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

Cover Page

Order ID : Q2733

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

Client : ENTACT

Lab Sample Number	Client Sample Number
Q2733-01	TW-WTS-12

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: 8/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 #: **Q2733**

	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:** **08/04/2025**

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

LAB CHRONICLE

OrderID:	Q2733	**OrderDate:**	7/30/2025 1:11:00 PM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2733-01	**TW-WTS-12**	**Water**			**07/30/25**			**07/30/25**
			VOCMS Group4	8260-Low			07/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2733

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.: Q2733

Client: ENTACT

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2733-01	TW-WTS-12	1,2-Dichloroethane-d4	50	50.1	100		70 (74)	130 (125)
		Dibromofluoromethane	50	42.2	84		70 (75)	130 (124)
		Toluene-d8	50	48.1	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.5	105		70 (77)	130 (121)
VX0730WBL01	VX0730WBL01	1,2-Dichloroethane-d4	50	47.3	95		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	47.7	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.2	100		70 (77)	130 (121)
VX0730WBS01	VX0730WBS01	1,2-Dichloroethane-d4	50	46.8	94		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	47.1	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.7	97		70 (77)	130 (121)
VX0730WBSD0	VX0730WBSD01	1,2-Dichloroethane-d4	50	49.8	100		70 (74)	130 (125)
		Dibromofluoromethane	50	48.9	98		70 (75)	130 (124)
		Toluene-d8	50	46.8	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.0	98		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2733 **Analytical Method:** SW8260-Low

Client: ENTACT **Datafile :** VX047182.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0730WBS01	Methyl tert-butyl Ether	20	18.1	ug/L	91			70 (78)	130 (114)	
	Carbon Tetrachloride	20	17.3	ug/L	86			70 (77)	130 (113)	
	Chloroform	20	17.8	ug/L	89			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.5	ug/L	88			70 (80)	130 (108)	
	Benzene	20	17.4	ug/L	87			70 (82)	130 (109)	
	Toluene	20	17.8	ug/L	89			70 (82)	130 (110)	
	Tetrachloroethene	20	17.2	ug/L	86			70 (67)	130 (123)	
	Ethyl Benzene	20	17.7	ug/L	89			70 (83)	130 (109)	
	m/p-Xylenes	40	35.3	ug/L	88			70 (82)	130 (110)	
	o-Xylene	20	17.9	ug/L	90			70 (83)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2733 **Analytical Method:** SW8260-Low

Client: ENTACT **Datafile :** VX047183.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0730WBSD01	Methyl tert-butyl Ether	20	19.3	ug/L	97	6		70 (78)	130 (114)	20 (20)
	Carbon Tetrachloride	20	17.2	ug/L	86	0		70 (77)	130 (113)	20 (15)
	Chloroform	20	17.8	ug/L	89	0		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	17.6	ug/L	88	0		70 (80)	130 (108)	20 (20)
	Benzene	20	17.3	ug/L	86	1		70 (82)	130 (109)	20 (15)
	Toluene	20	17.7	ug/L	89	0		70 (82)	130 (110)	20 (16)
	Tetrachloroethene	20	16.9	ug/L	85	1		70 (67)	130 (123)	20 (15)
	Ethyl Benzene	20	17.5	ug/L	88	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	34.9	ug/L	87	1		70 (82)	130 (110)	20 (15)
	o-Xylene	20	18.0	ug/L	90	0		70 (83)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0730WBL01

Lab Name: Alliance | Contract: ENTA05

Lab Code: ACE | SDG NO.: Q2733

Lab File ID: VX047181.D | Lab Sample ID: VX0730WBL01

Date Analyzed: 07/30/2025 | Time Analyzed: 12:44

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
VX0730WBS01	VX0730WBS01	VX047182.D	07/30/2025
VX0730WBSD01	VX0730WBSD01	VX047183.D	07/30/2025
TW-WTS-12	Q2733-01	VX047187.D	07/30/2025

COMMENTS:

Raw Data: **VX047054.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG NO.: Q2733
Lab File ID: VX047054.D
BFB Injection Date: 07/21/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:53
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.5
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	69.5 (95.9) 1
177	5.0 - 9.0% of mass 176	5 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047055.D	07/21/2025	09:47
VSTDICC005	VSTDICC005	VX047056.D	07/21/2025	10:08
VSTDICC020	VSTDICC020	VX047057.D	07/21/2025	10:29
VSTDICCC050	VSTDICCC050	VX047058.D	07/21/2025	10:50
VSTDICC100	VSTDICC100	VX047059.D	07/21/2025	11:11
VSTDICC150	VSTDICC150	VX047060.D	07/21/2025	11:32

Raw Data: **VX047178.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG NO.: Q2733
Lab File ID: VX047178.D
BFB Injection Date: 07/30/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:45
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.3 (0.5) 1
174	50.0 - 100.0% of mass 95	74.7
175	5.0 - 9.0% of mass 174	5.6 (7.5) 1
176	95.0 - 101.0% of mass 174	71.4 (95.7) 1
177	5.0 - 9.0% of mass 176	4.7 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047179.D	07/30/2025	09:14
VX0730WBL01	VX0730WBL01	VX047181.D	07/30/2025	12:44
VX0730WBS01	VX0730WBS01	VX047182.D	07/30/2025	13:11
VX0730WBSD01	VX0730WBSD01	VX047183.D	07/30/2025	13:37
TW-WTS-12	Q2733-01	VX047187.D	07/30/2025	16:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2733

Lab File ID: VX047179.D Date Analyzed: 07/30/2025

Instrument ID: MSVOA_X Time Analyzed: 09:14

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	284486	5.56	498230	6.76	431603	10.05
UPPER LIMIT	568972	6.056	996460	7.263	863206	10.549
LOWER LIMIT	142243	5.056	249115	6.263	215802	9.549
EPA SAMPLE NO.						
TW-WTS-12	351724	5.56	588680	6.76	536499	10.05
VX0730WBL01	349455	5.56	583262	6.76	517110	10.06
VX0730WBS01	298174	5.56	503453	6.76	446612	10.06
VX0730WBSD01	271218	5.56	470951	6.76	421865	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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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q2733

Lab File ID: VX047179.D Date Analyzed: 07/30/2025

Instrument ID: MSVOA_X Time Analyzed: 09:14

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

	IS4 AREA #	RT #				
12 HOUR STD	200484	12.018				
UPPER LIMIT	400968	12.518				
LOWER LIMIT	100242	11.518				
EPA SAMPLE NO.						
TW-WTS-12	268849	12.02				
VX0730WBL01	255739	12.02				
VX0730WBS01	220884	12.02				
VX0730WBSD01	205079	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: **VX047187.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:	07/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/30/25
Client Sample ID:	TW-WTS-12	SDG No.:	Q2733
Lab Sample ID:	Q2733-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047187.D	1	07/30/25 16:11	VX073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	42.2		70 (75) - 130 (124)	84%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	352000	5.556			
540-36-3	1,4-Difluorobenzene	589000	6.763			
3114-55-4	Chlorobenzene-d5	536000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	269000	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\VX073025\
Data File : VX047187.D
Acq On : 30 Jul 2025 16:11
Operator : JC/MD
Sample : Q2733-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Quant Time: Jul 31 03:17:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

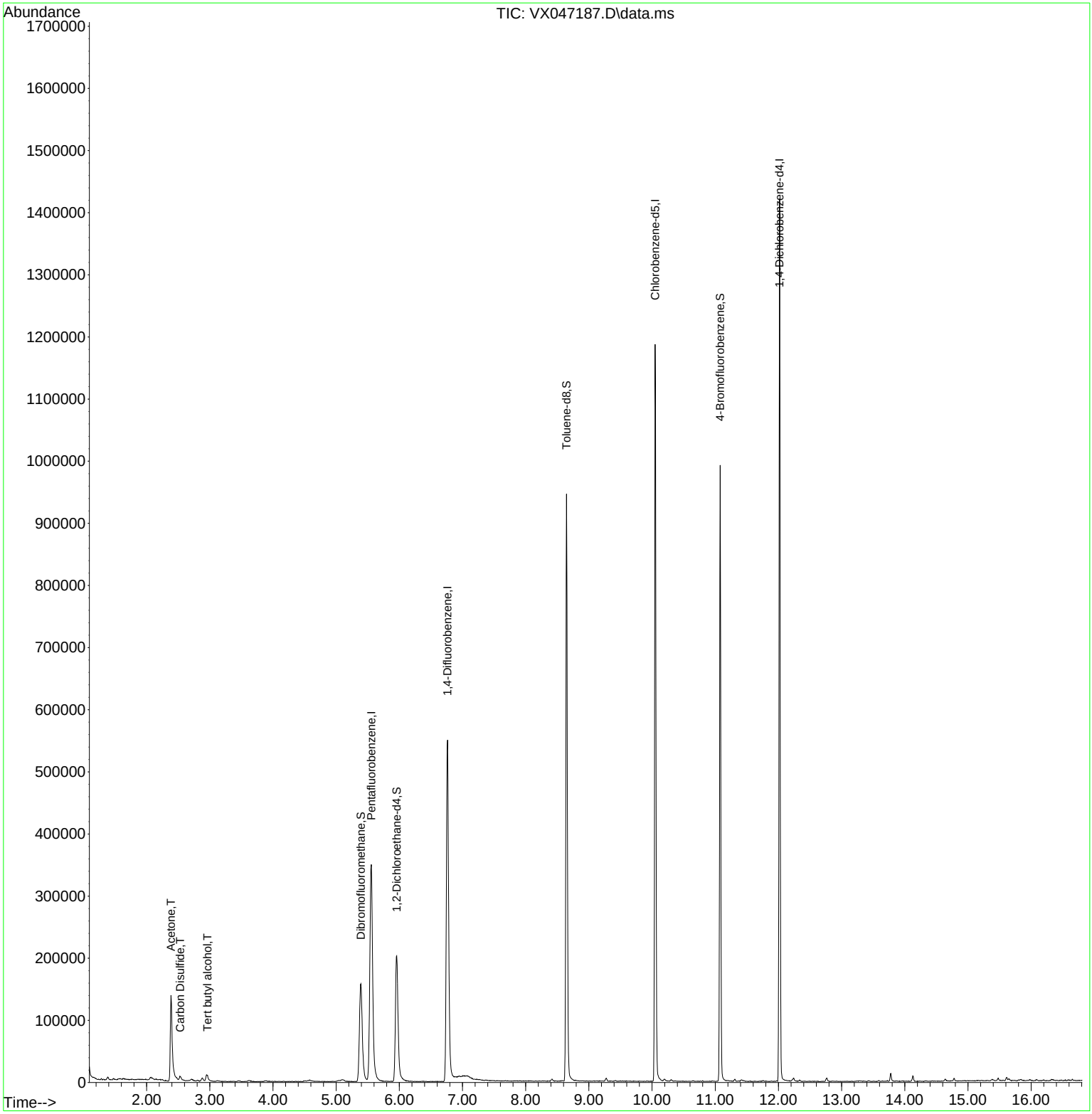
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	351724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	588680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	536499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	268849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219442	50.085	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.180%			
35) Dibromofluoromethane	5.391	113	153453	42.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.440%			
50) Toluene-d8	8.647	98	566125	48.095	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.200%			
62) 4-Bromofluorobenzene	11.079	95	266514	52.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	12059	13.827	ug/l	100
16) Acetone	2.386	43	197963	112.787	ug/l	98
17) Carbon Disulfide	2.532	76	3489	0.273	ug/l	96

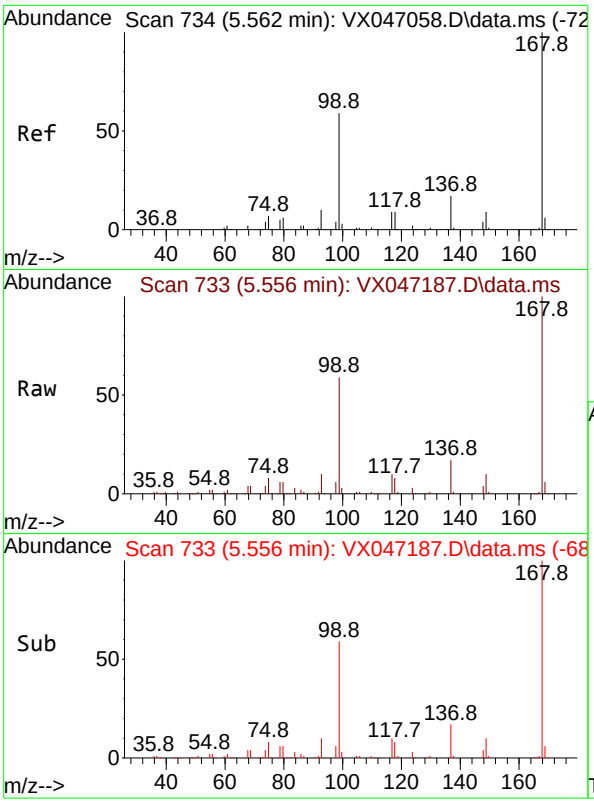
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047187.D
Acq On : 30 Jul 2025 16:11
Operator : JC/MD
Sample : Q2733-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Quant Time: Jul 31 03:17:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



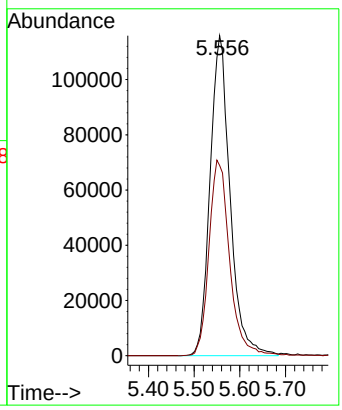


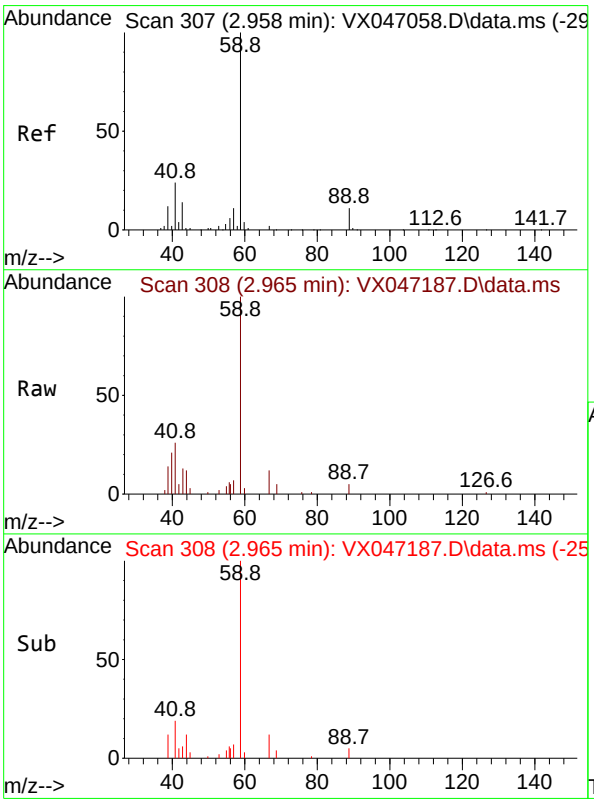
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Tgt Ion:168 Resp: 351724

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.0	72.0

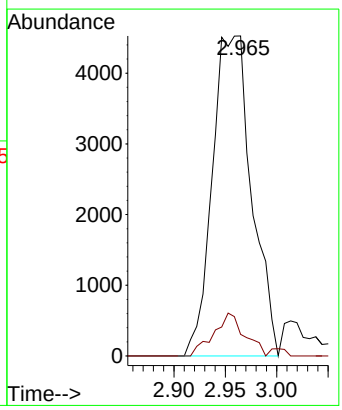


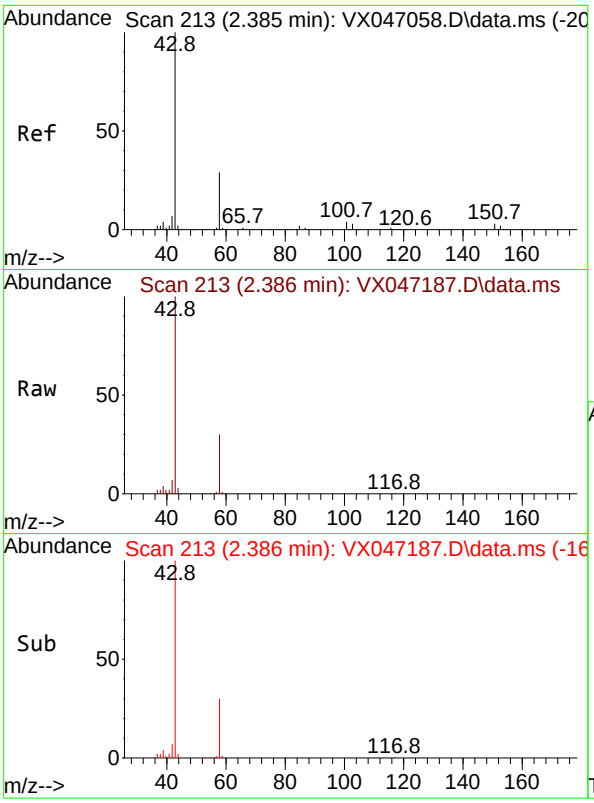


#11
Tert butyl alcohol
Concen: 13.827 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Tgt Ion: 59 Resp: 12059

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7



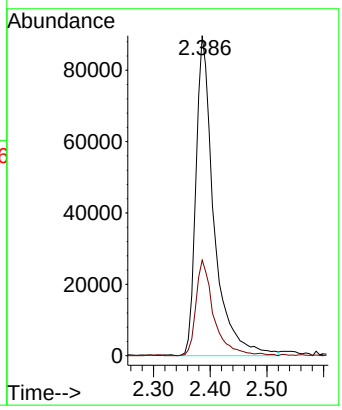


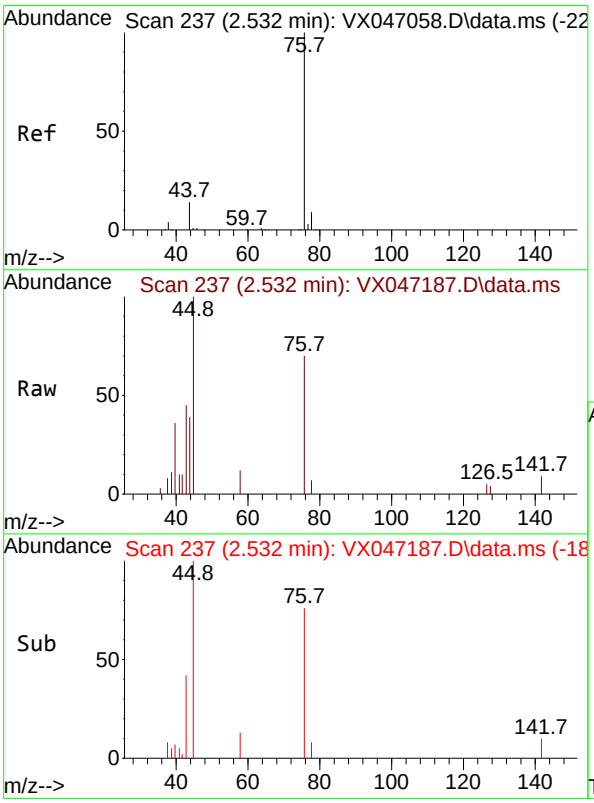
#16
Acetone
Concen: 112.787 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Tgt Ion: 43 Resp: 197963

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0

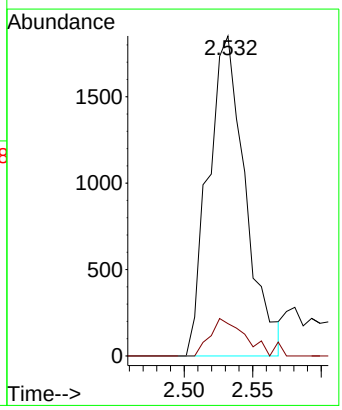


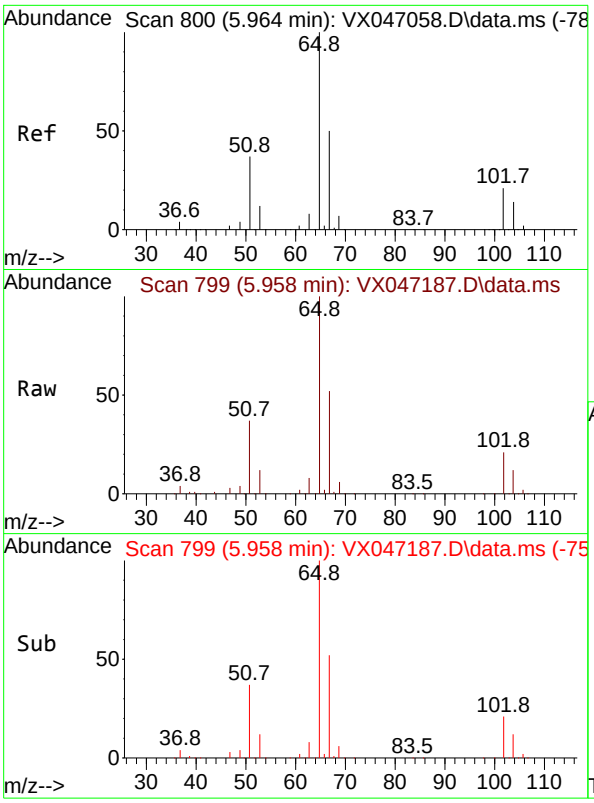


#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Tgt Ion: 76 Resp: 3489

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.0	10.4



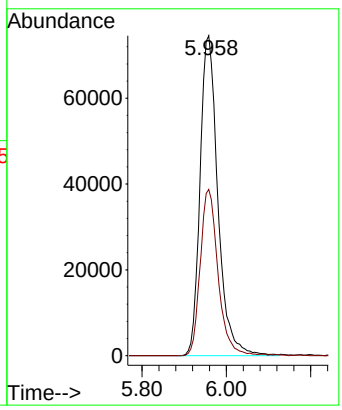


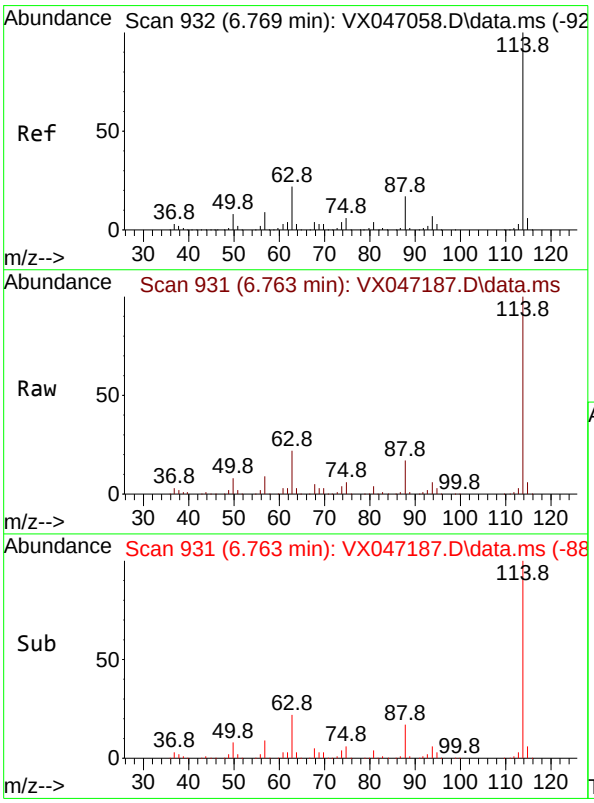
#33
1,2-Dichloroethane-d4
Concen: 50.085 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Tgt Ion: 65 Resp: 219442

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8

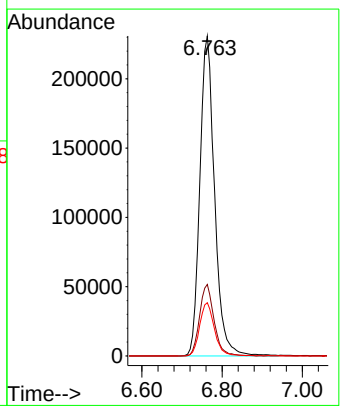


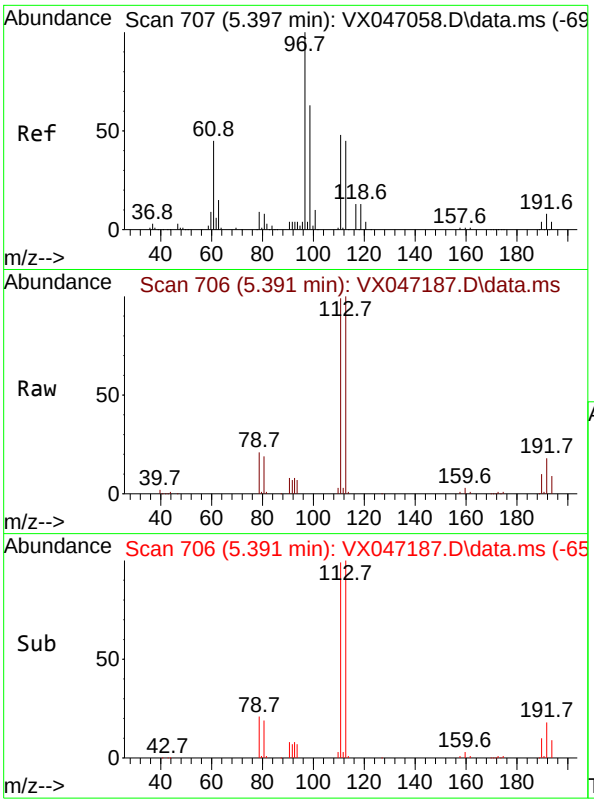


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Tgt Ion:114 Resp: 588680

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	16.6	0.0	33.8



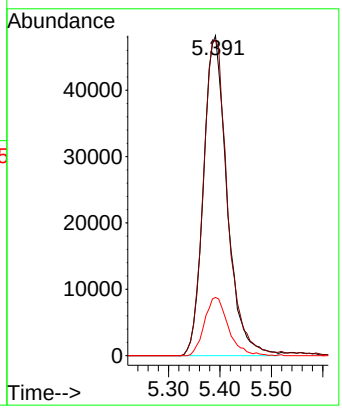


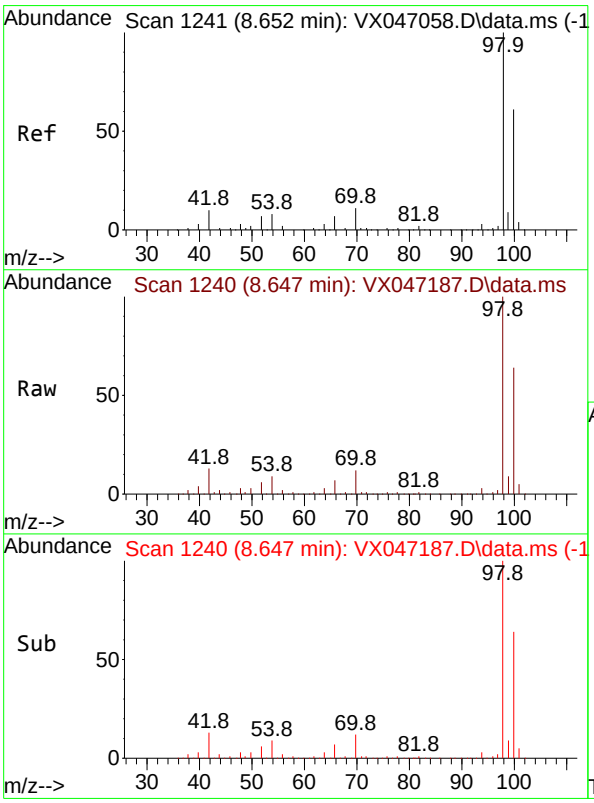
#35
Dibromofluoromethane
Concen: 42.219 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Tgt Ion:113 Resp: 153453

