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Cover Page

Order ID : Q2579

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number	Client Sample Number
Q2579-01	WC-A2-13-G
Q2579-02	WC-A2-13-C
Q2579-03	WC-A2-13-C
Q2579-04	WC-A2-13-C
Q2579-05	WC-A2-14-G
Q2579-06	WC-A2-14-C
Q2579-07	WC-A2-14-C
Q2579-08	WC-A2-14-C

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: 7/19/2025

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 #: **Q2579**

	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: **PRATHA PARGHI** **Date:** **07/19/2025**

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LAB CHRONICLE

OrderID:	Q2579	**OrderDate:**	7/10/2025 3:31:00 PM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2579-01	**WC-A2-13-G**	**TCLP**			**07/10/25**			**07/10/25**
			TCLP VOA	8260D			07/14/25	
Q2579-01RE	**WC-A2-13-GRE**	**TCLP**			**07/10/25**			**07/10/25**
			TCLP VOA	8260D			07/15/25	
Q2579-05	**WC-A2-14-G**	**TCLP**			**07/10/25**			**07/10/25**
			TCLP VOA	8260D			07/14/25	
Q2579-05RE	**WC-A2-14-GRE**	**TCLP**			**07/10/25**			**07/10/25**
			TCLP VOA	8260D			07/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2579

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2579

Client: ENTACT

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2579-01	WC-A2-13-G	1,2-Dichloroethane-d4	50	52.3	105		70 (74)	130 (125)
		Dibromofluoromethane	50	0.18	0	*	70 (75)	130 (124)
		Toluene-d8	50	48.4	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.0	104		70 (77)	130 (121)
Q2579-01RE	WC-A2-13-GRE	1,2-Dichloroethane-d4	50	53.9	108		70 (74)	130 (125)
		Dibromofluoromethane	50	0.11	0	*	70 (75)	130 (124)
		Toluene-d8	50	48.7	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.5	105		70 (77)	130 (121)
Q2579-05	WC-A2-14-G	1,2-Dichloroethane-d4	50	53.0	106		70 (74)	130 (125)
		Dibromofluoromethane	50	0.14	0	*	70 (75)	130 (124)
		Toluene-d8	50	48.5	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104		70 (77)	130 (121)
Q2579-05RE	WC-A2-14-GRE	1,2-Dichloroethane-d4	50	53.8	108		70 (74)	130 (125)
		Dibromofluoromethane	50	0.10	0	*	70 (75)	130 (124)
		Toluene-d8	50	47.8	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105		70 (77)	130 (121)
VX0714WBL01	VX0714WBL01	1,2-Dichloroethane-d4	50	54.0	108		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	48.7	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104		70 (77)	130 (121)
VX0714WBS01	VX0714WBS01	1,2-Dichloroethane-d4	50	55.5	111		70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107		70 (75)	130 (124)
		Toluene-d8	50	52.6	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.0	110		70 (77)	130 (121)
VX0714WBSD0	VX0714WBSD01	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	54.4	109		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.8	110		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q2579

Client: ENTACT

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX0715WBL01	VX0715WBL01	1,2-Dichloroethane-d4	50	52.2	104		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	48.2	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.3	105		70 (77)	130 (121)
VX0715WBS01	VX0715WBS01	1,2-Dichloroethane-d4	50	50.9	102		70 (74)	130 (125)
		Dibromofluoromethane	50	48.3	97		70 (75)	130 (124)
		Toluene-d8	50	47.4	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2579 **Analytical Method:** SW8260D

Client: ENTACT **Datafile :** VX046968.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0714WBS01	Vinyl chloride	20	17.4	ug/L	87			70 (65)	130 (117)	
	1,1-Dichloroethene	20	17.1	ug/L	86			70 (74)	130 (110)	
	2-Butanone	100	140	ug/L	140			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.8	ug/L	94			70 (77)	130 (113)	
	Chloroform	20	19.9	ug/L	100			70 (79)	130 (113)	
	Benzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	Tetrachloroethene	20	18.4	ug/L	92			70 (67)	130 (123)	
	Chlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2579 **Analytical Method:** SW8260D

Client: ENTACT **Datafile :** VX046969.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0714WBSD01	Vinyl chloride	20	17.0	ug/L	85	2		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	18.3	ug/L	92	7		70 (74)	130 (110)	20 (20)
	2-Butanone	100	140	ug/L	140	0		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.8	ug/L	94	0		70 (77)	130 (113)	20 (15)
	Chloroform	20	20.4	ug/L	102	2		70 (79)	130 (113)	20 (20)
	Benzene	20	19.2	ug/L	96	0		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.7	ug/L	104	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.4	ug/L	92	1		70 (77)	130 (113)	20 (15)
	Tetrachloroethene	20	18.8	ug/L	94	2		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.2	ug/L	96	1		70 (82)	130 (109)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2579 **Analytical Method:** SW8260-Low

Client: ENTACT **Datafile :** VX046991.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0715WBS01	Vinyl chloride	20	17.3	ug/L	86			70 (65)	130 (117)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	2-Butanone	100	130	ug/L	130			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	Chloroform	20	20.2	ug/L	101			70 (79)	130 (113)	
	Benzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.3	ug/L	102			70 (80)	130 (115)	
	Trichloroethene	20	18.6	ug/L	93			70 (77)	130 (113)	
	Tetrachloroethene	20	17.9	ug/L	90			70 (67)	130 (123)	
	Chlorobenzene	20	19.2	ug/L	96			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0714WBL01

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2579

Lab File ID: VX046963.D Lab Sample ID: VX0714WBL01

Date Analyzed: 07/14/2025 Time Analyzed: 11:18

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0714WBS01	VX0714WBS01	VX046968.D	07/14/2025
VX0714WBSD01	VX0714WBSD01	VX046969.D	07/14/2025
WC-A2-13-G	Q2579-01	VX046981.D	07/14/2025
WC-A2-14-G	Q2579-05	VX046982.D	07/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0715WBL01

Lab Name: Alliance | Contract: ENTA05

Lab Code: ACE | SDG NO.: Q2579

Lab File ID: VX046990.D | Lab Sample ID: VX0715WBL01

Date Analyzed: 07/15/2025 | Time Analyzed: 11:00

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
VX0715WBS01	VX0715WBS01	VX046991.D	07/15/2025
WC-A2-13-GRE	Q2579-01RE	VX046998.D	07/15/2025
WC-A2-14-GRE	Q2579-05RE	VX046999.D	07/15/2025

COMMENTS:

Raw Data: **VX046859.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG NO.: Q2579
Lab File ID: VX046859.D
BFB Injection Date: 07/02/2025
Instrument ID: MSVOA_X
BFB Injection Time: 11:12
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX046860.D	07/02/2025	12:11
VSTDICC005	VSTDICC005	VX046861.D	07/02/2025	12:37
VSTDICC020	VSTDICC020	VX046862.D	07/02/2025	13:18
VSTDICCC050	VSTDICCC050	VX046863.D	07/02/2025	13:39
VSTDICC100	VSTDICC100	VX046864.D	07/02/2025	14:10
VSTDICC150	VSTDICC150	VX046865.D	07/02/2025	14:31

Raw Data: **VX046960.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG NO.: Q2579
Lab File ID: VX046960.D
BFB Injection Date: 07/14/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:10
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	51.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	75.2
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1
176	95.0 - 101.0% of mass 174	73.8 (98.2) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046961.D	07/14/2025	09:16
VX0714WBL01	VX0714WBL01	VX046963.D	07/14/2025	11:18
VX0714WBS01	VX0714WBS01	VX046968.D	07/14/2025	13:10
VX0714WBSD01	VX0714WBSD01	VX046969.D	07/14/2025	13:37
WC-A2-13-G	Q2579-01	VX046981.D	07/14/2025	17:53
WC-A2-14-G	Q2579-05	VX046982.D	07/14/2025	18:14

Raw Data: **VX046987.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG NO.: Q2579
Lab File ID: VX046987.D
BFB Injection Date: 07/15/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:29
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	52
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	74.1
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72.6 (97.9) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046988.D	07/15/2025	10:18
VX0715WBL01	VX0715WBL01	VX046990.D	07/15/2025	11:00
VX0715WBS01	VX0715WBS01	VX046991.D	07/15/2025	11:21
WC-A2-13-GRE	Q2579-01RE	VX046998.D	07/15/2025	13:54
WC-A2-14-GRE	Q2579-05RE	VX046999.D	07/15/2025	14:16

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2579

Lab File ID: VX046961.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

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	302863	5.56	503750	6.76	451308	10.05
UPPER LIMIT	605726	6.056	1007500	7.263	902616	10.549
LOWER LIMIT	151432	5.056	251875	6.263	225654	9.549
EPA SAMPLE NO.						
WC-A2-13-G	354879	5.56	603011	6.77	549695	10.06
WC-A2-14-G	353132	5.56	601642	6.77	548369	10.06
VX0714WBL01	330854	5.56	558126	6.77	513014	10.06
VX0714WBS01	311322	5.57	518025	6.77	465228	10.06
VX0714WBSD01	295675	5.56	497201	6.77	449456	10.06

IS1 = Pentafluorobenzene
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: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2579

Lab File ID: VX046961.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

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

	IS4 AREA #	RT #				
12 HOUR STD	220043	12.018				
UPPER LIMIT	440086	12.518				
LOWER LIMIT	110022	11.518				
EPA SAMPLE NO.						
WC-A2-13-G	285450	12.02				
WC-A2-14-G	283025	12.02				
VX0714WBL01	263407	12.02				
VX0714WBS01	241384	12.02				
VX0714WBSD01	230311	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2579

Lab File ID: VX046988.D Date Analyzed: 07/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:18

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	298555	5.56	499158	6.76	443564	10.06
UPPER LIMIT	597110	6.056	998316	7.263	887128	10.555
LOWER LIMIT	149278	5.056	249579	6.263	221782	9.555
EPA SAMPLE NO.						
WC-A2-13-GRE	352031	5.56	597406	6.77	550618	10.06
WC-A2-14-GRE	339200	5.56	586472	6.77	536571	10.06
VX0715WBL01	334020	5.56	564806	6.77	510782	10.06
VX0715WBS01	318386	5.56	538385	6.77	482579	10.06

IS1 = Pentafluorobenzene
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: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2579

Lab File ID: VX046988.D Date Analyzed: 07/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:18

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

	IS4 AREA #	RT #				
12 HOUR STD	217822	12.018				
UPPER LIMIT	435644	12.518				
LOWER LIMIT	108911	11.518				
EPA SAMPLE NO.						
WC-A2-13-GRE	287789	12.02				
WC-A2-14-GRE	277997	12.02				
VX0715WBL01	265478	12.02				
VX0715WBS01	241598	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VX046981.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-A2-13-G	SDG No.:	Q2579
Lab Sample ID:	Q2579-01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046981.D	1	07/14/25 17:53	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	0.18	*	70 (75) - 130 (124)	0%	SPK: 50
2037-26-5	Toluene-d8	48.4		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	355000	5.562			
540-36-3	1,4-Difluorobenzene	603000	6.769			
3114-55-4	Chlorobenzene-d5	550000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	285000	12.018			

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: **VX046981.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046981.D
Acq On : 14 Jul 2025 17:53
Operator : JC/MD
Sample : Q2579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 01:25:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	354879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	603011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	285450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	245018	52.262	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.568	113	739m	0.181	ug/l	0.17
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.360%#			
50) Toluene-d8	8.653	98	699230	48.417	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.840%			
62) 4-Bromofluorobenzene	11.079	95	285220	51.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.920%			
Target Compounds						Qvalue
16) Acetone	2.386	43	101530	69.719	ug/l	93
20) Methylene Chloride	2.800	84	22186	5.152	ug/l	96
95) Naphthalene	13.774	128	1724711	106.357	ug/l	100

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

Sample Results: **VX046981.D**

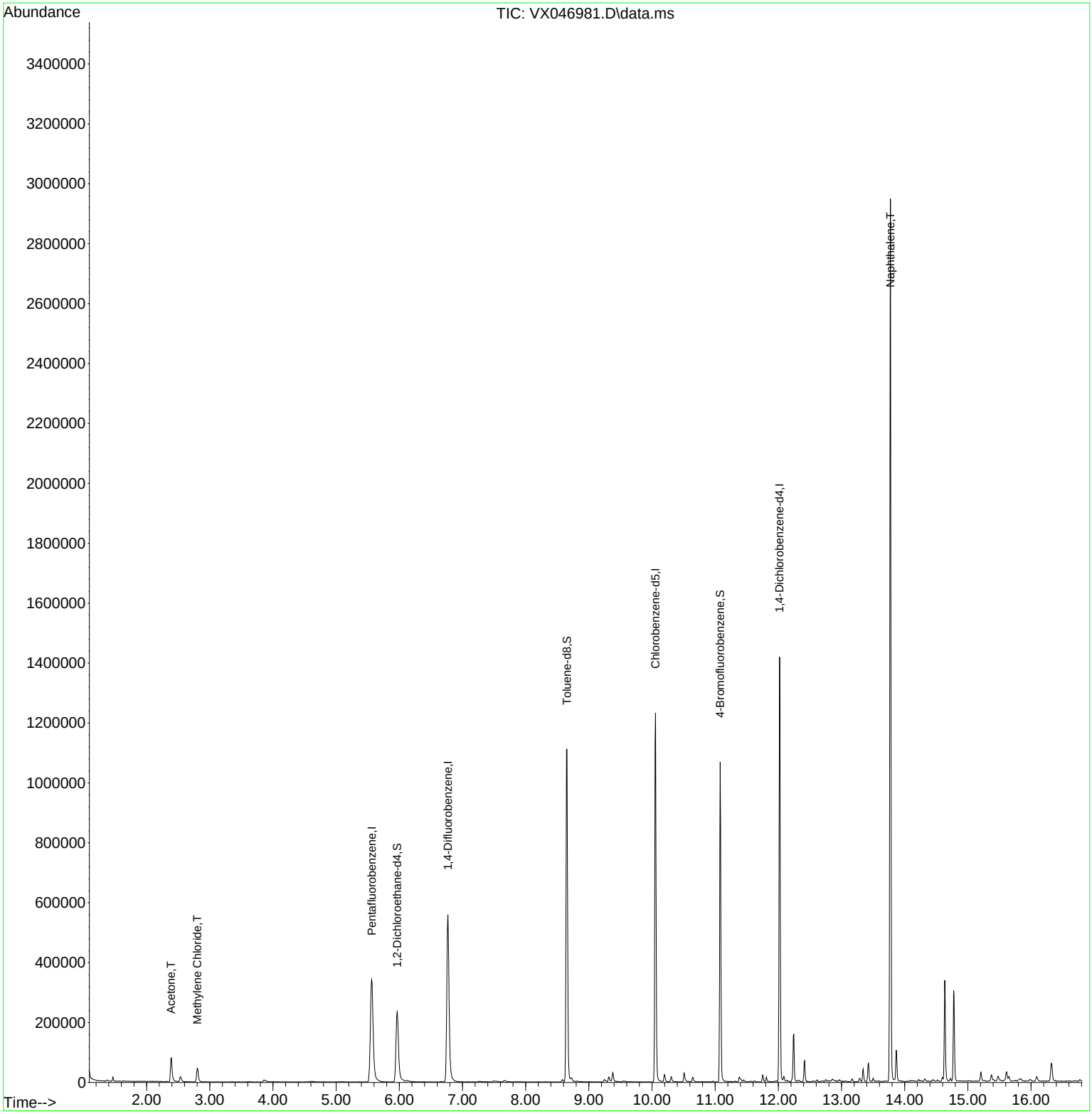
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046981.D
Acq On : 14 Jul 2025 17:53
Operator : JC/MD
Sample : Q2579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

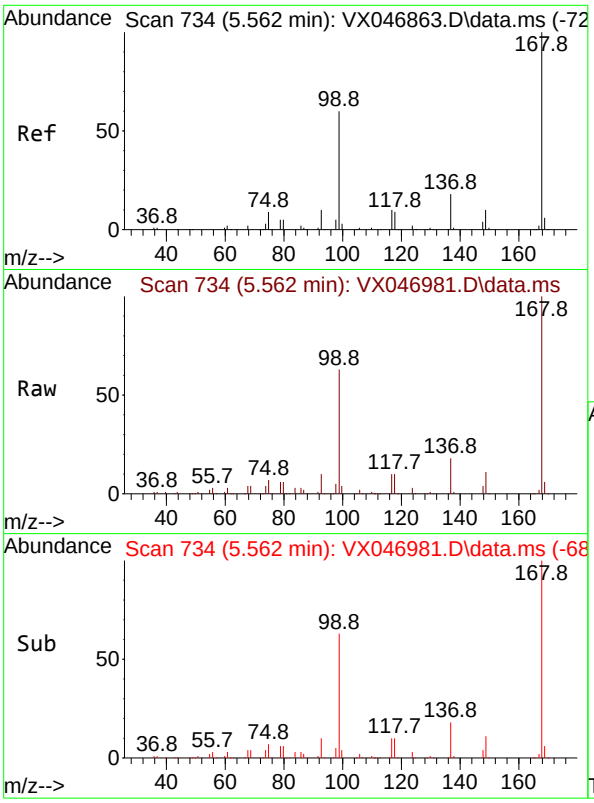
Quant Time: Jul 15 01:25:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

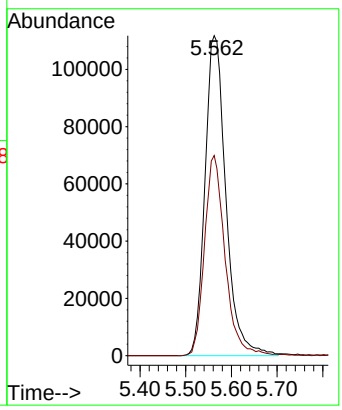




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion:168 Resp: 35487

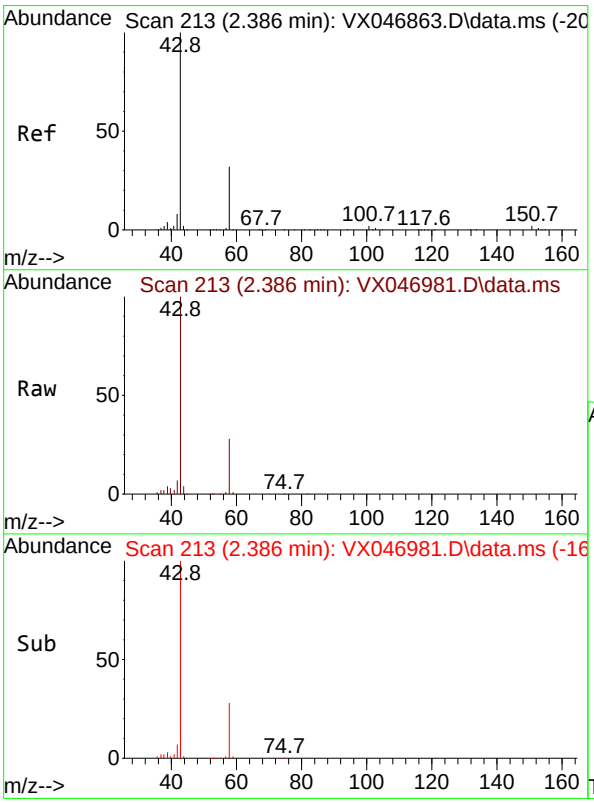
Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations
APPROVED

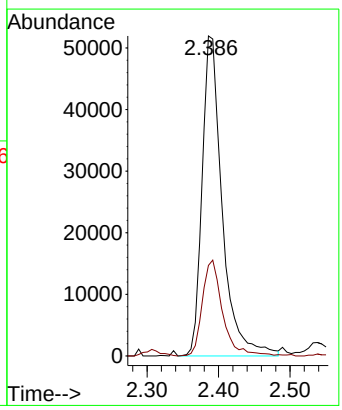
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

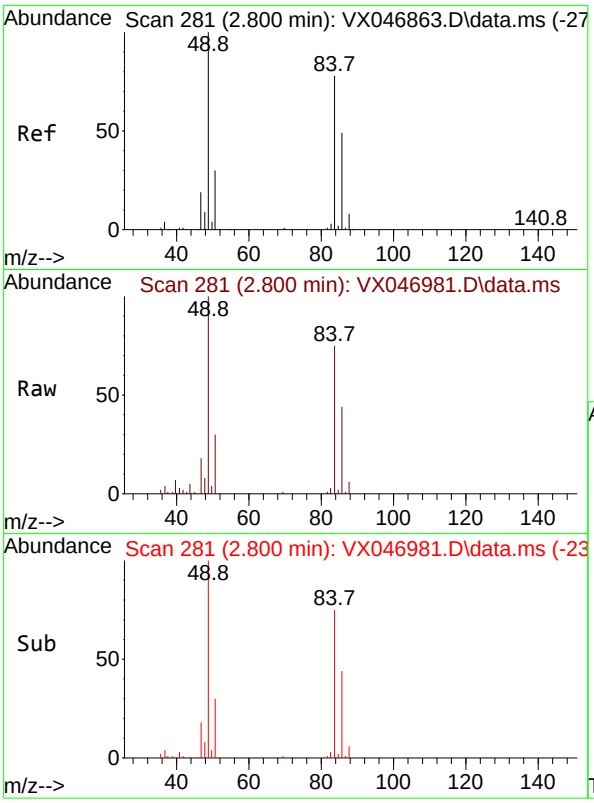


#16
Acetone
Concen: 69.719 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion: 43 Resp: 101530

Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.8	38.6

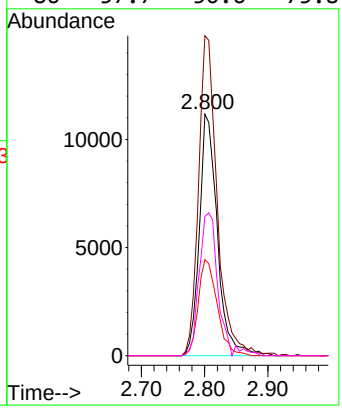




#20
Methylene Chloride
Concen: 5.152 ug/l
RT: 2.800 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion: 84 Resp: 2218

Ion	Ratio	Lower	Upper
84	100		
49	132.6	102.8	154.2
51	39.8	31.1	46.7
86	57.7	50.6	75.8



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations
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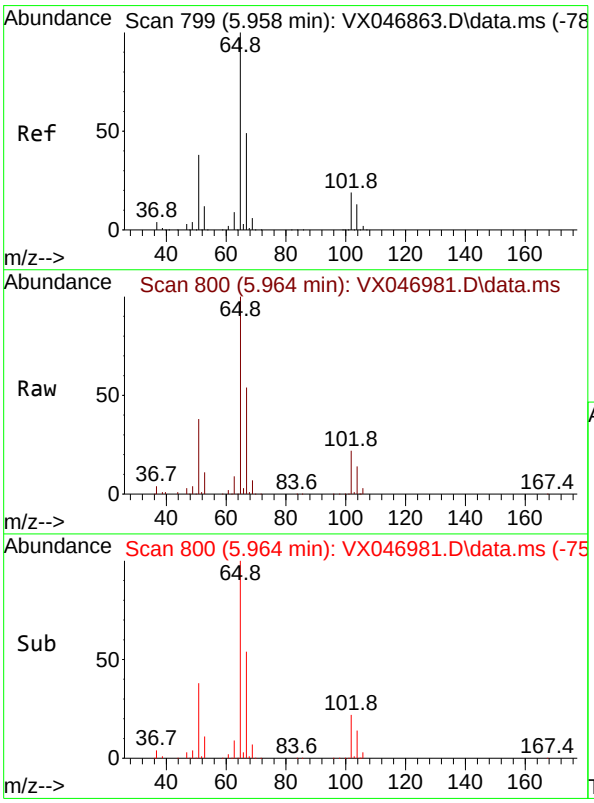
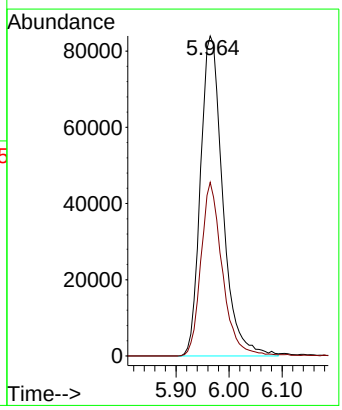
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

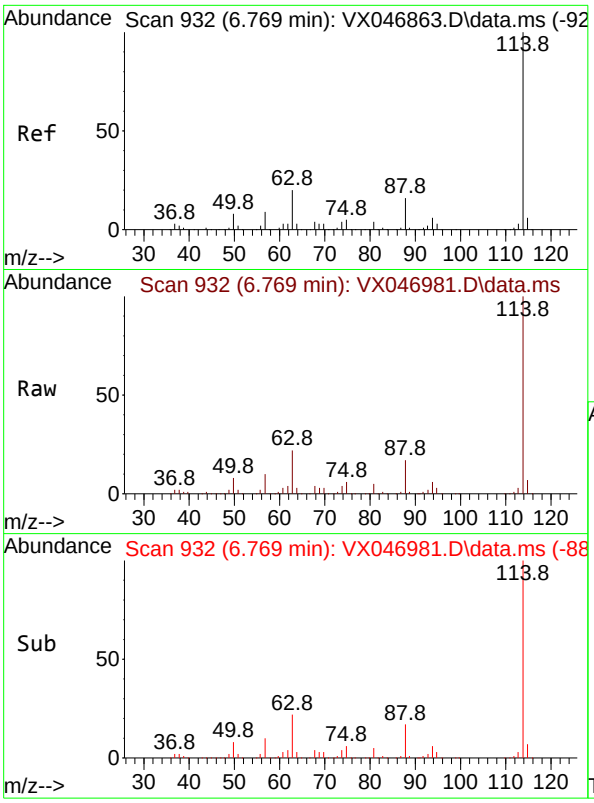


#33
1,2-Dichloroethane-d4
Concen: 52.262 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion: 65 Resp: 245018

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

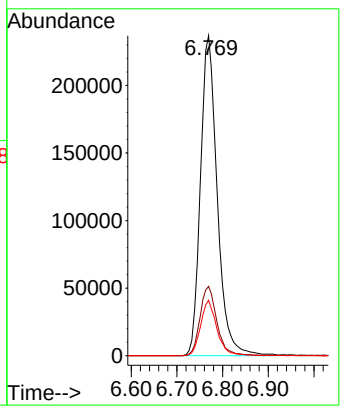
Tgt Ion:114 Resp: 60301

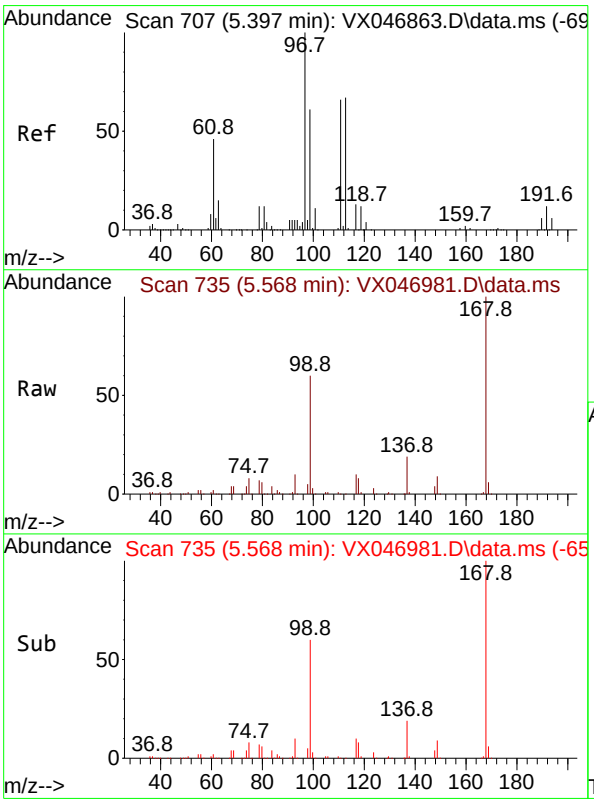
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.4
88	17.4	0.0	31.0

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

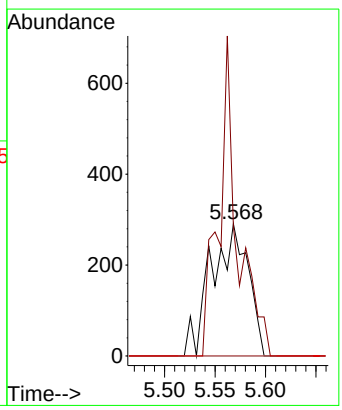


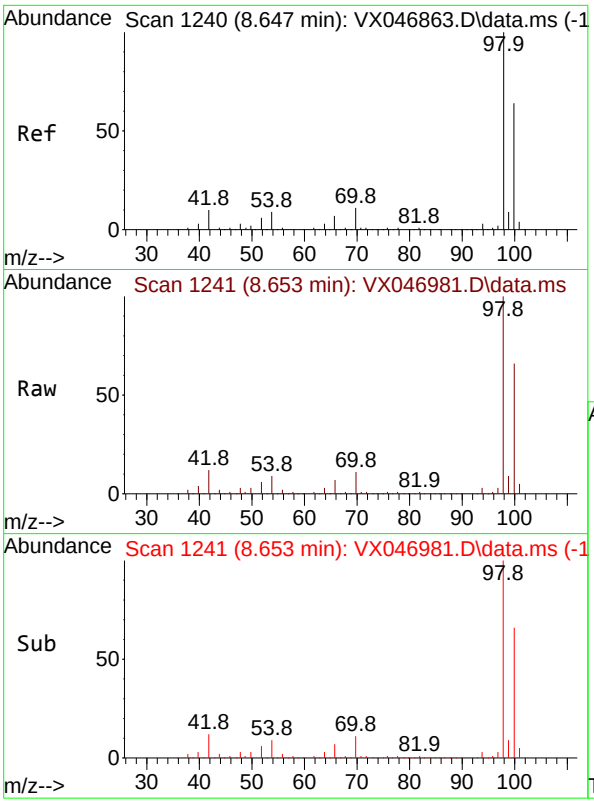


#35
Dibromofluoromethane
Concen: 0.181 ug/l m
RT: 5.568 min Scan# 735
Delta R.T. 0.171 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion:113 Resp: 739

Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.2	121.8#
192	0.0	15.3	22.9#





#50
Toluene-d8
Concen: 48.417 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

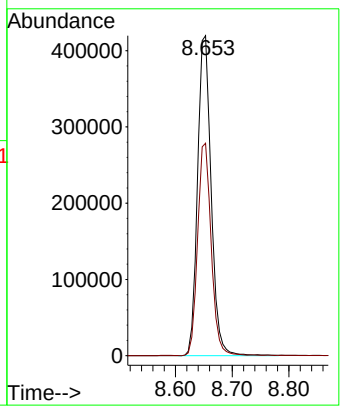
Tgt Ion: 98 Resp: 69923

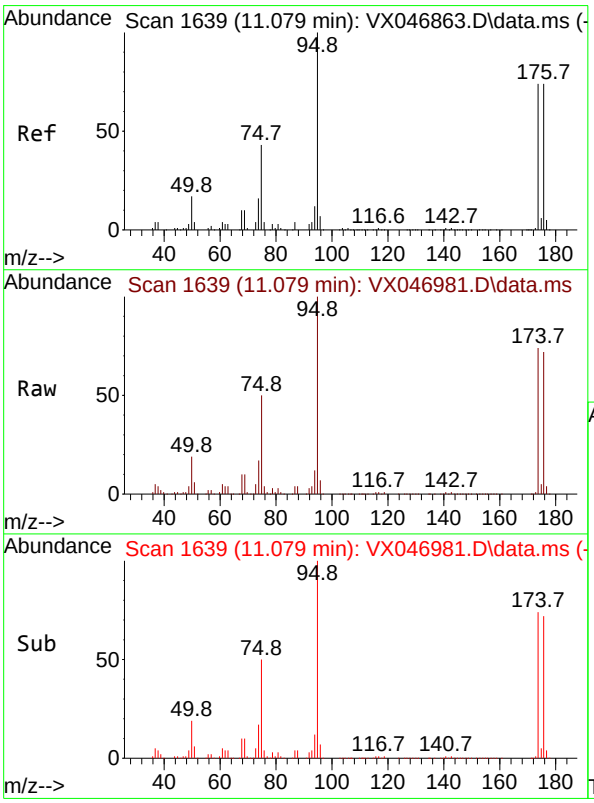
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

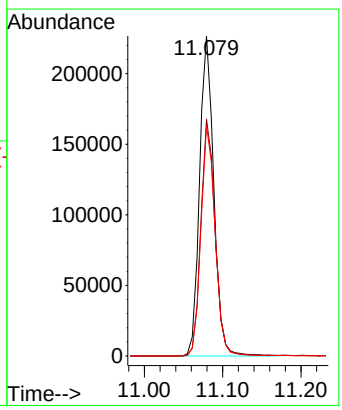


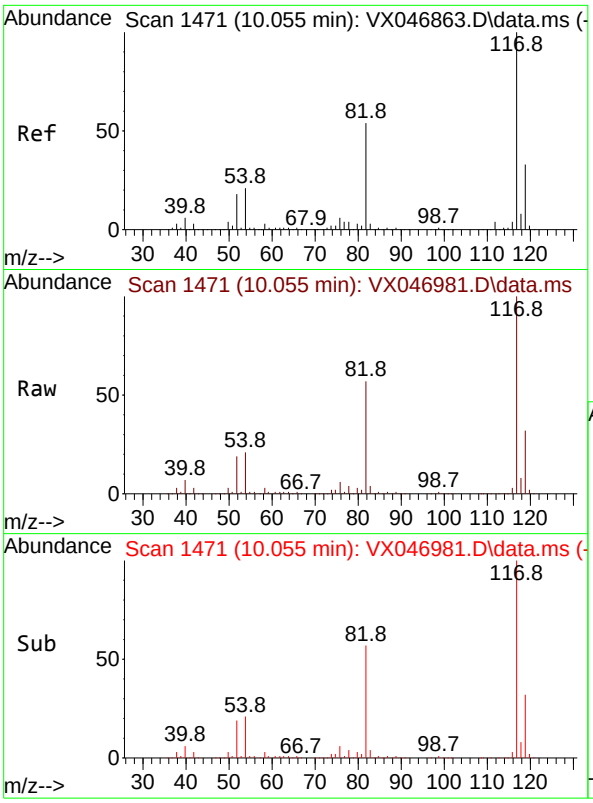


#62
4-Bromofluorobenzene
Concen: 51.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion: 95 Resp: 285220

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	152.0
176	72.0	0.0	145.2

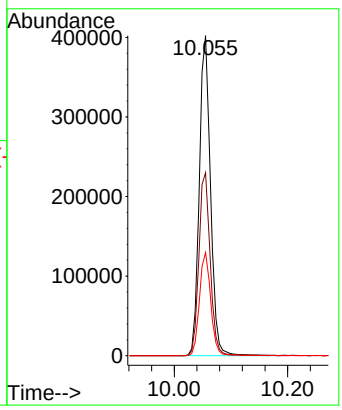




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion:117 Resp: 54969

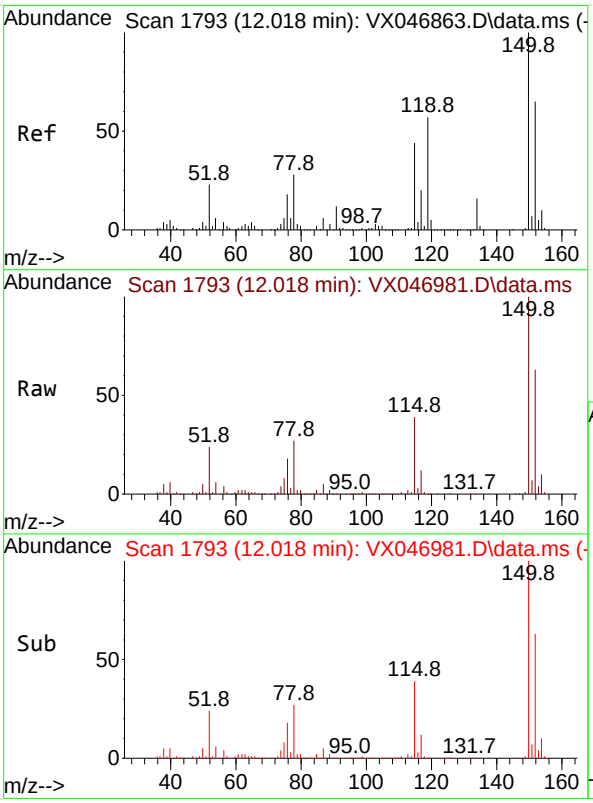
Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.3	64.9
119	32.2	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations
APPROVED

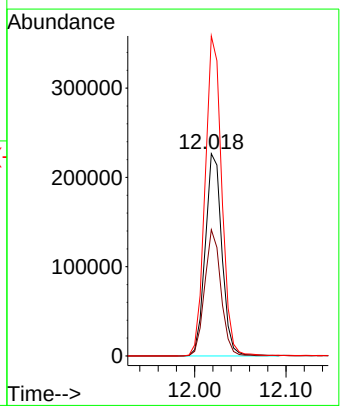
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

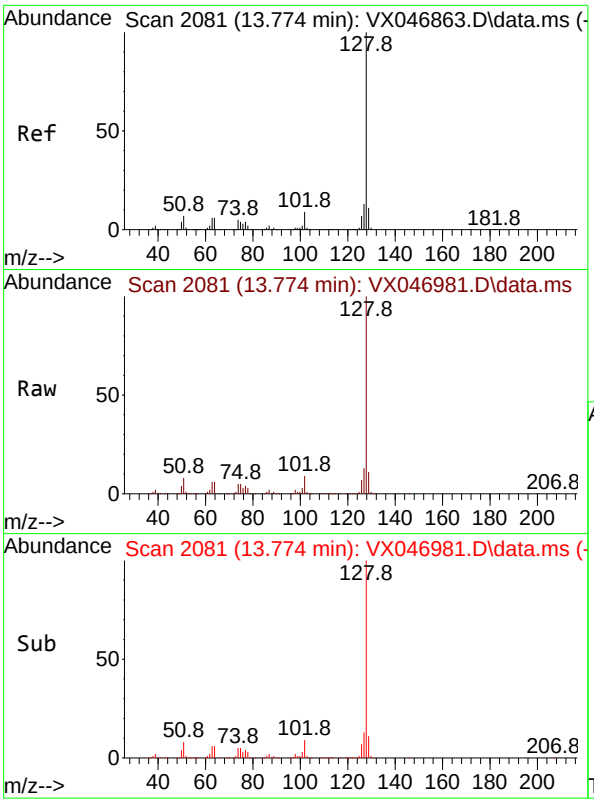


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion:152 Resp: 285450

Ion	Ratio	Lower	Upper
152	100		
115	60.9	42.4	127.1
150	158.1	0.0	349.2

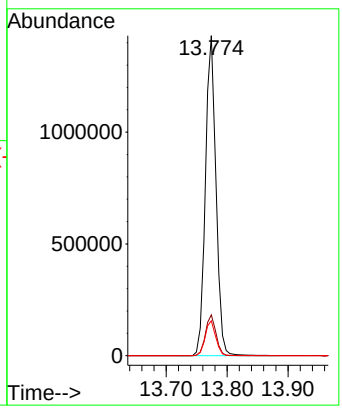




#95
Naphthalene
Concen: 106.357 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046981.D
Acq: 14 Jul 2025 17:53

Tgt Ion:128 Resp: 172471

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-G

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Raw Data: **VX046998.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-A2-13-GRE	SDG No.:	Q2579
Lab Sample ID:	Q2579-01RE	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046998.D	1	07/15/25 13:54	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	0.11	*	70 (75) - 130 (124)	0%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	352000	5.562			
540-36-3	1,4-Difluorobenzene	597000	6.769			
3114-55-4	Chlorobenzene-d5	551000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	288000	12.018			

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: **VX046998.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046998.D
Acq On : 15 Jul 2025 13:54
Operator : JC/MD
Sample : Q2579-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	352031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	597406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	287789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250512	53.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.740%			
35) Dibromofluoromethane	5.409	113	447m	0.110	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.220%#			
50) Toluene-d8	8.653	98	696313	48.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.340%			
62) 4-Bromofluorobenzene	11.079	95	285624	52.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.060%			
Target Compounds						Qvalue
16) Acetone	2.392	43	100079	69.278	ug/l	98
20) Methylene Chloride	2.806	84	22311	5.223	ug/l	94
95) Naphthalene	13.774	128	1658311	101.431	ug/l	100

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

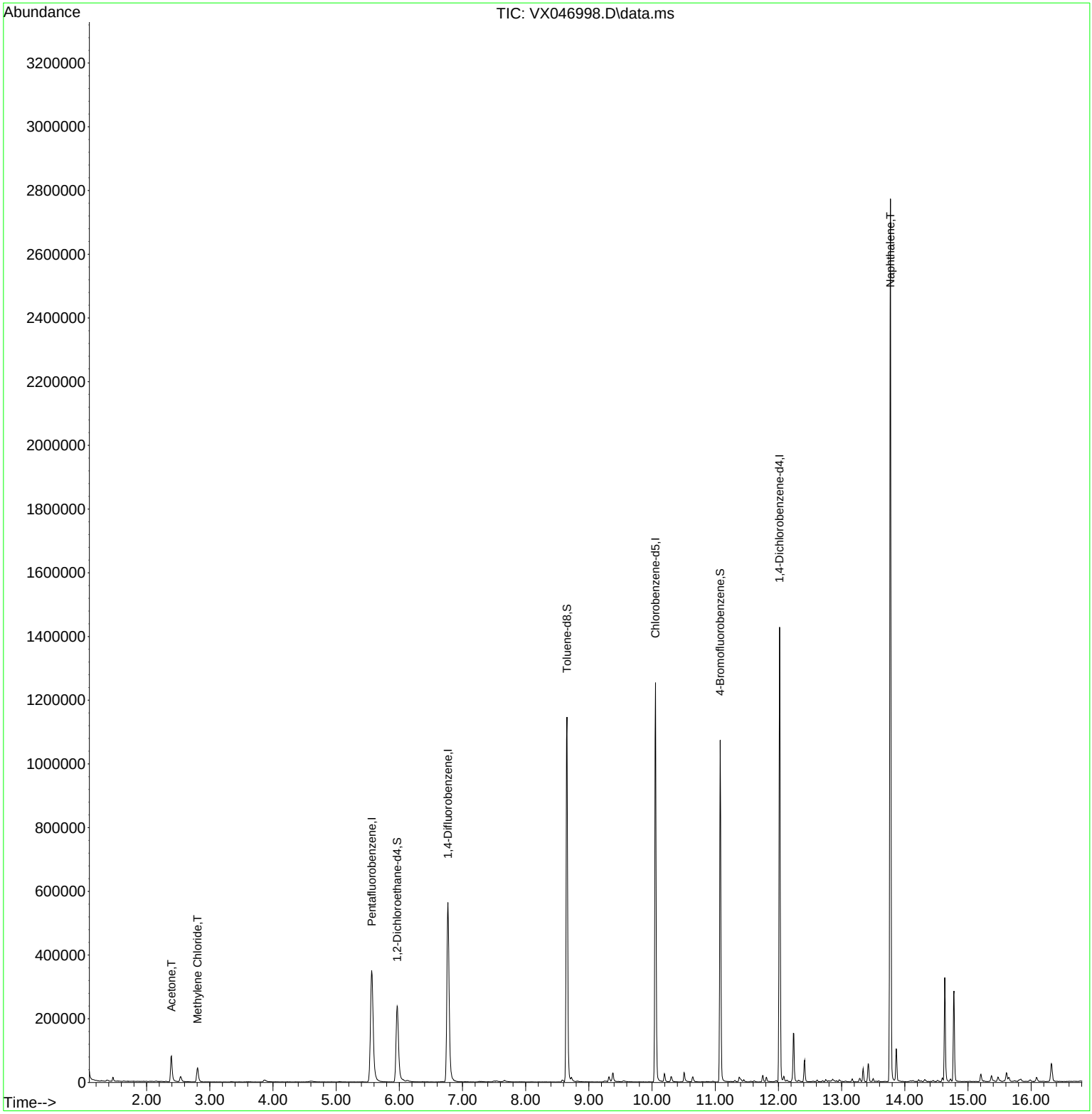
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046998.D
Acq On : 15 Jul 2025 13:54
Operator : JC/MD
Sample : Q2579-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

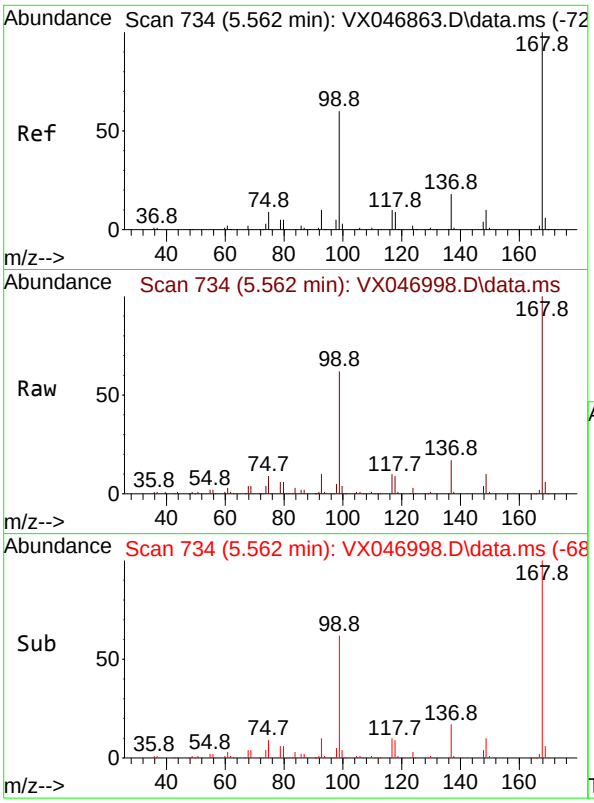
Quant Time: Jul 16 02:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

