203 SAS No.: Q2203 SDG No.: Q2203

Instrument ID: MSVOA_X Calibration Date/Time: 06/10/2025 20:40

Lab File ID: VX046615.D Init. Calib. Date(s): 06/10/2025 06/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 20:19 21:44

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.387	1.500		8.15	
Toluene	1.626	1.749		7.57	
Ethyl Benzene	1.856	1.964		5.82	
m/p-Xylenes	0.687	0.734		6.84	
o-Xylene	0.661	0.703		6.35	
1,2-Dichloroethane-d4	2.428	2.442		0.58	
Toluene-d8	1.340	1.354		1.04	
4-Bromofluorobenzene	0.506	0.506		0	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046615.D
Acq On : 10 Jun 2025 20:40
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jun 11 05:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	19846	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	104620	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	96769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	48470	25.927	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 86.433%#			
60) 4-Bromofluorobenzene	11.079	95	48951	27.592	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.967%			
63) Toluene-d8	8.653	98	131066	25.448	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 84.833%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	26946	16.689	ug/l	100
3) Chloromethane	1.307	50	28042	14.844	ug/l	100
4) Vinyl Chloride	1.386	62	26978	14.752	ug/l	100
5) Bromomethane	1.630	94	16981	23.792	ug/l	100
6) Chloroethane	1.703	64	14658	15.053	ug/l	100
7) Trichlorofluoromethane	1.904	101	39293	15.714	ug/l	100
8) Diethyl Ether	2.148	74	13681	14.696	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	25658	16.992	ug/l	100
10) 1,1-Dichloroethene	2.337	96	24368	16.602	ug/l	100
11) Methyl Iodide	2.465	142	33343	19.034	ug/l	100
12) Methyl Acetate	2.715	43	41260	22.468	ug/l	100
13) Acrolein	2.251	56	13684	43.350	ug/l	100
14) Acrylonitrile	3.075	53	64536	78.733	ug/l	100
15) Acetone	2.392	58	14635	67.367	ug/l	100
16) Carbon Disulfide	2.532	76	68876	16.507	ug/l	100
17) Allyl chloride	2.678	41	44732	16.299	ug/l	100
18) Methylene Chloride	2.806	84	27492	16.740	ug/l	100
19) trans-1,2-Dichloroethene	3.111	96	25402	17.055	ug/l	100
20) Diisopropyl ether	3.776	45	86462	16.458	ug/l	100
21) 1,1-Dichloroethane	3.629	63	49010	16.732	ug/l	100
22) cis-1,2-Dichloroethene	4.507	96	30268	16.984	ug/l	100
23) tert-Butyl Alcohol	2.959	59	12258	45.938	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	75763	15.953	ug/l	100
25) Chloroform	5.105	83	50765	17.781	ug/l	100
26) Cyclohexane	5.483	56	44838	16.632	ug/l #	100
29) 1,1-Dichloropropene	5.708	75	35945	18.824	ug/l	100
30) 2-Butanone	4.568	43	78333	74.462	ug/l	100
31) 2,2-Dichloropropane	4.495	77	30601	14.766	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	43830	18.885	ug/l	100
33) Carbon Tetrachloride	5.690	117	38777	19.649	ug/l	100
34) Benzene	6.050	78	104632	17.740	ug/l	100
35) Methacrylonitrile	4.940	41	18569	16.244	ug/l	100
36) 1,2-Dichloroethane	6.098	62	40595	19.638	ug/l	100
37) Trichloroethene	7.135	130	25550	18.401	ug/l	100
38) Methylcyclohexane	7.385	83	43701	17.255	ug/l	100
39) 1,2-Dichloropropane	7.433	63	25723	17.600	ug/l	100
40) Dibromomethane	7.592	93	19378	18.274	ug/l	100
41) Bromodichloromethane	7.824	83	40158	18.873	ug/l	100
42) Vinyl Acetate	3.733	43	302566	74.002	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046615.D
Acq On : 10 Jun 2025 20:40
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jun 11 05:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	32877m	16.308	ug/l	
44) Isopropyl Acetate	6.348	43	49958	15.182	ug/l	100
45) 1,4-Dioxane	7.665	88	6680	210.513	ug/l	100
46) Methyl methacrylate	7.702	41	28485	17.272	ug/l	100
47) n-amyl Acetate	10.841	43	39401	14.016	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	33109	16.357	ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	38153	16.782	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	24532	17.930	ug/l	100
51) Ethyl methacrylate	9.116	69	36066	16.690	ug/l	100
52) 1,3-Dichloropropane	9.311	76	43428	18.066	ug/l	100
53) Dibromochloromethane	9.525	129	28331	18.483	ug/l	100
54) 1,2-Dibromoethane	9.610	107	25214	18.026	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	99715	89.461	ug/l	100
56) Bromoform	10.799	173	17350	17.940	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	168105	80.064	ug/l	100
59) 2-Hexanone	9.433	43	119031	78.596	ug/l	100
61) Tetrachloroethene	9.275	164	21427	18.338	ug/l	100
62) Toluene	8.720	91	112826	17.967	ug/l	100
64) Chlorobenzene	10.079	112	70885	18.184	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	23888	18.443	ug/l	100
66) Ethyl Benzene	10.195	91	126701	18.282	ug/l	100
67) m/p-Xylenes	10.299	106	94670	36.954	ug/l	100
68) o-Xylene	10.640	106	45327	18.103	ug/l	100
69) Styrene	10.652	104	79010	18.701	ug/l	100
70) Isopropylbenzene	10.963	105	121135	18.592	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	36421	17.238	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	30060m	17.246	ug/l	
73) Bromobenzene	11.195	156	28085	18.679	ug/l	100
74) n-propylbenzene	11.305	91	146242	18.746	ug/l	100
75) 2-Chlorotoluene	11.360	91	87919	18.725	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	101937	18.912	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9358	15.786	ug/l	100
78) 4-Chlorotoluene	11.451	91	102991	19.447	ug/l	100
79) tert-butylbenzene	11.713	119	101208	18.685	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	100948	18.762	ug/l	100
81) sec-Butylbenzene	11.890	105	129718	18.971	ug/l	100
82) p-Isopropyltoluene	12.006	119	107112	19.247	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	53209	18.974	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	53974	19.383	ug/l	100
85) n-Butylbenzene	12.329	91	103405	20.005	ug/l	100
86) Hexachloroethane	12.536	117	17967	18.242	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	51572	18.834	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7234	17.392	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	33278	19.543	ug/l	100
90) Hexachlorobutadiene	13.719	225	14708	21.021	ug/l	100
91) Naphthalene	13.774	128	104308	17.854	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	32955	19.068	ug/l	100

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

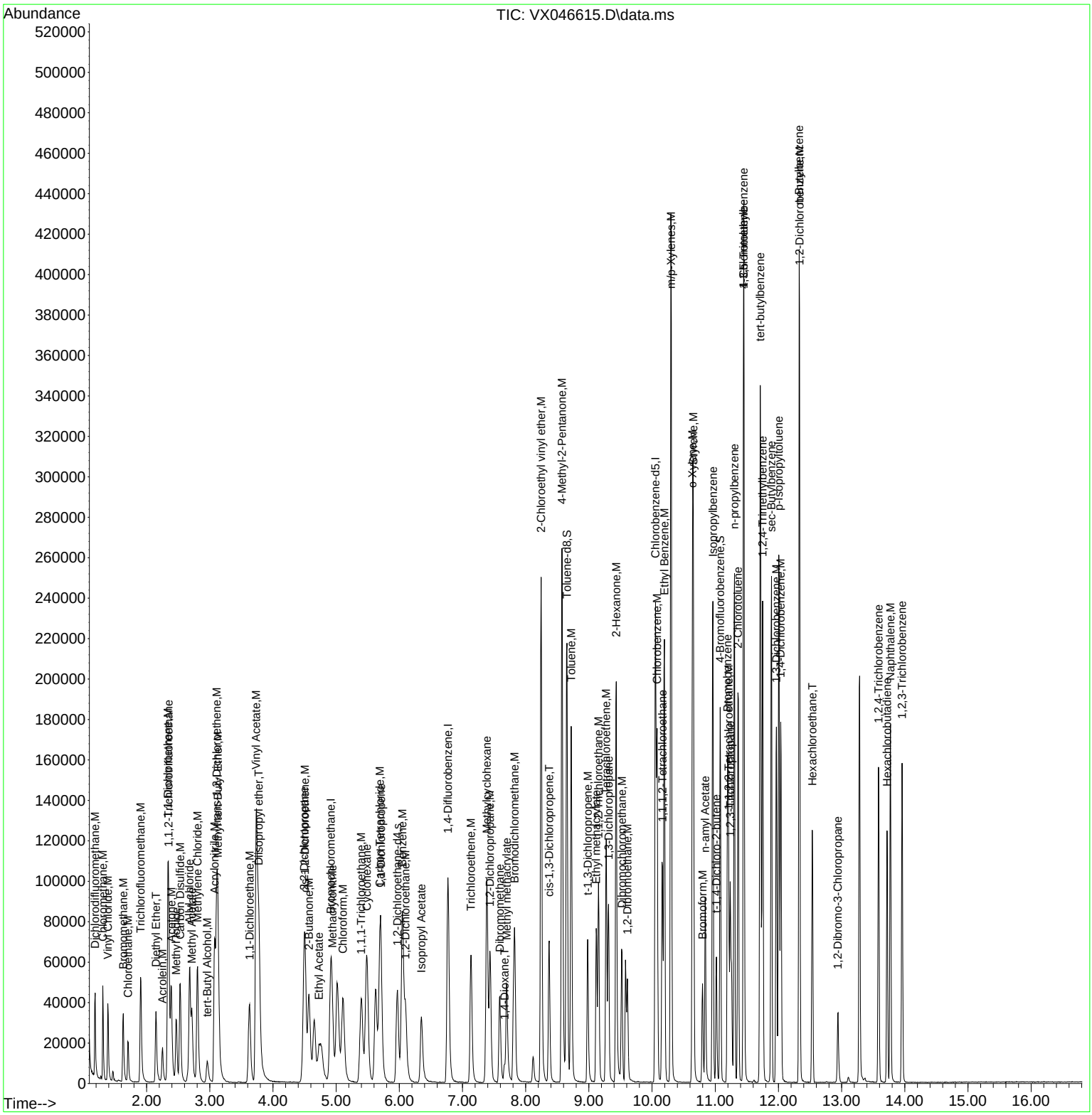
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046615.D
Acq On : 10 Jun 2025 20:40
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jun 11 05:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 05:53:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Raw Data: **VX046628.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.: Q2203 SAS No.: Q2203 SDG No.: Q2203

Instrument ID: MSVOA_X Calibration Date/Time: 06/11/2025 11:12

Lab File ID: VX046628.D Init. Calib. Date(s): 06/10/2025 06/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 20:19 21:44

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.387	1.393	0.5	0.43	
Toluene	1.626	1.647	0.4	1.29	
Ethyl Benzene	1.856	1.841	0.1	-0.81	
m/p-Xylenes	0.687	0.689	0.3	0.29	
o-Xylene	0.661	0.658	0.3	-0.45	
1,2-Dichloroethane-d4	2.428	2.484	0.01	2.31	
Toluene-d8	1.340	1.361	0.01	1.57	
4-Bromofluorobenzene	0.506	0.516	0.2	1.98	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone
06/12/2025
Supervised By :Mahesh Dadoda
06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.910	128	20635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	110776	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99656	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	51255	30.685	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.300%			
60) 4-Bromofluorobenzene	11.079	95	51455	30.633	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.100%			
63) Toluene-d8	8.647	98	135584	30.459	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	28077	20.929	ug/l	96
3) Chloromethane	1.307	50	25877	18.721	ug/l	95
4) Vinyl Chloride	1.386	62	26255	19.703	ug/l	99
5) Bromomethane	1.630	94	11390	14.313	ug/l	96
6) Chloroethane	1.703	64	14607	19.080	ug/l	96
7) Trichlorofluoromethane	1.904	101	39076	20.473	ug/l	99
8) Diethyl Ether	2.148	74	12999	19.438	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	25456	20.046	ug/l	99
10) 1,1-Dichloroethene	2.337	96	23957	19.448	ug/l	94
11) Methyl Iodide	2.465	142	22855	13.609	ug/l	99
12) Methyl Acetate	2.715	43	24983	16.090	ug/l	97
13) Acrolein	2.251	56	15250	100.231	ug/l	96
14) Acrylonitrile	3.075	53	59285	92.911	ug/l	98
15) Acetone	2.386	58	14193	97.272	ug/l	89
16) Carbon Disulfide	2.526	76	70029	20.491	ug/l	99
17) Allyl chloride	2.678	41	44404	19.868	ug/l	98
18) Methylene Chloride	2.800	84	27389	20.147	ug/l	95
19) trans-1,2-Dichloroethene	3.105	96	25444	19.932	ug/l	97
20) Diisopropyl ether	3.770	45	85373	20.190	ug/l	95
21) 1,1-Dichloroethane	3.623	63	47950	19.792	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	30310	20.366	ug/l	97
23) tert-Butyl Alcohol	2.953	59	10853	84.214	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	73237	19.462	ug/l	99
25) Chloroform	5.105	83	51225	20.542	ug/l	97
26) Cyclohexane	5.477	56	44234	20.011	ug/l #	98
29) 1,1-Dichloropropene	5.702	75	34838	19.988	ug/l	100
30) 2-Butanone	4.562	43	73100	94.128	ug/l	99
31) 2,2-Dichloropropane	4.483	77	35277m	22.799	ug/l	
32) 1,1,1-Trichloroethane	5.391	97	43658	20.272	ug/l	99
33) Carbon Tetrachloride	5.690	117	39564	20.700	ug/l	97
34) Benzene	6.043	78	102859	20.087	ug/l	98
35) Methacrylonitrile	4.922	41	18615	19.547	ug/l	98
36) 1,2-Dichloroethane	6.092	62	39747	20.516	ug/l	99
37) Trichloroethene	7.129	130	25222	19.629	ug/l	88
38) Methylcyclohexane	7.385	83	44602	20.161	ug/l	97
39) 1,2-Dichloropropane	7.433	63	25659	20.087	ug/l	96
40) Dibromomethane	7.580	93	18843	19.732	ug/l	100
41) Bromodichloromethane	7.824	83	38780	19.934	ug/l #	96
42) Vinyl Acetate	3.733	43	337623	100.751	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone
06/12/2025
Supervised By :Mahesh Dadoda
06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	32096m	19.510	ug/l	
44) Isopropyl Acetate	6.348	43	49810	19.357	ug/l	99
45) 1,4-Dioxane	7.659	88	5493	338.424	ug/l	96
46) Methyl methacrylate	7.696	41	26767	19.051	ug/l	96
47) n-amyl Acetate	10.841	43	44560	19.360	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	33811	19.387	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	38134	19.585	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	24078	20.006	ug/l	94
51) Ethyl methacrylate	9.116	69	34021	18.591	ug/l	99
52) 1,3-Dichloropropane	9.305	76	41775	19.928	ug/l	98
53) Dibromochloromethane	9.518	129	28819	20.316	ug/l	97
54) 1,2-Dibromoethane	9.610	107	24633	19.458	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	94081	98.440	ug/l	98
56) Bromoform	10.799	173	17656	20.140	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	157737	97.307	ug/l	99
59) 2-Hexanone	9.427	43	106198	92.866	ug/l	98
61) Tetrachloroethene	9.275	164	21065	20.169	ug/l	98
62) Toluene	8.720	91	109424	20.261	ug/l	99
64) Chlorobenzene	10.079	112	69901	20.067	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	22881	19.599	ug/l	99
66) Ethyl Benzene	10.195	91	122281	19.829	ug/l	99
67) m/p-Xylenes	10.299	106	91561	40.142	ug/l	99
68) o-Xylene	10.640	106	43725	19.910	ug/l	97
69) Styrene	10.652	104	76101	20.216	ug/l	99
70) Isopropylbenzene	10.963	105	119056	20.200	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	34367	19.850	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	28375m	19.632	ug/l	
73) Bromobenzene	11.195	156	27307	19.766	ug/l	98
74) n-propylbenzene	11.299	91	144502	20.504	ug/l	99
75) 2-Chlorotoluene	11.360	91	85256	20.207	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	100155	20.453	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9214	18.871	ug/l	95
78) 4-Chlorotoluene	11.451	91	99675	20.420	ug/l	99
79) tert-butylbenzene	11.713	119	99639	20.403	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	100361	20.752	ug/l	99
81) sec-Butylbenzene	11.890	105	127530	20.407	ug/l	99
82) p-Isopropyltoluene	12.006	119	107730	21.003	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	52959	20.594	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	53095	20.531	ug/l	98
85) n-Butylbenzene	12.329	91	102821	20.808	ug/l	100
86) Hexachloroethane	12.536	117	17610	19.769	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	50257	20.314	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7096	19.869	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	32647	20.015	ug/l	98
90) Hexachlorobutadiene	13.719	225	14411	20.065	ug/l	99
91) Naphthalene	13.774	128	101783	19.669	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	32178	20.098	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