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	18.5	14.9	22.3

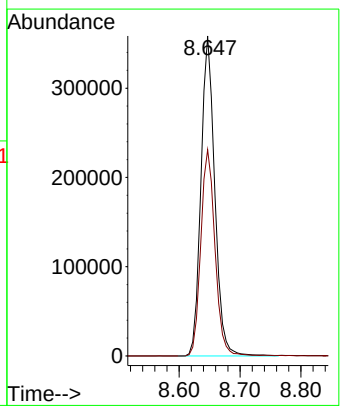


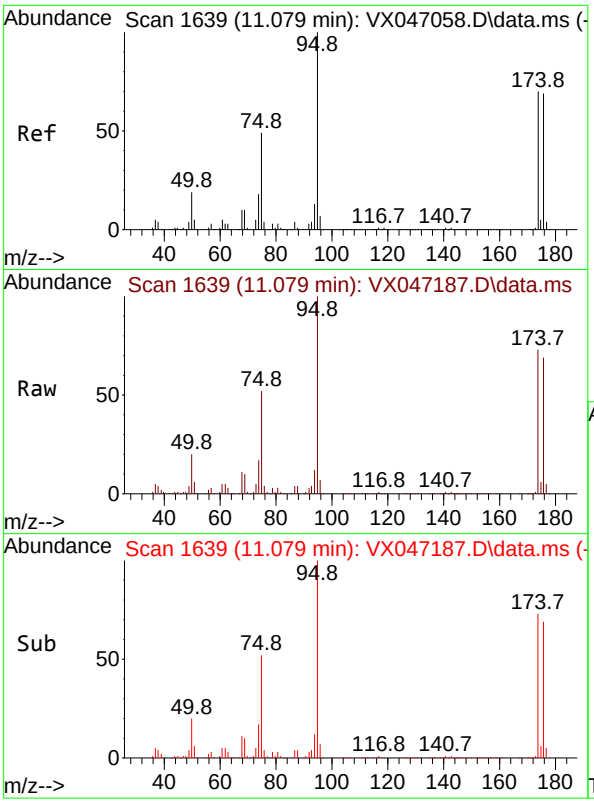


#50
Toluene-d8
Concen: 48.095 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Tgt Ion: 98 Resp: 566125

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9



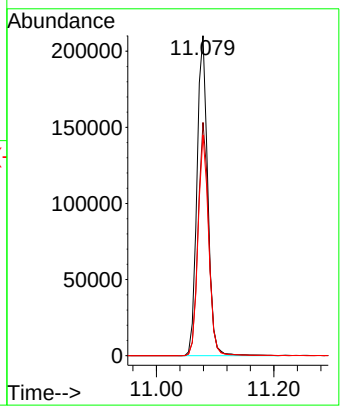


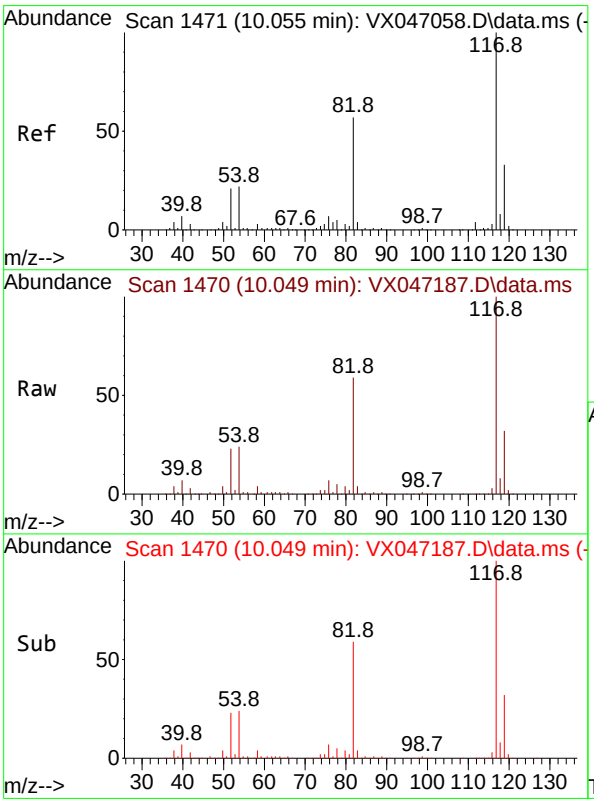
#62
4-Bromofluorobenzene
Concen: 52.540 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Tgt Ion: 95 Resp: 266514

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	144.6
176	67.8	0.0	139.6

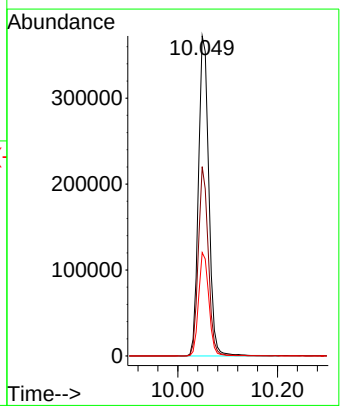


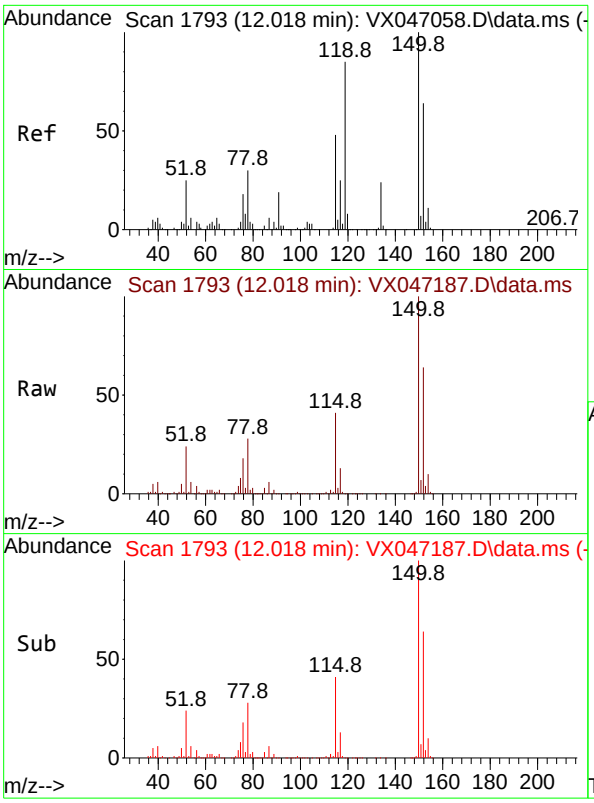


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Tgt Ion:117 Resp: 536499

Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.4	68.2
119	32.3	26.1	39.1



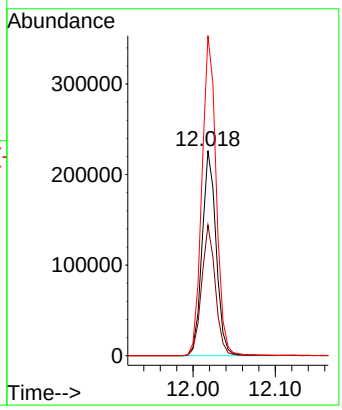


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047187.D
Acq: 30 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-12

Tgt Ion:152 Resp: 268849

Ion	Ratio	Lower	Upper
152	100		
115	62.5	45.6	136.7
150	158.7	0.0	354.6



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG No.: Q2733

Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32

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

LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D
RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Methyl tert-butyl Ether	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.6
Carbon Tetrachloride	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.4
Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.2
1,1,1-Trichloroethane	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.5
Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.4
Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.1
Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.6
Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.4
m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.1
o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.4
1,2-Dichloroethane-d4		0.768	0.511	0.575	0.611	0.649	0.623	15.4
Dibromofluoromethane		0.355	0.262	0.296	0.302	0.328	0.309	11.3
Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.8
4-Bromofluorobenzene		0.514	0.369	0.409	0.417	0.445	0.431	12.5

* 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 : 82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025
Response Via : Initial Calibration

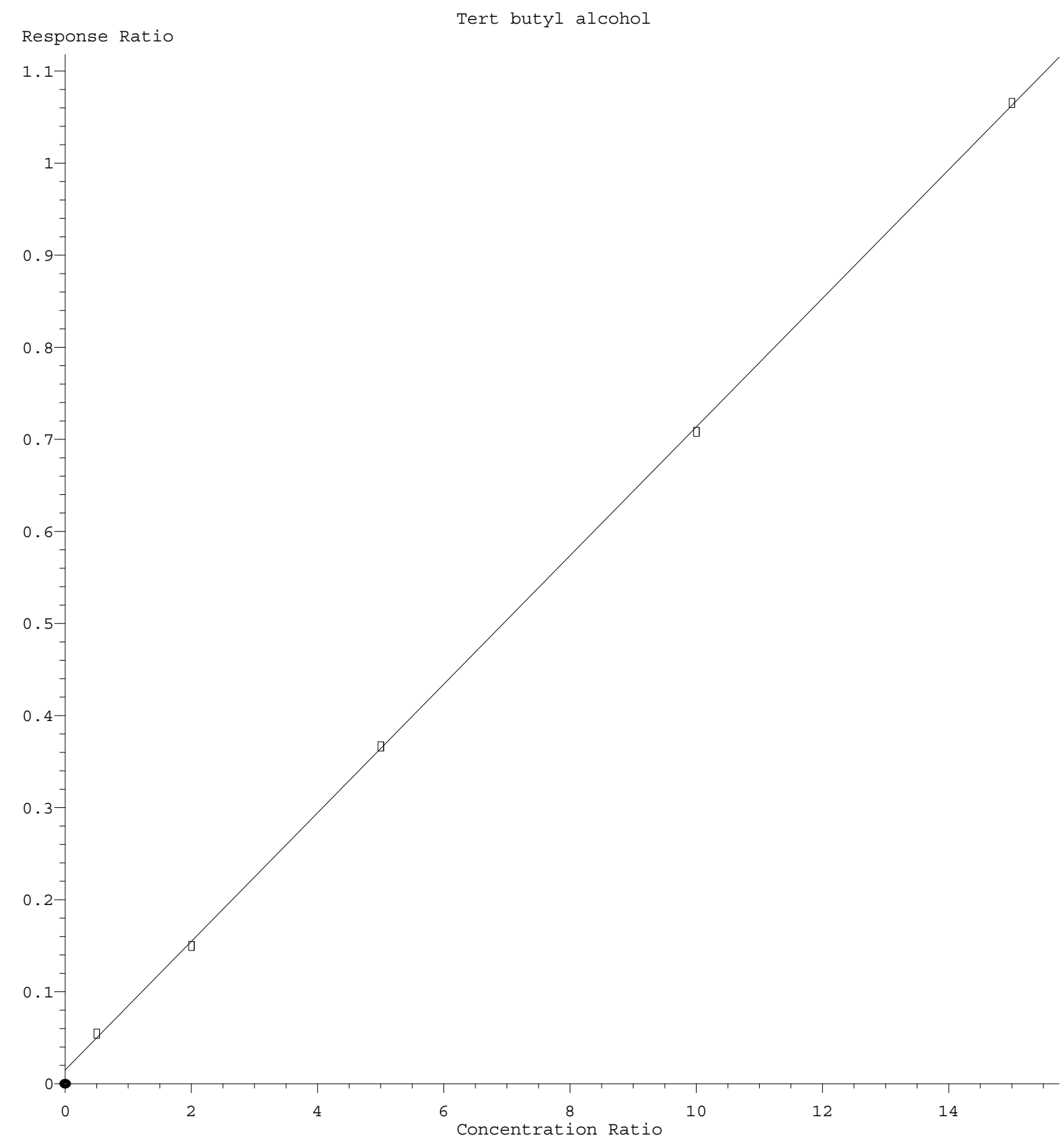
Calibration Files
1 =VX047055.D 5 =VX047056.D 20 =VX047057.D 50 =VX047058.D 100 =VX047059.D 150 =VX047060.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.516	0.640	0.610	0.768	0.721	0.729	0.664	14.06
3)	P	Chloromethane	0.582	0.668	0.626	0.699	0.667	0.701	0.657	7.01
4)	C	Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.67#
5)	T	Bromomethane		0.408	0.400	0.448	0.353	0.309	0.384	13.95
6)	T	Chloroethane	0.547	0.482	0.436	0.470	0.423	0.424	0.464	10.27
7)	T	Trichlorofluor...	0.853	1.123	1.058	1.158	1.054	1.071	1.053	10.08
8)	T	Diethyl Ether	0.329	0.395	0.376	0.390	0.367	0.370	0.371	6.26
9)	T	1,1,2-Trichlor...	0.558	0.671	0.646	0.675	0.627	0.631	0.634	6.70
10)	T	Methyl Iodide		0.476	0.552	0.727	0.718	0.760	0.647	19.34
11)	T	Tert butyl alc...		0.109	0.075	0.073	0.071	0.071	0.080	20.51
12)	CM	1,1-Dichloroet...	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.66#
13)	T	Acrolein		0.135	0.130	0.139	0.133	0.134	0.134	2.33
14)	T	Allyl chloride	0.941	1.191	1.162	1.239	1.139	1.143	1.136	9.00
15)	T	Acrylonitrile	0.208	0.321	0.317	0.329	0.305	0.302	0.297	15.15
16)	T	Acetone	0.268	0.267	0.246	0.252	0.232	0.231	0.250	6.53
17)	T	Carbon Disulfide	1.633	1.926	1.823	1.936	1.783	1.805	1.818	6.09
18)	T	Methyl Acetate	0.657	0.686	0.636	0.688	0.651	0.662	0.663	3.05
19)	T	Methyl tert-bu...	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.64
20)	T	Methylene Chlo...	0.635	0.751	0.708	0.722	0.653	0.651	0.686	6.83
21)	T	trans-1,2-Dich...	0.531	0.701	0.667	0.695	0.632	0.632	0.643	9.69
22)	T	Diisopropyl ether	1.808	2.393	2.289	2.362	2.126	2.124	2.184	9.93
23)	T	Vinyl Acetate	1.333	1.804	1.858	1.940	1.792	1.782	1.752	12.18
24)	P	1,1-Dichloroet...	1.044	1.327	1.245	1.300	1.177	1.193	1.214	8.40
25)	T	2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.85
26)	T	2,2-Dichloropr...	0.874	1.011	0.928	0.979	0.912	0.937	0.940	5.20
27)	T	cis-1,2-Dichlo...	0.670	0.832	0.777	0.807	0.739	0.744	0.761	7.56
28)	T	Bromochloromet...	0.457	0.608	0.568	0.609	0.559	0.550	0.559	9.95
29)	T	Tetrahydrofuran	0.182	0.250	0.244	0.256	0.238	0.236	0.234	11.35
30)	C	Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.22#
31)	T	Cyclohexane		1.221	1.187	1.215	1.099	1.101	1.164	5.19
32)	T	1,1,1-Trichlor...	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.49
33)	S	1,2-Dichloroet...		0.768	0.511	0.575	0.611	0.649	0.623	15.42
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.355	0.262	0.296	0.302	0.328	0.309	11.30
36)	T	1,1-Dichloropr...	0.576	0.527	0.528	0.547	0.484	0.495	0.526	6.34
37)	T	Ethyl Acetate	0.496	0.537	0.438	0.511	0.462	0.466	0.485	7.48
38)	T	Carbon Tetrach...	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.35
39)	T	Methylcyclohexane	0.583	0.693	0.674	0.699	0.640	0.653	0.657	6.46
40)	TM	Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.41
41)	T	Methacrylonitrile	0.186	0.259	0.258	0.292	0.265	0.262	0.254	13.95
42)	TM	1,2-Dichloroet...	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.46
43)	T	Isopropyl Acetate	0.527	0.792	0.786	0.850	0.779	0.802	0.756	15.22
44)	TM	Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.51
45)	C	1,2-Dichloropr...	0.334	0.419	0.393	0.408	0.363	0.371	0.381	8.25#
46)	T	Dibromomethane	0.204	0.304	0.275	0.294	0.261	0.267	0.267	13.17
47)	T	Bromodichlorom...	0.494	0.626	0.579	0.617	0.543	0.557	0.569	8.68
48)	T	Methyl methacr...	0.418	0.400	0.397	0.440	0.404	0.413	0.412	3.83
49)	T	1,4-Dioxane	0.003	0.005	0.005	0.005	0.005	0.005	0.005	17.78
50)	S	Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.79
51)	T	4-Methyl-2-Pen...	0.371	0.477	0.470	0.497	0.440	0.440	0.449	9.81
52)	CM	Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.12#
53)	T	t-1,3-Dichloro...	0.429	0.549	0.546	0.592	0.548	0.562	0.538	10.42
54)	T	cis-1,3-Dichlo...	0.442	0.611	0.618	0.653	0.593	0.614	0.588	12.62
55)	T	1,1,2-Trichlor...	0.300	0.391	0.373	0.376	0.332	0.335	0.351	9.87
56)	T	Ethyl methacry...	0.342	0.527	0.556	0.596	0.544	0.555	0.520	17.35

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X072125W.M

57)	T	1,3-Dichloropr...	0.530	0.687	0.639	0.653	0.576	0.577	0.610	9.62
58)	T	2-Chloroethyl ...	0.189	0.360	0.271	0.323	0.296	0.297	0.289	19.88
59)	T	2-Hexanone	0.192	0.312	0.324	0.343	0.305	0.304	0.297	17.93
60)	T	Dibromochlorom...	0.343	0.449	0.428	0.444	0.398	0.409	0.412	9.45
61)	T	1,2-Dibromoethane	0.334	0.398	0.377	0.395	0.349	0.351	0.367	7.28
62)	S	4-Bromofluorob...		0.514	0.369	0.409	0.417	0.445	0.431	12.53
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.62
65)	PM	Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.24
66)	T	1,1,1,2-Tetrac...	0.354	0.415	0.404	0.419	0.381	0.392	0.394	6.20
67)	C	Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.35#
68)	T	m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.07
69)	T	o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.38
70)	T	Styrene	1.024	1.356	1.332	1.361	1.209	1.219	1.250	10.38
71)	P	Bromoform	0.257	0.323	0.302	0.325	0.292	0.299	0.300	8.23
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.180	4.148	4.146	4.309	3.907	3.979	3.945	10.16
74)	T	N-amyl acetate	1.260	1.501	1.617	1.784	1.658	1.729	1.592	11.89
75)	P	1,1,2,2-Tetrac...	0.979	1.203	1.182	1.210	1.085	1.103	1.127	7.93
76)	T	1,2,3-Trichlor...	0.753	1.027	0.956	0.991	0.904	0.923	0.925	10.32
77)	T	Bromobenzene	0.796	0.997	0.997	1.017	0.925	0.945	0.946	8.58
78)	T	n-propylbenzene	3.796	5.061	4.947	5.118	4.618	4.743	4.714	10.36
79)	T	2-Chlorotoluene	2.428	3.036	2.895	3.029	2.730	2.789	2.818	8.07
80)	T	1,3,5-Trimethy...	2.639	3.508	3.437	3.523	3.181	3.265	3.259	10.22
81)	T	trans-1,4-Dich...		0.301	0.331	0.391	0.375	0.398	0.359	11.62
82)	T	4-Chlorotoluene	2.721	3.585	3.445	3.569	3.183	3.232	3.289	9.88
83)	T	tert-Butylbenzene	2.745	3.433	3.364	3.586	3.198	3.299	3.271	8.83
84)	T	1,2,4-Trimethy...	2.502	3.544	3.415	3.577	3.197	3.269	3.251	12.17
85)	T	sec-Butylbenzene	3.328	4.476	4.269	4.398	3.993	4.056	4.087	10.19
86)	T	p-Isopropyltol...	2.626	3.699	3.570	3.704	3.334	3.402	3.389	11.90
87)	T	1,3-Dichlorobe...	1.562	1.968	1.869	1.908	1.704	1.776	1.798	8.30
88)	T	1,4-Dichlorobe...	1.659	1.982	1.903	1.893	1.723	1.767	1.821	6.79
89)	T	n-Butylbenzene	2.645	3.317	3.324	3.456	3.141	3.187	3.178	8.94
90)	T	Hexachloroethane	0.519	0.601	0.603	0.655	0.619	0.640	0.606	7.84
91)	T	1,2-Dichlorobe...	1.533	1.873	1.764	1.824	1.625	1.691	1.718	7.40
92)	T	1,2-Dibromo-3-...	0.140	0.223	0.223	0.239	0.231	0.242	0.216	17.61
93)	T	1,2,4-Trichlor...	0.919	1.189	1.159	1.224	1.144	1.176	1.135	9.64
94)	T	Hexachlorobuta...	0.334	0.396	0.407	0.406	0.392	0.382	0.386	6.99
95)	T	Naphthalene	2.369	3.231	3.425	3.753	3.499	3.691	3.328	15.20
96)	T	1,2,3-Trichlor...	0.925	1.120	1.117	1.172	1.102	1.126	1.094	7.87

(#) = Out of Range



Response = 6.981e-002 * Amt + 1.498e-002
Coef of Det (r^2) = 0.999878 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X072125W.M
Calibration Table Last Updated: Tue Jul 22 03:59:51 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	337975	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	582229	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	522701	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266871	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	3490	0.777	ug/l		87
3) Chloromethane	1.307	50	3931	0.885	ug/l	#	86
4) Vinyl Chloride	1.392	62	3909	0.819	ug/l		94
6) Chloroethane	1.709	64	3698	1.180	ug/l		95
7) Trichlorofluoromethane	1.910	101	5767	0.810	ug/l		91
8) Diethyl Ether	2.154	74	2227	0.887	ug/l		93
9) 1,1,2-Trichlorotrifluo...	2.349	101	3769	0.879	ug/l		98
12) 1,1-Dichloroethene	2.343	96	3739	0.880	ug/l		94
14) Allyl chloride	2.684	41	6361	0.829	ug/l		86
15) Acrylonitrile	3.087	53	7013	3.493	ug/l		86
16) Acetone	2.392	43	9071	5.378	ug/l	#	88
17) Carbon Disulfide	2.532	76	11039	0.898	ug/l	#	91
18) Methyl Acetate	2.715	43	4440	0.991	ug/l	#	68
19) Methyl tert-butyl Ether	3.130	73	11087	0.858	ug/l		98
20) Methylene Chloride	2.800	84	4289	0.924	ug/l	#	91
21) trans-1,2-Dichloroethene	3.111	96	3590	0.826	ug/l	#	92
22) Diisopropyl ether	3.776	45	12222	0.828	ug/l		92
23) Vinyl Acetate	3.739	43	45048	3.805	ug/l		100
24) 1,1-Dichloroethane	3.629	63	7054	0.859	ug/l	#	94
25) 2-Butanone	4.617	43	10725	4.367	ug/l		99
26) 2,2-Dichloropropane	4.495	77	5905	0.929	ug/l		88
27) cis-1,2-Dichloroethene	4.501	96	4527	0.880	ug/l		84
28) Bromochloromethane	4.916	49	3092	0.819	ug/l	#	98
29) Tetrahydrofuran	5.032	42	6164	3.890	ug/l	#	87
30) Chloroform	5.111	83	7976	0.955	ug/l		86
32) 1,1,1-Trichloroethane	5.397	97	6496	0.895	ug/l	#	51
36) 1,1-Dichloropropene	5.708	75	6705	1.094	ug/l	#	87
37) Ethyl Acetate	4.751	43	5770m	1.068	ug/l		
38) Carbon Tetrachloride	5.696	117	6120	0.936	ug/l		96
39) Methylcyclohexane	7.379	83	6794	0.888	ug/l		90
40) Benzene	6.050	78	15450	0.871	ug/l		91
41) Methacrylonitrile	4.971	41	2166	0.734	ug/l	#	74
42) 1,2-Dichloroethane	6.105	62	5449	0.872	ug/l		98
43) Isopropyl Acetate	6.367	43	6134	0.697	ug/l	#	94
44) Trichloroethene	7.147	130	4075	0.896	ug/l		62
45) 1,2-Dichloropropane	7.440	63	3895	0.877	ug/l		93

