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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3508	**OrderDate:**	10/31/2025 11:36:00 AM
Client:	ATG-GREENVILLE AEC	**Project:**	AEC-2025-0013-CSC 4133 Goshen
Contact:	Staci Bruce	**Location:**	J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3508-01	**SW-1**	**Water**			**10/30/25**			**10/31/25**
			VOC-BTEX	8260-Low			10/31/25	
Q3508-02	**TB**	**Water**			**10/29/25**			**10/31/25**
			VOC-BTEX	8260-Low			10/31/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3508

Client: ATG-GREENVILLE AEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q3508

Client: ATG-GREENVILLE AEC

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3508-01	SW-1	1,2-Dichloroethane-d4	50	53.2	106		74	125
		Dibromofluoromethane	50	52.0	104		75	124
		Toluene-d8	50	50.3	101		86	113
		4-Bromofluorobenzene	50	57.5	115		77	121
Q3508-02	TB	1,2-Dichloroethane-d4	50	56.4	113		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	50.6	101		86	113
		4-Bromofluorobenzene	50	60.8	122	*	77	121
VX1031WBL01	VX1031WBL01	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	48.6	97		86	113
		4-Bromofluorobenzene	50	57.6	115		77	121
VX1031WBS01	VX1031WBS01	1,2-Dichloroethane-d4	50	57.7	115		74	125
		Dibromofluoromethane	50	53.7	107		75	124
		Toluene-d8	50	52.9	106		86	113
		4-Bromofluorobenzene	50	54.8	110		77	121
VX1031WBSD0	VX1031WBSD01	1,2-Dichloroethane-d4	50	52.5	105		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	50.8	102		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3508 **Analytical Method:** SW8260-Low

Client: ATG-GREENVILLE AEC **Datafile :** VX048419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBS01	Benzene	20	17.7	ug/L	89			82	109	
	Toluene	20	17.8	ug/L	89			82	110	
	Ethyl Benzene	20	16.8	ug/L	84			83	109	
	m/p-Xylenes	40	34.2	ug/L	86			82	110	
	o-Xylene	20	17.0	ug/L	85			83	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3508 **Analytical Method:** SW8260-Low

Client: ATG-GREENVILLE AEC **Datafile :** VX048420.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBSD01	Benzene	20	19.1	ug/L	96	8		82	109	15
	Toluene	20	19.2	ug/L	96	8		82	110	16
	Ethyl Benzene	20	19.1	ug/L	96	13		83	109	16
	m/p-Xylenes	40	38.6	ug/L	97	12		82	110	15
	o-Xylene	20	19.3	ug/L	97	13		83	109	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1031WBL01

Lab Name: Alliance | Contract: ATGG01

Lab Code: ACE | SDG NO.: Q3508

Lab File ID: VX048418.D | Lab Sample ID: VX1031WBL01

Date Analyzed: 10/31/2025 | Time Analyzed: 10:06

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
VX1031WBS01	VX1031WBS01	VX048419.D	10/31/2025
VX1031WBSD01	VX1031WBSD01	VX048420.D	10/31/2025
TB	Q3508-02	VX048438.D	10/31/2025
SW-1	Q3508-01	VX048440.D	10/31/2025

COMMENTS:

Raw Data: **VX048403.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ATGG01
Lab Code: ACE
SDG NO.: Q3508
Lab File ID: VX048403.D
BFB Injection Date: 10/29/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:39
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	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.3
175	5.0 - 9.0% of mass 174	5 (6.9) 1
176	95.0 - 101.0% of mass 174	70.8 (97.9) 1
177	5.0 - 9.0% of mass 176	4.6 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048407.D	10/29/2025	11:12
VSTDICC005	VSTDICC005	VX048408.D	10/29/2025	11:41
VSTDICC020	VSTDICC020	VX048409.D	10/29/2025	12:01
VSTDICCC050	VSTDICCC050	VX048410.D	10/29/2025	12:22
VSTDICC100	VSTDICC100	VX048411.D	10/29/2025	12:43
VSTDICC150	VSTDICC150	VX048412.D	10/29/2025	13:03

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ATGG01
Lab Code: ACE
SDG NO.: Q3508
Lab File ID: VX048415.D
BFB Injection Date: 10/31/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:06
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71.6
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.3 (95.4) 1
177	5.0 - 9.0% of mass 176	4.6 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048416.D	10/31/2025	09:18
VX1031WBL01	VX1031WBL01	VX048418.D	10/31/2025	10:06
VX1031WBS01	VX1031WBS01	VX048419.D	10/31/2025	10:34
VX1031WBSD01	VX1031WBSD01	VX048420.D	10/31/2025	11:00
TB	Q3508-02	VX048438.D	10/31/2025	17:12
SW-1	Q3508-01	VX048440.D	10/31/2025	17:54

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q3508

Lab File ID: VX048416.D Date Analyzed: 10/31/2025

Instrument ID: MSVOA_X Time Analyzed: 09:18

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	152790	5.53	255523	6.74	229228	10.04
UPPER LIMIT	305580	6.031	511046	7.239	458456	10.537
LOWER LIMIT	76395	5.031	127762	6.239	114614	9.537
EPA SAMPLE NO.						
SW-1	140573	5.54	277552	6.75	304691	10.04
TB	113998	5.54	232735	6.75	258732	10.04
VX1031WBL01	109923	5.54	221003	6.75	229713	10.04
VX1031WBS01	179964	5.53	315014	6.74	292819	10.04
VX1031WBSD01	161570	5.53	274506	6.74	244643	10.04

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q3508

Lab File ID: VX048416.D Date Analyzed: 10/31/2025

Instrument ID: MSVOA_X Time Analyzed: 09:18

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

	IS4 AREA #	RT #				
12 HOUR STD	111736	12				
UPPER LIMIT	223472	12.5				
LOWER LIMIT	55868	11.5				
EPA SAMPLE NO.						
SW-1	147012	12.01				
TB	118147	12.01				
VX1031WBL01	119652	12.01				
VX1031WBS01	146834	12.01				
VX1031WBSD01	120989	12.01				

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: **VX048440.D**

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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	10/30/25
Project:	AEC-2025-0013-CSC 4133 Goshen	Date Received:	10/31/25
Client Sample ID:	SW-1	SDG No.:	Q3508
Lab Sample ID:	Q3508-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.00015	U	1	0.00015	0.0010	mg/L	10/31/25 17:54	VX103125
108-88-3	Toluene	0.00014	U	1	0.00014	0.0010	mg/L	10/31/25 17:54	VX103125
100-41-4	Ethyl Benzene	0.00013	U	1	0.00013	0.0010	mg/L	10/31/25 17:54	VX103125
179601-23-1	m/p-Xylenes	0.00024	U	1	0.00024	0.0020	mg/L	10/31/25 17:54	VX103125
95-47-6	o-Xylene	0.00012	U	1	0.00012	0.0010	mg/L	10/31/25 17:54	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			74 - 125	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.3			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.5			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	141000							
540-36-3	1,4-Difluorobenzene	278000							
3114-55-4	Chlorobenzene-d5	305000							
3855-82-1	1,4-Dichlorobenzene-d4	147000							

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

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

Sample Results: **VX048440.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048440.D
Acq On : 31 Oct 2025 17:54
Operator : JC/MD
Sample : Q3508-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Oct 31 23:09:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

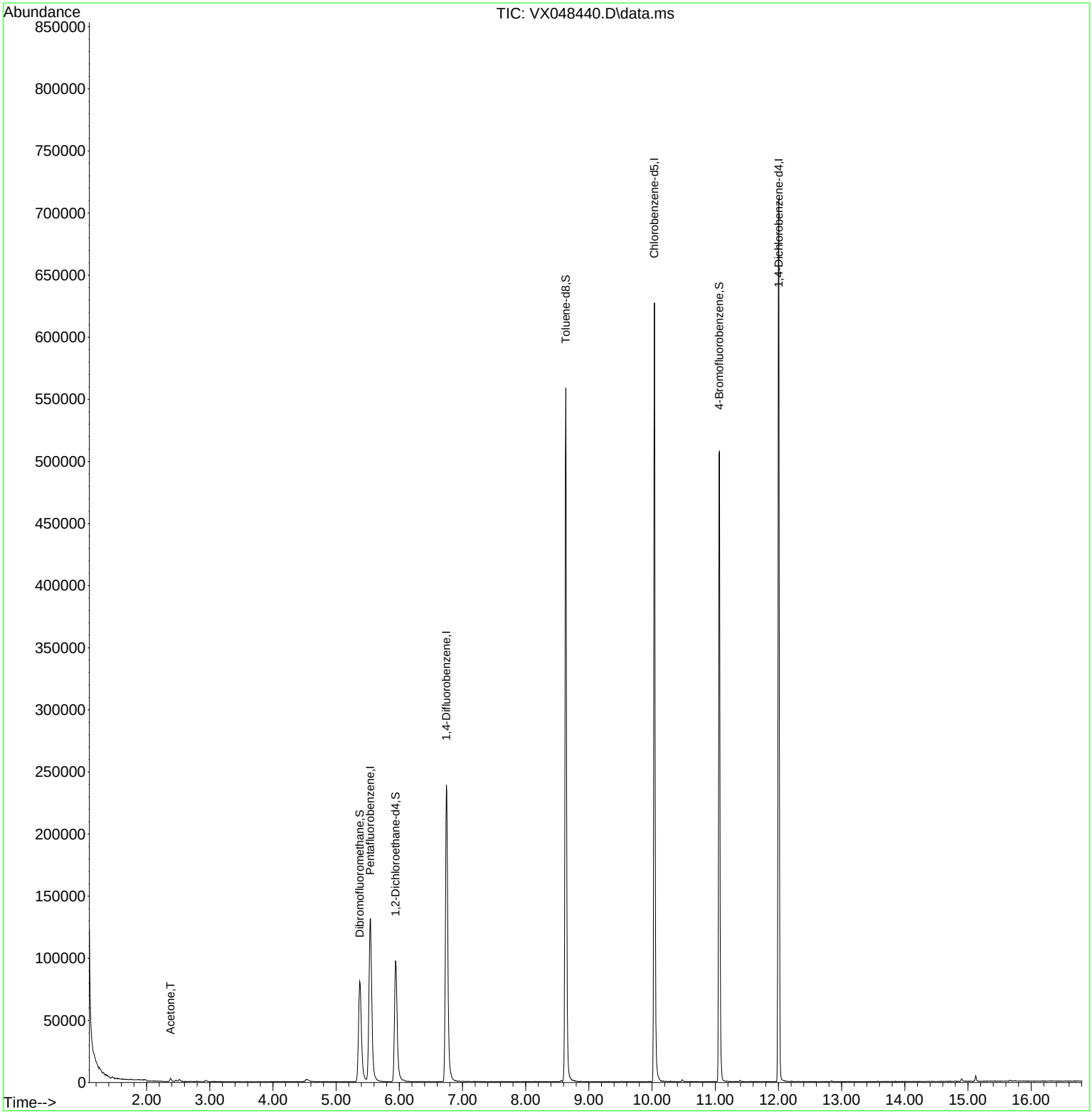
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	140573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	277552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	304691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107570	53.209	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.420%			
35) Dibromofluoromethane	5.373	113	82332	52.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.634	98	351112	50.265	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.061	95	150235	57.494	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.980%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3663	7.994	ug/l	92