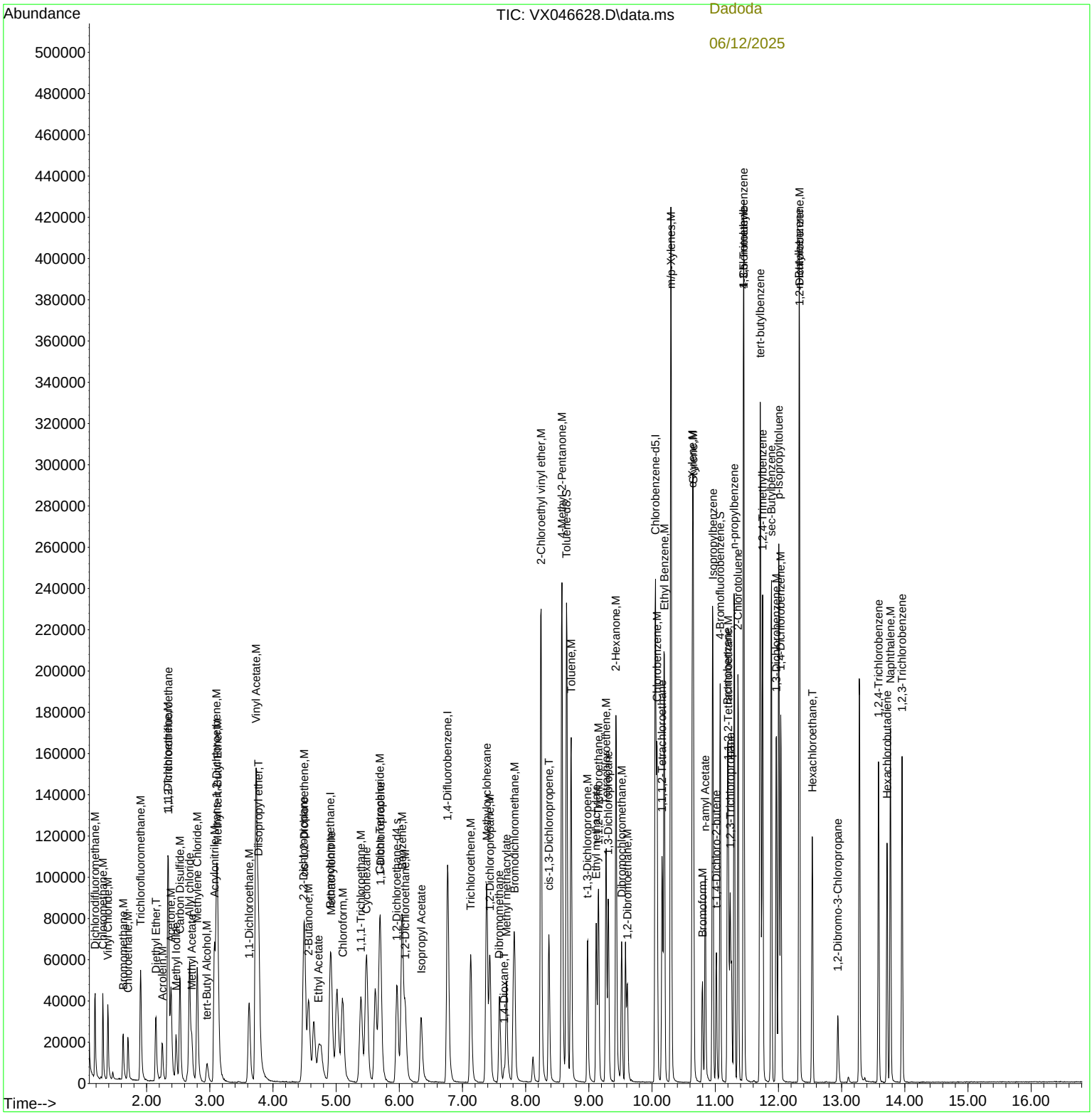
Manual Integrations APPROVED

Reviewed By :John Carlone

06/12/2025

Supervised By :Mahesh Dadoda

06/12/2025



Evaluate Continuing Calibration Report

Sample Results: **VX046628.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	104	0.00
2	M	Dichlorodifluoromethane	1.950	2.041	-4.7	104	0.00
3	M	Chloromethane	2.010	1.881	6.4	92	0.00
4	M	Vinyl Chloride	1.937	1.909	1.4	97	0.00
5	M	Bromomethane	1.157	0.828	28.4#	67	0.00
6	M	Chloroethane	1.113	1.062	4.6	100	0.00
7	M	Trichlorofluoromethane	2.775	2.841	-2.4	99	0.00
8	T	Diethyl Ether	0.972	0.945	2.8	95	0.00
9		1,1,2-Trichlorotrifluoroeth	1.846	1.850	-0.2	99	0.00
10	M	1,1-Dichloroethene	1.791	1.741	2.8	98	0.00
11		Methyl Iodide	2.442	1.661	32.0#	69	0.00
12		Methyl Acetate	2.257	1.816	19.5	61	0.00
13	M	Acrolein	0.221	0.222	-0.5	111	0.00
14	M	Acrylonitrile	0.928	0.862	7.1	92	0.00
15	M	Acetone	0.212	0.206	2.8	97	0.00
16	M	Carbon Disulfide	4.969	5.091	-2.5	102	0.00
17		Allyl chloride	3.249	3.228	0.6	99	0.00
18	M	Methylene Chloride	1.976	1.991	-0.8	100	0.00
19	M	trans-1,2-Dichloroethene	1.856	1.850	0.3	100	0.00
20	T	Diisopropyl ether	6.147	6.206	-1.0	99	0.00
21	M	1,1-Dichloroethane	3.522	3.486	1.0	98	0.00
22	M	cis-1,2-Dichloroethene	2.164	2.203	-1.8	100	-0.01
23	M	tert-Butyl Alcohol	0.187	0.158	15.5	89	0.00
24	M	Methyl tert-Butyl Ether	5.471	5.324	2.7	97	0.00
25	M	Chloroform	3.625	3.724	-2.7	101	0.00
26		Cyclohexane	3.214	3.215	-0.0	99	0.00
27	s	1,2-Dichloroethane-d4	2.428	2.484	-2.3	106	-0.01
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.472	0.472	0.0	97	0.00
30	M	2-Butanone	0.210	0.198	5.7	93	0.00
31		2,2-Dichloropropane	0.419	0.478	-14.1	115	-0.01
32	M	1,1,1-Trichloroethane	0.583	0.591	-1.4	100	0.00
33	M	Carbon Tetrachloride	0.518	0.536	-3.5	102	0.00
34	M	Benzene	1.387	1.393	-0.4	98	0.00
35		Methacrylonitrile	0.258	0.252	2.3	100	-0.02
36	M	1,2-Dichloroethane	0.525	0.538	-2.5	98	0.00
37	M	Trichloroethene	0.348	0.342	1.7	99	0.00
38		Methylcyclohexane	0.599	0.604	-0.8	102	0.00
39	M	1,2-Dichloropropane	0.346	0.347	-0.3	100	0.00
40		Dibromomethane	0.259	0.255	1.5	97	-0.01
41	M	Bromodichloromethane	0.527	0.525	0.4	97	0.00
42	M	Vinyl Acetate	0.908	0.914	-0.7	112	0.00
43		Ethyl Acetate	0.446	0.435	2.5	98	0.00
44		Isopropyl Acetate	0.697	0.674	3.3	100	0.00
45	T	1,4-Dioxane	0.004	0.004	0.0	82	0.00
46		Methyl methacrylate	0.380	0.362	4.7	94	0.00
47		n-amyl Acetate	0.623	0.603	3.2	113	0.00
48	M	t-1,3-Dichloropropene	0.472	0.458	3.0	102	0.00

Sample Results: **VX046628.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	0.527	0.516	2.1	100	0.00
50	M	1,1,2-Trichloroethane	0.326	0.326	0.0	98	0.00
51		Ethyl methacrylate	0.496	0.461	7.1	94	0.00
52		1,3-Dichloropropane	0.568	0.566	0.4	96	0.00
53	M	Dibromochloromethane	0.384	0.390	-1.6	102	0.00
54	M	1,2-Dibromoethane	0.343	0.334	2.6	98	0.00
55	M	2-Chloroethyl vinyl ether	0.259	0.255	1.5	94	0.00
56	M	Bromoform	0.237	0.239	-0.8	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.488	0.475	2.7	94	0.00
59	M	2-Hexanone	0.344	0.320	7.0	89	0.00
60	S	4-Bromofluorobenzene	0.506	0.516	-2.0	105	0.00
61	M	Tetrachloroethene	0.314	0.317	-1.0	98	0.00
62	M	Toluene	1.626	1.647	-1.3	97	0.00
63	S	Toluene-d8	1.340	1.361	-1.6	103	0.00
64	M	Chlorobenzene	1.049	1.052	-0.3	99	0.00
65		1,1,1,2-Tetrachloroethane	0.351	0.344	2.0	96	0.00
66	M	Ethyl Benzene	1.856	1.841	0.8	97	0.00
67	M	m/p-Xylenes	0.687	0.689	-0.3	97	0.00
68	M	o-Xylene	0.661	0.658	0.5	96	0.00
69	M	Styrene	1.133	1.145	-1.1	96	0.00
70		Isopropylbenzene	1.774	1.792	-1.0	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.521	0.517	0.8	94	0.00
72		1,2,3-Trichloropropane	0.435	0.427	1.8	94	0.00
73		Bromobenzene	0.416	0.411	1.2	97	0.00
74		n-propylbenzene	2.122	2.175	-2.5	99	0.00
75		2-Chlorotoluene	1.270	1.283	-1.0	97	0.00
76		1,3,5-Trimethylbenzene	1.474	1.508	-2.3	98	0.00
77		t-1,4-Dichloro-2-butene	0.147	0.139	5.4	98	0.00
78		4-Chlorotoluene	1.469	1.500	-2.1	97	0.00
79		tert-butylbenzene	1.470	1.500	-2.0	98	0.00
80		1,2,4-Trimethylbenzene	1.456	1.511	-3.8	99	0.00
81		sec-Butylbenzene	1.881	1.920	-2.1	98	0.00
82		p-Isopropyltoluene	1.544	1.622	-5.1	101	0.00
83	M	1,3-Dichlorobenzene	0.774	0.797	-3.0	100	0.00
84	M	1,4-Dichlorobenzene	0.779	0.799	-2.6	98	0.00
85		n-Butylbenzene	1.488	1.548	-4.0	99	0.00
86	T	Hexachloroethane	0.268	0.265	1.1	98	0.00
87	M	1,2-Dichlorobenzene	0.745	0.756	-1.5	97	0.00
88		1,2-Dibromo-3-Chloropropane	0.108	0.107	0.9	98	0.00
89		1,2,4-Trichlorobenzene	0.491	0.491	0.0	98	0.00
90		Hexachlorobutadiene	0.216	0.217	-0.5	98	0.00
91	M	Naphthalene	1.558	1.532	1.7	98	0.00
92		1,2,3-Trichlorobenzene	0.482	0.484	-0.4	98	0.00

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

Sample Results: **VX046628.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	104	0.00
2	M	Dichlorodifluoromethane	20.000	20.929	-4.6	104	0.00
3	M	Chloromethane	20.000	18.721	6.4	92	0.00
4	M	Vinyl Chloride	20.000	19.703	1.5	97	0.00
5	M	Bromomethane	20.000	14.313	28.4#	67	0.00
6	M	Chloroethane	20.000	19.080	4.6	100	0.00
7	M	Trichlorofluoromethane	20.000	20.473	-2.4	99	0.00
8	T	Diethyl Ether	20.000	19.438	2.8	95	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.046	-0.2	99	0.00
10	M	1,1-Dichloroethene	20.000	19.448	2.8	98	0.00
11		Methyl Iodide	20.000	13.609	32.0#	69	0.00
12		Methyl Acetate	20.000	16.090	19.6	61	0.00
13	M	Acrolein	100.000	100.231	-0.2	111	0.00
14	M	Acrylonitrile	100.000	92.911	7.1	92	0.00
15	M	Acetone	100.000	97.272	2.7	97	0.00
16	M	Carbon Disulfide	20.000	20.491	-2.5	102	0.00
17		Allyl chloride	20.000	19.868	0.7	99	0.00
18	M	Methylene Chloride	20.000	20.147	-0.7	100	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.932	0.3	100	0.00
20	T	Diisopropyl ether	20.000	20.190	-1.0	99	0.00
21	M	1,1-Dichloroethane	20.000	19.792	1.0	98	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.366	-1.8	100	-0.01
23	M	tert-Butyl Alcohol	100.000	84.214	15.8	89	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.462	2.7	97	0.00
25	M	Chloroform	20.000	20.542	-2.7	101	0.00
26		Cyclohexane	20.000	20.011	-0.1	99	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.685	-2.3	106	-0.01
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29		1,1-Dichloropropene	20.000	19.988	0.1	97	0.00
30	M	2-Butanone	100.000	94.128	5.9	93	0.00
31		2,2-Dichloropropane	20.000	22.799	-14.0	115	-0.01
32	M	1,1,1-Trichloroethane	20.000	20.272	-1.4	100	0.00
33	M	Carbon Tetrachloride	20.000	20.700	-3.5	102	0.00
34	M	Benzene	20.000	20.087	-0.4	98	0.00
35		Methacrylonitrile	20.000	19.547	2.3	100	-0.02
36	M	1,2-Dichloroethane	20.000	20.516	-2.6	98	0.00
37	M	Trichloroethene	20.000	19.629	1.9	99	0.00
38		Methylcyclohexane	20.000	20.161	-0.8	102	0.00
39	M	1,2-Dichloropropane	20.000	20.087	-0.4	100	0.00
40		Dibromomethane	20.000	19.732	1.3	97	-0.01
41	M	Bromodichloromethane	20.000	19.934	0.3	97	0.00
42	M	Vinyl Acetate	100.000	100.751	-0.8	112	0.00
43		Ethyl Acetate	20.000	19.510	2.4	98	0.00
44		Isopropyl Acetate	20.000	19.357	3.2	100	0.00
45	T	1,4-Dioxane	400.000	338.424	15.4	82	0.00
46		Methyl methacrylate	20.000	19.051	4.7	94	0.00
47		n-amyl Acetate	20.000	19.360	3.2	113	0.00
48	M	t-1,3-Dichloropropene	20.000	19.387	3.1	102	0.00

Sample Results: **VX046628.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046628.D
Acq On : 11 Jun 2025 11:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 12 01:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 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	19.585	2.1	100	0.00
50	M	1,1,2-Trichloroethane	20.000	20.006	-0.0	98	0.00
51		Ethyl methacrylate	20.000	18.591	7.0	94	0.00
52		1,3-Dichloropropane	20.000	19.928	0.4	96	0.00
53	M	Dibromochloromethane	20.000	20.316	-1.6	102	0.00
54	M	1,2-Dibromoethane	20.000	19.458	2.7	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.440	1.6	94	0.00
56	M	Bromoform	20.000	20.140	-0.7	102	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	97.307	2.7	94	0.00
59	M	2-Hexanone	100.000	92.866	7.1	89	0.00
60	S	4-Bromofluorobenzene	30.000	30.633	-2.1	105	0.00
61	M	Tetrachloroethene	20.000	20.169	-0.8	98	0.00
62	M	Toluene	20.000	20.261	-1.3	97	0.00
63	S	Toluene-d8	30.000	30.459	-1.5	103	0.00
64	M	Chlorobenzene	20.000	20.067	-0.3	99	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.599	2.0	96	0.00
66	M	Ethyl Benzene	20.000	19.829	0.9	97	0.00
67	M	m/p-Xylenes	40.000	40.142	-0.4	97	0.00
68	M	o-Xylene	20.000	19.910	0.4	96	0.00
69	M	Styrene	20.000	20.216	-1.1	96	0.00
70		Isopropylbenzene	20.000	20.200	-1.0	98	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.850	0.7	94	0.00
72		1,2,3-Trichloropropane	20.000	19.632	1.8	94	0.00
73		Bromobenzene	20.000	19.766	1.2	97	0.00
74		n-propylbenzene	20.000	20.504	-2.5	99	0.00
75		2-Chlorotoluene	20.000	20.207	-1.0	97	0.00
76		1,3,5-Trimethylbenzene	20.000	20.453	-2.3	98	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.871	5.6	98	0.00
78		4-Chlorotoluene	20.000	20.420	-2.1	97	0.00
79		tert-butylbenzene	20.000	20.403	-2.0	98	0.00
80		1,2,4-Trimethylbenzene	20.000	20.752	-3.8	99	0.00
81		sec-Butylbenzene	20.000	20.407	-2.0	98	0.00
82		p-Isopropyltoluene	20.000	21.003	-5.0	101	0.00
83	M	1,3-Dichlorobenzene	20.000	20.594	-3.0	100	0.00
84	M	1,4-Dichlorobenzene	20.000	20.531	-2.7	98	0.00
85		n-Butylbenzene	20.000	20.808	-4.0	99	0.00
86	T	Hexachloroethane	20.000	19.769	1.2	98	0.00
87	M	1,2-Dichlorobenzene	20.000	20.314	-1.6	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.869	0.7	98	0.00
89		1,2,4-Trichlorobenzene	20.000	20.015	-0.1	98	0.00
90		Hexachlorobutadiene	20.000	20.065	-0.3	98	0.00
91	M	Naphthalene	20.000	19.669	1.7	98	0.00
92		1,2,3-Trichlorobenzene	20.000	20.098	-0.5	98	0.00