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	2372	0.762	ug/l		88
47) Bromodichloromethane	7.830	83	5749	0.867	ug/l	#	87
48) Methyl methacrylate	7.714	41	4863m	1.014	ug/l		
49) 1,4-Dioxane	7.684	88	700m	12.834	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	21616	4.131	ug/l		95
52) Toluene	8.726	92	8872	0.814	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	4993	0.798	ug/l		93
54) cis-1,3-Dichloropropene	8.379	75	5149	0.751	ug/l	#	73
55) 1,1,2-Trichloroethane	9.153	97	3490	0.853	ug/l	#	88
56) Ethyl methacrylate	9.128	69	3978	0.657	ug/l		91
57) 1,3-Dichloropropane	9.311	76	6170	0.868	ug/l	#	88
58) 2-Chloroethyl Vinyl ether	8.251	63	11010	3.268	ug/l		98
59) 2-Hexanone	9.439	43	11200	3.240	ug/l		87
60) Dibromochloromethane	9.525	129	3998	0.834	ug/l		91
61) 1,2-Dibromoethane	9.616	107	3885	0.909	ug/l		98
64) Tetrachloroethene	9.275	164	3363	0.892	ug/l	#	90
65) Chlorobenzene	10.080	112	10754	0.878	ug/l	#	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	3699	0.897	ug/l	#	64
67) Ethyl Benzene	10.195	91	18959	0.886	ug/l		100
68) m/p-Xylenes	10.299	106	14496	1.809	ug/l		94
69) o-Xylene	10.640	106	6125	0.804	ug/l		91
70) Styrene	10.659	104	10704	0.819	ug/l		93
71) Bromoform	10.799	173	2687	0.858	ug/l	#	97
73) Isopropylbenzene	10.964	105	16971	0.806	ug/l		100
74) N-amyl acetate	10.848	43	6726m	0.801	ug/l		
75) 1,1,2,2-Tetrachloroethane	11.213	83	5223	0.868	ug/l		96
76) 1,2,3-Trichloropropane	11.244	75	4019m	0.814	ug/l		
77) Bromobenzene	11.201	156	4251	0.842	ug/l		94
78) n-propylbenzene	11.305	91	20259	0.805	ug/l		99
79) 2-Chlorotoluene	11.366	91	12959	0.862	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	14083	0.810	ug/l		98
82) 4-Chlorotoluene	11.457	91	14521	0.827	ug/l		97
83) tert-Butylbenzene	11.713	119	14652	0.839	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	13354	0.770	ug/l		98
85) sec-Butylbenzene	11.890	105	17765	0.814	ug/l		95
86) p-Isopropyltoluene	12.006	119	14016	0.775	ug/l		89
87) 1,3-Dichlorobenzene	11.969	146	8335	0.869	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	8857m	0.911	ug/l		
89) n-Butylbenzene	12.329	91	14116	0.832	ug/l		95
90) Hexachloroethane	12.536	117	2772	0.857	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	8184	0.892	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	749	0.649	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	4906	0.810	ug/l		98
94) Hexachlorobutadiene	13.725	225	1785	0.866	ug/l		98
95) Naphthalene	13.780	128	12647	0.712	ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	4936	0.846	ug/l		95

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

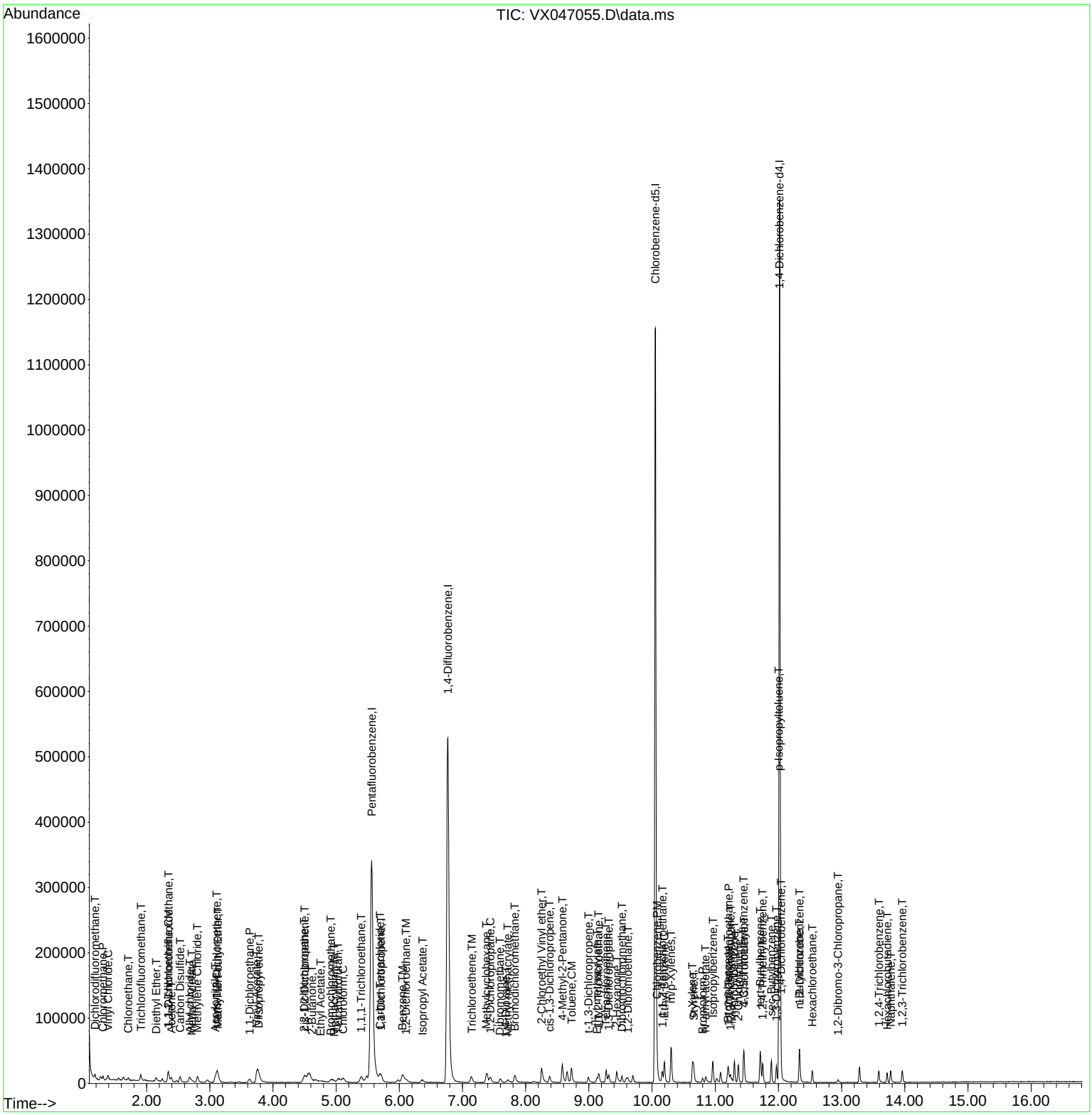
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	319458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	542097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	24550	6.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.340%#		
35) Dibromofluoromethane	5.403	113	19243	5.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.500%#		
50) Toluene-d8	8.652	98	70081	6.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.940%#		
62) 4-Bromofluorobenzene	11.079	95	27880	5.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	20453	4.820	ug/l	95
3) Chloromethane	1.306	50	21331	5.082	ug/l	97
4) Vinyl Chloride	1.385	62	23623	5.236	ug/l	100
5) Bromomethane	1.617	94	13048	5.324	ug/l	88
6) Chloroethane	1.702	64	15411	5.200	ug/l	98
7) Trichlorofluoromethane	1.904	101	35886	5.334	ug/l	96
8) Diethyl Ether	2.148	74	12607	5.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	21422	5.285	ug/l	98
10) Methyl Iodide	2.471	142	15201	3.680	ug/l	93
11) Tert butyl alcohol	2.964	59	17392	28.263	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	21053	5.244	ug/l	91
13) Acrolein	2.251	56	21604	25.213	ug/l	99
14) Allyl chloride	2.678	41	38039	5.242	ug/l	99
15) Acrylonitrile	3.074	53	51340	27.051	ug/l	100
16) Acetone	2.391	43	42718	26.796	ug/l	99
17) Carbon Disulfide	2.526	76	61522	5.297	ug/l	100
18) Methyl Acetate	2.721	43	21905	5.171	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	64256	5.259	ug/l	96
20) Methylene Chloride	2.806	84	23989	5.470	ug/l	93
21) trans-1,2-Dichloroethene	3.111	96	22396	5.451	ug/l	96
22) Diisopropyl ether	3.775	45	76458	5.480	ug/l	97
23) Vinyl Acetate	3.739	43	288230	25.756	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42402	5.465	ug/l	96
25) 2-Butanone	4.574	43	60022	25.858	ug/l	97
26) 2,2-Dichloropropane	4.489	77	32298	5.378	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	26579	5.463	ug/l	98
28) Bromochloromethane	4.921	49	19435	5.445	ug/l	96
29) Tetrahydrofuran	5.031	42	39885	26.631	ug/l	96
30) Chloroform	5.110	83	43336	5.487	ug/l	93
31) Cyclohexane	5.482	56	38990	5.241	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	36920	5.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	28590	5.011	ug/l	98
37) Ethyl Acetate	4.739	43	29112m	5.790	ug/l	
38) Carbon Tetrachloride	5.690	117	33199	5.452	ug/l	97
39) Methylcyclohexane	7.384	83	37547	5.271	ug/l	95
40) Benzene	6.049	78	89797	5.438	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.934	41	14018	5.100 ug/l	98
42) 1,2-Dichloroethane	6.092	62	31844	5.475 ug/l	96
43) Isopropyl Acetate	6.354	43	42946	5.240 ug/l	95
44) Trichloroethene	7.134	130	23153	5.468 ug/l	81
45) 1,2-Dichloropropane	7.439	63	22722	5.494 ug/l	93
46) Dibromomethane	7.592	93	16479	5.682 ug/l	97
47) Bromodichloromethane	7.823	83	33939	5.498 ug/l	99
48) Methyl methacrylate	7.701	41	21660	4.851 ug/l	99
49) 1,4-Dioxane	7.671	88	5549	109.271 ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	129413	26.565 ug/l	97
52) Toluene	8.720	92	56775	5.592 ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29776	5.108 ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	33127	5.193 ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	21223	5.574 ug/l	97
56) Ethyl methacrylate	9.116	69	28587	5.072 ug/l	96
57) 1,3-Dichloropropane	9.311	76	37251	5.629 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	97443	31.066 ug/l	98
59) 2-Hexanone	9.433	43	84572	26.276 ug/l	99
60) Dibromochloromethane	9.518	129	24354	5.454 ug/l	99
61) 1,2-Dibromoethane	9.610	107	21578	5.420 ug/l	98
64) Tetrachloroethene	9.274	164	19701	5.592 ug/l	96
65) Chlorobenzene	10.079	112	63268	5.526 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	20300	5.267 ug/l	99
67) Ethyl Benzene	10.195	91	106984	5.345 ug/l	96
68) m/p-Xylenes	10.299	106	80835	10.791 ug/l	99
69) o-Xylene	10.640	106	40071	5.623 ug/l	94
70) Styrene	10.658	104	66283	5.424 ug/l	100
71) Bromoform	10.798	173	15763	5.384 ug/l #	97
73) Isopropylbenzene	10.963	105	102157	5.257 ug/l	97
74) N-amyl acetate	10.841	43	36965	4.769 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29627	5.338 ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	25285m	5.546 ug/l	
77) Bromobenzene	11.195	156	24549	5.267 ug/l	95
78) n-propylbenzene	11.304	91	124648	5.368 ug/l	100
79) 2-Chlorotoluene	11.365	91	74781	5.387 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86414	5.383 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7407	4.186 ug/l	86
82) 4-Chlorotoluene	11.457	91	88304	5.450 ug/l	99
83) tert-Butylbenzene	11.713	119	84560	5.248 ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	87289	5.451 ug/l	99
85) sec-Butylbenzene	11.890	105	110255	5.477 ug/l	100
86) p-Isopropyltoluene	12.006	119	91112	5.457 ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48466	5.473 ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48817	5.441 ug/l	95
89) n-Butylbenzene	12.329	91	81710	5.219 ug/l	99
90) Hexachloroethane	12.536	117	14794	4.953 ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46129	5.450 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	5485	5.148 ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29296	5.239 ug/l	99
94) Hexachlorobutadiene	13.719	225	9742	5.122 ug/l	91
95) Naphthalene	13.774	128	79568	4.854 ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	27584	5.120 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

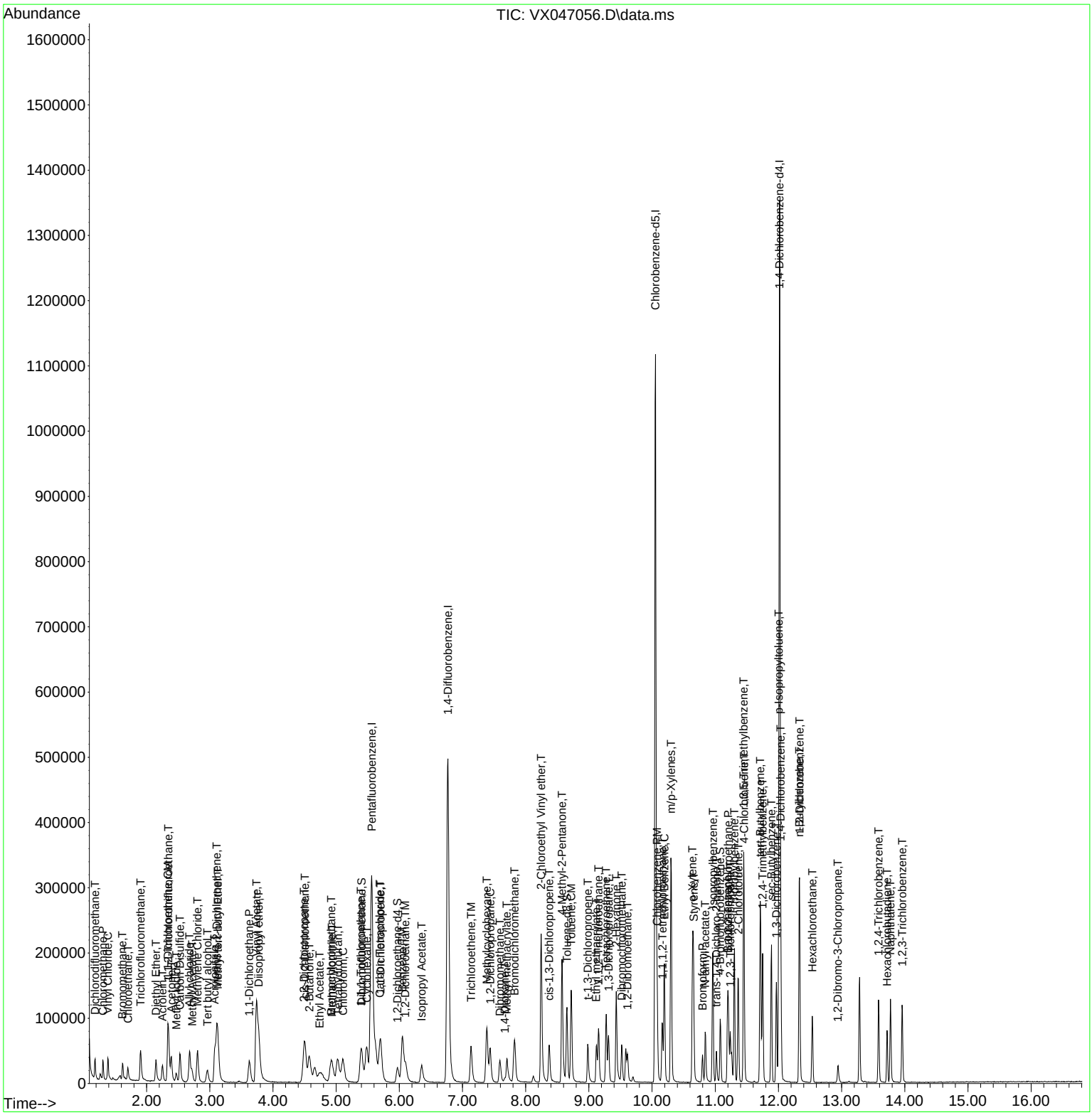
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	320913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	544303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65541	16.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.800%#		
35) Dibromofluoromethane	5.397	113	57105	16.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.980%#		
50) Toluene-d8	8.653	98	178825	16.431	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.860%#		
62) 4-Bromofluorobenzene	11.079	95	80359	17.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.260%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	78327	18.376	ug/l	99
3) Chloromethane	1.306	50	80305	19.046	ug/l	98
4) Vinyl Chloride	1.386	62	89887	19.832	ug/l	96
5) Bromomethane	1.617	94	51290	20.832	ug/l	92
6) Chloroethane	1.703	64	55955	18.797	ug/l	99
7) Trichlorofluoromethane	1.904	101	135815	20.095	ug/l	98
8) Diethyl Ether	2.148	74	48319	20.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	82864	20.350	ug/l	100
10) Methyl Iodide	2.465	142	70850	17.073	ug/l	98
11) Tert butyl alcohol	2.959	59	48048	96.502	ug/l	98
12) 1,1-Dichloroethene	2.337	96	81489	20.206	ug/l	96
13) Acrolein	2.245	56	83483	96.989	ug/l	97
14) Allyl chloride	2.678	41	149196	20.465	ug/l	99
15) Acrylonitrile	3.074	53	203243	106.603	ug/l	100
16) Acetone	2.385	43	157932	98.619	ug/l	97
17) Carbon Disulfide	2.526	76	234036	20.059	ug/l	99
18) Methyl Acetate	2.715	43	81624	19.180	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	251581	20.497	ug/l	99
20) Methylene Chloride	2.806	84	90849	20.621	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	85583	20.738	ug/l	97
22) Diisopropyl ether	3.769	45	293875	20.967	ug/l	91
23) Vinyl Acetate	3.733	43	1192633	106.090	ug/l	99
24) 1,1-Dichloroethane	3.623	63	159828	20.507	ug/l	99
25) 2-Butanone	4.568	43	238246	102.172	ug/l	97
26) 2,2-Dichloropropane	4.495	77	119113	19.743	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	99794	20.420	ug/l	99
28) Bromochloromethane	4.909	49	72912	20.334	ug/l	97
29) Tetrahydrofuran	5.019	42	156819	104.232	ug/l	100
30) Chloroform	5.104	83	160698	20.255	ug/l	100
31) Cyclohexane	5.482	56	152430	20.397	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	141289	20.503	ug/l	100
36) 1,1-Dichloropropene	5.702	75	114925	20.062	ug/l	99
37) Ethyl Acetate	4.726	43	95455	18.907	ug/l	99
38) Carbon Tetrachloride	5.684	117	123204	20.150	ug/l	99
39) Methylcyclohexane	7.385	83	146762	20.519	ug/l	99
40) Benzene	6.049	78	342454	20.656	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	56166	20.350	ug/l		95
42) 1,2-Dichloroethane	6.098	62	121515	20.808	ug/l		98
43) Isopropyl Acetate	6.342	43	171186	20.802	ug/l		99
44) Trichloroethene	7.128	130	85446	20.099	ug/l		98
45) 1,2-Dichloropropane	7.433	63	85547	20.603	ug/l		94
46) Dibromomethane	7.586	93	59949	20.588	ug/l		99
47) Bromodichloromethane	7.824	83	126091	20.345	ug/l		99
48) Methyl methacrylate	7.695	41	86386	19.269	ug/l		97
49) 1,4-Dioxane	7.665	88	21524	422.133	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	511307	104.532	ug/l		99
52) Toluene	8.720	92	214955	21.087	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	118872	20.311	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	134587	21.011	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	81137	21.224	ug/l		98
56) Ethyl methacrylate	9.116	69	121053	21.389	ug/l		98
57) 1,3-Dichloropropane	9.311	76	139031	20.925	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	294878	93.631	ug/l		100
59) 2-Hexanone	9.427	43	352298	109.015	ug/l		97
60) Dibromochloromethane	9.518	129	93165	20.779	ug/l		100
61) 1,2-Dibromoethane	9.610	107	82035	20.522	ug/l		99
64) Tetrachloroethene	9.274	164	74177	21.147	ug/l		95
65) Chlorobenzene	10.079	112	238428	20.917	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	78682	20.502	ug/l		98
67) Ethyl Benzene	10.195	91	412412	20.693	ug/l		99
68) m/p-Xylenes	10.299	106	309353	41.478	ug/l		98
69) o-Xylene	10.640	106	149592	21.083	ug/l		100
70) Styrene	10.652	104	259267	21.310	ug/l		100
71) Bromoform	10.799	173	58699	20.135	ug/l	#	100
73) Isopropylbenzene	10.963	105	399077	21.021	ug/l		100
74) N-amyl acetate	10.841	43	155675	20.558	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	113741	20.975	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	92003m	20.656	ug/l		
77) Bromobenzene	11.195	156	95957	21.073	ug/l		97
78) n-propylbenzene	11.298	91	476196	20.991	ug/l		100
79) 2-Chlorotoluene	11.359	91	278615	20.545	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	330824	21.093	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	31878	18.440	ug/l		94
82) 4-Chlorotoluene	11.451	91	331629	20.951	ug/l		99
83) tert-Butylbenzene	11.713	119	323819	20.571	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	328672	21.010	ug/l		100
85) sec-Butylbenzene	11.890	105	410930	20.892	ug/l		99
86) p-Isopropyltoluene	12.006	119	343591	21.065	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	179867	20.789	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	183173	20.897	ug/l		98
89) n-Butylbenzene	12.329	91	319940	20.916	ug/l		98
90) Hexachloroethane	12.536	117	58057	19.896	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	169749	20.528	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21427	20.585	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	111525	20.413	ug/l		99
94) Hexachlorobutadiene	13.719	225	39186	21.090	ug/l		96
95) Naphthalene	13.774	128	329630	20.581	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	107542	20.432	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

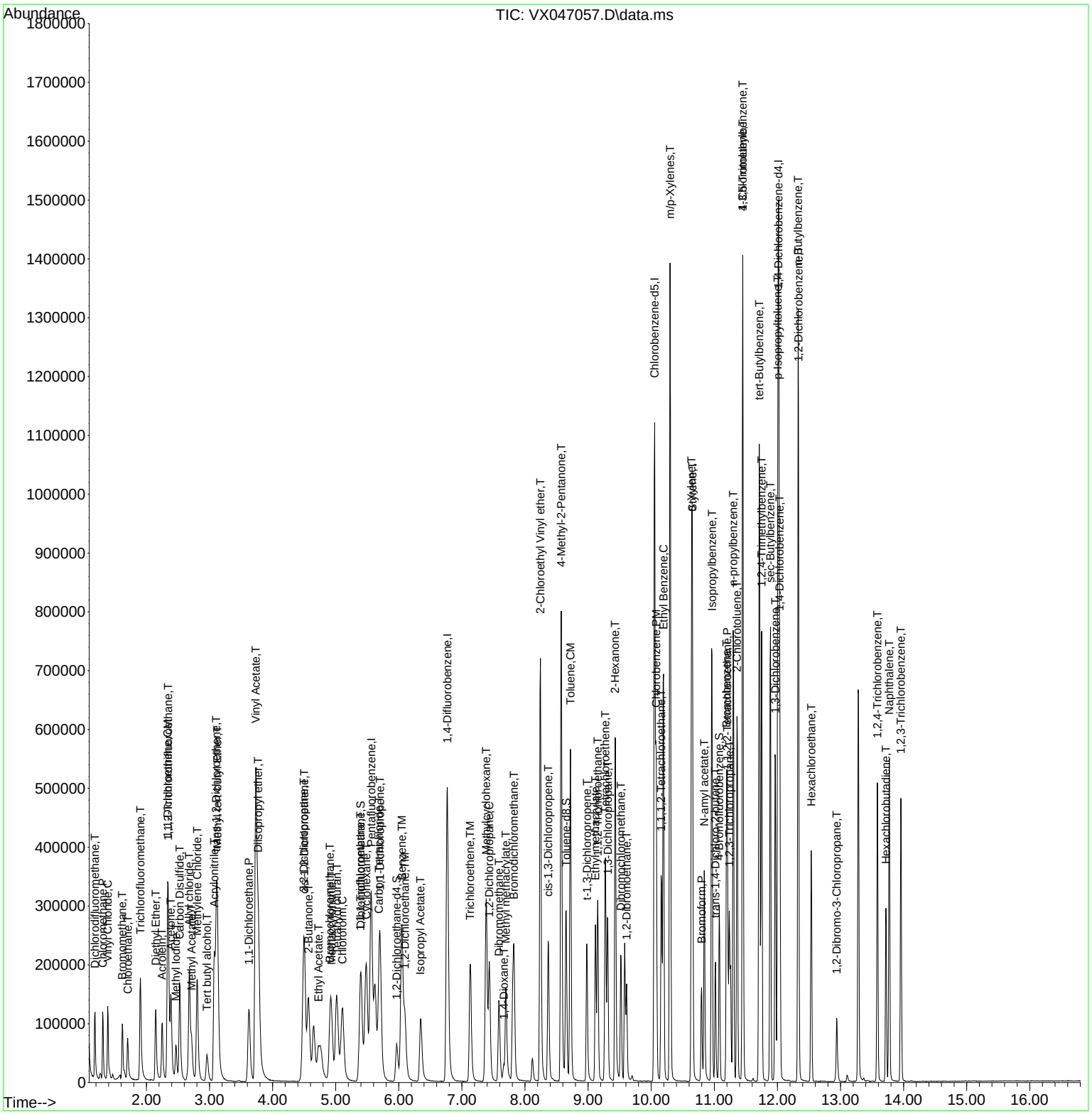
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	309883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	516282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	223799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178313	46.193	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.380%			
35) Dibromofluoromethane	5.397	113	152747	47.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.840%			
50) Toluene-d8	8.652	98	477108	46.217	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.440%			
62) 4-Bromofluorobenzene	11.079	95	211198	47.473	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	238090	57.844	ug/l	100
3) Chloromethane	1.306	50	216682	53.219	ug/l	100
4) Vinyl Chloride	1.386	62	241663	55.216	ug/l	100
5) Bromomethane	1.617	94	138734	58.354	ug/l	100
6) Chloroethane	1.703	64	145779	50.714	ug/l	100
7) Trichlorofluoromethane	1.904	101	358904	54.994	ug/l	100
8) Diethyl Ether	2.148	74	120887	52.535	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	209152	53.194	ug/l	100
10) Methyl Iodide	2.471	142	225356	56.237	ug/l	100
11) Tert butyl alcohol	2.958	59	113517	251.629	ug/l	100
12) 1,1-Dichloroethene	2.337	96	208894	53.640	ug/l	100
13) Acrolein	2.251	56	214749	258.372	ug/l	100
14) Allyl chloride	2.678	41	383854	54.528	ug/l	100
15) Acrylonitrile	3.074	53	510056	277.051	ug/l	100
16) Acetone	2.385	43	390060	252.239	ug/l	100
17) Carbon Disulfide	2.532	76	600045	53.261	ug/l	100
18) Methyl Acetate	2.715	43	213070	51.848	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	636699	53.721	ug/l	100
20) Methylene Chloride	2.806	84	223713	52.585	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	215393	54.049	ug/l	100
22) Diisopropyl ether	3.769	45	731970	54.083	ug/l	100
23) Vinyl Acetate	3.733	43	3005277	276.847	ug/l	100
24) 1,1-Dichloroethane	3.623	63	402810	53.522	ug/l	100
25) 2-Butanone	4.562	43	605614	268.961	ug/l	100
26) 2,2-Dichloropropane	4.489	77	303417	52.081	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	250112	53.001	ug/l	100
28) Bromochloromethane	4.909	49	188828	54.536	ug/l	100
29) Tetrahydrofuran	5.013	42	397391	273.532	ug/l	100
30) Chloroform	5.104	83	399454	52.141	ug/l	100
31) Cyclohexane	5.482	56	376396	52.159	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	349090	52.462	ug/l	100
36) 1,1-Dichloropropene	5.702	75	282151	51.926	ug/l	100
37) Ethyl Acetate	4.720	43	263866	55.103	ug/l	100
38) Carbon Tetrachloride	5.690	117	306989	52.934	ug/l	100
39) Methylcyclohexane	7.384	83	360702	53.168	ug/l	100
40) Benzene	6.043	78	851995	54.180	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	150516	57.494	ug/l	100
42) 1,2-Dichloroethane	6.098	62	297385	53.686	ug/l	100
43) Isopropyl Acetate	6.348	43	438617	56.192	ug/l	100
44) Trichloroethene	7.128	130	216747	53.751	ug/l	100
45) 1,2-Dichloropropane	7.433	63	210862	53.539	ug/l	100
46) Dibromomethane	7.586	93	151672	54.916	ug/l	100
47) Bromodichloromethane	7.823	83	318771	54.225	ug/l	100
48) Methyl methacrylate	7.695	41	227033	53.391	ug/l	100
49) 1,4-Dioxane	7.659	88	53924	1114.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1282299	276.384	ug/l	100
52) Toluene	8.720	92	524916	54.288	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	305568	55.044	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	337057	55.475	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	194314	53.587	ug/l	100
56) Ethyl methacrylate	9.116	69	307494	57.281	ug/l	100
57) 1,3-Dichloropropane	9.305	76	337106	53.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	833190	278.917	ug/l	100
59) 2-Hexanone	9.427	43	886635	289.252	ug/l	100
60) Dibromochloromethane	9.518	129	229147	53.881	ug/l	100
61) 1,2-Dibromoethane	9.610	107	204078	53.823	ug/l	100
64) Tetrachloroethene	9.274	164	174727	52.173	ug/l	100
65) Chlorobenzene	10.079	112	571696	52.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	194777	53.158	ug/l	100
67) Ethyl Benzene	10.195	91	1023986	53.812	ug/l	100
68) m/p-Xylenes	10.299	106	759689	106.683	ug/l	100
69) o-Xylene	10.640	106	364689	53.834	ug/l	100
70) Styrene	10.652	104	632474	54.447	ug/l	100
71) Bromoform	10.798	173	150938	54.228	ug/l	100
73) Isopropylbenzene	10.963	105	964411	54.621	ug/l	100
74) N-amyl acetate	10.841	43	399297	56.697	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	270685	53.670	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	221713m	53.523	ug/l	
77) Bromobenzene	11.195	156	227531	53.727	ug/l	100
78) n-propylbenzene	11.304	91	1145472	54.290	ug/l	100
79) 2-Chlorotoluene	11.359	91	677779	53.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	788518	54.057	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	87538	54.445	ug/l	100
82) 4-Chlorotoluene	11.451	91	798628	54.249	ug/l	100
83) tert-Butylbenzene	11.713	119	802592	54.819	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	800479	55.018	ug/l	100
85) sec-Butylbenzene	11.890	105	984328	53.809	ug/l	100
86) p-Isopropyltoluene	12.006	119	829044	54.651	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	427108	53.079	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	423743	51.978	ug/l	100
89) n-Butylbenzene	12.329	91	773506	54.372	ug/l	100
90) Hexachloroethane	12.536	117	146577	54.011	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	408192	53.076	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	53563	55.328	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	274012	53.926	ug/l	100
94) Hexachlorobutadiene	13.725	225	90816	52.553	ug/l	100
95) Naphthalene	13.774	128	839990	56.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	262282	53.580	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