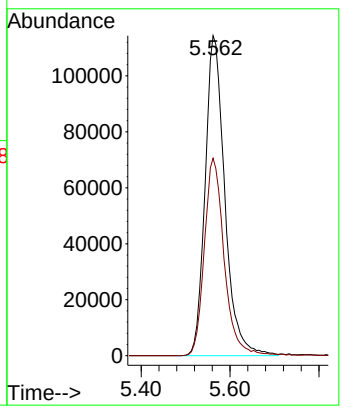




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion:168 Resp: 35203

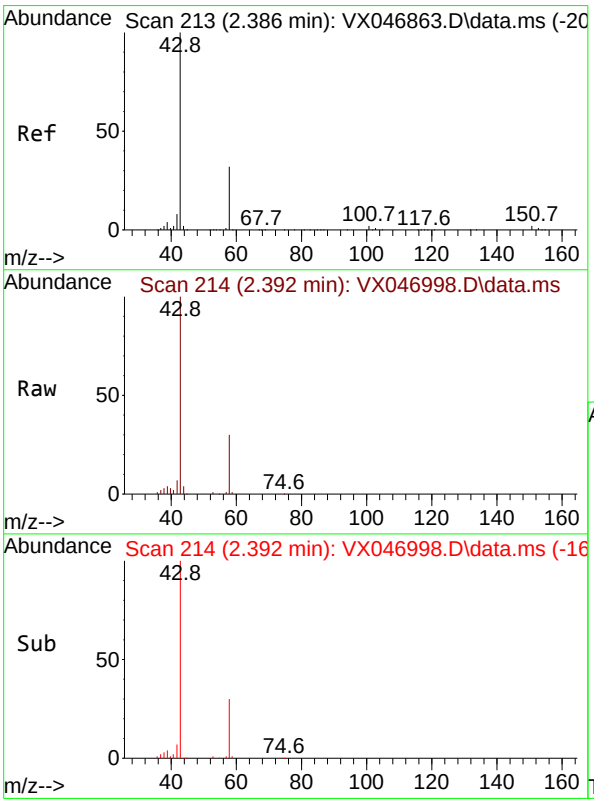
Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations
APPROVED

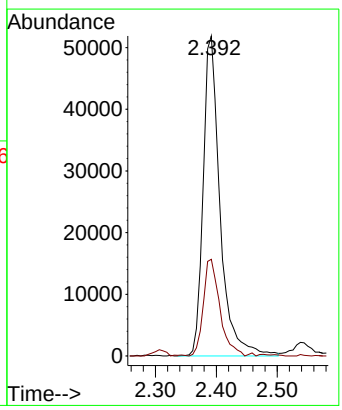
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

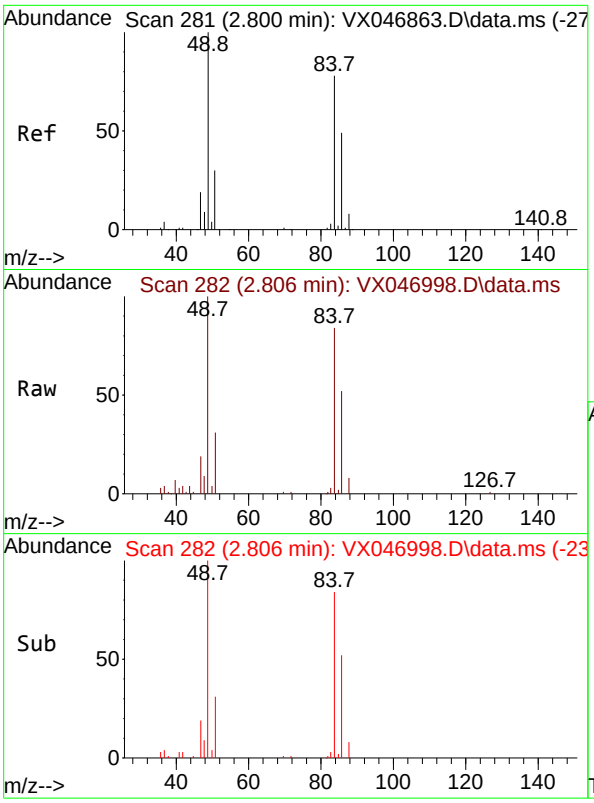


#16
Acetone
Concen: 69.278 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion: 43 Resp: 100079

Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.8	38.6

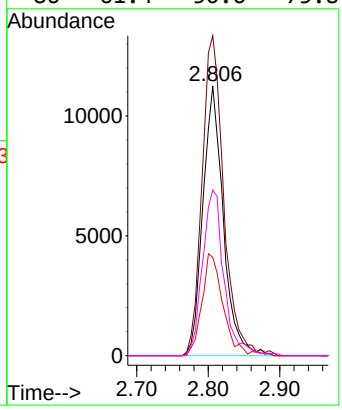




#20
Methylene Chloride
Concen: 5.223 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion: 84 Resp: 2231

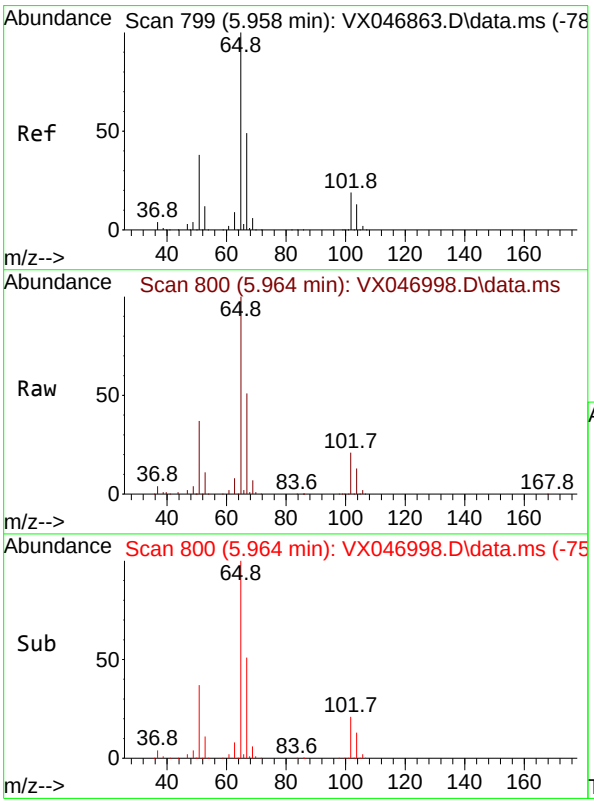
Ion	Ratio	Lower	Upper
84	100		
49	118.6	102.8	154.2
51	36.5	31.1	46.7
86	61.4	50.6	75.8



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations
APPROVED

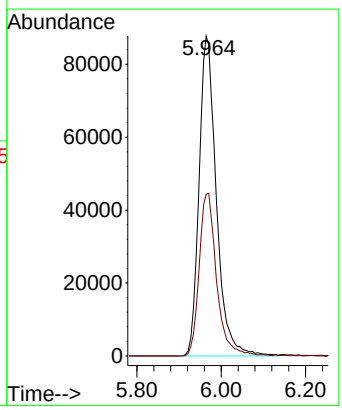
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

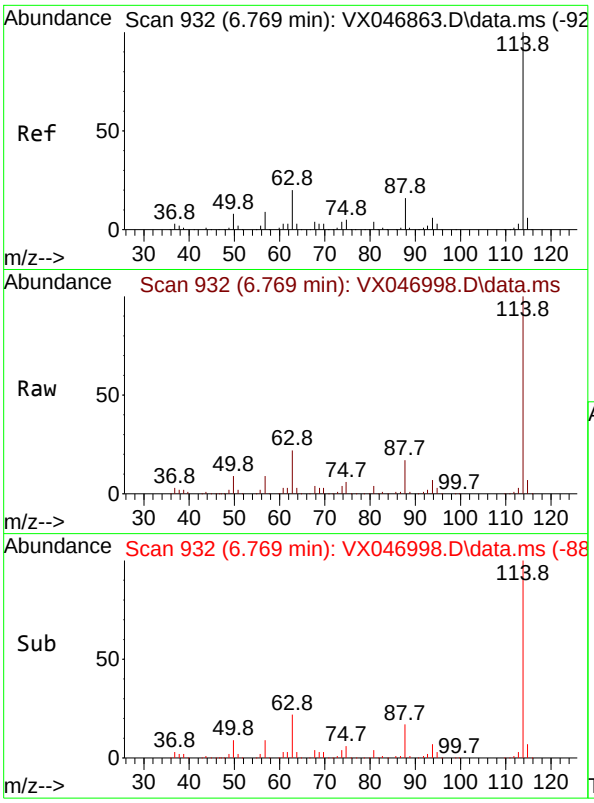


#33
1,2-Dichloroethane-d4
Concen: 53.866 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion: 65 Resp: 250512

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

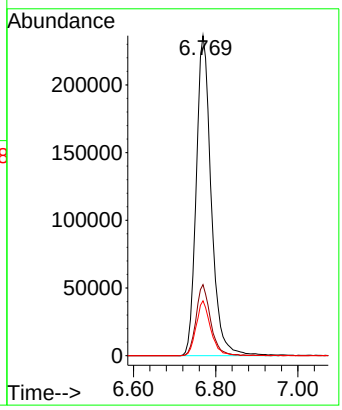
Tgt Ion:114 Resp: 59740

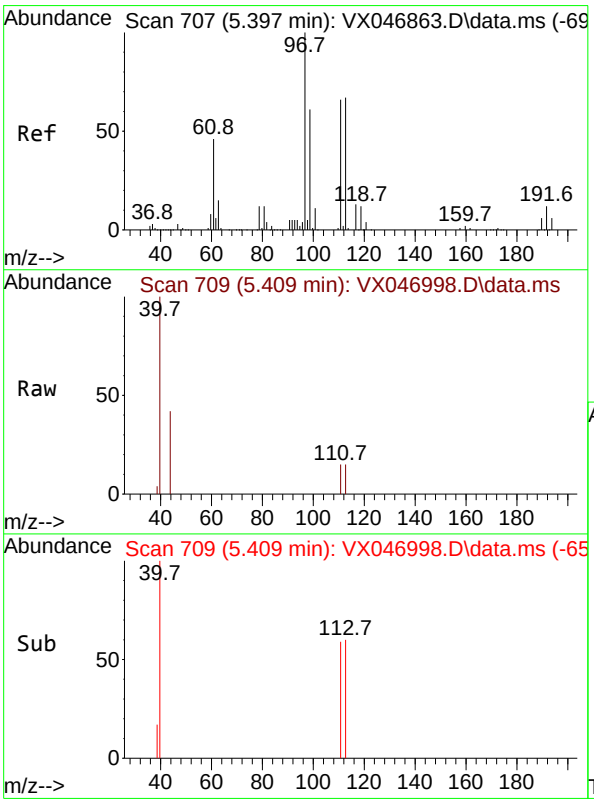
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	40.4
88	17.2	0.0	31.0

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

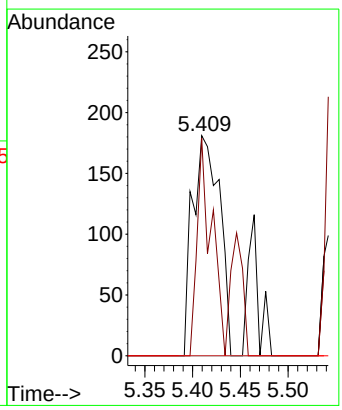


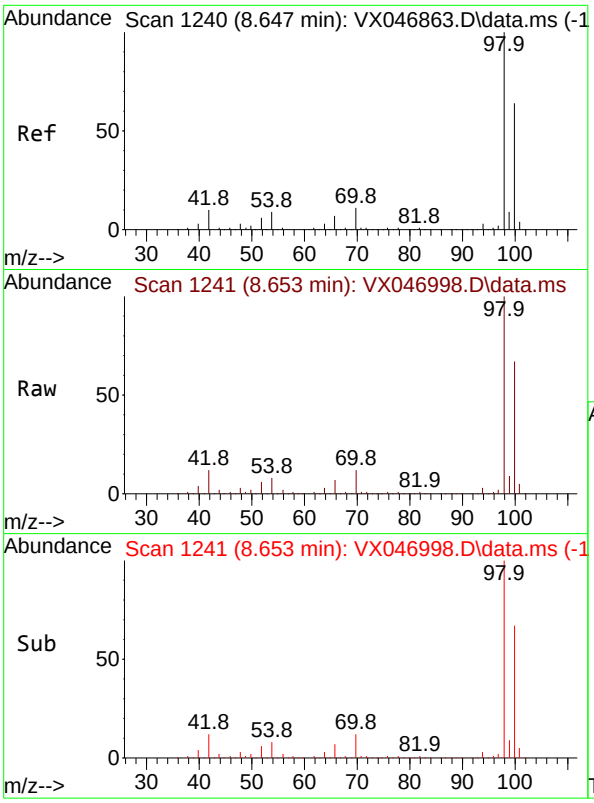


#35
Dibromofluoromethane
Concen: 0.110 ug/l m
RT: 5.409 min Scan# 709
Delta R.T. 0.012 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion:113 Resp: 447

Ion	Ratio	Lower	Upper
113	100		
111	42.7	81.2	121.8#
192	0.0	15.3	22.9#





#50
Toluene-d8
Concen: 48.667 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

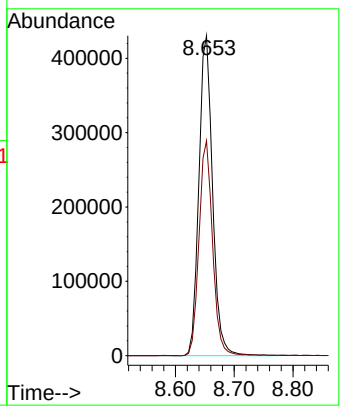
Tgt Ion: 98 Resp: 69631

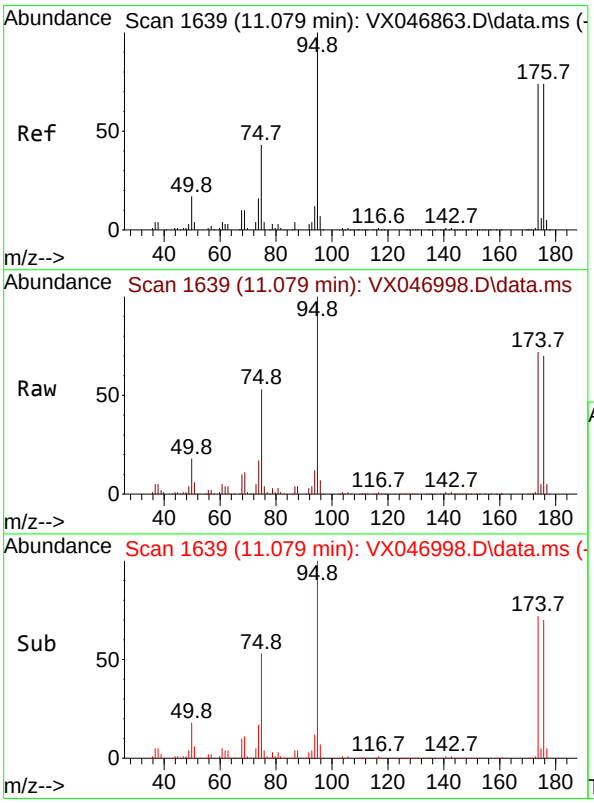
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

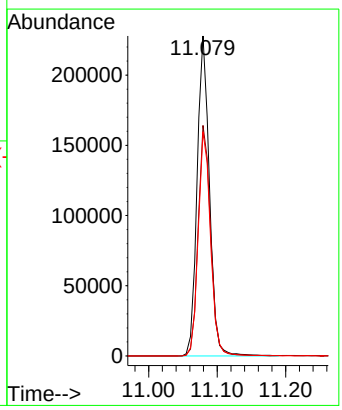


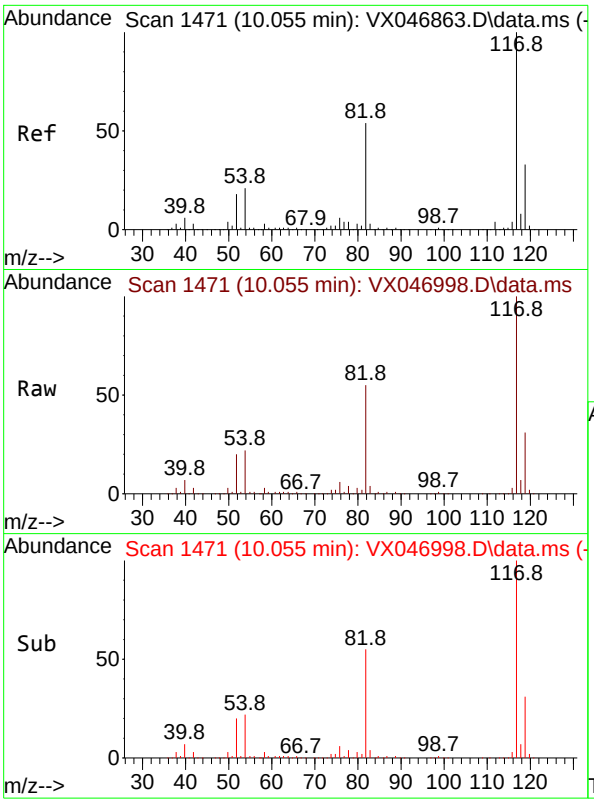


#62
4-Bromofluorobenzene
Concen: 52.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion: 95 Resp: 285624

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	152.0
176	70.1	0.0	145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

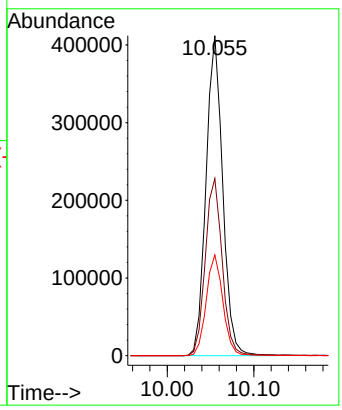
Tgt Ion:117 Resp: 55061

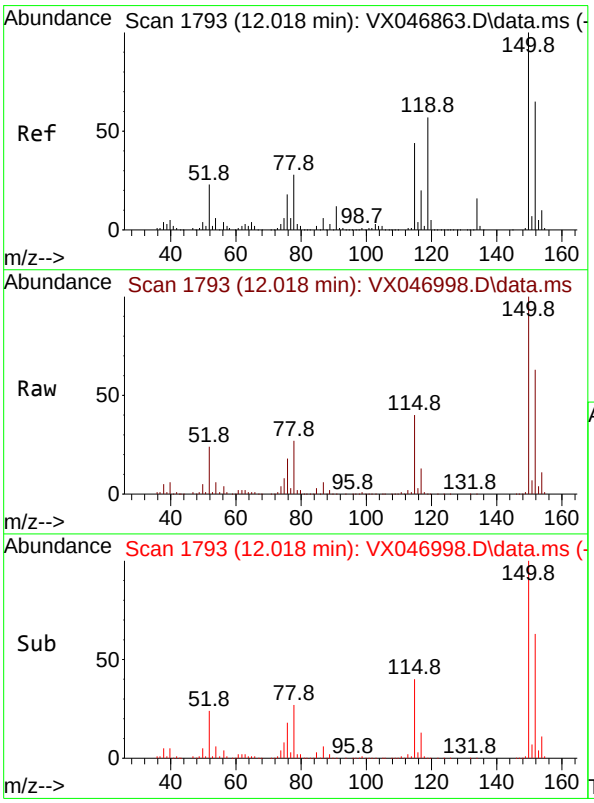
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	31.5	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

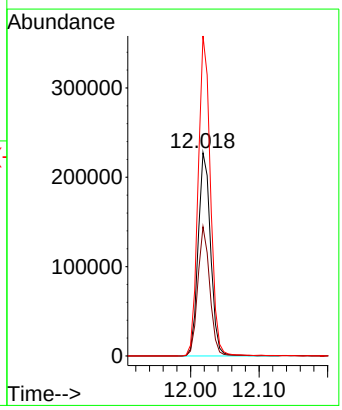


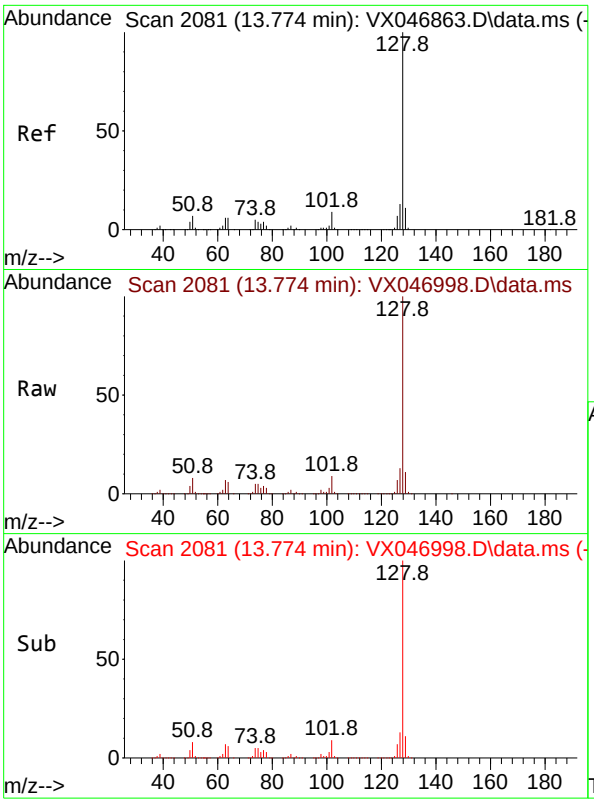


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion:152 Resp: 287789

Ion	Ratio	Lower	Upper
152	100		
115	61.6	42.4	127.1
150	155.4	0.0	349.2

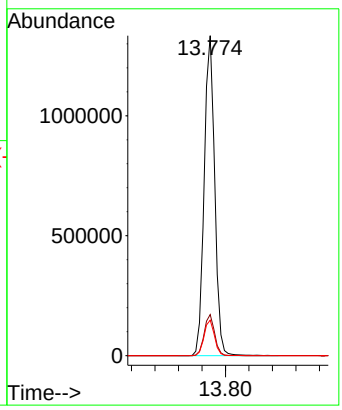




#95
Naphthalene
Concen: 101.431 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046998.D
Acq: 15 Jul 2025 13:54

Tgt Ion:128 Resp: 165831

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-13-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Raw Data: **VX046982.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-A2-14-G	SDG No.:	Q2579
Lab Sample ID:	Q2579-05	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046982.D	1	07/14/25 18:14	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	0.14	*	70 (75) - 130 (124)	0%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	353000	5.562			
540-36-3	1,4-Difluorobenzene	602000	6.769			
3114-55-4	Chlorobenzene-d5	548000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	283000	12.018			

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\VX071425\
Data File : VX046982.D
Acq On : 14 Jul 2025 18:14
Operator : JC/MD
Sample : Q2579-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Quant Time: Jul 15 01:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

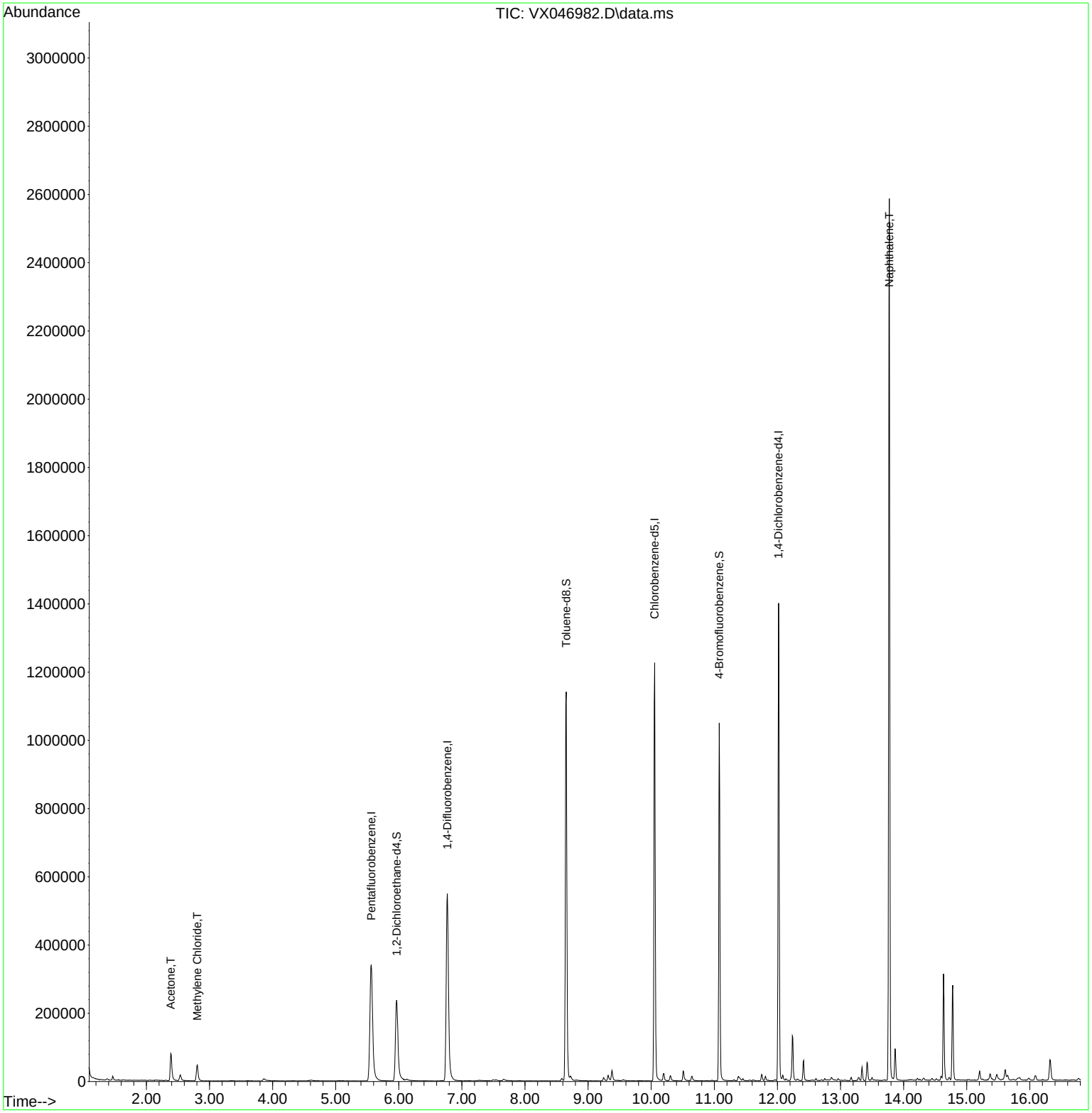
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	353132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	247347	53.019	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.040%			
35) Dibromofluoromethane	5.580	113	587	0.144	ug/l	0.18
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.280%#			
50) Toluene-d8	8.653	98	698421	48.471	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.940%			
62) 4-Bromofluorobenzene	11.079	95	283567	51.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.560%			
Target Compounds						Qvalue
16) Acetone	2.386	43	100306	69.219	ug/l	95
20) Methylene Chloride	2.806	84	23062	5.382	ug/l	95
95) Naphthalene	13.774	128	1539105	95.725	ug/l	100

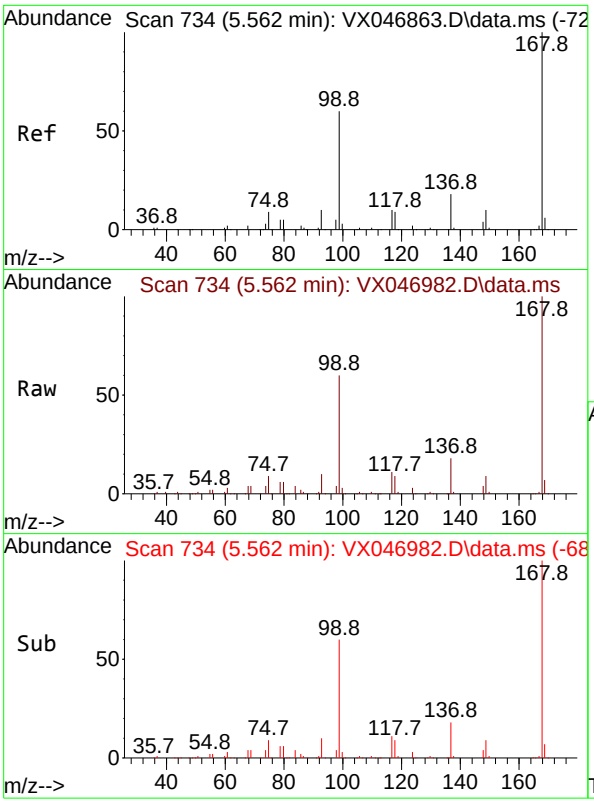
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046982.D
Acq On : 14 Jul 2025 18:14
Operator : JC/MD
Sample : Q2579-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Quant Time: Jul 15 01:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



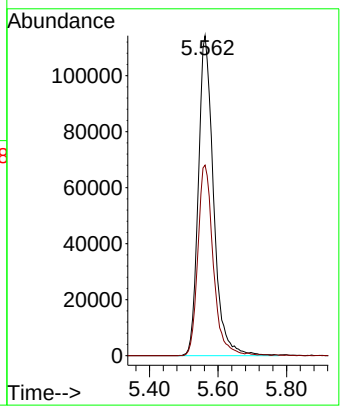


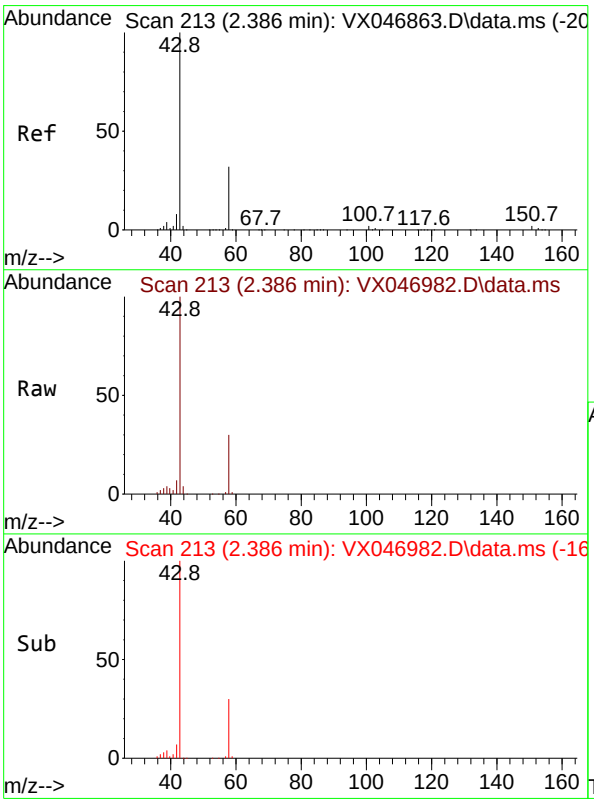
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Tgt Ion:168 Resp: 353132

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.8	73.2

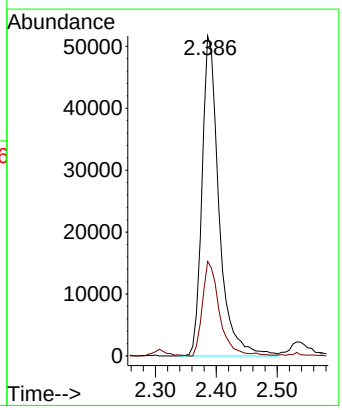


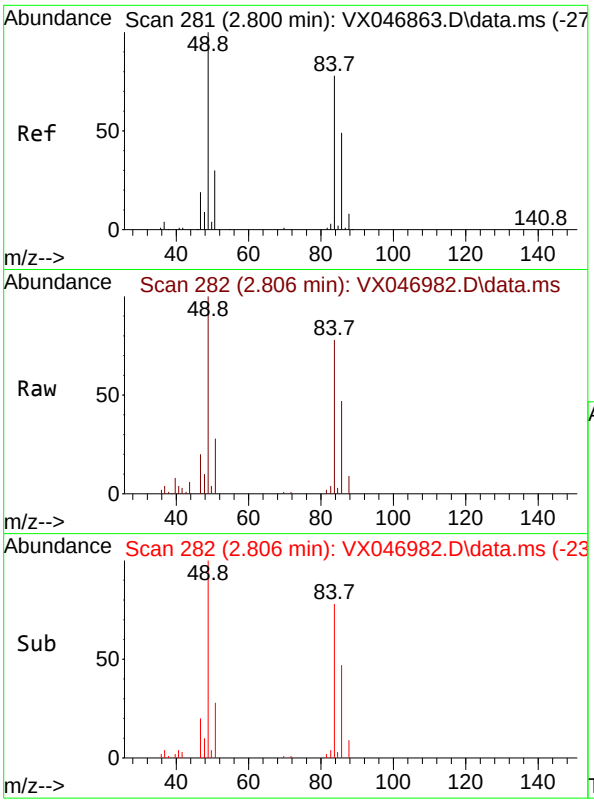


#16
Acetone
Concen: 69.219 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion: 43 Resp: 100306

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.8	38.6



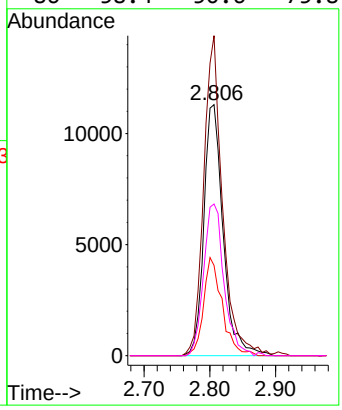


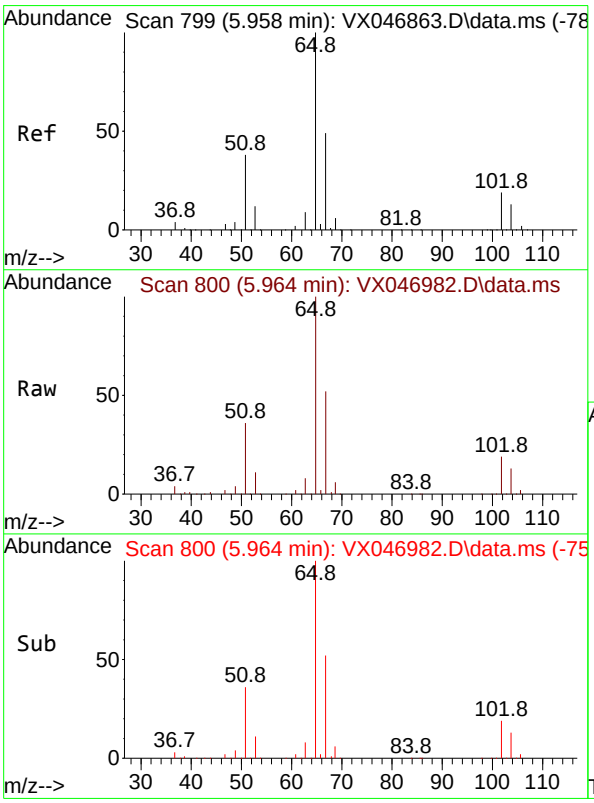
#20
Methylene Chloride
Concen: 5.382 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Tgt Ion: 84 Resp: 23062

Ion	Ratio	Lower	Upper
84	100		
49	123.1	102.8	154.2
51	34.7	31.1	46.7
86	58.4	50.6	75.8

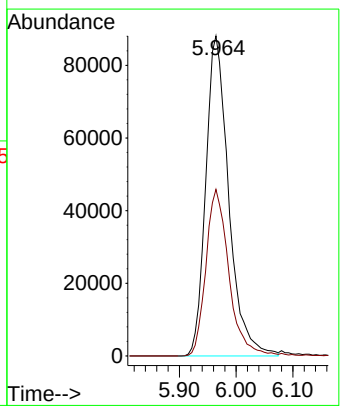


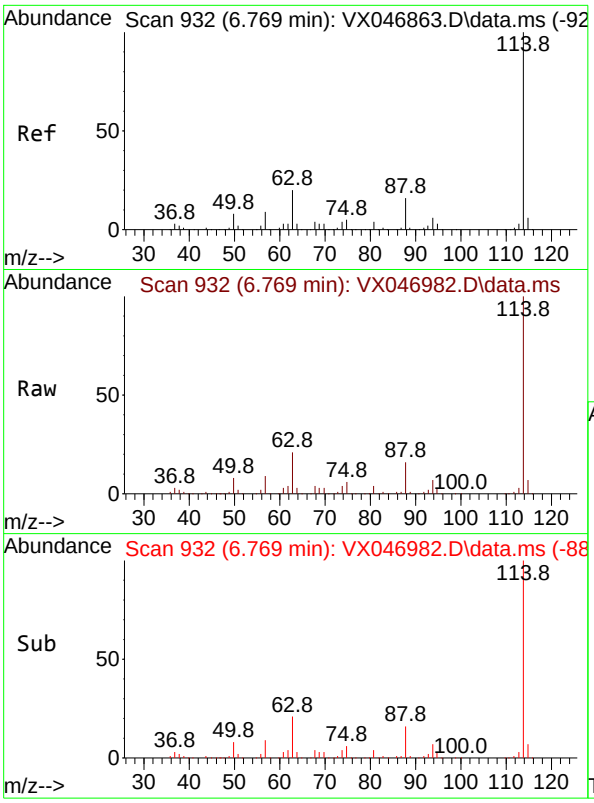


#33
1,2-Dichloroethane-d4
Concen: 53.019 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion: 65 Resp: 247347

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2



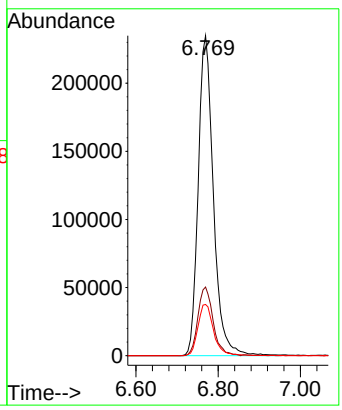


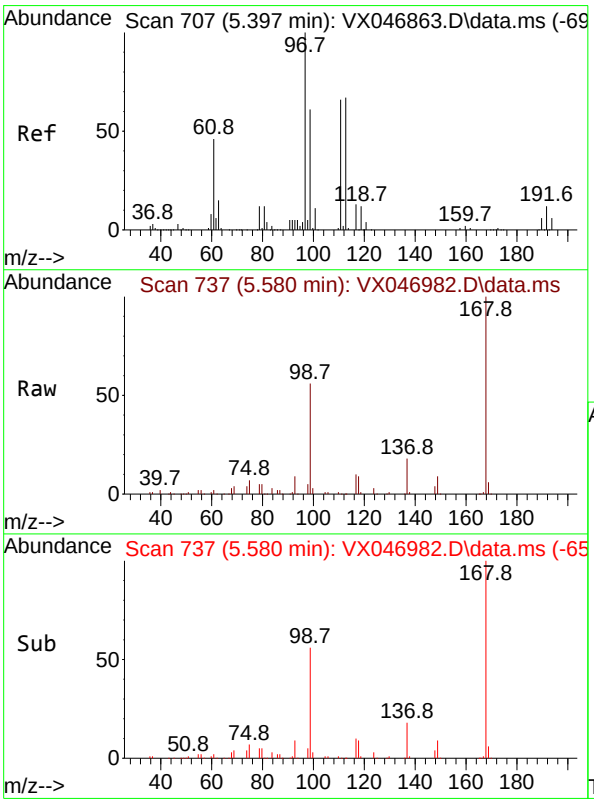
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Tgt Ion:114 Resp: 601642

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	16.0	0.0	31.0

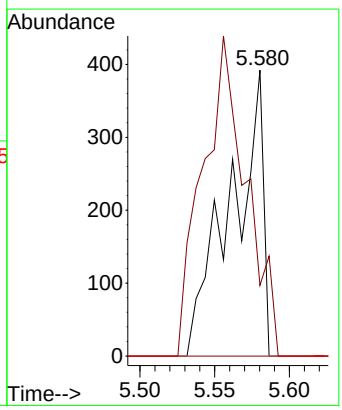


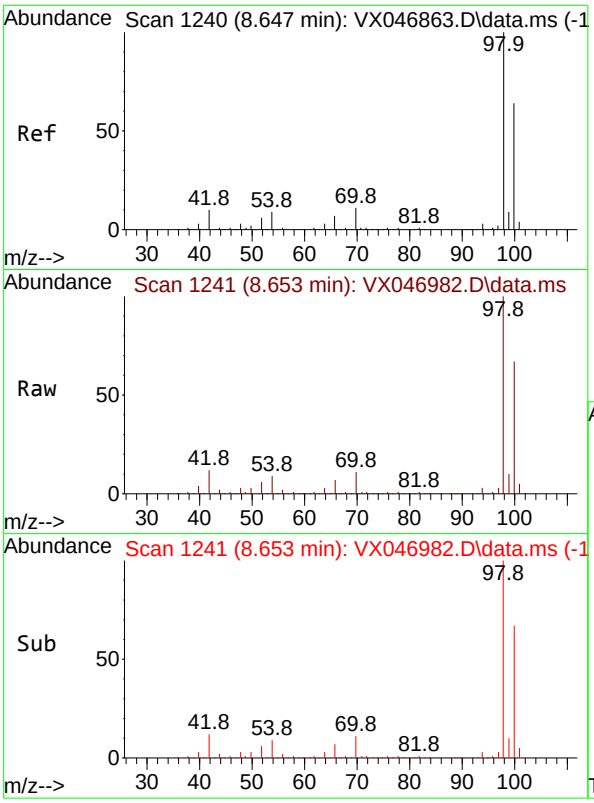


#35
Dibromofluoromethane
Concen: 0.144 ug/l
RT: 5.580 min Scan# 737
Delta R.T. 0.183 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion:113 Resp: 587

Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.2	121.8#
192	0.0	15.3	22.9#



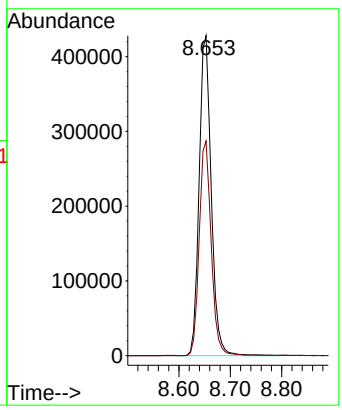


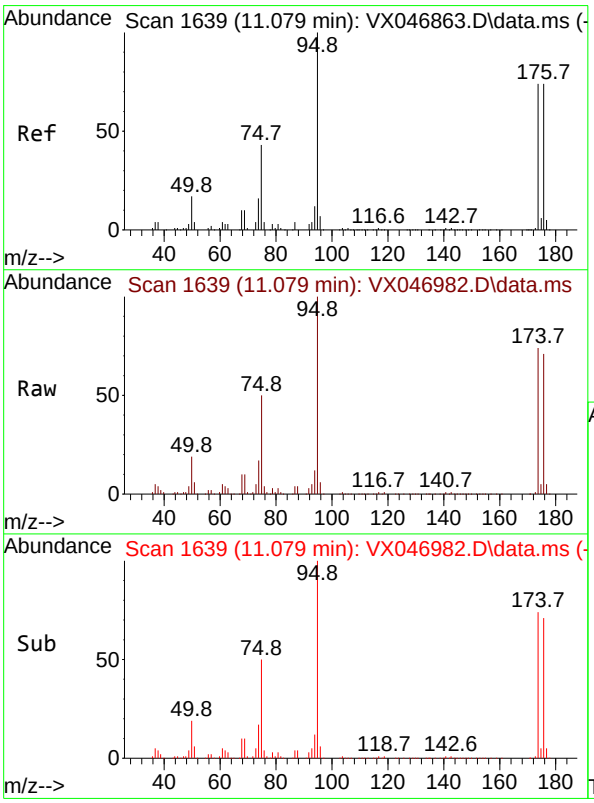
#50
Toluene-d8
Concen: 48.471 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Tgt Ion: 98 Resp: 698421

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6

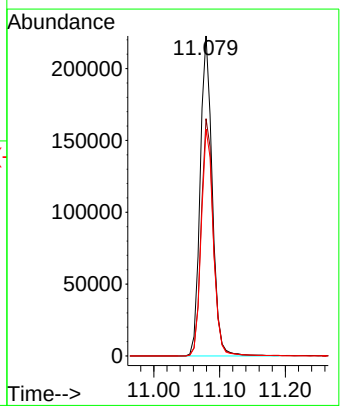


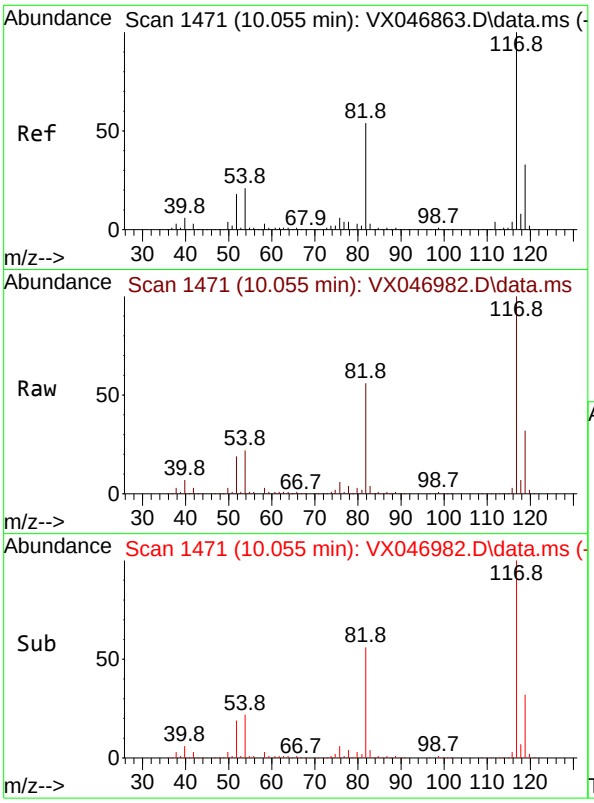


#62
4-Bromofluorobenzene
Concen: 51.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion: 95 Resp: 283567

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	152.0
176	71.2	0.0	145.2



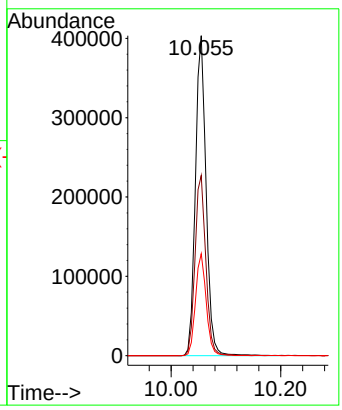


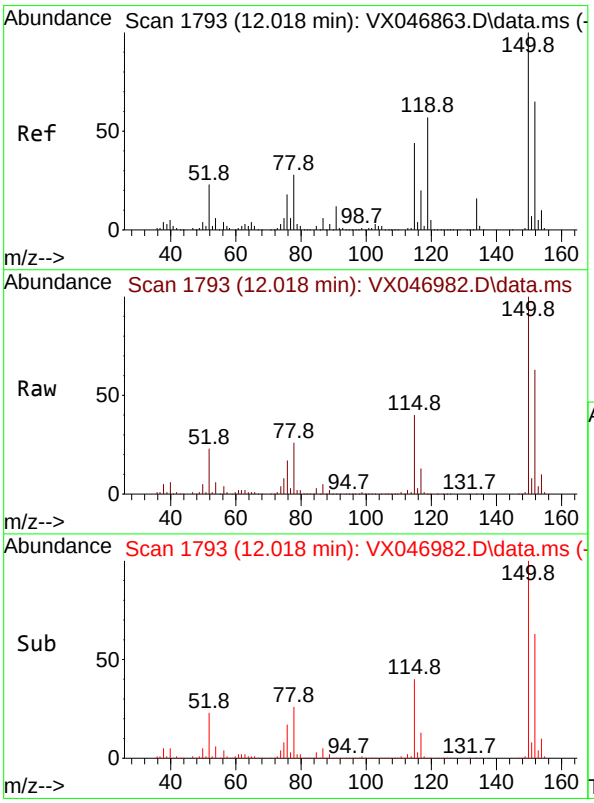
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Tgt Ion:117 Resp: 548369