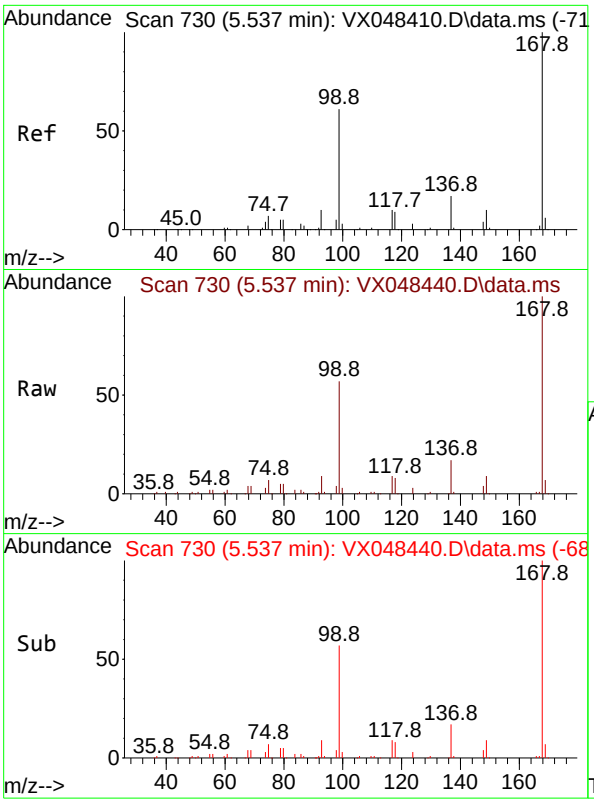
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048440.D
Acq On : 31 Oct 2025 17:54
Operator : JC/MD
Sample : Q3508-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Oct 31 23:09:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



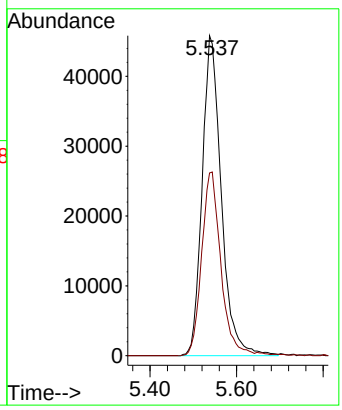


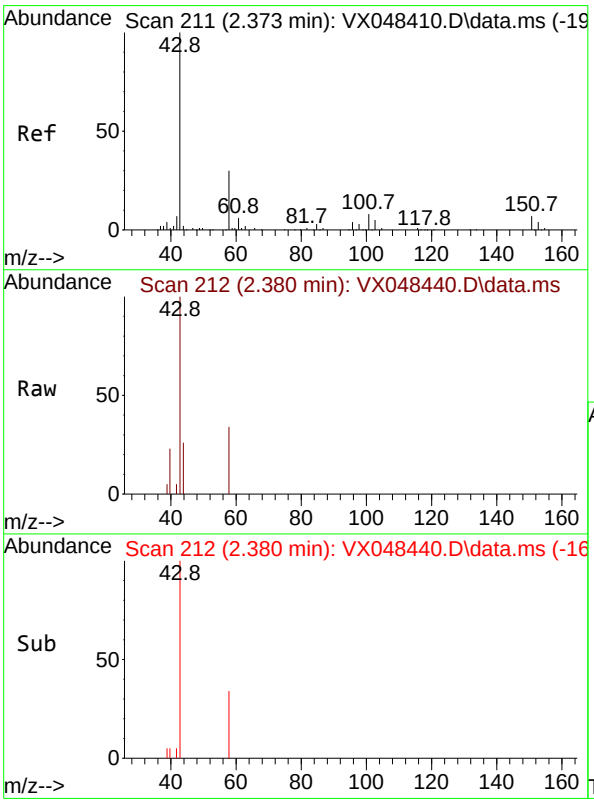
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:168 Resp: 140573

Ion	Ratio	Lower	Upper
168	100		
99	57.1	46.4	69.6

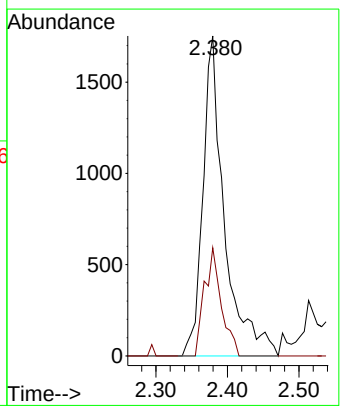


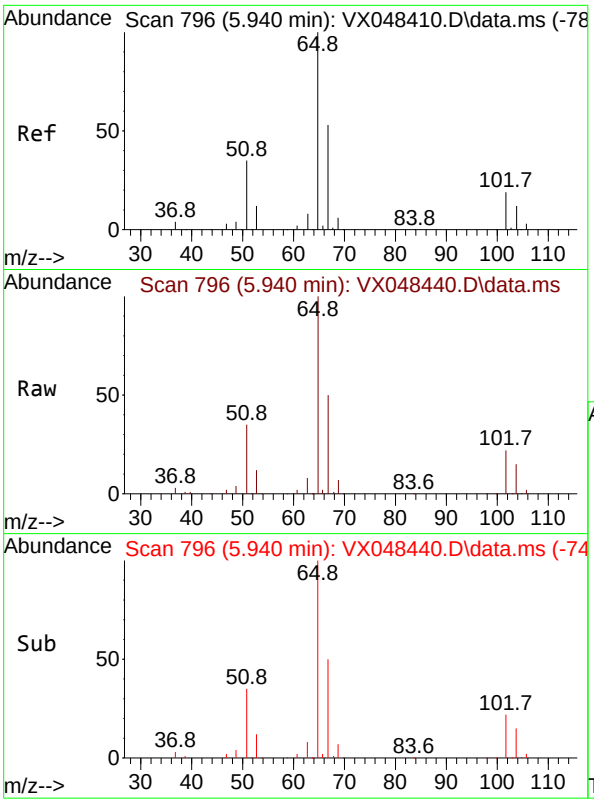


#16
Acetone
Concen: 7.994 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Tgt Ion: 43 Resp: 3663

Ion	Ratio	Lower	Upper
43	100		
58	33.8	23.4	35.2



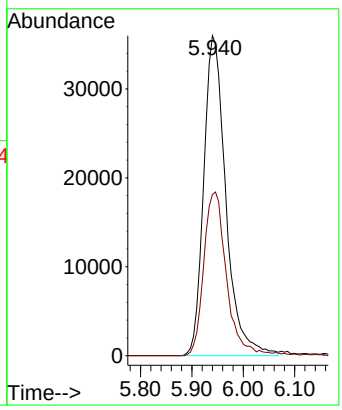


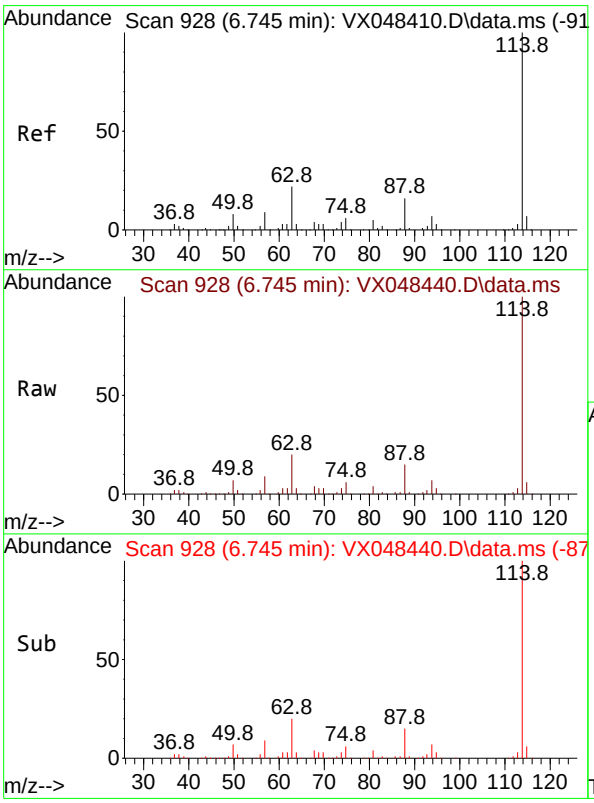
#33
1,2-Dichloroethane-d4
Concen: 53.209 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion: 65 Resp: 107570