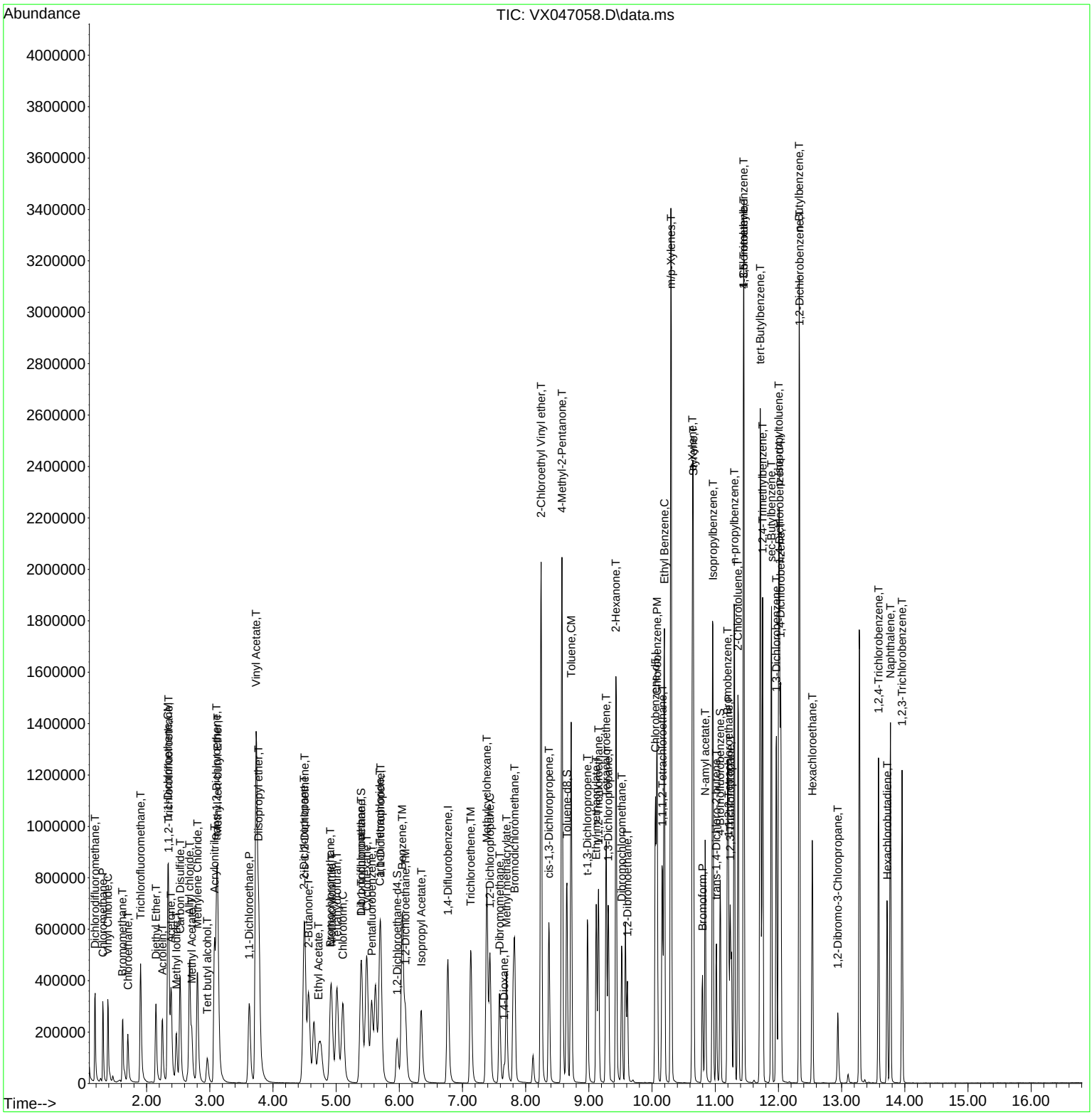
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	293211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	502636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358189	98.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 196.140%#			
35) Dibromofluoromethane	5.397	113	304077	97.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.960%#			
50) Toluene-d8	8.653	98	951189	94.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 189.280%#			
62) 4-Bromofluorobenzene	11.079	95	418790	96.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 193.380%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	422702	108.536	ug/l	98
3) Chloromethane	1.307	50	390958	101.483	ug/l	99
4) Vinyl Chloride	1.386	62	420036	101.428	ug/l	98
5) Bromomethane	1.611	94	207177	92.097	ug/l	96
6) Chloroethane	1.697	64	248151	91.235	ug/l	98
7) Trichlorofluoromethane	1.898	101	618083	100.093	ug/l	99
8) Diethyl Ether	2.148	74	214962	98.730	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	367465	98.771	ug/l	100
10) Methyl Iodide	2.465	142	421251	111.100	ug/l	99
11) Tert butyl alcohol	2.965	59	207609	496.373	ug/l	98
12) 1,1-Dichloroethene	2.337	96	365672	99.237	ug/l	96
13) Acrolein	2.245	56	390297	496.280	ug/l	99
14) Allyl chloride	2.678	41	668038	100.294	ug/l	99
15) Acrylonitrile	3.075	53	895719	514.199	ug/l	99
16) Acetone	2.386	43	680698	465.214	ug/l	99
17) Carbon Disulfide	2.526	76	1045599	98.086	ug/l	100
18) Methyl Acetate	2.715	43	381521	98.118	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1109184	98.907	ug/l	100
20) Methylene Chloride	2.806	84	382904	95.122	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	370810	98.339	ug/l	97
22) Diisopropyl ether	3.770	45	1246566	97.342	ug/l	99
23) Vinyl Acetate	3.733	43	5255654	511.682	ug/l	100
24) 1,1-Dichloroethane	3.623	63	690059	96.903	ug/l	99
25) 2-Butanone	4.562	43	1064894	499.825	ug/l	99
26) 2,2-Dichloropropane	4.489	77	534633	96.986	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	433236	97.026	ug/l	99
28) Bromochloromethane	4.910	49	327531	99.974	ug/l	100
29) Tetrahydrofuran	5.013	42	696538	506.702	ug/l	99
30) Chloroform	5.105	83	688904	95.036	ug/l	98
31) Cyclohexane	5.483	56	644257	94.354	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	610295	96.931	ug/l	99
36) 1,1-Dichloropropene	5.702	75	486962	92.052	ug/l	99
37) Ethyl Acetate	4.721	43	464215	99.573	ug/l	99
38) Carbon Tetrachloride	5.690	117	534117	94.597	ug/l	99
39) Methylcyclohexane	7.385	83	643495	97.426	ug/l	98
40) Benzene	6.050	78	1458721	95.282	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	266722	104.648	ug/l		99
42) 1,2-Dichloroethane	6.092	62	514986	95.493	ug/l		99
43) Isopropyl Acetate	6.342	43	782743	103.002	ug/l		99
44) Trichloroethene	7.129	130	372515	94.887	ug/l		99
45) 1,2-Dichloropropane	7.434	63	364769	95.131	ug/l		97
46) Dibromomethane	7.586	93	262070	97.464	ug/l		100
47) Bromodichloromethane	7.824	83	545715	95.349	ug/l		98
48) Methyl methacrylate	7.696	41	406578	98.210	ug/l		100
49) 1,4-Dioxane	7.659	88	97685	2074.633	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	2213299	490.000	ug/l		100
52) Toluene	8.720	92	900379	95.648	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	550435	101.846	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	595662	100.700	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	333552	94.482	ug/l		99
56) Ethyl methacrylate	9.116	69	546929	104.649	ug/l		99
57) 1,3-Dichloropropane	9.311	76	579525	94.454	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	1489901	512.296	ug/l		100
59) 2-Hexanone	9.433	43	1534390	514.162	ug/l		99
60) Dibromochloromethane	9.519	129	400453	96.718	ug/l		100
61) 1,2-Dibromoethane	9.610	107	350348	94.909	ug/l		99
64) Tetrachloroethene	9.275	164	299042	93.490	ug/l		96
65) Chlorobenzene	10.079	112	988883	95.134	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	338141	96.621	ug/l		99
67) Ethyl Benzene	10.195	91	1752485	96.425	ug/l		99
68) m/p-Xylenes	10.299	106	1302405	191.494	ug/l		99
69) o-Xylene	10.640	106	624795	96.565	ug/l		99
70) Styrene	10.652	104	1072801	96.694	ug/l		100
71) Bromoform	10.799	173	259124	97.473	ug/l	#	99
73) Isopropylbenzene	10.963	105	1645804	99.034	ug/l		100
74) N-amyl acetate	10.841	43	698465	105.369	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	457057	96.283	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	380871m	97.686	ug/l		
77) Bromobenzene	11.195	156	389788	97.789	ug/l		99
78) n-propylbenzene	11.305	91	1945548	97.969	ug/l		99
79) 2-Chlorotoluene	11.366	91	1150165	96.889	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	1340151	97.612	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	158030	104.426	ug/l		97
82) 4-Chlorotoluene	11.451	91	1340796	96.766	ug/l		99
83) tert-Butylbenzene	11.713	119	1347206	97.765	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	1346982	98.362	ug/l		99
85) sec-Butylbenzene	11.890	105	1682208	97.702	ug/l		100
86) p-Isopropyltoluene	12.006	119	1404678	98.379	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	717851	94.782	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	726014	94.617	ug/l		98
89) n-Butylbenzene	12.329	91	1323274	98.826	ug/l		100
90) Hexachloroethane	12.536	117	260929	102.152	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	684462	94.557	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	97209	106.683	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	481866	100.755	ug/l		100
94) Hexachlorobutadiene	13.725	225	165153	101.539	ug/l		98
95) Naphthalene	13.774	128	1474039	105.135	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	464244	100.760	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

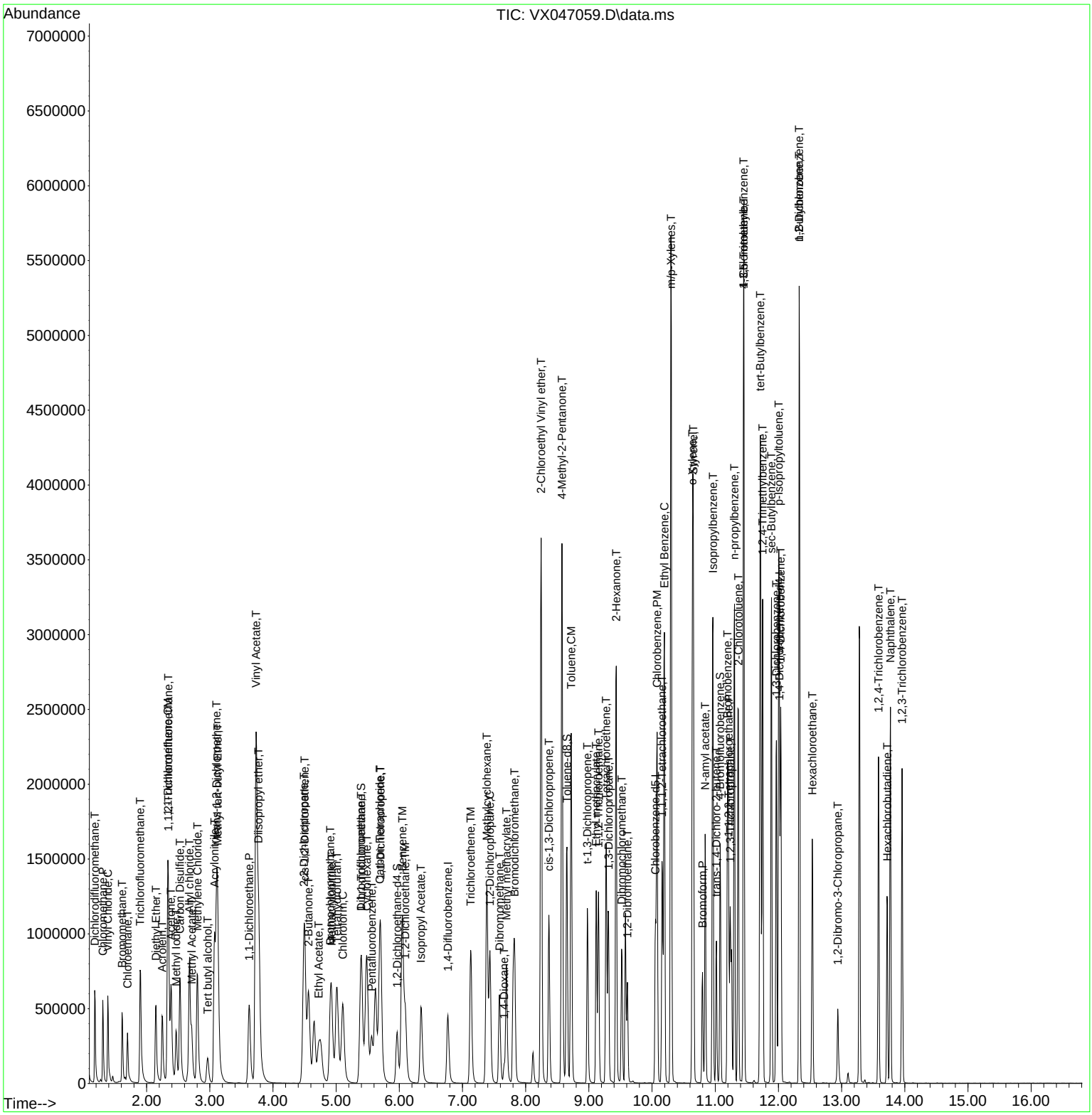
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.562	168	281238	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	475828	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420817	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196123	50.000 ug/l	# 0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.964	65	547497	156.279 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 312.560%#		
35) Dibromofluoromethane	5.397	113	468188	159.361 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 318.720%#		
50) Toluene-d8	8.653	98	1448057	152.197 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.400%#		
62) 4-Bromofluorobenzene	11.079	95	635473	154.987 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.980%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.179	85	614977	164.628 ug/l	99
3) Chloromethane	1.307	50	591309	160.024 ug/l	98
4) Vinyl Chloride	1.386	62	609982	153.566 ug/l	100
5) Bromomethane	1.612	94	260740	120.842 ug/l	96
6) Chloroethane	1.691	64	357637	137.087 ug/l	99
7) Trichlorofluoromethane	1.898	101	903925	152.614 ug/l	99
8) Diethyl Ether	2.148	74	312592	149.683 ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	532594	149.251 ug/l	99
10) Methyl Iodide	2.465	142	640817	176.203 ug/l	99
11) Tert butyl alcohol	2.971	59	299604	752.233 ug/l	97
12) 1,1-Dichloroethene	2.331	96	527730	149.314 ug/l	98
13) Acrolein	2.246	56	563218	746.645 ug/l	99
14) Allyl chloride	2.678	41	964459	150.960 ug/l	99
15) Acrylonitrile	3.075	53	1274179	762.599 ug/l	99
16) Acetone	2.392	43	975640	695.175 ug/l	100
17) Carbon Disulfide	2.526	76	1523226	148.974 ug/l	99
18) Methyl Acetate	2.715	43	558406	149.722 ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1616941	150.323 ug/l	99
20) Methylene Chloride	2.800	84	548865	142.156 ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	533003	147.371 ug/l	97
22) Diisopropyl ether	3.770	45	1792018	145.892 ug/l	97
23) Vinyl Acetate	3.733	43	7515505	762.847 ug/l	99
24) 1,1-Dichloroethane	3.623	63	1006940	147.421 ug/l	99
25) 2-Butanone	4.562	43	1525049	746.280 ug/l	98
26) 2,2-Dichloropropane	4.489	77	790347	149.478 ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	627302	146.469 ug/l	99
28) Bromochloromethane	4.910	49	464333	147.764 ug/l	100
29) Tetrahydrofuran	5.013	42	995703	755.168 ug/l	99
30) Chloroform	5.105	83	982491	141.308 ug/l	97
31) Cyclohexane	5.483	56	928560	141.781 ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	892102	147.721 ug/l	98
36) 1,1-Dichloropropene	5.702	75	707227	141.221 ug/l	99
37) Ethyl Acetate	4.721	43	664604	150.587 ug/l	99
38) Carbon Tetrachloride	5.690	117	771081	144.260 ug/l	99
39) Methylcyclohexane	7.385	83	932504	149.137 ug/l	98
40) Benzene	6.044	78	2112753	145.777 ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	373711	154.886	ug/l		98
42) 1,2-Dichloroethane	6.092	62	737991	144.555	ug/l		99
43) Isopropyl Acetate	6.342	43	1145157	159.182	ug/l		99
44) Trichloroethene	7.129	130	547123	147.215	ug/l		97
45) 1,2-Dichloropropane	7.434	63	529204	145.791	ug/l		97
46) Dibromomethane	7.586	93	381666	149.938	ug/l		99
47) Bromodichloromethane	7.824	83	794793	146.693	ug/l		99
48) Methyl methacrylate	7.696	41	589190	150.339	ug/l		99
49) 1,4-Dioxane	7.665	88	141473	3173.881	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	3143746	735.203	ug/l		100
52) Toluene	8.720	92	1298426	145.703	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	802670	156.884	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	876033	156.442	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	478247	143.101	ug/l		99
56) Ethyl methacrylate	9.116	69	791875	160.053	ug/l		99
57) 1,3-Dichloropropane	9.305	76	823631	141.802	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	2120903	770.350	ug/l		99
59) 2-Hexanone	9.433	43	2172764	769.096	ug/l		99
60) Dibromochloromethane	9.519	129	583183	148.786	ug/l		99
61) 1,2-Dibromoethane	9.610	107	500995	143.366	ug/l		99
64) Tetrachloroethene	9.275	164	433805	142.999	ug/l		98
65) Chlorobenzene	10.079	112	1432482	145.306	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	495347	149.242	ug/l		98
67) Ethyl Benzene	10.195	91	2508990	145.559	ug/l		100
68) m/p-Xylenes	10.299	106	1848008	286.495	ug/l		98
69) o-Xylene	10.640	106	897705	146.292	ug/l		100
70) Styrene	10.653	104	1538516	146.214	ug/l		99
71) Bromoform	10.799	173	377881	149.877	ug/l	#	100
73) Isopropylbenzene	10.963	105	2341028	151.299	ug/l		99
74) N-amyl acetate	10.842	43	1017450	164.856	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	649081	146.858	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	542883m	149.549	ug/l		
77) Bromobenzene	11.195	156	555966	149.806	ug/l		99
78) n-propylbenzene	11.305	91	2790577	150.924	ug/l		99
79) 2-Chlorotoluene	11.366	91	1641174	148.487	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	1921023	150.280	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	234105	166.150	ug/l		95
82) 4-Chlorotoluene	11.451	91	1901346	147.381	ug/l		99
83) tert-Butylbenzene	11.713	119	1941048	151.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	1923088	150.829	ug/l		100
85) sec-Butylbenzene	11.890	105	2386553	148.873	ug/l		100
86) p-Isopropyltoluene	12.006	119	2001346	150.546	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	1044993	148.192	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	1039670	145.525	ug/l		98
89) n-Butylbenzene	12.329	91	1874924	150.392	ug/l		99
90) Hexachloroethane	12.536	117	376780	158.429	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	994860	147.614	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	142395	167.843	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	691853	155.373	ug/l		100
94) Hexachlorobutadiene	13.725	225	224504	148.249	ug/l		97
95) Naphthalene	13.774	128	2171681	166.363	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	662501	154.436	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