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	31.8	26.4	39.6

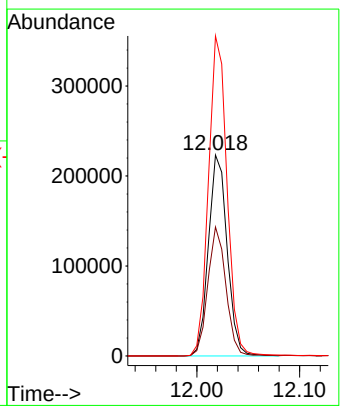


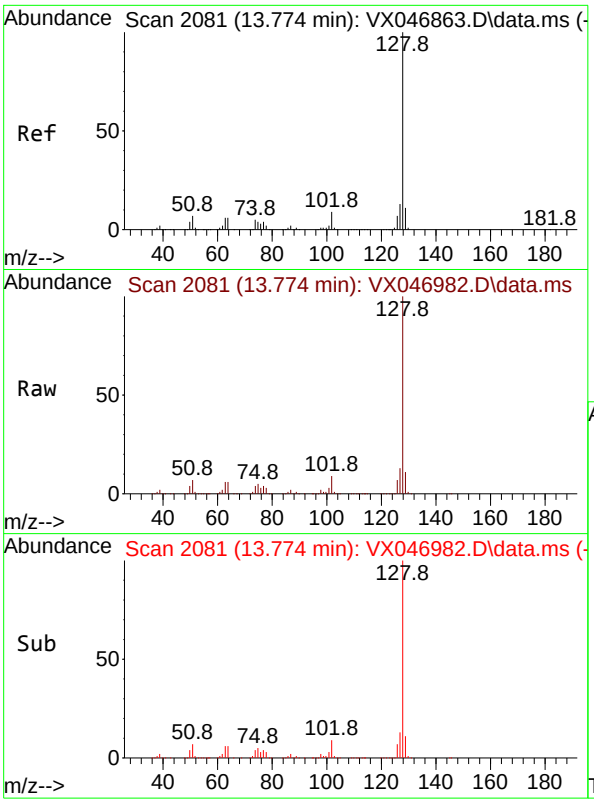


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion:152 Resp: 283025

Ion	Ratio	Lower	Upper
152	100		
115	62.0	42.4	127.1
150	157.5	0.0	349.2



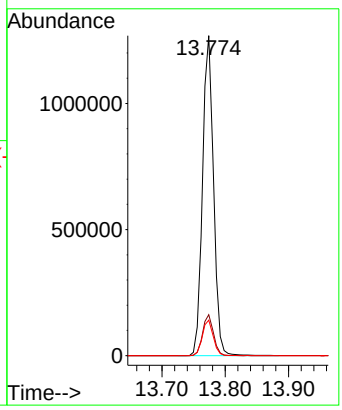


#95
Naphthalene
Concen: 95.725 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

Tgt Ion:128 Resp: 1539105

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.6	13.0



Raw Data: **VX046999.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-A2-14-GRE	SDG No.:	Q2579
Lab Sample ID:	Q2579-05RE	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046999.D	1	07/15/25 14:16	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	0.10	*	70 (75) - 130 (124)	0%	SPK: 50
2037-26-5	Toluene-d8	47.8		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	339000	5.562			
540-36-3	1,4-Difluorobenzene	586000	6.769			
3114-55-4	Chlorobenzene-d5	537000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	278000	12.018			

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: **VX046999.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046999.D
Acq On : 15 Jul 2025 14:16
Operator : JC/MD
Sample : Q2579-05RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 02:26:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	339200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	586472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	536571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	277997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	241091	53.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.600%			
35) Dibromofluoromethane	5.403	113	392m	0.098	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.200%#			
50) Toluene-d8	8.653	98	670944	47.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.540%			
62) 4-Bromofluorobenzene	11.079	95	279542	52.366	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.740%			
Target Compounds						Qvalue
16) Acetone	2.392	43	97705	70.193	ug/l	98
20) Methylene Chloride	2.806	84	21645	5.259	ug/l	94
95) Naphthalene	13.774	128	1485714	94.075	ug/l	100

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

Sample Results: **VX046999.D**

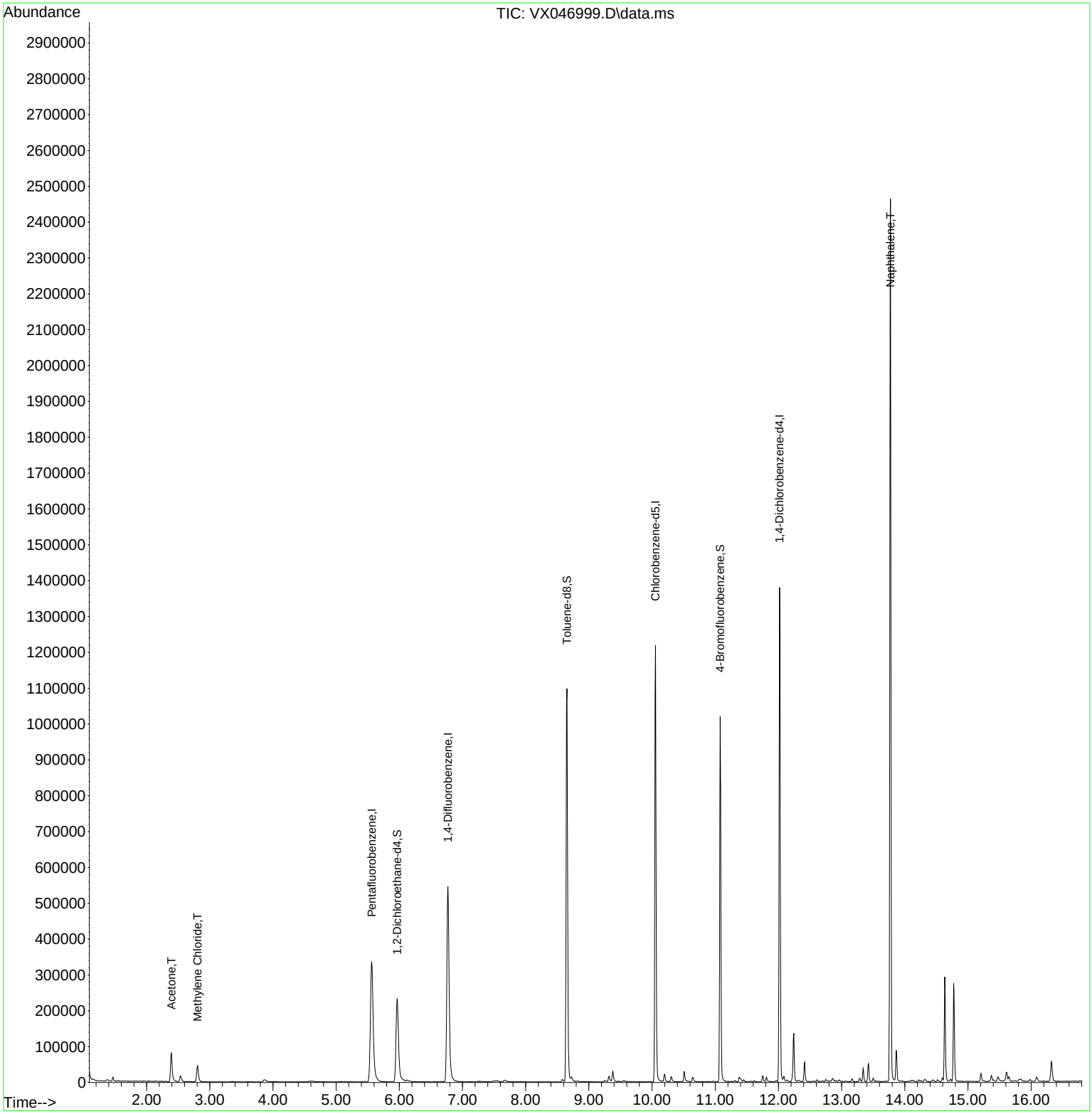
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046999.D
Acq On : 15 Jul 2025 14:16
Operator : JC/MD
Sample : Q2579-05RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

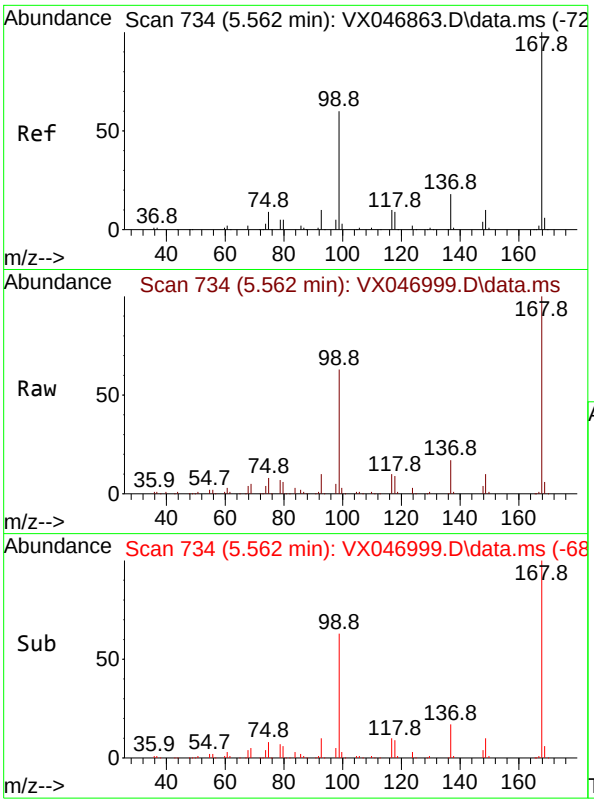
Quant Time: Jul 16 02:26:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

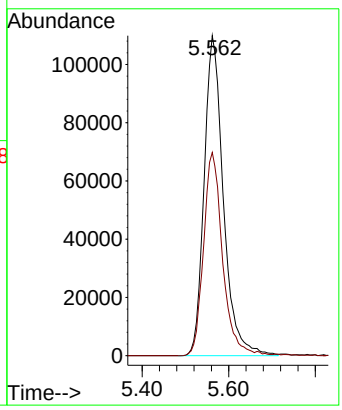




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion:168 Resp: 33920

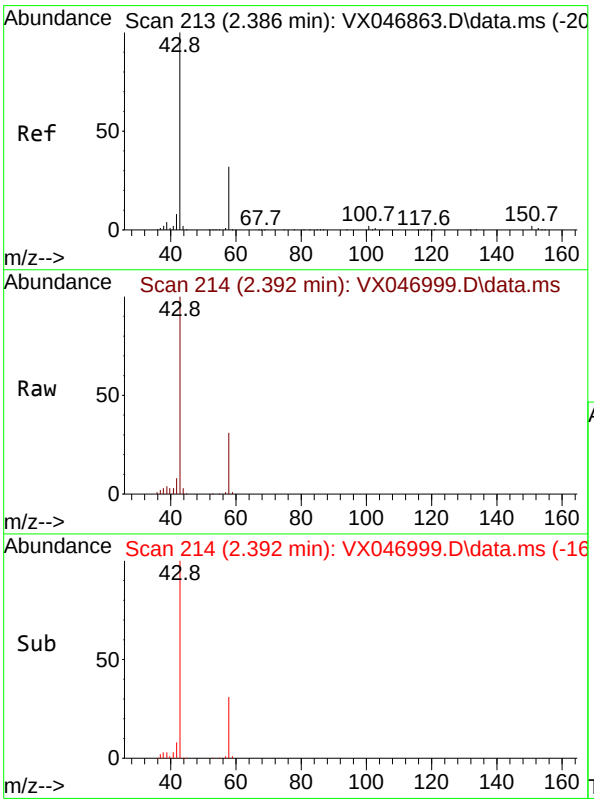
Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations
APPROVED

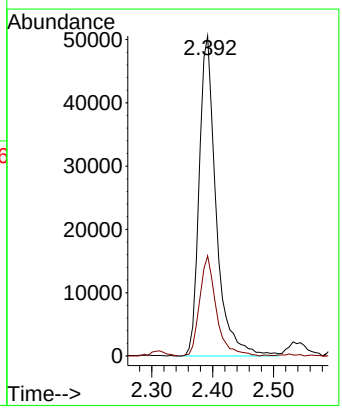
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

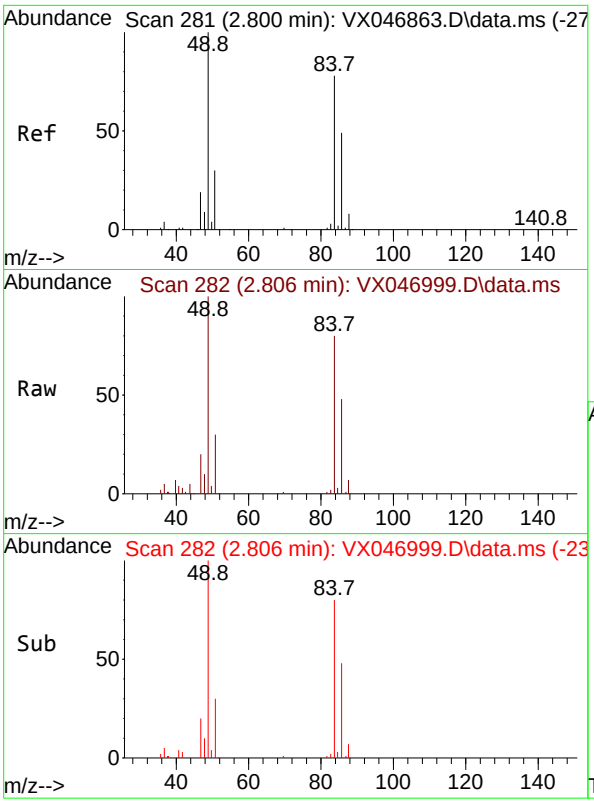


#16
Acetone
Concen: 70.193 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion: 43 Resp: 97705

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.8	38.6

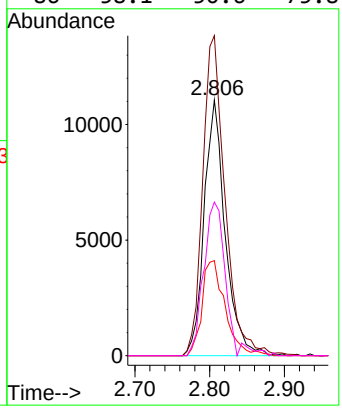




#20
Methylene Chloride
Concen: 5.259 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion: 84 Resp: 2164

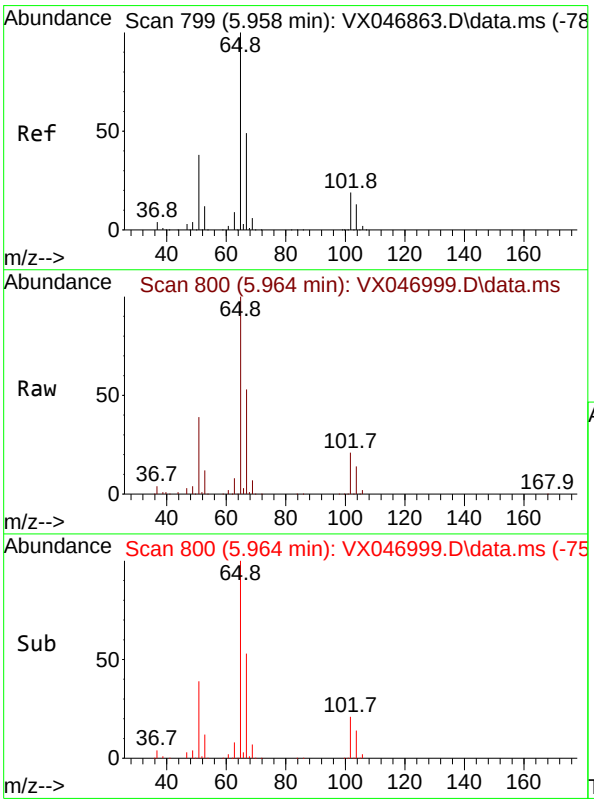
Ion	Ratio	Lower	Upper
84	100		
49	121.0	102.8	154.2
51	35.9	31.1	46.7
86	58.1	50.6	75.8



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations
APPROVED

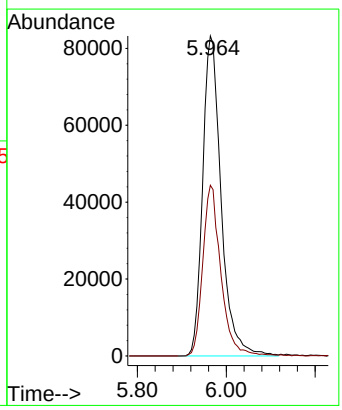
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

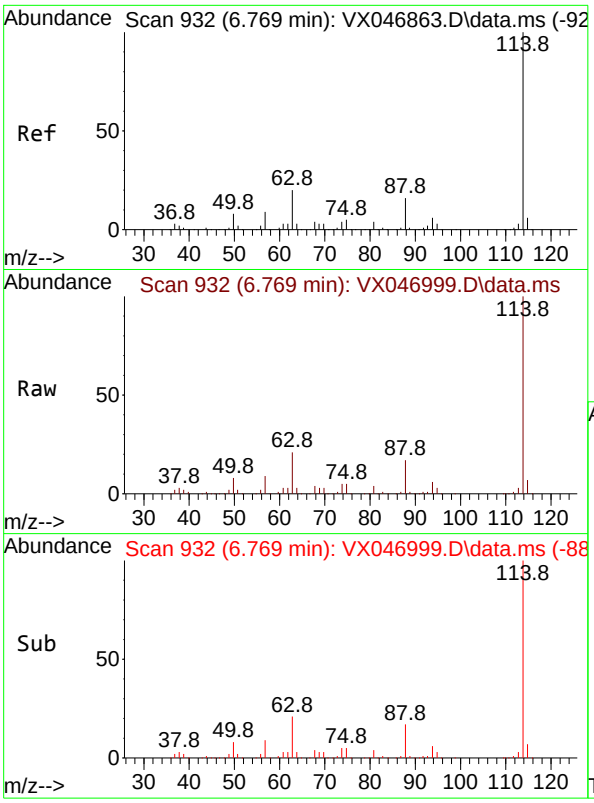


#33
1,2-Dichloroethane-d4
Concen: 53.801 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion: 65 Resp: 241091

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

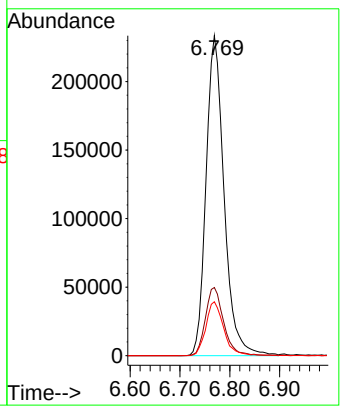
Tgt Ion:114 Resp: 58647

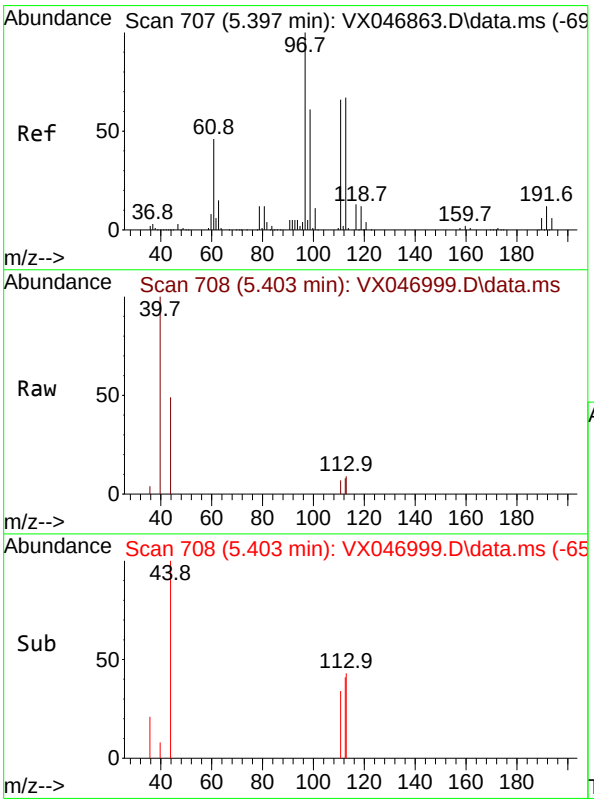
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.4
88	16.8	0.0	31.0

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

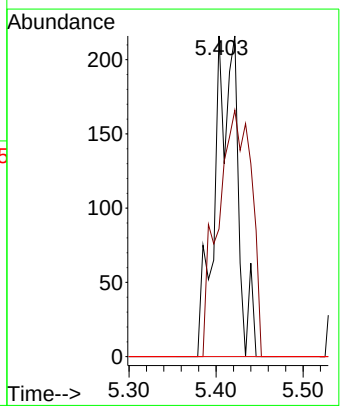


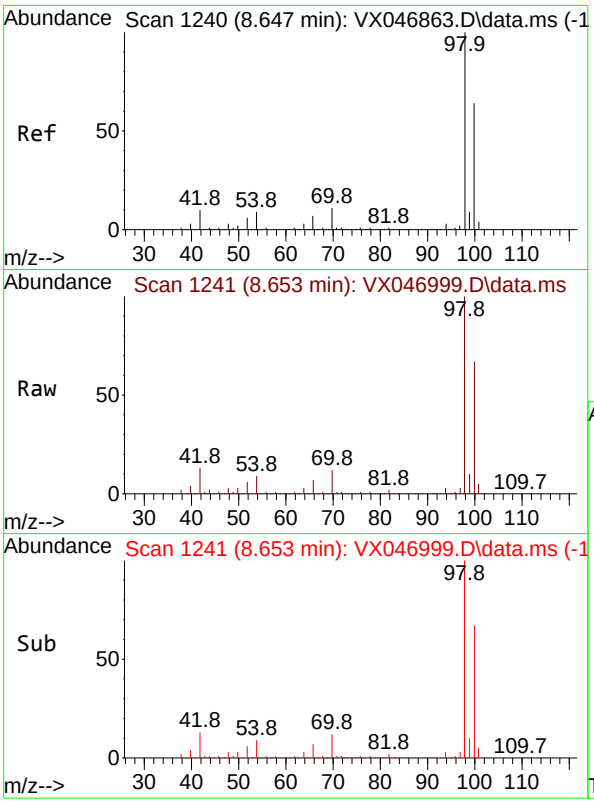


#35
Dibromofluoromethane
Concen: 0.098 ug/l m
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion:113 Resp: 392

Ion	Ratio	Lower	Upper
113	100		
111	112.8	81.2	121.8
192	0.0	15.3	22.9#





#50
Toluene-d8
Concen: 47.768 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

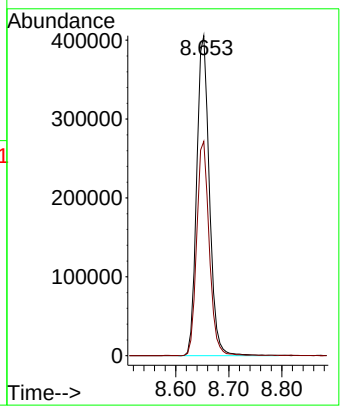
Tgt Ion: 98 Resp: 67094

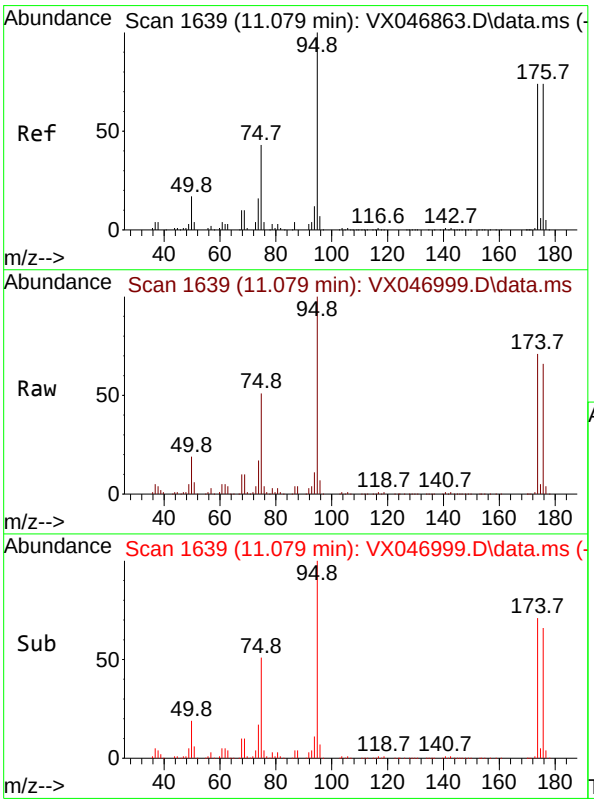
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

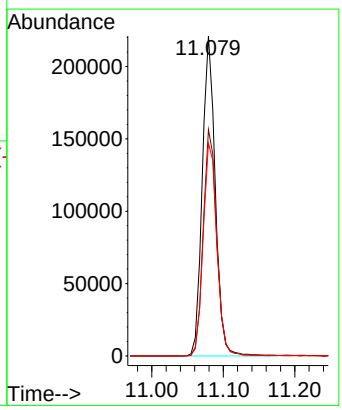


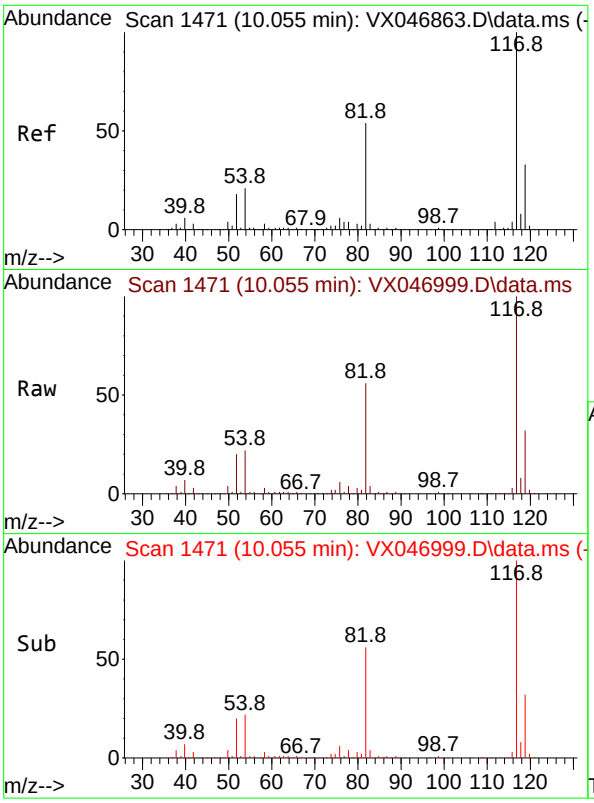


#62
4-Bromofluorobenzene
Concen: 52.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion: 95 Resp: 279542

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	152.0
176	70.5	0.0	145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

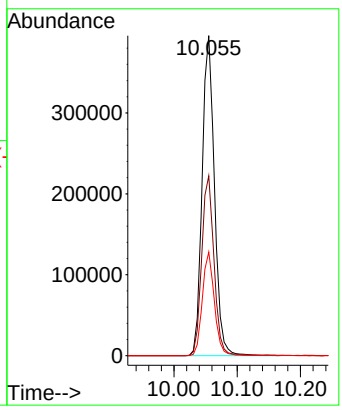
Tgt Ion:117 Resp: 53657

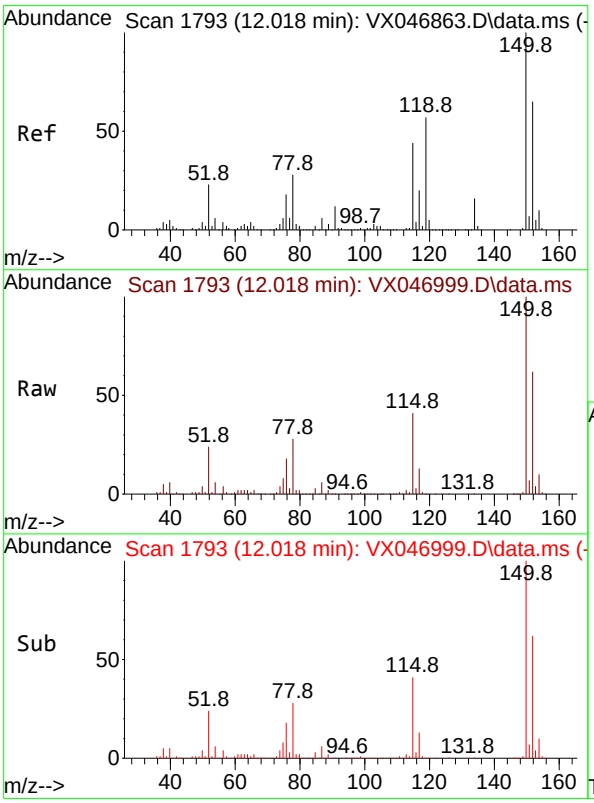
Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.3	64.9
119	32.4	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

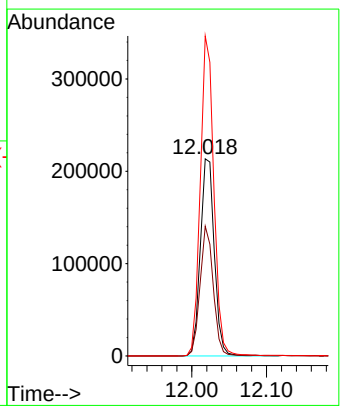


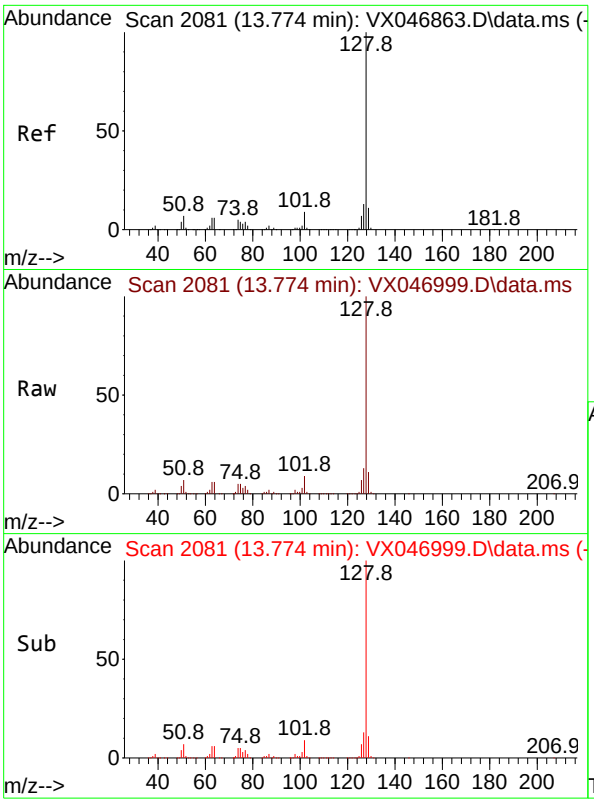


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion:152 Resp: 277997

Ion	Ratio	Lower	Upper
152	100		
115	62.0	42.4	127.1
150	156.8	0.0	349.2

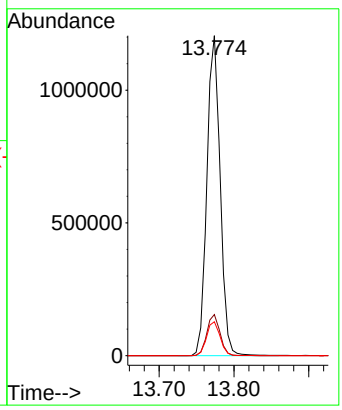




#95
Naphthalene
Concen: 94.075 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046999.D
Acq: 15 Jul 2025 14:16

Tgt Ion:128 Resp: 148571

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-GRE

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG No.: Q2579

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

* 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 : 82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025
Response Via : Initial Calibration

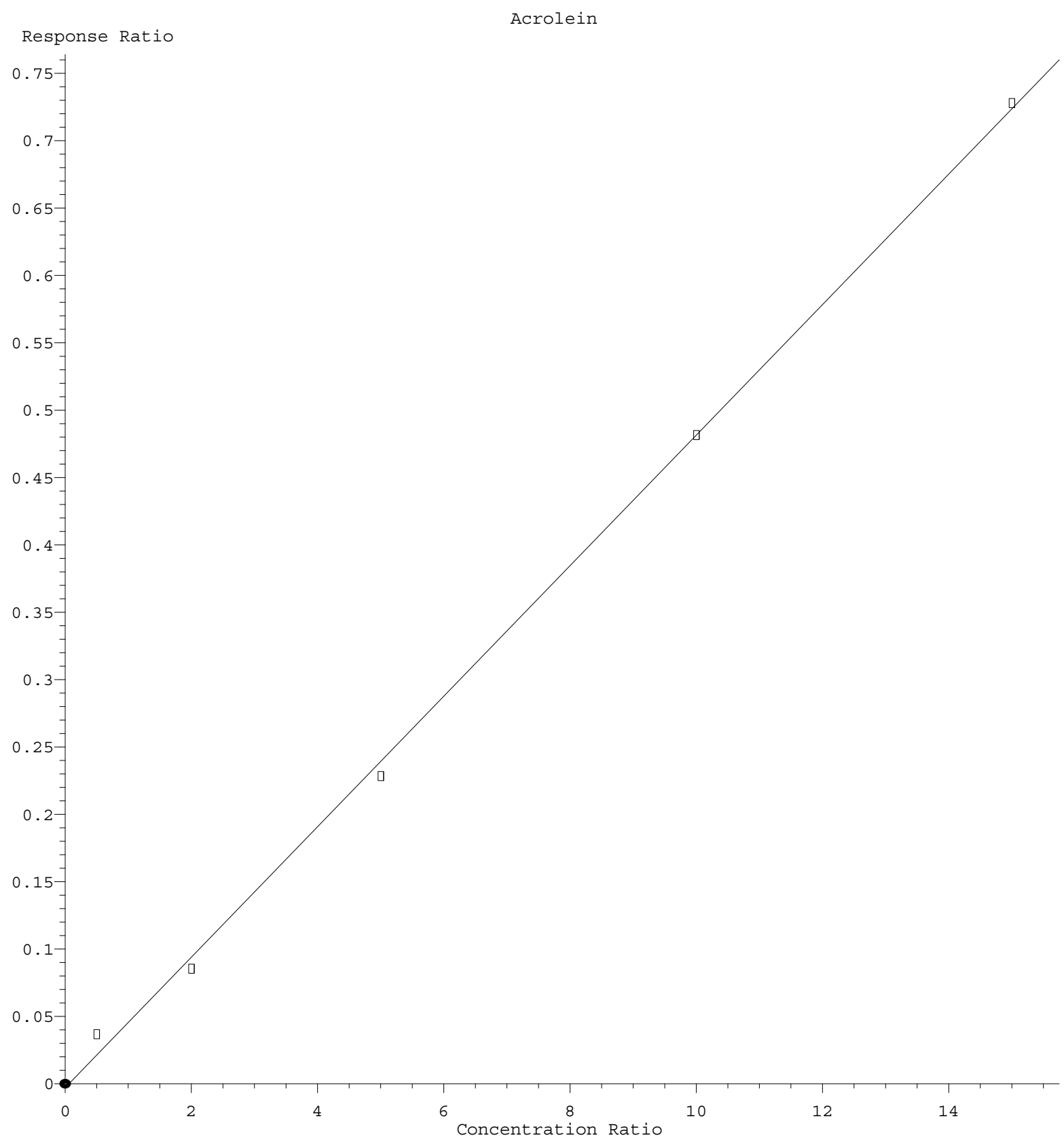
Calibration Files
1 =VX046860.D 5 =VX046861.D 20 =VX046862.D 50 =VX046863.D 100 =VX046864.D 150 =VX046865.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.67
3)	P	Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.38
4)	C	Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.19#
5)	T	Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12.04
6)	T	Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.38
7)	T	Trichlorofluor...	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3.02
8)	T	Diethyl Ether	0.315	0.308	0.316	0.304	0.317	0.317	0.313	1.78
9)	T	1,1,2-Trichlor...	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.58
10)	T	Methyl Iodide		0.465	0.581	0.631	0.681	0.696	0.611	15.27
11)	T	Tert butyl alc...		0.044	0.042	0.042	0.043	0.045	0.043	3.54
12)	CM	1,1-Dichloroet...	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.85#
13)	T	Acrolein		0.074	0.043	0.046	0.048	0.049	0.052	24.05
14)	T	Allyl chloride	0.975	0.939	0.963	0.943	0.988	0.983	0.965	2.12
15)	T	Acrylonitrile	0.266	0.238	0.249	0.246	0.250	0.254	0.250	3.81
16)	T	Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.90
17)	T	Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	5.98
18)	T	Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.08
19)	T	Methyl tert-bu...	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.25
20)	T	Methylene Chlo...	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.14
21)	T	trans-1,2-Dich...	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.31
22)	T	Diisopropyl ether	1.666	1.831	1.967	1.905	1.927	1.893	1.865	5.75
23)	T	Vinyl Acetate	1.255	1.341	1.423	1.423	1.465	1.475	1.397	6.02
24)	P	1,1-Dichloroet...	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.71
25)	T	2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.07
26)	T	2,2-Dichloropr...	0.832	0.746	0.782	0.761	0.802	0.826	0.792	4.38
27)	T	cis-1,2-Dichlo...	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.78
28)	T	Bromochloromet...	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.29
29)	T	Tetrahydrofuran	0.175	0.162	0.174	0.175	0.178	0.183	0.175	4.02
30)	C	Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.93#
31)	T	Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3.00
32)	T	1,1,1-Trichlor...	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.17
33)	S	1,2-Dichloroet...		0.722	0.652	0.647	0.641	0.640	0.661	5.29
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.355	0.346	0.339	0.332	0.325	0.339	3.47
36)	T	1,1-Dichloropr...	0.499	0.477	0.461	0.439	0.434	0.437	0.458	5.71
37)	T	Ethyl Acetate	0.506	0.376	0.371	0.360	0.355	0.373	0.390	14.73
38)	T	Carbon Tetrach...	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.73
39)	T	Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.20
40)	TM	Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.88
41)	T	Methacrylonitrile	0.175	0.196	0.222	0.213	0.221	0.222	0.208	9.12
42)	TM	1,2-Dichloroet...	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.39
43)	T	Isopropyl Acetate	0.508	0.562	0.613	0.618	0.630	0.652	0.597	8.82
44)	TM	Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5.02
45)	C	1,2-Dichloropr...	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3.03#
46)	T	Dibromomethane	0.247	0.246	0.250	0.240	0.236	0.237	0.242	2.35
47)	T	Bromodichlorom...	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.87
48)	T	Methyl methacr...	0.257	0.294	0.307	0.322	0.329	0.343	0.308	9.89
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	2.38
50)	S	Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.60
51)	T	4-Methyl-2-Pen...	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.26
52)	CM	Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.95#
53)	T	t-1,3-Dichloro...	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.81
54)	T	cis-1,3-Dichlo...	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.71
55)	T	1,1,2-Trichlor...	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.82
56)	T	Ethyl methacry...	0.390	0.409	0.447	0.459	0.468	0.482	0.442	8.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X070225W.M

57)	T	1,3-Dichloropr...	0.567	0.567	0.572	0.541	0.528	0.527	0.550	3.76
58)	T	2-Chloroethyl ...	0.217	0.235	0.258	0.267	0.260	0.259	0.249	7.69
59)	T	2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.83
60)	T	Dibromochlorom...	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.94
61)	T	1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.82
62)	S	4-Bromofluorob...		0.493	0.469	0.455	0.433	0.426	0.455	5.97
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.13
65)	PM	Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.32
66)	T	1,1,1,2-Tetrac...	0.366	0.347	0.377	0.359	0.366	0.367	0.363	2.75
67)	C	Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.32#
68)	T	m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.05
69)	T	o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.36
70)	T	Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.50
71)	P	Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.94
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	3.97
74)	T	N-amyl acetate	0.953	1.079	1.194	1.270	1.303	1.367	1.194	12.93
75)	P	1,1,2,2-Tetrac...	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.26
76)	T	1,2,3-Trichlor...	0.781	0.720	0.770	0.787	0.791	0.787	0.773	3.46
77)	T	Bromobenzene	0.868	0.890	0.876	0.876	0.870	0.872	0.875	0.89
78)	T	n-propylbenzene	4.048	4.223	4.362	4.293	4.271	4.233	4.238	2.50
79)	T	2-Chlorotoluene	2.441	2.523	2.596	2.482	2.498	2.474	2.503	2.13
80)	T	1,3,5-Trimethy...	2.574	2.780	3.014	2.924	2.947	2.896	2.856	5.54
81)	T	trans-1,4-Dich...		0.236	0.267	0.292	0.312	0.333	0.288	13.09
82)	T	4-Chlorotoluene	2.755	2.916	2.982	2.915	2.899	2.859	2.888	2.64
83)	T	tert-Butylbenzene	2.733	2.876	3.036	3.020	3.031	3.002	2.950	4.13
84)	T	1,2,4-Trimethy...	2.615	2.872	3.017	2.949	2.930	2.937	2.887	4.88
85)	T	sec-Butylbenzene	3.475	3.721	3.852	3.782	3.766	3.719	3.719	3.47
86)	T	p-Isopropyltol...	2.948	3.159	3.181	3.162	3.160	3.077	3.114	2.87
87)	T	1,3-Dichlorobe...	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.50
88)	T	1,4-Dichlorobe...	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.52
89)	T	n-Butylbenzene	2.747	2.891	3.036	2.987	2.983	2.914	2.926	3.51
90)	T	Hexachloroethane	0.530	0.523	0.537	0.554	0.581	0.589	0.552	4.95
91)	T	1,2-Dichlorobe...	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.07
92)	T	1,2-Dibromo-3-...	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.69
93)	T	1,2,4-Trichlor...	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.86
94)	T	Hexachlorobuta...	0.393	0.397	0.421	0.409	0.408	0.411	0.407	2.52
95)	T	Naphthalene	2.210	2.537	2.893	3.034	3.096	3.273	2.840	13.92
96)	T	1,2,3-Trichlor...	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.20

(#) = Out of Range



Response = 4.842e-002 * Amt - 2.745e-003
Coef of Det (r^2) = 0.998662 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X070225W.M
Calibration Table Last Updated: Thu Jul 03 05:51:11 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	372069	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	622566	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	571866	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	290571	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.185	85	3309	0.930	ug/l		89
3) Chloromethane	1.307	50	3761	0.967	ug/l		89
4) Vinyl Chloride	1.386	62	4227	0.998	ug/l		99
6) Chloroethane	1.703	64	3296	1.179	ug/l		94
7) Trichlorofluoromethane	1.910	101	6304	0.963	ug/l		88
8) Diethyl Ether	2.148	74	2346	1.007	ug/l		94
9) 1,1,2-Trichlorotrifluo...	2.349	101	3923	0.940	ug/l		93
12) 1,1-Dichloroethene	2.337	96	4037	1.001	ug/l		90
14) Allyl chloride	2.678	41	7259	1.011	ug/l		96
15) Acrylonitrile	3.081	53	9914m	5.298	ug/l		
16) Acetone	2.386	43	8778	5.749	ug/l		89
17) Carbon Disulfide	2.532	76	11797	1.115	ug/l	#	88
18) Methyl Acetate	2.715	43	3632	0.903	ug/l		99
19) Methyl tert-butyl Ether	3.123	73	10768	0.945	ug/l		96
20) Methylene Chloride	2.800	84	4636	1.027	ug/l	#	91
21) trans-1,2-Dichloroethene	3.111	96	4109	0.995	ug/l		92
22) Diisopropyl ether	3.776	45	12396	0.893	ug/l	#	56
23) Vinyl Acetate	3.739	43	46702	4.492	ug/l		97
24) 1,1-Dichloroethane	3.623	63	8033	1.015	ug/l		98
25) 2-Butanone	4.599	43	9681m	4.752	ug/l		
26) 2,2-Dichloropropane	4.483	77	6192	1.051	ug/l		93
27) cis-1,2-Dichloroethene	4.501	96	5289	1.049	ug/l		98
28) Bromochloromethane	4.910	49	3938	1.008	ug/l	#	95
29) Tetrahydrofuran	5.025	42	6512	5.015	ug/l	#	62
30) Chloroform	5.111	83	8561	1.059	ug/l	#	80
32) 1,1,1-Trichloroethane	5.391	97	7025	1.040	ug/l	#	49
36) 1,1-Dichloropropene	5.702	75	6211	1.089	ug/l		91
37) Ethyl Acetate	4.763	43	6302m	1.298	ug/l		
38) Carbon Tetrachloride	5.690	117	5859m	0.959	ug/l		
39) Methylcyclohexane	7.385	83	6714	0.941	ug/l		86
40) Benzene	6.050	78	17315	1.004	ug/l	#	87
41) Methacrylonitrile	4.958	41	2181m	0.842	ug/l		
42) 1,2-Dichloroethane	6.104	62	6218	1.062	ug/l		88
43) Isopropyl Acetate	6.354	43	6331	0.851	ug/l	#	79
44) Trichloroethene	7.135	130	4807	1.071	ug/l		94
45) 1,2-Dichloropropane	7.446	63	4536	1.041	ug/l	#	77