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.0

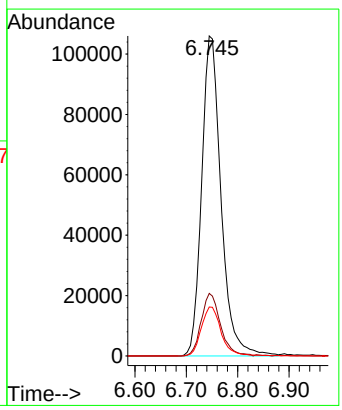


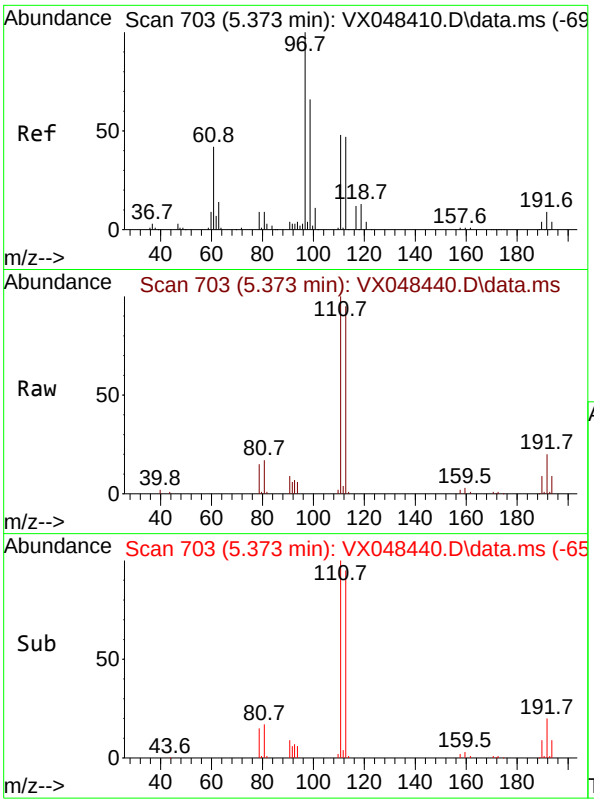


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Tgt Ion:114 Resp: 277552

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.2
88	15.3	0.0	33.6



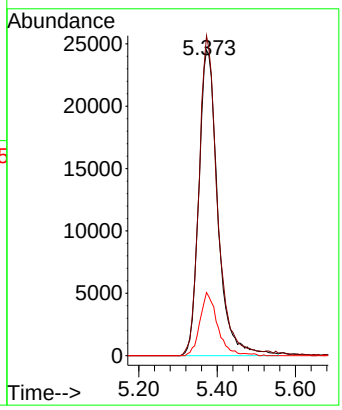


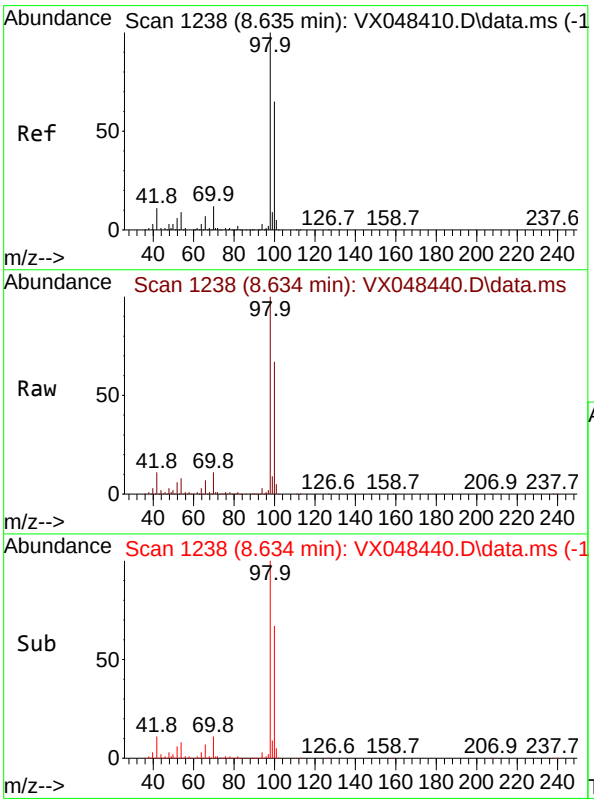
#35
Dibromofluoromethane
Concen: 52.029 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:113 Resp: 82332

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	19.3	15.1	22.7

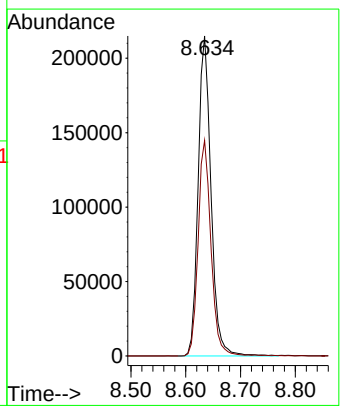


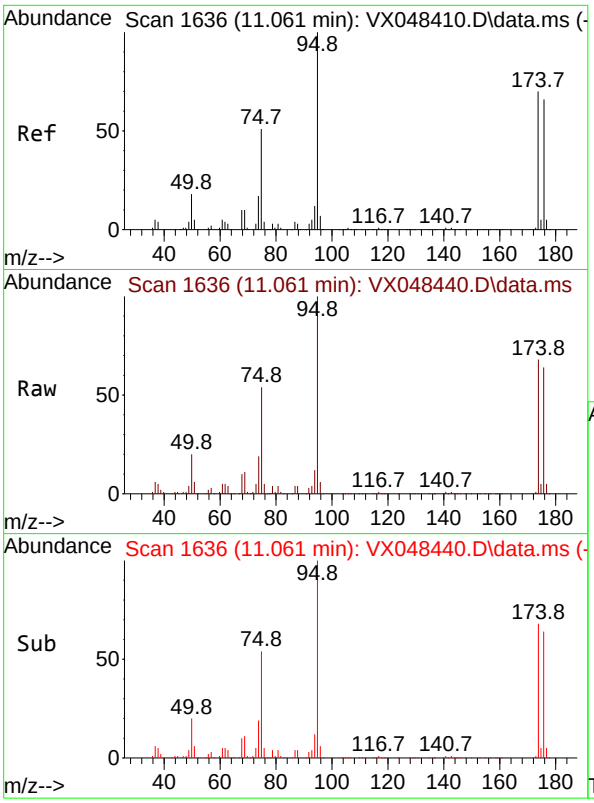


#50
Toluene-d8
Concen: 50.265 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Tgt Ion: 98 Resp: 351112

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4



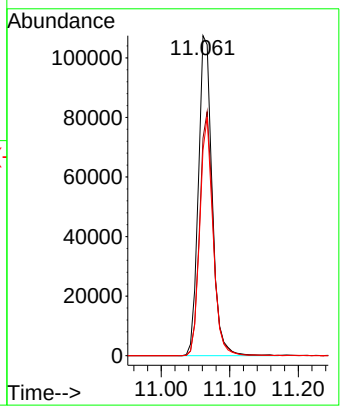


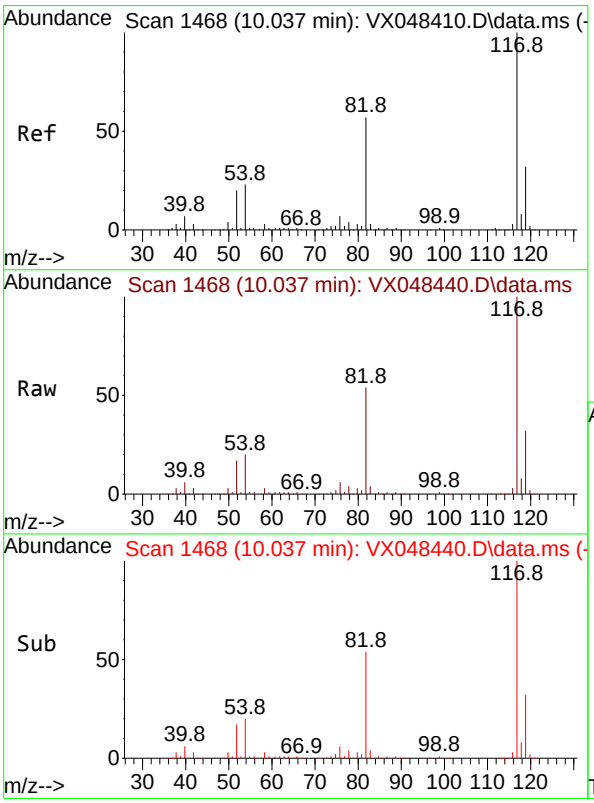
#62
4-Bromofluorobenzene
Concen: 57.494 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion: 95 Resp: 150235