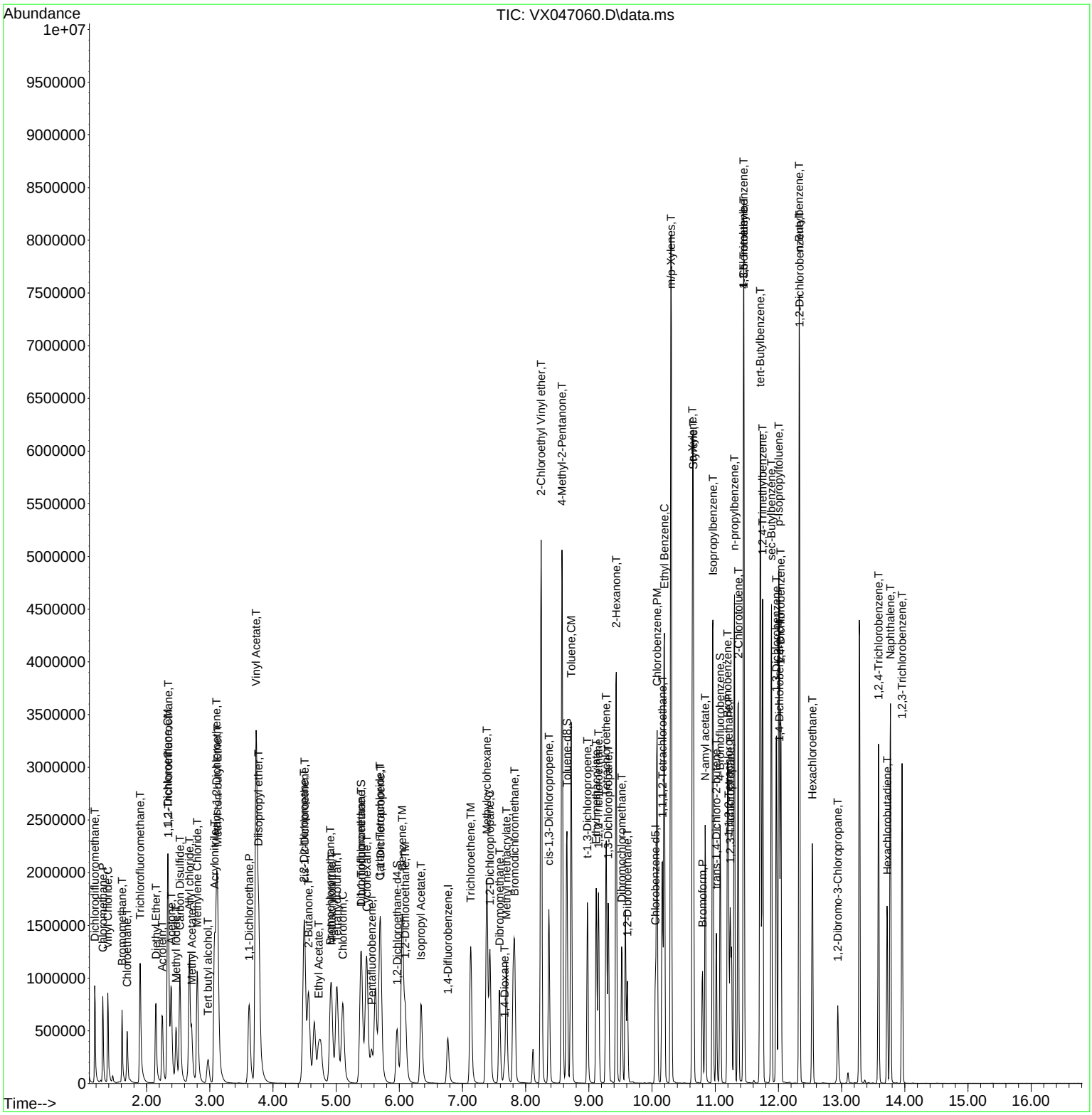
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	353932	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	594788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	516907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176451	40.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.040%		
35) Dibromofluoromethane	5.385	113	155150	42.247	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.500%		
50) Toluene-d8	8.647	98	476939	40.102	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.200%#		
62) 4-Bromofluorobenzene	11.079	95	209003	40.779	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.560%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	240944	51.252	ug/l	99
3) Chloromethane	1.307	50	220344	47.383	ug/l	100
4) Vinyl Chloride	1.386	62	244133	48.838	ug/l	100
5) Bromomethane	1.618	94	153243	56.435	ug/l	97
6) Chloroethane	1.703	64	146679	44.676	ug/l	96
7) Trichlorofluoromethane	1.904	101	354446	47.552	ug/l	96
8) Diethyl Ether	2.142	74	122150	46.477	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	211536	47.104	ug/l	99
10) Methyl Iodide	2.465	142	206176	45.047	ug/l	97
11) Tert butyl alcohol	2.953	59	107694	207.194	ug/l	99
12) 1,1-Dichloroethene	2.331	96	207074	46.555	ug/l	98
13) Acrolein	2.245	56	197909	208.477	ug/l	99
14) Allyl chloride	2.678	41	375824	46.743	ug/l	99
15) Acrylonitrile	3.069	53	485401	230.845	ug/l	100
16) Acetone	2.386	43	407681	230.823	ug/l	95
17) Carbon Disulfide	2.526	76	588590	45.742	ug/l	99
18) Methyl Acetate	2.709	43	206733	44.045	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	613097	45.291	ug/l	98
20) Methylene Chloride	2.800	84	218853	45.041	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	210229	46.188	ug/l	98
22) Diisopropyl ether	3.764	45	712919	46.119	ug/l	96
23) Vinyl Acetate	3.727	43	2900485	233.940	ug/l	100
24) 1,1-Dichloroethane	3.617	63	388232	45.165	ug/l	100
25) 2-Butanone	4.556	43	562934	218.892	ug/l	100
26) 2,2-Dichloropropane	4.483	77	308018	46.290	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	242036	44.906	ug/l	99
28) Bromochloromethane	4.904	49	186533	47.168	ug/l	100
29) Tetrahydrofuran	5.001	42	360837	217.460	ug/l	99
30) Chloroform	5.093	83	382651	43.731	ug/l	100
31) Cyclohexane	5.477	56	359502	43.618	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	336918	44.331	ug/l	99
36) 1,1-Dichloropropene	5.696	75	272074	43.463	ug/l	99
37) Ethyl Acetate	4.715	43	244468	42.381	ug/l	99
38) Carbon Tetrachloride	5.678	117	295708	44.259	ug/l	98
39) Methylcyclohexane	7.379	83	344962	44.136	ug/l	99
40) Benzene	6.038	78	802625	44.304	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	138183	45.816	ug/l	97
42) 1,2-Dichloroethane	6.086	62	283205	44.378	ug/l	99
43) Isopropyl Acetate	6.336	43	409733	45.564	ug/l	99
44) Trichloroethene	7.123	130	202817	43.658	ug/l	98
45) 1,2-Dichloropropane	7.428	63	200065	44.093	ug/l	98
46) Dibromomethane	7.580	93	143569	45.121	ug/l	99
47) Bromodichloromethane	7.818	83	301133	44.463	ug/l	99
48) Methyl methacrylate	7.690	41	208228	42.505	ug/l	99
49) 1,4-Dioxane	7.653	88	51080m	916.760	ug/l	
51) 4-Methyl-2-Pentanone	8.568	43	1164013	217.774	ug/l	100
52) Toluene	8.714	92	498799	44.778	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	290633	45.444	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	322967	46.140	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	180762	43.270	ug/l	99
56) Ethyl methacrylate	9.116	69	286552	46.334	ug/l	100
57) 1,3-Dichloropropane	9.305	76	314736	43.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	774980	225.188	ug/l	100
59) 2-Hexanone	9.427	43	807822	228.755	ug/l	100
60) Dibromochloromethane	9.519	129	216749	44.239	ug/l	100
61) 1,2-Dibromoethane	9.604	107	188713	43.202	ug/l	99
64) Tetrachloroethene	9.269	164	164447	44.131	ug/l	96
65) Chlorobenzene	10.073	112	536664	44.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	181544	44.529	ug/l	99
67) Ethyl Benzene	10.189	91	952288	44.977	ug/l	100
68) m/p-Xylenes	10.299	106	709639	89.564	ug/l	100
69) o-Xylene	10.640	106	341662	45.328	ug/l	99
70) Styrene	10.653	104	589610	45.618	ug/l	100
71) Bromoform	10.799	173	136594	44.106	ug/l	100
73) Isopropylbenzene	10.957	105	903154	46.708	ug/l	100
74) N-amyl acetate	10.842	43	360744	46.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	248756	45.037	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209195m	46.113	ug/l	
77) Bromobenzene	11.195	156	215391	46.441	ug/l	98
78) n-propylbenzene	11.299	91	1081658	46.812	ug/l	100
79) 2-Chlorotoluene	11.360	91	631252	45.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	737827	46.187	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	79906	45.380	ug/l	97
82) 4-Chlorotoluene	11.451	91	749299	46.476	ug/l	99
83) tert-Butylbenzene	11.713	119	752650	46.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	744757	46.741	ug/l	99
85) sec-Butylbenzene	11.890	105	934198	46.632	ug/l	99
86) p-Isopropyltoluene	12.006	119	773508	46.560	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	400520	45.450	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	398497	44.634	ug/l	98
89) n-Butylbenzene	12.329	91	735386	47.201	ug/l	99
90) Hexachloroethane	12.536	117	138697	46.667	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	373286	44.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47608	44.904	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	261487	46.990	ug/l	99
94) Hexachlorobutadiene	13.725	225	86113	45.502	ug/l	99
95) Naphthalene	13.774	128	755367	46.304	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	241137	44.980	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

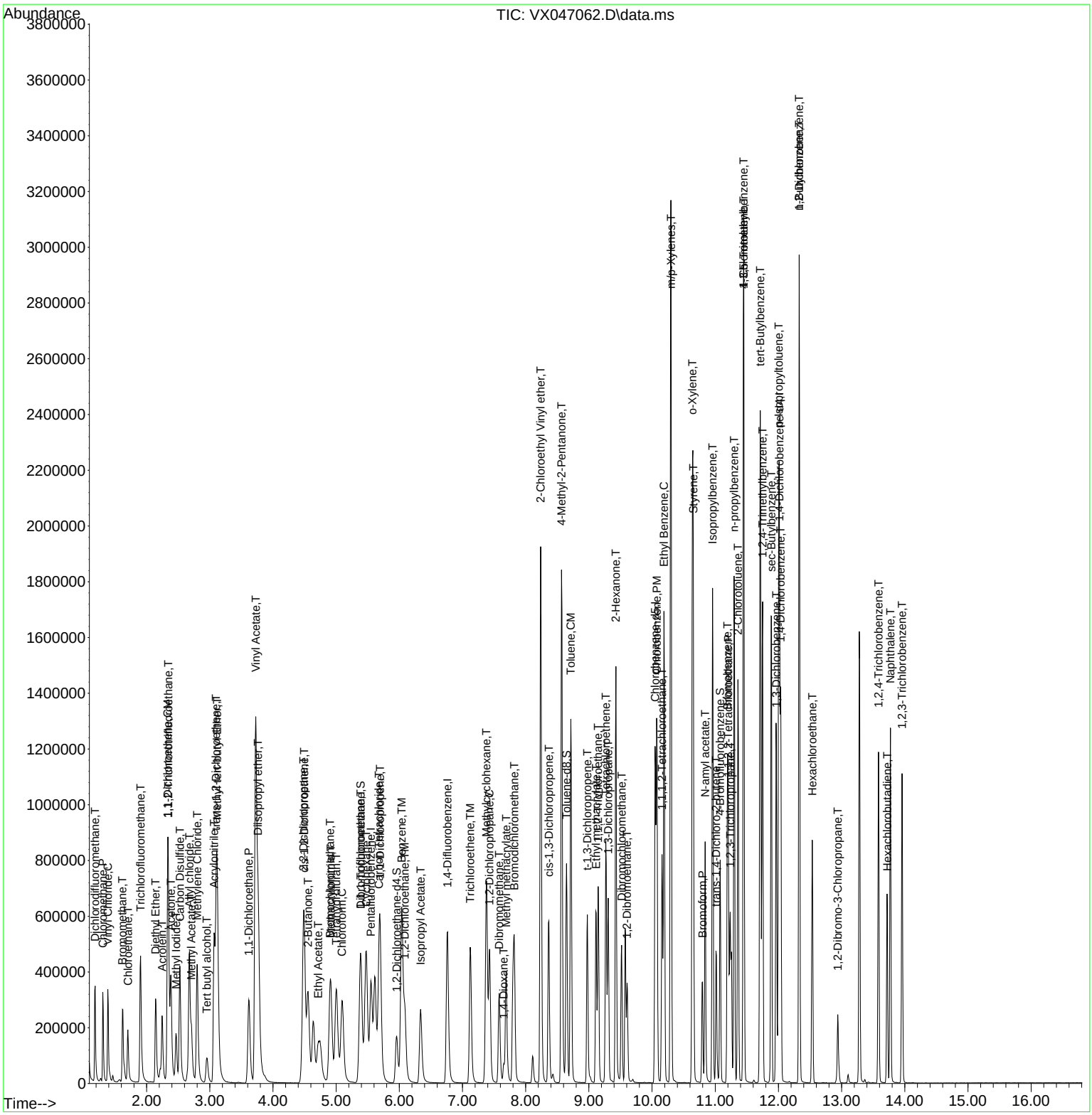
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	114	-0.01
2	T	Dichlorodifluoromethane	50.000	51.252	-2.5	101	0.00
3	P	Chloromethane	50.000	47.383	5.2	102	0.00
4	C	Vinyl Chloride	50.000	48.838	2.3#	101	0.00
5	T	Bromomethane	50.000	56.435	-12.9	110	0.00
6	T	Chloroethane	50.000	44.676	10.6	101	0.00
7	T	Trichlorofluoromethane	50.000	47.552	4.9	99	0.00
8	T	Diethyl Ether	50.000	46.477	7.0	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.104	5.8	101	0.00
10	T	Methyl Iodide	50.000	45.047	9.9	91	0.00
11	T	Tert butyl alcohol	250.000	207.194	17.1	95	0.00
12	CM	1,1-Dichloroethene	50.000	46.555	6.9#	99	0.00
13	T	Acrolein	250.000	208.477	16.6	92	0.00
14	T	Allyl chloride	50.000	46.743	6.5	98	0.00
15	T	Acrylonitrile	250.000	230.845	7.7	95	0.00
16	T	Acetone	250.000	230.823	7.7	105	0.00
17	T	Carbon Disulfide	50.000	45.742	8.5	98	0.00
18	T	Methyl Acetate	50.000	44.045	11.9	97	0.00
19	T	Methyl tert-butyl Ether	50.000	45.291	9.4	96	0.00
20	T	Methylene Chloride	50.000	45.041	9.9	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.188	7.6	98	0.00
22	T	Diisopropyl ether	50.000	46.119	7.8	97	0.00
23	T	Vinyl Acetate	250.000	233.940	6.4	97	0.00
24	P	1,1-Dichloroethane	50.000	45.165	9.7	96	0.00
25	T	2-Butanone	250.000	218.892	12.4	93	0.00
26	T	2,2-Dichloropropane	50.000	46.290	7.4	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.906	10.2	97	0.00
28	T	Bromochloromethane	50.000	47.168	5.7	99	0.00
29	T	Tetrahydrofuran	250.000	217.460	13.0	91	-0.01
30	C	Chloroform	50.000	43.731	12.5#	96	-0.01
31	T	Cyclohexane	50.000	43.618	12.8	96	0.00
32	T	1,1,1-Trichloroethane	50.000	44.331	11.3	97	-0.01
33	S	1,2-Dichloroethane-d4	50.000	40.022	20.0	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35	S	Dibromofluoromethane	50.000	42.247	15.5	102	-0.01
36	T	1,1-Dichloropropene	50.000	43.463	13.1	96	0.00
37	T	Ethyl Acetate	50.000	42.381	15.2	93	0.00
38	T	Carbon Tetrachloride	50.000	44.259	11.5	96	-0.01
39	T	Methylcyclohexane	50.000	44.136	11.7	96	0.00
40	TM	Benzene	50.000	44.304	11.4	94	0.00
41	T	Methacrylonitrile	50.000	45.816	8.4	92	-0.01
42	TM	1,2-Dichloroethane	50.000	44.378	11.2	95	-0.01
43	T	Isopropyl Acetate	50.000	45.564	8.9	93	-0.01
44	TM	Trichloroethene	50.000	43.658	12.7	94	0.00
45	C	1,2-Dichloropropane	50.000	44.093	11.8#	95	0.00
46	T	Dibromomethane	50.000	45.121	9.8	95	0.00
47	T	Bromodichloromethane	50.000	44.463	11.1	94	0.00
48	T	Methyl methacrylate	50.000	42.505	15.0	92	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	916.760	8.3	95	0.00
50	S	Toluene-d8	50.000	40.102	19.8	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.774	12.9	91	0.00
52	CM	Toluene	50.000	44.778	10.4#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	45.444	9.1	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.140	7.7	96	0.00
55	T	1,1,2-Trichloroethane	50.000	43.270	13.5	93	0.00
56	T	Ethyl methacrylate	50.000	46.334	7.3	93	0.00
57	T	1,3-Dichloropropane	50.000	43.350	13.3	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.188	9.9	93	0.00
59	T	2-Hexanone	250.000	228.755	8.5	91	0.00
60	T	Dibromochloromethane	50.000	44.239	11.5	95	0.00
61	T	1,2-Dibromoethane	50.000	43.202	13.6	92	0.00
62	S	4-Bromofluorobenzene	50.000	40.779	18.4	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	44.131	11.7	94	0.00
65	PM	Chlorobenzene	50.000	44.318	11.4	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.529	10.9	93	0.00
67	C	Ethyl Benzene	50.000	44.977	10.0#	93	0.00
68	T	m/p-Xylenes	100.000	89.564	10.4	93	0.00
69	T	o-Xylene	50.000	45.328	9.3	94	0.00
70	T	Styrene	50.000	45.618	8.8	93	0.00
71	P	Bromoform	50.000	44.106	11.8	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	46.708	6.6	94	0.00
74	T	N-amyl acetate	50.000	46.238	7.5	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.037	9.9	92	0.00
76	T	1,2,3-Trichloropropane	50.000	46.113	7.8	94	0.00
77	T	Bromobenzene	50.000	46.441	7.1	95	0.00
78	T	n-propylbenzene	50.000	46.812	6.4	94	0.00
79	T	2-Chlorotoluene	50.000	45.702	8.6	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.187	7.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.380	9.2	91	0.00
82	T	4-Chlorotoluene	50.000	46.476	7.0	94	0.00
83	T	tert-Butylbenzene	50.000	46.942	6.1	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.741	6.5	93	0.00
85	T	sec-Butylbenzene	50.000	46.632	6.7	95	0.00
86	T	p-Isopropyltoluene	50.000	46.560	6.9	93	0.00
87	T	1,3-Dichlorobenzene	50.000	45.450	9.1	94	0.00
88	T	1,4-Dichlorobenzene	50.000	44.634	10.7	94	0.00
89	T	n-Butylbenzene	50.000	47.201	5.6	95	0.00
90	T	Hexachloroethane	50.000	46.667	6.7	95	0.00
91	T	1,2-Dichlorobenzene	50.000	44.320	11.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.904	10.2	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.990	6.0	95	0.00
94	T	Hexachlorobutadiene	50.000	45.502	9.0	95	0.00
95	T	Naphthalene	50.000	46.304	7.4	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	44.980	10.0	92	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\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	114	-0.01
2	T	Dichlorodifluoromethane	0.664	0.681	-2.6	101	0.00
3	P	Chloromethane	0.657	0.623	5.2	102	0.00
4	C	Vinyl Chloride	0.706	0.690	2.3#	101	0.00
5	T	Bromomethane	0.384	0.433	-12.8	110	0.00
6	T	Chloroethane	0.464	0.414	10.8	101	0.00
7	T	Trichlorofluoromethane	1.053	1.001	4.9	99	0.00
8	T	Diethyl Ether	0.371	0.345	7.0	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.598	5.7	101	0.00
10	T	Methyl Iodide	0.647	0.583	9.9	91	0.00
11	T	Tert butyl alcohol	0.080	0.061	23.8	95	0.00
12	CM	1,1-Dichloroethene	0.628	0.585	6.8#	99	0.00
13	T	Acrolein	0.134	0.112	16.4	92	0.00
14	T	Allyl chloride	1.136	1.062	6.5	98	0.00
15	T	Acrylonitrile	0.297	0.274	7.7	95	0.00
16	T	Acetone	0.250	0.230	8.0	105	0.00
17	T	Carbon Disulfide	1.818	1.663	8.5	98	0.00
18	T	Methyl Acetate	0.663	0.584	11.9	97	0.00
19	T	Methyl tert-butyl Ether	1.912	1.732	9.4	96	0.00
20	T	Methylene Chloride	0.686	0.618	9.9	98	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.594	7.6	98	0.00
22	T	Diisopropyl ether	2.184	2.014	7.8	97	0.00
23	T	Vinyl Acetate	1.752	1.639	6.4	97	0.00
24	P	1,1-Dichloroethane	1.214	1.097	9.6	96	0.00
25	T	2-Butanone	0.363	0.318	12.4	93	0.00
26	T	2,2-Dichloropropane	0.940	0.870	7.4	102	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.684	10.1	97	0.00
28	T	Bromochloromethane	0.559	0.527	5.7	99	0.00
29	T	Tetrahydrofuran	0.234	0.204	12.8	91	-0.01
30	C	Chloroform	1.236	1.081	12.5#	96	-0.01
31	T	Cyclohexane	1.164	1.016	12.7	96	0.00
32	T	1,1,1-Trichloroethane	1.074	0.952	11.4	97	-0.01
33	S	1,2-Dichloroethane-d4	0.623	0.499	19.9	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35	S	Dibromofluoromethane	0.309	0.261	15.5	102	-0.01
36	T	1,1-Dichloropropene	0.526	0.457	13.1	96	0.00
37	T	Ethyl Acetate	0.485	0.411	15.3	93	0.00
38	T	Carbon Tetrachloride	0.562	0.497	11.6	96	-0.01
39	T	Methylcyclohexane	0.657	0.580	11.7	96	0.00
40	TM	Benzene	1.523	1.349	11.4	94	0.00
41	T	Methacrylonitrile	0.254	0.232	8.7	92	-0.01
42	TM	1,2-Dichloroethane	0.536	0.476	11.2	95	-0.01
43	T	Isopropyl Acetate	0.756	0.689	8.9	93	-0.01
44	TM	Trichloroethene	0.391	0.341	12.8	94	0.00
45	C	1,2-Dichloropropane	0.381	0.336	11.8#	95	0.00
46	T	Dibromomethane	0.267	0.241	9.7	95	0.00
47	T	Bromodichloromethane	0.569	0.506	11.1	94	0.00
48	T	Methyl methacrylate	0.412	0.350	15.0	92	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	0.005	0.004	20.0	95	0.00
50	S	Toluene-d8	1.000	0.802	19.8	100	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.391	12.9	91	0.00
52	CM	Toluene	0.936	0.839	10.4#	95	0.00
53	T	t-1,3-Dichloropropene	0.538	0.489	9.1	95	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.543	7.7	96	0.00
55	T	1,1,2-Trichloroethane	0.351	0.304	13.4	93	0.00
56	T	Ethyl methacrylate	0.520	0.482	7.3	93	0.00
57	T	1,3-Dichloropropane	0.610	0.529	13.3	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.261	9.7	93	0.00
59	T	2-Hexanone	0.297	0.272	8.4	91	0.00
60	T	Dibromochloromethane	0.412	0.364	11.7	95	0.00
61	T	1,2-Dibromoethane	0.367	0.317	13.6	92	0.00
62	S	4-Bromofluorobenzene	0.431	0.351	18.6	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64	T	Tetrachloroethene	0.360	0.318	11.7	94	0.00
65	PM	Chlorobenzene	1.171	1.038	11.4	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.351	10.9	93	0.00
67	C	Ethyl Benzene	2.048	1.842	10.1#	93	0.00
68	T	m/p-Xylenes	0.766	0.686	10.4	93	0.00
69	T	o-Xylene	0.729	0.661	9.3	94	0.00
70	T	Styrene	1.250	1.141	8.7	93	0.00
71	P	Bromoform	0.300	0.264	12.0	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73	T	Isopropylbenzene	3.945	3.685	6.6	94	0.00
74	T	N-amyl acetate	1.592	1.472	7.5	90	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.015	9.9	92	0.00
76	T	1,2,3-Trichloropropane	0.925	0.854	7.7	94	0.00
77	T	Bromobenzene	0.946	0.879	7.1	95	0.00
78	T	n-propylbenzene	4.714	4.413	6.4	94	0.00
79	T	2-Chlorotoluene	2.818	2.576	8.6	93	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.010	7.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.326	9.2	91	0.00
82	T	4-Chlorotoluene	3.289	3.057	7.1	94	0.00
83	T	tert-Butylbenzene	3.271	3.071	6.1	94	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.039	6.5	93	0.00
85	T	sec-Butylbenzene	4.087	3.812	6.7	95	0.00
86	T	p-Isopropyltoluene	3.389	3.156	6.9	93	0.00
87	T	1,3-Dichlorobenzene	1.798	1.634	9.1	94	0.00
88	T	1,4-Dichlorobenzene	1.821	1.626	10.7	94	0.00
89	T	n-Butylbenzene	3.178	3.000	5.6	95	0.00
90	T	Hexachloroethane	0.606	0.566	6.6	95	0.00
91	T	1,2-Dichlorobenzene	1.718	1.523	11.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.194	10.2	89	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.067	6.0	95	0.00
94	T	Hexachlorobutadiene	0.386	0.351	9.1	95	0.00
95	T	Naphthalene	3.328	3.082	7.4	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	1.094	0.984	10.1	92	0.00

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

Raw Data: **VX047179.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.: Q2733

Instrument ID: MSVOA_X Calibration Date/Time: 07/30/2025 09:14

Lab File ID: VX047179.D Init. Calib. Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Methyl tert-butyl Ether	1.912	2.033		6.33	20
Carbon Tetrachloride	0.562	0.536		-4.63	20
Chloroform	1.236	1.227		-0.73	20
1,1,1-Trichloroethane	1.074	1.068		-0.56	20
Benzene	1.523	1.437		-5.65	20
Toluene	0.936	0.877		-6.3	20
Tetrachloroethene	0.360	0.334		-7.22	20
Ethyl Benzene	2.048	1.924		-6.05	20
m/p-Xylenes	0.766	0.719		-6.14	20
o-Xylene	0.729	0.696		-4.53	20
1,2-Dichloroethane-d4	0.623	0.684		9.79	20
Dibromofluoromethane	0.309	0.336		8.74	20
Toluene-d8	1.000	1.001		0.1	20
4-Bromofluorobenzene	0.431	0.442		2.55	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\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	284486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	498230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	431603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194686	54.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.880%			
35) Dibromofluoromethane	5.391	113	167375	54.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	8.647	98	498746	50.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.079	95	220154	51.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	200111	52.958	ug/l	97
3) Chloromethane	1.313	50	174323	46.638	ug/l	98
4) Vinyl Chloride	1.392	62	214724	53.441	ug/l	97
5) Bromomethane	1.630	94	100854	46.208	ug/l	97
6) Chloroethane	1.703	64	123550	46.818	ug/l	99
7) Trichlorofluoromethane	1.904	101	310898	51.891	ug/l	94
8) Diethyl Ether	2.142	74	109386	51.781	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	178836	49.544	ug/l	99
10) Methyl Iodide	2.471	142	263791	71.705	ug/l	98
11) Tert butyl alcohol	2.953	59	104930	253.432	ug/l	98
12) 1,1-Dichloroethene	2.337	96	181234	50.692	ug/l	97
13) Acrolein	2.245	56	163997	214.925	ug/l	99
14) Allyl chloride	2.678	41	279986	43.324	ug/l	96
15) Acrylonitrile	3.075	53	440137	260.415	ug/l	99
16) Acetone	2.386	43	387042	272.631	ug/l	99
17) Carbon Disulfide	2.526	76	480452	46.453	ug/l	99
18) Methyl Acetate	2.709	43	223455	59.230	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	578403	53.159	ug/l	99
20) Methylene Chloride	2.800	84	194681	49.847	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	180767	49.410	ug/l	96
22) Diisopropyl ether	3.763	45	649628	52.284	ug/l	99
23) Vinyl Acetate	3.727	43	2588039	259.695	ug/l	99
24) 1,1-Dichloroethane	3.617	63	350802	50.773	ug/l	99
25) 2-Butanone	4.556	43	522409	252.721	ug/l	100
26) 2,2-Dichloropropane	4.483	77	121207	22.662	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	213056	49.179	ug/l	95
28) Bromochloromethane	4.903	49	178465	56.144	ug/l	100
29) Tetrahydrofuran	5.013	42	326788	245.015	ug/l	98
30) Chloroform	5.099	83	349187	49.649	ug/l	98
31) Cyclohexane	5.477	56	308190	46.520	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	303825	49.735	ug/l	99
36) 1,1-Dichloropropene	5.696	75	239295	45.635	ug/l	99
37) Ethyl Acetate	4.714	43	240826	49.841	ug/l	99
38) Carbon Tetrachloride	5.684	117	267249	47.751	ug/l	99
39) Methylcyclohexane	7.379	83	286647	43.783	ug/l	99
40) Benzene	6.043	78	715734	47.164	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	119486	47.295	ug/l	#	94
42) 1,2-Dichloroethane	6.086	62	255921	47.875	ug/l		99
43) Isopropyl Acetate	6.336	43	383592	50.924	ug/l		99
44) Trichloroethene	7.129	130	178870	45.965	ug/l		100
45) 1,2-Dichloropropane	7.427	63	179936	47.342	ug/l		99
46) Dibromomethane	7.580	93	128792	48.321	ug/l		100
47) Bromodichloromethane	7.818	83	273391	48.190	ug/l		98
48) Methyl methacrylate	7.690	41	195927	47.745	ug/l		100
49) 1,4-Dioxane	7.720	88	47915	1026.617	ug/l	#	91
51) 4-Methyl-2-Pentanone	8.567	43	1081242	241.492	ug/l		100
52) Toluene	8.714	92	437026	46.836	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	228261	42.608	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	248613	42.401	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	165025	47.159	ug/l		98
56) Ethyl methacrylate	9.116	69	260917	50.365	ug/l		99
57) 1,3-Dichloropropane	9.305	76	283684	46.645	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	694114	240.779	ug/l		99
59) 2-Hexanone	9.427	43	736788	249.075	ug/l		100
60) Dibromochloromethane	9.518	129	201048	48.987	ug/l		100
61) 1,2-Dibromoethane	9.604	107	169478	46.318	ug/l		99
64) Tetrachloroethene	9.269	164	144282	46.372	ug/l		93
65) Chlorobenzene	10.073	112	473446	46.825	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166141	48.805	ug/l		98
67) Ethyl Benzene	10.189	91	830589	46.983	ug/l		100
68) m/p-Xylenes	10.299	106	620604	93.807	ug/l		99
69) o-Xylene	10.640	106	300344	47.722	ug/l		100
70) Styrene	10.652	104	516250	47.836	ug/l		99
71) Bromoform	10.799	173	129072	49.914	ug/l	#	99
73) Isopropylbenzene	10.957	105	791438	50.037	ug/l		100
74) N-amyl acetate	10.841	43	324309	50.817	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	228063	50.478	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	182817m	49.265	ug/l		
77) Bromobenzene	11.195	156	187075	49.311	ug/l		99
78) n-propylbenzene	11.299	91	925597	48.971	ug/l		99
79) 2-Chlorotoluene	11.360	91	550815	48.751	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	644226	49.301	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	42262	29.342	ug/l		98
82) 4-Chlorotoluene	11.451	91	644589	48.878	ug/l		100
83) tert-Butylbenzene	11.713	119	664590	50.672	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	646941	49.636	ug/l		99
85) sec-Butylbenzene	11.890	105	807089	49.251	ug/l		100
86) p-Isopropyltoluene	12.006	119	665750	48.990	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	349759	48.521	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	342727	46.929	ug/l		98
89) n-Butylbenzene	12.329	91	614268	48.200	ug/l		99
90) Hexachloroethane	12.536	117	122115	50.230	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	331959	48.184	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46519	53.640	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	219262	48.170	ug/l		99
94) Hexachlorobutadiene	13.719	225	74751	48.287	ug/l		97
95) Naphthalene	13.774	128	699197	52.397	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	215322	49.102	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