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

QC SAMPLE DATA

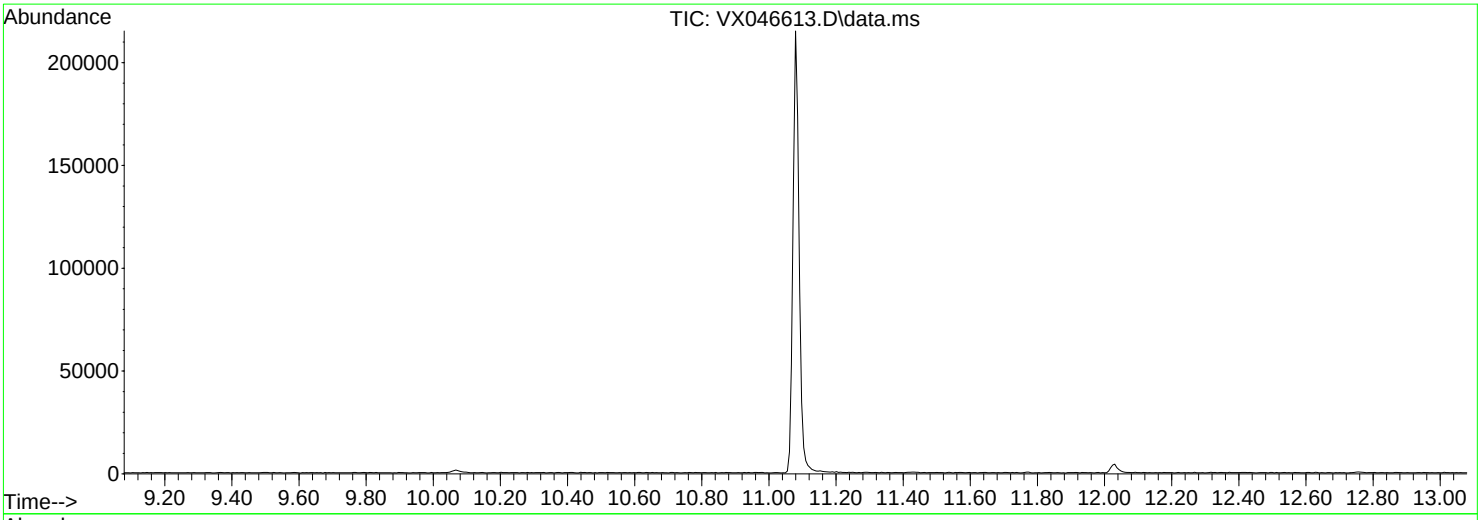
Sample Results: **VX046613.D**

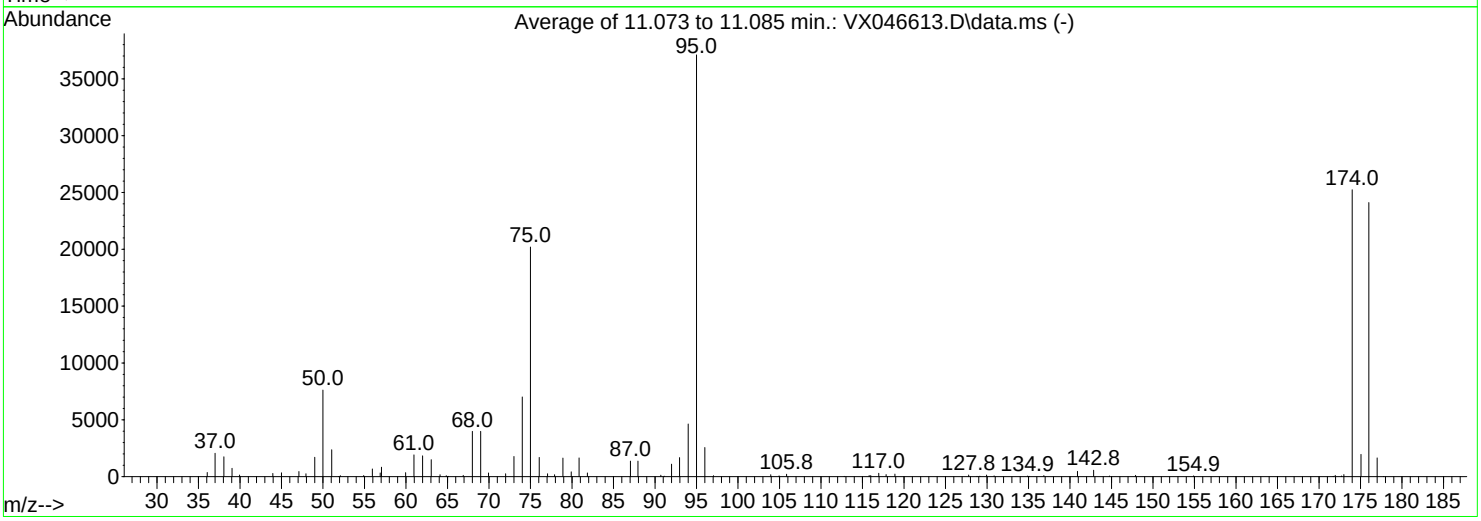
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046613.D
Acq On : 10 Jun 2025 19:57
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Title : SW846 8260
Last Update : Fri Jun 06 16:56:12 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	7615	PASS
75	95	30	60	54.4	20195	PASS
95	95	100	100	100.0	37107	PASS
96	95	5	9	6.9	2556	PASS
173	174	0.00	2	0.7	178	PASS
174	95	50	100	68.0	25240	PASS
175	174	5	9	7.8	1961	PASS
176	174	95	101	95.5	24109	PASS
177	176	5	9	6.8	1649	PASS

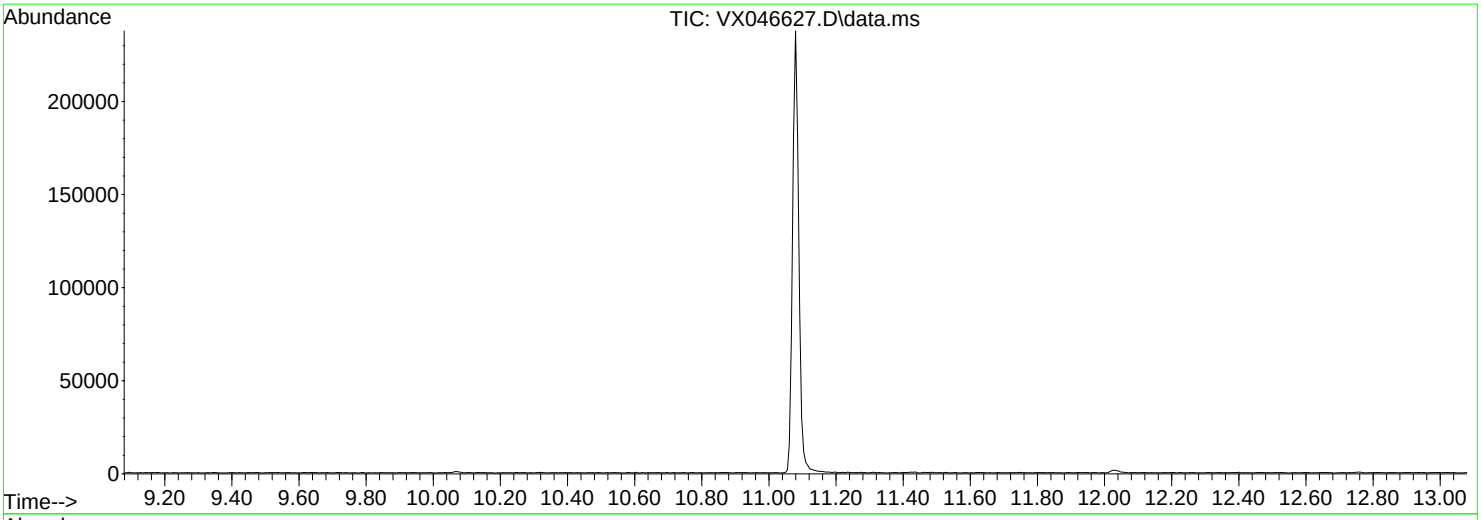
Sample Results: **VX046627.D**

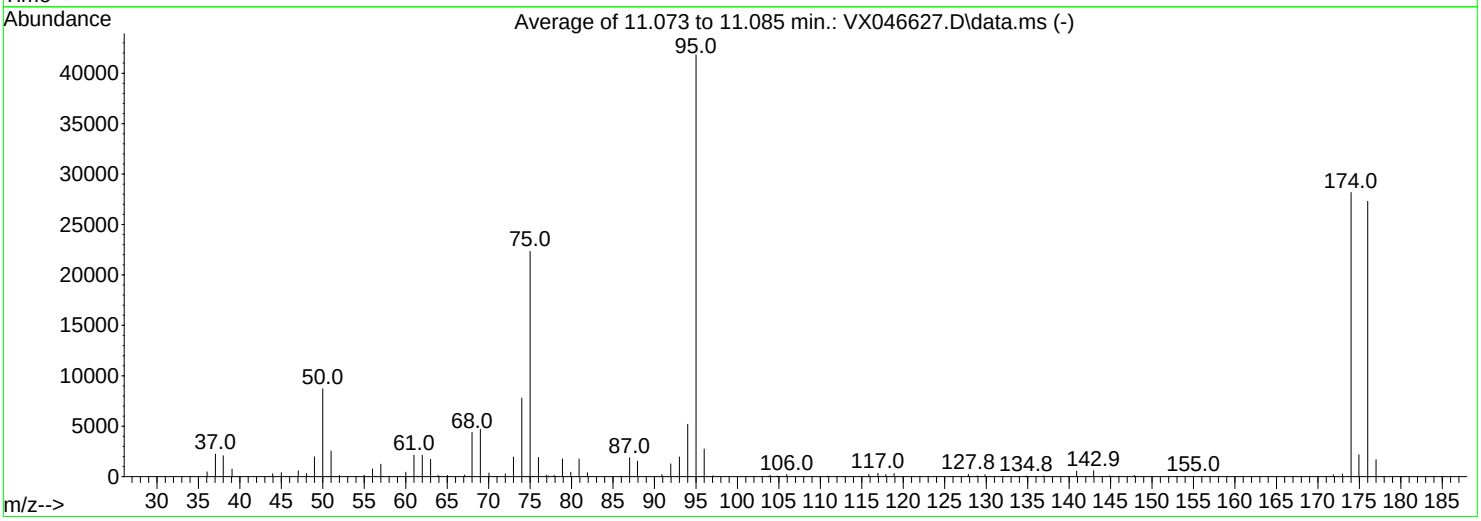
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046627.D
Acq On : 11 Jun 2025 10:45
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Jun 11 06:20:28 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	20.8	8713	PASS
75	95	30	60	53.4	22344	PASS
95	95	100	100	100.0	41819	PASS
96	95	5	9	6.6	2746	PASS
173	174	0.00	2	0.9	259	PASS
174	95	50	100	67.4	28179	PASS
175	174	5	9	7.7	2168	PASS
176	174	95	101	96.9	27299	PASS
177	176	5	9	6.2	1688	PASS

Raw Data: **VX046623.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:	VX0610WBL02		SDG No.:	Q2203	
Lab Sample ID:	VX0610WBL02		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
VX046623.D	1		06/11/25 00:12	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	0.46	U	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.4		91 - 110	105%	SPK: 30
2037-26-5	Toluene-d8	30.1		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.7		63 - 112	99%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	18700	4.916			
540-36-3	1,4-Difluorobenzene	99100	6.769			
3114-55-4	Chlorobenzene-d5	91900	10.055			

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: **VX046623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046623.D
Acq On : 11 Jun 2025 00:12
Operator : JC/MD
Sample : VX0610WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Quant Time: Jun 11 06:52:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

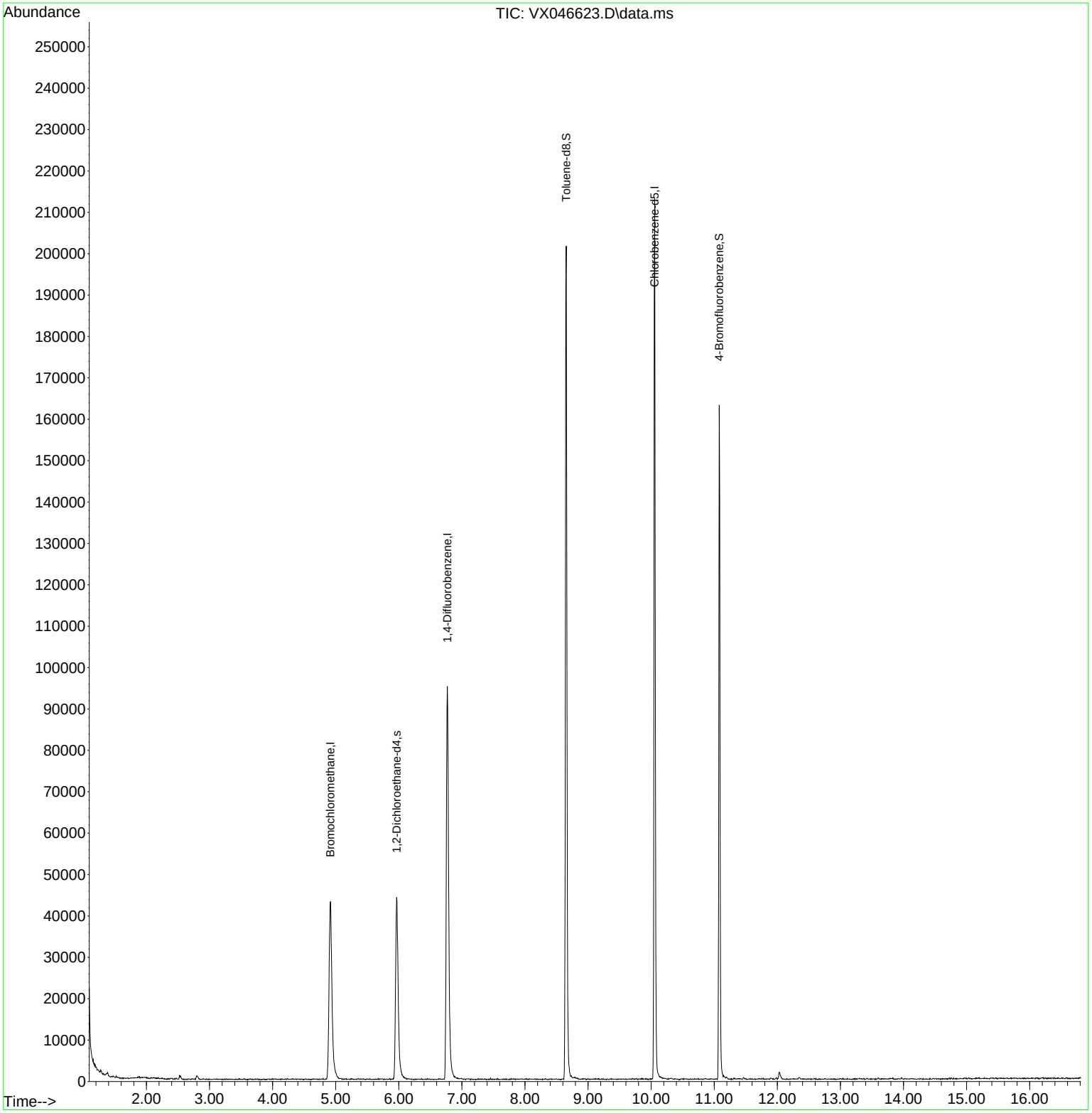
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	18694	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	99149	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91863	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47443	31.352	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.500%			
60) 4-Bromofluorobenzene	11.079	95	46051	29.741	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.133%			
63) Toluene-d8	8.653	98	123595	30.121	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%			
Target Compounds						Qvalue

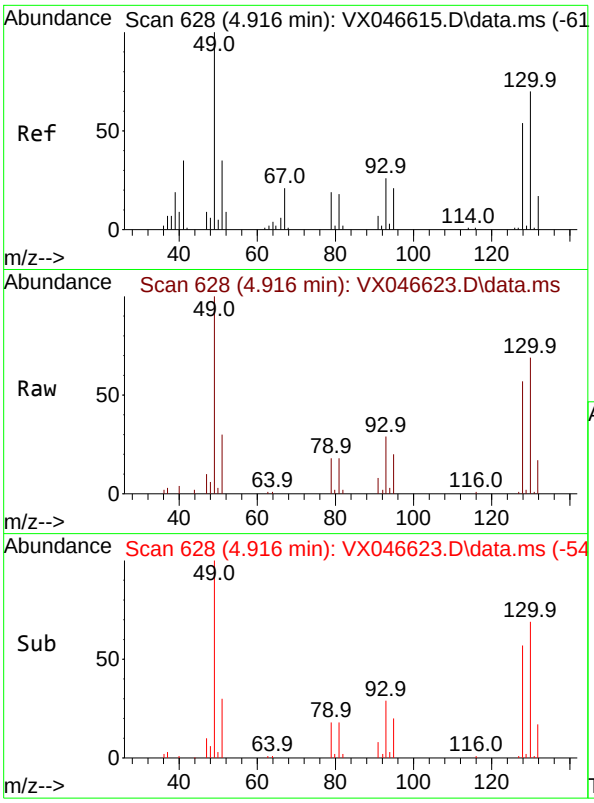
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046623.D
Acq On : 11 Jun 2025 00:12
Operator : JC/MD
Sample : VX0610WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Quant Time: Jun 11 06:52:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration