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	3072	1.018	ug/l		96
47) Bromodichloromethane	7.830	83	6705	1.040	ug/l		91
48) Methyl methacrylate	7.714	41	3198	0.833	ug/l	#	54
49) 1,4-Dioxane	7.683	88	860m	19.325	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	20561	4.684	ug/l		97
52) Toluene	8.726	92	10648	0.996	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	5080	0.883	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	6171	0.940	ug/l	#	47
55) 1,1,2-Trichloroethane	9.159	97	4046	1.016	ug/l	#	84
56) Ethyl methacrylate	9.122	69	4850	0.880	ug/l		95
57) 1,3-Dichloropropane	9.311	76	7057	1.030	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.250	63	13509	4.352	ug/l		100
59) 2-Hexanone	9.439	43	12742	4.376	ug/l		94
60) Dibromochloromethane	9.519	129	4772	1.002	ug/l		95
61) 1,2-Dibromoethane	9.610	107	4026	1.007	ug/l		100
64) Tetrachloroethene	9.275	164	4039	1.061	ug/l	#	86
65) Chlorobenzene	10.079	112	12712	1.028	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4188	1.008	ug/l	#	65
67) Ethyl Benzene	10.195	91	20707	0.978	ug/l		96
68) m/p-Xylenes	10.305	106	16047	2.011	ug/l		91
69) o-Xylene	10.640	106	7726	1.002	ug/l		95
70) Styrene	10.659	104	12236	0.928	ug/l		98
71) Bromoform	10.805	173	3071	0.994	ug/l	#	97
73) Isopropylbenzene	10.963	105	18985	0.929	ug/l		100
74) N-amyl acetate	10.848	43	5537	0.798	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	5809	1.034	ug/l		94
76) 1,2,3-Trichloropropane	11.238	75	4536m	1.010	ug/l		
77) Bromobenzene	11.201	156	5045	0.992	ug/l		96
78) n-propylbenzene	11.305	91	23522	0.955	ug/l		98
79) 2-Chlorotoluene	11.366	91	14185	0.975	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	14958	0.901	ug/l		100
82) 4-Chlorotoluene	11.457	91	16012	0.954	ug/l		97
83) tert-Butylbenzene	11.713	119	15883	0.927	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	15197	0.906	ug/l		96
85) sec-Butylbenzene	11.890	105	20193	0.934	ug/l		99
86) p-Isopropyltoluene	12.006	119	17131	0.946	ug/l		93
87) 1,3-Dichlorobenzene	11.969	146	9388	0.987	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	10764m	1.087	ug/l		
89) n-Butylbenzene	12.335	91	15963	0.939	ug/l		99
90) Hexachloroethane	12.536	117	3079	0.960	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	9448	1.025	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	920	0.937	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	5904	0.942	ug/l		98
94) Hexachlorobutadiene	13.725	225	2281	0.966	ug/l		87
95) Naphthalene	13.780	128	12846	0.778	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	5231	0.884	ug/l		95

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

ICAL Form

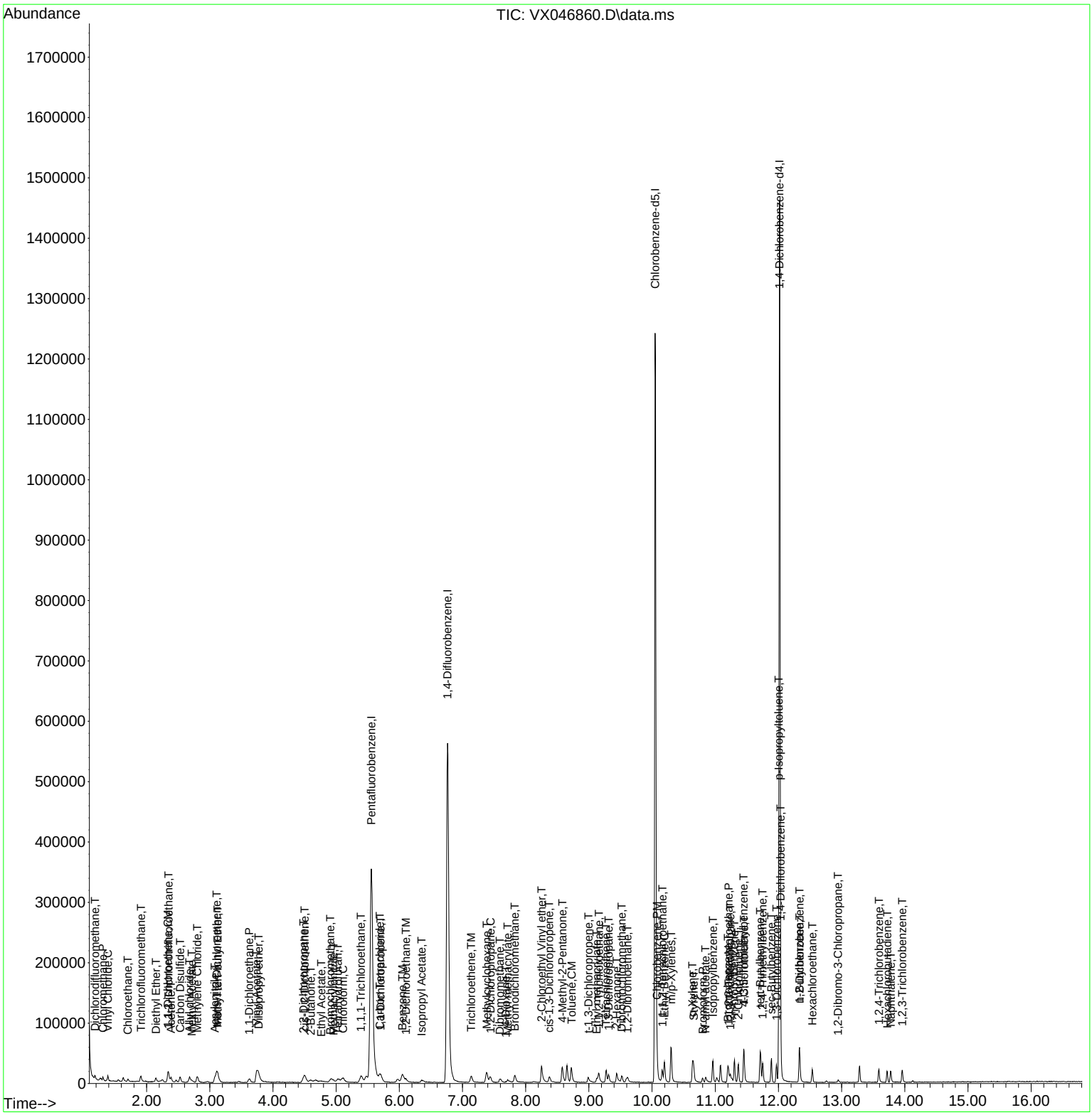
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	396691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	652365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	592225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	28658	5.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.940%#		
35) Dibromofluoromethane	5.397	113	23179	5.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.460%#		
50) Toluene-d8	8.647	98	83349	5.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.079	95	32156	5.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.840%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	17184	4.530	ug/l	99
3) Chloromethane	1.306	50	20130	4.857	ug/l	95
4) Vinyl Chloride	1.386	62	21789	4.827	ug/l	99
5) Bromomethane	1.623	94	15966	5.505	ug/l	93
6) Chloroethane	1.703	64	14497	4.864	ug/l	97
7) Trichlorofluoromethane	1.904	101	34689	4.970	ug/l	98
8) Diethyl Ether	2.148	74	12204	4.914	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	22655	5.094	ug/l	98
10) Methyl Iodide	2.465	142	18441	3.806	ug/l	95
11) Tert butyl alcohol	2.952	59	8771	25.519	ug/l	100
12) 1,1-Dichloroethene	2.337	96	22008	5.116	ug/l	100
13) Acrolein	2.245	56	14598	40.835	ug/l	98
14) Allyl chloride	2.678	41	37266	4.866	ug/l	95
15) Acrylonitrile	3.074	53	47130	23.621	ug/l	100
16) Acetone	2.385	43	41693	25.612	ug/l	94
17) Carbon Disulfide	2.526	76	56543	5.012	ug/l	98
18) Methyl Acetate	2.715	43	18796	4.381	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	58304	4.800	ug/l	96
20) Methylene Chloride	2.800	84	24790	5.150	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	22385	5.086	ug/l	98
22) Diisopropyl ether	3.763	45	72646	4.910	ug/l #	74
23) Vinyl Acetate	3.733	43	265941	23.992	ug/l	97
24) 1,1-Dichloroethane	3.617	63	42994	5.095	ug/l	97
25) 2-Butanone	4.568	43	53597	24.678	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29599	4.713	ug/l	79
27) cis-1,2-Dichloroethene	4.501	96	26549	4.940	ug/l	96
28) Bromochloromethane	4.915	49	21555	5.176	ug/l	94
29) Tetrahydrofuran	5.019	42	32120	23.200	ug/l	98
30) Chloroform	5.098	83	43886	5.091	ug/l	99
31) Cyclohexane	5.482	56	38601	5.153	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	35598	4.943	ug/l	95
36) 1,1-Dichloropropene	5.702	75	31138	5.212	ug/l	98
37) Ethyl Acetate	4.733	43	24519	4.818	ug/l #	92
38) Carbon Tetrachloride	5.690	117	32963	5.151	ug/l	93
39) Methylcyclohexane	7.385	83	38332	5.129	ug/l	99
40) Benzene	6.043	78	94260	5.216	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	12777	4.707	ug/l	#	94
42) 1,2-Dichloroethane	6.092	62	31102	5.068	ug/l		98
43) Isopropyl Acetate	6.348	43	36681	4.706	ug/l		98
44) Trichloroethene	7.128	130	24587	5.227	ug/l		98
45) 1,2-Dichloropropane	7.433	63	22205	4.863	ug/l		91
46) Dibromomethane	7.586	93	16018	5.063	ug/l		99
47) Bromodichloromethane	7.824	83	33143	4.907	ug/l		99
48) Methyl methacrylate	7.702	41	19166	4.762	ug/l		98
49) 1,4-Dioxane	7.671	88	4647	99.650	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.573	43	110844	24.096	ug/l		100
52) Toluene	8.720	92	58295	5.206	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	28142	4.668	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	32562	4.732	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	21431	5.138	ug/l		96
56) Ethyl methacrylate	9.122	69	26665	4.619	ug/l		97
57) 1,3-Dichloropropane	9.311	76	37000	5.152	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	76711	23.583	ug/l		99
59) 2-Hexanone	9.433	43	73995	24.251	ug/l		94
60) Dibromochloromethane	9.518	129	25465	5.101	ug/l		96
61) 1,2-Dibromoethane	9.610	107	20695	4.940	ug/l		98
64) Tetrachloroethene	9.274	164	20514	5.203	ug/l		97
65) Chlorobenzene	10.079	112	66148	5.166	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20533	4.770	ug/l		94
67) Ethyl Benzene	10.195	91	110637	5.046	ug/l		97
68) m/p-Xylenes	10.299	106	84083	10.176	ug/l		100
69) o-Xylene	10.640	106	40078	5.021	ug/l		99
70) Styrene	10.652	104	68250	4.998	ug/l		99
71) Bromoform	10.799	173	15461	4.831	ug/l	#	99
73) Isopropylbenzene	10.963	105	106065	4.876	ug/l		98
74) N-amyl acetate	10.841	43	33387	4.517	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29333	4.905	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	22279m	4.660	ug/l		
77) Bromobenzene	11.195	156	27534	5.082	ug/l		95
78) n-propylbenzene	11.298	91	130658	4.982	ug/l		97
79) 2-Chlorotoluene	11.359	91	78075	5.042	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	86020	4.867	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	7304	4.100	ug/l	#	81
82) 4-Chlorotoluene	11.451	91	90236	5.049	ug/l		100
83) tert-Butylbenzene	11.713	119	88998	4.876	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	88868	4.975	ug/l		95
85) sec-Butylbenzene	11.890	105	115141	5.003	ug/l		100
86) p-Isopropyltoluene	12.006	119	97742	5.072	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	51500	5.083	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	54943	5.210	ug/l		95
89) n-Butylbenzene	12.329	91	89435	4.939	ug/l		97
90) Hexachloroethane	12.536	117	16170	4.733	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	49253	5.016	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	4675	4.469	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	31558	4.731	ug/l		100
94) Hexachlorobutadiene	13.719	225	12292	4.886	ug/l		97
95) Naphthalene	13.774	128	78483	4.465	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	29854	4.737	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

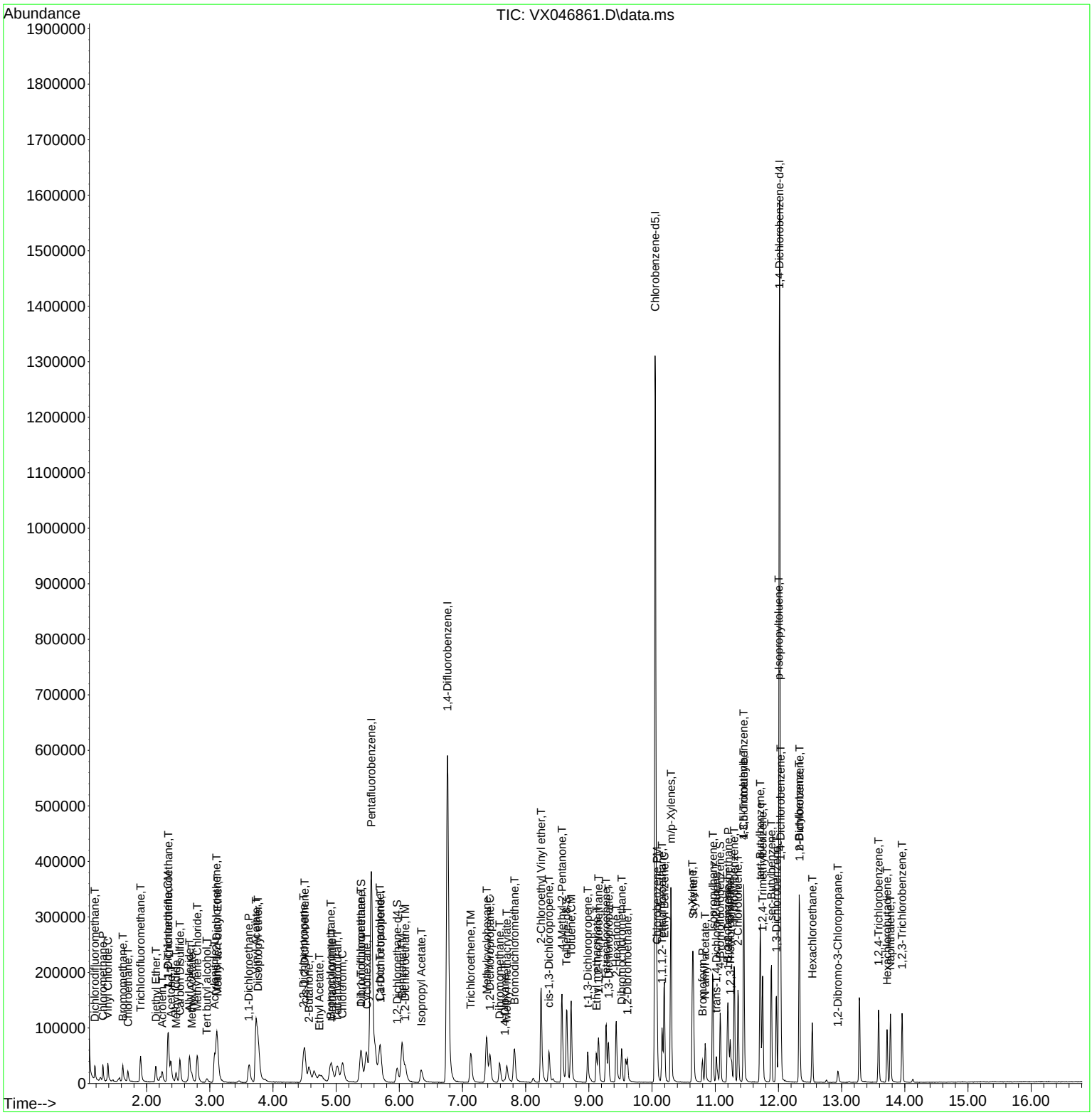
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	399111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	642908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	576289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	296482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104091	19.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.480%#		
35) Dibromofluoromethane	5.391	113	88863	20.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.720%#		
50) Toluene-d8	8.647	98	313624	20.369	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.740%#		
62) 4-Bromofluorobenzene	11.079	95	120554	20.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	81688	21.402	ug/l	99
3) Chloromethane	1.306	50	86312	20.697	ug/l	97
4) Vinyl Chloride	1.386	62	94339	20.773	ug/l	100
5) Bromomethane	1.629	94	64159	21.988	ug/l	97
6) Chloroethane	1.703	64	61209	20.412	ug/l	100
7) Trichlorofluoromethane	1.904	101	147045	20.941	ug/l	98
8) Diethyl Ether	2.142	74	50485	20.203	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	93041	20.794	ug/l	98
10) Methyl Iodide	2.465	142	92753	19.028	ug/l	100
11) Tert butyl alcohol	2.952	59	33170	95.921	ug/l	99
12) 1,1-Dichloroethene	2.337	96	87106	20.127	ug/l	99
13) Acrolein	2.245	56	34095	91.049	ug/l	97
14) Allyl chloride	2.678	41	153719	19.950	ug/l	99
15) Acrylonitrile	3.068	53	198794	99.028	ug/l	99
16) Acetone	2.379	43	155869	95.170	ug/l	98
17) Carbon Disulfide	2.526	76	224317	19.764	ug/l	98
18) Methyl Acetate	2.709	43	89471	20.726	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	245776	20.110	ug/l	100
20) Methylene Chloride	2.800	84	99547	20.555	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	91856	20.742	ug/l	94
22) Diisopropyl ether	3.763	45	314003	21.094	ug/l	94
23) Vinyl Acetate	3.727	43	1136064	101.868	ug/l	100
24) 1,1-Dichloroethane	3.617	63	171529	20.204	ug/l	100
25) 2-Butanone	4.556	43	219759	100.571	ug/l	99
26) 2,2-Dichloropropane	4.483	77	124894	19.767	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	109844	20.316	ug/l	99
28) Bromochloromethane	4.903	49	83733	19.985	ug/l	97
29) Tetrahydrofuran	5.001	42	138587	99.493	ug/l	99
30) Chloroform	5.098	83	177543	20.470	ug/l	97
31) Cyclohexane	5.470	56	155952	20.692	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	144962	20.005	ug/l	98
36) 1,1-Dichloropropene	5.702	75	118611	20.144	ug/l	97
37) Ethyl Acetate	4.720	43	95352	19.013	ug/l	99
38) Carbon Tetrachloride	5.684	117	127307	20.188	ug/l	97
39) Methylcyclohexane	7.378	83	151595	20.582	ug/l	96
40) Benzene	6.043	78	373429	20.968	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	57138	21.358	ug/l		95
42) 1,2-Dichloroethane	6.086	62	125114	20.689	ug/l		99
43) Isopropyl Acetate	6.336	43	157613	20.519	ug/l		100
44) Trichloroethene	7.128	130	93746	20.221	ug/l		100
45) 1,2-Dichloropropane	7.427	63	93205	20.714	ug/l		99
46) Dibromomethane	7.580	93	64260	20.612	ug/l		100
47) Bromodichloromethane	7.817	83	137600	20.670	ug/l		98
48) Methyl methacrylate	7.695	41	78897	19.892	ug/l		97
49) 1,4-Dioxane	7.659	88	18907	411.405	ug/l		97
51) 4-Methyl-2-Pentanone	8.567	43	473773	104.508	ug/l		99
52) Toluene	8.714	92	232882	21.102	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	120040	20.206	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	136889	20.187	ug/l		98
55) 1,1,2-Trichloroethane	9.146	97	84451	20.545	ug/l		97
56) Ethyl methacrylate	9.116	69	114929	20.200	ug/l		99
57) 1,3-Dichloropropane	9.305	76	147193	20.795	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	331143	103.298	ug/l		100
59) 2-Hexanone	9.427	43	314535	104.602	ug/l		99
60) Dibromochloromethane	9.518	129	100960	20.523	ug/l		100
61) 1,2-Dibromoethane	9.610	107	85342	20.672	ug/l		100
64) Tetrachloroethene	9.268	164	79577	20.740	ug/l		96
65) Chlorobenzene	10.073	112	256491	20.586	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	86804	20.724	ug/l		99
67) Ethyl Benzene	10.189	91	444690	20.841	ug/l		99
68) m/p-Xylenes	10.299	106	337082	41.924	ug/l		98
69) o-Xylene	10.640	106	162094	20.870	ug/l		99
70) Styrene	10.652	104	283121	21.307	ug/l		100
71) Bromoform	10.799	173	62957	20.215	ug/l	#	98
73) Isopropylbenzene	10.957	105	428283	20.549	ug/l		100
74) N-amyl acetate	10.841	43	141581	19.991	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	116329	20.298	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	91349m	19.941	ug/l		
77) Bromobenzene	11.195	156	103902	20.014	ug/l		96
78) n-propylbenzene	11.298	91	517332	20.585	ug/l		100
79) 2-Chlorotoluene	11.359	91	307886	20.748	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	357455	21.108	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	31721	18.582	ug/l		94
82) 4-Chlorotoluene	11.451	91	353678	20.654	ug/l		99
83) tert-Butylbenzene	11.713	119	360024	20.583	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	357753	20.900	ug/l		95
85) sec-Butylbenzene	11.890	105	456837	20.715	ug/l		100
86) p-Isopropyltoluene	12.006	119	377192	20.425	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	198351	20.429	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	202881	20.078	ug/l		99
89) n-Butylbenzene	12.329	91	360061	20.750	ug/l		99
90) Hexachloroethane	12.536	117	63705	19.459	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	192682	20.479	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19455	19.409	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	127830	19.999	ug/l		99
94) Hexachlorobutadiene	13.725	225	49928	20.713	ug/l		99
95) Naphthalene	13.774	128	343123	20.372	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	122506	20.284	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

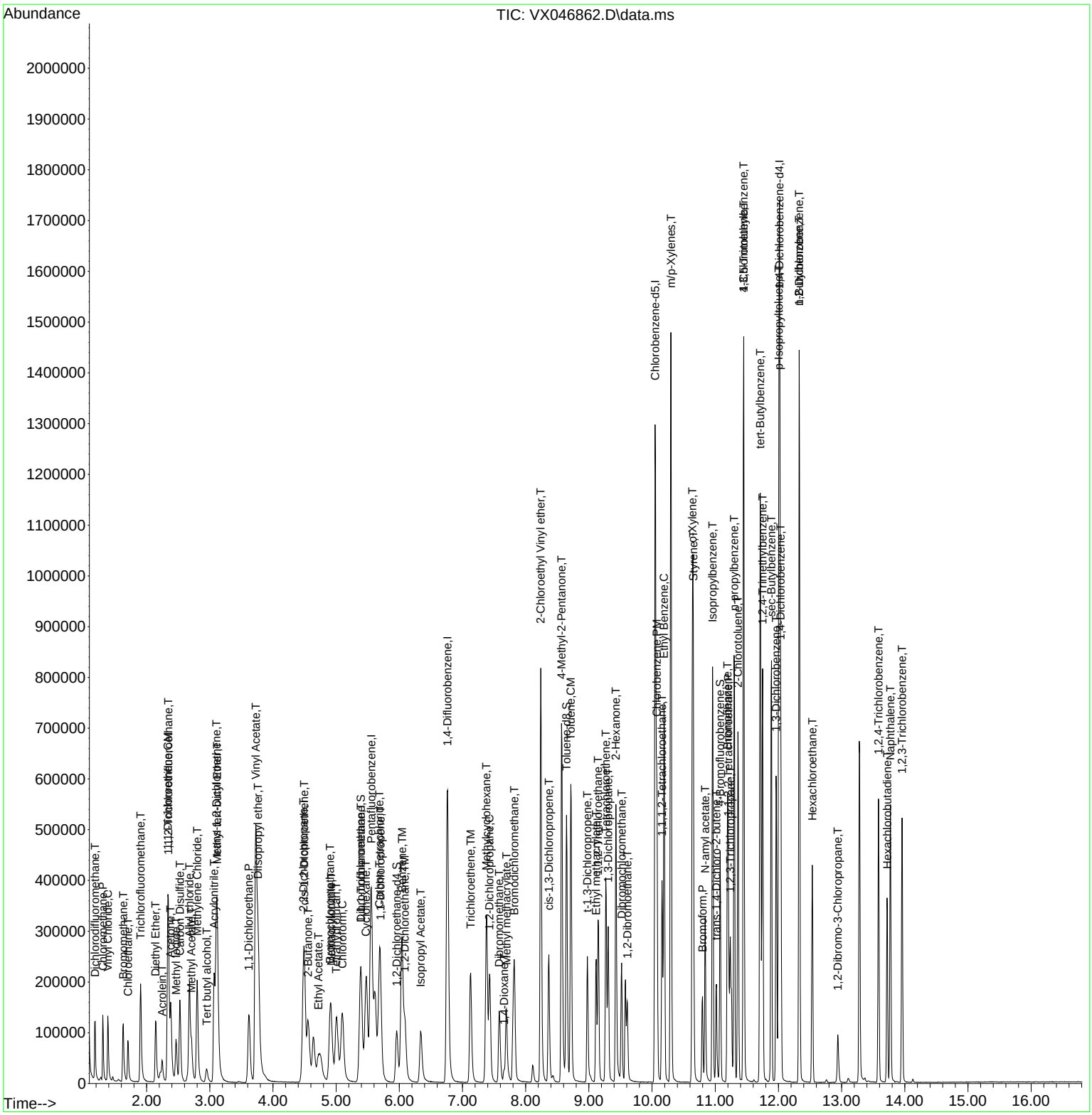
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	368182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238206	48.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.940%			
35) Dibromofluoromethane	5.397	113	203814	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.647	98	718232	49.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	273366	49.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	179160	50.881	ug/l	100
3) Chloromethane	1.307	50	186908	48.585	ug/l	100
4) Vinyl Chloride	1.386	62	202462	48.327	ug/l	100
5) Bromomethane	1.624	94	132366	49.174	ug/l	100
6) Chloroethane	1.703	64	127577	46.118	ug/l	100
7) Trichlorofluoromethane	1.904	101	315495	48.704	ug/l	100
8) Diethyl Ether	2.148	74	112089	48.624	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	201760	48.880	ug/l	100
10) Methyl Iodide	2.471	142	232179	51.631	ug/l	100
11) Tert butyl alcohol	2.953	59	77545	243.081	ug/l	100
12) 1,1-Dichloroethene	2.337	96	193069	48.359	ug/l	100
13) Acrolein	2.246	56	84088	238.671	ug/l	100
14) Allyl chloride	2.678	41	347253	48.854	ug/l	100
15) Acrylonitrile	3.075	53	453047	244.641	ug/l	100
16) Acetone	2.386	43	355803	235.495	ug/l	100
17) Carbon Disulfide	2.532	76	494153	47.196	ug/l	100
18) Methyl Acetate	2.715	43	203643	51.137	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	562569	49.898	ug/l	100
20) Methylene Chloride	2.800	84	215411	48.215	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	199150	48.748	ug/l	100
22) Diisopropyl ether	3.770	45	701332	51.071	ug/l	100
23) Vinyl Acetate	3.733	43	2620249	254.689	ug/l	100
24) 1,1-Dichloroethane	3.623	63	382510	48.841	ug/l	100
25) 2-Butanone	4.562	43	506469	251.252	ug/l	100
26) 2,2-Dichloropropane	4.489	77	280159	48.066	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	243080	48.734	ug/l	100
28) Bromochloromethane	4.910	49	194431	50.303	ug/l	100
29) Tetrahydrofuran	5.007	42	322800	251.209	ug/l	100
30) Chloroform	5.105	83	386035	48.247	ug/l	100
31) Cyclohexane	5.483	56	337894	48.598	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	326288	48.811	ug/l	100
36) 1,1-Dichloropropene	5.702	75	264243	47.988	ug/l	100
37) Ethyl Acetate	4.721	43	216259	46.111	ug/l	100
38) Carbon Tetrachloride	5.690	117	286310	48.549	ug/l	100
39) Methylcyclohexane	7.385	83	341159	49.529	ug/l	100
40) Benzene	6.050	78	815341	48.954	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	127915	51.128	ug/l		100
42) 1,2-Dichloroethane	6.092	62	276628	48.913	ug/l		100
43) Isopropyl Acetate	6.342	43	371859	51.765	ug/l		100
44) Trichloroethene	7.129	130	206841	47.708	ug/l		100
45) 1,2-Dichloropropane	7.434	63	207864	49.398	ug/l		100
46) Dibromomethane	7.586	93	144114	49.430	ug/l		100
47) Bromodichloromethane	7.824	83	306696	49.265	ug/l		100
48) Methyl methacrylate	7.696	41	193493	52.165	ug/l		100
49) 1,4-Dioxane	7.659	88	43664	1015.947	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	1101634	259.847	ug/l		100
52) Toluene	8.720	92	505397	48.969	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	284038	51.124	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	320678	50.567	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	191073	49.704	ug/l		100
56) Ethyl methacrylate	9.116	69	276170	51.905	ug/l		100
57) 1,3-Dichloropropane	9.305	76	325345	49.150	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	802354	267.636	ug/l		100
59) 2-Hexanone	9.427	43	742855	264.164	ug/l		100
60) Dibromochloromethane	9.519	129	226427	49.218	ug/l		100
61) 1,2-Dibromoethane	9.610	107	192320	49.814	ug/l		100
64) Tetrachloroethene	9.275	164	170176	47.341	ug/l		100
65) Chlorobenzene	10.079	112	566582	48.538	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	193638	49.347	ug/l		100
67) Ethyl Benzene	10.189	91	987806	49.415	ug/l		100
68) m/p-Xylenes	10.299	106	743275	98.674	ug/l		100
69) o-Xylene	10.640	106	358798	49.311	ug/l		100
70) Styrene	10.653	104	634597	50.976	ug/l		100
71) Bromoform	10.799	173	145282	49.794	ug/l	#	100
73) Isopropylbenzene	10.957	105	960979	51.232	ug/l		100
74) N-amyl acetate	10.842	43	338897	53.169	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	256928	49.814	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	210006m	50.937	ug/l		
77) Bromobenzene	11.195	156	233851	50.052	ug/l		100
78) n-propylbenzene	11.299	91	1145518	50.647	ug/l		100
79) 2-Chlorotoluene	11.360	91	662335	49.595	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	780315	51.198	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	77831	50.659	ug/l		100
82) 4-Chlorotoluene	11.451	91	777681	50.461	ug/l		100
83) tert-Butylbenzene	11.713	119	805925	51.197	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	786934	51.082	ug/l		100
85) sec-Butylbenzene	11.884	105	1009027	50.840	ug/l		100
86) p-Isopropyltoluene	12.006	119	843813	50.770	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	434168	49.687	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	435439	47.882	ug/l		100
89) n-Butylbenzene	12.329	91	797119	51.042	ug/l		100
90) Hexachloroethane	12.536	117	147768	50.152	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	418287	49.398	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45584	50.530	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	290148	50.438	ug/l		100
94) Hexachlorobutadiene	13.719	225	109236	50.352	ug/l		100
95) Naphthalene	13.774	128	809540	53.405	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	278713	51.278	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

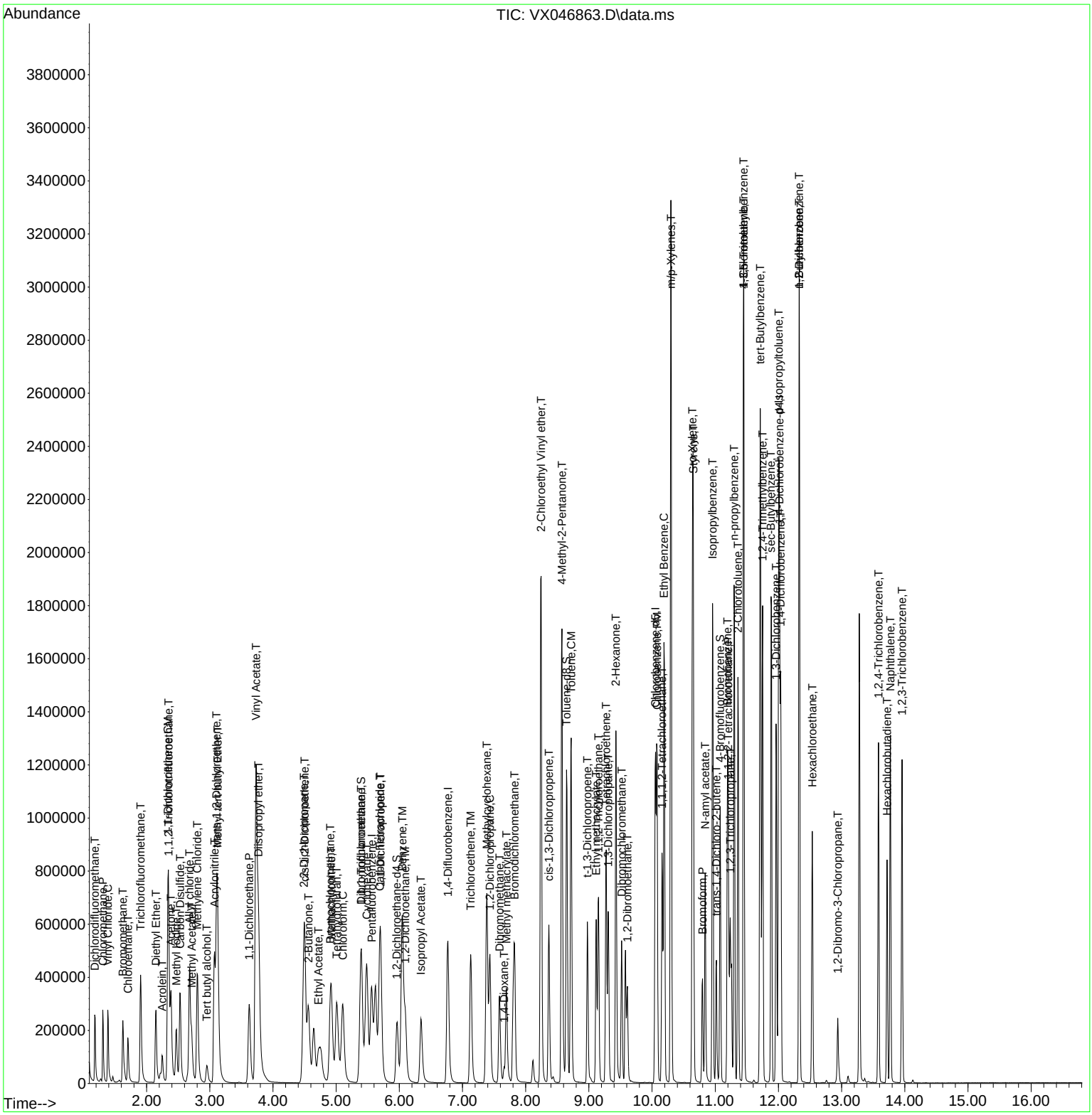
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	360099	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	591959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	521464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	253960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	461552	97.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.040%#			
35) Dibromofluoromethane	5.385	113	393465	97.920	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.840%#			
50) Toluene-d8	8.647	98	1373545	96.884	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 193.760%#			
62) 4-Bromofluorobenzene	11.079	95	513224	95.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.500%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	361969	105.107	ug/l	99
3) Chloromethane	1.307	50	391364	104.014	ug/l	98
4) Vinyl Chloride	1.386	62	424193	103.527	ug/l	100
5) Bromomethane	1.618	94	265849	100.979	ug/l	100
6) Chloroethane	1.697	64	260651	96.337	ug/l	99
7) Trichlorofluoromethane	1.904	101	643202	101.523	ug/l	98
8) Diethyl Ether	2.142	74	228526	101.358	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	412204	102.105	ug/l	99
10) Methyl Iodide	2.465	142	490208	111.457	ug/l	99
11) Tert butyl alcohol	2.953	59	156192	500.607	ug/l	99
12) 1,1-Dichloroethene	2.331	96	393053	100.660	ug/l	97
13) Acrolein	2.245	56	173378	500.012	ug/l	100
14) Allyl chloride	2.672	41	711428	102.334	ug/l	99
15) Acrylonitrile	3.068	53	898537	496.093	ug/l	100
16) Acetone	2.380	43	707647	478.882	ug/l	98
17) Carbon Disulfide	2.526	76	1006664	98.304	ug/l	99
18) Methyl Acetate	2.709	43	410853	105.486	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1142805	103.638	ug/l	98
20) Methylene Chloride	2.800	84	428892	98.153	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	396705	99.285	ug/l	97
22) Diisopropyl ether	3.764	45	1387980	103.342	ug/l	97
23) Vinyl Acetate	3.727	43	5276627	524.403	ug/l	100
24) 1,1-Dichloroethane	3.617	63	759957	99.213	ug/l	100
25) 2-Butanone	4.550	43	992659	503.497	ug/l	99
26) 2,2-Dichloropropane	4.483	77	577382	101.283	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	482620	98.931	ug/l	100
28) Bromochloromethane	4.904	49	371458	98.260	ug/l	100
29) Tetrahydrofuran	5.001	42	640795	509.872	ug/l	99
30) Chloroform	5.099	83	757773	96.834	ug/l	100
31) Cyclohexane	5.477	56	667229	98.120	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	649123	99.286	ug/l	99
36) 1,1-Dichloropropene	5.696	75	514002	94.809	ug/l	99
37) Ethyl Acetate	4.715	43	420101	90.979	ug/l	98
38) Carbon Tetrachloride	5.684	117	567706	97.774	ug/l	98
39) Methylcyclohexane	7.379	83	683852	100.837	ug/l	99
40) Benzene	6.044	78	1589318	96.921	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	261090	105.996	ug/l	99
42) 1,2-Dichloroethane	6.086	62	536004	96.261	ug/l	100
43) Isopropyl Acetate	6.336	43	746174	105.501	ug/l	100
44) Trichloroethene	7.123	130	411222	96.336	ug/l	98
45) 1,2-Dichloropropane	7.427	63	408244	98.538	ug/l	100
46) Dibromomethane	7.580	93	279372	97.324	ug/l	99
47) Bromodichloromethane	7.818	83	601292	98.101	ug/l	98
48) Methyl methacrylate	7.690	41	389200	106.573	ug/l	100
49) 1,4-Dioxane	7.659	88	82890	1958.872	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	2089507	500.587	ug/l	99
52) Toluene	8.714	92	984220	96.858	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	580117	106.052	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	650539	104.190	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	367441	97.082	ug/l	98
56) Ethyl methacrylate	9.116	69	554620	105.873	ug/l	99
57) 1,3-Dichloropropane	9.305	76	625220	95.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1541497	522.248	ug/l	100
59) 2-Hexanone	9.427	43	1406681	508.068	ug/l	100
60) Dibromochloromethane	9.519	129	445393	98.331	ug/l	99
61) 1,2-Dibromoethane	9.604	107	375661	98.827	ug/l	99
64) Tetrachloroethene	9.269	164	333229	95.978	ug/l	95
65) Chlorobenzene	10.073	112	1095855	97.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	381396	100.632	ug/l	99
67) Ethyl Benzene	10.189	91	1925349	99.720	ug/l	99
68) m/p-Xylenes	10.299	106	1424898	195.851	ug/l	99
69) o-Xylene	10.640	106	691874	98.448	ug/l	99
70) Styrene	10.653	104	1206962	100.381	ug/l	99
71) Bromoform	10.799	173	286378	101.623	ug/l	100
73) Isopropylbenzene	10.957	105	1824241	102.183	ug/l	100
74) N-amyl acetate	10.842	43	661864	109.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	477117	97.192	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	401735m	102.378	ug/l	
77) Bromobenzene	11.195	156	441962	99.388	ug/l	98
78) n-propylbenzene	11.299	91	2169188	100.767	ug/l	99
79) 2-Chlorotoluene	11.360	91	1268825	99.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1497082	103.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	158326	108.273	ug/l	98
82) 4-Chlorotoluene	11.451	91	1472712	100.402	ug/l	100
83) tert-Butylbenzene	11.713	119	1539450	102.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1488102	101.492	ug/l	97
85) sec-Butylbenzene	11.890	105	1912633	101.251	ug/l	99
86) p-Isopropyltoluene	12.006	119	1605082	101.466	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	825505	99.260	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	823926	95.192	ug/l	100
89) n-Butylbenzene	12.329	91	1515258	101.944	ug/l	100
90) Hexachloroethane	12.536	117	294961	105.182	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	792536	98.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	90270	105.136	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	569410	104.000	ug/l	100
94) Hexachlorobutadiene	13.725	225	207095	100.298	ug/l	99
95) Naphthalene	13.774	128	1572381	108.986	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	543127	104.988	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

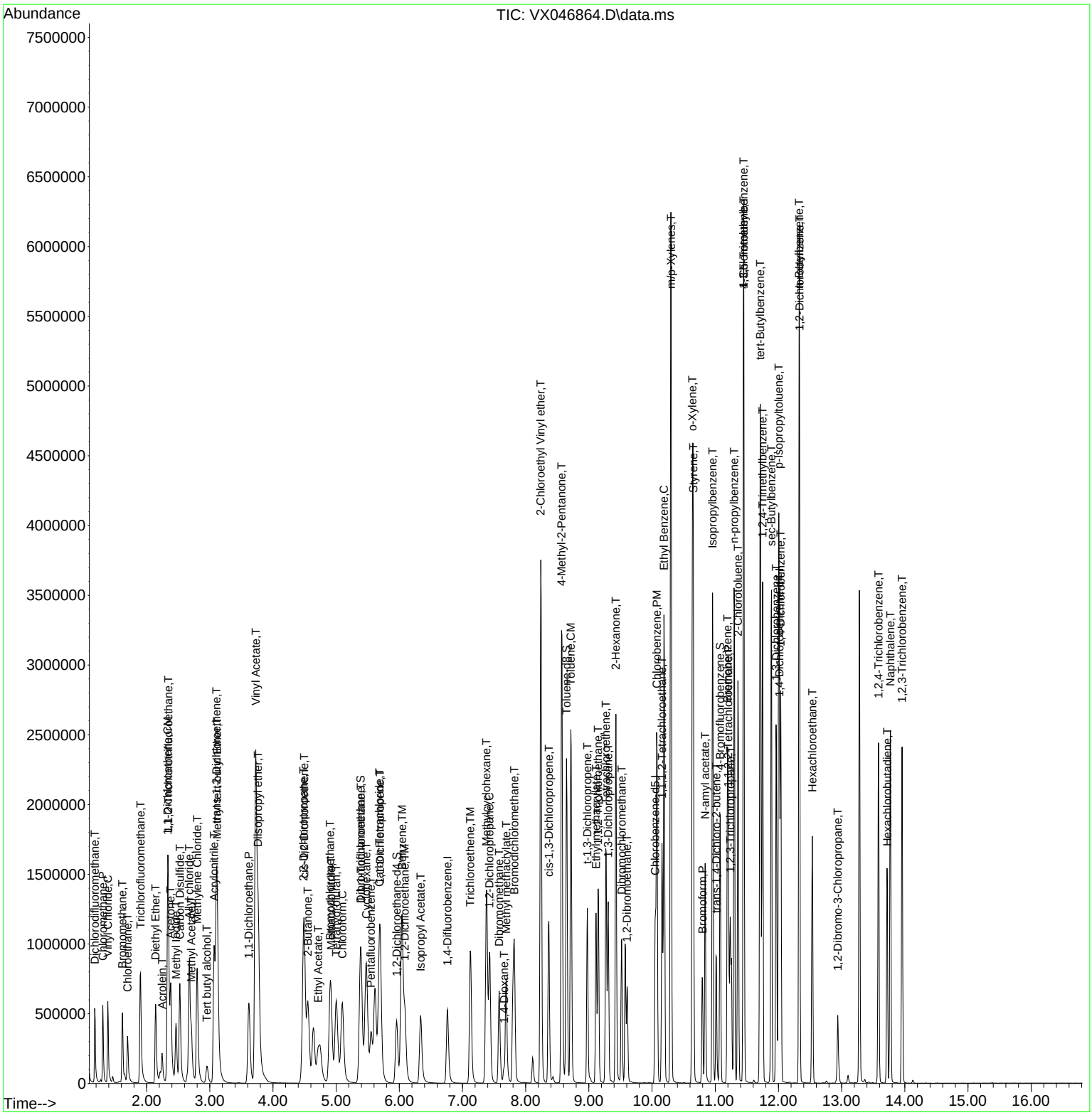
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	337940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240348	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	649303	145.436	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.880%#			
35) Dibromofluoromethane	5.391	113	550160	143.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.100%#			
50) Toluene-d8	8.653	98	1923179	142.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 284.460%#			
62) 4-Bromofluorobenzene	11.079	95	721016	140.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 280.600%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	497096	153.809	ug/l	99
3) Chloromethane	1.307	50	537388	152.188	ug/l	98
4) Vinyl Chloride	1.386	62	574277	149.346	ug/l	99
5) Bromomethane	1.611	94	298828	120.949	ug/l	100
6) Chloroethane	1.697	64	358739	141.285	ug/l	99
7) Trichlorofluoromethane	1.904	101	897728	150.988	ug/l	99
8) Diethyl Ether	2.148	74	321838	152.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	569627	150.352	ug/l	99
10) Methyl Iodide	2.465	142	705949	171.034	ug/l	98
11) Tert butyl alcohol	2.965	59	229819	784.885	ug/l	99
12) 1,1-Dichloroethene	2.337	96	547474	149.400	ug/l	97
13) Acrolein	2.245	56	245973	754.434	ug/l	98
14) Allyl chloride	2.678	41	996540	152.745	ug/l	99
15) Acrylonitrile	3.075	53	1288046	757.776	ug/l	99
16) Acetone	2.386	43	1013283	730.677	ug/l	99
17) Carbon Disulfide	2.526	76	1394541	145.111	ug/l	99
18) Methyl Acetate	2.709	43	607185	166.116	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1637759	158.264	ug/l	98
20) Methylene Chloride	2.800	84	596413	145.441	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	552703	147.398	ug/l	97
22) Diisopropyl ether	3.770	45	1919430	152.282	ug/l	99
23) Vinyl Acetate	3.733	43	7476523	791.755	ug/l	100
24) 1,1-Dichloroethane	3.623	63	1064068	148.024	ug/l	100
25) 2-Butanone	4.562	43	1449681	783.522	ug/l	100
26) 2,2-Dichloropropane	4.489	77	837466	156.539	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	674986	147.435	ug/l	100
28) Bromochloromethane	4.910	49	515523	145.311	ug/l	99
29) Tetrahydrofuran	5.007	42	928390	787.145	ug/l	100
30) Chloroform	5.105	83	1064448	144.942	ug/l	100
31) Cyclohexane	5.483	56	939695	147.249	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	922378	150.332	ug/l	98
36) 1,1-Dichloropropene	5.702	75	739394	142.995	ug/l	99
37) Ethyl Acetate	4.721	43	631521	143.396	ug/l	98
38) Carbon Tetrachloride	5.684	117	809906	146.250	ug/l	98
39) Methylcyclohexane	7.385	83	974901	150.724	ug/l	99
40) Benzene	6.043	78	2243029	143.418	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	375761	159.945	ug/l	99
42) 1,2-Dichloroethane	6.092	62	756183	142.387	ug/l	100
43) Isopropyl Acetate	6.342	43	1104335	163.711	ug/l	100
44) Trichloroethene	7.129	130	583397	143.298	ug/l	97
45) 1,2-Dichloropropane	7.433	63	579224	146.587	ug/l	99
46) Dibromomethane	7.586	93	401338	146.592	ug/l	99
47) Bromodichloromethane	7.824	83	858188	146.803	ug/l	99
48) Methyl methacrylate	7.696	41	580607	166.693	ug/l	99
49) 1,4-Dioxane	7.665	88	122695	3040.136	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	3026947	760.332	ug/l	98
52) Toluene	8.720	92	1394797	143.918	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	853017	163.503	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	939003	157.682	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	521889	144.574	ug/l	98
56) Ethyl methacrylate	9.116	69	816206	163.362	ug/l	100
57) 1,3-Dichloropropane	9.305	76	893213	143.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	2192288	778.743	ug/l	100
59) 2-Hexanone	9.427	43	2051712	776.972	ug/l	100
60) Dibromochloromethane	9.518	129	637739	147.623	ug/l	99
61) 1,2-Dibromoethane	9.610	107	536592	148.009	ug/l	100
64) Tetrachloroethene	9.275	164	475745	143.265	ug/l	96
65) Chlorobenzene	10.079	112	1563433	144.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	548552	151.325	ug/l	100
67) Ethyl Benzene	10.195	91	2729559	147.809	ug/l	98
68) m/p-Xylenes	10.299	106	2009645	288.799	ug/l	99
69) o-Xylene	10.640	106	987134	146.856	ug/l	99
70) Styrene	10.652	104	1697064	147.567	ug/l	98
71) Bromoform	10.799	173	411264	152.584	ug/l	97
73) Isopropylbenzene	10.963	105	2588441	153.200	ug/l	100
74) N-amyl acetate	10.841	43	986018	171.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	698105	150.263	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	567147m	152.717	ug/l	
77) Bromobenzene	11.195	156	628974	149.454	ug/l	99
78) n-propylbenzene	11.305	91	3052066	149.810	ug/l	99
79) 2-Chlorotoluene	11.360	91	1784161	148.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2088013	152.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	239775	173.259	ug/l	95
82) 4-Chlorotoluene	11.451	91	2061746	148.519	ug/l	99
83) tert-Butylbenzene	11.713	119	2164507	152.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2118023	152.635	ug/l	97
85) sec-Butylbenzene	11.890	105	2681731	150.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	2218491	148.186	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1167669	148.354	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	1176579	143.634	ug/l	99
89) n-Butylbenzene	12.329	91	2101194	149.371	ug/l	99
90) Hexachloroethane	12.536	117	424369	159.899	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1117598	146.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	138617	170.588	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	825907	159.391	ug/l	99
94) Hexachlorobutadiene	13.725	225	296507	151.734	ug/l	99
95) Naphthalene	13.774	128	2359854	172.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	792593	161.887	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