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	147.8
176	71.7	0.0	142.8

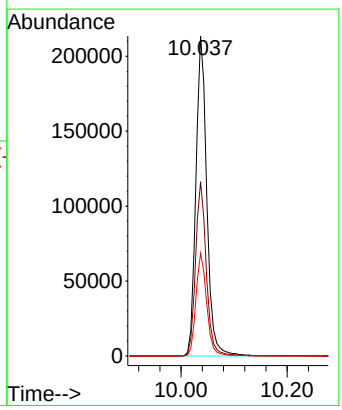


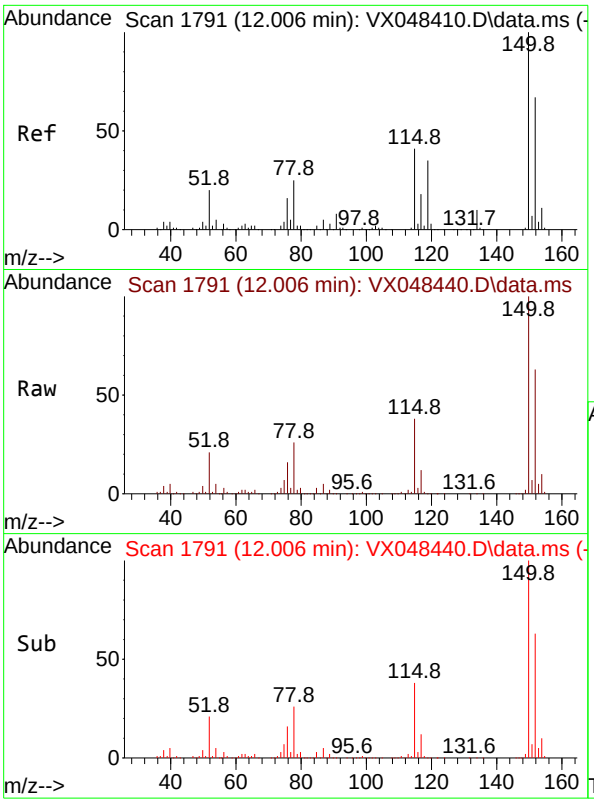


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Tgt Ion:117 Resp: 304691

Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.5	69.7
119	32.1	25.9	38.9



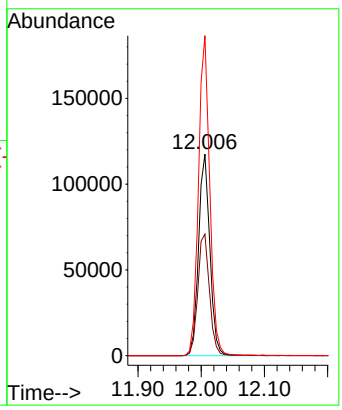


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 147012

Ion	Ratio	Lower	Upper
152	100		
115	62.0	43.1	129.4
150	157.4	0.0	353.0



Raw Data: **VX048438.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	10/29/25
Project:	AEC-2025-0013-CSC 4133 Goshen	Date Received:	10/31/25
Client Sample ID:	TB	SDG No.:	Q3508
Lab Sample ID:	Q3508-02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.00015	U	1	0.00015	0.0010	mg/L	10/31/25 17:12	VX103125
108-88-3	Toluene	0.00014	U	1	0.00014	0.0010	mg/L	10/31/25 17:12	VX103125
100-41-4	Ethyl Benzene	0.00013	U	1	0.00013	0.0010	mg/L	10/31/25 17:12	VX103125
179601-23-1	m/p-Xylenes	0.00024	U	1	0.00024	0.0020	mg/L	10/31/25 17:12	VX103125
95-47-6	o-Xylene	0.00012	U	1	0.00012	0.0010	mg/L	10/31/25 17:12	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.4			74 - 125	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	50.6			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.8	*		77 - 121	122%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	114000							
540-36-3	1,4-Difluorobenzene	233000							
3114-55-4	Chlorobenzene-d5	259000							
3855-82-1	1,4-Dichlorobenzene-d4	118000							

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\VX103125\
Data File : VX048438.D
Acq On : 31 Oct 2025 17:12
Operator : JC/MD
Sample : Q3508-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Oct 31 23:08:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

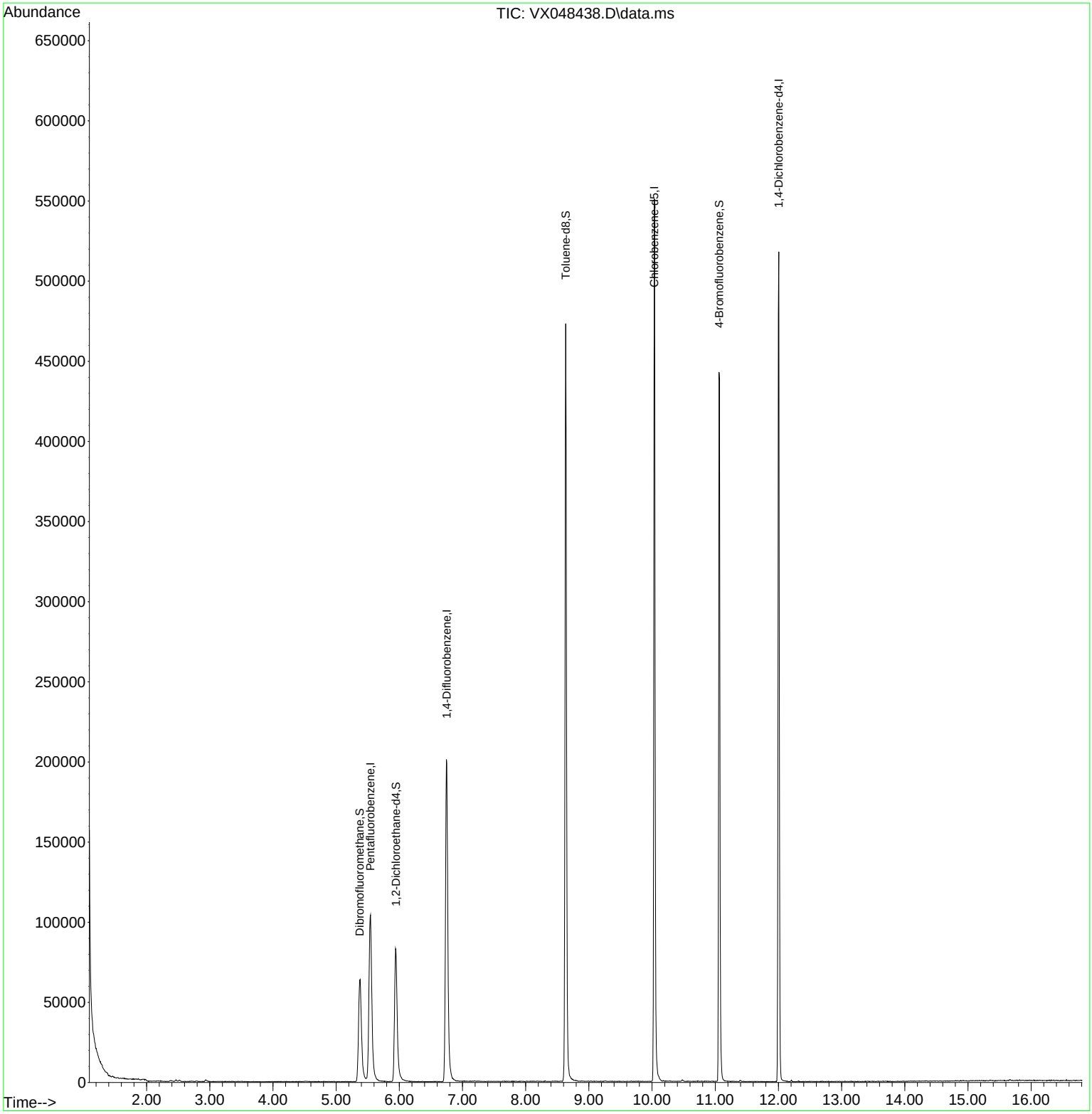
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	113998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	232735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92438	56.383	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.760%			
35) Dibromofluoromethane	5.373	113	66728	50.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	8.635	98	296613	50.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.061	95	133173	60.779	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.560%			
Target Compounds						Qvalue

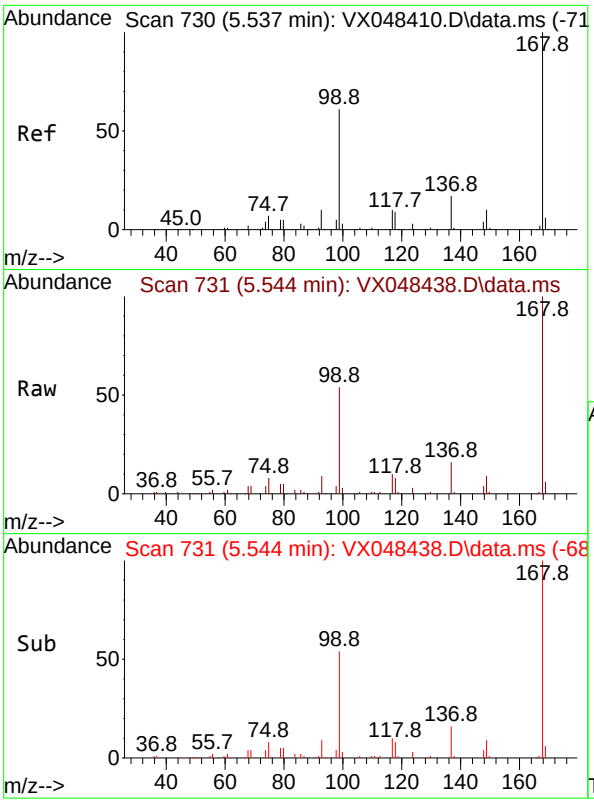
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048438.D
Acq On : 31 Oct 2025 17:12
Operator : JC/MD
Sample : Q3508-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Oct 31 23:08:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