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

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

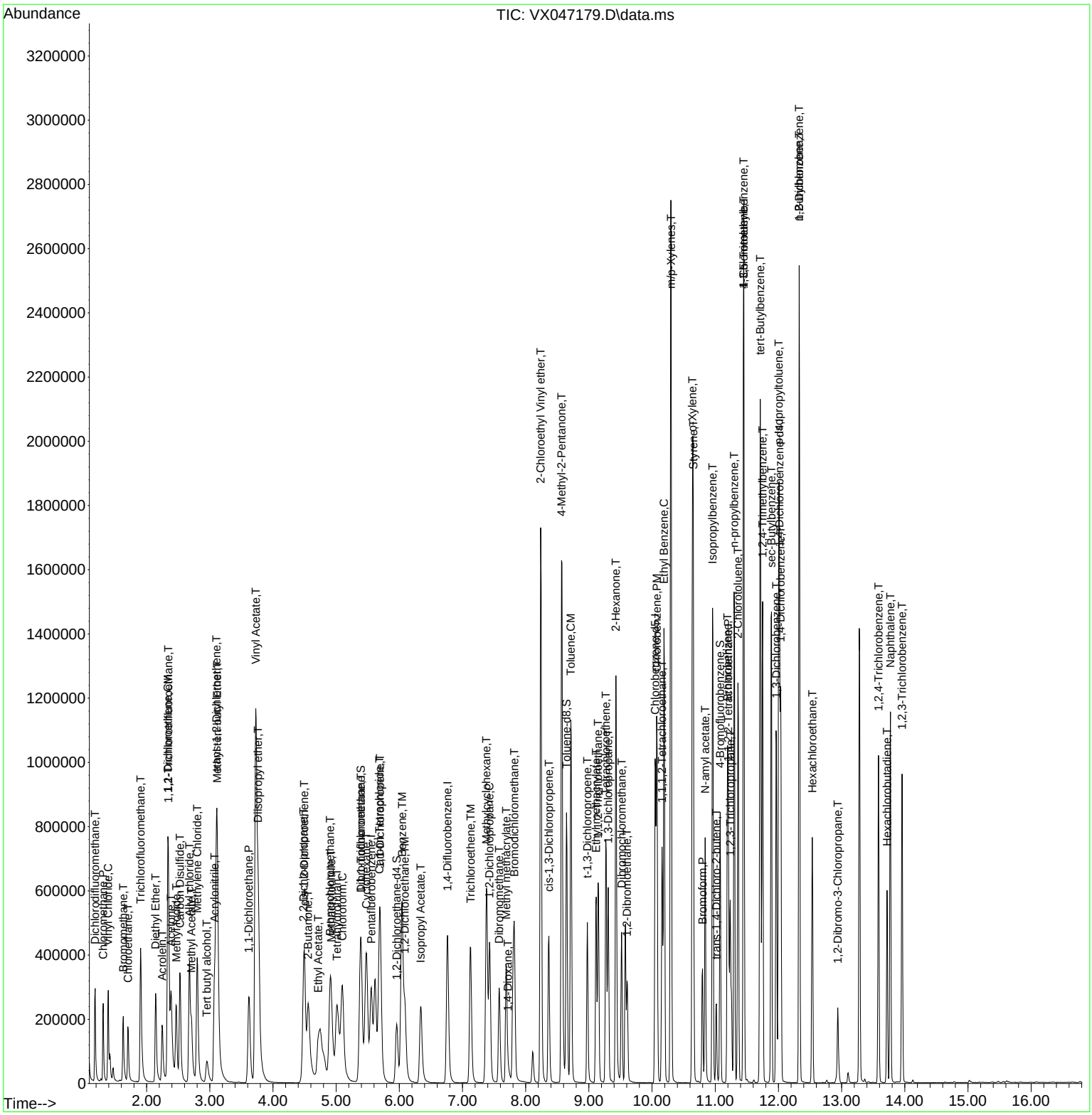
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



Sample Results: **VX047179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
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 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	92	0.00
2	T	Dichlorodifluoromethane	0.664	0.703	-5.9	84	0.00
3	P	Chloromethane	0.657	0.613	6.7	80	0.00
4	C	Vinyl Chloride	0.706	0.755	-6.9#	89	0.00
5	T	Bromomethane	0.384	0.355	7.6	73	0.01
6	T	Chloroethane	0.464	0.434	6.5	85	0.00
7	T	Trichlorofluoromethane	1.053	1.093	-3.8	87	0.00
8	T	Diethyl Ether	0.371	0.385	-3.8	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.629	0.8	86	0.00
10	T	Methyl Iodide	0.647	0.927	-43.3#	117	0.00
11	T	Tert butyl alcohol	0.080	0.074	7.5	92	0.00
12	CM	1,1-Dichloroethene	0.628	0.637	-1.4#	87	0.00
13	T	Acrolein	0.134	0.115	14.2	76	0.00
14	T	Allyl chloride	1.136	0.984	13.4	73	0.00
15	T	Acrylonitrile	0.297	0.309	-4.0	86	0.00
16	T	Acetone	0.250	0.272	-8.8	99	0.00
17	T	Carbon Disulfide	1.818	1.689	7.1	80	0.00
18	T	Methyl Acetate	0.663	0.785	-18.4	105	0.00
19	T	Methyl tert-butyl Ether	1.912	2.033	-6.3	91	0.00
20	T	Methylene Chloride	0.686	0.684	0.3	87	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.635	1.2	84	0.00
22	T	Diisopropyl ether	2.184	2.284	-4.6	89	0.00
23	T	Vinyl Acetate	1.752	1.819	-3.8	86	0.00
24	P	1,1-Dichloroethane	1.214	1.233	-1.6	87	0.00
25	T	2-Butanone	0.363	0.367	-1.1	86	0.00
26	T	2,2-Dichloropropane	0.940	0.426	54.7#	40#	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.749	1.6	85	0.00
28	T	Bromochloromethane	0.559	0.627	-12.2	95	0.00
29	T	Tetrahydrofuran	0.234	0.230	1.7	82	0.00
30	C	Chloroform	1.236	1.227	0.7#	87	0.00
31	T	Cyclohexane	1.164	1.083	7.0	82	0.00
32	T	1,1,1-Trichloroethane	1.074	1.068	0.6	87	0.00
33	S	1,2-Dichloroethane-d4	0.623	0.684	-9.8	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35	S	Dibromofluoromethane	0.309	0.336	-8.7	110	0.00
36	T	1,1-Dichloropropene	0.526	0.480	8.7	85	0.00
37	T	Ethyl Acetate	0.485	0.483	0.4	91	0.00
38	T	Carbon Tetrachloride	0.562	0.536	4.6	87	0.00
39	T	Methylcyclohexane	0.657	0.575	12.5	79	0.00
40	TM	Benzene	1.523	1.437	5.6	84	0.00
41	T	Methacrylonitrile	0.254	0.240	5.5	79	0.00
42	TM	1,2-Dichloroethane	0.536	0.514	4.1	86	-0.01
43	T	Isopropyl Acetate	0.756	0.770	-1.9	87	-0.01
44	TM	Trichloroethene	0.391	0.359	8.2	83	0.00
45	C	1,2-Dichloropropane	0.381	0.361	5.2#	85	0.00
46	T	Dibromomethane	0.267	0.258	3.4	85	0.00
47	T	Bromodichloromethane	0.569	0.549	3.5	86	0.00
48	T	Methyl methacrylate	0.412	0.393	4.6	86	0.00

Sample Results: **VX047179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
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 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	0.005	0.005	0.0	89	0.06
50	S	Toluene-d8	1.000	1.001	-0.1	105	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.434	3.3	84	0.00
52	CM	Toluene	0.936	0.877	6.3#	83	0.00
53	T	t-1,3-Dichloropropene	0.538	0.458	14.9	75	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.499	15.1	74	0.00
55	T	1,1,2-Trichloroethane	0.351	0.331	5.7	85	0.00
56	T	Ethyl methacrylate	0.520	0.524	-0.8	85	0.00
57	T	1,3-Dichloropropane	0.610	0.569	6.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.279	3.5	83	0.00
59	T	2-Hexanone	0.297	0.296	0.3	83	0.00
60	T	Dibromochloromethane	0.412	0.404	1.9	88	0.00
61	T	1,2-Dibromoethane	0.367	0.340	7.4	83	0.00
62	S	4-Bromofluorobenzene	0.431	0.442	-2.6	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.360	0.334	7.2	83	0.00
65	PM	Chlorobenzene	1.171	1.097	6.3	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.385	2.3	85	0.00
67	C	Ethyl Benzene	2.048	1.924	6.1#	81	0.00
68	T	m/p-Xylenes	0.766	0.719	6.1	82	0.00
69	T	o-Xylene	0.729	0.696	4.5	82	0.00
70	T	Styrene	1.250	1.196	4.3	82	0.00
71	P	Bromoform	0.300	0.299	0.3	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.945	3.948	-0.1	82	0.00
74	T	N-amyl acetate	1.592	1.618	-1.6	81	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.138	-1.0	84	0.00
76	T	1,2,3-Trichloropropane	0.925	0.912	1.4	82	0.00
77	T	Bromobenzene	0.946	0.933	1.4	82	0.00
78	T	n-propylbenzene	4.714	4.617	2.1	81	0.00
79	T	2-Chlorotoluene	2.818	2.747	2.5	81	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.213	1.4	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.211	41.2#	48#	0.00
82	T	4-Chlorotoluene	3.289	3.215	2.2	81	0.00
83	T	tert-Butylbenzene	3.271	3.315	-1.3	83	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.227	0.7	81	0.00
85	T	sec-Butylbenzene	4.087	4.026	1.5	82	0.00
86	T	p-Isopropyltoluene	3.389	3.321	2.0	80	0.00
87	T	1,3-Dichlorobenzene	1.798	1.745	2.9	82	0.00
88	T	1,4-Dichlorobenzene	1.821	1.709	6.2	81	0.00
89	T	n-Butylbenzene	3.178	3.064	3.6	79	0.00
90	T	Hexachloroethane	0.606	0.609	-0.5	83	0.00
91	T	1,2-Dichlorobenzene	1.718	1.656	3.6	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.232	-7.4	87	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.094	3.6	80	0.00
94	T	Hexachlorobutadiene	0.386	0.373	3.4	82	0.00
95	T	Naphthalene	3.328	3.488	-4.8	83	0.00

Sample Results: **VX047179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
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 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	1.094	1.074	1.8	82	0.00

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

Sample Results: **VX047179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
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 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	52.958	-5.9	84	0.00
3	P	Chloromethane	50.000	46.638	6.7	80	0.00
4	C	Vinyl Chloride	50.000	53.441	-6.9#	89	0.00
5	T	Bromomethane	50.000	46.208	7.6	73	0.01
6	T	Chloroethane	50.000	46.818	6.4	85	0.00
7	T	Trichlorofluoromethane	50.000	51.891	-3.8	87	0.00
8	T	Diethyl Ether	50.000	51.781	-3.6	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.544	0.9	86	0.00
10	T	Methyl Iodide	50.000	71.705	-43.4#	117	0.00
11	T	Tert butyl alcohol	250.000	253.432	-1.4	92	0.00
12	CM	1,1-Dichloroethene	50.000	50.692	-1.4#	87	0.00
13	T	Acrolein	250.000	214.925	14.0	76	0.00
14	T	Allyl chloride	50.000	43.324	13.4	73	0.00
15	T	Acrylonitrile	250.000	260.415	-4.2	86	0.00
16	T	Acetone	250.000	272.631	-9.1	99	0.00
17	T	Carbon Disulfide	50.000	46.453	7.1	80	0.00
18	T	Methyl Acetate	50.000	59.230	-18.5	105	0.00
19	T	Methyl tert-butyl Ether	50.000	53.159	-6.3	91	0.00
20	T	Methylene Chloride	50.000	49.847	0.3	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.410	1.2	84	0.00
22	T	Diisopropyl ether	50.000	52.284	-4.6	89	0.00
23	T	Vinyl Acetate	250.000	259.695	-3.9	86	0.00
24	P	1,1-Dichloroethane	50.000	50.773	-1.5	87	0.00
25	T	2-Butanone	250.000	252.721	-1.1	86	0.00
26	T	2,2-Dichloropropane	50.000	22.662	54.7#	40	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.179	1.6	85	0.00
28	T	Bromochloromethane	50.000	56.144	-12.3	95	0.00
29	T	Tetrahydrofuran	250.000	245.015	2.0	82	0.00
30	C	Chloroform	50.000	49.649	0.7#	87	0.00
31	T	Cyclohexane	50.000	46.520	7.0	82	0.00
32	T	1,1,1-Trichloroethane	50.000	49.735	0.5	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.937	-9.9	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	54.409	-8.8	110	0.00
36	T	1,1-Dichloropropene	50.000	45.635	8.7	85	0.00
37	T	Ethyl Acetate	50.000	49.841	0.3	91	0.00
38	T	Carbon Tetrachloride	50.000	47.751	4.5	87	0.00
39	T	Methylcyclohexane	50.000	43.783	12.4	79	0.00
40	TM	Benzene	50.000	47.164	5.7	84	0.00
41	T	Methacrylonitrile	50.000	47.295	5.4	79	0.00
42	TM	1,2-Dichloroethane	50.000	47.875	4.3	86	-0.01
43	T	Isopropyl Acetate	50.000	50.924	-1.8	87	-0.01
44	TM	Trichloroethene	50.000	45.965	8.1	83	0.00
45	C	1,2-Dichloropropane	50.000	47.342	5.3#	85	0.00
46	T	Dibromomethane	50.000	48.321	3.4	85	0.00
47	T	Bromodichloromethane	50.000	48.190	3.6	86	0.00
48	T	Methyl methacrylate	50.000	47.745	4.5	86	0.00

Sample Results: **VX047179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
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 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	1026.617	-2.7	89	0.06
50	S	Toluene-d8	50.000	50.063	-0.1	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	241.492	3.4	84	0.00
52	CM	Toluene	50.000	46.836	6.3#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	42.608	14.8	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	42.401	15.2	74	0.00
55	T	1,1,2-Trichloroethane	50.000	47.159	5.7	85	0.00
56	T	Ethyl methacrylate	50.000	50.365	-0.7	85	0.00
57	T	1,3-Dichloropropane	50.000	46.645	6.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.779	3.7	83	0.00
59	T	2-Hexanone	250.000	249.075	0.4	83	0.00
60	T	Dibromochloromethane	50.000	48.987	2.0	88	0.00
61	T	1,2-Dibromoethane	50.000	46.318	7.4	83	0.00
62	S	4-Bromofluorobenzene	50.000	51.280	-2.6	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	46.372	7.3	83	0.00
65	PM	Chlorobenzene	50.000	46.825	6.3	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.805	2.4	85	0.00
67	C	Ethyl Benzene	50.000	46.983	6.0#	81	0.00
68	T	m/p-Xylenes	100.000	93.807	6.2	82	0.00
69	T	o-Xylene	50.000	47.722	4.6	82	0.00
70	T	Styrene	50.000	47.836	4.3	82	0.00
71	P	Bromoform	50.000	49.914	0.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	50.037	-0.1	82	0.00
74	T	N-amyl acetate	50.000	50.817	-1.6	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.478	-1.0	84	0.00
76	T	1,2,3-Trichloropropane	50.000	49.265	1.5	82	0.00
77	T	Bromobenzene	50.000	49.311	1.4	82	0.00
78	T	n-propylbenzene	50.000	48.971	2.1	81	0.00
79	T	2-Chlorotoluene	50.000	48.751	2.5	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.301	1.4	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	29.342	41.3#	48	0.00
82	T	4-Chlorotoluene	50.000	48.878	2.2	81	0.00
83	T	tert-Butylbenzene	50.000	50.672	-1.3	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.636	0.7	81	0.00
85	T	sec-Butylbenzene	50.000	49.251	1.5	82	0.00
86	T	p-Isopropyltoluene	50.000	48.990	2.0	80	0.00
87	T	1,3-Dichlorobenzene	50.000	48.521	3.0	82	0.00
88	T	1,4-Dichlorobenzene	50.000	46.929	6.1	81	0.00
89	T	n-Butylbenzene	50.000	48.200	3.6	79	0.00
90	T	Hexachloroethane	50.000	50.230	-0.5	83	0.00
91	T	1,2-Dichlorobenzene	50.000	48.184	3.6	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.640	-7.3	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.170	3.7	80	0.00
94	T	Hexachlorobutadiene	50.000	48.287	3.4	82	0.00
95	T	Naphthalene	50.000	52.397	-4.8	83	0.00

Sample Results: **VX047179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047179.D
Acq On : 30 Jul 2025 09:14
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 31 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	49.102	1.8	82	0.00

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

QC SAMPLE DATA

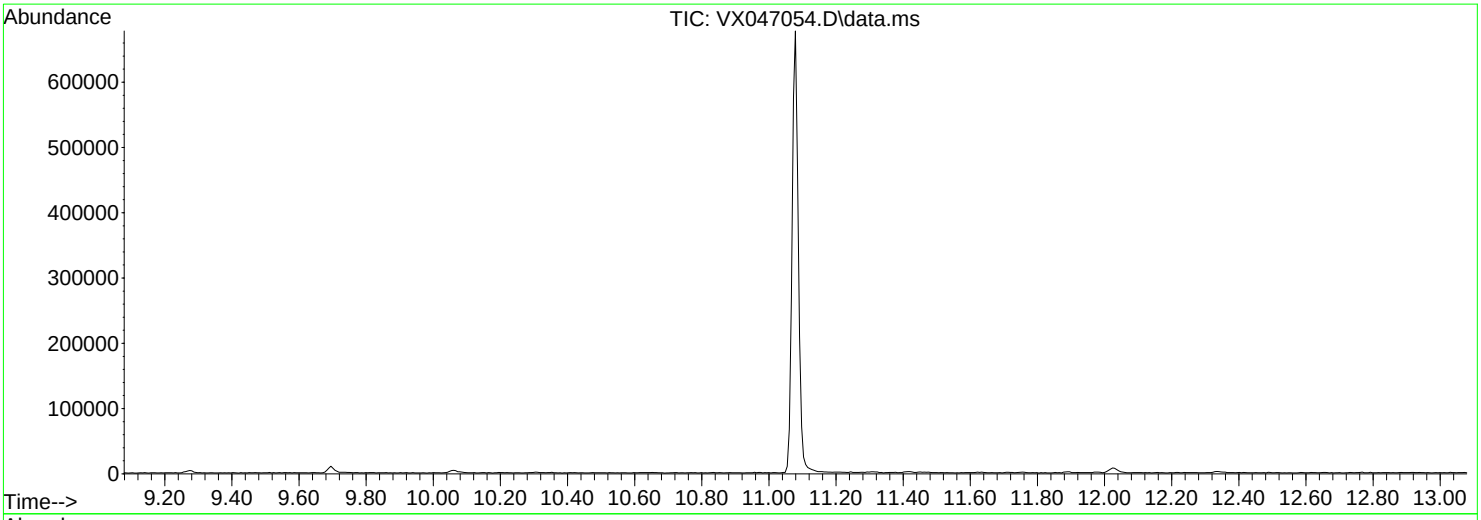
Sample Results: **VX047054.D**

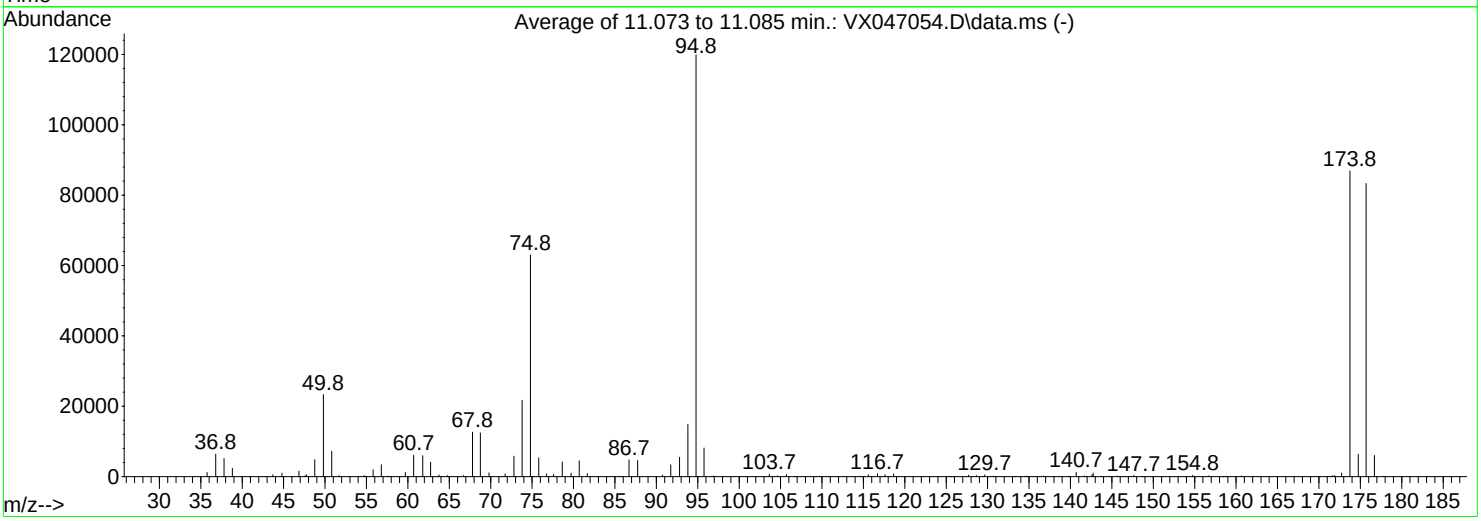
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047054.D
Acq On : 21 Jul 2025 08:53
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	23312	PASS
75	95	30	60	52.5	62997	PASS
95	95	100	100	100.0	119888	PASS
96	95	5	9	6.8	8138	PASS
173	174	0.00	2	1.2	1064	PASS
174	95	50	100	72.5	86899	PASS
175	174	5	9	7.3	6373	PASS
176	174	95	101	95.9	83323	PASS
177	176	5	9	7.2	5999	PASS