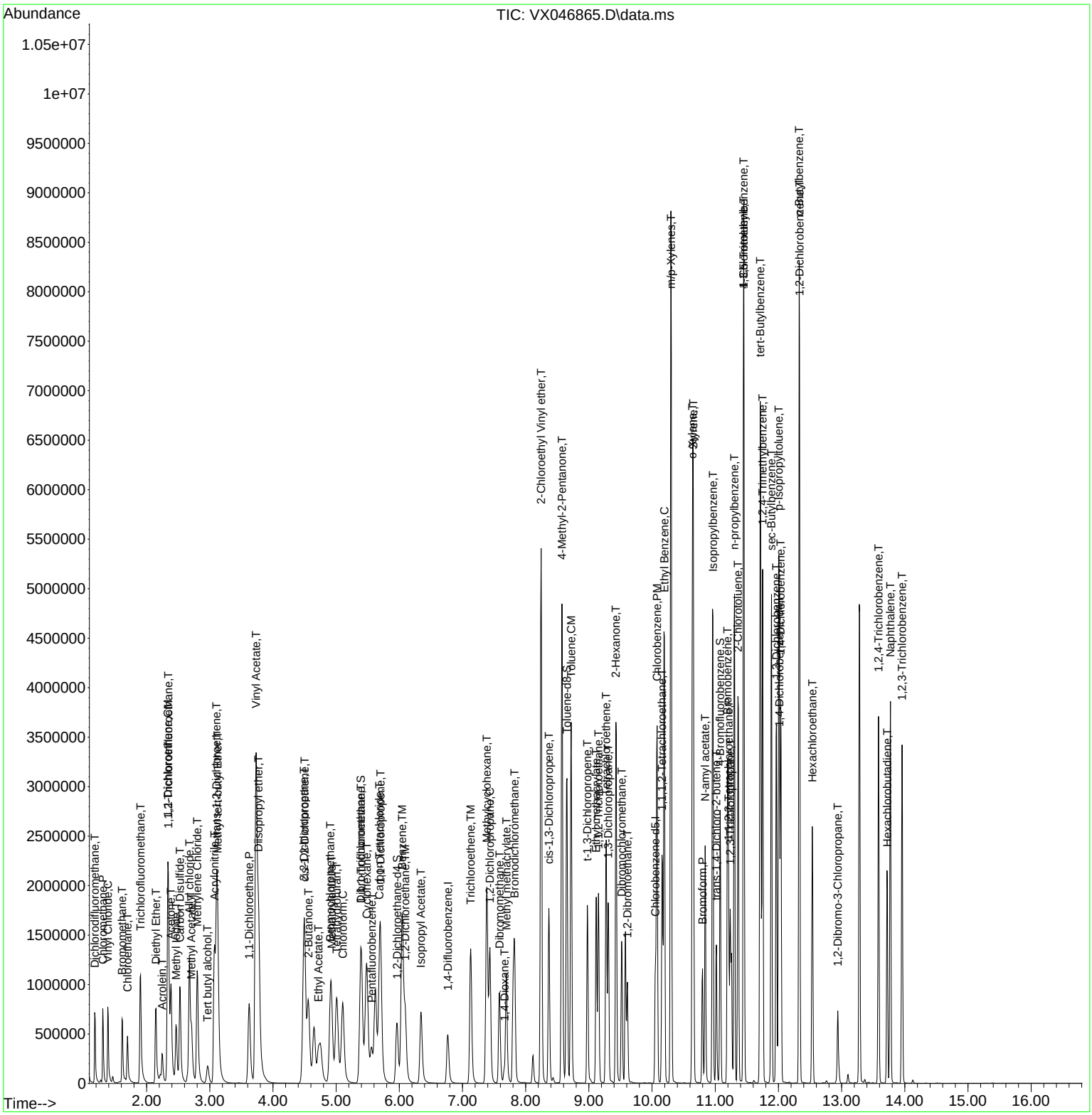
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	376229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	610660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	242648	48.819	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.640%			
35) Dibromofluoromethane	5.397	113	208822	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.647	98	731941	50.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	282463	50.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	178684	49.661	ug/l	98
3) Chloromethane	1.307	50	192497	48.967	ug/l	100
4) Vinyl Chloride	1.386	62	208626	48.733	ug/l	99
5) Bromomethane	1.624	94	141065	51.285	ug/l	97
6) Chloroethane	1.703	64	132155	46.751	ug/l	100
7) Trichlorofluoromethane	1.904	101	326501	49.325	ug/l	98
8) Diethyl Ether	2.148	74	117004	49.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	208780	49.499	ug/l	100
10) Methyl Iodide	2.471	142	229855	50.021	ug/l	97
11) Tert butyl alcohol	2.953	59	86884	266.531	ug/l	100
12) 1,1-Dichloroethene	2.337	96	197950	48.521	ug/l	99
13) Acrolein	2.252	56	87230	242.250	ug/l	98
14) Allyl chloride	2.678	41	359895	49.549	ug/l	99
15) Acrylonitrile	3.075	53	482124	255.809	ug/l	99
16) Acetone	2.386	43	376127	243.622	ug/l	97
17) Carbon Disulfide	2.532	76	501161	46.842	ug/l	100
18) Methyl Acetate	2.715	43	217113	53.354	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	601377	52.199	ug/l	99
20) Methylene Chloride	2.800	84	224143	49.097	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	205950	49.334	ug/l	99
22) Diisopropyl ether	3.770	45	723627	51.568	ug/l	97
23) Vinyl Acetate	3.733	43	2777219	264.173	ug/l	99
24) 1,1-Dichloroethane	3.623	63	395739	49.449	ug/l	99
25) 2-Butanone	4.562	43	538755	261.552	ug/l	98
26) 2,2-Dichloropropane	4.489	77	293933	49.351	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	247860	48.630	ug/l	99
28) Bromochloromethane	4.910	49	198401	50.232	ug/l	98
29) Tetrahydrofuran	5.013	42	350947	267.272	ug/l	99
30) Chloroform	5.105	83	395292	48.348	ug/l	100
31) Cyclohexane	5.483	56	350463	49.328	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	335397	49.101	ug/l	99
36) 1,1-Dichloropropene	5.702	75	275506	49.261	ug/l	100
37) Ethyl Acetate	4.721	43	229364	48.151	ug/l	100
38) Carbon Tetrachloride	5.690	117	291659	49.327	ug/l	99
39) Methylcyclohexane	7.385	83	355028	50.747	ug/l	98
40) Benzene	6.050	78	835235	49.375	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	137841	54.246	ug/l		98
42) 1,2-Dichloroethane	6.092	62	282094	49.110	ug/l		100
43) Isopropyl Acetate	6.342	43	390969	53.586	ug/l		99
44) Trichloroethene	7.129	130	212780	48.321	ug/l		100
45) 1,2-Dichloropropane	7.434	63	213351	49.920	ug/l		98
46) Dibromomethane	7.586	93	146563	49.494	ug/l		100
47) Bromodichloromethane	7.824	83	313088	49.516	ug/l		97
48) Methyl methacrylate	7.696	41	206773	54.886	ug/l		99
49) 1,4-Dioxane	7.659	88	47208	1081.463	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	1163206	270.137	ug/l		100
52) Toluene	8.720	92	524414	50.028	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	298344	52.871	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	334998	52.010	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	194738	49.876	ug/l		98
56) Ethyl methacrylate	9.116	69	294579	54.511	ug/l		99
57) 1,3-Dichloropropane	9.305	76	334325	49.728	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	817519	268.488	ug/l		100
59) 2-Hexanone	9.427	43	792449	277.453	ug/l		100
60) Dibromochloromethane	9.519	129	234044	50.089	ug/l		99
61) 1,2-Dibromoethane	9.610	107	200842	51.219	ug/l		100
64) Tetrachloroethene	9.275	164	174726	47.773	ug/l		93
65) Chlorobenzene	10.080	112	584424	49.208	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	199525	49.975	ug/l		99
67) Ethyl Benzene	10.189	91	1013473	49.829	ug/l		99
68) m/p-Xylenes	10.299	106	760571	99.238	ug/l		100
69) o-Xylene	10.640	106	368751	49.809	ug/l		99
70) Styrene	10.653	104	644744	50.903	ug/l		100
71) Bromoform	10.799	173	147395	49.651	ug/l	#	99
73) Isopropylbenzene	10.957	105	981991	50.742	ug/l		100
74) N-amyl acetate	10.842	43	359547	54.674	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	269327	50.612	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	218733m	51.422	ug/l		
77) Bromobenzene	11.195	156	237950	49.363	ug/l		99
78) n-propylbenzene	11.299	91	1172148	50.231	ug/l		100
79) 2-Chlorotoluene	11.360	91	678845	49.268	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	808534	51.418	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	82807	52.240	ug/l		99
82) 4-Chlorotoluene	11.451	91	802710	50.483	ug/l		100
83) tert-Butylbenzene	11.713	119	826920	50.916	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	801503	50.428	ug/l		100
85) sec-Butylbenzene	11.890	105	1032626	50.429	ug/l		100
86) p-Isopropyltoluene	12.006	119	867283	50.577	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	446776	49.558	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	448682	47.821	ug/l		99
89) n-Butylbenzene	12.329	91	817746	50.753	ug/l		99
90) Hexachloroethane	12.536	117	151888	49.965	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	424172	48.553	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48557	52.171	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	301081	50.729	ug/l		99
94) Hexachlorobutadiene	13.719	225	117882	52.667	ug/l		99
95) Naphthalene	13.774	128	844747	54.014	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	285334	50.881	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

ICAL Form

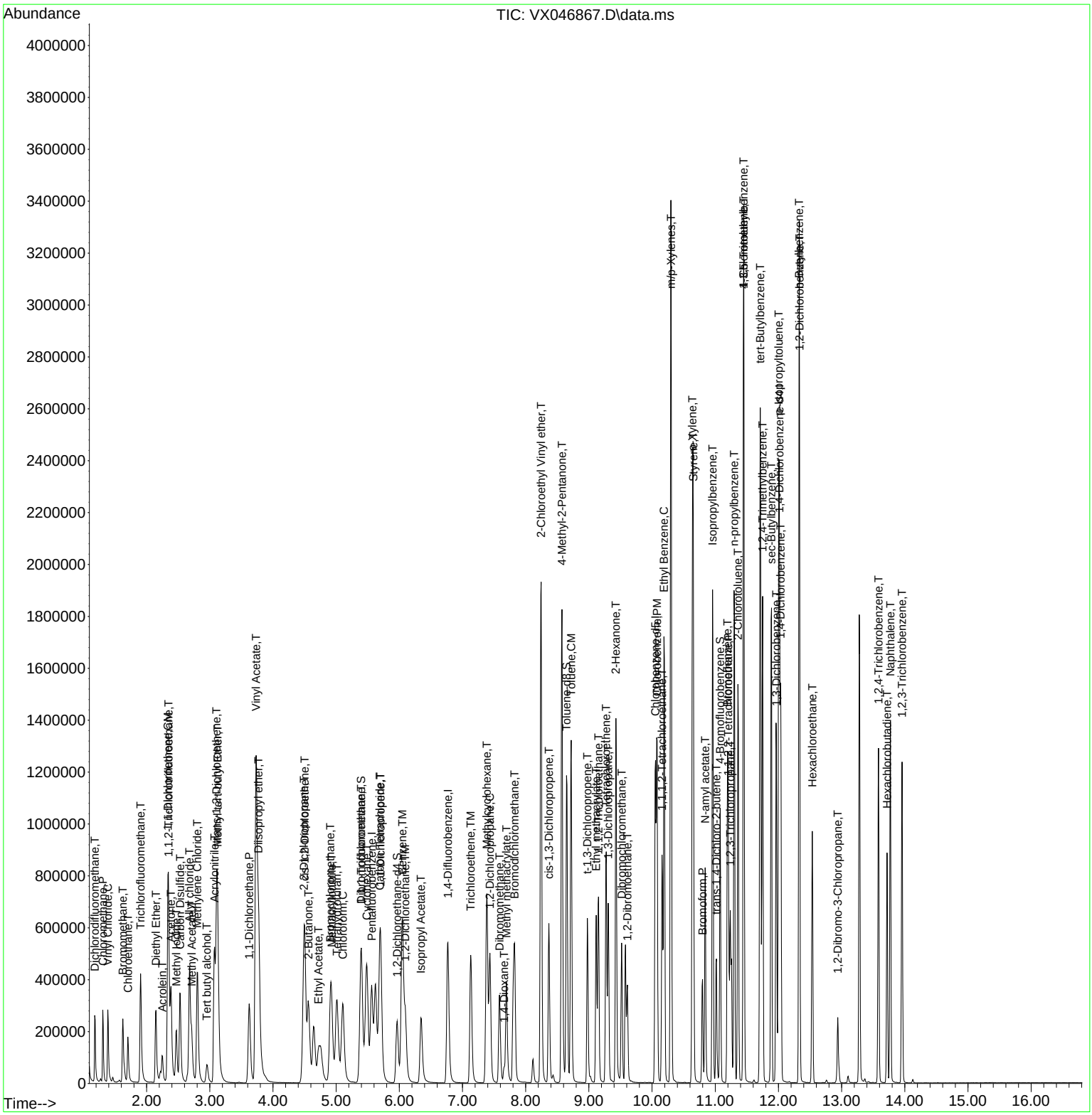
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	Pentafluorobenzene	1.000	1.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	0.478	0.475	0.6	100	0.00
3	P	Chloromethane	0.522	0.512	1.9	103	0.00
4	C	Vinyl Chloride	0.569	0.555	2.5#	103	0.00
5	T	Bromomethane	0.366	0.375	-2.5	107	0.00
6	T	Chloroethane	0.376	0.351	6.6	104	0.00
7	T	Trichlorofluoromethane	0.880	0.868	1.4	103	0.00
8	T	Diethyl Ether	0.313	0.311	0.6	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.555	1.1	103	0.00
10	T	Methyl Iodide	0.611	0.611	0.0	99	0.00
11	T	Tert butyl alcohol	0.043	0.046	-7.0	112	0.00
12	CM	1,1-Dichloroethene	0.542	0.526	3.0#	103	0.00
13	T	Acrolein	0.052	0.046	11.5	104	0.00
14	T	Allyl chloride	0.965	0.957	0.8	104	0.00
15	T	Acrylonitrile	0.250	0.256	-2.4	106	0.00
16	T	Acetone	0.205	0.200	2.4	106	0.00
17	T	Carbon Disulfide	1.422	1.332	6.3	101	0.00
18	T	Methyl Acetate	0.541	0.577	-6.7	107	0.00
19	T	Methyl tert-butyl Ether	1.531	1.598	-4.4	107	0.00
20	T	Methylene Chloride	0.607	0.596	1.8	104	0.00
21	T	trans-1,2-Dichloroethene	0.555	0.547	1.4	103	0.00
22	T	Diisopropyl ether	1.865	1.923	-3.1	103	0.00
23	T	Vinyl Acetate	1.397	1.476	-5.7	106	0.00
24	P	1,1-Dichloroethane	1.064	1.052	1.1	103	0.00
25	T	2-Butanone	0.274	0.286	-4.4	106	0.00
26	T	2,2-Dichloropropane	0.792	0.781	1.4	105	0.00
27	T	cis-1,2-Dichloroethene	0.677	0.659	2.7	102	0.00
28	T	Bromochloromethane	0.525	0.527	-0.4	102	0.00
29	T	Tetrahydrofuran	0.175	0.187	-6.9	109	0.00
30	C	Chloroform	1.087	1.051	3.3#	102	0.00
31	T	Cyclohexane	0.944	0.932	1.3	104	0.00
32	T	1,1,1-Trichloroethane	0.908	0.891	1.9	103	0.00
33	S	1,2-Dichloroethane-d4	0.661	0.645	2.4	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.339	0.342	-0.9	102	0.00
36	T	1,1-Dichloropropene	0.458	0.451	1.5	104	0.00
37	T	Ethyl Acetate	0.390	0.376	3.6	106	0.00
38	T	Carbon Tetrachloride	0.484	0.478	1.2	102	0.00
39	T	Methylcyclohexane	0.573	0.581	-1.4	104	0.00
40	TM	Benzene	1.385	1.368	1.2	102	0.00
41	T	Methacrylonitrile	0.208	0.226	-8.7	108	0.00
42	TM	1,2-Dichloroethane	0.470	0.462	1.7	102	0.00
43	T	Isopropyl Acetate	0.597	0.640	-7.2	105	0.00
44	TM	Trichloroethene	0.361	0.348	3.6	103	0.00
45	C	1,2-Dichloropropane	0.350	0.349	0.3#	103	0.00
46	T	Dibromomethane	0.242	0.240	0.8	102	0.00
47	T	Bromodichloromethane	0.518	0.513	1.0	102	0.00
48	T	Methyl methacrylate	0.308	0.339	-10.1	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	1,4-Dioxane	0.004	0.004	0.0	108	0.00
50	S	Toluene-d8	1.197	1.199	-0.2	102	0.00
51	T	4-Methyl-2-Pentanone	0.353	0.381	-7.9	106	0.00
52	CM	Toluene	0.858	0.859	-0.1#	104	0.00
53	T	t-1,3-Dichloropropene	0.462	0.489	-5.8	105	0.00
54	T	cis-1,3-Dichloropropene	0.527	0.549	-4.2	104	0.00
55	T	1,1,2-Trichloroethane	0.320	0.319	0.3	102	0.00
56	T	Ethyl methacrylate	0.442	0.482	-9.0	107	0.00
57	T	1,3-Dichloropropane	0.550	0.547	0.5	103	0.00
58	T	2-Chloroethyl Vinyl ether	0.249	0.268	-7.6	102	0.00
59	T	2-Hexanone	0.234	0.260	-11.1	107	0.00
60	T	Dibromochloromethane	0.383	0.383	0.0	103	0.00
61	T	1,2-Dibromoethane	0.321	0.329	-2.5	104	0.00
62	S	4-Bromofluorobenzene	0.455	0.463	-1.8	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.333	0.318	4.5	103	0.00
65	PM	Chlorobenzene	1.081	1.064	1.6	103	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.363	0.0	103	0.00
67	C	Ethyl Benzene	1.851	1.845	0.3#	103	0.00
68	T	m/p-Xylenes	0.698	0.692	0.9	102	0.00
69	T	o-Xylene	0.674	0.671	0.4	103	0.00
70	T	Styrene	1.153	1.174	-1.8	102	0.00
71	P	Bromoform	0.270	0.268	0.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.515	3.567	-1.5	102	0.00
74	T	N-amyl acetate	1.194	1.306	-9.4	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.966	0.978	-1.2	105	0.00
76	T	1,2,3-Trichloropropane	0.773	0.795	-2.8	104	0.00
77	T	Bromobenzene	0.875	0.864	1.3	102	0.00
78	T	n-propylbenzene	4.238	4.258	-0.5	102	0.00
79	T	2-Chlorotoluene	2.503	2.466	1.5	102	0.00
80	T	1,3,5-Trimethylbenzene	2.856	2.937	-2.8	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.301	-4.5	106	0.00
82	T	4-Chlorotoluene	2.888	2.916	-1.0	103	0.00
83	T	tert-Butylbenzene	2.950	3.004	-1.8	103	0.00
84	T	1,2,4-Trimethylbenzene	2.887	2.911	-0.8	102	0.00
85	T	sec-Butylbenzene	3.719	3.751	-0.9	102	0.00
86	T	p-Isopropyltoluene	3.114	3.150	-1.2	103	0.00
87	T	1,3-Dichlorobenzene	1.637	1.623	0.9	103	0.00
88	T	1,4-Dichlorobenzene	1.704	1.630	4.3	103	0.00
89	T	n-Butylbenzene	2.926	2.970	-1.5	103	0.00
90	T	Hexachloroethane	0.552	0.552	0.0	103	0.00
91	T	1,2-Dichlorobenzene	1.587	1.541	2.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.169	0.176	-4.1	107	0.00
93	T	1,2,4-Trichlorobenzene	1.078	1.094	-1.5	104	0.00
94	T	Hexachlorobutadiene	0.407	0.428	-5.2	108	0.00
95	T	Naphthalene	2.840	3.069	-8.1	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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)
96 T	1,2,3-Trichlorobenzene	1.019	1.036	-1.7	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	Pentafluorobenzene	50.000	50.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	50.000	49.661	0.7	100	0.00
3	P	Chloromethane	50.000	48.967	2.1	103	0.00
4	C	Vinyl Chloride	50.000	48.733	2.5#	103	0.00
5	T	Bromomethane	50.000	51.285	-2.6	107	0.00
6	T	Chloroethane	50.000	46.751	6.5	104	0.00
7	T	Trichlorofluoromethane	50.000	49.325	1.3	103	0.00
8	T	Diethyl Ether	50.000	49.670	0.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.499	1.0	103	0.00
10	T	Methyl Iodide	50.000	50.021	-0.0	99	0.00
11	T	Tert butyl alcohol	250.000	266.531	-6.6	112	0.00
12	CM	1,1-Dichloroethene	50.000	48.521	3.0#	103	0.00
13	T	Acrolein	250.000	242.250	3.1	104	0.00
14	T	Allyl chloride	50.000	49.549	0.9	104	0.00
15	T	Acrylonitrile	250.000	255.809	-2.3	106	0.00
16	T	Acetone	250.000	243.622	2.6	106	0.00
17	T	Carbon Disulfide	50.000	46.842	6.3	101	0.00
18	T	Methyl Acetate	50.000	53.354	-6.7	107	0.00
19	T	Methyl tert-butyl Ether	50.000	52.199	-4.4	107	0.00
20	T	Methylene Chloride	50.000	49.097	1.8	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.334	1.3	103	0.00
22	T	Diisopropyl ether	50.000	51.568	-3.1	103	0.00
23	T	Vinyl Acetate	250.000	264.173	-5.7	106	0.00
24	P	1,1-Dichloroethane	50.000	49.449	1.1	103	0.00
25	T	2-Butanone	250.000	261.552	-4.6	106	0.00
26	T	2,2-Dichloropropane	50.000	49.351	1.3	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.630	2.7	102	0.00
28	T	Bromochloromethane	50.000	50.232	-0.5	102	0.00
29	T	Tetrahydrofuran	250.000	267.272	-6.9	109	0.00
30	C	Chloroform	50.000	48.348	3.3#	102	0.00
31	T	Cyclohexane	50.000	49.328	1.3	104	0.00
32	T	1,1,1-Trichloroethane	50.000	49.101	1.8	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.819	2.4	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	50.377	-0.8	102	0.00
36	T	1,1-Dichloropropene	50.000	49.261	1.5	104	0.00
37	T	Ethyl Acetate	50.000	48.151	3.7	106	0.00
38	T	Carbon Tetrachloride	50.000	49.327	1.3	102	0.00
39	T	Methylcyclohexane	50.000	50.747	-1.5	104	0.00
40	TM	Benzene	50.000	49.375	1.3	102	0.00
41	T	Methacrylonitrile	50.000	54.246	-8.5	108	0.00
42	TM	1,2-Dichloroethane	50.000	49.110	1.8	102	0.00
43	T	Isopropyl Acetate	50.000	53.586	-7.2	105	0.00
44	TM	Trichloroethene	50.000	48.321	3.4	103	0.00
45	C	1,2-Dichloropropane	50.000	49.920	0.2#	103	0.00
46	T	Dibromomethane	50.000	49.494	1.0	102	0.00
47	T	Bromodichloromethane	50.000	49.516	1.0	102	0.00
48	T	Methyl methacrylate	50.000	54.886	-9.8	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	1,4-Dioxane	1000.000	1081.463	-8.1	108	0.00
50	S	Toluene-d8	50.000	50.047	-0.1	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	270.137	-8.1	106	0.00
52	CM	Toluene	50.000	50.028	-0.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	52.871	-5.7	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.010	-4.0	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.876	0.2	102	0.00
56	T	Ethyl methacrylate	50.000	54.511	-9.0	107	0.00
57	T	1,3-Dichloropropane	50.000	49.728	0.5	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.488	-7.4	102	0.00
59	T	2-Hexanone	250.000	277.453	-11.0	107	0.00
60	T	Dibromochloromethane	50.000	50.089	-0.2	103	0.00
61	T	1,2-Dibromoethane	50.000	51.219	-2.4	104	0.00
62	S	4-Bromofluorobenzene	50.000	50.818	-1.6	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	47.773	4.5	103	0.00
65	PM	Chlorobenzene	50.000	49.208	1.6	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.975	0.0	103	0.00
67	C	Ethyl Benzene	50.000	49.829	0.3#	103	0.00
68	T	m/p-Xylenes	100.000	99.238	0.8	102	0.00
69	T	o-Xylene	50.000	49.809	0.4	103	0.00
70	T	Styrene	50.000	50.903	-1.8	102	0.00
71	P	Bromoform	50.000	49.651	0.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	50.742	-1.5	102	0.00
74	T	N-amyl acetate	50.000	54.674	-9.3	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.612	-1.2	105	0.00
76	T	1,2,3-Trichloropropane	50.000	51.422	-2.8	104	0.00
77	T	Bromobenzene	50.000	49.363	1.3	102	0.00
78	T	n-propylbenzene	50.000	50.231	-0.5	102	0.00
79	T	2-Chlorotoluene	50.000	49.268	1.5	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.418	-2.8	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.240	-4.5	106	0.00
82	T	4-Chlorotoluene	50.000	50.483	-1.0	103	0.00
83	T	tert-Butylbenzene	50.000	50.916	-1.8	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.428	-0.9	102	0.00
85	T	sec-Butylbenzene	50.000	50.429	-0.9	102	0.00
86	T	p-Isopropyltoluene	50.000	50.577	-1.2	103	0.00
87	T	1,3-Dichlorobenzene	50.000	49.558	0.9	103	0.00
88	T	1,4-Dichlorobenzene	50.000	47.821	4.4	103	0.00
89	T	n-Butylbenzene	50.000	50.753	-1.5	103	0.00
90	T	Hexachloroethane	50.000	49.965	0.1	103	0.00
91	T	1,2-Dichlorobenzene	50.000	48.553	2.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.171	-4.3	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.729	-1.5	104	0.00
94	T	Hexachlorobutadiene	50.000	52.667	-5.3	108	0.00
95	T	Naphthalene	50.000	54.014	-8.0	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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)
96 T	1,2,3-Trichlorobenzene	50.000	50.881	-1.8	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046961.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG No.: Q2579

Instrument ID: MSVOA_X Calibration Date/Time: 07/14/2025 09:16

Lab File ID: VX046961.D Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.569	0.565		-0.7	20
1,1-Dichloroethene	0.542	0.553		2.03	20
2-Butanone	0.274	0.340		24.09	20
Carbon Tetrachloride	0.484	0.506		4.55	20
Chloroform	1.087	1.141		4.97	20
Benzene	1.385	1.391		0.43	20
1,2-Dichloroethane	0.470	0.497		5.74	20
Trichloroethene	0.361	0.355		-1.66	20
Tetrachloroethene	0.333	0.320		-3.9	20
Chlorobenzene	1.081	1.090	0.3	0.83	20
1,2-Dichloroethane-d4	0.661	0.674		1.97	20
Dibromofluoromethane	0.339	0.336		-0.88	20
Toluene-d8	1.197	1.136		-5.1	20
4-Bromofluorobenzene	0.455	0.448		-1.54	20

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\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	302863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	451308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204085	51.007	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.391	113	169374	49.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.060%			
50) Toluene-d8	8.646	98	572304	47.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.079	95	225723	49.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	147603	50.960	ug/l	97
3) Chloromethane	1.306	50	144411	45.634	ug/l	100
4) Vinyl Chloride	1.386	62	170975	49.613	ug/l	99
5) Bromomethane	1.617	94	110416	49.866	ug/l	98
6) Chloroethane	1.703	64	108263	47.576	ug/l	98
7) Trichlorofluoromethane	1.904	101	278444	52.255	ug/l	99
8) Diethyl Ether	2.142	74	103256	54.452	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	177113	52.163	ug/l	98
10) Methyl Iodide	2.465	142	150217	40.609	ug/l	98
11) Tert butyl alcohol	2.958	59	102389	390.182	ug/l	100
12) 1,1-Dichloroethene	2.331	96	167555	51.020	ug/l	99
13) Acrolein	2.245	56	66890	230.897	ug/l	96
14) Allyl chloride	2.678	41	314746	53.830	ug/l	99
15) Acrylonitrile	3.068	53	446983	294.614	ug/l	100
16) Acetone	2.385	43	355078	285.701	ug/l	97
17) Carbon Disulfide	2.526	76	393167	45.650	ug/l	100
18) Methyl Acetate	2.709	43	233009	71.131	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	565691	60.996	ug/l	98
20) Methylene Chloride	2.800	84	190463	51.825	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	168719	50.206	ug/l	99
22) Diisopropyl ether	3.763	45	636672	56.362	ug/l	93
23) Vinyl Acetate	3.727	43	2457841	290.428	ug/l	99
24) 1,1-Dichloroethane	3.617	63	341398	52.993	ug/l	100
25) 2-Butanone	4.556	43	515414	310.834	ug/l	98
26) 2,2-Dichloropropane	4.483	77	275917	57.548	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	215696	52.571	ug/l	98
28) Bromochloromethane	4.903	49	166884	52.488	ug/l	98
29) Tetrahydrofuran	5.007	42	332902	314.945	ug/l	99
30) Chloroform	5.098	83	345455	52.487	ug/l	97
31) Cyclohexane	5.476	56	278385	48.675	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	298910	54.360	ug/l	98
36) 1,1-Dichloropropene	5.696	75	229070	49.651	ug/l	99
37) Ethyl Acetate	4.714	43	218254	55.543	ug/l	98
38) Carbon Tetrachloride	5.678	117	255121	52.305	ug/l	98
39) Methylcyclohexane	7.378	83	280065	48.528	ug/l	100
40) Benzene	6.037	78	700628	50.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41)	Methacrylonitrile	4.922	41	128489	61.297	ug/l	98
42)	1,2-Dichloroethane	6.086	62	250462	52.857	ug/l	99
43)	Isopropyl Acetate	6.336	43	372260	61.850	ug/l	100
44)	Trichloroethene	7.128	130	178886	49.245	ug/l	100
45)	1,2-Dichloropropane	7.427	63	183547	52.061	ug/l	100
46)	Dibromomethane	7.580	93	128605	52.647	ug/l	100
47)	Bromodichloromethane	7.817	83	278122	53.321	ug/l	98
48)	Methyl methacrylate	7.689	41	193946	62.407	ug/l	98
49)	1,4-Dioxane	7.659	88	48473	1346.109	ug/l	97
51)	4-Methyl-2-Pentanone	8.567	43	1097272	308.906	ug/l	99
52)	Toluene	8.720	92	440638	50.957	ug/l	97
53)	t-1,3-Dichloropropene	8.976	75	268934	57.773	ug/l	99
54)	cis-1,3-Dichloropropene	8.366	75	292640	55.076	ug/l	99
55)	1,1,2-Trichloroethane	9.146	97	175548	54.503	ug/l	99
56)	Ethyl methacrylate	9.116	69	266571	59.797	ug/l	99
57)	1,3-Dichloropropane	9.305	76	290044	52.297	ug/l	100
58)	2-Chloroethyl Vinyl ether	8.238	63	726836	289.366	ug/l	99
59)	2-Hexanone	9.427	43	756391	321.033	ug/l	99
60)	Dibromochloromethane	9.518	129	208127	53.995	ug/l	98
61)	1,2-Dibromoethane	9.610	107	174833	54.048	ug/l	100
64)	Tetrachloroethene	9.274	164	144564	48.111	ug/l	98
65)	Chlorobenzene	10.079	112	492117	50.435	ug/l	99
66)	1,1,1,2-Tetrachloroethane	10.158	131	174818	53.296	ug/l	99
67)	Ethyl Benzene	10.189	91	851825	50.977	ug/l	98
68)	m/p-Xylenes	10.299	106	639926	101.630	ug/l	99
69)	o-Xylene	10.640	106	311366	51.192	ug/l	99
70)	Styrene	10.652	104	545199	52.392	ug/l	99
71)	Bromoform	10.799	173	135889	55.717	ug/l	98
73)	Isopropylbenzene	10.957	105	828004	53.529	ug/l	100
74)	N-amyl acetate	10.841	43	332486	63.254	ug/l	99
75)	1,1,2,2-Tetrachloroethane	11.207	83	243489	57.246	ug/l	100
76)	1,2,3-Trichloropropane	11.237	75	200865m	59.079	ug/l	
77)	Bromobenzene	11.195	156	203317	52.769	ug/l	99
78)	n-propylbenzene	11.298	91	984641	52.791	ug/l	100
79)	2-Chlorotoluene	11.359	91	580504	52.710	ug/l	99
80)	1,3,5-Trimethylbenzene	11.451	105	678149	53.955	ug/l	99
81)	trans-1,4-Dichloro-2-b...	11.018	75	77554	61.211	ug/l	99
82)	4-Chlorotoluene	11.451	91	675805	53.174	ug/l	100
83)	tert-Butylbenzene	11.713	119	704065	54.236	ug/l	100
84)	1,2,4-Trimethylbenzene	11.750	105	686276	54.020	ug/l	97
85)	sec-Butylbenzene	11.890	105	868859	53.085	ug/l	99
86)	p-Isopropyltoluene	12.006	119	730626	53.306	ug/l	99
87)	1,3-Dichlorobenzene	11.969	146	378343	52.505	ug/l	99
88)	1,4-Dichlorobenzene	12.036	146	382476	51.000	ug/l	99
89)	n-Butylbenzene	12.329	91	679556	52.767	ug/l	99
90)	Hexachloroethane	12.536	117	133002	54.739	ug/l	97
91)	1,2-Dichlorobenzene	12.329	146	364556	52.207	ug/l	100
92)	1,2-Dibromo-3-Chloropr...	12.938	75	47729	64.157	ug/l	96
93)	1,2,4-Trichlorobenzene	13.585	180	251875	53.095	ug/l	99
94)	Hexachlorobutadiene	13.719	225	94846	53.015	ug/l	98
95)	Naphthalene	13.774	128	754921	60.391	ug/l	100
96)	1,2,3-Trichlorobenzene	13.957	180	245343	54.736	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

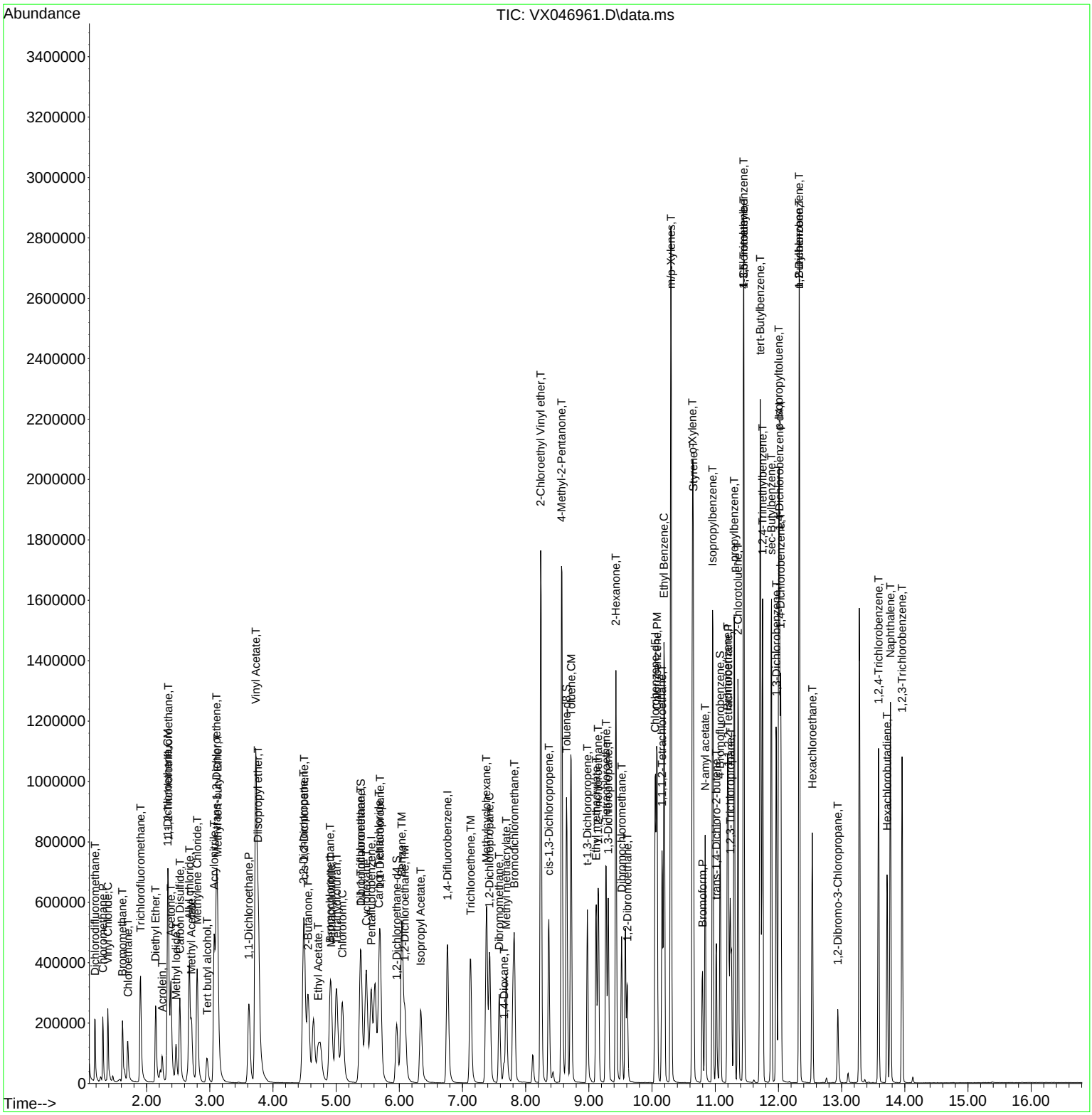
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	Pentafluorobenzene	1.000	1.000	0.0	82	0.00
2	T	Dichlorodifluoromethane	0.478	0.487	-1.9	82	0.00
3	P	Chloromethane	0.522	0.477	8.6	77	0.00
4	C	Vinyl Chloride	0.569	0.565	0.7#	84	0.00
5	T	Bromomethane	0.366	0.365	0.3	83	0.00
6	T	Chloroethane	0.376	0.357	5.1	85	0.00
7	T	Trichlorofluoromethane	0.880	0.919	-4.4	88	0.00
8	T	Diethyl Ether	0.313	0.341	-8.9	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.585	-4.3	88	0.00
10	T	Methyl Iodide	0.611	0.496	18.8	65	0.00
11	T	Tert butyl alcohol	0.043	0.068	-58.1#	132	0.00
12	CM	1,1-Dichloroethene	0.542	0.553	-2.0#	87	0.00
13	T	Acrolein	0.052	0.044	15.4	80	0.00
14	T	Allyl chloride	0.965	1.039	-7.7	91	0.00
15	T	Acrylonitrile	0.250	0.295	-18.0	99	0.00
16	T	Acetone	0.205	0.234	-14.1	100	0.00
17	T	Carbon Disulfide	1.422	1.298	8.7	80	0.00
18	T	Methyl Acetate	0.541	0.769	-42.1#	114	0.00
19	T	Methyl tert-butyl Ether	1.531	1.868	-22.0	101	0.00
20	T	Methylene Chloride	0.607	0.629	-3.6	88	0.00
21	T	trans-1,2-Dichloroethene	0.555	0.557	-0.4	85	0.00
22	T	Diisopropyl ether	1.865	2.102	-12.7	91	0.00
23	T	Vinyl Acetate	1.397	1.623	-16.2	94	0.00
24	P	1,1-Dichloroethane	1.064	1.127	-5.9	89	0.00
25	T	2-Butanone	0.274	0.340	-24.1	102	0.00
26	T	2,2-Dichloropropane	0.792	0.911	-15.0	98	0.00
27	T	cis-1,2-Dichloroethene	0.677	0.712	-5.2	89	0.00
28	T	Bromochloromethane	0.525	0.551	-5.0	86	0.00
29	T	Tetrahydrofuran	0.175	0.220	-25.7#	103	0.00
30	C	Chloroform	1.087	1.141	-5.0#	89	0.00
31	T	Cyclohexane	0.944	0.919	2.6	82	0.00
32	T	1,1,1-Trichloroethane	0.908	0.987	-8.7	92	-0.01
33	S	1,2-Dichloroethane-d4	0.661	0.674	-2.0	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.339	0.336	0.9	83	0.00
36	T	1,1-Dichloropropene	0.458	0.455	0.7	87	0.00
37	T	Ethyl Acetate	0.390	0.433	-11.0	101	0.00
38	T	Carbon Tetrachloride	0.484	0.506	-4.5	89	-0.01
39	T	Methylcyclohexane	0.573	0.556	3.0	82	0.00
40	TM	Benzene	1.385	1.391	-0.4	86	-0.01
41	T	Methacrylonitrile	0.208	0.255	-22.6	100	0.00
42	TM	1,2-Dichloroethane	0.470	0.497	-5.7	91	0.00
43	T	Isopropyl Acetate	0.597	0.739	-23.8	100	0.00
44	TM	Trichloroethene	0.361	0.355	1.7	86	0.00
45	C	1,2-Dichloropropane	0.350	0.364	-4.0#	88	0.00
46	T	Dibromomethane	0.242	0.255	-5.4	89	0.00
47	T	Bromodichloromethane	0.518	0.552	-6.6	91	0.00
48	T	Methyl methacrylate	0.308	0.385	-25.0#	100	0.00

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	1,4-Dioxane	0.004	0.005	-25.0	111	0.00
50	S	Toluene-d8	1.197	1.136	5.1	80	0.00
51	T	4-Methyl-2-Pentanone	0.353	0.436	-23.5	100	0.00
52	CM	Toluene	0.858	0.875	-2.0#	87	0.00
53	T	t-1,3-Dichloropropene	0.462	0.534	-15.6	95	0.00
54	T	cis-1,3-Dichloropropene	0.527	0.581	-10.2	91	0.00
55	T	1,1,2-Trichloroethane	0.320	0.348	-8.7	92	0.00
56	T	Ethyl methacrylate	0.442	0.529	-19.7	97	0.00
57	T	1,3-Dichloropropane	0.550	0.576	-4.7	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.249	0.289	-16.1	91	0.00
59	T	2-Hexanone	0.234	0.300	-28.2#	102	0.00
60	T	Dibromochloromethane	0.383	0.413	-7.8	92	0.00
61	T	1,2-Dibromoethane	0.321	0.347	-8.1	91	0.00
62	S	4-Bromofluorobenzene	0.455	0.448	1.5	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.333	0.320	3.9	85	0.00
65	PM	Chlorobenzene	1.081	1.090	-0.8	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.387	-6.6	90	0.00
67	C	Ethyl Benzene	1.851	1.887	-1.9#	86	0.00
68	T	m/p-Xylenes	0.698	0.709	-1.6	86	0.00
69	T	o-Xylene	0.674	0.690	-2.4	87	0.00
70	T	Styrene	1.153	1.208	-4.8	86	0.00
71	P	Bromoform	0.270	0.301	-11.5	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	3.515	3.763	-7.1	86	0.00
74	T	N-amyl acetate	1.194	1.511	-26.5#	98	0.00
75	P	1,1,2,2-Tetrachloroethane	0.966	1.107	-14.6	95	0.00
76	T	1,2,3-Trichloropropane	0.773	0.913	-18.1	96	0.00
77	T	Bromobenzene	0.875	0.924	-5.6	87	0.00
78	T	n-propylbenzene	4.238	4.475	-5.6	86	0.00
79	T	2-Chlorotoluene	2.503	2.638	-5.4	88	0.00
80	T	1,3,5-Trimethylbenzene	2.856	3.082	-7.9	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.352	-22.2	100	0.00
82	T	4-Chlorotoluene	2.888	3.071	-6.3	87	0.00
83	T	tert-Butylbenzene	2.950	3.200	-8.5	87	0.00
84	T	1,2,4-Trimethylbenzene	2.887	3.119	-8.0	87	0.00
85	T	sec-Butylbenzene	3.719	3.949	-6.2	86	0.00
86	T	p-Isopropyltoluene	3.114	3.320	-6.6	87	0.00
87	T	1,3-Dichlorobenzene	1.637	1.719	-5.0	87	0.00
88	T	1,4-Dichlorobenzene	1.704	1.738	-2.0	88	0.00
89	T	n-Butylbenzene	2.926	3.088	-5.5	85	0.00
90	T	Hexachloroethane	0.552	0.604	-9.4	90	0.00
91	T	1,2-Dichlorobenzene	1.587	1.657	-4.4	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.169	0.217	-28.4#	105	0.00
93	T	1,2,4-Trichlorobenzene	1.078	1.145	-6.2	87	0.00
94	T	Hexachlorobutadiene	0.407	0.431	-5.9	87	0.00
95	T	Naphthalene	2.840	3.431	-20.8	93	0.00