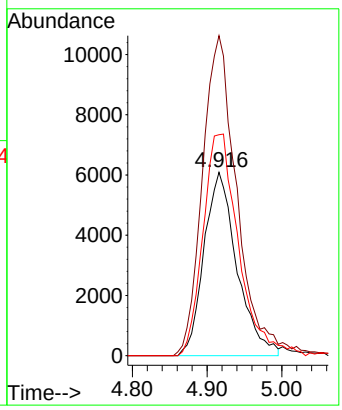


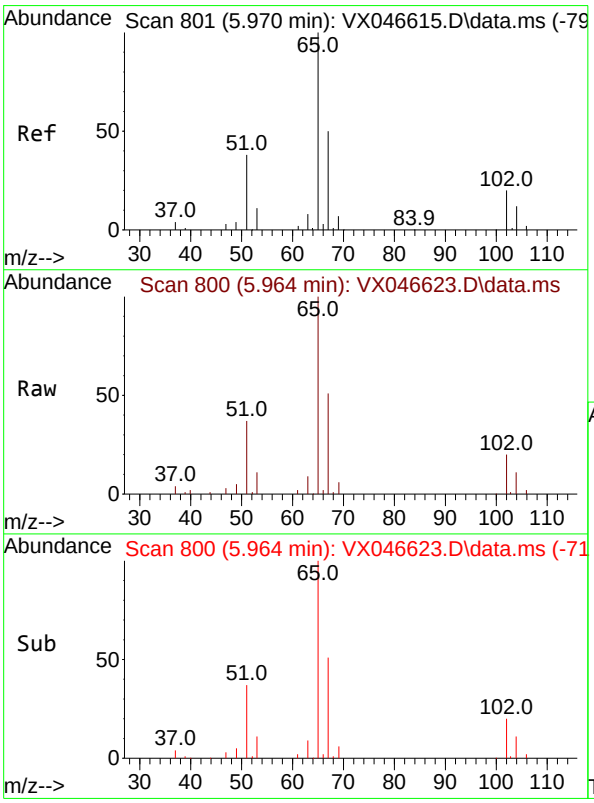
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion:128 Resp: 18694

Ion	Ratio	Lower	Upper
128	100		
49	179.5	0.0	448.3
130	130.6	0.0	312.0

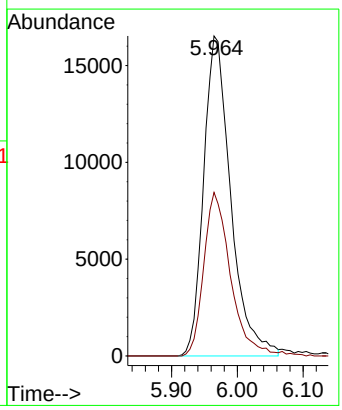


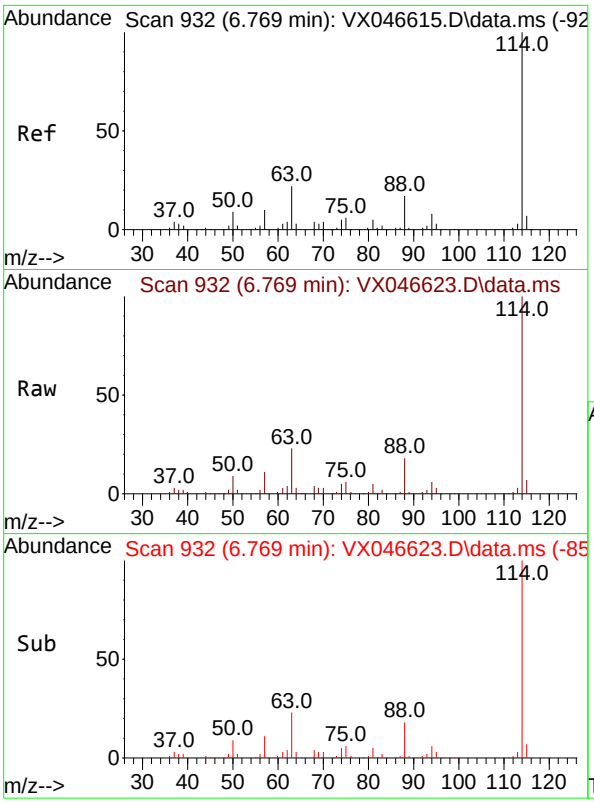


#27
1,2-Dichloroethane-d4
Concen: 31.352 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 65 Resp: 47443

Ion	Ratio	Lower	Upper
65	100		
67	50.1	41.4	62.2



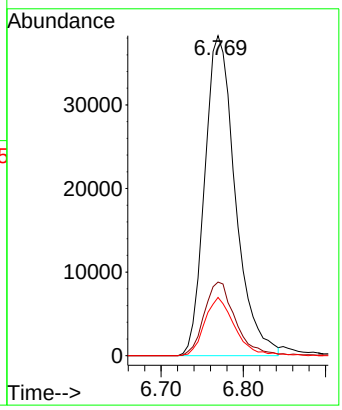


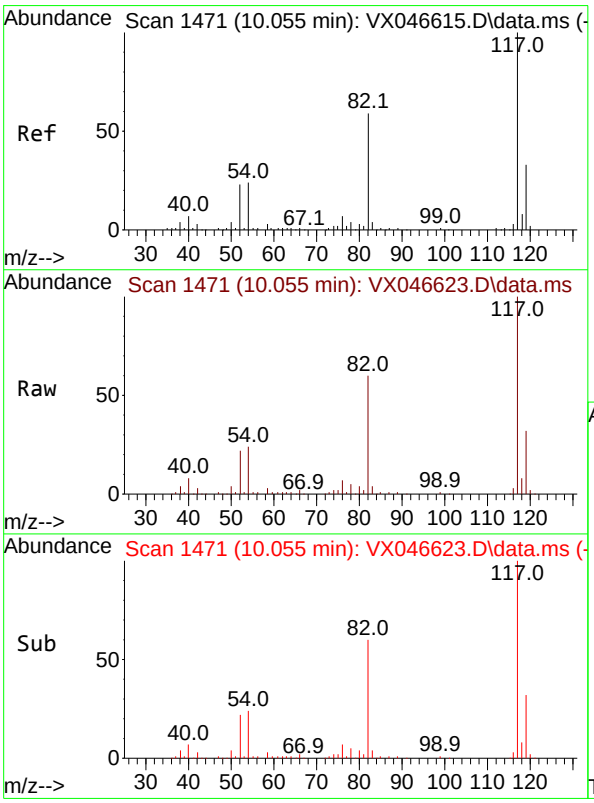
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion:114 Resp: 99149

Ion	Ratio	Lower	Upper
114	100		
63	23.3	18.1	27.1
88	17.8	14.1	21.1

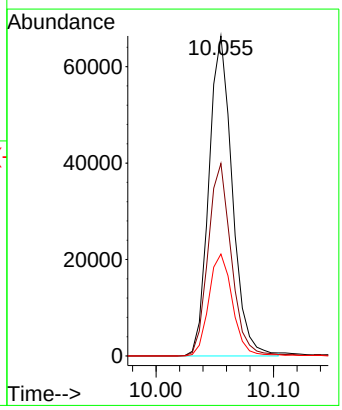


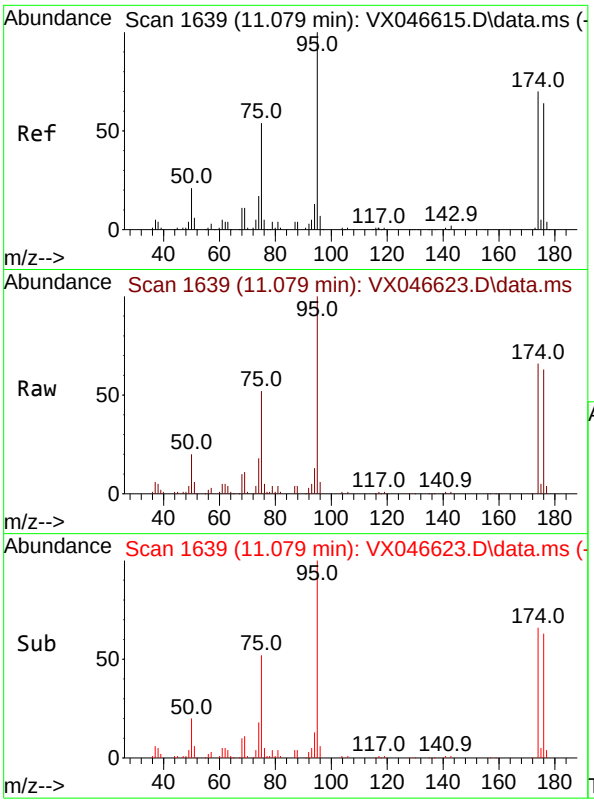


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion:117 Resp: 91863

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.5	69.7
119	32.5	25.8	38.6



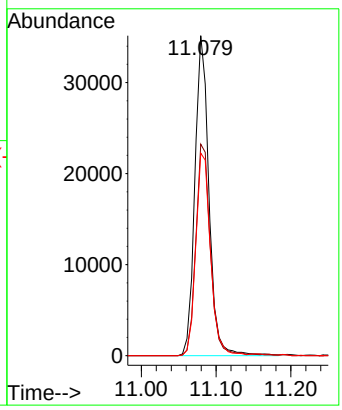


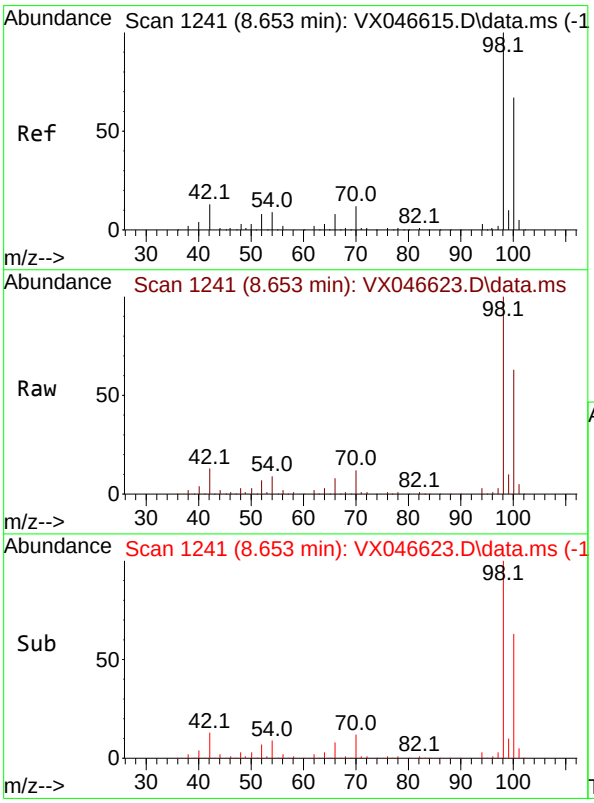
#60
4-Bromofluorobenzene
Concen: 29.741 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion: 95 Resp: 46051

Ion	Ratio	Lower	Upper
95	100		
174	67.7	56.0	84.0
176	65.9	52.2	78.4

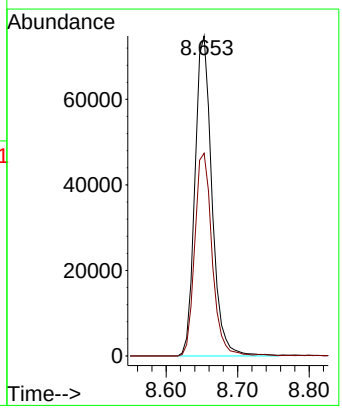




#63
Toluene-d8
Concen: 30.121 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 98 Resp: 123595

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	79.0



Raw Data: **VX046631.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:	VX0611WBL01	SDG No.:	Q2203
Lab Sample ID:	VX0611WBL01	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
VX046631.D	1		06/11/25 12:31	VX061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	0.46	U	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.5		91 - 110	102%	SPK: 30
2037-26-5	Toluene-d8	29.8		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.3		63 - 112	101%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	19200	4.916			
540-36-3	1,4-Difluorobenzene	104000	6.769			
3114-55-4	Chlorobenzene-d5	93800	10.055			

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: **VX046631.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046631.D
Acq On : 11 Jun 2025 12:31
Operator : JC/MD
Sample : VX0611WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Quant Time: Jun 12 01:39:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

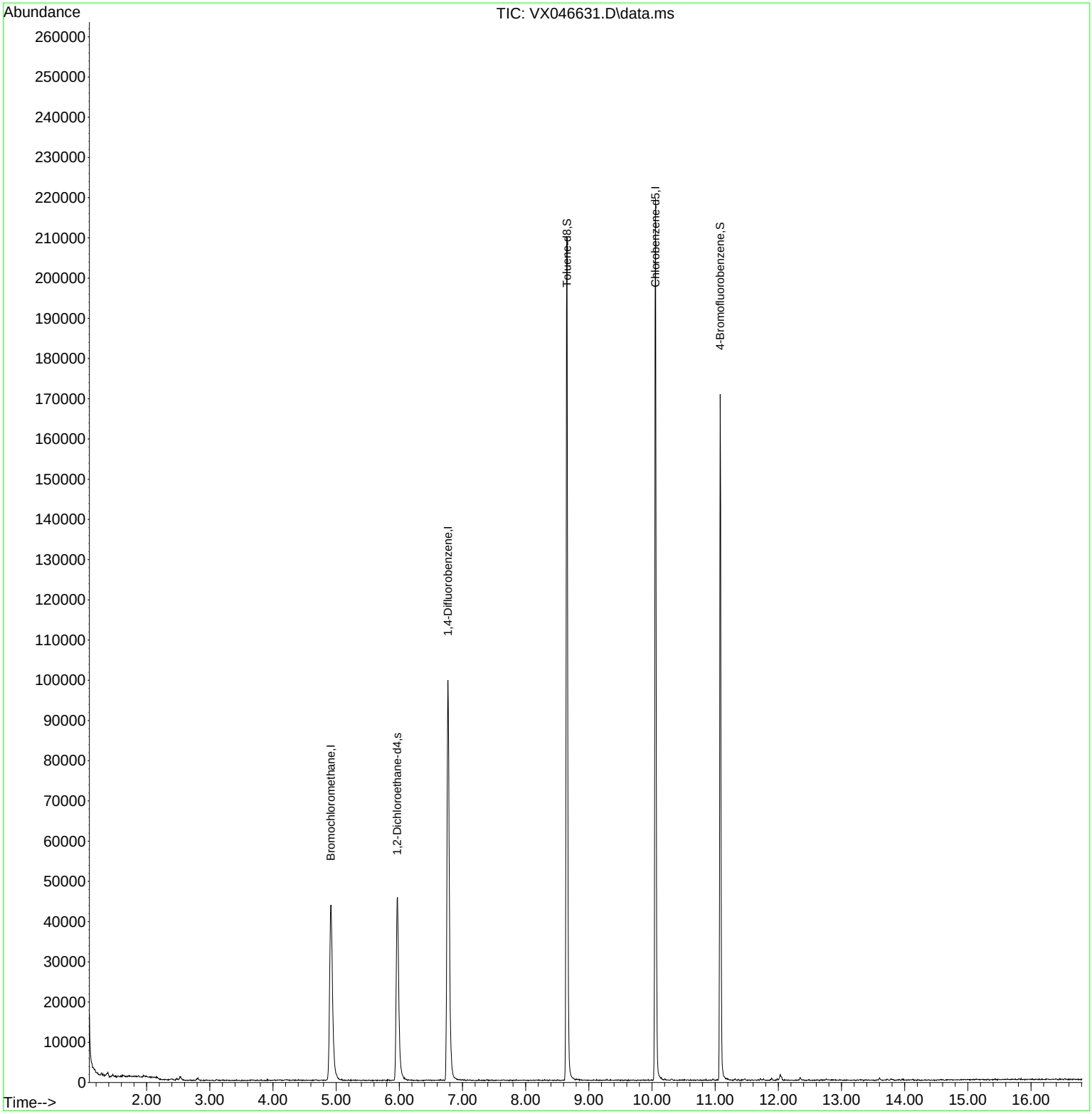
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	19239	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103534	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93773	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47448	30.467	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.567%			
60) 4-Bromofluorobenzene	11.079	95	47923	30.320	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.067%			
63) Toluene-d8	8.653	98	124779	29.790	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.300%			
Target Compounds						Qvalue

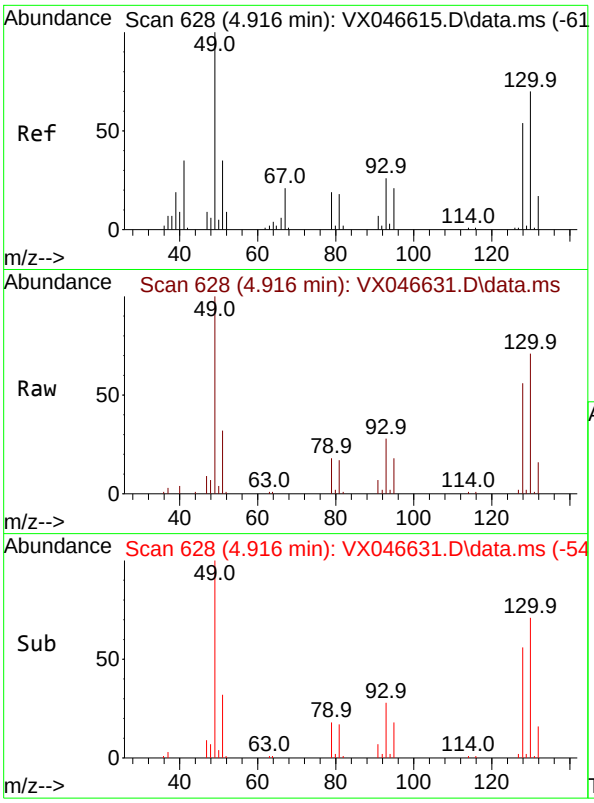
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046631.D
Acq On : 11 Jun 2025 12:31
Operator : JC/MD
Sample : VX0611WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Quant Time: Jun 12 01:39:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration