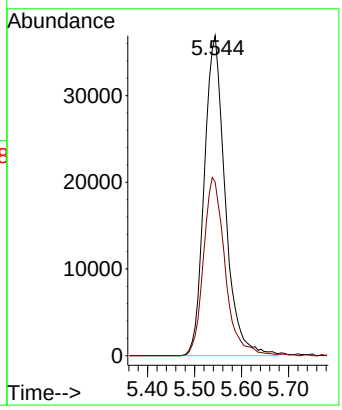


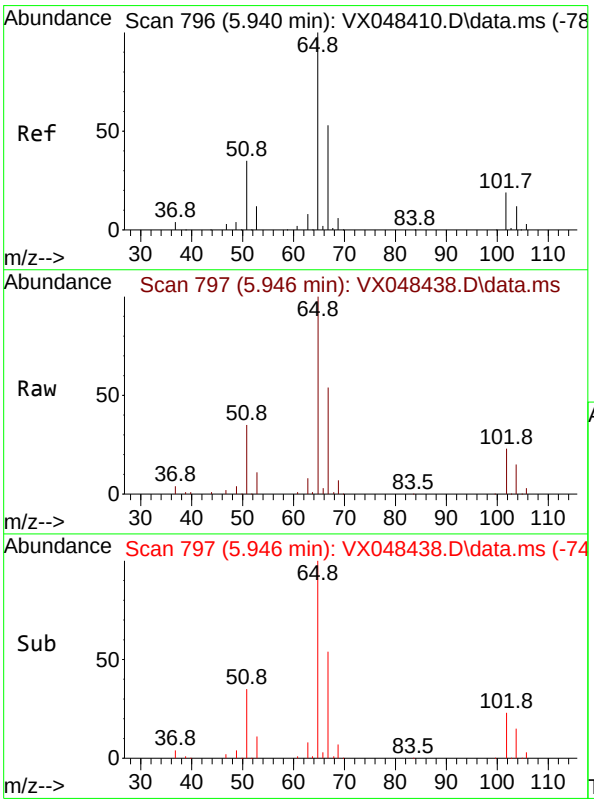
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 113998

Ion	Ratio	Lower	Upper
168	100		
99	54.3	46.4	69.6

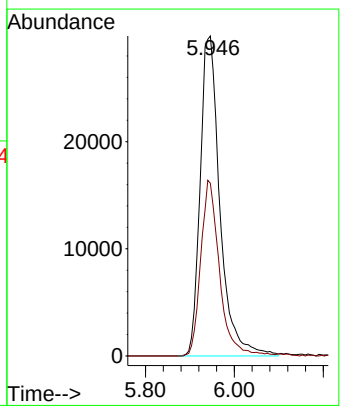


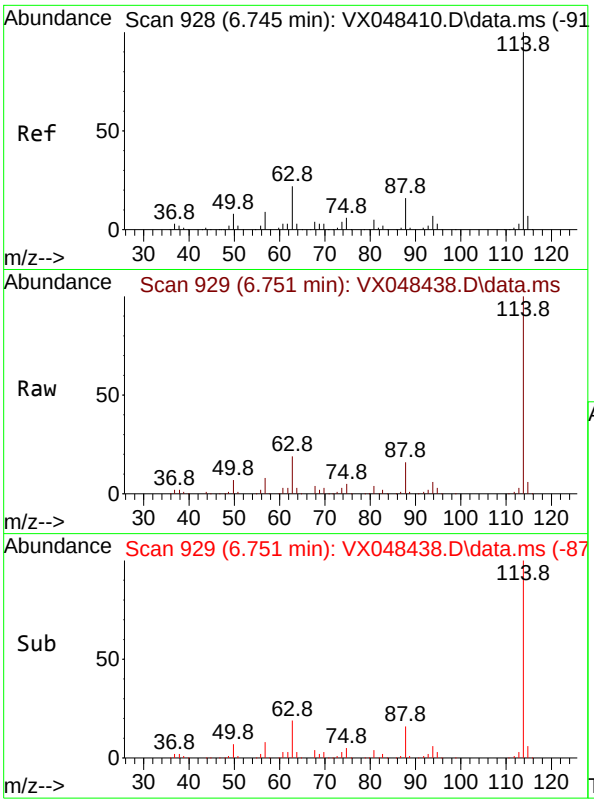


#33
1,2-Dichloroethane-d4
Concen: 56.383 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion: 65 Resp: 92438

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.0



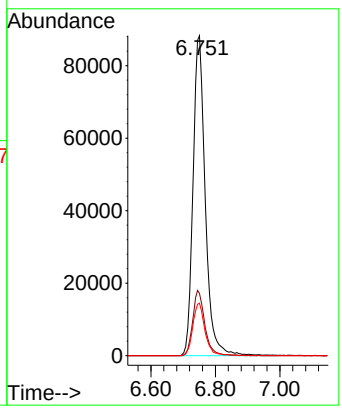


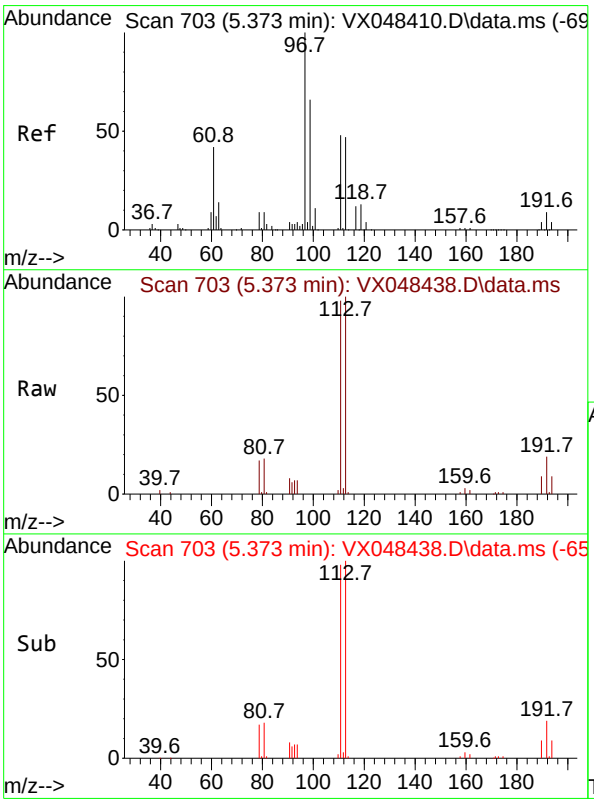
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:114 Resp: 232735

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.2
88	16.4	0.0	33.6

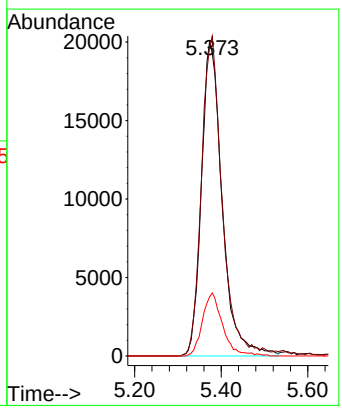


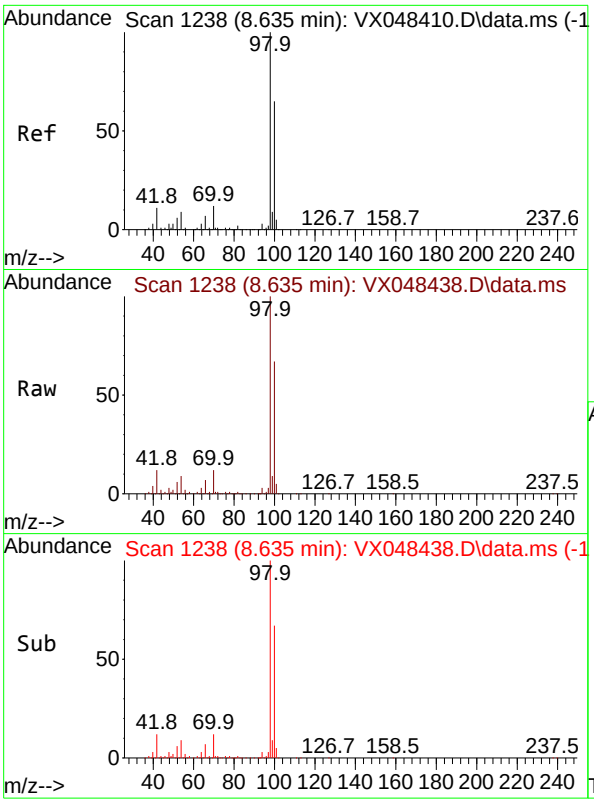


#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion:113 Resp: 66728

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.4
192	19.5	15.1	22.7



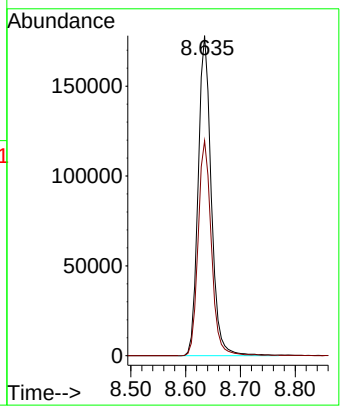


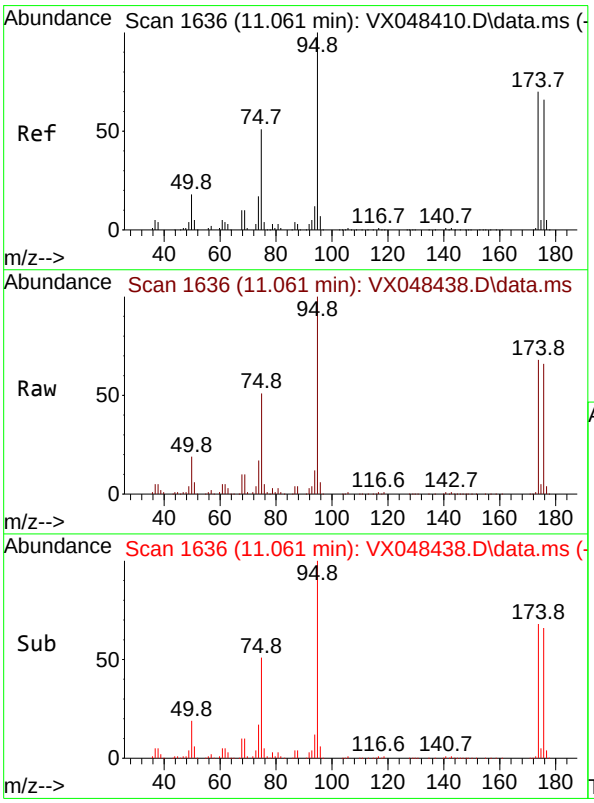
#50
Toluene-d8
Concen: 50.640 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 296613