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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)
96 T	1,2,3-Trichlorobenzene	1.019	1.115	-9.4	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	Pentafluorobenzene	50.000	50.000	0.0	82	0.00
2	T	Dichlorodifluoromethane	50.000	50.960	-1.9	82	0.00
3	P	Chloromethane	50.000	45.634	8.7	77	0.00
4	C	Vinyl Chloride	50.000	49.613	0.8#	84	0.00
5	T	Bromomethane	50.000	49.866	0.3	83	0.00
6	T	Chloroethane	50.000	47.576	4.8	85	0.00
7	T	Trichlorofluoromethane	50.000	52.255	-4.5	88	0.00
8	T	Diethyl Ether	50.000	54.452	-8.9	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.163	-4.3	88	0.00
10	T	Methyl Iodide	50.000	40.609	18.8	65	0.00
11	T	Tert butyl alcohol	250.000	390.182	-56.1#	132	0.00
12	CM	1,1-Dichloroethene	50.000	51.020	-2.0#	87	0.00
13	T	Acrolein	250.000	230.897	7.6	80	0.00
14	T	Allyl chloride	50.000	53.830	-7.7	91	0.00
15	T	Acrylonitrile	250.000	294.614	-17.8	99	0.00
16	T	Acetone	250.000	285.701	-14.3	100	0.00
17	T	Carbon Disulfide	50.000	45.650	8.7	80	0.00
18	T	Methyl Acetate	50.000	71.131	-42.3#	114	0.00
19	T	Methyl tert-butyl Ether	50.000	60.996	-22.0	101	0.00
20	T	Methylene Chloride	50.000	51.825	-3.7	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.206	-0.4	85	0.00
22	T	Diisopropyl ether	50.000	56.362	-12.7	91	0.00
23	T	Vinyl Acetate	250.000	290.428	-16.2	94	0.00
24	P	1,1-Dichloroethane	50.000	52.993	-6.0	89	0.00
25	T	2-Butanone	250.000	310.834	-24.3	102	0.00
26	T	2,2-Dichloropropane	50.000	57.548	-15.1	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.571	-5.1	89	0.00
28	T	Bromochloromethane	50.000	52.488	-5.0	86	0.00
29	T	Tetrahydrofuran	250.000	314.945	-26.0#	103	0.00
30	C	Chloroform	50.000	52.487	-5.0#	89	0.00
31	T	Cyclohexane	50.000	48.675	2.7	82	0.00
32	T	1,1,1-Trichloroethane	50.000	54.360	-8.7	92	-0.01
33	S	1,2-Dichloroethane-d4	50.000	51.007	-2.0	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	49.532	0.9	83	0.00
36	T	1,1-Dichloropropene	50.000	49.651	0.7	87	0.00
37	T	Ethyl Acetate	50.000	55.543	-11.1	101	0.00
38	T	Carbon Tetrachloride	50.000	52.305	-4.6	89	-0.01
39	T	Methylcyclohexane	50.000	48.528	2.9	82	0.00
40	TM	Benzene	50.000	50.208	-0.4	86	-0.01
41	T	Methacrylonitrile	50.000	61.297	-22.6	100	0.00
42	TM	1,2-Dichloroethane	50.000	52.857	-5.7	91	0.00
43	T	Isopropyl Acetate	50.000	61.850	-23.7	100	0.00
44	TM	Trichloroethene	50.000	49.245	1.5	86	0.00
45	C	1,2-Dichloropropane	50.000	52.061	-4.1#	88	0.00
46	T	Dibromomethane	50.000	52.647	-5.3	89	0.00
47	T	Bromodichloromethane	50.000	53.321	-6.6	91	0.00
48	T	Methyl methacrylate	50.000	62.407	-24.8	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	1,4-Dioxane	1000.000	1346.109	-34.6#	111	0.00
50	S	Toluene-d8	50.000	47.437	5.1	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	308.906	-23.6	100	0.00
52	CM	Toluene	50.000	50.957	-1.9#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	57.773	-15.5	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.076	-10.2	91	0.00
55	T	1,1,2-Trichloroethane	50.000	54.503	-9.0	92	0.00
56	T	Ethyl methacrylate	50.000	59.797	-19.6	97	0.00
57	T	1,3-Dichloropropane	50.000	52.297	-4.6	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.366	-15.7	91	0.00
59	T	2-Hexanone	250.000	321.033	-28.4#	102	0.00
60	T	Dibromochloromethane	50.000	53.995	-8.0	92	0.00
61	T	1,2-Dibromoethane	50.000	54.048	-8.1	91	0.00
62	S	4-Bromofluorobenzene	50.000	49.228	1.5	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	48.111	3.8	85	0.00
65	PM	Chlorobenzene	50.000	50.435	-0.9	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.296	-6.6	90	0.00
67	C	Ethyl Benzene	50.000	50.977	-2.0#	86	0.00
68	T	m/p-Xylenes	100.000	101.630	-1.6	86	0.00
69	T	o-Xylene	50.000	51.192	-2.4	87	0.00
70	T	Styrene	50.000	52.392	-4.8	86	0.00
71	P	Bromoform	50.000	55.717	-11.4	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	53.529	-7.1	86	0.00
74	T	N-amyl acetate	50.000	63.254	-26.5#	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.246	-14.5	95	0.00
76	T	1,2,3-Trichloropropane	50.000	59.079	-18.2	96	0.00
77	T	Bromobenzene	50.000	52.769	-5.5	87	0.00
78	T	n-propylbenzene	50.000	52.791	-5.6	86	0.00
79	T	2-Chlorotoluene	50.000	52.710	-5.4	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.955	-7.9	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	61.211	-22.4	100	0.00
82	T	4-Chlorotoluene	50.000	53.174	-6.3	87	0.00
83	T	tert-Butylbenzene	50.000	54.236	-8.5	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.020	-8.0	87	0.00
85	T	sec-Butylbenzene	50.000	53.085	-6.2	86	0.00
86	T	p-Isopropyltoluene	50.000	53.306	-6.6	87	0.00
87	T	1,3-Dichlorobenzene	50.000	52.505	-5.0	87	0.00
88	T	1,4-Dichlorobenzene	50.000	51.000	-2.0	88	0.00
89	T	n-Butylbenzene	50.000	52.767	-5.5	85	0.00
90	T	Hexachloroethane	50.000	54.739	-9.5	90	0.00
91	T	1,2-Dichlorobenzene	50.000	52.207	-4.4	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	64.157	-28.3#	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.095	-6.2	87	0.00
94	T	Hexachlorobutadiene	50.000	53.015	-6.0	87	0.00
95	T	Naphthalene	50.000	60.391	-20.8	93	0.00

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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)
96 T	1,2,3-Trichlorobenzene	50.000	54.736	-9.5	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046988.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG No.: Q2579
Instrument ID: MSVOA_X
Calibration Date/Time: 07/15/2025 10:18
Lab File ID: VX046988.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.569	0.540		-5.1	20
1,1-Dichloroethene	0.542	0.545		0.55	20
2-Butanone	0.274	0.372		35.77	20
Carbon Tetrachloride	0.484	0.508		4.96	20
Chloroform	1.087	1.183		8.83	20
Benzene	1.385	1.417		2.31	20
1,2-Dichloroethane	0.470	0.511		8.72	20
Trichloroethene	0.361	0.358		-0.83	20
Tetrachloroethene	0.333	0.318		-4.51	20
Chlorobenzene	1.081	1.126	0.3	4.16	20
1,2-Dichloroethane-d4	0.661	0.719		8.77	20
Dibromofluoromethane	0.339	0.359		5.9	20
Toluene-d8	1.197	1.212		1.25	20
4-Bromofluorobenzene	0.455	0.485		6.59	20

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\VX071525\
Data File : VX046988.D
Acq On : 15 Jul 2025 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	298555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	499158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214513	54.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.391	113	178999	52.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	8.647	98	605167	50.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.079	95	242088	53.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	136314	47.742	ug/l	98
3) Chloromethane	1.306	50	144424	46.297	ug/l	100
4) Vinyl Chloride	1.386	62	161197	47.451	ug/l	98
5) Bromomethane	1.617	94	103355	47.351	ug/l	99
6) Chloroethane	1.703	64	107013	47.706	ug/l	98
7) Trichlorofluoromethane	1.904	101	270152	51.431	ug/l	99
8) Diethyl Ether	2.148	74	102078	54.608	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	174645	52.178	ug/l	99
10) Methyl Iodide	2.465	142	172384	47.274	ug/l	96
11) Tert butyl alcohol	2.959	59	105764	408.859	ug/l	99
12) 1,1-Dichloroethene	2.337	96	162804	50.288	ug/l	97
13) Acrolein	2.251	56	81952	286.283	ug/l	98
14) Allyl chloride	2.678	41	315442	54.728	ug/l	99
15) Acrylonitrile	3.068	53	467316	312.460	ug/l	99
16) Acetone	2.386	43	361327	294.924	ug/l	100
17) Carbon Disulfide	2.526	76	355879	41.917	ug/l	100
18) Methyl Acetate	2.715	43	249699	77.325	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	573793	62.763	ug/l	98
20) Methylene Chloride	2.800	84	190145	52.485	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	167974	50.706	ug/l	98
22) Diisopropyl ether	3.769	45	649158	58.297	ug/l	96
23) Vinyl Acetate	3.727	43	2500248	299.702	ug/l	99
24) 1,1-Dichloroethane	3.623	63	341985	53.850	ug/l	99
25) 2-Butanone	4.556	43	555541	339.868	ug/l	99
26) 2,2-Dichloropropane	4.483	77	269784	57.081	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	215597	53.305	ug/l	98
28) Bromochloromethane	4.903	49	162990	52.003	ug/l	96
29) Tetrahydrofuran	5.007	42	357784	343.369	ug/l	98
30) Chloroform	5.098	83	353090	54.421	ug/l	98
31) Cyclohexane	5.476	56	275627	48.888	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	295296	54.477	ug/l	99
36) 1,1-Dichloropropene	5.702	75	228659	50.018	ug/l	100
37) Ethyl Acetate	4.714	43	229448	58.928	ug/l	100
38) Carbon Tetrachloride	5.684	117	253764	52.505	ug/l	99
39) Methylcyclohexane	7.385	83	275451	48.168	ug/l	99
40) Benzene	6.043	78	707337	51.155	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046988.D
Acq On : 15 Jul 2025 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	136262	65.603	ug/l	98
42) 1,2-Dichloroethane	6.086	62	255117	54.334	ug/l	98
43) Isopropyl Acetate	6.342	43	389961	65.387	ug/l	100
44) Trichloroethene	7.129	130	178562	49.609	ug/l	99
45) 1,2-Dichloropropane	7.433	63	186702	53.443	ug/l	100
46) Dibromomethane	7.580	93	129355	53.441	ug/l	99
47) Bromodichloromethane	7.824	83	278048	53.798	ug/l	97
48) Methyl methacrylate	7.696	41	204045	66.260	ug/l	97
49) 1,4-Dioxane	7.659	88	50379	1411.910	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1173684	333.458	ug/l	99
52) Toluene	8.720	92	441353	51.509	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	268222	58.150	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	297348	56.477	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	176972	55.451	ug/l	98
56) Ethyl methacrylate	9.116	69	281832	63.802	ug/l	98
57) 1,3-Dichloropropane	9.305	76	300488	54.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	781053	313.811	ug/l	100
59) 2-Hexanone	9.427	43	810255	347.058	ug/l	99
60) Dibromochloromethane	9.518	129	209424	54.831	ug/l	98
61) 1,2-Dibromoethane	9.610	107	177904	55.503	ug/l	99
64) Tetrachloroethene	9.275	164	141010	47.747	ug/l	98
65) Chlorobenzene	10.079	112	499325	52.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	176346	54.701	ug/l	99
67) Ethyl Benzene	10.189	91	871908	53.090	ug/l	99
68) m/p-Xylenes	10.299	106	650006	105.033	ug/l	99
69) o-Xylene	10.640	106	317971	53.191	ug/l	99
70) Styrene	10.652	104	554502	54.216	ug/l	98
71) Bromoform	10.799	173	134923	56.287	ug/l	100
73) Isopropylbenzene	10.957	105	842977	55.052	ug/l	100
74) N-amyl acetate	10.841	43	351295	67.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	249784	59.324	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209071m	62.119	ug/l	
77) Bromobenzene	11.195	156	206399	54.115	ug/l	97
78) n-propylbenzene	11.299	91	998163	54.061	ug/l	100
79) 2-Chlorotoluene	11.360	91	587745	53.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	691213	55.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	78932	62.934	ug/l	99
82) 4-Chlorotoluene	11.451	91	690973	54.922	ug/l	100
83) tert-Butylbenzene	11.713	119	712515	55.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	690267	54.888	ug/l	95
85) sec-Butylbenzene	11.890	105	882170	54.448	ug/l	100
86) p-Isopropyltoluene	12.006	119	734892	54.164	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	380859	53.393	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	380835	51.299	ug/l	99
89) n-Butylbenzene	12.329	91	683574	53.620	ug/l	100
90) Hexachloroethane	12.536	117	128960	53.616	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	367044	53.099	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	49161	66.756	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	255734	54.458	ug/l	100
94) Hexachlorobutadiene	13.719	225	91363	51.589	ug/l	99
95) Naphthalene	13.774	128	778201	62.888	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	245654	55.364	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046988.D
Acq On : 15 Jul 2025 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

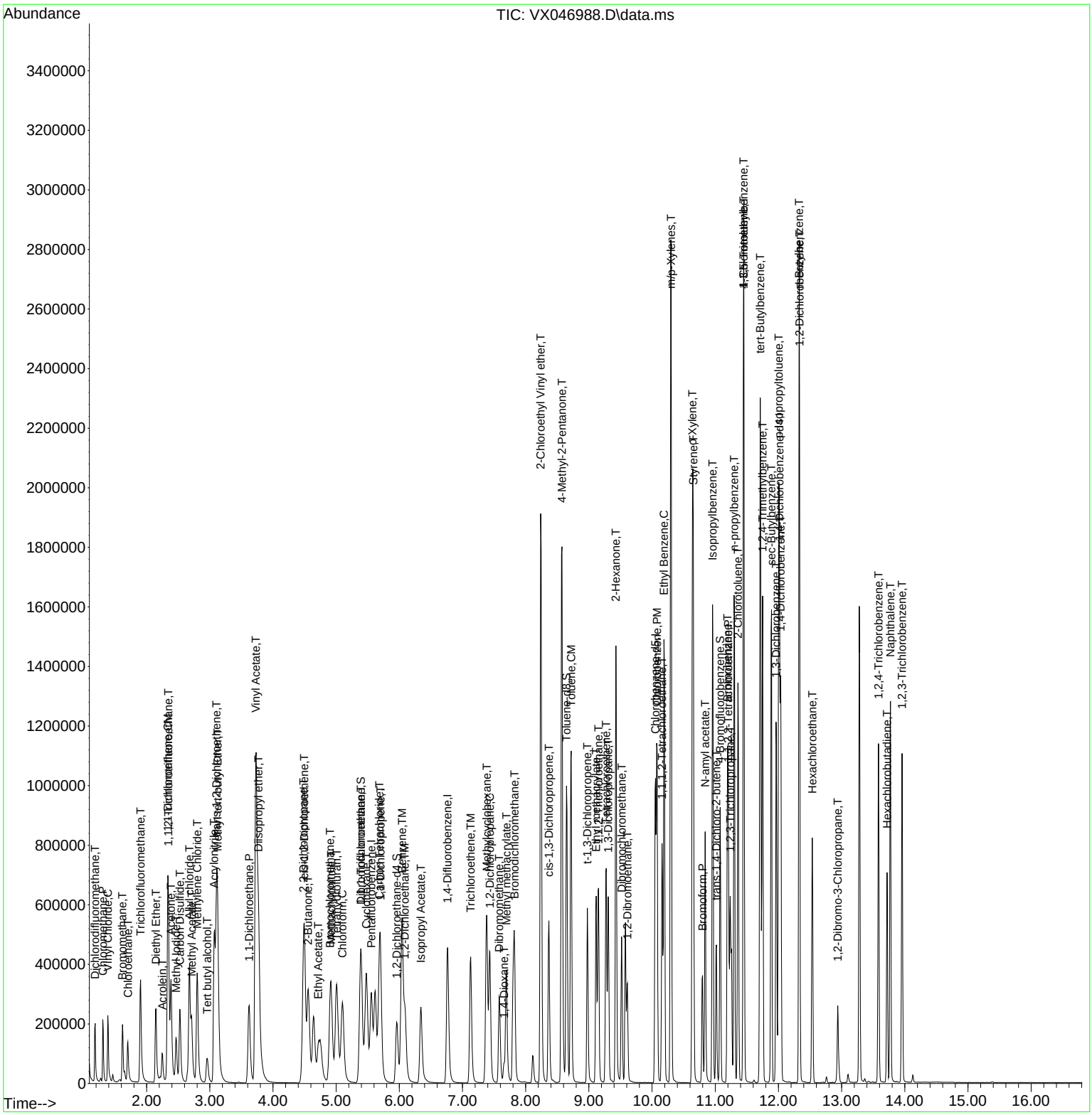
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046988.D
Acq On : 15 Jul 2025 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



Sample Results: **VX046988.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046988.D
Acq On : 15 Jul 2025 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	Pentafluorobenzene	1.000	1.000	0.0	81	0.00
2	T	Dichlorodifluoromethane	0.478	0.457	4.4	76	0.00
3	P	Chloromethane	0.522	0.484	7.3	77	0.00
4	C	Vinyl Chloride	0.569	0.540	5.1#	80	0.00
5	T	Bromomethane	0.366	0.346	5.5	78	0.00
6	T	Chloroethane	0.376	0.358	4.8	84	0.00
7	T	Trichlorofluoromethane	0.880	0.905	-2.8	86	0.00
8	T	Diethyl Ether	0.313	0.342	-9.3	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.585	-4.3	87	0.00
10	T	Methyl Iodide	0.611	0.577	5.6	74	0.00
11	T	Tert butyl alcohol	0.043	0.071	-65.1#	136	0.00
12	CM	1,1-Dichloroethene	0.542	0.545	-0.6#	84	0.00
13	T	Acrolein	0.052	0.055	-5.8	97	0.00
14	T	Allyl chloride	0.965	1.057	-9.5	91	0.00
15	T	Acrylonitrile	0.250	0.313	-25.2#	103	0.00
16	T	Acetone	0.205	0.242	-18.0	102	0.00
17	T	Carbon Disulfide	1.422	1.192	16.2	72	0.00
18	T	Methyl Acetate	0.541	0.836	-54.5#	123	0.00
19	T	Methyl tert-butyl Ether	1.531	1.922	-25.5#	102	0.00
20	T	Methylene Chloride	0.607	0.637	-4.9	88	0.00
21	T	trans-1,2-Dichloroethene	0.555	0.563	-1.4	84	0.00
22	T	Diisopropyl ether	1.865	2.174	-16.6	93	0.00
23	T	Vinyl Acetate	1.397	1.675	-19.9	95	0.00
24	P	1,1-Dichloroethane	1.064	1.145	-7.6	89	0.00
25	T	2-Butanone	0.274	0.372	-35.8#	110	0.00
26	T	2,2-Dichloropropane	0.792	0.904	-14.1	96	0.00
27	T	cis-1,2-Dichloroethene	0.677	0.722	-6.6	89	0.00
28	T	Bromochloromethane	0.525	0.546	-4.0	84	0.00
29	T	Tetrahydrofuran	0.175	0.240	-37.1#	111	0.00
30	C	Chloroform	1.087	1.183	-8.8#	91	0.00
31	T	Cyclohexane	0.944	0.923	2.2	82	0.00
32	T	1,1,1-Trichloroethane	0.908	0.989	-8.9	91	0.00
33	S	1,2-Dichloroethane-d4	0.661	0.719	-8.8	90	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.339	0.359	-5.9	88	0.00
36	T	1,1-Dichloropropene	0.458	0.458	0.0	87	0.00
37	T	Ethyl Acetate	0.390	0.460	-17.9	106	0.00
38	T	Carbon Tetrachloride	0.484	0.508	-5.0	89	0.00
39	T	Methylcyclohexane	0.573	0.552	3.7	81	0.00
40	TM	Benzene	1.385	1.417	-2.3	87	0.00
41	T	Methacrylonitrile	0.208	0.273	-31.3#	107	0.00
42	TM	1,2-Dichloroethane	0.470	0.511	-8.7	92	0.00
43	T	Isopropyl Acetate	0.597	0.781	-30.8#	105	0.00
44	TM	Trichloroethene	0.361	0.358	0.8	86	0.00
45	C	1,2-Dichloropropane	0.350	0.374	-6.9#	90	0.00
46	T	Dibromomethane	0.242	0.259	-7.0	90	0.00
47	T	Bromodichloromethane	0.518	0.557	-7.5	91	0.00
48	T	Methyl methacrylate	0.308	0.409	-32.8#	105	0.00

Sample Results: **VX046988.D**

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Acq On : 15 Jul 2025 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
VSTDCCC050

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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	1,4-Dioxane	0.004	0.005	-25.0	115	0.00
50	S	Toluene-d8	1.197	1.212	-1.3	84	0.00
51	T	4-Methyl-2-Pentanone	0.353	0.470	-33.1#	107	0.00
52	CM	Toluene	0.858	0.884	-3.0#	87	0.00
53	T	t-1,3-Dichloropropene	0.462	0.537	-16.2	94	0.00
54	T	cis-1,3-Dichloropropene	0.527	0.596	-13.1	93	0.00
55	T	1,1,2-Trichloroethane	0.320	0.355	-10.9	93	0.00
56	T	Ethyl methacrylate	0.442	0.565	-27.8#	102	0.00
57	T	1,3-Dichloropropane	0.550	0.602	-9.5	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.249	0.313	-25.7#	97	0.00
59	T	2-Hexanone	0.234	0.325	-38.9#	109	0.00
60	T	Dibromochloromethane	0.383	0.420	-9.7	92	0.00
61	T	1,2-Dibromoethane	0.321	0.356	-10.9	93	0.00
62	S	4-Bromofluorobenzene	0.455	0.485	-6.6	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.333	0.318	4.5	83	0.00
65	PM	Chlorobenzene	1.081	1.126	-4.2	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.398	-9.6	91	0.00
67	C	Ethyl Benzene	1.851	1.966	-6.2#	88	0.00
68	T	m/p-Xylenes	0.698	0.733	-5.0	87	0.00
69	T	o-Xylene	0.674	0.717	-6.4	89	0.00
70	T	Styrene	1.153	1.250	-8.4	87	0.00
71	P	Bromoform	0.270	0.304	-12.6	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	3.515	3.870	-10.1	88	0.00
74	T	N-amyl acetate	1.194	1.613	-35.1#	104	0.00
75	P	1,1,2,2-Tetrachloroethane	0.966	1.147	-18.7	97	0.00
76	T	1,2,3-Trichloropropane	0.773	0.960	-24.2	100	0.00
77	T	Bromobenzene	0.875	0.948	-8.3	88	0.00
78	T	n-propylbenzene	4.238	4.582	-8.1	87	0.00
79	T	2-Chlorotoluene	2.503	2.698	-7.8	89	0.00
80	T	1,3,5-Trimethylbenzene	2.856	3.173	-11.1	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.362	-25.7#	101	0.00
82	T	4-Chlorotoluene	2.888	3.172	-9.8	89	0.00
83	T	tert-Butylbenzene	2.950	3.271	-10.9	88	0.00
84	T	1,2,4-Trimethylbenzene	2.887	3.169	-9.8	88	0.00
85	T	sec-Butylbenzene	3.719	4.050	-8.9	87	0.00
86	T	p-Isopropyltoluene	3.114	3.374	-8.3	87	0.00
87	T	1,3-Dichlorobenzene	1.637	1.748	-6.8	88	0.00
88	T	1,4-Dichlorobenzene	1.704	1.748	-2.6	87	0.00
89	T	n-Butylbenzene	2.926	3.138	-7.2	86	0.00
90	T	Hexachloroethane	0.552	0.592	-7.2	87	0.00
91	T	1,2-Dichlorobenzene	1.587	1.685	-6.2	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.169	0.226	-33.7#	108	0.00
93	T	1,2,4-Trichlorobenzene	1.078	1.174	-8.9	88	0.00
94	T	Hexachlorobutadiene	0.407	0.419	-2.9	84	0.00
95	T	Naphthalene	2.840	3.573	-25.8#	96	0.00

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
VSTDCCC050

Quant Time: Jul 16 02:20:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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)
96 T	1,2,3-Trichlorobenzene	1.019	1.128	-10.7	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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Operator : JC/MD
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ALS Vial : 2 Sample Multiplier: 1

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	81	0.00
2	T	Dichlorodifluoromethane	50.000	47.742	4.5	76	0.00
3	P	Chloromethane	50.000	46.297	7.4	77	0.00
4	C	Vinyl Chloride	50.000	47.451	5.1#	80	0.00
5	T	Bromomethane	50.000	47.351	5.3	78	0.00
6	T	Chloroethane	50.000	47.706	4.6	84	0.00
7	T	Trichlorofluoromethane	50.000	51.431	-2.9	86	0.00
8	T	Diethyl Ether	50.000	54.608	-9.2	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.178	-4.4	87	0.00
10	T	Methyl Iodide	50.000	47.274	5.5	74	0.00
11	T	Tert butyl alcohol	250.000	408.859	-63.5#	136	0.00
12	CM	1,1-Dichloroethene	50.000	50.288	-0.6#	84	0.00
13	T	Acrolein	250.000	286.283	-14.5	97	0.00
14	T	Allyl chloride	50.000	54.728	-9.5	91	0.00
15	T	Acrylonitrile	250.000	312.460	-25.0	103	0.00
16	T	Acetone	250.000	294.924	-18.0	102	0.00
17	T	Carbon Disulfide	50.000	41.917	16.2	72	0.00
18	T	Methyl Acetate	50.000	77.325	-54.7#	123	0.00
19	T	Methyl tert-butyl Ether	50.000	62.763	-25.5#	102	0.00
20	T	Methylene Chloride	50.000	52.485	-5.0	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.706	-1.4	84	0.00
22	T	Diisopropyl ether	50.000	58.297	-16.6	93	0.00
23	T	Vinyl Acetate	250.000	299.702	-19.9	95	0.00
24	P	1,1-Dichloroethane	50.000	53.850	-7.7	89	0.00
25	T	2-Butanone	250.000	339.868	-35.9#	110	0.00
26	T	2,2-Dichloropropane	50.000	57.081	-14.2	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.305	-6.6	89	0.00
28	T	Bromochloromethane	50.000	52.003	-4.0	84	0.00
29	T	Tetrahydrofuran	250.000	343.369	-37.3#	111	0.00
30	C	Chloroform	50.000	54.421	-8.8#	91	0.00
31	T	Cyclohexane	50.000	48.888	2.2	82	0.00
32	T	1,1,1-Trichloroethane	50.000	54.477	-9.0	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.387	-8.8	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	52.829	-5.7	88	0.00
36	T	1,1-Dichloropropene	50.000	50.018	-0.0	87	0.00
37	T	Ethyl Acetate	50.000	58.928	-17.9	106	0.00
38	T	Carbon Tetrachloride	50.000	52.505	-5.0	89	0.00
39	T	Methylcyclohexane	50.000	48.168	3.7	81	0.00
40	TM	Benzene	50.000	51.155	-2.3	87	0.00
41	T	Methacrylonitrile	50.000	65.603	-31.2#	107	0.00
42	TM	1,2-Dichloroethane	50.000	54.334	-8.7	92	0.00
43	T	Isopropyl Acetate	50.000	65.387	-30.8#	105	0.00
44	TM	Trichloroethene	50.000	49.609	0.8	86	0.00
45	C	1,2-Dichloropropane	50.000	53.443	-6.9#	90	0.00
46	T	Dibromomethane	50.000	53.441	-6.9	90	0.00
47	T	Bromodichloromethane	50.000	53.798	-7.6	91	0.00
48	T	Methyl methacrylate	50.000	66.260	-32.5#	105	0.00

Sample Results: **VX046988.D**

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1411.910	-41.2#	115	0.00
50	S	Toluene-d8	50.000	50.622	-1.2	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	333.458	-33.4#	107	0.00
52	CM	Toluene	50.000	51.509	-3.0#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	58.150	-16.3	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.477	-13.0	93	0.00
55	T	1,1,2-Trichloroethane	50.000	55.451	-10.9	93	0.00
56	T	Ethyl methacrylate	50.000	63.802	-27.6#	102	0.00
57	T	1,3-Dichloropropane	50.000	54.679	-9.4	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	313.811	-25.5#	97	0.00
59	T	2-Hexanone	250.000	347.058	-38.8#	109	0.00
60	T	Dibromochloromethane	50.000	54.831	-9.7	92	0.00
61	T	1,2-Dibromoethane	50.000	55.503	-11.0	93	0.00
62	S	4-Bromofluorobenzene	50.000	53.283	-6.6	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	47.747	4.5	83	0.00
65	PM	Chlorobenzene	50.000	52.067	-4.1	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.701	-9.4	91	0.00
67	C	Ethyl Benzene	50.000	53.090	-6.2#	88	0.00
68	T	m/p-Xylenes	100.000	105.033	-5.0	87	0.00
69	T	o-Xylene	50.000	53.191	-6.4	89	0.00
70	T	Styrene	50.000	54.216	-8.4	87	0.00
71	P	Bromoform	50.000	56.287	-12.6	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	55.052	-10.1	88	0.00
74	T	N-amyl acetate	50.000	67.514	-35.0#	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	59.324	-18.6	97	0.00
76	T	1,2,3-Trichloropropane	50.000	62.119	-24.2	100	0.00
77	T	Bromobenzene	50.000	54.115	-8.2	88	0.00
78	T	n-propylbenzene	50.000	54.061	-8.1	87	0.00
79	T	2-Chlorotoluene	50.000	53.911	-7.8	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.555	-11.1	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	62.934	-25.9#	101	0.00
82	T	4-Chlorotoluene	50.000	54.922	-9.8	89	0.00
83	T	tert-Butylbenzene	50.000	55.447	-10.9	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.888	-9.8	88	0.00
85	T	sec-Butylbenzene	50.000	54.448	-8.9	87	0.00
86	T	p-Isopropyltoluene	50.000	54.164	-8.3	87	0.00
87	T	1,3-Dichlorobenzene	50.000	53.393	-6.8	88	0.00
88	T	1,4-Dichlorobenzene	50.000	51.299	-2.6	87	0.00
89	T	n-Butylbenzene	50.000	53.620	-7.2	86	0.00
90	T	Hexachloroethane	50.000	53.616	-7.2	87	0.00
91	T	1,2-Dichlorobenzene	50.000	53.099	-6.2	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	66.756	-33.5#	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.458	-8.9	88	0.00
94	T	Hexachlorobutadiene	50.000	51.589	-3.2	84	0.00
95	T	Naphthalene	50.000	62.888	-25.8#	96	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.364	-10.7	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

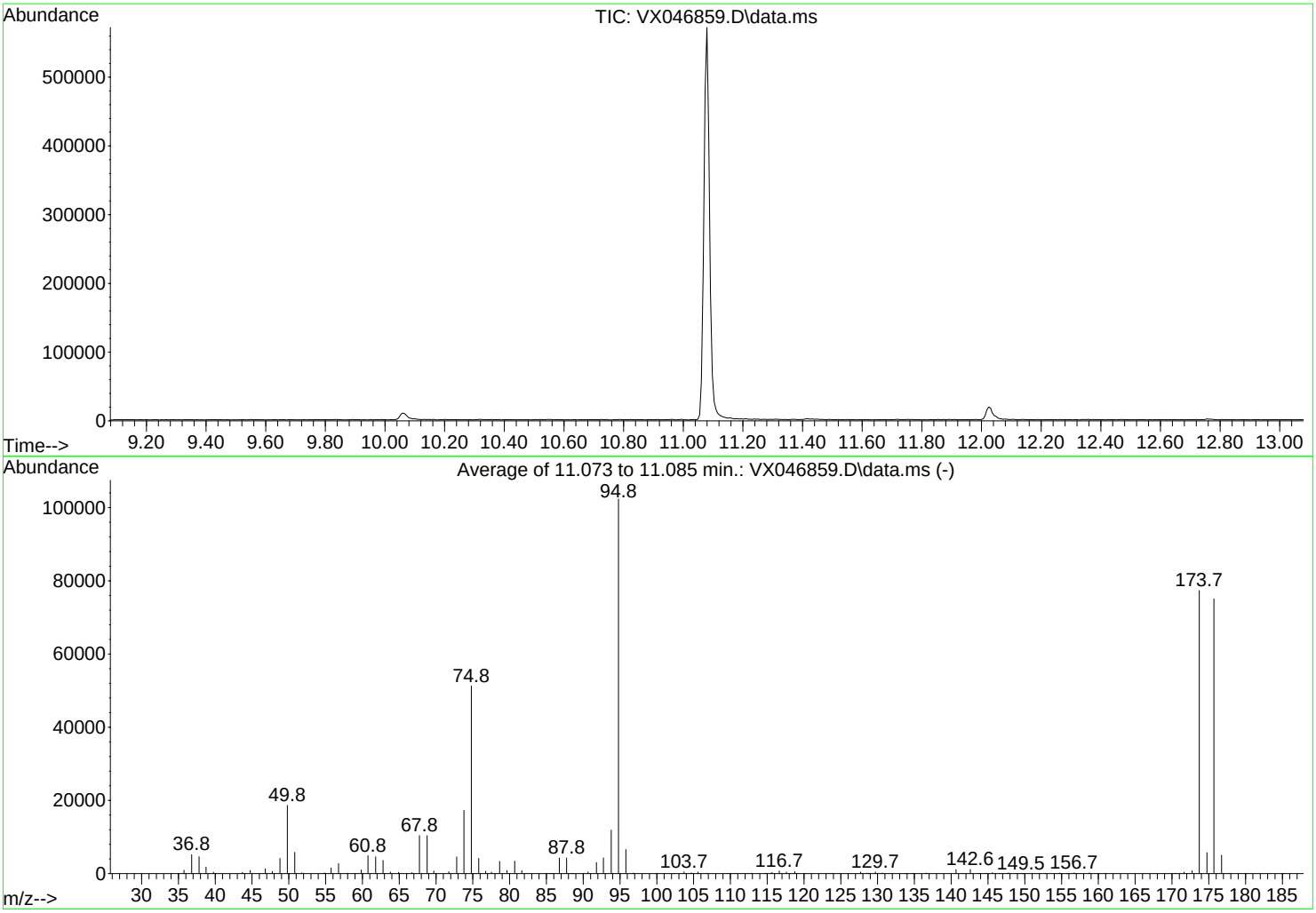
Sample Results: **VX046859.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046859.D
Acq On : 02 Jul 2025 11:12
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.2	18657	PASS
75	95	30	60	50.1	51248	PASS
95	95	100	100	100.0	102357	PASS
96	95	5	9	6.4	6574	PASS
173	174	0.00	2	1.0	779	PASS
174	95	50	100	75.5	77328	PASS
175	174	5	9	7.4	5758	PASS
176	174	95	101	97.1	75051	PASS
177	176	5	9	6.7	5020	PASS

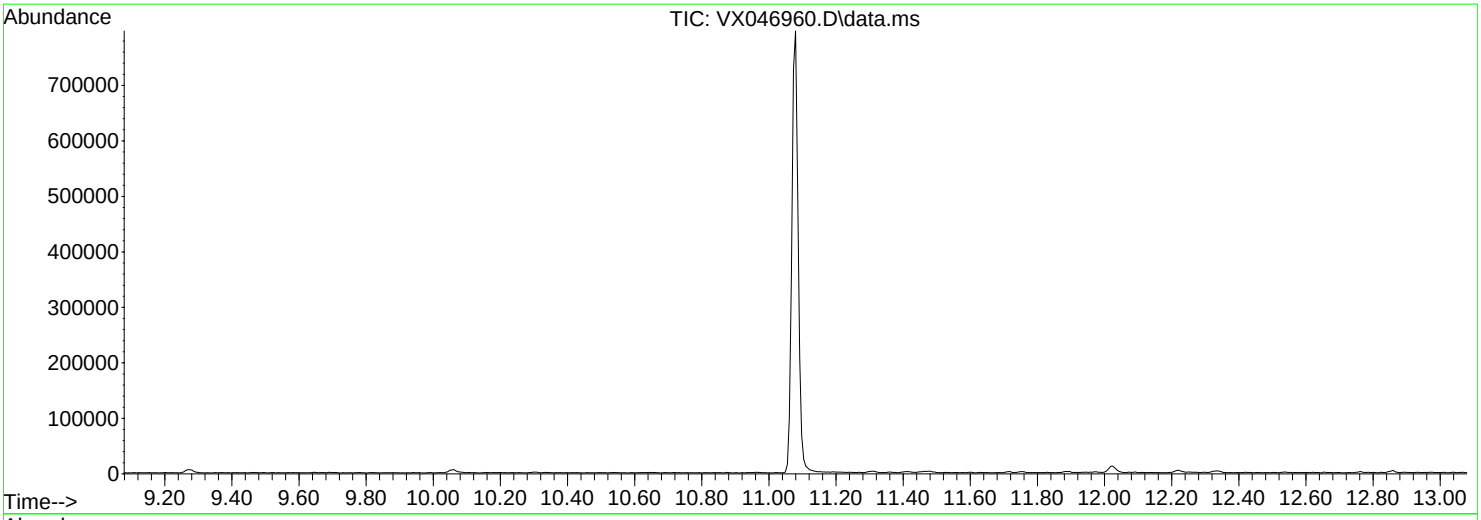
Sample Results: **VX046960.D**

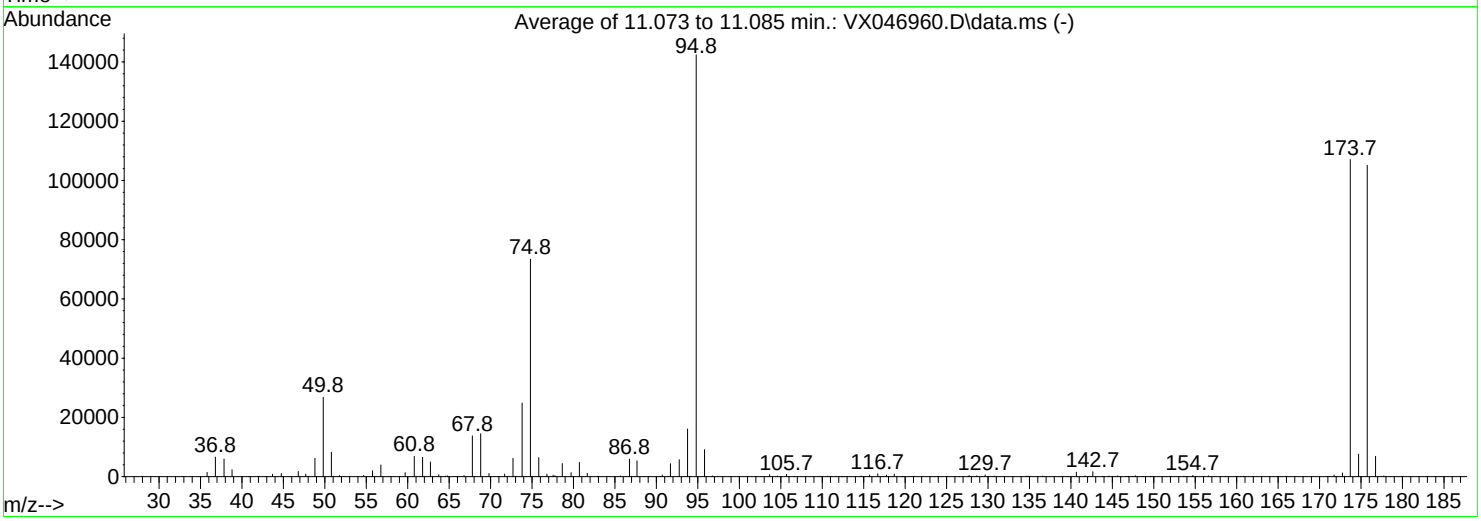
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046960.D
Acq On : 14 Jul 2025 08:10
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	26781	PASS
75	95	30	60	51.6	73443	PASS
95	95	100	100	100.0	142411	PASS
96	95	5	9	6.4	9140	PASS
173	174	0.00	2	1.2	1263	PASS
174	95	50	100	75.2	107085	PASS
175	174	5	9	7.1	7620	PASS
176	174	95	101	98.2	105131	PASS
177	176	5	9	6.5	6863	PASS

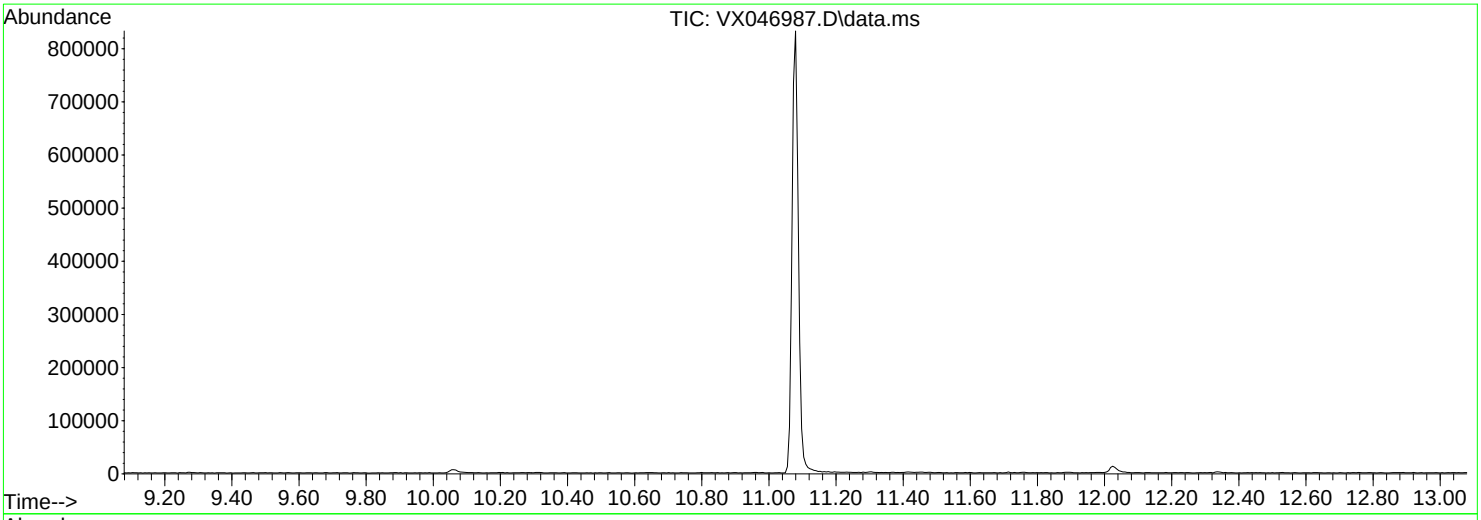
Sample Results: **VX046987.D**

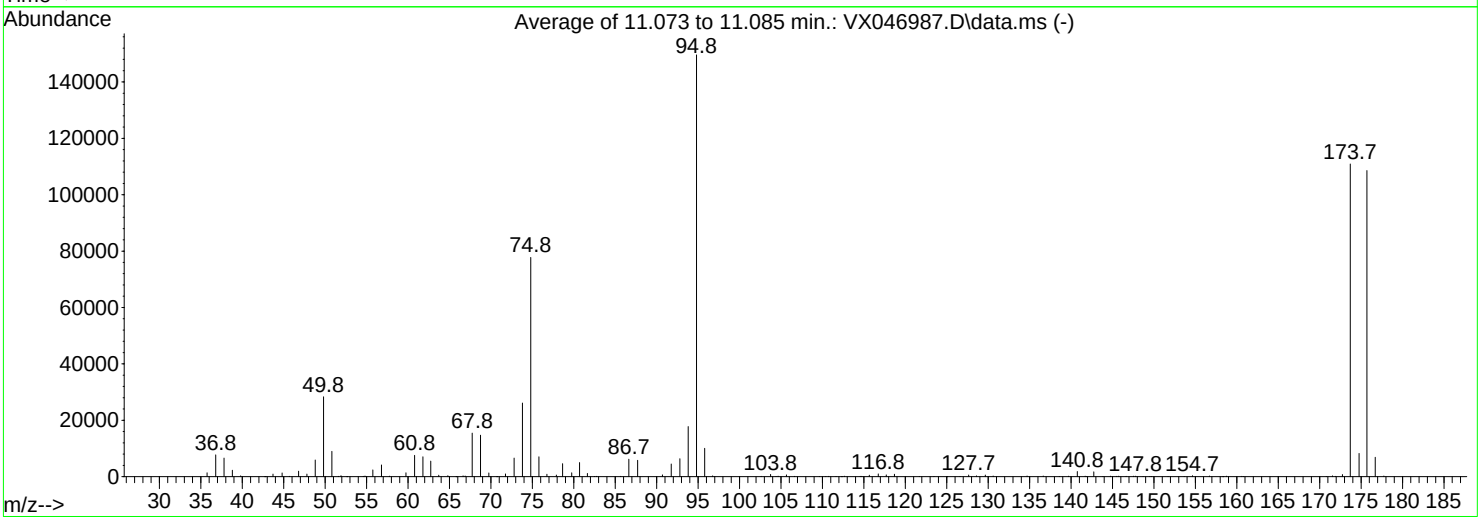
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046987.D
Acq On : 15 Jul 2025 08:29
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	28349	PASS
75	95	30	60	52.0	77789	PASS
95	95	100	100	100.0	149629	PASS
96	95	5	9	6.7	10046	PASS
173	174	0.00	2	0.7	745	PASS
174	95	50	100	74.1	110883	PASS
175	174	5	9	7.4	8256	PASS
176	174	95	101	97.9	108573	PASS
177	176	5	9	6.4	6898	PASS

Raw Data: **VX046963.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0714WBL01	SDG No.:	Q2579
Lab Sample ID:	VX0714WBL01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046963.D	1	07/14/25 11:18	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	331000	5.562			
540-36-3	1,4-Difluorobenzene	558000	6.769			
3114-55-4	Chlorobenzene-d5	513000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	263000	12.018			

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\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	330854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	558126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	263407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236008	53.995	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.000%			
35) Dibromofluoromethane	5.397	113	192755	50.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.646	98	650923	48.697	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.400%			
62) 4-Bromofluorobenzene	11.079	95	265134	52.190	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.380%			