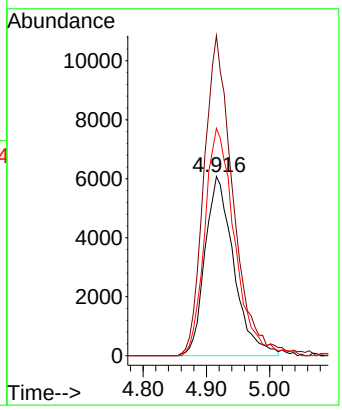


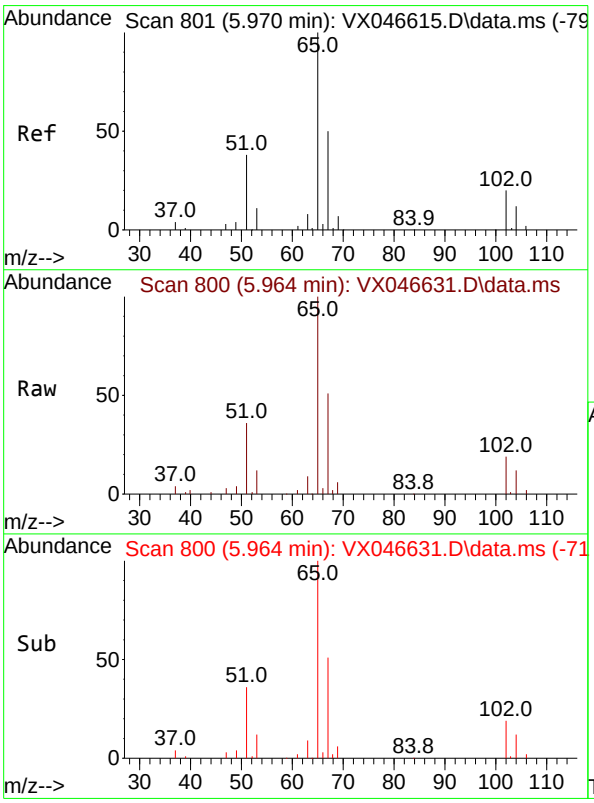
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion:128 Resp: 19239

Ion	Ratio	Lower	Upper
128	100		
49	176.4	0.0	448.3
130	129.9	0.0	312.0

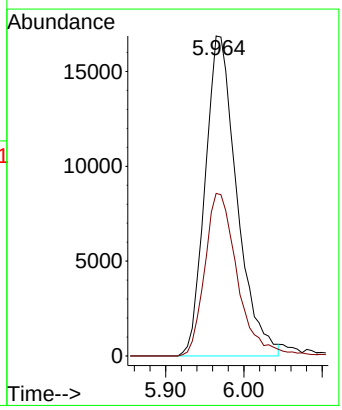


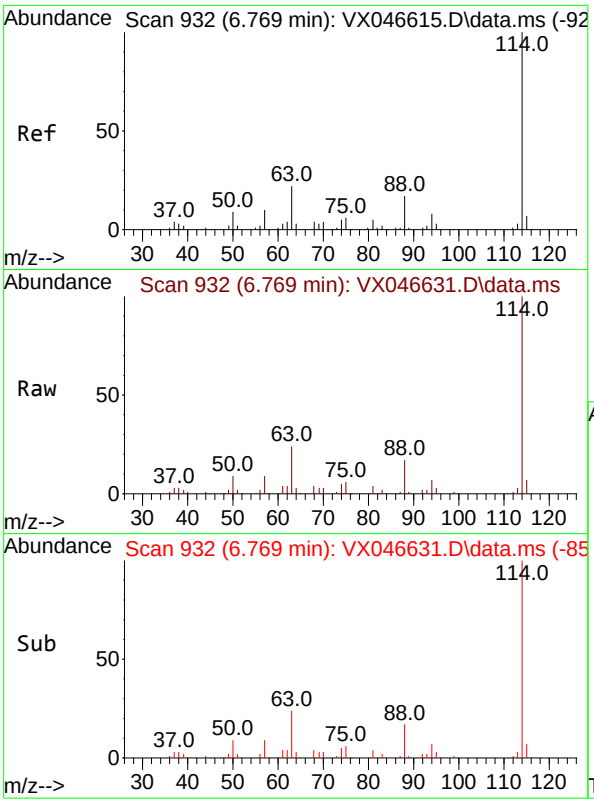


#27
1,2-Dichloroethane-d4
Concen: 30.467 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Tgt Ion: 65 Resp: 47448

Ion	Ratio	Lower	Upper
65	100		
67	52.3	41.4	62.2



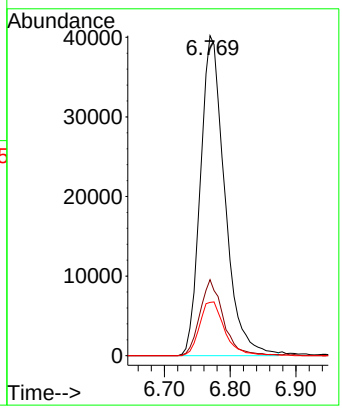


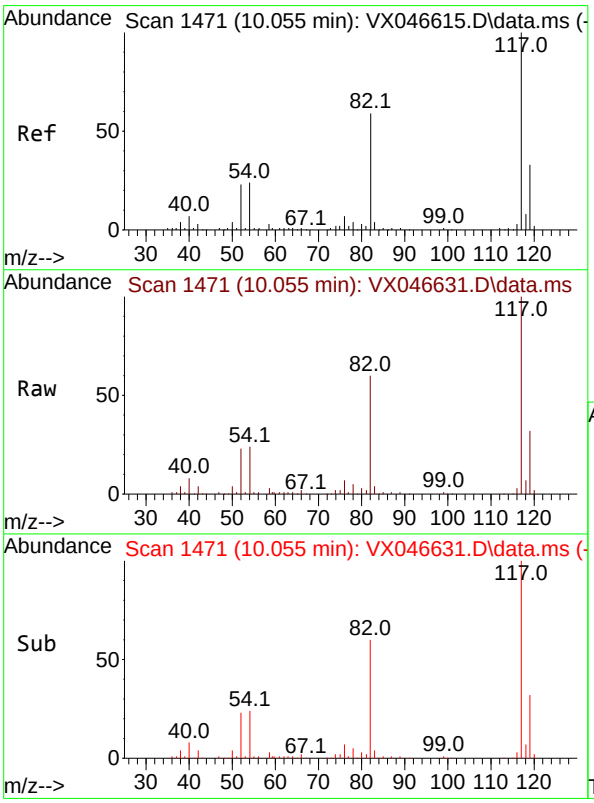
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion:114 Resp: 103534

Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.1	27.1
88	17.2	14.1	21.1

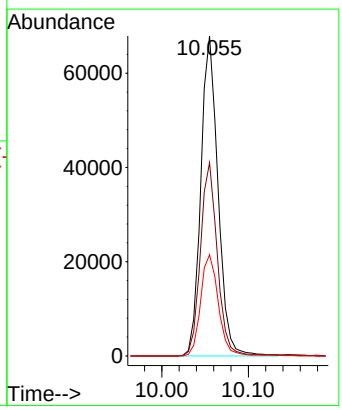


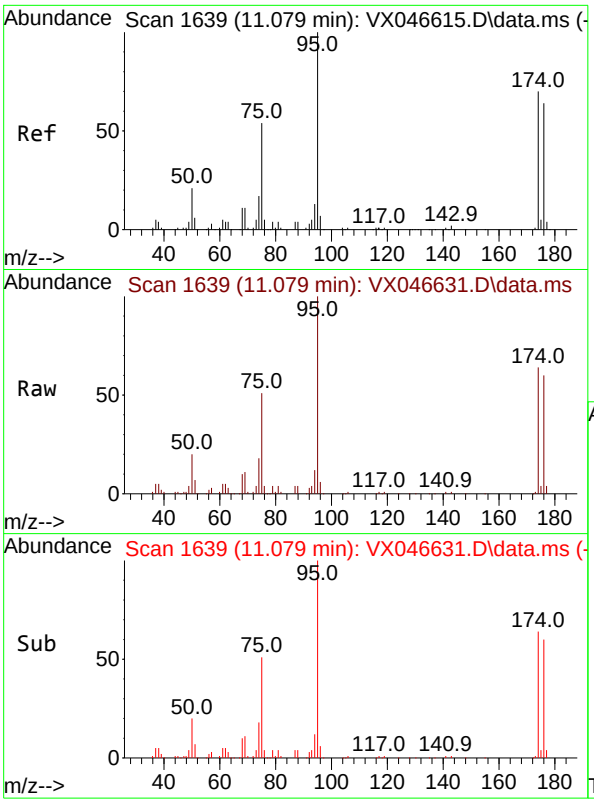


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Tgt Ion:117 Resp: 93773

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.5	69.7
119	32.5	25.8	38.6



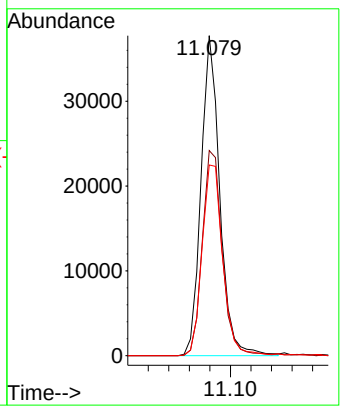


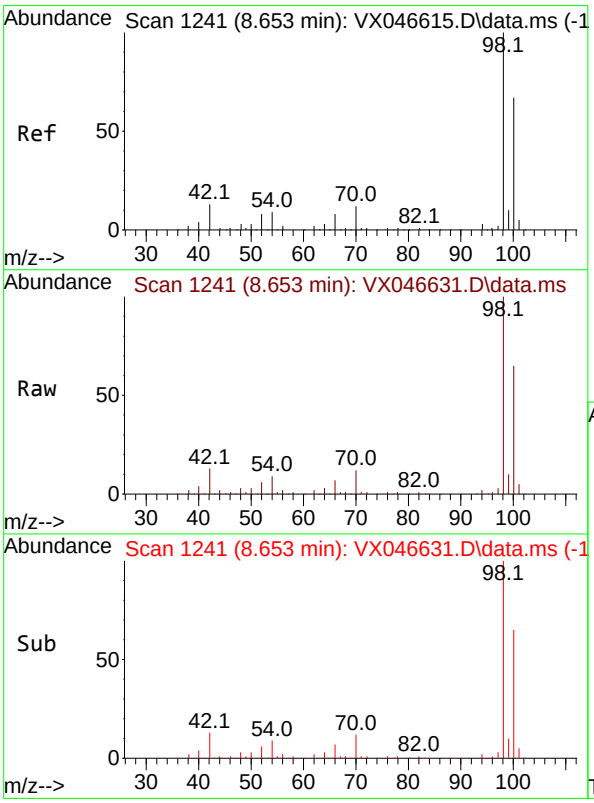
#60
4-Bromofluorobenzene
Concen: 30.320 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 95 Resp: 47923

Ion	Ratio	Lower	Upper
95	100		
174	68.0	56.0	84.0
176	65.6	52.2	78.4

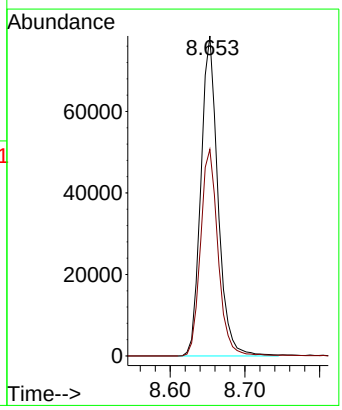




#63
Toluene-d8
Concen: 29.790 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Tgt Ion: 98 Resp: 124779

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0



Raw Data: **VX046621.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:	VX0610WBS02	SDG No.:	Q2203
Lab Sample ID:	VX0610WBS02	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
VX046621.D	1		06/10/25 23:09	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	18.1		0.45	5.00	ug/L
108-88-3	Toluene	18.7		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	18.5		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	37.8		1.30	10.0	ug/L
95-47-6	o-Xylene	18.6		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.2		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.7		91 - 112	102%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.7		63 - 112	102%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	19200	4.916			
540-36-3	1,4-Difluorobenzene	104000	6.769			
3114-55-4	Chlorobenzene-d5	93100	10.055			

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046621.D
Acq On : 10 Jun 2025 23:09
Operator : JC/MD
Sample : VX0610WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jun 11 06:50:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	19222	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103988	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93147	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	46972	30.188	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.633%			
60) 4-Bromofluorobenzene	11.079	95	48257	30.736	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.467%			
63) Toluene-d8	8.653	98	127557	30.658	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	22013	17.615	ug/l	98
3) Chloromethane	1.306	50	22281	17.305	ug/l	99
4) Vinyl Chloride	1.386	62	21527	17.342	ug/l	99
5) Bromomethane	1.630	94	14230	19.196	ug/l	99
6) Chloroethane	1.703	64	12084	16.945	ug/l	97
7) Trichlorofluoromethane	1.904	101	32931	18.522	ug/l	99
8) Diethyl Ether	2.148	74	11116	17.844	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	21513	18.186	ug/l	98
10) 1,1-Dichloroethene	2.337	96	20702	18.041	ug/l	98
11) Methyl Iodide	2.471	142	27414	17.524	ug/l	99
12) Methyl Acetate	2.715	43	21915	15.152	ug/l	99
13) Acrolein	2.251	56	13175	92.958	ug/l	95
14) Acrylonitrile	3.074	53	52348	88.070	ug/l	100
15) Acetone	2.392	58	11884	87.435	ug/l	92
16) Carbon Disulfide	2.532	76	57403	18.031	ug/l	99
17) Allyl chloride	2.678	41	37422	17.975	ug/l	96
18) Methylene Chloride	2.806	84	22670	17.902	ug/l	97
19) trans-1,2-Dichloroethene	3.111	96	21879	18.399	ug/l	99
20) Diisopropyl ether	3.769	45	73623	18.691	ug/l #	78
21) 1,1-Dichloroethane	3.623	63	40810	18.083	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	24617	17.757	ug/l	96
23) tert-Butyl Alcohol	2.959	59	10522	87.647	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	63678	18.166	ug/l	99
25) Chloroform	5.105	83	42274	18.199	ug/l	98
26) Cyclohexane	5.483	56	38057	18.483	ug/l #	99
29) 1,1-Dichloropropene	5.702	75	29833	18.234	ug/l	99
30) 2-Butanone	4.568	43	64429	88.378	ug/l	99
31) 2,2-Dichloropropane	4.495	77	24376	16.782	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	36617	18.113	ug/l	98
33) Carbon Tetrachloride	5.690	117	32985	18.384	ug/l	94
34) Benzene	6.050	78	87048	18.109	ug/l	96
35) Methacrylonitrile	4.934	41	15709	17.572	ug/l	98
36) 1,2-Dichloroethane	6.098	62	33348	18.336	ug/l	100
37) Trichloroethene	7.135	130	21199	17.575	ug/l #	79
38) Methylcyclohexane	7.391	83	37451	18.033	ug/l	98
39) 1,2-Dichloropropane	7.433	63	21584	18.000	ug/l	95
40) Dibromomethane	7.586	93	15985	17.832	ug/l	100
41) Bromodichloromethane	7.830	83	33112	18.131	ug/l	98
42) Vinyl Acetate	3.733	43	292460	92.970	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046621.D
Acq On : 10 Jun 2025 23:09
Operator : JC/MD
Sample : VX0610WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jun 11 06:50:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	4.720	43	27654	17.908	ug/l	#	88
44) Isopropyl Acetate	6.348	43	43509	18.012	ug/l		99
45) 1,4-Dioxane	7.665	88	5579	366.160	ug/l	#	89
46) Methyl methacrylate	7.696	41	23408	17.748	ug/l		95
47) n-amyl Acetate	10.841	43	40603	18.792	ug/l		100
48) t-1,3-Dichloropropene	8.982	75	28220	17.237	ug/l		99
49) cis-1,3-Dichloropropene	8.372	75	32821	17.957	ug/l		99
50) 1,1,2-Trichloroethane	9.153	97	20768	18.382	ug/l		91
51) Ethyl methacrylate	9.116	69	30509	17.760	ug/l		97
52) 1,3-Dichloropropane	9.311	76	36026	18.307	ug/l		99
53) Dibromochloromethane	9.518	129	24458	18.367	ug/l		99
54) 1,2-Dibromoethane	9.610	107	21366	17.979	ug/l		98
55) 2-Chloroethyl vinyl ether	8.244	63	90784	101.191	ug/l		99
56) Bromoform	10.799	173	14483	17.599	ug/l		99
58) 4-Methyl-2-Pentanone	8.573	43	140128	92.485	ug/l		99
59) 2-Hexanone	9.433	43	99238	92.843	ug/l		99
61) Tetrachloroethene	9.275	164	17516	17.943	ug/l		94
62) Toluene	8.720	91	94378	18.696	ug/l		98
64) Chlorobenzene	10.079	112	60711	18.646	ug/l		100
65) 1,1,1,2-Tetrachloroethane	10.165	131	20695	18.966	ug/l		96
66) Ethyl Benzene	10.195	91	106657	18.504	ug/l		99
67) m/p-Xylenes	10.299	106	80561	37.787	ug/l		97
68) o-Xylene	10.640	106	38128	18.574	ug/l		99
69) Styrene	10.652	104	65364	18.577	ug/l		99
70) Isopropylbenzene	10.963	105	102929	18.684	ug/l		100
71) 1,1,2,2-Tetrachloroethane	11.207	83	30365	18.764	ug/l		99
72) 1,2,3-Trichloropropane	11.238	75	24991m	18.499	ug/l		
73) Bromobenzene	11.195	156	23824	18.450	ug/l		99
74) n-propylbenzene	11.305	91	124603	18.916	ug/l		100
75) 2-Chlorotoluene	11.360	91	75026	19.025	ug/l		99
76) 1,3,5-Trimethylbenzene	11.451	105	86417	18.880	ug/l		99
77) t-1,4-Dichloro-2-butene	11.018	75	7592	16.635	ug/l		93
78) 4-Chlorotoluene	11.451	91	87714	19.225	ug/l		100
79) tert-butylbenzene	11.713	119	86527	18.956	ug/l		98
80) 1,2,4-Trimethylbenzene	11.750	105	86969	19.240	ug/l		98
81) sec-Butylbenzene	11.890	105	110683	18.948	ug/l		99
82) p-Isopropyltoluene	12.006	119	92349	19.262	ug/l		99
83) 1,3-Dichlorobenzene	11.969	146	46156	19.202	ug/l		99
84) 1,4-Dichlorobenzene	12.042	146	45679	18.897	ug/l		98
85) n-Butylbenzene	12.329	91	88946	19.258	ug/l		99
86) Hexachloroethane	12.536	117	15002	18.018	ug/l		98
87) 1,2-Dichlorobenzene	12.335	146	44694	19.327	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6386	19.130	ug/l		96
89) 1,2,4-Trichlorobenzene	13.585	180	28246	18.527	ug/l		98
90) Hexachlorobutadiene	13.725	225	12836	19.121	ug/l		99
91) Naphthalene	13.774	128	88858	18.371	ug/l		100
92) 1,2,3-Trichlorobenzene	13.957	180	28750	19.212	ug/l		100