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.4

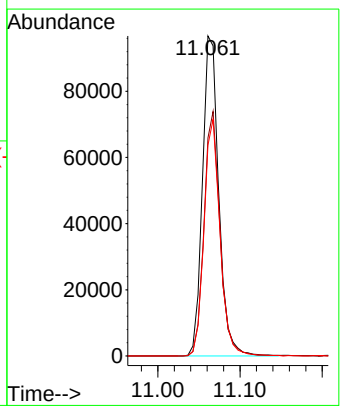


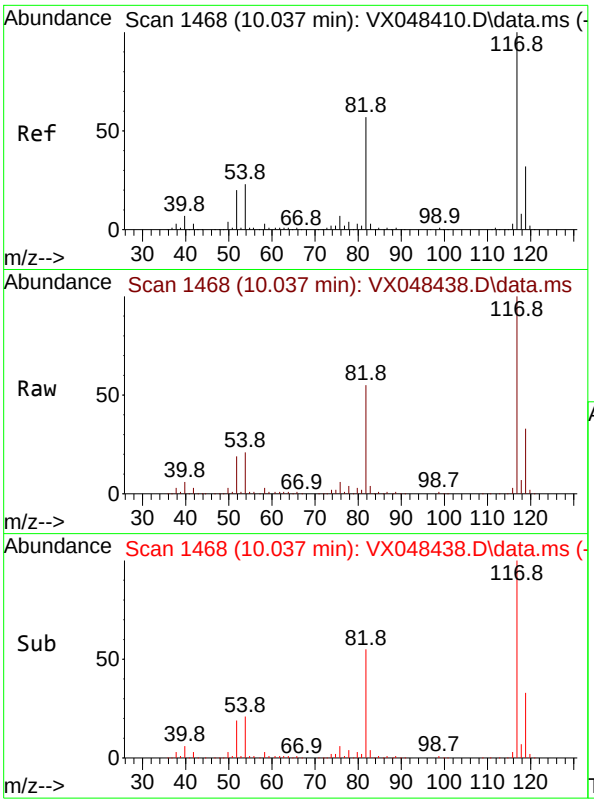


#62
4-Bromofluorobenzene
Concen: 60.779 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion: 95 Resp: 133173

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	147.8
176	72.6	0.0	142.8



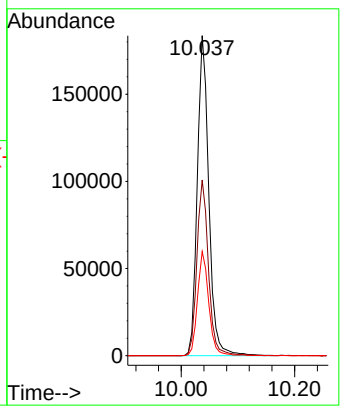


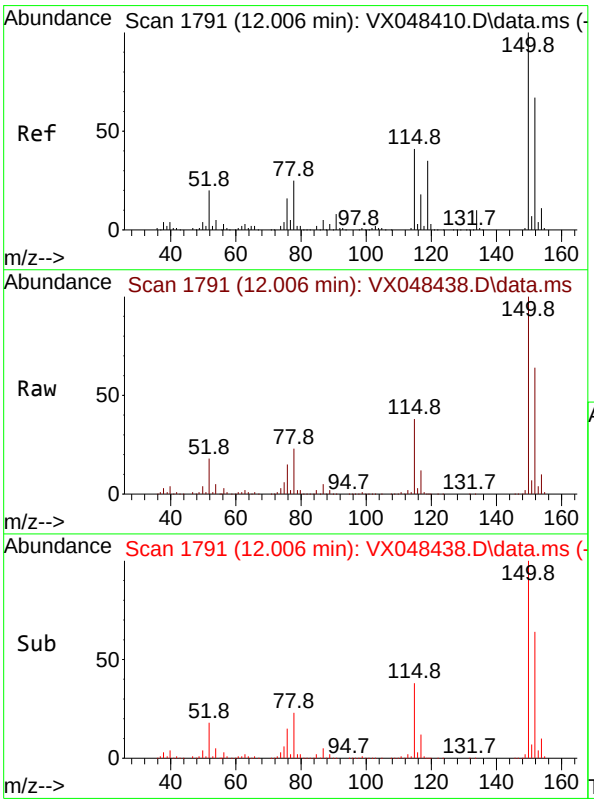
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 258732

Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.5	69.7
119	32.6	25.9	38.9

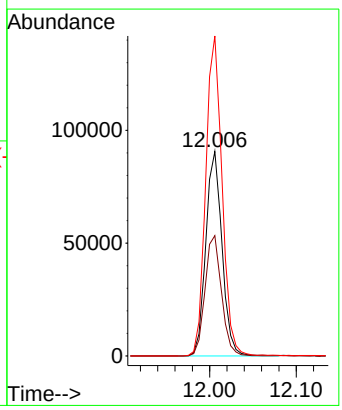




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion:152 Resp: 118147

Ion	Ratio	Lower	Upper
152	100		
115	59.8	43.1	129.4
150	157.8	0.0	353.0



CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG No.: Q3508

Instrument ID: MSVOA_X Calibration Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:12 13:03

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

LAB FILE ID: RRF001 = VX048407.D RRF005 = VX048408.D RRF020 = VX048409.D
RRF050 = VX048410.D RRF100 = VX048411.D RRF150 = VX048412.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.397	1.464	1.457	1.472	1.461	1.524	1.462	2.8
Toluene	0.864	0.918	0.902	0.931	0.914	0.955	0.914	3.3
Ethyl Benzene	1.825	1.909	1.888	1.994	1.951	2.070	1.940	4.4
m/p-Xylenes	0.663	0.731	0.718	0.773	0.744	0.777	0.734	5.7
o-Xylene	0.636	0.689	0.686	0.729	0.721	0.750	0.702	5.8
1,2-Dichloroethane-d4		0.765	0.689	0.674	0.728	0.739	0.719	5.2
Dibromofluoromethane		0.300	0.260	0.276	0.283	0.307	0.285	6.6
Toluene-d8		1.333	1.191	1.222	1.207	1.339	1.258	5.7
4-Bromofluorobenzene		0.537	0.437	0.446	0.449	0.485	0.471	8.8

* 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 : 82X102925W.M
Title : SW846 8260
Last Update : Thu Oct 30 02:37:17 2025
Response Via : Initial Calibration

Calibration Files
1 =VX048407.D 5 =VX048408.D 20 =VX048409.D 50 =VX048410.D 100 =VX048411.D 150 =VX048412.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.488	0.487	0.477	0.539	0.504	0.565	0.510	6.76
3)	P	Chloromethane	0.366	0.263	0.275	0.271	0.274	0.277	0.288	13.49
4)	C	Vinyl Chloride	0.639	0.646	0.642	0.666	0.677	0.718	0.665	4.53#
5)	T	Bromomethane		0.254	0.257	0.242	0.237	0.210	0.240	7.78
6)	T	Chloroethane	0.405	0.394	0.382	0.391	0.398	0.402	0.395	2.10
7)	T	Trichlorofluor...	0.984	1.004	0.981	1.036	1.006	1.100	1.019	4.37
8)	T	Diethyl Ether	0.367	0.347	0.368	0.349	0.396	0.381	0.368	5.13
9)	T	1,1,2-Trichlor...	0.542	0.569	0.546	0.589	0.565	0.626	0.573	5.43
10)	T	Methyl Iodide		2.232	2.136	2.192	2.444	2.516	2.304	7.23
11)	T	Tert butyl alc...		0.049	0.054	0.053	0.061	0.059	0.055	8.49
12)	CM	1,1-Dichloroet...	0.573	0.559	0.559	0.581	0.591	0.628	0.582	4.40#
13)	T	Acrolein		0.105	0.112	0.112	0.128	0.118	0.115	7.44
14)	T	Allyl chloride	1.076	0.952	0.946	0.935	1.006	0.999	0.986	5.37
15)	T	Acrylonitrile	0.251	0.233	0.241	0.247	0.272	0.261	0.251	5.55
16)	T	Acetone	0.176	0.136	0.156	0.159	0.176	0.175	0.163	9.84
17)	T	Carbon Disulfide	1.871	1.692	1.629	1.676	1.568	1.577	1.669	6.66
18)	T	Methyl Acetate	0.578	0.474	0.488	0.494	0.612	0.625	0.545	12.41
19)	T	Methyl tert-bu...	1.967	1.753	1.815	1.763	1.975	1.908	1.864	5.36
20)	T	Methylene Chlo...	0.660	0.613	0.619	0.598	0.651	0.628	0.628	3.74
21)	T	trans-1,2-Dich...	0.614	0.604	0.610	0.606	0.632	0.643	0.618	2.53
22)	T	Diisopropyl ether	1.908	1.986	2.009	1.978	2.150	2.072	2.017	4.17
23)	T	Vinyl Acetate	1.453	1.390	1.457	1.330	1.373	1.237	1.373	6.01
24)	P	1,1-Dichloroet...	1.130	1.140	1.127	1.106	1.190	1.176	1.145	2.78
25)	T	2-Butanone	0.257	0.225	0.261	0.257	0.287	0.275	0.260	8.09
26)	T	2,2-Dichloropr...	1.042	0.949	0.935	0.952	1.002	1.035	0.986	4.74
27)	T	cis-1,2-Dichlo...	0.756	0.717	0.709	0.712	0.771	0.761	0.738	3.79
28)	T	Bromochloromet...	0.465	0.513	0.556	0.513	0.519	0.546	0.519	6.16
29)	T	Tetrahydrofuran	0.193	0.168	0.177	0.181	0.203	0.190	0.185	6.71
30)	C	Chloroform	1.200	1.176	1.167	1.131	1.212	1.180	1.178	2.41#
31)	T	Cyclohexane		0.962	0.968	1.011	0.964	1.063	0.994	4.41
32)	T	1,1,1-Trichlor...	1.030	1.024	1.013	1.030	1.057	1.084	1.040	2.53
33)	S	1,2-Dichloroet...		0.765	0.689	0.674	0.728	0.739	0.719	5.19
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.300	0.260	0.276	0.283	0.307	0.285	6.64
36)	T	1,1-Dichloropr...	0.482	0.446	0.481	0.490	0.463	0.511	0.479	4.63
37)	T	Ethyl Acetate	0.364	0.421	0.396	0.410	0.426	0.430	0.408	6.06
38)	T	Carbon Tetrach...	0.578	0.562	0.528	0.559	0.517	0.572	0.553	4.45
39)	T	Methylcyclohexane	0.578	0.604	0.565	0.665	0.585	0.696	0.616	8.52
40)	TM	Benzene	1.397	1.464	1.457	1.472	1.461	1.524	1.462	2.77
41)	T	Methacrylonitrile	0.195	0.184	0.205	0.215	0.218	0.216	0.205	6.63
42)	TM	1,2-Dichloroet...	0.521	0.520	0.519	0.501	0.514	0.515	0.515	1.46
43)	T	Isopropyl Acetate	0.655	0.628	0.664	0.672	0.707	0.715	0.673	4.82
44)	TM	Trichloroethene	0.365	0.399	0.368	0.381	0.379	0.406	0.383	4.28
45)	C	1,2-Dichloropr...	0.367	0.357	0.359	0.362	0.369	0.377	0.365	1.99#
46)	T	Dibromomethane	0.245	0.260	0.252	0.252	0.261	0.263	0.256	2.80
47)	T	Bromodichlorom...	0.542	0.553	0.536	0.538	0.542	0.550	0.543	1.25
48)	T	Methyl methacr...	0.281	0.305	0.325	0.334	0.361	0.364	0.328	9.77
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	15.65
50)	S	Toluene-d8		1.333	1.191	1.222	1.207	1.339	1.258	5.70
51)	T	4-Methyl-2-Pen...	0.366	0.355	0.373	0.375	0.391	0.388	0.375	3.54
52)	CM	Toluene	0.864	0.918	0.902	0.931	0.914	0.955	0.914	3.32#
53)	T	t-1,3-Dichloro...	0.463	0.491	0.510	0.496	0.501	0.493	0.492	3.23
54)	T	cis-1,3-Dichlo...	0.549	0.525	0.558	0.524	0.522	0.506	0.531	3.66
55)	T	1,1,2-Trichlor...	0.329	0.330	0.332	0.326	0.333	0.334	0.331	0.99
56)	T	Ethyl methacry...	0.437	0.438	0.473	0.492	0.533	0.533	0.484	8.90