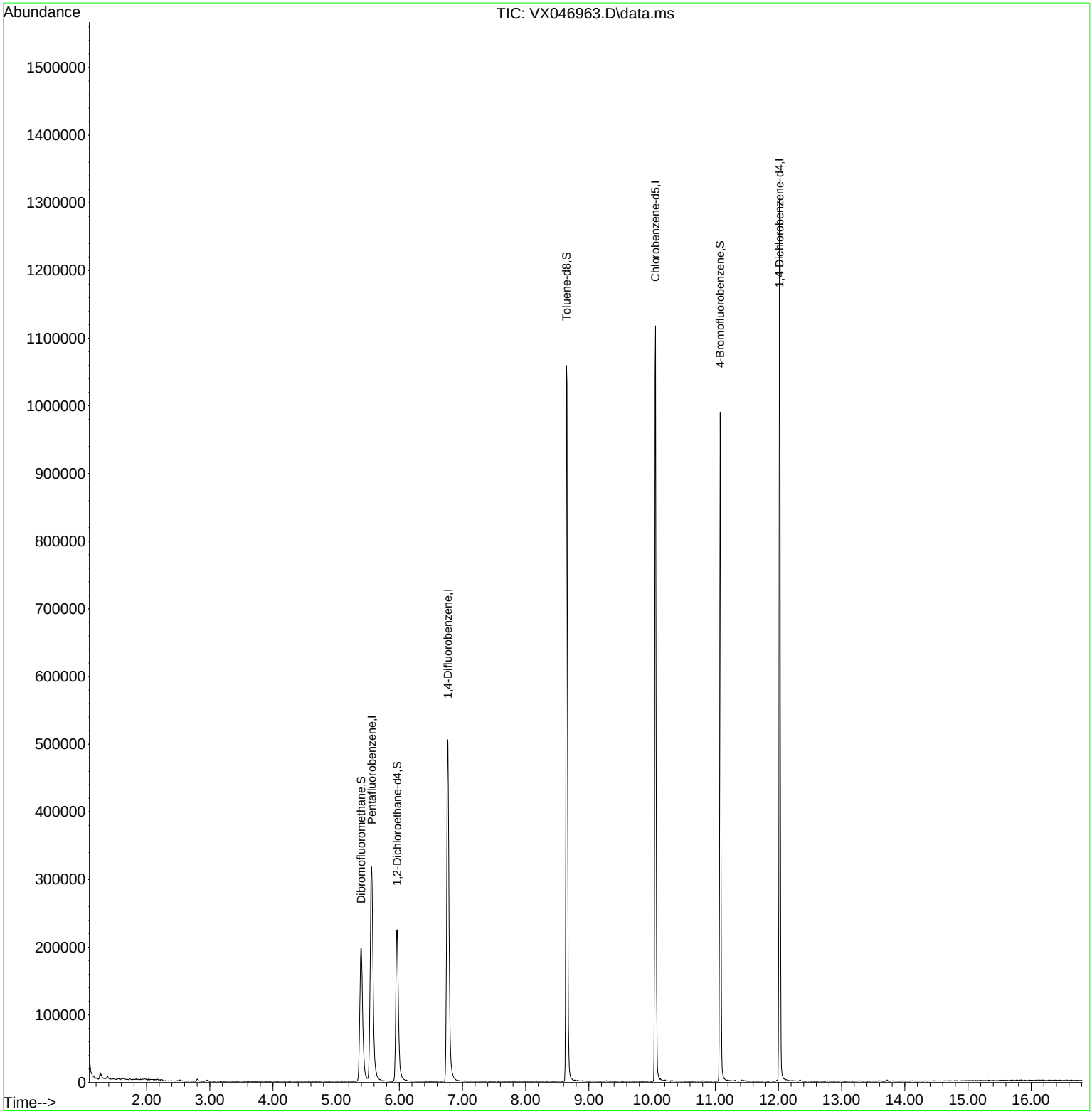
Target Compounds Qvalue

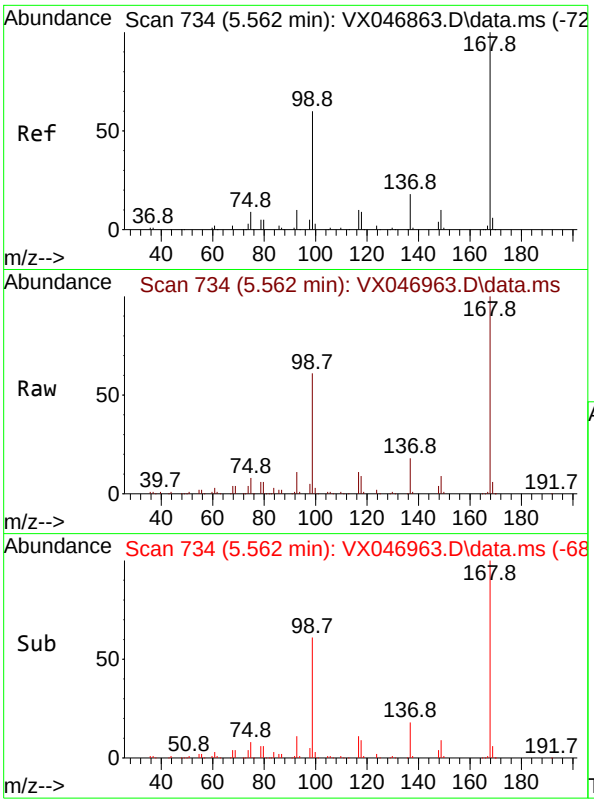
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



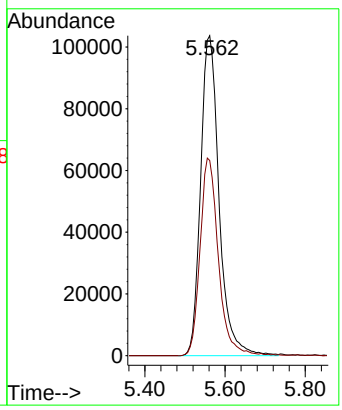


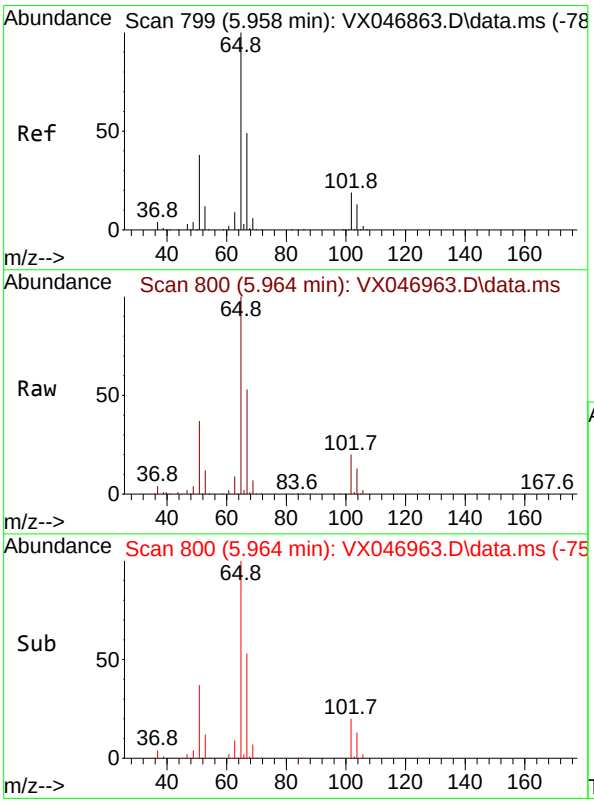
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Tgt Ion:168 Resp: 330854

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2

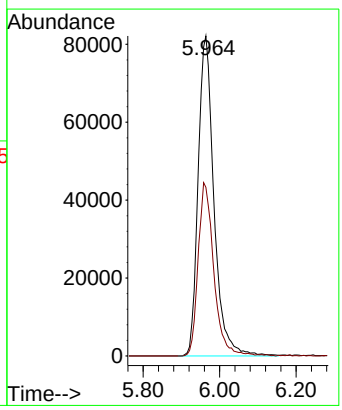


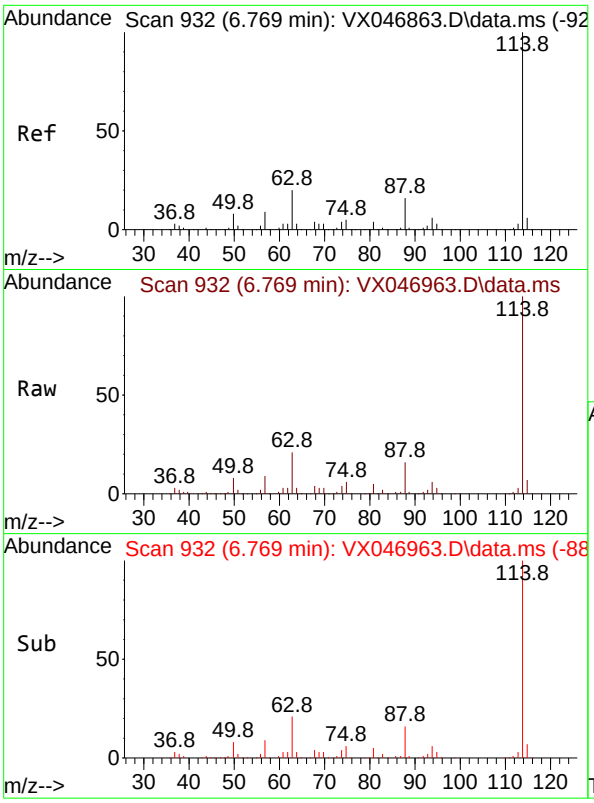


#33
1,2-Dichloroethane-d4
Concen: 53.995 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 65 Resp: 236008

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.2



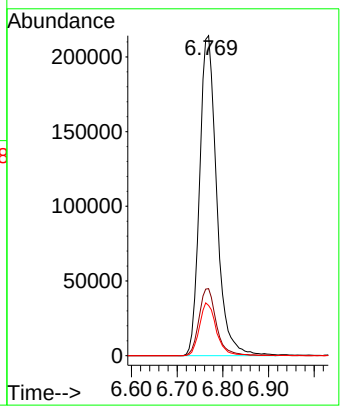


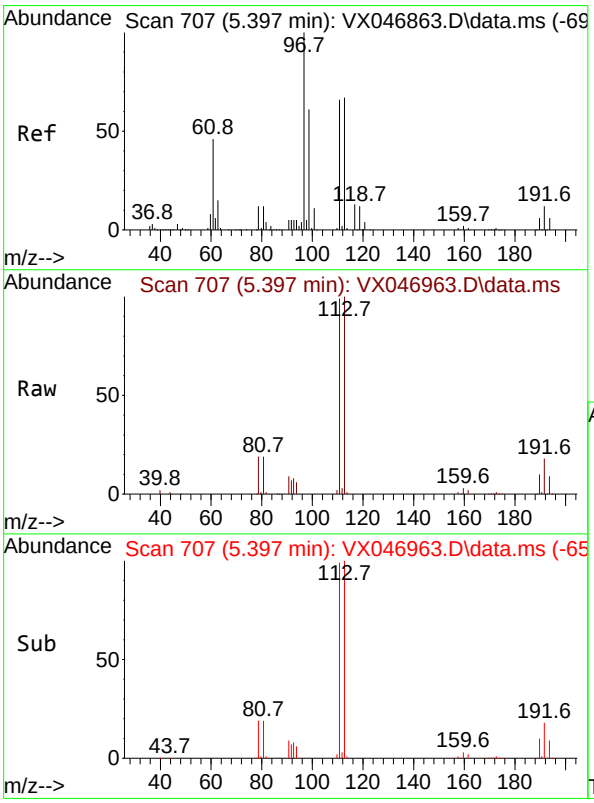
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Tgt Ion:114 Resp: 558126

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.4
88	15.7	0.0	31.0

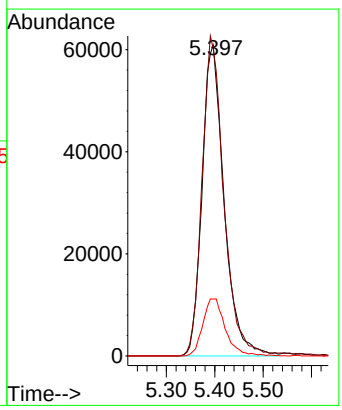


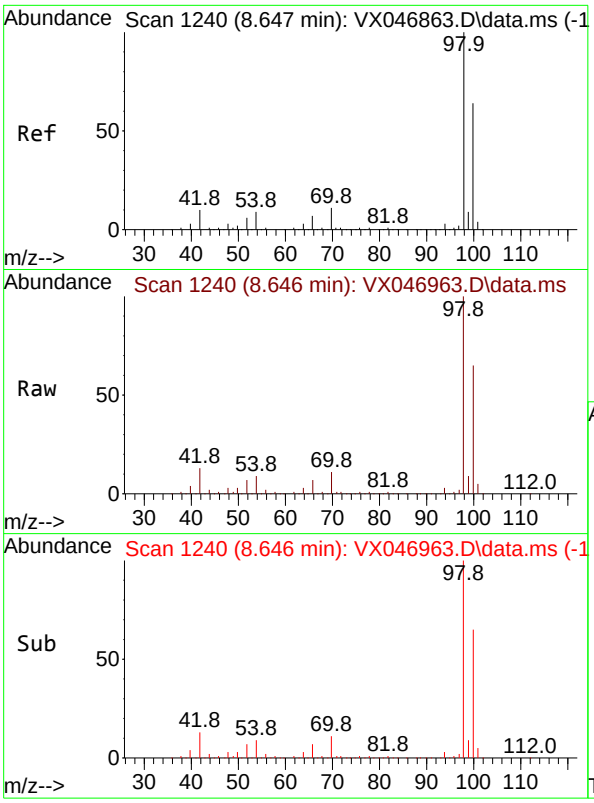


#35
Dibromofluoromethane
Concen: 50.878 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion:113 Resp: 192755

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	18.7	15.3	22.9



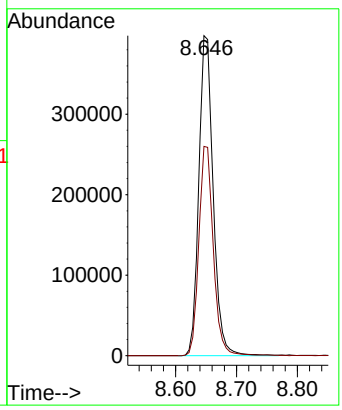


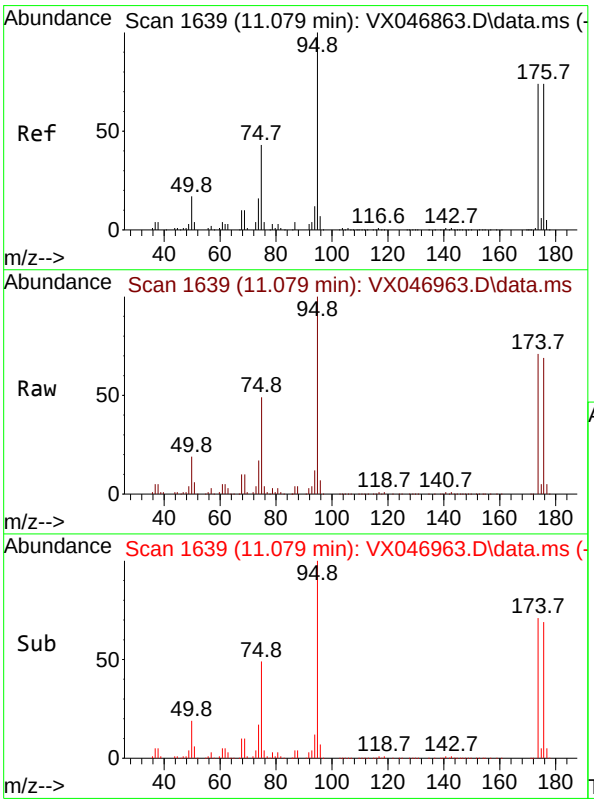
#50
Toluene-d8
Concen: 48.697 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Tgt Ion: 98 Resp: 650923

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6

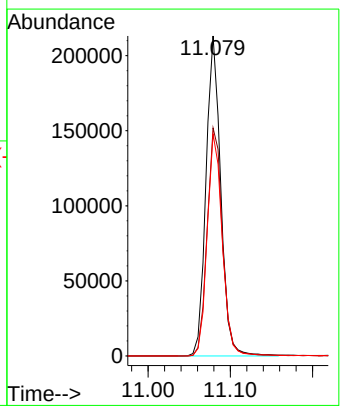


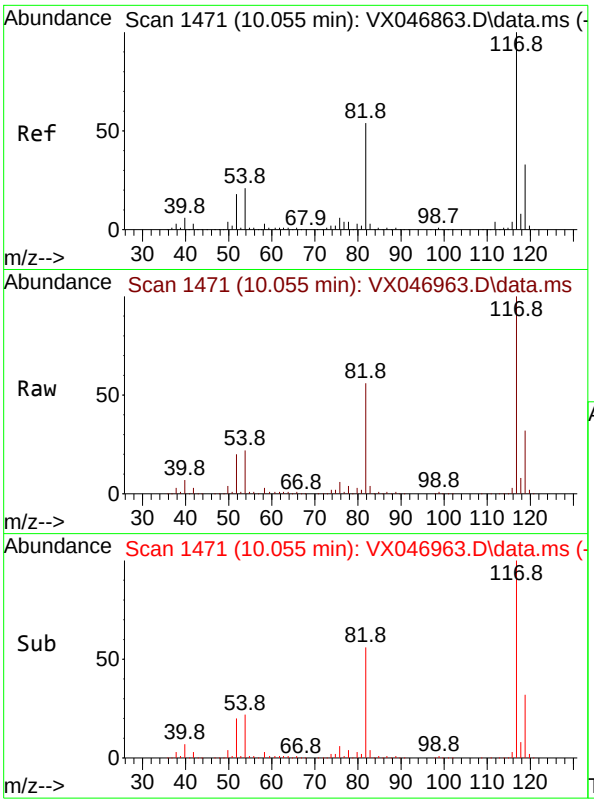


#62
4-Bromofluorobenzene
Concen: 52.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 95 Resp: 265134

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	152.0
176	71.2	0.0	145.2



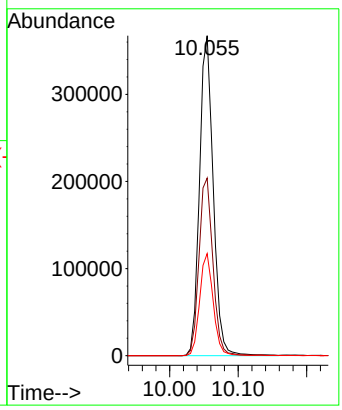


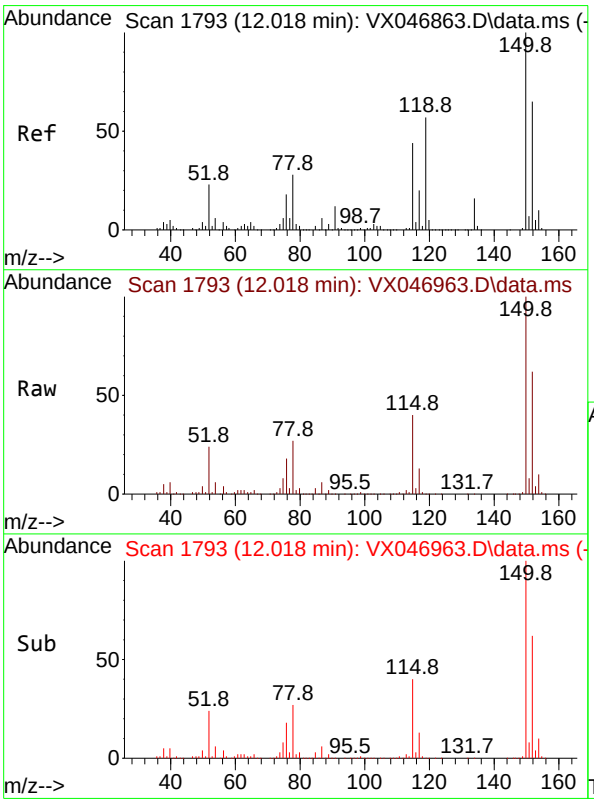
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Tgt Ion:117 Resp: 513014

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.3	64.9
119	31.9	26.4	39.6

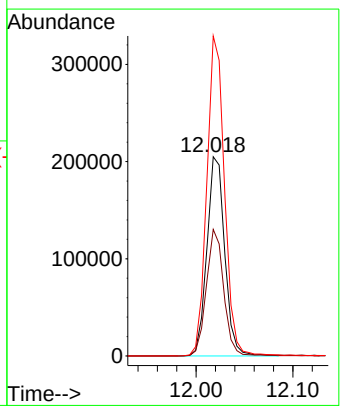




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion:152 Resp: 263407

Ion	Ratio	Lower	Upper
152	100		
115	62.3	42.4	127.1
150	159.5	0.0	349.2



Raw Data: **VX046990.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0715WBL01	SDG No.:	Q2579
Lab Sample ID:	VX0715WBL01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046990.D	1	07/15/25 11:00	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0010	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0010	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.0050	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0010	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0010	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0010	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0010	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0010	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	334000	5.562			
540-36-3	1,4-Difluorobenzene	565000	6.769			
3114-55-4	Chlorobenzene-d5	511000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	265000	12.018			

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\VX071525\
Data File : VX046990.D
Acq On : 15 Jul 2025 11:00
Operator : JC/MD
Sample : VX0715WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Quant Time: Jul 16 02:21:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	334020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	510782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	265478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230225	52.173	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.340%			
35) Dibromofluoromethane	5.397	113	188128	49.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.140%			
50) Toluene-d8	8.653	98	652531	48.240	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.480%			
62) 4-Bromofluorobenzene	11.079	95	269032	52.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.660%			
Target Compounds						Qvalue

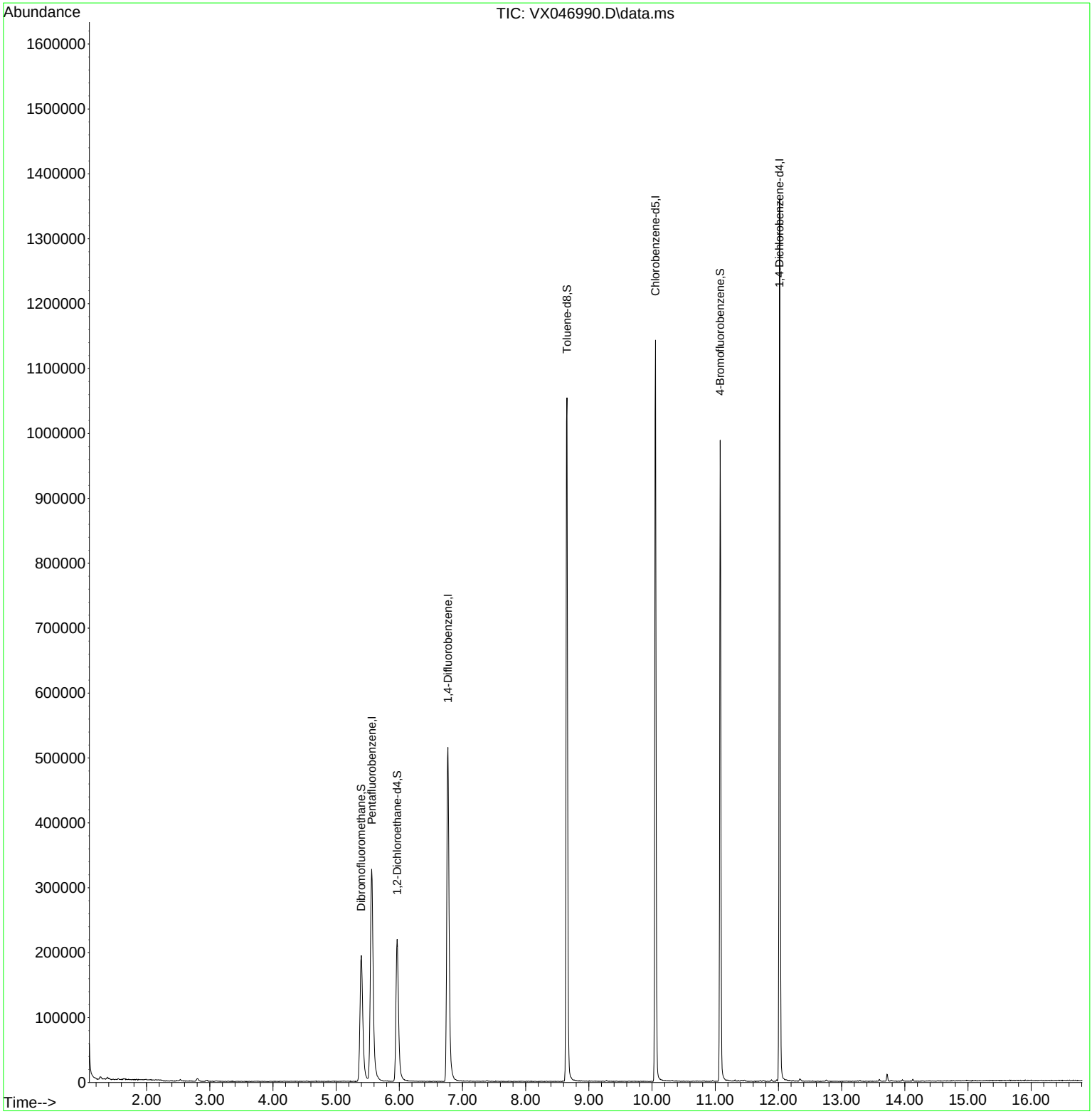
(#) = qualifier out of range (m) = manual integration (+) = signals summed

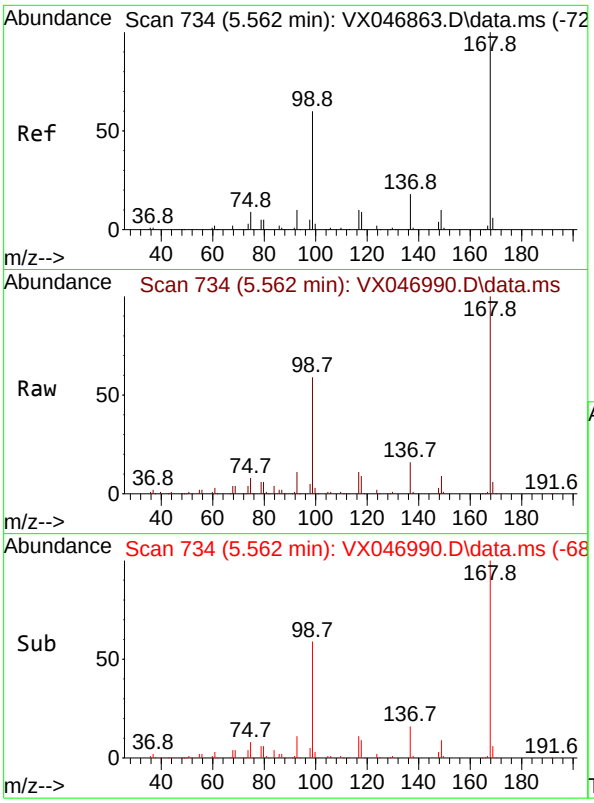
Sample Results: **VX046990.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046990.D
Acq On : 15 Jul 2025 11:00
Operator : JC/MD
Sample : VX0715WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Quant Time: Jul 16 02:21:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



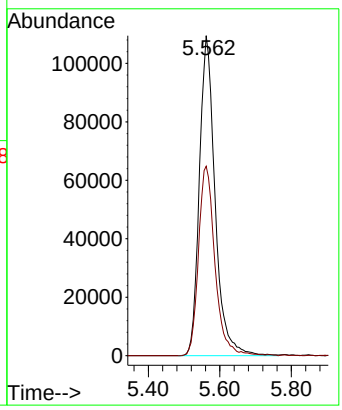


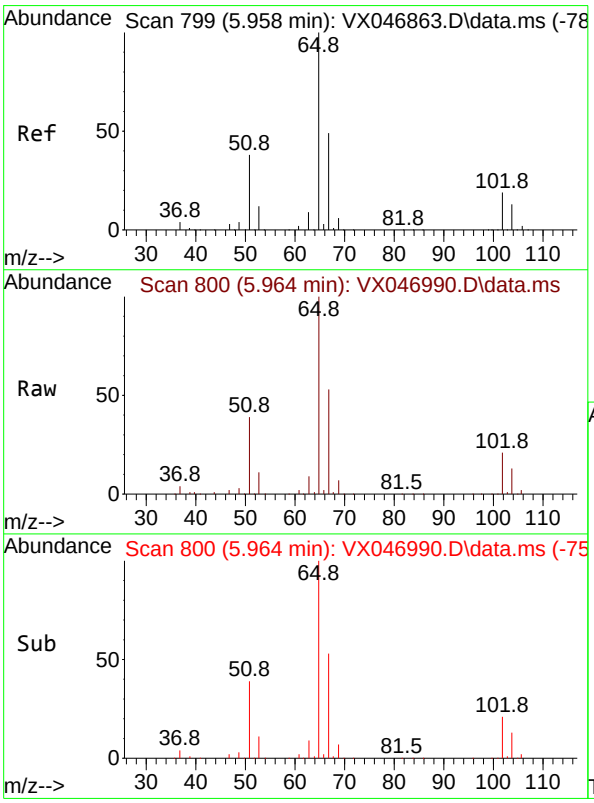
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tgt Ion:168 Resp: 334020

Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.8	73.2

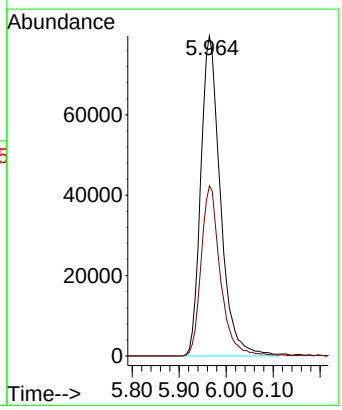


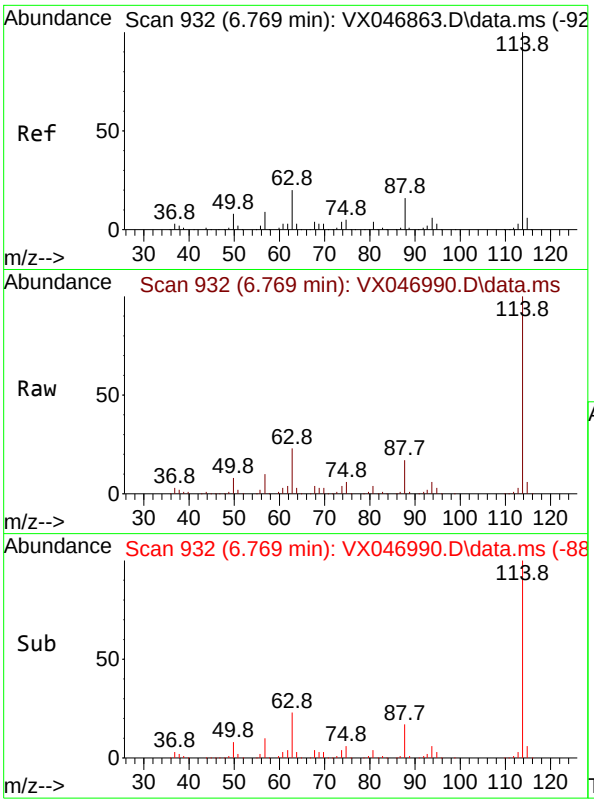


#33
1,2-Dichloroethane-d4
Concen: 52.173 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 65 Resp: 230225

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.2



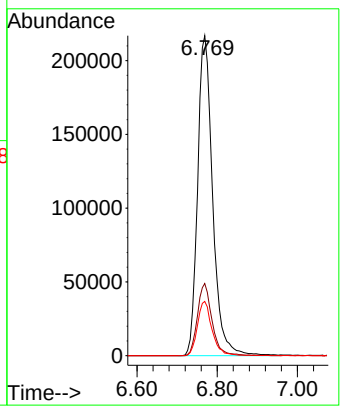


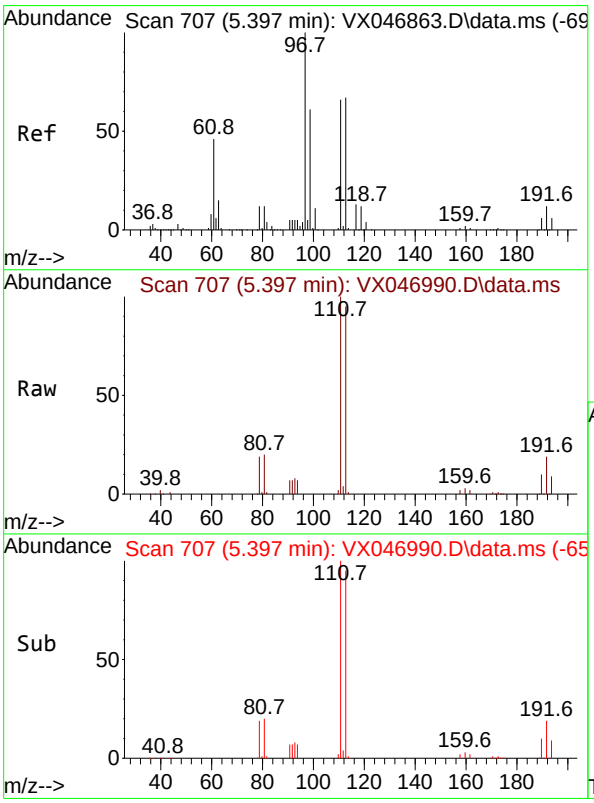
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tgt Ion:114 Resp: 564806

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	40.4
88	17.0	0.0	31.0

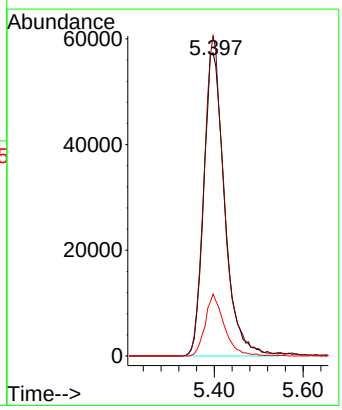


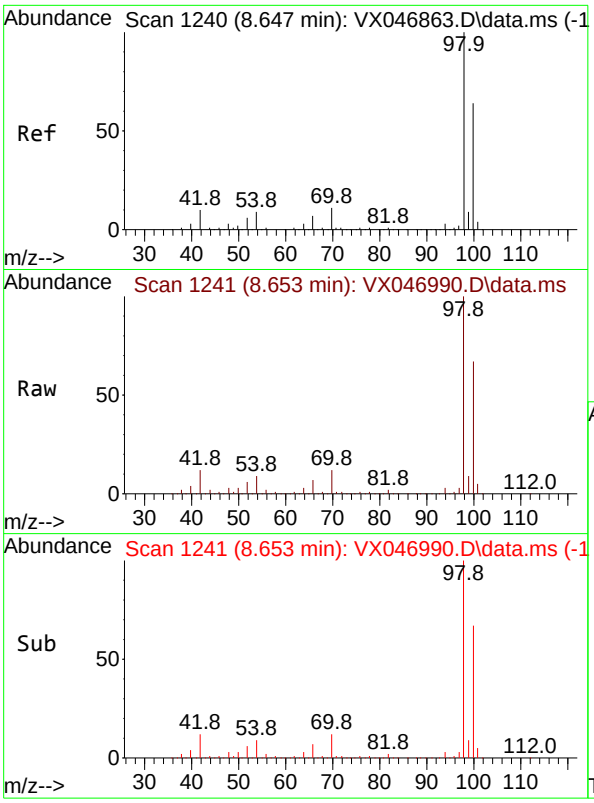


#35
Dibromofluoromethane
Concen: 49.069 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion:113 Resp: 188128

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	18.4	15.3	22.9



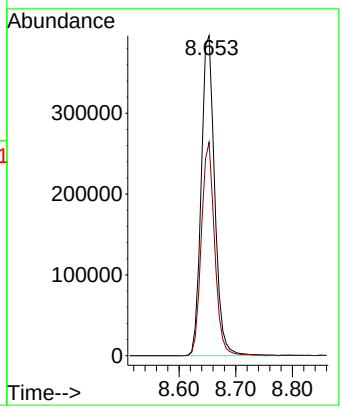


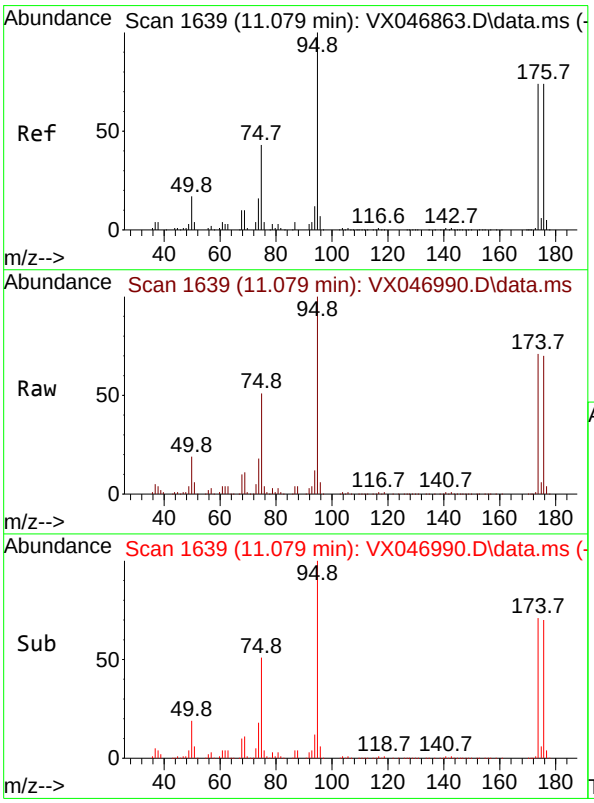
#50
Toluene-d8
Concen: 48.240 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tgt Ion: 98 Resp: 652531

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6

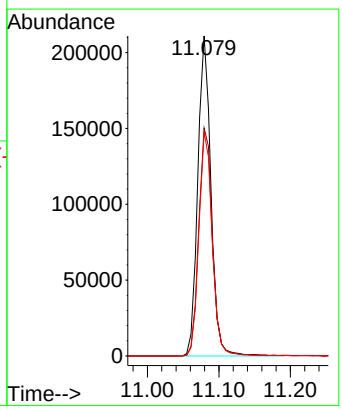


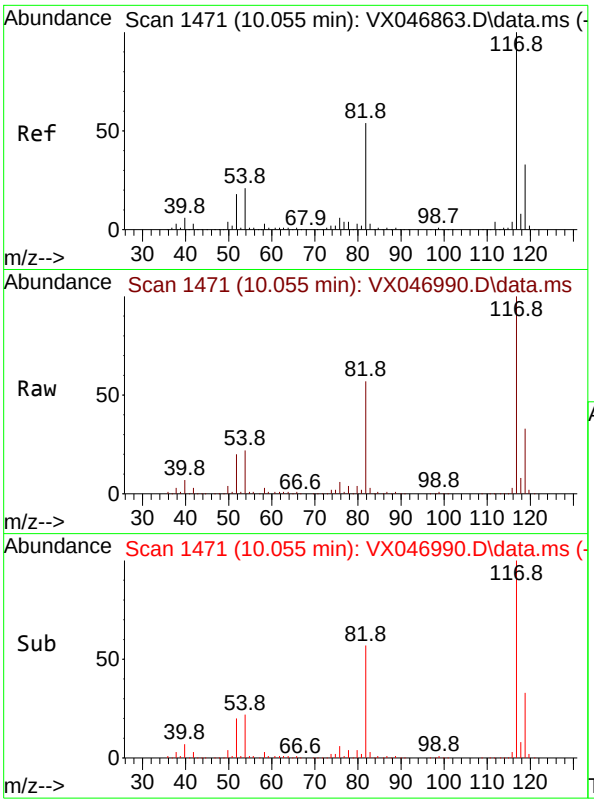


#62
4-Bromofluorobenzene
Concen: 52.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 95 Resp: 269032

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	152.0
176	71.0	0.0	145.2



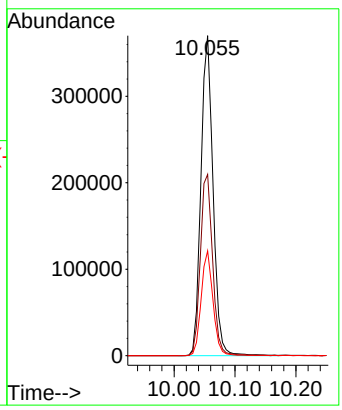


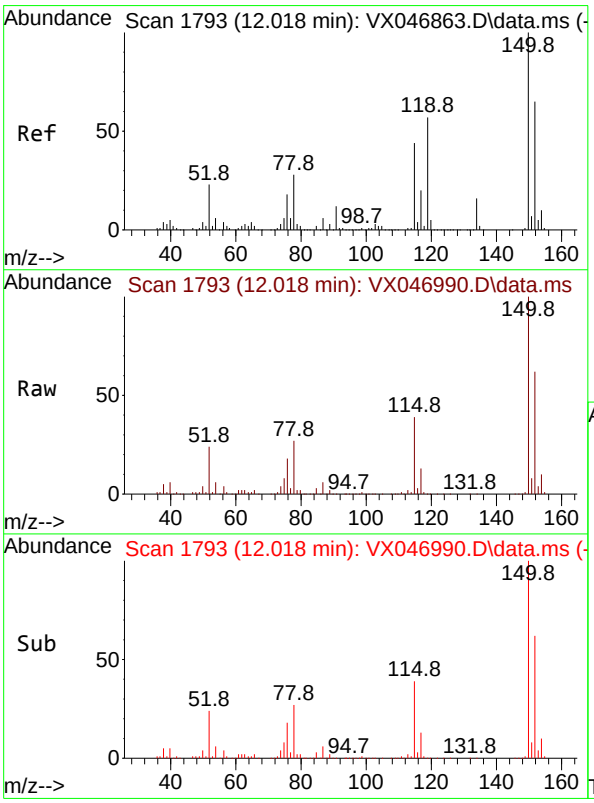
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tgt Ion:117 Resp: 510782

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.3	64.9
119	32.8	26.4	39.6

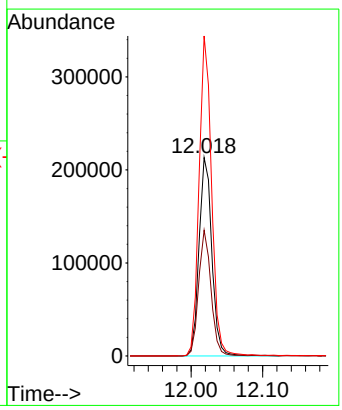




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion:152 Resp: 265478

Ion	Ratio	Lower	Upper
152	100		
115	61.3	42.4	127.1
150	157.2	0.0	349.2



Raw Data: **VX046968.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2579
Lab Sample ID:	VX0714WBS01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.017		0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.017		0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.14		0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.019		0.00025	0.0050	mg/L
67-66-3	Chloroform	0.020		0.00025	0.0050	mg/L
71-43-2	Benzene	0.019		0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.021		0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.019		0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.018		0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.019		0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	52.6		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.568			
540-36-3	1,4-Difluorobenzene	518000	6.769			
3114-55-4	Chlorobenzene-d5	465000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018			

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\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	311322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	518025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	228375	55.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.060%			
35) Dibromofluoromethane	5.397	113	188158	53.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.653	98	652952	52.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	259398	55.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	50576	16.987	ug/l	97
3) Chloromethane	1.307	50	50844	15.630	ug/l	98
4) Vinyl Chloride	1.386	62	61492	17.359	ug/l	95
5) Bromomethane	1.624	94	40526	17.805	ug/l	100
6) Chloroethane	1.703	64	42692	18.251	ug/l	99
7) Trichlorofluoromethane	1.904	101	99192	18.109	ug/l	98
8) Diethyl Ether	2.148	74	38659	19.833	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	65459	18.755	ug/l	98
10) Methyl Iodide	2.465	142	51744	13.608	ug/l	98
11) Tert butyl alcohol	2.959	59	45645	169.217	ug/l	99
12) 1,1-Dichloroethene	2.337	96	57803	17.123	ug/l	99
13) Acrolein	2.252	56	28984	98.971	ug/l	97
14) Allyl chloride	2.678	41	115355	19.193	ug/l	98
15) Acrylonitrile	3.075	53	188770	121.041	ug/l	99
16) Acetone	2.392	43	146236	114.467	ug/l	97
17) Carbon Disulfide	2.526	76	126416	14.279	ug/l	99
18) Methyl Acetate	2.715	43	100936	29.975	ug/l	97
19) Methyl tert-butyl Ether	3.130	73	216994	22.762	ug/l	96
20) Methylene Chloride	2.806	84	73334	19.412	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	64505	18.673	ug/l	91
22) Diisopropyl ether	3.776	45	245180	21.115	ug/l	96
23) Vinyl Acetate	3.733	43	943078	108.410	ug/l	99
24) 1,1-Dichloroethane	3.623	63	130299	19.676	ug/l	99
25) 2-Butanone	4.568	43	230434	135.193	ug/l	98
26) 2,2-Dichloropropane	4.489	77	95953	19.469	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	81572	19.341	ug/l	98
28) Bromochloromethane	4.910	49	68222	20.874	ug/l	98
29) Tetrahydrofuran	5.013	42	145842	134.226	ug/l	99
30) Chloroform	5.111	83	134497	19.880	ug/l	97
31) Cyclohexane	5.489	56	110365	18.773	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	112549	19.912	ug/l	99
36) 1,1-Dichloropropene	5.708	75	86578	18.249	ug/l	98
37) Ethyl Acetate	4.727	43	88069	21.795	ug/l	96
38) Carbon Tetrachloride	5.690	117	94543	18.849	ug/l	96
39) Methylcyclohexane	7.385	83	104699	17.642	ug/l	96
40) Benzene	6.050	78	275003	19.164	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	54131	25.112	ug/l		96
42) 1,2-Dichloroethane	6.099	62	99664	20.453	ug/l		98
43) Isopropyl Acetate	6.348	43	155021	25.047	ug/l		99
44) Trichloroethene	7.135	130	69201	18.525	ug/l		99
45) 1,2-Dichloropropane	7.434	63	71878	19.825	ug/l		97
46) Dibromomethane	7.586	93	50203	19.985	ug/l		98
47) Bromodichloromethane	7.824	83	102745	19.155	ug/l		97
48) Methyl methacrylate	7.702	41	78422	24.539	ug/l		97
49) 1,4-Dioxane	7.665	88	22981	620.603	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	497521	136.204	ug/l		99
52) Toluene	8.720	92	174835	19.661	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	94271	19.694	ug/l		98
54) cis-1,3-Dichloropropene	8.373	75	107227	19.625	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	71161	21.485	ug/l		98
56) Ethyl methacrylate	9.116	69	108310	23.626	ug/l		97
57) 1,3-Dichloropropane	9.311	76	118416	20.763	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	286969	111.099	ug/l		100
59) 2-Hexanone	9.433	43	344106	142.023	ug/l		100
60) Dibromochloromethane	9.525	129	76497	19.299	ug/l		98
61) 1,2-Dibromoethane	9.610	107	68692	20.650	ug/l		100
64) Tetrachloroethene	9.275	164	56970	18.392	ug/l		97
65) Chlorobenzene	10.080	112	194907	19.377	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67124	19.852	ug/l		98
67) Ethyl Benzene	10.195	91	336342	19.526	ug/l		97
68) m/p-Xylenes	10.299	106	259177	39.930	ug/l		100
69) o-Xylene	10.640	106	126691	20.206	ug/l		97
70) Styrene	10.653	104	218738	20.391	ug/l		99
71) Bromoform	10.799	173	50540	20.102	ug/l	#	100
73) Isopropylbenzene	10.964	105	334801	19.731	ug/l		99
74) N-amyl acetate	10.842	43	138470	24.014	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	105297	22.567	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	82806m	22.202	ug/l		
77) Bromobenzene	11.195	156	80762	19.108	ug/l		96
78) n-propylbenzene	11.305	91	395854	19.347	ug/l		100
79) 2-Chlorotoluene	11.360	91	237047	19.621	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	278151	20.174	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27676	19.913	ug/l		94
82) 4-Chlorotoluene	11.451	91	280145	20.094	ug/l		100
83) tert-Butylbenzene	11.713	119	281349	19.757	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	278436	19.979	ug/l		95
85) sec-Butylbenzene	11.890	105	356721	19.868	ug/l		99
86) p-Isopropyltoluene	12.006	119	297713	19.801	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	155791	19.709	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	155145	18.858	ug/l		98
89) n-Butylbenzene	12.329	91	275787	19.521	ug/l		99
90) Hexachloroethane	12.536	117	47178	17.700	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	150672	19.670	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20215	24.771	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	99618	19.143	ug/l		98
94) Hexachlorobutadiene	13.725	225	37048	18.878	ug/l		99
95) Naphthalene	13.774	128	317265	23.136	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	98213	19.974	ug/l		98