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

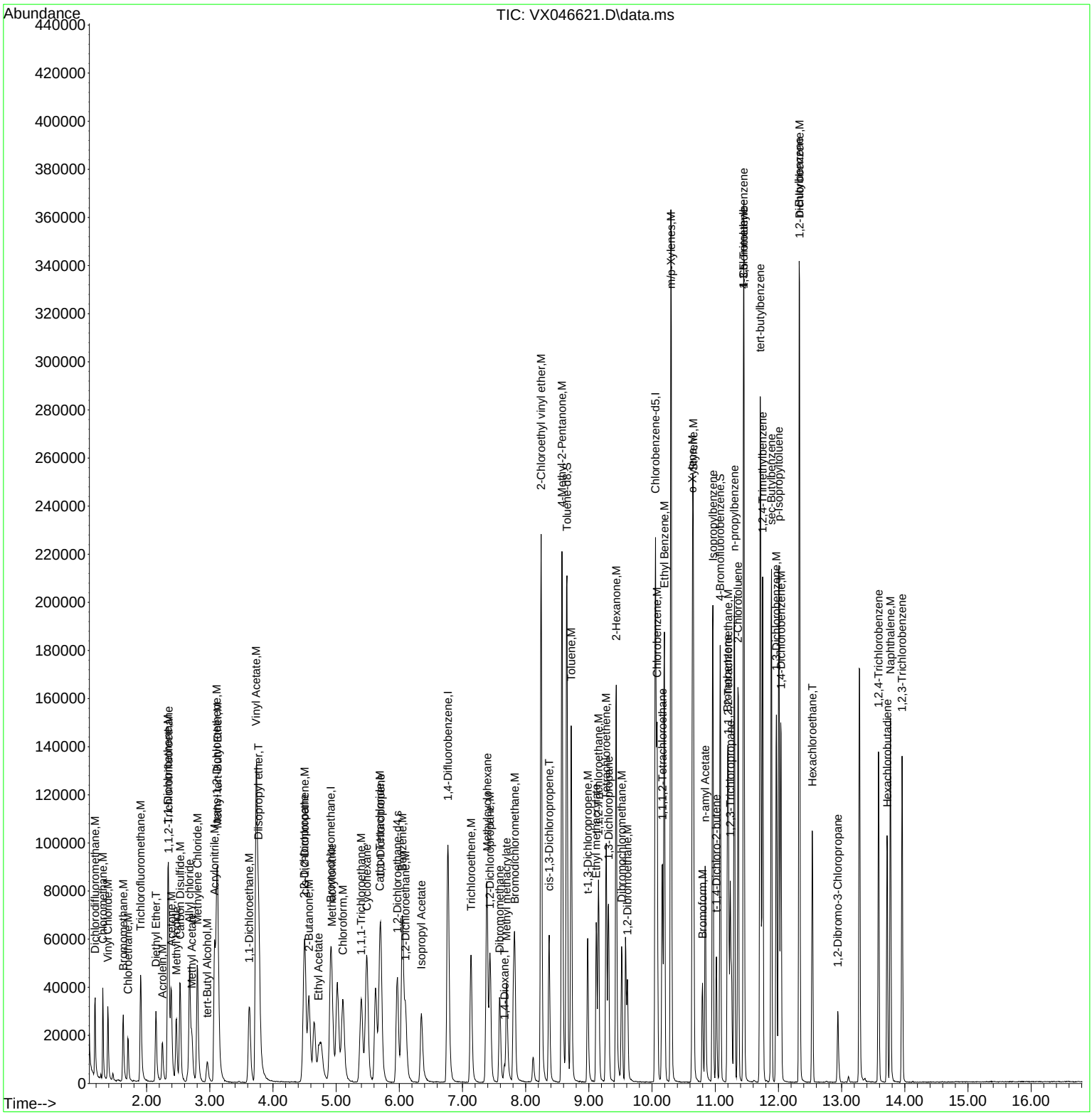
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046621.D
Acq On : 10 Jun 2025 23:09
Operator : JC/MD
Sample : VX0610WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jun 11 06:50:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Raw Data: **VX046629.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:	VX0611WBS01	SDG No.:	Q2203
Lab Sample ID:	VX0611WBS01	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
VX046629.D	1		06/11/25 11:43	VX061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.1		0.45	5.00	ug/L
108-88-3	Toluene	18.7		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	18.6		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	38.1		1.30	10.0	ug/L
95-47-6	o-Xylene	18.3		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.9		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	29.9		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.1		63 - 112	100%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	20400	4.91			
540-36-3	1,4-Difluorobenzene	109000	6.763			
3114-55-4	Chlorobenzene-d5	100000	10.055			

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046629.D
Acq On : 11 Jun 2025 11:43
Operator : JC/MD
Sample : VX0611WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 12 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.910	128	20422	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	109005	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100408	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	49478	29.930	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.767%			
60) 4-Bromofluorobenzene	11.079	95	51013	30.142	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.467%			
63) Toluene-d8	8.647	98	134246	29.932	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	24661	18.574	ug/l	99
3) Chloromethane	1.307	50	23364	17.080	ug/l	100
4) Vinyl Chloride	1.386	62	23516	17.832	ug/l	99
5) Bromomethane	1.630	94	10543	13.387	ug/l	95
6) Chloroethane	1.703	64	14578m	19.241	ug/l	
7) Trichlorofluoromethane	1.904	101	33338	17.649	ug/l	99
8) Diethyl Ether	2.142	74	10329	15.607	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	23234	18.487	ug/l	97
10) 1,1-Dichloroethene	2.337	96	21888	17.954	ug/l	95
11) Methyl Iodide	2.465	142	24759	14.897	ug/l	99
12) Methyl Acetate	2.715	43	22550	14.675	ug/l	99
13) Acrolein	2.252	56	13929	92.503	ug/l	96
14) Acrylonitrile	3.075	53	55658	88.137	ug/l	99
15) Acetone	2.386	58	13724	95.039	ug/l	82
16) Carbon Disulfide	2.526	76	62221	18.396	ug/l	98
17) Allyl chloride	2.678	41	40086	18.123	ug/l	96
18) Methylene Chloride	2.800	84	25450	18.916	ug/l	98
19) trans-1,2-Dichloroethene	3.105	96	23559	18.648	ug/l	94
20) Diisopropyl ether	3.763	45	79820	19.074	ug/l #	74
21) 1,1-Dichloroethane	3.623	63	44145	18.412	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	27439	18.629	ug/l	94
23) tert-Butyl Alcohol	2.959	59	10975	86.048	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	68403	18.367	ug/l	99
25) Chloroform	5.099	83	47440	19.223	ug/l	99
26) Cyclohexane	5.470	56	40664	18.588	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	31870	18.582	ug/l	99
30) 2-Butanone	4.562	43	67190	87.923	ug/l	99
31) 2,2-Dichloropropane	4.483	77	33695	22.131	ug/l #	72
32) 1,1,1-Trichloroethane	5.385	97	40373m	19.051	ug/l	
33) Carbon Tetrachloride	5.684	117	36243	19.271	ug/l	97
34) Benzene	6.044	78	96349	19.121	ug/l	98
35) Methacrylonitrile	4.922	41	16437	17.540	ug/l	98
36) 1,2-Dichloroethane	6.092	62	36848	19.328	ug/l	99
37) Trichloroethene	7.129	130	23450	18.546	ug/l	84
38) Methylcyclohexane	7.379	83	41647	19.131	ug/l	98
39) 1,2-Dichloropropane	7.427	63	22980	18.282	ug/l	99
40) Dibromomethane	7.586	93	17488	18.611	ug/l	99
41) Bromodichloromethane	7.824	83	35745	18.672	ug/l #	99
42) Vinyl Acetate	3.733	43	312533	94.779	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046629.D
Acq On : 11 Jun 2025 11:43
Operator : JC/MD
Sample : VX0611WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 12 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.727	43	28784m	17.781 ug/l	
44) Isopropyl Acetate	6.348	43	46270	18.274 ug/l	99
45) 1,4-Dioxane	7.659	88	5325	333.404 ug/l	95
46) Methyl methacrylate	7.696	41	24598	17.792 ug/l	95
47) n-amyl Acetate	10.841	43	42395	18.719 ug/l	99
48) t-1,3-Dichloropropene	8.982	75	31556	18.388 ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	36260	18.925 ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	22867	19.309 ug/l	91
51) Ethyl methacrylate	9.116	69	31684	17.595 ug/l	98
52) 1,3-Dichloropropane	9.305	76	39199	19.003 ug/l	98
53) Dibromochloromethane	9.519	129	25983	18.614 ug/l	98
54) 1,2-Dibromoethane	9.610	107	22948	18.422 ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	83845	89.155 ug/l	99
56) Bromoform	10.799	173	16248	18.835 ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	145927	89.348 ug/l	99
59) 2-Hexanone	9.427	43	99810	86.626 ug/l	98
61) Tetrachloroethene	9.275	164	19469	18.502 ug/l	99
62) Toluene	8.720	91	101985	18.742 ug/l	100
64) Chlorobenzene	10.079	112	65831	18.757 ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21528	18.302 ug/l	99
66) Ethyl Benzene	10.195	91	115559	18.599 ug/l	99
67) m/p-Xylenes	10.299	106	87609	38.121 ug/l	98
68) o-Xylene	10.640	106	40534	18.318 ug/l	99
69) Styrene	10.652	104	70877	18.687 ug/l	98
70) Isopropylbenzene	10.957	105	110495	18.607 ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	31918	18.298 ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	26680m	18.321 ug/l	
73) Bromobenzene	11.195	156	26281	18.881 ug/l	97
74) n-propylbenzene	11.299	91	135508	19.084 ug/l	100
75) 2-Chlorotoluene	11.360	91	81684	19.216 ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	92812	18.811 ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9125	18.549 ug/l	96
78) 4-Chlorotoluene	11.451	91	95401	19.398 ug/l	99
79) tert-butylbenzene	11.713	119	93057	18.912 ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	91989	18.878 ug/l	100
81) sec-Butylbenzene	11.890	105	119706	19.011 ug/l	100
82) p-Isopropyltoluene	12.006	119	99691	19.290 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	49426	19.076 ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	50441	19.358 ug/l	99
85) n-Butylbenzene	12.329	91	96674	19.418 ug/l	99
86) Hexachloroethane	12.536	117	16502	18.386 ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	47932	19.229 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6475	17.994 ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	30932	18.822 ug/l	100
90) Hexachlorobutadiene	13.725	225	13500	18.656 ug/l	98
91) Naphthalene	13.774	128	93504	17.934 ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	30955	19.190 ug/l	96

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

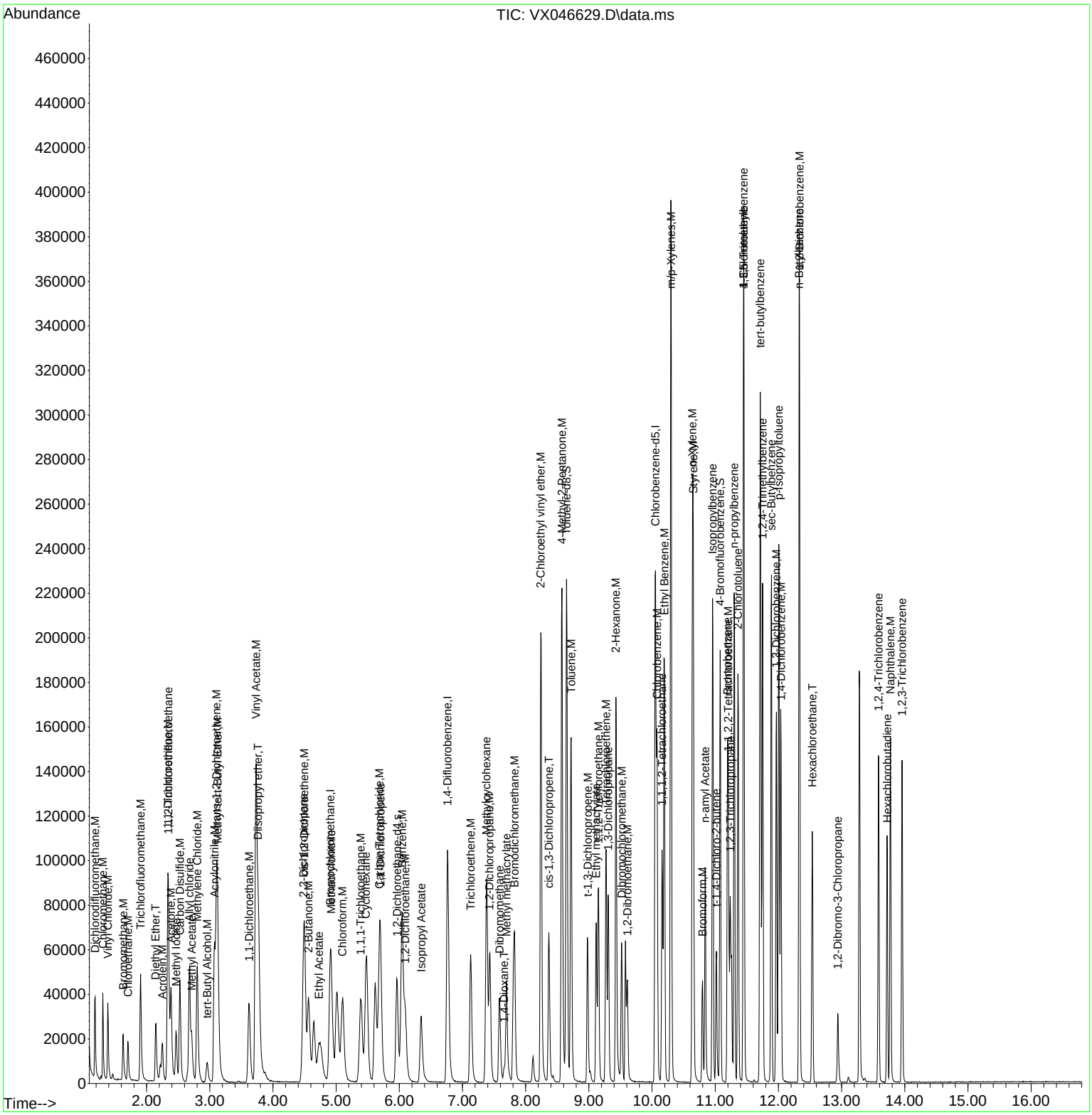
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046629.D
Acq On : 11 Jun 2025 11:43
Operator : JC/MD
Sample : VX0611WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 12 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



Raw Data: **VX046622.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:	VX0610WBSD02	SDG No.:	Q2203
Lab Sample ID:	VX0610WBSD02	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
VX046622.D	1		06/10/25 23:30	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.8		0.45	5.00	ug/L
108-88-3	Toluene	20.3		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	19.9		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	40.9		1.30	10.0	ug/L
95-47-6	o-Xylene	20.2		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.2		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.4		63 - 112	101%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	18400	4.916			
540-36-3	1,4-Difluorobenzene	97400	6.769			
3114-55-4	Chlorobenzene-d5	88500	10.055			