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X102925W.M

57)	T	1,3-Dichloropr...	0.578	0.580	0.566	0.568	0.574	0.575	0.573	0.95
58)	T	2-Chloroethyl ...	0.145	0.216	0.278	0.282	0.281	0.302	0.251	23.68
59)	T	2-Hexanone	0.219	0.217	0.248	0.251	0.264	0.263	0.244	8.58
60)	T	Dibromochlorom...	0.405	0.408	0.403	0.408	0.412	0.418	0.409	1.27
61)	T	1,2-Dibromoethane	0.340	0.338	0.338	0.341	0.349	0.347	0.342	1.34
62)	S	4-Bromofluorob...		0.537	0.437	0.446	0.449	0.485	0.471	8.82
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.433	0.411	0.384	0.402	0.376	0.410	0.403	5.07
65)	PM	Chlorobenzene	1.135	1.174	1.118	1.150	1.154	1.179	1.152	1.98
66)	T	1,1,1,2-Tetrac...	0.360	0.387	0.386	0.396	0.404	0.417	0.392	4.96
67)	C	Ethyl Benzene	1.825	1.909	1.888	1.994	1.951	2.070	1.940	4.42#
68)	T	m/p-Xylenes	0.663	0.731	0.718	0.773	0.744	0.777	0.734	5.72
69)	T	o-Xylene	0.636	0.689	0.686	0.729	0.721	0.750	0.702	5.76
70)	T	Styrene	1.059	1.139	1.180	1.235	1.247	1.273	1.189	6.74
71)	P	Bromoform	0.284	0.268	0.267	0.281	0.299	0.302	0.283	5.18
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.372	3.599	3.592	3.841	3.700	4.085	3.698	6.60
74)	T	N-amyl acetate	1.175	1.160	1.281	1.367	1.436	1.497	1.319	10.44
75)	P	1,1,2,2-Tetrac...	0.915	0.919	0.914	0.929	0.956	0.988	0.937	3.18
76)	T	1,2,3-Trichlor...	0.617	0.702	0.708	0.743	0.765	0.779	0.719	8.13
77)	T	Bromobenzene	0.877	0.904	0.886	0.912	0.919	0.984	0.914	4.13
78)	T	n-propylbenzene	3.871	4.307	4.262	4.596	4.352	4.838	4.371	7.48
79)	T	2-Chlorotoluene	2.524	2.598	2.538	2.652	2.609	2.825	2.624	4.15
80)	T	1,3,5-Trimethy...	2.640	2.973	2.948	3.194	3.065	3.369	3.032	8.15
81)	T	trans-1,4-Dich...		0.191	0.195	0.208	0.217	0.228	0.208	7.37
82)	T	4-Chlorotoluene	2.883	3.105	3.023	3.125	3.076	3.299	3.085	4.42
83)	T	tert-Butylbenzene	2.798	3.001	2.945	3.216	3.098	3.459	3.086	7.48
84)	T	1,2,4-Trimethy...	2.580	2.875	2.976	3.141	3.082	3.355	3.002	8.76
85)	T	sec-Butylbenzene	3.379	3.847	3.727	4.052	3.793	4.276	3.846	7.90
86)	T	p-Isopropyltol...	2.815	3.198	3.145	3.435	3.257	3.657	3.251	8.73
87)	T	1,3-Dichlorobe...	1.911	1.733	1.660	1.690	1.666	1.807	1.745	5.62
88)	T	1,4-Dichlorobe...	1.948	1.824	1.666	1.710	1.684	1.829	1.777	6.15
89)	T	n-Butylbenzene	2.892	2.903	2.886	3.183	3.003	3.447	3.052	7.34
90)	T	Hexachloroethane	0.521	0.518	0.537	0.594	0.589	0.669	0.571	10.22
91)	T	1,2-Dichlorobe...	1.618	1.609	1.565	1.589	1.607	1.712	1.617	3.11
92)	T	1,2-Dibromo-3-...	0.181	0.156	0.171	0.187	0.195	0.210	0.183	10.20
93)	T	1,2,4-Trichlor...	1.140	1.040	1.045	1.112	1.124	1.232	1.116	6.34
94)	T	Hexachlorobuta...	0.507	0.437	0.435	0.481	0.431	0.516	0.468	8.23
95)	T	Naphthalene	2.578	2.419	2.645	2.935	3.064	3.264	2.818	11.45
96)	T	1,2,3-Trichlor...	0.981	0.937	0.957	1.033	1.029	1.143	1.013	7.31