Sample Results: **VX046968.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

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

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

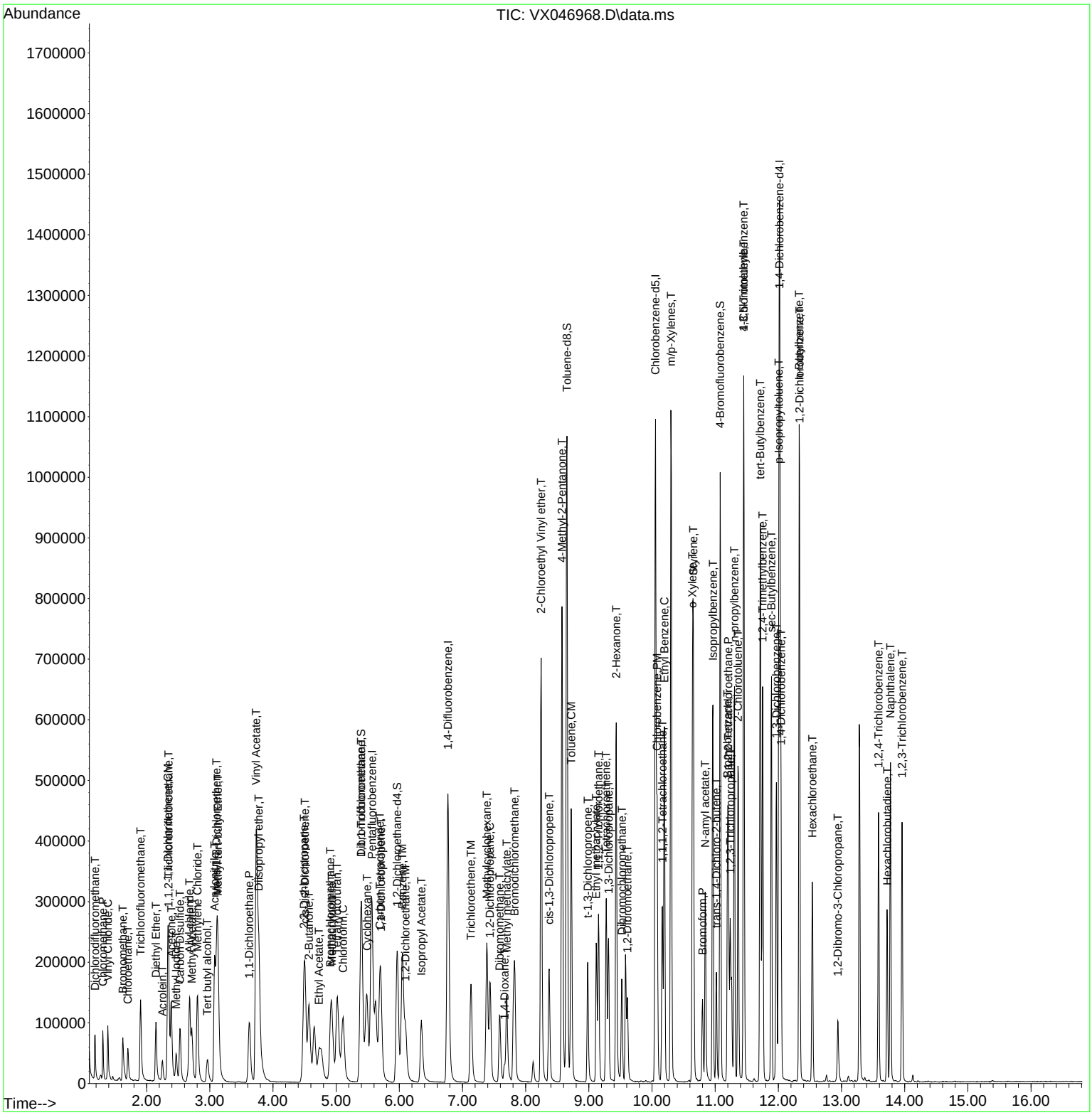
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



Raw Data: **VX046991.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0715WBS01	SDG No.:	Q2579
Lab Sample ID:	VX0715WBS01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046991.D	1	07/15/25 11:21	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.017		0.00026	0.0010	mg/L
75-35-4	1,1-Dichloroethene	0.018		0.00023	0.0010	mg/L
78-93-3	2-Butanone	0.13		0.00098	0.0050	mg/L
56-23-5	Carbon Tetrachloride	0.019		0.00025	0.0010	mg/L
67-66-3	Chloroform	0.020		0.00025	0.0010	mg/L
71-43-2	Benzene	0.019		0.00015	0.0010	mg/L
107-06-2	1,2-Dichloroethane	0.020		0.00022	0.0010	mg/L
79-01-6	Trichloroethene	0.019		0.000090	0.0010	mg/L
127-18-4	Tetrachloroethene	0.018		0.00023	0.0010	mg/L
108-90-7	Chlorobenzene	0.019		0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.9		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	318000	5.562			
540-36-3	1,4-Difluorobenzene	538000	6.769			
3114-55-4	Chlorobenzene-d5	483000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	242000	12.018			

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\VX071525\
Data File : VX046991.D
Acq On : 15 Jul 2025 11:21
Operator : JC/MD
Sample : VX0715WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 02:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	318386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	538385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	214282	50.944	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%			
35) Dibromofluoromethane	5.397	113	176383	48.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	8.653	98	611065	47.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.780%			
62) 4-Bromofluorobenzene	11.079	95	243638	49.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	52331	17.186	ug/l	99
3) Chloromethane	1.307	50	54843	16.485	ug/l	97
4) Vinyl Chloride	1.386	62	62563	17.269	ug/l	97
5) Bromomethane	1.624	94	42419	18.223	ug/l	95
6) Chloroethane	1.703	64	45148	18.873	ug/l	98
7) Trichlorofluoromethane	1.904	101	104427	18.642	ug/l	96
8) Diethyl Ether	2.148	74	38598	19.362	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	67984	19.046	ug/l	99
10) Methyl Iodide	2.471	142	60446	15.544	ug/l	99
11) Tert butyl alcohol	2.959	59	42789	155.109	ug/l	100
12) 1,1-Dichloroethene	2.337	96	63536	18.403	ug/l	97
13) Acrolein	2.252	56	23901	80.353	ug/l	100
14) Allyl chloride	2.678	41	120571	19.616	ug/l	98
15) Acrylonitrile	3.075	53	185469	116.286	ug/l	98
16) Acetone	2.386	43	143863	110.111	ug/l	98
17) Carbon Disulfide	2.526	76	135364	14.951	ug/l	99
18) Methyl Acetate	2.715	43	97259	28.243	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	217712	22.331	ug/l	96
20) Methylene Chloride	2.806	84	75703	19.595	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	65167	18.446	ug/l	97
22) Diisopropyl ether	3.770	45	254971	21.471	ug/l	90
23) Vinyl Acetate	3.733	43	961308	108.054	ug/l	100
24) 1,1-Dichloroethane	3.623	63	133568	19.722	ug/l	98
25) 2-Butanone	4.568	43	219889	126.144	ug/l	99
26) 2,2-Dichloropropane	4.489	77	100744	19.988	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	83334	19.320	ug/l	98
28) Bromochloromethane	4.910	49	72928	21.819	ug/l	97
29) Tetrahydrofuran	5.013	42	140700	126.621	ug/l	99
30) Chloroform	5.105	83	139783	20.203	ug/l	98
31) Cyclohexane	5.483	56	112781	18.758	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	116800	20.206	ug/l	99
36) 1,1-Dichloropropene	5.708	75	88347	17.917	ug/l	99
37) Ethyl Acetate	4.727	43	88119	20.982	ug/l	98
38) Carbon Tetrachloride	5.684	117	99504	19.088	ug/l	94
39) Methylcyclohexane	7.385	83	107927	17.498	ug/l	96
40) Benzene	6.050	78	281105	18.848	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046991.D
Acq On : 15 Jul 2025 11:21
Operator : JC/MD
Sample : VX0715WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 02:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	53757	23.996	ug/l		97
42) 1,2-Dichloroethane	6.092	62	102583	20.256	ug/l		97
43) Isopropyl Acetate	6.348	43	151993	23.629	ug/l		99
44) Trichloroethene	7.135	130	72262	18.613	ug/l		95
45) 1,2-Dichloropropane	7.440	63	74231	19.700	ug/l		98
46) Dibromomethane	7.586	93	51416	19.694	ug/l		98
47) Bromodichloromethane	7.824	83	108567	19.475	ug/l		99
48) Methyl methacrylate	7.696	41	78461	23.623	ug/l		97
49) 1,4-Dioxane	7.665	88	21171	550.103	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	481955	126.952	ug/l		98
52) Toluene	8.720	92	177851	19.244	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	99577	20.015	ug/l		100
54) cis-1,3-Dichloropropene	8.372	75	112508	19.812	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	71270	20.704	ug/l		97
56) Ethyl methacrylate	9.116	69	108218	22.714	ug/l		97
57) 1,3-Dichloropropane	9.311	76	121848	20.557	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	283468	105.593	ug/l		100
59) 2-Hexanone	9.433	43	329141	130.710	ug/l		99
60) Dibromochloromethane	9.525	129	80824	19.619	ug/l		98
61) 1,2-Dibromoethane	9.610	107	70193	20.304	ug/l		100
64) Tetrachloroethene	9.275	164	57549	17.911	ug/l		97
65) Chlorobenzene	10.079	112	199845	19.154	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69506	19.817	ug/l		99
67) Ethyl Benzene	10.195	91	348093	19.482	ug/l		100
68) m/p-Xylenes	10.299	106	259917	38.604	ug/l		99
69) o-Xylene	10.640	106	126534	19.456	ug/l		100
70) Styrene	10.653	104	222942	20.036	ug/l		99
71) Bromoform	10.799	173	52281	20.047	ug/l	#	99
73) Isopropylbenzene	10.963	105	340605	20.055	ug/l		99
74) N-amyl acetate	10.842	43	136183	23.597	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	105389	22.567	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	82250m	22.033	ug/l		
77) Bromobenzene	11.195	156	82871	19.589	ug/l		97
78) n-propylbenzene	11.305	91	402900	19.674	ug/l		100
79) 2-Chlorotoluene	11.360	91	240356	19.877	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	282909	20.501	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28858	20.745	ug/l		96
82) 4-Chlorotoluene	11.451	91	285375	20.451	ug/l		100
83) tert-Butylbenzene	11.713	119	284229	19.942	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	284818	20.419	ug/l		96
85) sec-Butylbenzene	11.890	105	358352	19.941	ug/l		100
86) p-Isopropyltoluene	12.006	119	299426	19.897	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	156473	19.777	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	157348	19.109	ug/l		99
89) n-Butylbenzene	12.329	91	275527	19.486	ug/l		100
90) Hexachloroethane	12.536	117	49615	18.598	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	155199	20.243	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19383	23.730	ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	101657	19.517	ug/l		100
94) Hexachlorobutadiene	13.719	225	34779	17.706	ug/l		98
95) Naphthalene	13.774	128	310850	22.648	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	98920	20.100	ug/l		99

Sample Results: **VX046991.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046991.D
Acq On : 15 Jul 2025 11:21
Operator : JC/MD
Sample : VX0715WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

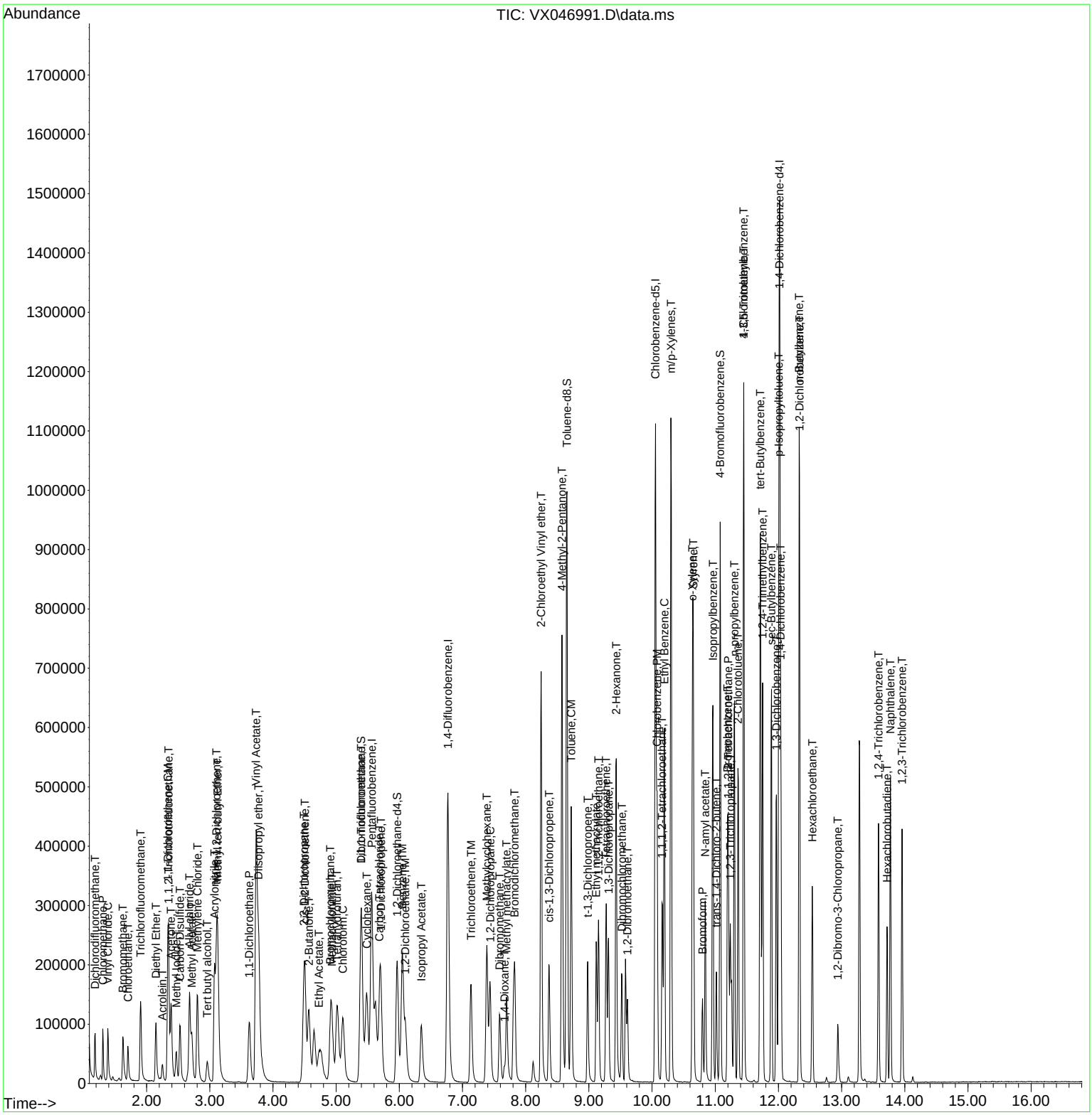
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046991.D
Acq On : 15 Jul 2025 11:21
Operator : JC/MD
Sample : VX0715WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 02:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



Raw Data: **VX046969.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0714WBSD01	SDG No.:	Q2579
Lab Sample ID:	VX0714WBSD01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046969.D	1	07/14/25 13:37	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.017		0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.018		0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.14		0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.019		0.00025	0.0050	mg/L
67-66-3	Chloroform	0.020		0.00025	0.0050	mg/L
71-43-2	Benzene	0.019		0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.021		0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.018		0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.019		0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.019		0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.5		70 (74) - 130 (125)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	52.5		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.8		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	296000	5.562			
540-36-3	1,4-Difluorobenzene	497000	6.769			
3114-55-4	Chlorobenzene-d5	449000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	230000	12.018			

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\VX071425\
Data File : VX046969.D
Acq On : 14 Jul 2025 13:37
Operator : JC/MD
Sample : VX0714WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 15 01:19:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	295675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	497201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	230311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	224521	57.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.960%			
35) Dibromofluoromethane	5.397	113	183645	54.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	8.652	98	624707	52.462	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.079	95	248076	54.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	48505	17.153	ug/l	97
3) Chloromethane	1.306	50	50326	16.290	ug/l	100
4) Vinyl Chloride	1.386	62	57046	16.956	ug/l	94
5) Bromomethane	1.623	94	39127	18.100	ug/l	96
6) Chloroethane	1.703	64	40662	18.303	ug/l	98
7) Trichlorofluoromethane	1.904	101	93710	18.014	ug/l	100
8) Diethyl Ether	2.148	74	37702	20.366	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	62372	18.816	ug/l	98
10) Methyl Iodide	2.465	142	49515	13.711	ug/l	97
11) Tert butyl alcohol	2.958	59	47121	183.933	ug/l	98
12) 1,1-Dichloroethene	2.330	96	58706	18.310	ug/l	95
13) Acrolein	2.251	56	27950	100.448	ug/l	97
14) Allyl chloride	2.678	41	112548	19.717	ug/l	98
15) Acrylonitrile	3.074	53	186291	125.773	ug/l	100
16) Acetone	2.385	43	146554	120.786	ug/l	98
17) Carbon Disulfide	2.526	76	125778	14.959	ug/l	100
18) Methyl Acetate	2.715	43	102566	32.071	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	215702	23.824	ug/l	100
20) Methylene Chloride	2.800	84	71941	20.051	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	61076	18.616	ug/l	95
22) Diisopropyl ether	3.769	45	241944	21.939	ug/l	91
23) Vinyl Acetate	3.733	43	931265	112.717	ug/l	99
24) 1,1-Dichloroethane	3.623	63	127592	20.287	ug/l	98
25) 2-Butanone	4.562	43	232666	143.726	ug/l	96
26) 2,2-Dichloropropane	4.489	77	90372	19.307	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	79053	19.736	ug/l	98
28) Bromochloromethane	4.909	49	68479	22.061	ug/l	95
29) Tetrahydrofuran	5.013	42	149688	145.056	ug/l	98
30) Chloroform	5.104	83	131171	20.414	ug/l	94
31) Cyclohexane	5.476	56	105401	18.877	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	108024	20.123	ug/l	99
36) 1,1-Dichloropropene	5.702	75	84484	18.553	ug/l	99
37) Ethyl Acetate	4.726	43	91310	23.543	ug/l	98
38) Carbon Tetrachloride	5.684	117	90623	18.824	ug/l	98
39) Methylcyclohexane	7.384	83	98914	17.365	ug/l	96
40) Benzene	6.043	78	263863	19.158	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046969.D
Acq On : 14 Jul 2025 13:37
Operator : JC/MD
Sample : VX0714WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 15 01:19:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	52160	25.211	ug/l		97
42) 1,2-Dichloroethane	6.092	62	96813	20.700	ug/l		99
43) Isopropyl Acetate	6.342	43	150042	25.257	ug/l		100
44) Trichloroethene	7.134	130	65792	18.350	ug/l		97
45) 1,2-Dichloropropane	7.433	63	68670	19.734	ug/l		99
46) Dibromomethane	7.586	93	50819	21.078	ug/l		97
47) Bromodichloromethane	7.823	83	100458	19.513	ug/l		96
48) Methyl methacrylate	7.695	41	77377	25.226	ug/l		97
49) 1,4-Dioxane	7.659	88	22507	633.259	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	488255	139.265	ug/l		100
52) Toluene	8.720	92	165805	19.427	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	92562	20.146	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	104406	19.909	ug/l		92
55) 1,1,2-Trichloroethane	9.152	97	68264	21.473	ug/l		97
56) Ethyl methacrylate	9.116	69	105841	24.055	ug/l		98
57) 1,3-Dichloropropane	9.305	76	115801	21.155	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	283693	114.431	ug/l		99
59) 2-Hexanone	9.427	43	344297	148.054	ug/l		98
60) Dibromochloromethane	9.518	129	75050	19.727	ug/l		100
61) 1,2-Dibromoethane	9.610	107	70266	22.008	ug/l		98
64) Tetrachloroethene	9.274	164	56136	18.759	ug/l		93
65) Chlorobenzene	10.079	112	186916	19.235	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.164	131	63865	19.551	ug/l		98
67) Ethyl Benzene	10.195	91	322526	19.381	ug/l		98
68) m/p-Xylenes	10.299	106	244155	38.935	ug/l		98
69) o-Xylene	10.640	106	120679	19.923	ug/l		98
70) Styrene	10.652	104	209764	20.241	ug/l		99
71) Bromoform	10.798	173	50569	20.820	ug/l	#	97
73) Isopropylbenzene	10.963	105	318940	19.700	ug/l		100
74) N-amyl acetate	10.841	43	135246	24.583	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	102554	23.036	ug/l		98
76) 1,2,3-Trichloropropane	11.237	75	82580m	23.206	ug/l		
77) Bromobenzene	11.195	156	77814	19.296	ug/l		98
78) n-propylbenzene	11.304	91	376536	19.288	ug/l		99
79) 2-Chlorotoluene	11.359	91	227650	19.749	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	263329	20.017	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27621	20.828	ug/l		94
82) 4-Chlorotoluene	11.451	91	266235	20.014	ug/l		100
83) tert-Butylbenzene	11.713	119	266820	19.638	ug/l		97
84) 1,2,4-Trimethylbenzene	11.749	105	267546	20.121	ug/l		96
85) sec-Butylbenzene	11.890	105	336449	19.640	ug/l		100
86) p-Isopropyltoluene	12.006	119	283025	19.729	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	152109	20.168	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	152597	19.441	ug/l		99
89) n-Butylbenzene	12.329	91	260868	19.353	ug/l		100
90) Hexachloroethane	12.536	117	44903	17.656	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	144547	19.777	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19391	24.903	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	97479	19.632	ug/l		99
94) Hexachlorobutadiene	13.725	225	37100	19.813	ug/l		99
95) Naphthalene	13.774	128	308881	23.608	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	95755	20.410	ug/l		97

Sample Results: **VX046969.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046969.D
Acq On : 14 Jul 2025 13:37
Operator : JC/MD
Sample : VX0714WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:19:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

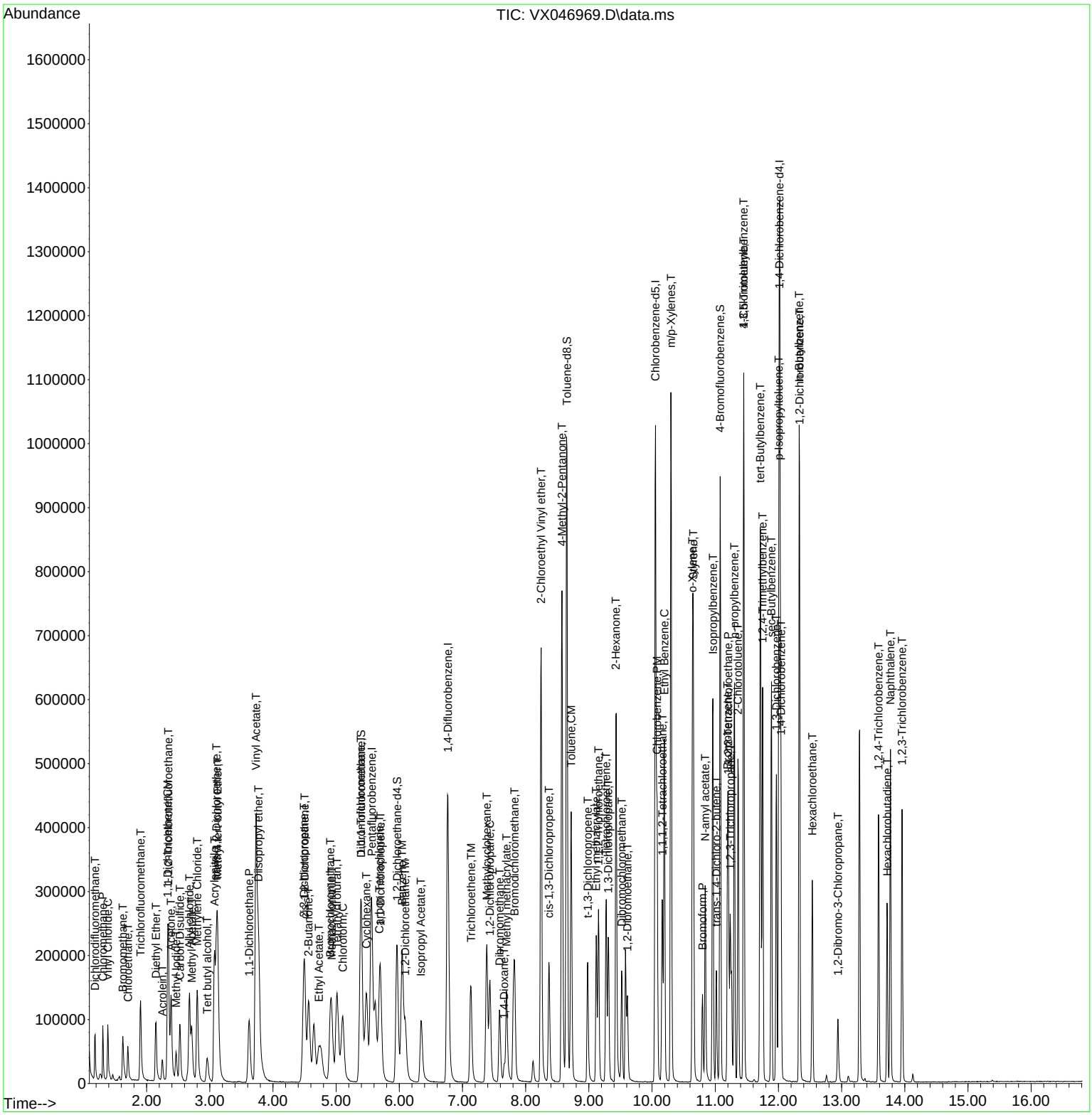
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046969.D
Acq On : 14 Jul 2025 13:37
Operator : JC/MD
Sample : VX0714WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 15 01:19:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



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

Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX046867.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:17 AM	MMDadoda	7/3/2025 3:09:53 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX071425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046961.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:53:58 AM	SAM	7/15/2025 4:55:11 AM	Peak Integrated by Software
VX0714WBS01	VX046968.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:54:03 AM	SAM	7/15/2025 4:55:18 AM	Peak Integrated by Software
VX0714WBSD01	VX046969.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:54:05 AM	SAM	7/15/2025 4:55:20 AM	Peak Integrated by Software
Q2579-01	VX046981.D	Dibromofluoromethane	MMDadoda	7/15/2025 4:54:10 AM	SAM	7/15/2025 4:55:25 AM	Peak Integrated by Software
VSTDCCC050	VX046986.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:54:13 AM	SAM	7/15/2025 4:55:26 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX071525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046988.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:45:14 AM			Peak Integrated by Software
VX0715WBS01	VX046991.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:45:19 AM			Peak Integrated by Software
Q2579-01RE	VX046998.D	Dibromofluoromethane	JOHN	7/16/2025 8:45:31 AM			Peak Integrated by Software
Q2579-05RE	VX046999.D	Dibromofluoromethane	JOHN	7/16/2025 8:45:36 AM			Peak Integrated by Software
VSTDCCC050	VX047014.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:46:31 AM			Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDICC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDICC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDICC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDICC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDICC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046960.D	14 Jul 2025 08:10	JC/MD	Ok
2	VSTDCCC050	VX046961.D	14 Jul 2025 09:16	JC/MD	Ok,M
3	VX0714MBL01	VX046962.D	14 Jul 2025 10:54	JC/MD	Ok
4	VX0714WBL01	VX046963.D	14 Jul 2025 11:18	JC/MD	Ok
5	VX0714MBS01	VX046964.D	14 Jul 2025 11:39	JC/MD	Ok,M
6	VX0714MBSD01	VX046965.D	14 Jul 2025 12:06	JC/MD	Ok,M
7	Q2480-04ME	VX046966.D	14 Jul 2025 12:27	JC/MD	Ok
8	Q2480-02ME	VX046967.D	14 Jul 2025 12:49	JC/MD	Ok,M
9	VX0714WBS01	VX046968.D	14 Jul 2025 13:10	JC/MD	Ok,M
10	VX0714WBSD01	VX046969.D	14 Jul 2025 13:37	JC/MD	Ok,M
11	Q2523-01	VX046970.D	14 Jul 2025 13:58	JC/MD	Not Ok
12	Q2526-02	VX046971.D	14 Jul 2025 14:19	JC/MD	Ok
13	Q2565-03	VX046972.D	14 Jul 2025 14:41	JC/MD	Ok
14	Q2565-04	VX046973.D	14 Jul 2025 15:02	JC/MD	Ok,M
15	Q2565-05	VX046974.D	14 Jul 2025 15:23	JC/MD	Not Ok
16	IBLK	VX046975.D	14 Jul 2025 15:45	JC/MD	Ok
17	Q2578-01	VX046976.D	14 Jul 2025 16:06	JC/MD	ReRun
18	Q2578-05	VX046977.D	14 Jul 2025 16:28	JC/MD	ReRun
19	Q2578-09	VX046978.D	14 Jul 2025 16:49	JC/MD	ReRun
20	Q2578-13	VX046979.D	14 Jul 2025 17:10	JC/MD	ReRun
21	Q2578-17	VX046980.D	14 Jul 2025 17:31	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2579-01	VX046981.D	14 Jul 2025 17:53	JC/MD	ReRun
23	Q2579-05	VX046982.D	14 Jul 2025 18:14	JC/MD	ReRun
24	IBLK	VX046983.D	14 Jul 2025 18:35	JC/MD	Ok
25	Q2553-05	VX046984.D	14 Jul 2025 18:56	JC/MD	Ok
26	Q2595-01	VX046985.D	14 Jul 2025 19:17	JC/MD	Ok
27	VSTDCCC050	VX046986.D	14 Jul 2025 19:38	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By		Supervise On			
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046987.D	15 Jul 2025 08:29	JC/MD	Ok
2	VSTDCCC050	VX046988.D	15 Jul 2025 10:18	JC/MD	Ok,NS
3	VX0715MBL01	VX046989.D	15 Jul 2025 10:39	JC/MD	Ok
4	VX0715WBL01	VX046990.D	15 Jul 2025 11:00	JC/MD	Ok
5	VX0715WBS01	VX046991.D	15 Jul 2025 11:21	JC/MD	Ok,NS
6	VX0715WBSD01	VX046992.D	15 Jul 2025 11:47	JC/MD	Ok,NS
7	Q2578-01RE	VX046993.D	15 Jul 2025 12:08	JC/MD	Confirms
8	Q2578-05RE	VX046994.D	15 Jul 2025 12:30	JC/MD	Confirms
9	Q2578-09RE	VX046995.D	15 Jul 2025 12:51	JC/MD	Confirms
10	Q2578-13RE	VX046996.D	15 Jul 2025 13:12	JC/MD	Confirms
11	Q2578-17RE	VX046997.D	15 Jul 2025 13:33	JC/MD	Confirms
12	Q2579-01RE	VX046998.D	15 Jul 2025 13:54	JC/MD	Confirms
13	Q2579-05RE	VX046999.D	15 Jul 2025 14:16	JC/MD	Confirms
14	Q2565-01	VX047000.D	15 Jul 2025 14:37	JC/MD	Ok
15	Q2602-01	VX047001.D	15 Jul 2025 14:58	JC/MD	ReRun
16	Q2571-04	VX047002.D	15 Jul 2025 15:20	JC/MD	Ok,NS
17	Q2571-08	VX047003.D	15 Jul 2025 15:41	JC/MD	Ok
18	Q2586-04	VX047004.D	15 Jul 2025 16:02	JC/MD	Ok,NS
19	Q2561-07	VX047005.D	15 Jul 2025 16:24	JC/MD	Ok
20	PB168804TB	VX047006.D	15 Jul 2025 16:45	JC/MD	Ok,NS
21	VX0715MBS01	VX047007.D	15 Jul 2025 17:06	JC/MD	Ok,NS

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By		Supervise On			
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX0715MBSD01	VX047008.D	15 Jul 2025 17:27	JC/MD	Ok,NS
23	Q2503-03ME	VX047009.D	15 Jul 2025 17:49	JC/MD	Ok
24	Q2503-04ME	VX047010.D	15 Jul 2025 18:10	JC/MD	Ok
25	Q2600-03	VX047011.D	15 Jul 2025 18:31	JC/MD	Not Ok
26	Q2600-07	VX047012.D	15 Jul 2025 18:52	JC/MD	Not Ok
27	Q2600-11	VX047013.D	15 Jul 2025 19:13	JC/MD	Dilution
28	VSTDCCC050	VX047014.D	15 Jul 2025 19:34	JC/MD	Ok,NS

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
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	VX046960.D	14 Jul 2025 08:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046961.D	14 Jul 2025 09:16	pH#Lot#V12668	JC/MD	Ok,M
3	VX0714MBL01	VX0714MBL01	VX046962.D	14 Jul 2025 10:54		JC/MD	Ok
4	VX0714WBL01	VX0714WBL01	VX046963.D	14 Jul 2025 11:18		JC/MD	Ok
5	VX0714MBS01	VX0714MBS01	VX046964.D	14 Jul 2025 11:39		JC/MD	Ok,M
6	VX0714MBSD01	VX0714MBSD01	VX046965.D	14 Jul 2025 12:06		JC/MD	Ok,M
7	Q2480-04ME	GPX4ME	VX046966.D	14 Jul 2025 12:27		JC/MD	Ok
8	Q2480-02ME	GPX2ME	VX046967.D	14 Jul 2025 12:49		JC/MD	Ok,M
9	VX0714WBS01	VX0714WBS01	VX046968.D	14 Jul 2025 13:10		JC/MD	Ok,M
10	VX0714WBSD01	VX0714WBSD01	VX046969.D	14 Jul 2025 13:37		JC/MD	Ok,M
11	Q2523-01	MOO-25-0190	VX046970.D	14 Jul 2025 13:58	Need Soil Run	JC/MD	Not Ok
12	Q2526-02	LAW-25-0101	VX046971.D	14 Jul 2025 14:19	wipe sample	JC/MD	Ok
13	Q2565-03	MOO-25-0191	VX046972.D	14 Jul 2025 14:41	wipe sample	JC/MD	Ok
14	Q2565-04	MOO-25-0196	VX046973.D	14 Jul 2025 15:02	wipe sample	JC/MD	Ok,M
15	Q2565-05	MOO-25-0180	VX046974.D	14 Jul 2025 15:23	Need Soil Run	JC/MD	Not Ok
16	IBLK	IBLK	VX046975.D	14 Jul 2025 15:45		JC/MD	Ok
17	Q2578-01	WC-A5-01-G	VX046976.D	14 Jul 2025 16:06	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
18	Q2578-05	WC-A2-09-G	VX046977.D	14 Jul 2025 16:28	vial A pH#5.0 Surrogate fail	JC/MD	ReRun

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2578-09	WC-A2-10-G	VX046978.D	14 Jul 2025 16:49	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
20	Q2578-13	WC-A2-11-G	VX046979.D	14 Jul 2025 17:10	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
21	Q2578-17	WC-A2-12-G	VX046980.D	14 Jul 2025 17:31	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
22	Q2579-01	WC-A2-13-G	VX046981.D	14 Jul 2025 17:53	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
23	Q2579-05	WC-A2-14-G	VX046982.D	14 Jul 2025 18:14	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
24	IBLK	IBLK	VX046983.D	14 Jul 2025 18:35		JC/MD	Ok
25	Q2553-05	FB	VX046984.D	14 Jul 2025 18:56	vial B pH<2 FB	JC/MD	Ok
26	Q2595-01	CHRT-24849	VX046985.D	14 Jul 2025 19:17	jelly like sample	JC/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VX046986.D	14 Jul 2025 19:38		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By		Supervise On			
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
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	VX046987.D	15 Jul 2025 08:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046988.D	15 Jul 2025 10:18	CCC fail High com. #25	JC/MD	Ok,NS
3	VX0715MBL01	VX0715MBL01	VX046989.D	15 Jul 2025 10:39		JC/MD	Ok
4	VX0715WBL01	VX0715WBL01	VX046990.D	15 Jul 2025 11:00		JC/MD	Ok
5	VX0715WBS01	VX0715WBS01	VX046991.D	15 Jul 2025 11:21		JC/MD	Ok,NS
6	VX0715WBSD01	VX0715WBSD01	VX046992.D	15 Jul 2025 11:47		JC/MD	Ok,NS
7	Q2578-01RE	WC-A5-01-GRE	VX046993.D	15 Jul 2025 12:08	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
8	Q2578-05RE	WC-A2-09-GRE	VX046994.D	15 Jul 2025 12:30	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
9	Q2578-09RE	WC-A2-10-GRE	VX046995.D	15 Jul 2025 12:51	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
10	Q2578-13RE	WC-A2-11-GRE	VX046996.D	15 Jul 2025 13:12	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
11	Q2578-17RE	WC-A2-12-GRE	VX046997.D	15 Jul 2025 13:33	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
12	Q2579-01RE	WC-A2-13-GRE	VX046998.D	15 Jul 2025 13:54	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
13	Q2579-05RE	WC-A2-14-GRE	VX046999.D	15 Jul 2025 14:16	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
14	Q2565-01	MOO-25-0192-0193	VX047000.D	15 Jul 2025 14:37	vial A pH<2 foamy sample	JC/MD	Ok
15	Q2602-01	FRAC-TANK-266380	VX047001.D	15 Jul 2025 14:58	vial A pH<2 CCC Failed High,BS,BSD Failed High	JC/MD	ReRun
16	Q2571-04	TP-18	VX047002.D	15 Jul 2025 15:20	vial A pH#5.0	JC/MD	Ok,NS
17	Q2571-08	TP-17	VX047003.D	15 Jul 2025 15:41	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By		Supervise On			
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2586-04	TP-16	VX047004.D	15 Jul 2025 16:02	vial A pH#5.0	JC/MD	Ok,NS
19	Q2561-07	AUD-25-0117	VX047005.D	15 Jul 2025 16:24	vial A pH#5.0	JC/MD	Ok
20	PB168804TB	PB168804TB	VX047006.D	15 Jul 2025 16:45		JC/MD	Ok,NS
21	VX0715MBS01	VX0715MBS01	VX047007.D	15 Jul 2025 17:06		JC/MD	Ok,NS
22	VX0715MBSD01	VX0715MBSD01	VX047008.D	15 Jul 2025 17:27		JC/MD	Ok,NS
23	Q2503-03ME	GCAP2ME	VX047009.D	15 Jul 2025 17:49		JC/MD	Ok
24	Q2503-04ME	GCAP3ME	VX047010.D	15 Jul 2025 18:10		JC/MD	Ok
25	Q2600-03	TRENCH	VX047011.D	15 Jul 2025 18:31	Need Soil Run	JC/MD	Not Ok
26	Q2600-07	STOCK-PILE	VX047012.D	15 Jul 2025 18:52	Need Soil Run	JC/MD	Not Ok
27	Q2600-11	END-OF-TRENCH	VX047013.D	15 Jul 2025 19:13	Need 20X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX047014.D	15 Jul 2025 19:34		JC/MD	Ok,NS

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168804

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : ZHE-1

TCLP Filter ID : 50223706

Start Prep Date : 07/11/2025 **Time :** 16:30

End Prep Date : 07/12/2025 **Time :** 10:35

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
40ml VOA Vials	430992	N/A

Extraction Conformance/Non-Conformance Comments:

ALL ZHE samples are extracted and given as vial A & B. Leak checked after 10 minutes of tumbling. TUMBLER ZHE-1 cheked,30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/14/25 09:30	BB ICP Room	S.Y VOC Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168804

Sample ID	ClientID	ZHE Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168804TB	LEB804	12	N/A	500	N/A	N/A	N/A	4.94	N/A	ZHE-2
Q2561-07	AUD-25-0117	01	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2571-04	TP-18	02	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2571-08	TP-17	03	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2578-01	WC-A5-01-G	04	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2578-05	WC-A2-09-G	05	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2578-09	WC-A2-10-G	06	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2578-13	WC-A2-11-G	07	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2578-17	WC-A2-12-G	08	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2579-01	WC-A2-13-G	09	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2579-05	WC-A2-14-G	10	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2586-04	TP-16	11	N/A	500	N/A	N/A	N/A	N/A	N/A	ZHE-2

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB168804

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168804TB	LEB804	N/A	N/A	N/A	N/A	N/A	N/A
Q2561-07	AUD-25-0117	N/A	N/A	N/A	N/A	100	N/A
Q2571-04	TP-18	N/A	N/A	N/A	N/A	100	N/A
Q2571-08	TP-17	N/A	N/A	N/A	N/A	100	N/A
Q2578-01	WC-A5-01-G	N/A	N/A	N/A	N/A	100	N/A
Q2578-05	WC-A2-09-G	N/A	N/A	N/A	N/A	100	N/A
Q2578-09	WC-A2-10-G	N/A	N/A	N/A	N/A	100	N/A
Q2578-13	WC-A2-11-G	N/A	N/A	N/A	N/A	100	N/A
Q2578-17	WC-A2-12-G	N/A	N/A	N/A	N/A	100	N/A
Q2579-01	WC-A2-13-G	N/A	N/A	N/A	N/A	100	N/A
Q2579-05	WC-A2-14-G	N/A	N/A	N/A	N/A	100	N/A
Q2586-04	TP-16	N/A	N/A	N/A	N/A	100	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP ZHE Q2586 **WorkList ID :** 190677 **Department :** TCLP Extraction **Date :** 07-11-2025 13:42:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2561-07	AUD-25-0117	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	O21	07/10/2025	1311 ZHE
Q2571-04	TP-18	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311 ZHE
Q2571-08	TP-17	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	O22	07/10/2025	1311 ZHE
Q2578-01	WC-A5-01-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2578-05	WC-A2-09-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2578-09	WC-A2-10-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2578-13	WC-A2-11-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2578-17	WC-A2-12-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2579-01	WC-A2-13-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2579-05	WC-A2-14-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311 ZHE
Q2586-04	TP-16	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D41	07/11/2025	1311 ZHE

Date/Time 07-11-25 13:50
Raw Sample Received by: JR Wiley
Raw Sample Relinquished by: RM (CSC)

Date/Time 07-11-25 18:00
Raw Sample Received by: RM (CSC)
Raw Sample Relinquished by: JR Wiley

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: Q 2579

COC Number: 2042113

CLIENT INFORMATION

COMPANY: **ENTACT, LLC**
ADDRESS: **150 Bay Street, Suite 806**
CITY: **Jersey City** STATE: **NJ** ZIP: **07302**
ATTENTION: **Austin Farmerie**
PHONE: **412-716-1366** FAX:

PROJECT INFORMATION

PROJECT NAME: **540 Degraw St Brooklyn, NY**
PROJECT #: **E9309** LOCATION: **Brooklyn, NY**
PROJECT MANAGER: Austin Farmerie
E-MAIL: **afarmerie@entact.com**
PHONE: **412-716-1366** FAX:

BILLING INFORMATION

BILL TO: **ENTACT, LLC** PO# **E9309**
ADDRESS: **999 Oakmont Plaza Drive, Suite 300**
CITY: **Westmont** STATE: **IL** ZIP: **60559**
ATTENTION: **Wendy Murray** PHONE: **800-936-8228**

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH *	I/C/R	PCBs	Oil & Grease

* For TCLP pH - include preparatory information for TCLP leachate

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.	WC-A2-13-G	Soil		X	7/10	12:00	1	X									<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
2.	WC-A2-13-C	Soil	X		7/10	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A2-14-G	Soil		X	7/10	12:00	1	X									
4.	WC-A2-14-C	Soil	X		7/10	12:00	11		X	X	X	X	X	X	X	X	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

	DATE/TIME		
RELINQUISHED BY SAMPLER 1. **Austin Farmerie**	7/10/25 1350	RECEIVED BY 1.	1350 7-10-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 7-10-25 1527	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.4°C ☐ Ice in Cooler?:

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

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: Q2579

COC Number: 2042113

CLIENT INFORMATION

COMPANY: **ENTACT, LLC**
ADDRESS: **150 Bay Street, Suite 806**
CITY **Jersey City** STATE: **NJ** ZIP: **07302**
ATTENTION: **Austin Farmerie**
PHONE: **412-716-1366** FAX:

PROJECT INFORMATION

PROJECT NAME: **540 Degraw St Brooklyn, NY**
PROJECT #: **E9309** LOCATION: **Brooklyn, NY**
PROJECT MANAGER: **Austin Farmerie**
E-MAIL: **afarmerie@entact.com**
PHONE: **412-716-1366** FAX:

BILLING INFORMATION

BILL TO: **ENTACT, LLC** PO# **E9309**
ADDRESS: **999 Oakmont Plaza Drive, Suite 300**
CITY: **Westmont** STATE: **IL** ZIP: **60559**
ATTENTION: **Wendy Murray** PHONE: **800-936-8228**

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: DAYS*
EDD 3 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
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

ASTM COD	ASTM Ammonia Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH (9045D)	Paint Filter		
10	11	12	13	14	15	16		

PRESERVATIVES

1	2	3	4	5	6	7	8	9
E	E	E	E	E	E	E		

COMMENTS

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9
1.	WC-A2-13-G	Soil		X	7/10	12:00	1									
2.	WC-A2-13-C	Soil	X		7/10	12:00	11	X	X	X	X	X	X	X		
3.	WC-A2-14-G	Soil		X	7/10	12:00	1									
4.	WC-A2-14-C	Soil	X		7/10	12:00	11	X	X	X	X	X	X	X		
5.																
6.																
7.																
8.																
9.																
10.																

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

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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