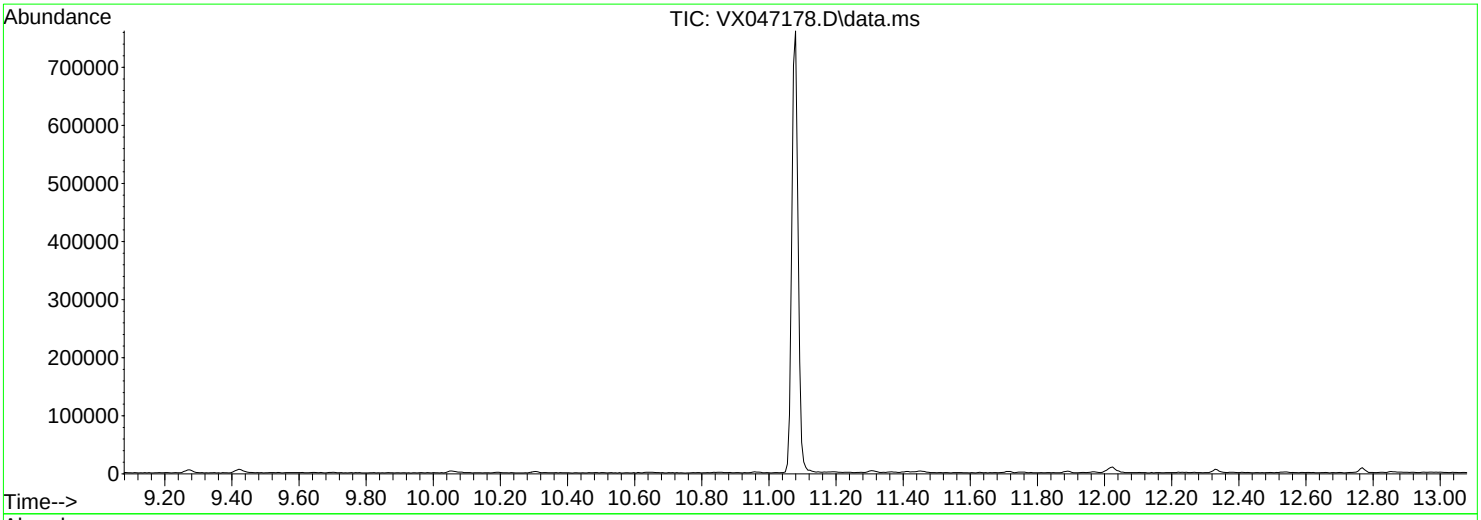
Sample Results: **VX047178.D**

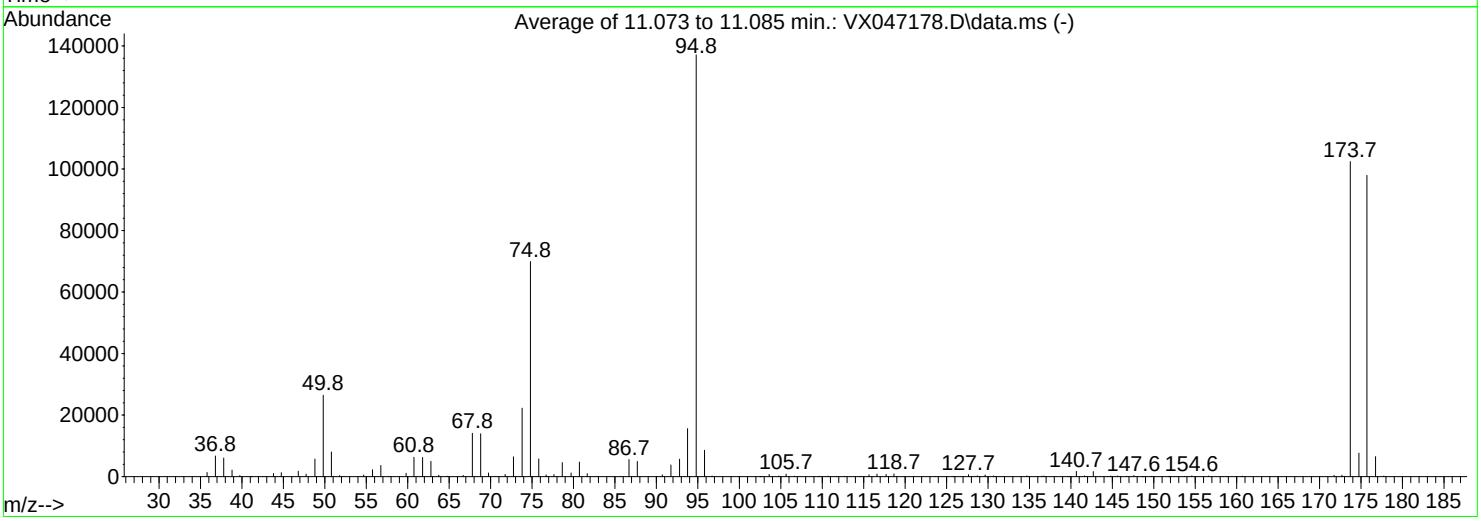
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047178.D
Acq On : 30 Jul 2025 08:45
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 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	19.3	26493	PASS
75	95	30	60	51.0	69888	PASS
95	95	100	100	100.0	137107	PASS
96	95	5	9	6.3	8605	PASS
173	174	0.00	2	0.5	477	PASS
174	95	50	100	74.7	102392	PASS
175	174	5	9	7.5	7653	PASS
176	174	95	101	95.7	97949	PASS
177	176	5	9	6.6	6493	PASS

Raw Data: **VX047181.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:	VX0730WBL01	SDG No.:	Q2733
Lab Sample ID:	VX0730WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047181.D	1	07/30/25 12:44	VX073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.3		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	349000	5.556			
540-36-3	1,4-Difluorobenzene	583000	6.763			
3114-55-4	Chlorobenzene-d5	517000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	256000	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\VX073025\
Data File : VX047181.D
Acq On : 30 Jul 2025 12:44
Operator : JC/MD
Sample : VX0730WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Quant Time: Jul 31 03:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

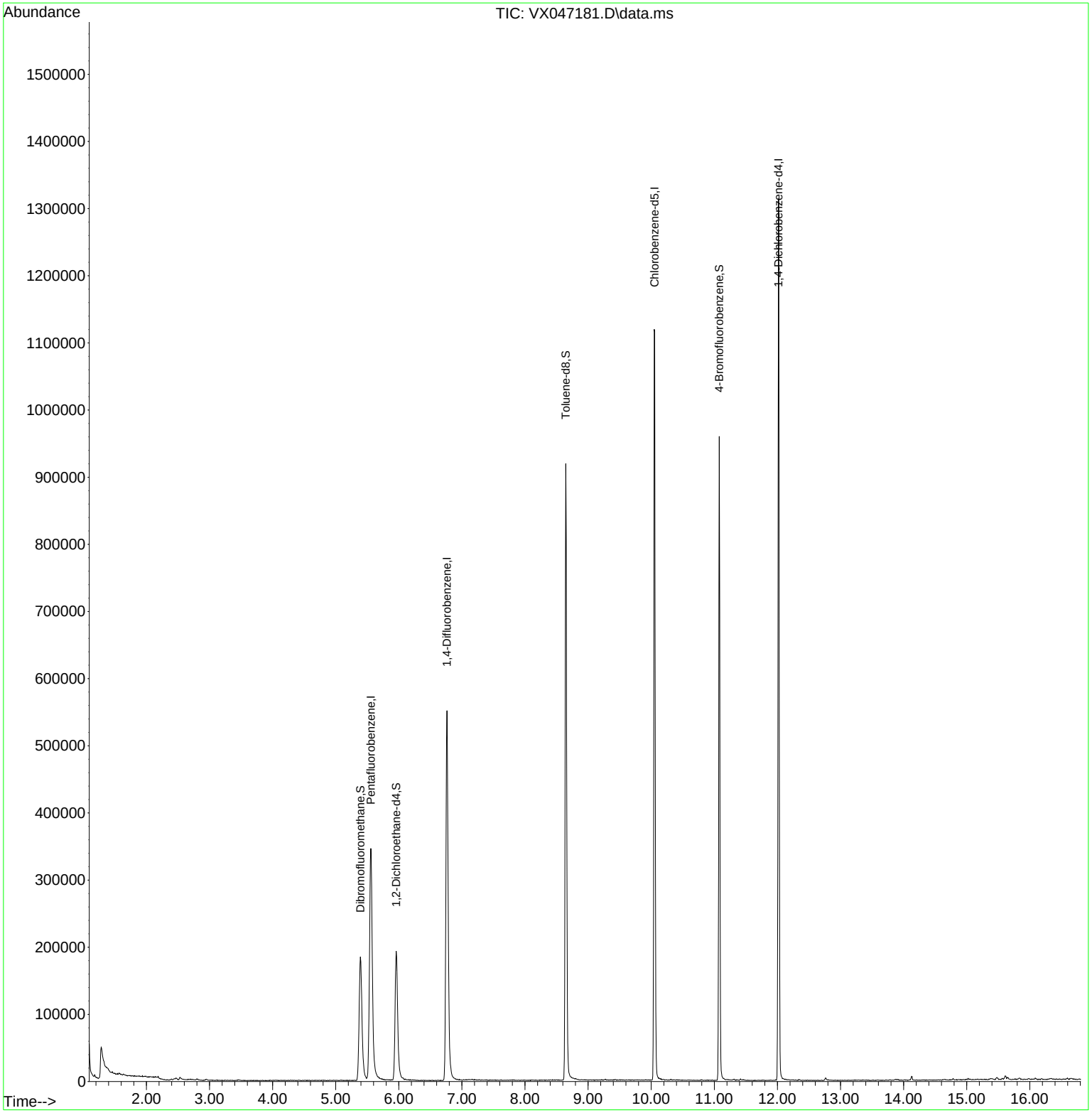
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	349455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	255739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205953	47.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.620%			
35) Dibromofluoromethane	5.391	113	176880	49.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	8.647	98	556355	47.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.400%			
62) 4-Bromofluorobenzene	11.079	95	252399	50.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.440%			
Target Compounds						Qvalue

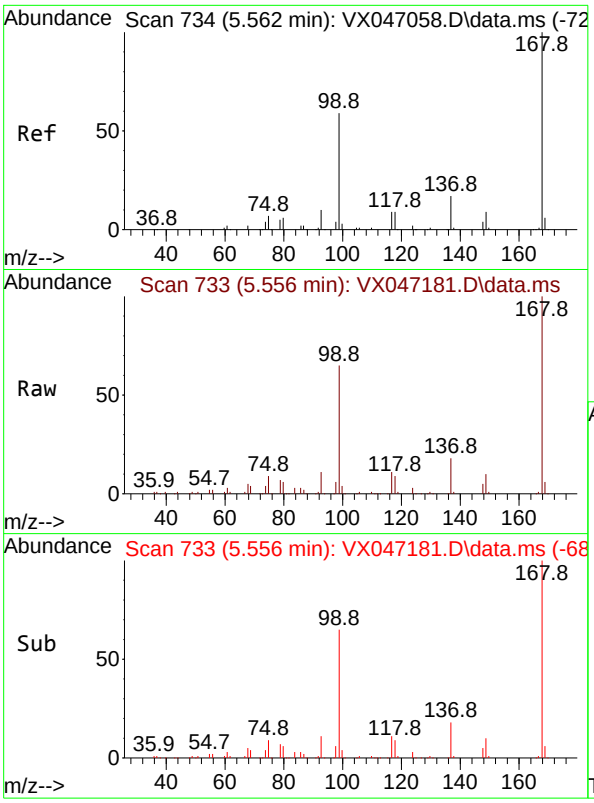
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047181.D
Acq On : 30 Jul 2025 12:44
Operator : JC/MD
Sample : VX0730WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Quant Time: Jul 31 03:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



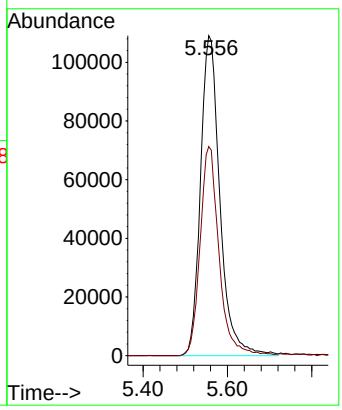


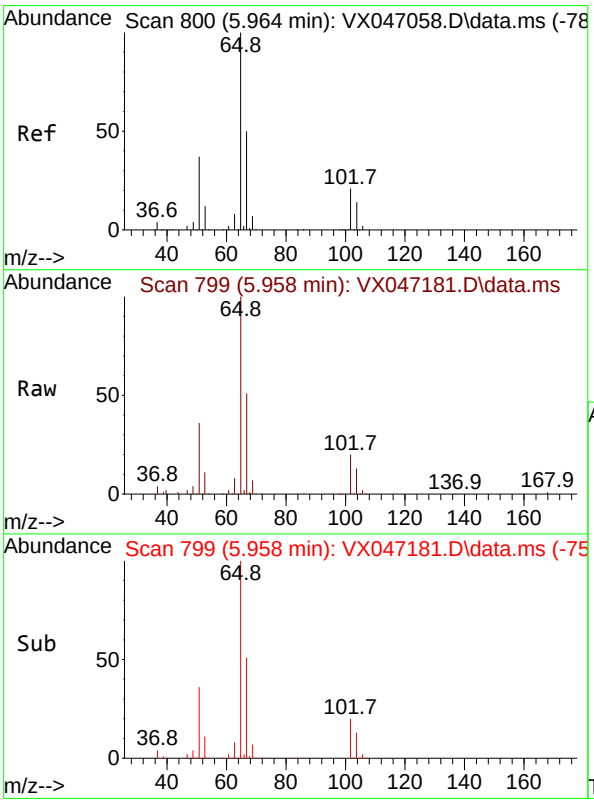
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Tgt Ion:168 Resp: 349455

Ion	Ratio	Lower	Upper
168	100		
99	65.3	48.0	72.0

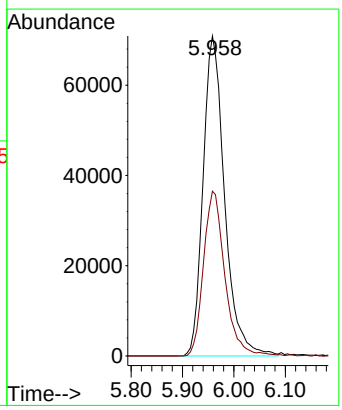


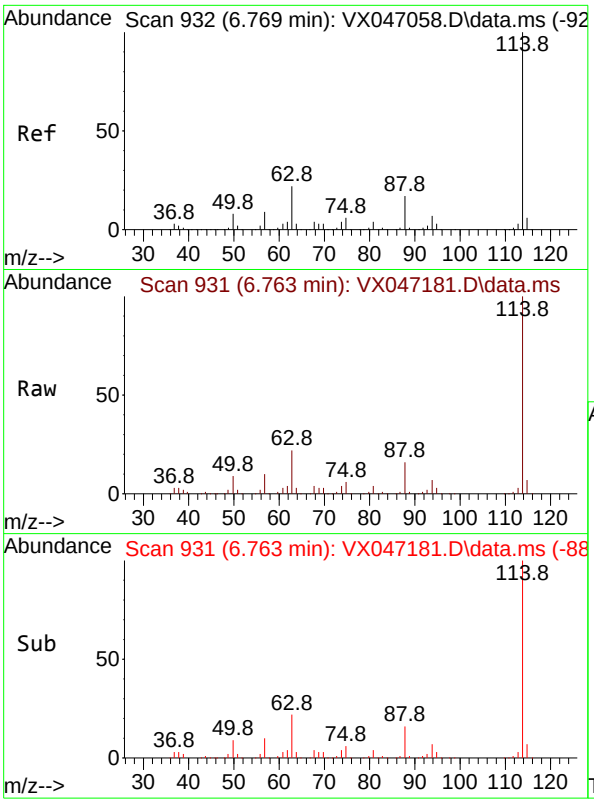


#33
1,2-Dichloroethane-d4
Concen: 47.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 65 Resp: 205953

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.8



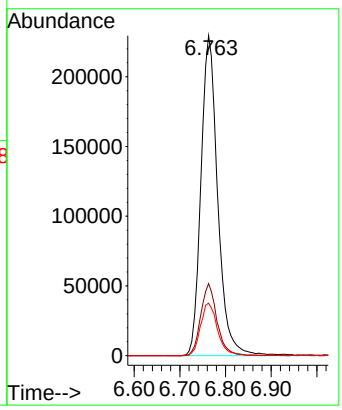


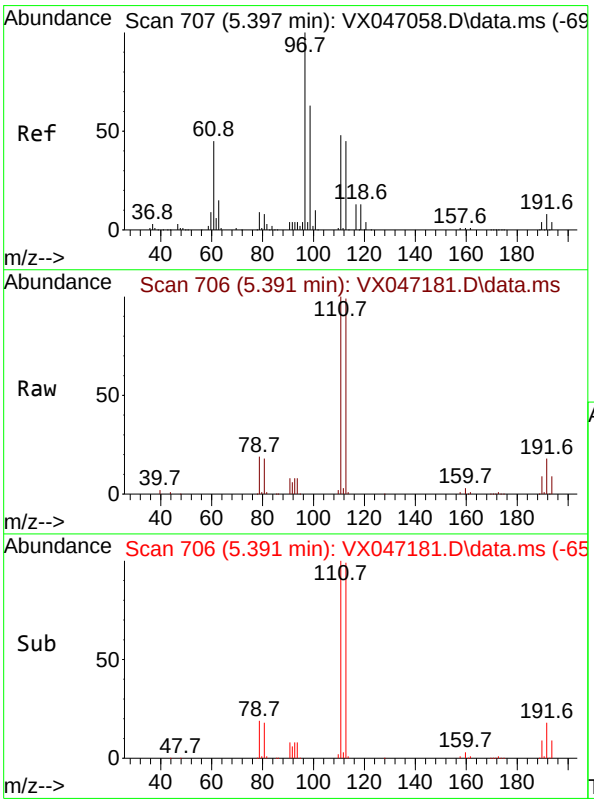
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Tgt Ion:114 Resp: 583262

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	16.4	0.0	33.8

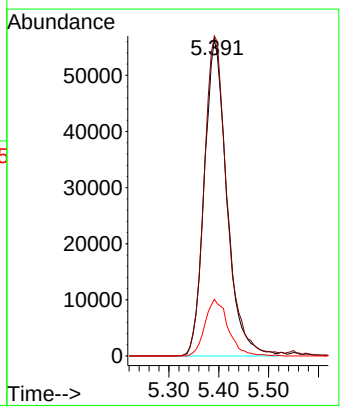


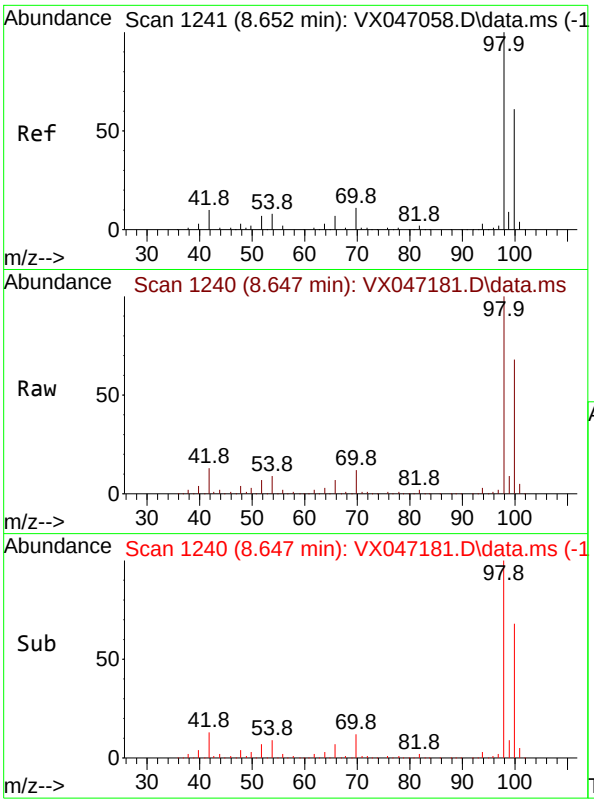


#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion:113 Resp: 176880

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	18.4	14.9	22.3



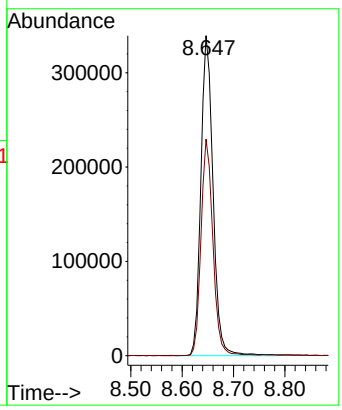


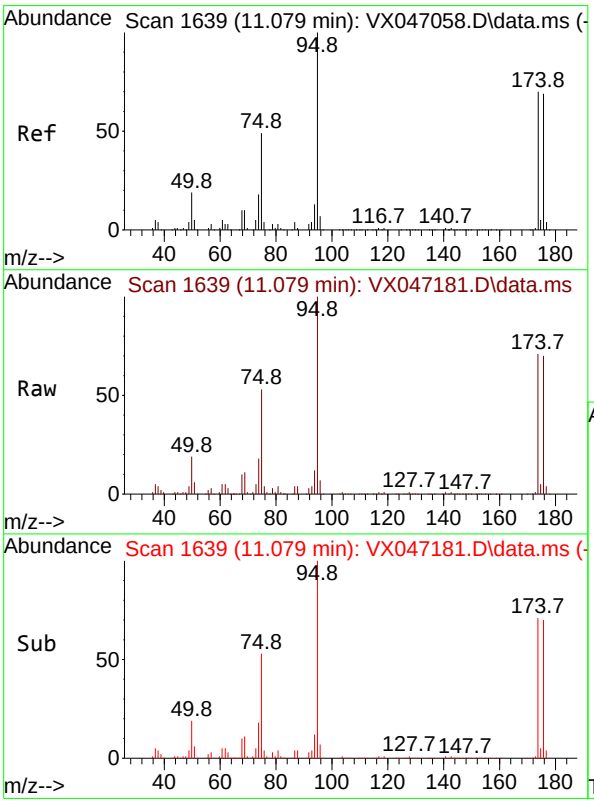
#50
Toluene-d8
Concen: 47.704 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Tgt Ion: 98 Resp: 556355

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

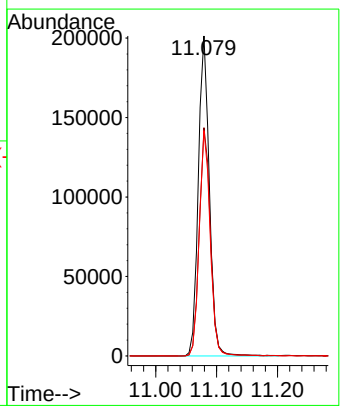


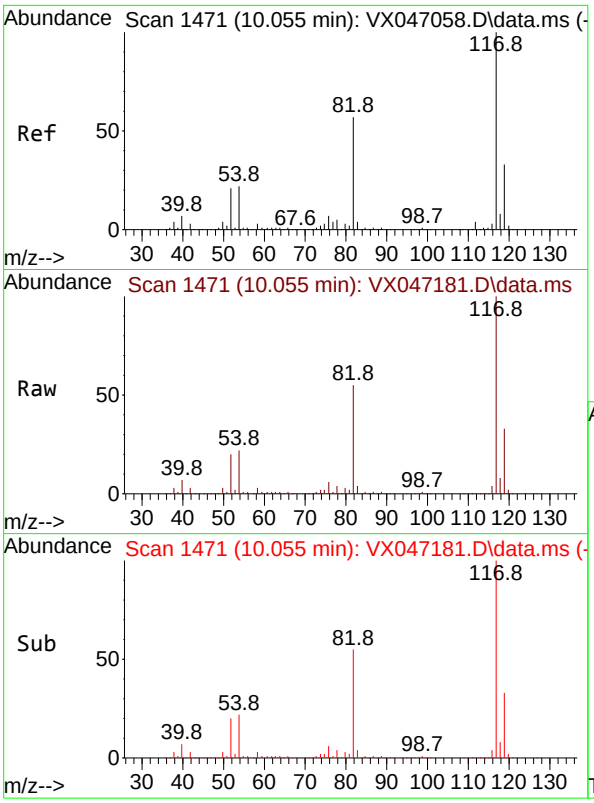


#62
4-Bromofluorobenzene
Concen: 50.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 95 Resp: 252399

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	144.6
176	70.2	0.0	139.6



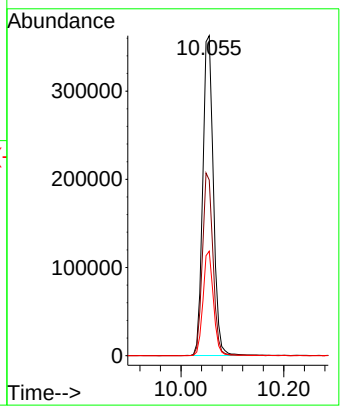


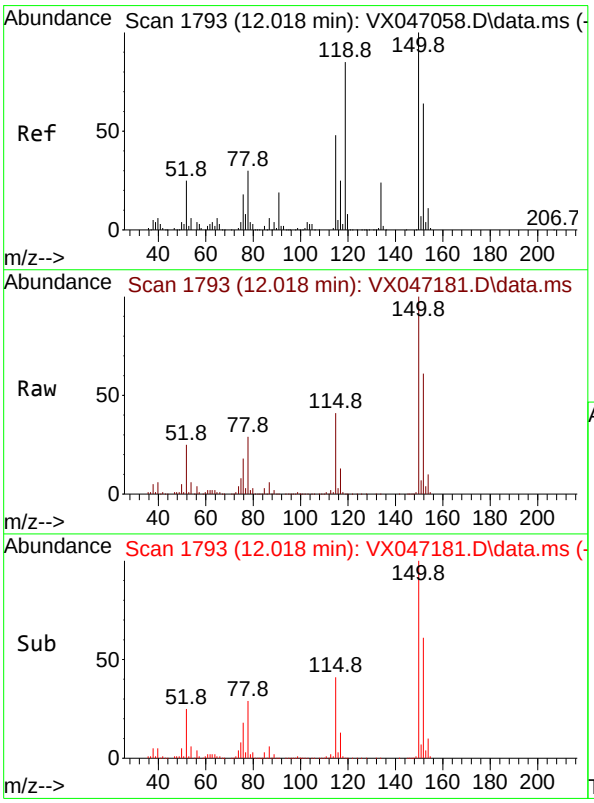
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Tgt Ion:117 Resp: 517110