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046622.D
Acq On : 10 Jun 2025 23:30
Operator : JC/MD
Sample : VX0610WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jun 11 06:51:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.916	128	18375m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	97353	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88537	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	44954	30.223	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.733%			
60) 4-Bromofluorobenzene	11.079	95	45409	30.428	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.433%			
63) Toluene-d8	8.653	98	119552	30.230	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	22267	18.639	ug/l	99
3) Chloromethane	1.307	50	23004	18.690	ug/l	99
4) Vinyl Chloride	1.386	62	21932	18.483	ug/l	100
5) Bromomethane	1.630	94	14104	19.903	ug/l	98
6) Chloroethane	1.703	64	13101	19.218	ug/l	98
7) Trichlorofluoromethane	1.904	101	31941	18.793	ug/l	99
8) Diethyl Ether	2.148	74	11541	19.381	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	21564	19.070	ug/l	100
10) 1,1-Dichloroethene	2.337	96	20826	18.986	ug/l	94
11) Methyl Iodide	2.471	142	28303	18.926	ug/l	98
12) Methyl Acetate	2.715	43	22870	16.541	ug/l	98
13) Acrolein	2.252	56	15726	116.072	ug/l	96
14) Acrylonitrile	3.075	53	53672	94.460	ug/l	99
15) Acetone	2.386	58	12589	96.891	ug/l	88
16) Carbon Disulfide	2.532	76	57187	18.791	ug/l	97
17) Allyl chloride	2.678	41	37243	18.713	ug/l	97
18) Methylene Chloride	2.806	84	23915	19.755	ug/l	99
19) trans-1,2-Dichloroethene	3.111	96	21996	19.350	ug/l	96
20) Diisopropyl ether	3.776	45	74738	19.849	ug/l	96
21) 1,1-Dichloroethane	3.629	63	42281	19.599	ug/l	100
22) cis-1,2-Dichloroethene	4.507	96	24898	18.787	ug/l	94
23) tert-Butyl Alcohol	2.959	59	10968	95.573	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	65563	19.566	ug/l	99
25) Chloroform	5.111	83	43093	19.406	ug/l	99
26) Cyclohexane	5.483	56	38453	19.536	ug/l #	100
29) 1,1-Dichloropropene	5.708	75	30440	19.873	ug/l	99
30) 2-Butanone	4.568	43	65819	96.438	ug/l	99
31) 2,2-Dichloropropane	4.489	77	24858	18.281	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	37661	19.899	ug/l	98
33) Carbon Tetrachloride	5.690	117	33108	19.711	ug/l	97
34) Benzene	6.043	78	89286	19.840	ug/l	99
35) Methacrylonitrile	4.934	41	16095	19.231	ug/l	89
36) 1,2-Dichloroethane	6.098	62	33597	19.732	ug/l	99
37) Trichloroethene	7.135	130	21971	19.456	ug/l	98
38) Methylcyclohexane	7.385	83	38630	19.869	ug/l	97
39) 1,2-Dichloropropane	7.433	63	22120	19.704	ug/l	93
40) Dibromomethane	7.586	93	16776	19.990	ug/l	99
41) Bromodichloromethane	7.824	83	33893	19.824	ug/l	99
42) Vinyl Acetate	3.733	43	300035	101.879	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046622.D
Acq On : 10 Jun 2025 23:30
Operator : JC/MD
Sample : VX0610WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jun 11 06:51:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	4.727	43	28934m	20.013 ug/l	
44) Isopropyl Acetate	6.348	43	45312	20.037 ug/l	98
45) 1,4-Dioxane	7.659	88	5649	396.023 ug/l	97
46) Methyl methacrylate	7.696	41	24278	19.662 ug/l	97
47) n-amyl Acetate	10.841	43	41711	20.621 ug/l	99
48) t-1,3-Dichloropropene	8.982	75	29466	19.225 ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	33000	19.285 ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	21320	20.157 ug/l	93
51) Ethyl methacrylate	9.116	69	32299	20.083 ug/l	99
52) 1,3-Dichloropropane	9.311	76	36857	20.006 ug/l	98
53) Dibromochloromethane	9.518	129	24030	19.275 ug/l	98
54) 1,2-Dibromoethane	9.610	107	21215	19.069 ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	85863	102.228 ug/l	99
56) Bromoform	10.799	173	14734	19.125 ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	143464	99.617 ug/l	99
59) 2-Hexanone	9.433	43	102231	100.623 ug/l	99
61) Tetrachloroethene	9.275	164	18246	19.664 ug/l	97
62) Toluene	8.720	91	97601	20.341 ug/l	100
64) Chlorobenzene	10.079	112	61598	19.904 ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	20571	19.834 ug/l	99
66) Ethyl Benzene	10.195	91	109283	19.947 ug/l	99
67) m/p-Xylenes	10.299	106	82912	40.915 ug/l	96
68) o-Xylene	10.640	106	39503	20.246 ug/l	97
69) Styrene	10.652	104	68261	20.411 ug/l	100
70) Isopropylbenzene	10.963	105	105875	20.220 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	30972	20.136 ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	25660m	19.983 ug/l	
73) Bromobenzene	11.195	156	25119	20.466 ug/l	95
74) n-propylbenzene	11.305	91	128020	20.447 ug/l	99
75) 2-Chlorotoluene	11.360	91	76592	20.434 ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	89088	20.477 ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	7910	18.235 ug/l	95
78) 4-Chlorotoluene	11.451	91	90345	20.833 ug/l	100
79) tert-butylbenzene	11.713	119	87978	20.277 ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	88321	20.556 ug/l	97
81) sec-Butylbenzene	11.890	105	114511	20.625 ug/l	100
82) p-Isopropyltoluene	12.006	119	94966	20.840 ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47371	20.734 ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	46972	20.444 ug/l	98
85) n-Butylbenzene	12.329	91	90822	20.688 ug/l	100
86) Hexachloroethane	12.536	117	15461	19.536 ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	45048	20.495 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6118	19.282 ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	30003	20.704 ug/l	99
90) Hexachlorobutadiene	13.719	225	13247	20.761 ug/l	99
91) Naphthalene	13.774	128	91010	19.796 ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	29418	20.682 ug/l	99

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

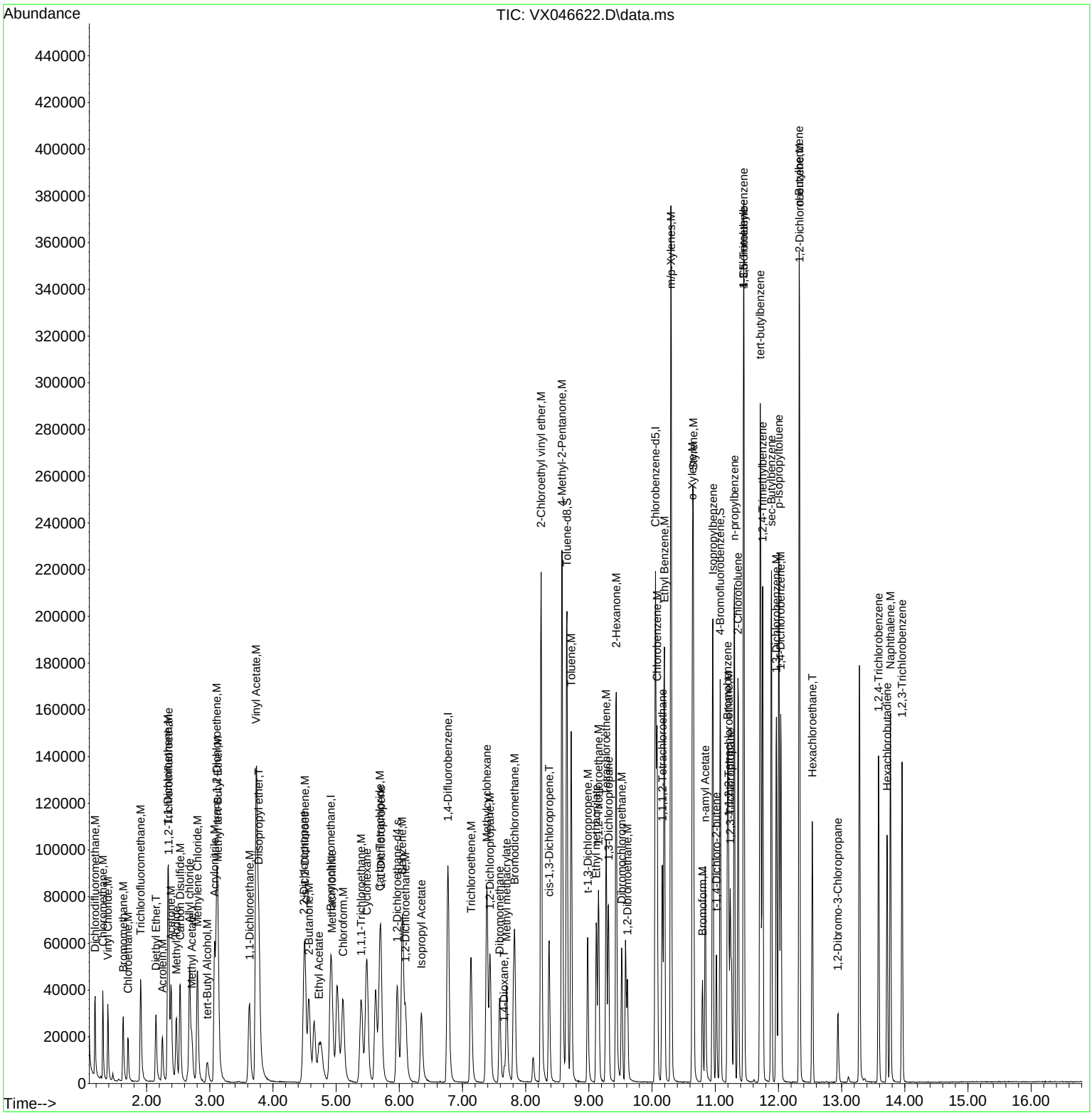
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046622.D
Acq On : 10 Jun 2025 23:30
Operator : JC/MD
Sample : VX0610WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jun 11 06:51:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



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Manual Integration Report

Sequence:	vx061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046586.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:36 AM	MMDadoda	6/11/2025 11:13:23 AM	Peak Integrated by Software
VSTDCCC050	VX046612.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:50 AM	MMDadoda	6/11/2025 11:13:46 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,1,1-Trichloroethane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,1-Dichloropropene	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2-Dibromoethane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2-Dichloropropane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Acrolein	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Diethyl Ether	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Methyl methacrylate	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICCC020	VX046615.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:58 AM	MMDadoda	6/11/2025 11:13:51 AM	Peak Integrated by Software
VSTDICCC020	VX046615.D	Ethyl Acetate	JOHN	6/11/2025 10:02:58 AM	MMDadoda	6/11/2025 11:13:51 AM	Peak Integrated by Software
VSTDICC050	VX046616.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:09 AM	MMDadoda	6/11/2025 11:13:53 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VX046617.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:14 AM	MMDadoda	6/11/2025 11:13:55 AM	Peak Integrated by Software
VSTDICC100	VX046617.D	Ethyl Acetate	JOHN	6/11/2025 10:03:14 AM	MMDadoda	6/11/2025 11:13:55 AM	Peak Integrated by Software
VSTDICC150	VX046618.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:18 AM	MMDadoda	6/11/2025 11:13:57 AM	Peak Integrated by Software
VSTDICC150	VX046618.D	Ethyl Acetate	JOHN	6/11/2025 10:03:18 AM	MMDadoda	6/11/2025 11:13:57 AM	Peak Integrated by Software
VSTDICV020	VX046620.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:22 AM	MMDadoda	6/11/2025 11:13:59 AM	Peak Integrated by Software
VSTDICV020	VX046620.D	tert-Butyl Alcohol	JOHN	6/11/2025 10:03:22 AM	MMDadoda	6/11/2025 11:13:59 AM	Peak Integrated by Software
VX0610WBS02	VX046621.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:27 AM	MMDadoda	6/11/2025 11:14:01 AM	Peak Integrated by Software
VX0610WBSD02	VX046622.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:33 AM	MMDadoda	6/11/2025 11:14:02 AM	Peak Integrated by Software
VX0610WBSD02	VX046622.D	Bromochloromethane	JOHN	6/11/2025 10:03:33 AM	MMDadoda	6/11/2025 11:14:02 AM	Peak Integrated by Software
VX0610WBSD02	VX046622.D	Ethyl Acetate	JOHN	6/11/2025 10:03:33 AM	MMDadoda	6/11/2025 11:14:02 AM	Peak Integrated by Software
Q2203-01	VX046624.D	Carbon Disulfide	JOHN	6/11/2025 10:03:39 AM	MMDadoda	6/11/2025 11:14:04 AM	Peak Integrated by Software
Q2203-01	VX046624.D	Methyl Acetate	JOHN	6/11/2025 10:03:39 AM	MMDadoda	6/11/2025 11:14:04 AM	Peak Integrated by Software
Q2203-04	VX046625.D	Carbon Disulfide	JOHN	6/11/2025 10:03:45 AM	MMDadoda	6/11/2025 11:14:06 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2203-04	VX046625.D	Ethyl Benzene	JOHN	6/11/2025 10:03:45 AM	MMDadoda	6/11/2025 11:14:06 AM	Peak Integrated by Software
VSTDCCC020	VX046626.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:50 AM	MMDadoda	6/11/2025 11:14:07 AM	Peak Integrated by Software
VSTDCCC020	VX046626.D	Ethyl Acetate	JOHN	6/11/2025 10:03:50 AM	MMDadoda	6/11/2025 11:14:07 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX061125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VX046628.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:58:34 AM	MMDadoda	6/12/2025 3:52:37 PM	Peak Integrated by Software
VSTDCCC020	VX046628.D	2,2-Dichloropropane	JOHN	6/12/2025 9:58:34 AM	MMDadoda	6/12/2025 3:52:37 PM	Peak Integrated by Software
VSTDCCC020	VX046628.D	Ethyl Acetate	JOHN	6/12/2025 9:58:34 AM	MMDadoda	6/12/2025 3:52:37 PM	Peak Integrated by Software
VX0611WBS01	VX046629.D	1,1,1-Trichloroethane	JOHN	6/12/2025 9:58:38 AM	MMDadoda	6/12/2025 3:52:39 PM	Peak Integrated by Software
VX0611WBS01	VX046629.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:58:38 AM	MMDadoda	6/12/2025 3:52:39 PM	Peak Integrated by Software
VX0611WBS01	VX046629.D	Chloroethane	JOHN	6/12/2025 9:58:38 AM	MMDadoda	6/12/2025 3:52:39 PM	Peak Integrated by Software
VX0611WBS01	VX046629.D	Ethyl Acetate	JOHN	6/12/2025 9:58:38 AM	MMDadoda	6/12/2025 3:52:39 PM	Peak Integrated by Software
Q2203-01DL	VX046632.D	Carbon Disulfide	JOHN	6/11/2025 2:30:01 PM	MMDadoda	6/12/2025 3:52:44 PM	Peak Integrated by Software
Q2203-04DL	VX046633.D	2-Butanone	JOHN	6/11/2025 2:30:05 PM	MMDadoda	6/12/2025 3:52:48 PM	Peak Integrated by Software
Q2203-04DL	VX046633.D	Carbon Disulfide	JOHN	6/11/2025 2:30:05 PM	MMDadoda	6/12/2025 3:52:48 PM	Peak Integrated by Software
VSTDCCC050	VX046636.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:58:51 AM	MMDadoda	6/12/2025 3:52:52 PM	Peak Integrated by Software
VSTDCCC050	VX046636.D	Chloroethane	JOHN	6/12/2025 9:58:51 AM	MMDadoda	6/12/2025 3:52:52 PM	Peak Integrated by Software
VSTDCCC050	VX046655.D	1,2,3-Trichloropropane	JOHN	6/12/2025 10:00:06 AM	MMDadoda	6/12/2025 3:53:28 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX061125	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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046585.D	10 Jun 2025 08:36	JC/MD	Ok
2	VSTDCCC050	VX046586.D	10 Jun 2025 09:07	JC/MD	Ok,M
3	VX0610MBL01	VX046587.D	10 Jun 2025 09:36	JC/MD	Ok
4	VX0610WBL01	VX046588.D	10 Jun 2025 09:57	JC/MD	Ok
5	VX0610WBS01	VX046589.D	10 Jun 2025 10:18	JC/MD	Ok,M
6	VX0610WBSD01	VX046590.D	10 Jun 2025 10:44	JC/MD	Ok,M
7	Q2262-02	VX046591.D	10 Jun 2025 11:05	JC/MD	Ok
8	Q2262-04	VX046592.D	10 Jun 2025 11:27	JC/MD	Ok
9	IBLK	VX046593.D	10 Jun 2025 11:48	JC/MD	Ok
10	Q2230-01	VX046594.D	10 Jun 2025 12:09	JC/MD	Ok
11	Q2230-06	VX046595.D	10 Jun 2025 12:30	JC/MD	Ok
12	Q2233-01DL	VX046596.D	10 Jun 2025 12:51	JC/MD	Ok
13	Q2233-03DL	VX046597.D	10 Jun 2025 13:13	JC/MD	Ok
14	Q2233-04DL	VX046598.D	10 Jun 2025 13:34	JC/MD	Ok
15	Q2234-01DL	VX046599.D	10 Jun 2025 13:55	JC/MD	Ok
16	IBLK	VX046600.D	10 Jun 2025 14:16	JC/MD	Ok
17	Q2230-05	VX046601.D	10 Jun 2025 14:38	JC/MD	Ok,M
18	Q2230-02	VX046602.D	10 Jun 2025 14:59	JC/MD	Ok,M
19	Q2230-03MS	VX046603.D	10 Jun 2025 15:20	JC/MD	Not Ok
20	Q2230-04MSD	VX046604.D	10 Jun 2025 15:42	JC/MD	Not Ok
21	IBLK	VX046605.D	10 Jun 2025 16:03	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2249-01	VX046606.D	10 Jun 2025 16:24	JC/MD	Not Ok
23	IBLK	VX046607.D	10 Jun 2025 16:46	JC/MD	Ok
24	Q2233-01	VX046608.D	10 Jun 2025 17:07	JC/MD	Dilution
25	Q2233-03	VX046609.D	10 Jun 2025 17:28	JC/MD	Dilution
26	Q2233-04	VX046610.D	10 Jun 2025 17:50	JC/MD	Dilution
27	Q2234-01	VX046611.D	10 Jun 2025 18:11	JC/MD	Dilution
28	VSTDCCC050	VX046612.D	10 Jun 2025 18:53	JC/MD	Ok,M
29	BFB	VX046613.D	10 Jun 2025 19:57	JC/MD	Ok
30	VSTDICC005	VX046614.D	10 Jun 2025 20:19	JC/MD	Ok,M
31	VSTDICCC020	VX046615.D	10 Jun 2025 20:40	JC/MD	Ok,M
32	VSTDICC050	VX046616.D	10 Jun 2025 21:01	JC/MD	Ok,M
33	VSTDICC100	VX046617.D	10 Jun 2025 21:22	JC/MD	Ok,M
34	VSTDICC150	VX046618.D	10 Jun 2025 21:44	JC/MD	Ok,M
35	IBLK	VX046619.D	10 Jun 2025 22:05	JC/MD	Ok
36	VSTDICV020	VX046620.D	10 Jun 2025 22:26	JC/MD	Ok,M
37	VX0610WBS02	VX046621.D	10 Jun 2025 23:09	JC/MD	Ok,M
38	VX0610WBSD02	VX046622.D	10 Jun 2025 23:30	JC/MD	Ok,M
39	VX0610WBL02	VX046623.D	11 Jun 2025 00:12	JC/MD	Ok
40	Q2203-01	VX046624.D	11 Jun 2025 00:33	JC/MD	Dilution
41	Q2203-04	VX046625.D	11 Jun 2025 00:54	JC/MD	Dilution
42	VSTDCCC020	VX046626.D	11 Jun 2025 01:16	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061125

Review By	John Carlone	Review On	6/12/2025 10:06:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/12/2025 3:53:50 PM		
SubDirectory	VX061125	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134259,VP134275
Initial Calibration Stds	VP134316,VP134317,VP134318,VP134319,VP134320
CCC	VP134260,VP134261,VP134276,VP134277
Internal Standard/PEM	
ICV/I.BLK	VP134321
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046627.D	11 Jun 2025 10:45	JC/MD	Ok
2	VSTDCCC020	VX046628.D	11 Jun 2025 11:12	JC/MD	Ok,M
3	VX0611WBS01	VX046629.D	11 Jun 2025 11:43	JC/MD	Ok,M
4	VX0611WBSD01	VX046630.D	11 Jun 2025 12:09	JC/MD	Ok,M
5	VX0611WBL01	VX046631.D	11 Jun 2025 12:31	JC/MD	Ok
6	Q2203-01DL	VX046632.D	11 Jun 2025 12:57	JC/MD	Ok,M
7	Q2203-04DL	VX046633.D	11 Jun 2025 13:18	JC/MD	Ok,M
8	Q2264-01	VX046634.D	11 Jun 2025 13:40	JC/MD	Ok,M
9	BFB	VX046635.D	11 Jun 2025 14:01	JC/MD	Ok
10	VSTDCCC050	VX046636.D	11 Jun 2025 14:46	JC/MD	Ok,M
11	VX0611WBL02	VX046637.D	11 Jun 2025 15:14	JC/MD	Ok
12	VX0611MBL01	VX046638.D	11 Jun 2025 15:36	JC/MD	Ok
13	VX0611WBS02	VX046639.D	11 Jun 2025 15:58	JC/MD	Ok,M
14	VX0611WBSD02	VX046640.D	11 Jun 2025 16:25	JC/MD	Ok,M
15	Q2230-03MS	VX046641.D	11 Jun 2025 16:47	JC/MD	Not Ok
16	Q2230-04MSD	VX046642.D	11 Jun 2025 17:09	JC/MD	Ok,M
17	IBLK	VX046643.D	11 Jun 2025 17:31	JC/MD	Ok
18	Q2249-01	VX046644.D	11 Jun 2025 17:53	JC/MD	ReRun
19	Q2271-04	VX046645.D	11 Jun 2025 18:15	JC/MD	ReRun
20	Q2272-04	VX046646.D	11 Jun 2025 18:37	JC/MD	ReRun
21	Q2273-04	VX046647.D	11 Jun 2025 18:59	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061125

Review By	John Carlone	Review On	6/12/2025 10:06:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/12/2025 3:53:50 PM		
SubDirectory	VX061125	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134259,VP134275
Initial Calibration Stds	VP134316,VP134317,VP134318,VP134319,VP134320
CCC	VP134260,VP134261,VP134276,VP134277
Internal Standard/PEM	
ICV/I.BLK	VP134321
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2273-08	VX046648.D	11 Jun 2025 19:21	JC/MD	ReRun
23	Q2274-04	VX046649.D	11 Jun 2025 19:43	JC/MD	ReRun
24	Q2278-04	VX046650.D	11 Jun 2025 20:04	JC/MD	ReRun
25	Q2280-02	VX046651.D	11 Jun 2025 20:26	JC/MD	ReRun
26	Q2280-04	VX046652.D	11 Jun 2025 20:48	JC/MD	ReRun
27	Q2285-05	VX046653.D	11 Jun 2025 21:10	JC/MD	ReRun
28	PB168370TB	VX046654.D	11 Jun 2025 21:32	JC/MD	Ok,M
29	VSTDCCC050	VX046655.D	11 Jun 2025 21:53	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
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	VX046585.D	10 Jun 2025 08:36		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046586.D	10 Jun 2025 09:07	pH#Lot#V12668	JC/MD	Ok,M
3	VX0610MBL01	VX0610MBL01	VX046587.D	10 Jun 2025 09:36		JC/MD	Ok
4	VX0610WBL01	VX0610WBL01	VX046588.D	10 Jun 2025 09:57		JC/MD	Ok
5	VX0610WBS01	VX0610WBS01	VX046589.D	10 Jun 2025 10:18		JC/MD	Ok,M
6	VX0610WBSD01	VX0610WBSD01	VX046590.D	10 Jun 2025 10:44		JC/MD	Ok,M
7	Q2262-02	ARS20-0032	VX046591.D	10 Jun 2025 11:05	vial B pH#5.0	JC/MD	Ok
8	Q2262-04	ARS20-0001	VX046592.D	10 Jun 2025 11:27	vial B pH#5.0	JC/MD	Ok
9	IBLK	IBLK	VX046593.D	10 Jun 2025 11:48		JC/MD	Ok
10	Q2230-01	FB-060425	VX046594.D	10 Jun 2025 12:09	vial A pH<2 FB	JC/MD	Ok
11	Q2230-06	TB060425	VX046595.D	10 Jun 2025 12:30	vial A pH<2 TB	JC/MD	Ok
12	Q2233-01DL	MW-18B-56-060425DL	VX046596.D	10 Jun 2025 12:51	vial B pH<2	JC/MD	Ok
13	Q2233-03DL	MW-18B-56-060425-FD	VX046597.D	10 Jun 2025 13:13	vial B pH<2	JC/MD	Ok
14	Q2233-04DL	MW-19B-72-060425DL	VX046598.D	10 Jun 2025 13:34	vial B pH<2	JC/MD	Ok
15	Q2234-01DL	MW-17B-55-060425DL	VX046599.D	10 Jun 2025 13:55	vial B pH<2	JC/MD	Ok
16	IBLK	IBLK	VX046600.D	10 Jun 2025 14:16		JC/MD	Ok
17	Q2230-05	GW-MW901-060425	VX046601.D	10 Jun 2025 14:38	vial A pH<2	JC/MD	Ok,M
18	Q2230-02	GW-MW01-060425	VX046602.D	10 Jun 2025 14:59	vial A pH<2	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2230-03MS	GW-MW01-060425MS	VX046603.D	10 Jun 2025 15:20	Internal Standard Fail; Surrogate Fail;Spike not added	JC/MD	Not Ok
20	Q2230-04MSD	GW-MW01-060425MSI	VX046604.D	10 Jun 2025 15:42	Internal Standard Fail; Surrogate Fail;Spike not added	JC/MD	Not Ok
21	IBLK	IBLK	VX046605.D	10 Jun 2025 16:03		JC/MD	Ok
22	Q2249-01	MW-06-6.5-060525	VX046606.D	10 Jun 2025 16:24	Run @ lower dilution	JC/MD	Not Ok
23	IBLK	IBLK	VX046607.D	10 Jun 2025 16:46		JC/MD	Ok
24	Q2233-01	MW-18B-56-060425	VX046608.D	10 Jun 2025 17:07	vial A pH<2 Need 10X	JC/MD	Dilution
25	Q2233-03	MW-18B-56-060425-FD	VX046609.D	10 Jun 2025 17:28	vial A pH<2 Need 10X	JC/MD	Dilution
26	Q2233-04	MW-19B-72-060425	VX046610.D	10 Jun 2025 17:50	vial A pH<2 Need 100X	JC/MD	Dilution
27	Q2234-01	MW-17B-55-060425	VX046611.D	10 Jun 2025 18:11	vial A pH<2 Need 100X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX046612.D	10 Jun 2025 18:53		JC/MD	Ok,M
29	BFB	BFB	VX046613.D	10 Jun 2025 19:57		JC/MD	Ok
30	VSTDICC005	VSTDICC005	VX046614.D	10 Jun 2025 20:19		JC/MD	Ok,M
31	VSTDICCC020	VSTDICCC020	VX046615.D	10 Jun 2025 20:40		JC/MD	Ok,M
32	VSTDICC050	VSTDICC050	VX046616.D	10 Jun 2025 21:01		JC/MD	Ok,M
33	VSTDICC100	VSTDICC100	VX046617.D	10 Jun 2025 21:22		JC/MD	Ok,M
34	VSTDICC150	VSTDICC150	VX046618.D	10 Jun 2025 21:44		JC/MD	Ok,M
35	IBLK	IBLK	VX046619.D	10 Jun 2025 22:05		JC/MD	Ok
36	VSTDICV020	ICVVX061025	VX046620.D	10 Jun 2025 22:26		JC/MD	Ok,M
37	VX0610WBS02	VX0610WBS02	VX046621.D	10 Jun 2025 23:09		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	VX0610WBSD02	VX0610WBSD02	VX046622.D	10 Jun 2025 23:30		JC/MD	Ok,M
39	VX0610WBL02	VX0610WBL02	VX046623.D	11 Jun 2025 00:12		JC/MD	Ok
40	Q2203-01	001-WILLETS-PT-BLVD	VX046624.D	11 Jun 2025 00:33	vial A pH<2 Need 5X	JC/MD	Dilution
41	Q2203-04	002-35TH-AVE(JUNE)	VX046625.D	11 Jun 2025 00:54	vial A pH<2 Need 5X	JC/MD	Dilution
42	VSTDCCC020	VSTDCCC020EC	VX046626.D	11 Jun 2025 01:16		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061125

Review By	John Carlone	Review On	6/12/2025 10:06:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/12/2025 3:53:50 PM		
SubDirectory	VX061125	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134259,VP134275
Initial Calibration Stds	VP134316,VP134317,VP134318,VP134319,VP134320
CCC	VP134260,VP134261,VP134276,VP134277
Internal Standard/PEM	
ICV/I.BLK	VP134321
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046627.D	11 Jun 2025 10:45		JC/MD	Ok
2	VSTDCCC020	VSTDCCC020	VX046628.D	11 Jun 2025 11:12	pH#Lot#V12668	JC/MD	Ok,M
3	VX0611WBS01	VX0611WBS01	VX046629.D	11 Jun 2025 11:43		JC/MD	Ok,M
4	VX0611WBSD01	VX0611WBSD01	VX046630.D	11 Jun 2025 12:09		JC/MD	Ok,M
5	VX0611WBL01	VX0611WBL01	VX046631.D	11 Jun 2025 12:31		JC/MD	Ok
6	Q2203-01DL	001-WILLETS-PT-BLVD	VX046632.D	11 Jun 2025 12:57	vial B pH<2	JC/MD	Ok,M
7	Q2203-04DL	002-35TH-AVE(JUNE)D	VX046633.D	11 Jun 2025 13:18	vial B pH<2	JC/MD	Ok,M
8	Q2264-01	EFF-WW	VX046634.D	11 Jun 2025 13:40	vial A pH<2 foamy sample	JC/MD	Ok,M
9	BFB	BFB	VX046635.D	11 Jun 2025 14:01		JC/MD	Ok
10	VSTDCCC050	VSTDCCC050	VX046636.D	11 Jun 2025 14:46		JC/MD	Ok,M
11	VX0611WBL02	VX0611WBL02	VX046637.D	11 Jun 2025 15:14		JC/MD	Ok
12	VX0611MBL01	VX0611MBL01	VX046638.D	11 Jun 2025 15:36		JC/MD	Ok
13	VX0611WBS02	VX0611WBS02	VX046639.D	11 Jun 2025 15:58		JC/MD	Ok,M
14	VX0611WBSD02	VX0611WBSD02	VX046640.D	11 Jun 2025 16:25		JC/MD	Ok,M
15	Q2230-03MS	GW-MW01-060425MS	VX046641.D	11 Jun 2025 16:47	Recovery failed above 50% compound of client ask parameter	JC/MD	Not Ok
16	Q2230-04MSD	GW-MW01-060425MSD	VX046642.D	11 Jun 2025 17:09		JC/MD	Ok,M
17	IBLK	IBLK	VX046643.D	11 Jun 2025 17:31		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061125

Review By	John Carlone	Review On	6/12/2025 10:06:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/12/2025 3:53:50 PM		
SubDirectory	VX061125	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134259,VP134275
Initial Calibration Stds	VP134316,VP134317,VP134318,VP134319,VP134320
CCC	VP134260,VP134261,VP134276,VP134277
Internal Standard/PEM	
ICV/I.BLK	VP134321
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2249-01	MW-06-6.5-060525	VX046644.D	11 Jun 2025 17:53	Internal Standard Fail	JC/MD	ReRun
19	Q2271-04	TP12-MHK-WC	VX046645.D	11 Jun 2025 18:15	Internal Standard Fail	JC/MD	ReRun
20	Q2272-04	TP-6	VX046646.D	11 Jun 2025 18:37	Internal Standard Fail ;Surrogate fail	JC/MD	ReRun
21	Q2273-04	WC-4	VX046647.D	11 Jun 2025 18:59	Internal Standard Fail	JC/MD	ReRun
22	Q2273-08	WC-6	VX046648.D	11 Jun 2025 19:21	Internal Standard Fail ;Surrogate fail	JC/MD	ReRun
23	Q2274-04	TP-13-MHP-WC	VX046649.D	11 Jun 2025 19:43	Internal Standard Fail; Surrogate fail	JC/MD	ReRun
24	Q2278-04	TP-2	VX046650.D	11 Jun 2025 20:04	Surrogate Fail	JC/MD	ReRun
25	Q2280-02	VNJ-210	VX046651.D	11 Jun 2025 20:26	Internal Standard Fail	JC/MD	ReRun
26	Q2280-04	RT-4643	VX046652.D	11 Jun 2025 20:48	Internal Standard Fail	JC/MD	ReRun
27	Q2285-05	HAM-CONCRETE	VX046653.D	11 Jun 2025 21:10	Internal Standard Fail	JC/MD	ReRun
28	PB168370TB	PB168370TB	VX046654.D	11 Jun 2025 21:32		JC/MD	Ok,M
29	VSTDCCC050	VSTDCCC050EC	VX046655.D	11 Jun 2025 21:53		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2203/04

COC Number:

CLIENT INFORMATION

COMPANY: Tully Environmental Inc.
ADDRESS: 57 Seaview Blvd
CITY: Pt Washington STATE: NY ZIP: 11050
ATTENTION: Dean Devoe
PHONE: 718 446 7000 FAX:

PROJECT INFORMATION

PROJECT NAME: Transfer Station SPDES
PROJECT #: 252113 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- * RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format_____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____

ANALYSIS

	Cu, Fe, Pb	BOD5	TSS	Hg 1631LL	BTEX	O&G/ Ammonia			
	1	2	3	4	5	6	7	8	9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (June)	W		X	6/3/25	1:30		X	X	X	X	X	X				
2.	002 35th Ave (June)	W		X	6/3/25	1:30		X	X	X	X	X	X				
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. D Devoe	June 3, 2025	1.
RELINQUISHED BY 2.	DATE/TIME 1154 6/4/25	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.4
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: Yes
Comments:

Page_____of_____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2203 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 6/4/2025 12:05:00 PM
Project Name : Transfer Station-SPDES
Receive DateTime : 6/4/2025 11:54:00 AM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2203-01	001-WILLETS-PT-BLVD(JUNE)	Water	~~06/04/2025~~ 06/03/2025	13:30	VOC-BTEX		624.1		5 Bus. Days
Q2203-04	002-35TH-AVE(JUNE)	Water	~~06/04/2025~~ 06/03/2025	13:30	VOC-BTEX		624.1		5 Bus. Days

Relinguished By : JW
Date / Time : 6/4/25 1225

Received By : Jerry
Date / Time : 06/04/25 12:25 Rpt #5

Storage Area : VOA Refridgerator Room