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.4	68.2
119	32.7	26.1	39.1

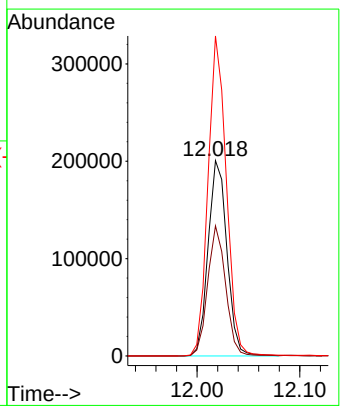




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion:152 Resp: 255739

Ion	Ratio	Lower	Upper
152	100		
115	63.9	45.6	136.7
150	159.3	0.0	354.6



Raw Data: **VX047182.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:	VX0730WBS01	SDG No.:	Q2733
Lab Sample ID:	VX0730WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047182.D	1	07/30/25 13:11	VX073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	18.1		0.16	1.00	ug/L
56-23-5	Carbon Tetrachloride	17.3		0.25	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.5		0.20	1.00	ug/L
71-43-2	Benzene	17.4		0.15	1.00	ug/L
108-88-3	Toluene	17.8		0.14	1.00	ug/L
127-18-4	Tetrachloroethene	17.2		0.23	1.00	ug/L
100-41-4	Ethyl Benzene	17.7		0.13	1.00	ug/L
1330-20-7	Total Xylenes	53.2		0.36	3.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		70 (74) - 130 (125)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	298000	5.562			
540-36-3	1,4-Difluorobenzene	503000	6.763			
3114-55-4	Chlorobenzene-d5	447000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	221000	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\VX073025\
Data File : VX047182.D
Acq On : 30 Jul 2025 13:11
Operator : JC/MD
Sample : VX0730WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 03:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	298174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173809	46.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.580%			
35) Dibromofluoromethane	5.391	113	152760	49.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.280%			
50) Toluene-d8	8.647	98	474197	47.105	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.220%			
62) 4-Bromofluorobenzene	11.079	95	211410	48.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	68711	17.349	ug/l	98
3) Chloromethane	1.313	50	59878	15.284	ug/l	96
4) Vinyl Chloride	1.392	62	72938	17.320	ug/l	98
5) Bromomethane	1.630	94	35765	15.634	ug/l	98
6) Chloroethane	1.709	64	44866	16.221	ug/l	97
7) Trichlorofluoromethane	1.910	101	108622	17.297	ug/l	97
8) Diethyl Ether	2.142	74	37922	17.127	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	64832	17.136	ug/l	100
10) Methyl Iodide	2.471	142	73218	18.989	ug/l	94
11) Tert butyl alcohol	2.959	59	36896	77.894	ug/l	98
12) 1,1-Dichloroethene	2.337	96	62905	16.787	ug/l	96
13) Acrolein	2.251	56	60037	75.069	ug/l	99
14) Allyl chloride	2.678	41	108207	15.975	ug/l	96
15) Acrylonitrile	3.075	53	159907	90.269	ug/l	98
16) Acetone	2.386	43	128894	86.625	ug/l	98
17) Carbon Disulfide	2.526	76	165052	15.225	ug/l	99
18) Methyl Acetate	2.715	43	78995	19.977	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	206163	18.078	ug/l	98
20) Methylene Chloride	2.800	84	69737	17.036	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	65214	17.007	ug/l	98
22) Diisopropyl ether	3.769	45	235765	18.104	ug/l	96
23) Vinyl Acetate	3.733	43	939746	89.969	ug/l	99
24) 1,1-Dichloroethane	3.623	63	128385	17.729	ug/l	99
25) 2-Butanone	4.568	43	194514	89.779	ug/l	97
26) 2,2-Dichloropropane	4.483	77	86990	15.518	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	79720	17.557	ug/l	98
28) Bromochloromethane	4.910	49	68139	20.452	ug/l	99
29) Tetrahydrofuran	5.013	42	122802	87.846	ug/l	98
30) Chloroform	5.105	83	130886	17.756	ug/l	98
31) Cyclohexane	5.477	56	119125	17.156	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	112125	17.512	ug/l	100
36) 1,1-Dichloropropene	5.702	75	89234	16.841	ug/l	99
37) Ethyl Acetate	4.721	43	89039	18.236	ug/l	98
38) Carbon Tetrachloride	5.690	117	97625	17.262	ug/l	98
39) Methylcyclohexane	7.385	83	111156	16.802	ug/l	96
40) Benzene	6.043	78	267478	17.443	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047182.D
Acq On : 30 Jul 2025 13:11
Operator : JC/MD
Sample : VX0730WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 03:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	45893	17.977	ug/l		97
42) 1,2-Dichloroethane	6.092	62	96682	17.899	ug/l		100
43) Isopropyl Acetate	6.342	43	141419	18.579	ug/l		99
44) Trichloroethene	7.129	130	65654	16.696	ug/l		98
45) 1,2-Dichloropropane	7.433	63	67252	17.511	ug/l		97
46) Dibromomethane	7.586	93	48876	18.147	ug/l		98
47) Bromodichloromethane	7.824	83	101394	17.687	ug/l		98
48) Methyl methacrylate	7.696	41	73258	17.667	ug/l		99
49) 1,4-Dioxane	7.720	88	17062	361.775	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.574	43	421372	93.136	ug/l		98
52) Toluene	8.720	92	167704	17.786	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	90576	16.732	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	101332	17.103	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	63533	17.967	ug/l		99
56) Ethyl methacrylate	9.116	69	96240	18.385	ug/l		96
57) 1,3-Dichloropropane	9.305	76	110099	17.915	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	261489	89.766	ug/l		99
59) 2-Hexanone	9.427	43	288681	96.578	ug/l		99
60) Dibromochloromethane	9.518	129	74723	18.018	ug/l		100
61) 1,2-Dibromoethane	9.610	107	65007	17.582	ug/l		100
64) Tetrachloroethene	9.275	164	55385	17.203	ug/l		95
65) Chlorobenzene	10.079	112	181302	17.328	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	61878	17.566	ug/l		99
67) Ethyl Benzene	10.195	91	324073	17.715	ug/l		98
68) m/p-Xylenes	10.299	106	241432	35.267	ug/l		100
69) o-Xylene	10.640	106	116609	17.905	ug/l		100
70) Styrene	10.652	104	200641	17.967	ug/l		99
71) Bromoform	10.799	173	47264	17.663	ug/l	#	99
73) Isopropylbenzene	10.963	105	311240	17.860	ug/l		100
74) N-amyl acetate	10.841	43	122950	17.486	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92166	18.515	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	72335m	17.692	ug/l		
77) Bromobenzene	11.195	156	73950	17.692	ug/l		98
78) n-propylbenzene	11.305	91	370540	17.794	ug/l		99
79) 2-Chlorotoluene	11.360	91	218329	17.539	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	257131	17.860	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	16229	10.227	ug/l		93
82) 4-Chlorotoluene	11.451	91	261833	18.021	ug/l		100
83) tert-Butylbenzene	11.713	119	259961	17.990	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	257396	17.925	ug/l		100
85) sec-Butylbenzene	11.890	105	328276	18.182	ug/l		99
86) p-Isopropyltoluene	12.006	119	272178	18.179	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	140534	17.695	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	141150	17.542	ug/l		97
89) n-Butylbenzene	12.329	91	252589	17.989	ug/l		99
90) Hexachloroethane	12.536	117	46547	17.378	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	134776	17.756	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17902	18.736	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	93145	18.573	ug/l		98
94) Hexachlorobutadiene	13.725	225	32485	19.046	ug/l		98
95) Naphthalene	13.774	128	276458	18.804	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	87200	18.049	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047182.D
Acq On : 30 Jul 2025 13:11
Operator : JC/MD
Sample : VX0730WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 03:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

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

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

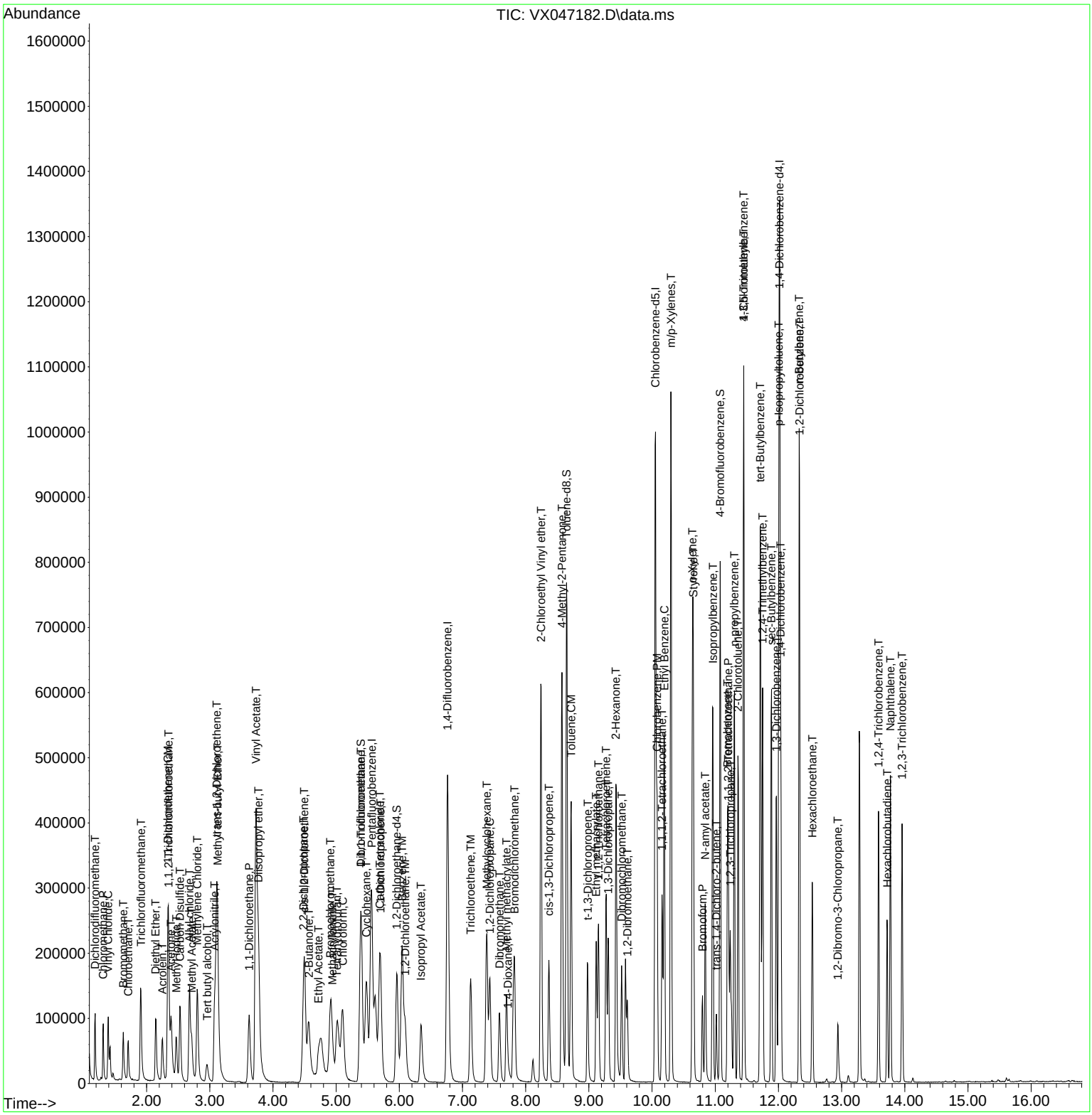
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047182.D
Acq On : 30 Jul 2025 13:11
Operator : JC/MD
Sample : VX0730WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 03:14:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



Raw Data: **VX047183.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:	VX0730WBSD01	SDG No.:	Q2733
Lab Sample ID:	VX0730WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047183.D	1	07/30/25 13:37	VX073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
56-23-5	Carbon Tetrachloride	17.2		0.25	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.6		0.20	1.00	ug/L
71-43-2	Benzene	17.3		0.15	1.00	ug/L
108-88-3	Toluene	17.7		0.14	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	ug/L
100-41-4	Ethyl Benzene	17.5		0.13	1.00	ug/L
1330-20-7	Total Xylenes	52.9		0.36	3.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	46.8		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271000	5.556			
540-36-3	1,4-Difluorobenzene	471000	6.763			
3114-55-4	Chlorobenzene-d5	422000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	205000	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\VX073025\
Data File : VX047183.D
Acq On : 30 Jul 2025 13:37
Operator : JC/MD
Sample : VX0730WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 03:15:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	271218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	205079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168203	49.786	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.580%			
35) Dibromofluoromethane	5.391	113	142194	48.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	8.647	98	440280	46.754	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.500%			
62) 4-Bromofluorobenzene	11.079	95	198722	48.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	61833	17.164	ug/l	99
3) Chloromethane	1.313	50	55245	15.503	ug/l	99
4) Vinyl Chloride	1.392	62	65628	17.133	ug/l	98
5) Bromomethane	1.630	94	35112	16.874	ug/l	97
6) Chloroethane	1.709	64	41562	16.520	ug/l	93
7) Trichlorofluoromethane	1.904	101	97250	17.026	ug/l	97
8) Diethyl Ether	2.148	74	36121	17.935	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	59028	17.153	ug/l	99
10) Methyl Iodide	2.471	142	76808	21.900	ug/l	100
11) Tert butyl alcohol	2.953	59	36331	85.210	ug/l	97
12) 1,1-Dichloroethene	2.337	96	57420	16.846	ug/l	99
13) Acrolein	2.252	56	60408	83.040	ug/l	95
14) Allyl chloride	2.678	41	97156	15.769	ug/l	94
15) Acrylonitrile	3.075	53	155331	96.401	ug/l	100
16) Acetone	2.386	43	125096	92.428	ug/l	97
17) Carbon Disulfide	2.526	76	150542	15.267	ug/l	96
18) Methyl Acetate	2.715	43	79437	22.086	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	200301	19.309	ug/l	98
20) Methylene Chloride	2.806	84	66116	17.757	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	59750	17.131	ug/l	99
22) Diisopropyl ether	3.770	45	219464	18.527	ug/l	92
23) Vinyl Acetate	3.727	43	904090	95.158	ug/l	99
24) 1,1-Dichloroethane	3.623	63	115914	17.597	ug/l	99
25) 2-Butanone	4.562	43	193885	98.382	ug/l	98
26) 2,2-Dichloropropane	4.489	77	79273	15.547	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	73064	17.690	ug/l	100
28) Bromochloromethane	4.904	49	63694	21.018	ug/l	100
29) Tetrahydrofuran	5.026	42	119776	94.197	ug/l	98
30) Chloroform	5.105	83	119525	17.826	ug/l	99
31) Cyclohexane	5.477	56	107777	17.064	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	102502	17.600	ug/l	100
36) 1,1-Dichloropropene	5.702	75	78614	15.860	ug/l	98
37) Ethyl Acetate	4.721	43	87810	19.226	ug/l	98
38) Carbon Tetrachloride	5.690	117	91170	17.233	ug/l	98
39) Methylcyclohexane	7.385	83	102347	16.538	ug/l	98
40) Benzene	6.044	78	247513	17.255	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047183.D
Acq On : 30 Jul 2025 13:37
Operator : JC/MD
Sample : VX0730WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 03:15:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	42028	17.599	ug/l	#	90
42) 1,2-Dichloroethane	6.086	62	91801	18.168	ug/l		99
43) Isopropyl Acetate	6.342	43	137561	19.320	ug/l		99
44) Trichloroethene	7.129	130	61894	16.826	ug/l		100
45) 1,2-Dichloropropane	7.434	63	63752	17.745	ug/l		96
46) Dibromomethane	7.586	93	47046	18.674	ug/l		99
47) Bromodichloromethane	7.824	83	96184	17.936	ug/l		96
48) Methyl methacrylate	7.696	41	70412	18.153	ug/l		98
49) 1,4-Dioxane	7.708	88	17085	387.263	ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	417344	98.612	ug/l		99
52) Toluene	8.720	92	155777	17.662	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	89632	17.700	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	96077	17.335	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	62536	18.906	ug/l		97
56) Ethyl methacrylate	9.116	69	94001	19.196	ug/l		98
57) 1,3-Dichloropropane	9.311	76	106928	18.600	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	250696	92.000	ug/l		100
59) 2-Hexanone	9.433	43	287228	102.723	ug/l		100
60) Dibromochloromethane	9.519	129	72235	18.620	ug/l		99
61) 1,2-Dibromoethane	9.610	107	61977	17.919	ug/l		97
64) Tetrachloroethene	9.275	164	51334	16.880	ug/l		96
65) Chlorobenzene	10.079	112	172827	17.487	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	58045	17.445	ug/l		98
67) Ethyl Benzene	10.195	91	301586	17.453	ug/l		100
68) m/p-Xylenes	10.299	106	225463	34.867	ug/l		99
69) o-Xylene	10.640	106	110783	18.009	ug/l		100
70) Styrene	10.653	104	190166	18.028	ug/l		100
71) Bromoform	10.799	173	47976	18.981	ug/l	#	98
73) Isopropylbenzene	10.957	105	293375	18.133	ug/l		98
74) N-amyl acetate	10.842	43	121231	18.571	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90291	19.537	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	73018m	19.236	ug/l		
77) Bromobenzene	11.195	156	70384	18.137	ug/l		100
78) n-propylbenzene	11.299	91	350592	18.133	ug/l		100
79) 2-Chlorotoluene	11.360	91	206363	17.856	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	240523	17.994	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	15740	10.683	ug/l		93
82) 4-Chlorotoluene	11.451	91	243585	18.057	ug/l		100
83) tert-Butylbenzene	11.713	119	244087	18.194	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	241661	18.126	ug/l		99
85) sec-Butylbenzene	11.890	105	307416	18.339	ug/l		99
86) p-Isopropyltoluene	12.006	119	256048	18.419	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	132018	17.904	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	133809	17.912	ug/l		97
89) n-Butylbenzene	12.329	91	239851	18.399	ug/l		99
90) Hexachloroethane	12.536	117	44564	17.920	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	128666	18.257	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17851	20.122	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	86775	18.636	ug/l		99
94) Hexachlorobutadiene	13.725	225	31148	19.670	ug/l		100
95) Naphthalene	13.774	128	272581	19.969	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	84453	18.827	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047183.D
Acq On : 30 Jul 2025 13:37
Operator : JC/MD
Sample : VX0730WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 03:15:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

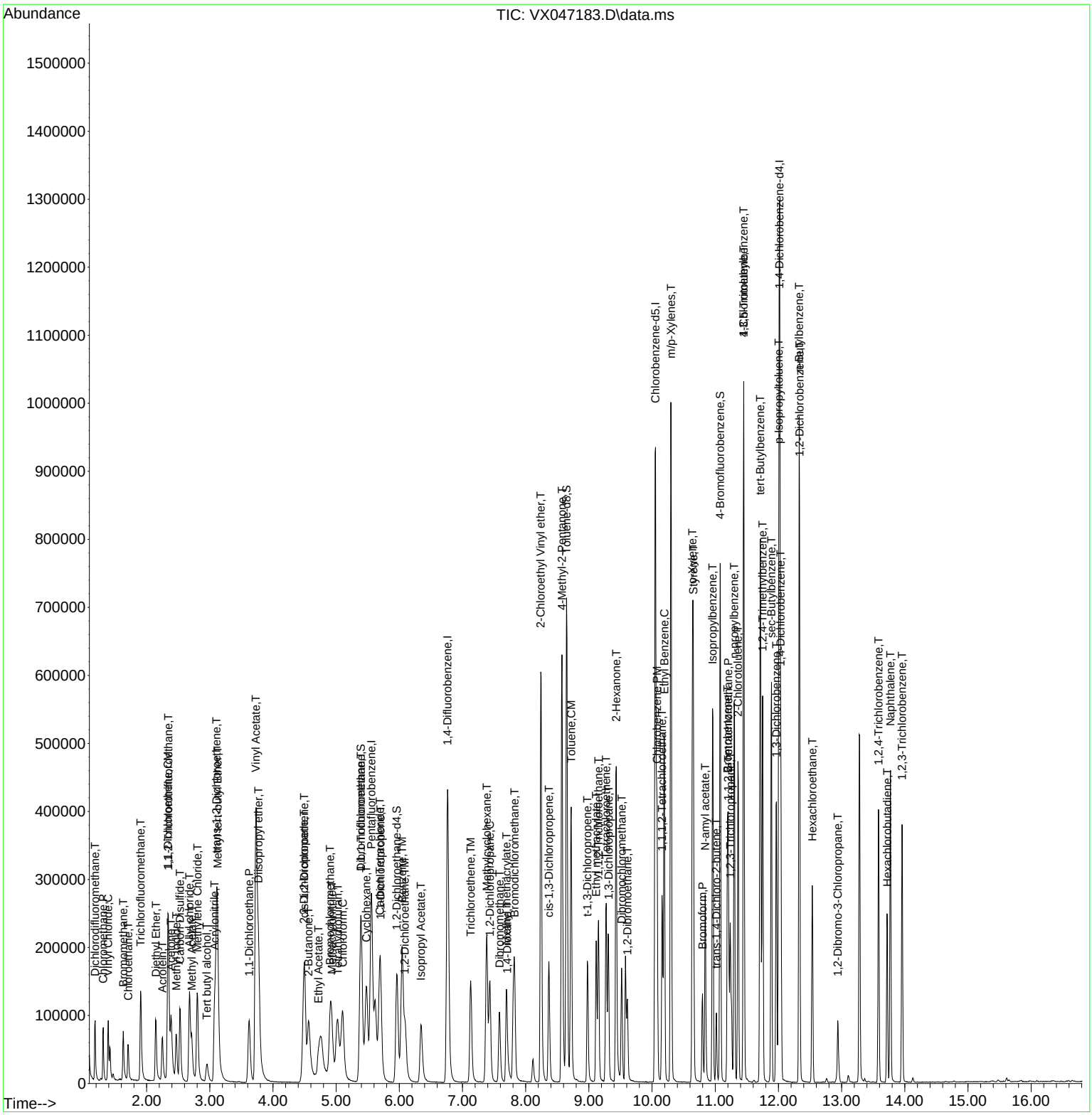
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047183.D
Acq On : 30 Jul 2025 13:37
Operator : JC/MD
Sample : VX0730WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 03:15:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



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

Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047055.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dichlorobenzene	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dioxane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Ethyl Acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Methyl methacrylate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	N-amyl acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	Ethyl Acetate	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC020	VX047057.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:18 AM	MMDadoda	7/22/2025 1:41:03 PM	Peak Integrated by Software
VSTDICCC050	VX047058.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:23 AM	MMDadoda	7/22/2025 1:41:05 PM	Peak Integrated by Software
VSTDICC100	VX047059.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:28 AM	MMDadoda	7/22/2025 1:41:08 PM	Peak Integrated by Software
VSTDICC150	VX047060.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:32 AM	MMDadoda	7/22/2025 1:41:09 PM	Peak Integrated by Software
VSTDICV050	VX047062.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX047062.D	1,4-Dioxane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx073025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047179.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:37:40 AM	MMDadoda	7/31/2025 2:09:06 PM	Peak Integrated by Software
VX0730WBS01	VX047182.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:37:44 AM	MMDadoda	7/31/2025 2:09:09 PM	Peak Integrated by Software
VX0730WBSD01	VX047183.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:37:49 AM	MMDadoda	7/31/2025 2:09:09 PM	Peak Integrated by Software
VSTDCCC050	VX047188.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:37:57 AM	MMDadoda	7/31/2025 2:09:13 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:41:20 PM		
SubDirectory	VX072125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047054.D	21 Jul 2025 08:53	JC/MD	Ok
2	VSTDICC001	VX047055.D	21 Jul 2025 09:47	JC/MD	Ok,M
3	VSTDICC005	VX047056.D	21 Jul 2025 10:08	JC/MD	Ok,M
4	VSTDICC020	VX047057.D	21 Jul 2025 10:29	JC/MD	Ok,M
5	VSTDICCC050	VX047058.D	21 Jul 2025 10:50	JC/MD	Ok,M
6	VSTDICC100	VX047059.D	21 Jul 2025 11:11	JC/MD	Ok,M
7	VSTDICC150	VX047060.D	21 Jul 2025 11:32	JC/MD	Ok,M
8	IBLK	VX047061.D	21 Jul 2025 11:52	JC/MD	Ok
9	VSTDICV050	VX047062.D	21 Jul 2025 13:17	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 # VX073025

Review By	John Carlone	Review On	7/31/2025 8:39:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/31/2025 2:09:15 PM		
SubDirectory	VX073025	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134943
Initial Calibration Stds	
CCC	VP134944,VP134945
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047178.D	30 Jul 2025 08:45	JC/MD	Ok
2	VSTDCCC050	VX047179.D	30 Jul 2025 09:14	JC/MD	Ok,M
3	VX0730MBL01	VX047180.D	30 Jul 2025 09:44	JC/MD	Ok
4	VX0730WBL01	VX047181.D	30 Jul 2025 12:44	JC/MD	Ok
5	VX0730WBS01	VX047182.D	30 Jul 2025 13:11	JC/MD	Ok,M
6	VX0730WBSD01	VX047183.D	30 Jul 2025 13:37	JC/MD	Ok,M
7	PB169042TB	VX047184.D	30 Jul 2025 13:58	JC/MD	Ok,M
8	Q2709-02	VX047185.D	30 Jul 2025 14:20	JC/MD	ReRun
9	Q2709-02	VX047186.D	30 Jul 2025 15:00	JC/MD	Ok
10	Q2733-01	VX047187.D	30 Jul 2025 16:11	JC/MD	Ok
11	VSTDCCC050	VX047188.D	30 Jul 2025 16:32	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 # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:41:20 PM		
SubDirectory	VX072125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047054.D	21 Jul 2025 08:53		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047055.D	21 Jul 2025 09:47		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047056.D	21 Jul 2025 10:08	Comp. #11 is on Linear Regression	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047057.D	21 Jul 2025 10:29		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047058.D	21 Jul 2025 10:50		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047059.D	21 Jul 2025 11:11		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047060.D	21 Jul 2025 11:32		JC/MD	Ok,M
8	IBLK	IBLK	VX047061.D	21 Jul 2025 11:52		JC/MD	Ok
9	VSTDICV050	ICVVX072125	VX047062.D	21 Jul 2025 13:17		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 # VX073025

Review By	John Carlone	Review On	7/31/2025 8:39:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/31/2025 2:09:15 PM		
SubDirectory	VX073025	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134943
Initial Calibration Stds	
CCC	VP134944,VP134945
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	VX047178.D	30 Jul 2025 08:45		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047179.D	30 Jul 2025 09:14	pH#Lot#V12668	JC/MD	Ok,M
3	VX0730MBL01	VX0730MBL01	VX047180.D	30 Jul 2025 09:44		JC/MD	Ok
4	VX0730WBL01	VX0730WBL01	VX047181.D	30 Jul 2025 12:44		JC/MD	Ok
5	VX0730WBS01	VX0730WBS01	VX047182.D	30 Jul 2025 13:11		JC/MD	Ok,M
6	VX0730WBSD01	VX0730WBSD01	VX047183.D	30 Jul 2025 13:37		JC/MD	Ok,M
7	PB169042TB	PB169042TB	VX047184.D	30 Jul 2025 13:58		JC/MD	Ok,M
8	Q2709-02	7211935-295	VX047185.D	30 Jul 2025 14:20	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
9	Q2709-02	7211935-295	VX047186.D	30 Jul 2025 15:00	vial B pH#5.0	JC/MD	Ok
10	Q2733-01	TW-WTS-12	VX047187.D	30 Jul 2025 16:11	vial A pH<2	JC/MD	Ok
11	VSTDCCC050	VSTDCCC050EC	VX047188.D	30 Jul 2025 16:32		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 2733

COC Number:

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: 5 DAYS*
HARD COPY: DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS 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

	SVOC-TCL BNA-20	Flash Point	PCB	BOD5	TSS	VOC-TCLVOA-10	Metals ICP-TAL		
	1	2	3	4	5	6	7	8	9
PRESERVATIVES	E	E	E	E	E	A	B		
	1	2	3	4	5	6	7	8	9

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.	TW-WTS-12	Surface Water		X	7/30	11:00	7
2.							
3.							
4.							
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	07/30/25 12:00	RECEIVED BY 1.	1300 7-30-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 1535 7-30-25	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.1°C ☐ Ice in Cooler?:

Comments:

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

DP 07/31/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2733 ENTA05
Client Name : ENTACT
Client Contact : Austin Farmerie
Invoice Name : ENTACT
Invoice Contact : Austin Farmerie

Order Date : 7/30/2025 1:11:00 PM
Project Name : 540 Degraw St, Brooklyn, N
Receive DateTime : 7/30/2025 ~~2:00:00~~ 03:35:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2733-01	TW-WTS-12	Water	07/30/2025	11:00					
					VOCMS Group4		8260-Low		5 Bus. Days

Relinquished By :
Date / Time : 7-30-25 1555

Received By :
Date / Time : 7/30/25 1555

Storage Area : VOA Refridgerator Room