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048407.D
Acq On : 29 Oct 2025 11:12
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	158565	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	284044	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	259052	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129002	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	1.173	85	1549	0.958	ug/l		100
3) Chloromethane	1.301	50	1162	1.273	ug/l		91
4) Vinyl Chloride	1.380	62	2027	0.962	ug/l	#	85
6) Chloroethane	1.703	64	1283	1.023	ug/l	#	88
7) Trichlorofluoromethane	1.898	101	3121	0.966	ug/l		97
8) Diethyl Ether	2.136	74	1165	0.998	ug/l		62
9) 1,1,2-Trichlorotrifluo...	2.337	101	1719	0.946	ug/l		95
12) 1,1-Dichloroethene	2.325	96	1818	0.985	ug/l		85
14) Allyl chloride	2.666	41	3412	1.092	ug/l		96
15) Acrylonitrile	3.062	53	3987	5.016	ug/l		93
16) Acetone	2.373	43	2795	5.408	ug/l	#	85
17) Carbon Disulfide	2.514	76	5933	1.121	ug/l	#	89
18) Methyl Acetate	2.709	43	1832	1.060	ug/l	#	86
19) Methyl tert-butyl Ether	3.105	73	6239	1.056	ug/l		97
20) Methylene Chloride	2.788	84	2094	1.051	ug/l		96
21) trans-1,2-Dichloroethene	3.093	96	1948	0.994	ug/l		89
22) Diisopropyl ether	3.757	45	6050	0.946	ug/l		94
23) Vinyl Acetate	3.721	43	23043	5.291	ug/l		99
24) 1,1-Dichloroethane	3.611	63	3584	0.987	ug/l		97
25) 2-Butanone	4.556	43	4076	4.937	ug/l	#	89
26) 2,2-Dichloropropane	4.465	77	3304	1.057	ug/l		89
27) cis-1,2-Dichloroethene	4.483	96	2398	1.025	ug/l		95
28) Bromochloromethane	4.891	49	1476	0.897	ug/l	#	94
29) Tetrahydrofuran	5.001	42	3062	5.208	ug/l	#	67
30) Chloroform	5.086	83	3806	1.019	ug/l	#	82
32) 1,1,1-Trichloroethane	5.367	97	3267	0.991	ug/l	#	50
36) 1,1-Dichloropropene	5.684	75	2737	1.006	ug/l		93
37) Ethyl Acetate	4.727	43	2068m	0.893	ug/l		
38) Carbon Tetrachloride	5.678	117	3286	1.047	ug/l	#	83
39) Methylcyclohexane	7.367	83	3285	0.939	ug/l		96
40) Benzene	6.025	78	7935	0.955	ug/l		95
41) Methacrylonitrile	4.922	41	1107	0.949	ug/l	#	82
42) 1,2-Dichloroethane	6.080	62	2962	1.012	ug/l		84
43) Isopropyl Acetate	6.330	43	3721	0.973	ug/l	#	90
44) Trichloroethene	7.110	130	2075	0.953	ug/l		71
45) 1,2-Dichloropropane	7.421	63	2087	1.006	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048407.D
Acq On : 29 Oct 2025 11:12
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.568	93	1390	0.957	ug/l		87
47) Bromodichloromethane	7.805	83	3077	0.997	ug/l		93
48) Methyl methacrylate	7.684	41	1596	0.856	ug/l		97
49) 1,4-Dioxane	7.665	88	305	14.384	ug/l	#	69
51) 4-Methyl-2-Pentanone	8.561	43	10398	4.884	ug/l		99
52) Toluene	8.702	92	4908	0.945	ug/l		99
53) t-1,3-Dichloropropene	8.970	75	2630	0.940	ug/l	#	83
54) cis-1,3-Dichloropropene	8.348	75	3118	1.035	ug/l	#	60
55) 1,1,2-Trichloroethane	9.134	97	1867	0.994	ug/l		94
56) Ethyl methacrylate	9.104	69	2480	0.902	ug/l		98
57) 1,3-Dichloropropane	9.293	76	3283	1.008	ug/l		89
58) 2-Chloroethyl Vinyl ether	8.232	63	4120	11.715	ug/l		100
59) 2-Hexanone	9.415	43	6222	4.492	ug/l		100
60) Dibromochloromethane	9.506	129	2303	0.991	ug/l		97
61) 1,2-Dibromoethane	9.598	107	1932	0.994	ug/l		99
64) Tetrachloroethene	9.256	164	2244	1.076	ug/l		92
65) Chlorobenzene	10.067	112	5883	0.986	ug/l		90
66) 1,1,1,2-Tetrachloroethane	10.153	131	1866	0.919	ug/l	#	60
67) Ethyl Benzene	10.177	91	9455	0.941	ug/l		93
68) m/p-Xylenes	10.287	106	6869	1.805	ug/l		98
69) o-Xylene	10.622	106	3294	0.906	ug/l		86
70) Styrene	10.640	104	5486	0.891	ug/l		96
71) Bromoform	10.787	173	1471	1.002	ug/l	#	90
73) Isopropylbenzene	10.945	105	8700	0.912	ug/l		99
74) N-amyl acetate	10.829	43	3032	0.891	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	2360	0.976	ug/l		97
76) 1,2,3-Trichloropropane	11.226	75	1592m	0.791	ug/l		
77) Bromobenzene	11.183	156	2263	0.960	ug/l		97
78) n-propylbenzene	11.287	91	9988	0.886	ug/l		91
79) 2-Chlorotoluene	11.348	91	6513	0.962	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	6812	0.871	ug/l		94
82) 4-Chlorotoluene	11.439	91	7437	0.934	ug/l		99
83) tert-Butylbenzene	11.695	119	7219	0.907	ug/l		97
84) 1,2,4-Trimethylbenzene	11.738	105	6657	0.860	ug/l		96
85) sec-Butylbenzene	11.872	105	8718	0.879	ug/l		99
86) p-Isopropyltoluene	11.994	119	7263	0.866	ug/l		88
87) 1,3-Dichlorobenzene	11.951	146	4931	1.095	ug/l		95
88) 1,4-Dichlorobenzene	12.024	146	5027m	1.096	ug/l		
89) n-Butylbenzene	12.317	91	7462	0.948	ug/l		100
90) Hexachloroethane	12.518	117	1343	0.911	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	4175	1.001	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	468	0.989	ug/l		89
93) 1,2,4-Trichlorobenzene	13.573	180	2942	1.022	ug/l		96
94) Hexachlorobutadiene	13.707	225	1309	1.084	ug/l		96
95) Naphthalene	13.756	128	6652	0.915	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	2531	0.968	ug/l		90

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

ICAL Form

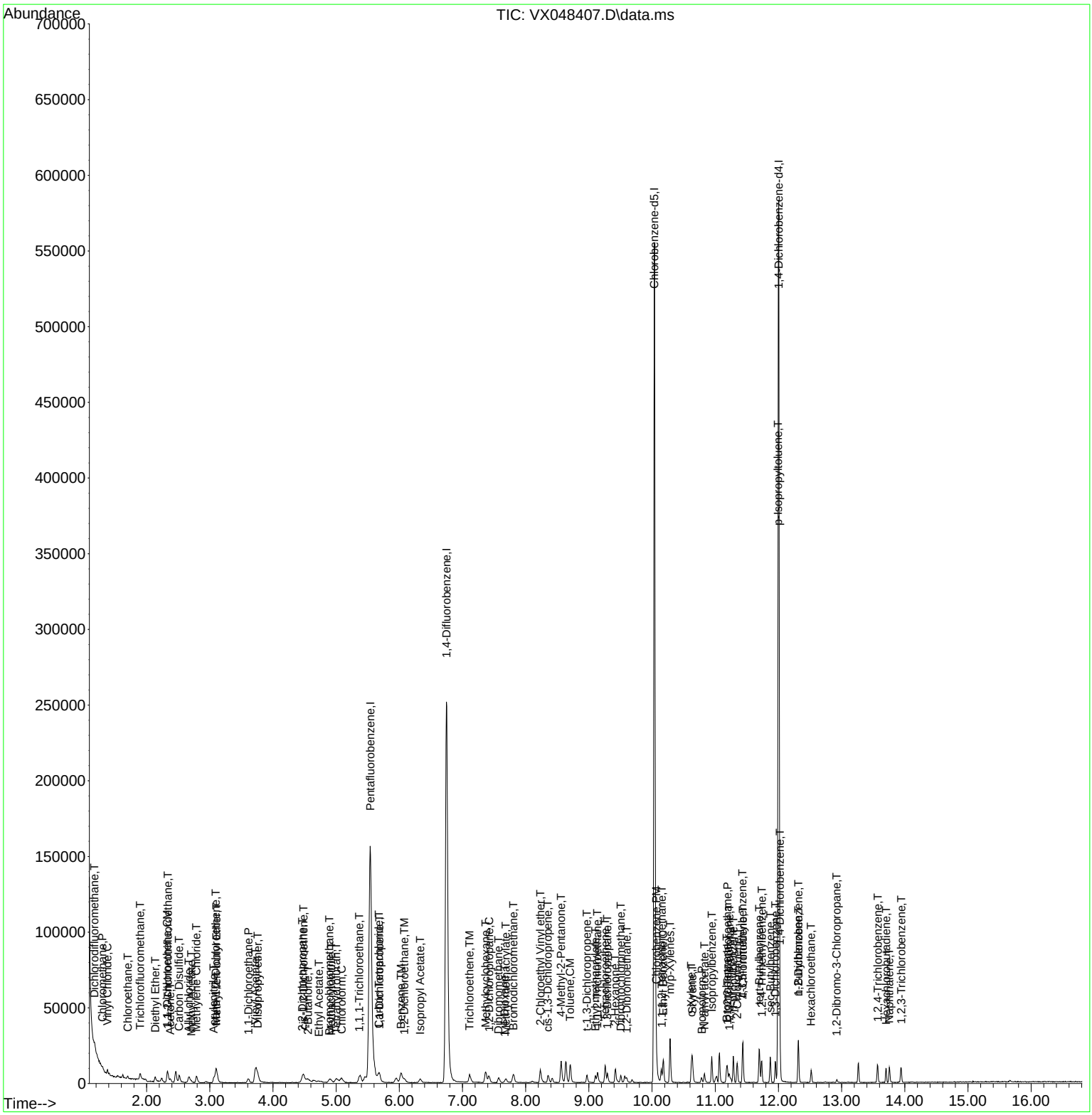
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048407.D
Acq On : 29 Oct 2025 11:12
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048408.D
Acq On : 29 Oct 2025 11:41
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:19:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	168492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	282367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	12895	5.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.640%#		
35) Dibromofluoromethane	5.367	113	8478	5.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	8.628	98	37648	5.298	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.600%#		
62) 4-Bromofluorobenzene	11.067	95	15170	5.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.420%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	8209	4.776	ug/l	99
3) Chloromethane	1.301	50	4434	4.573	ug/l	91
4) Vinyl Chloride	1.380	62	10893	4.863	ug/l	99
5) Bromomethane	1.618	94	4283	5.293	ug/l	91
6) Chloroethane	1.697	64	6637	4.982	ug/l	95
7) Trichlorofluoromethane	1.892	101	16922	4.930	ug/l	98
8) Diethyl Ether	2.130	74	5843	4.710	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	9591	4.967	ug/l	97
10) Methyl Iodide	2.459	142	37605	4.844	ug/l	97
11) Tert butyl alcohol	2.934	59	4142	22.311	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	9427	4.807	ug/l	85
13) Acrolein	2.233	56	8883	22.923	ug/l	97
14) Allyl chloride	2.666	41	16036	4.828	ug/l	97
15) Acrylonitrile	3.056	53	19610	23.219	ug/l	96
16) Acetone	2.367	43	11436	20.823	ug/l #	89
17) Carbon Disulfide	2.514	76	28513	5.071	ug/l	98
18) Methyl Acetate	2.697	43	7987	4.348	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	29535	4.703	ug/l	100
20) Methylene Chloride	2.788	84	10334	4.881	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	10171	4.883	ug/l	95
22) Diisopropyl ether	3.751	45	33466	4.923	ug/l	90
23) Vinyl Acetate	3.709	43	117089	25.303	ug/l	98
24) 1,1-Dichloroethane	3.605	63	19205	4.978	ug/l	98
25) 2-Butanone	4.544	43	18935	21.582	ug/l	97
26) 2,2-Dichloropropane	4.465	77	15992	4.814	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	12076	4.857	ug/l	99
28) Bromochloromethane	4.879	49	8637	4.940	ug/l	91
29) Tetrahydrofuran	4.989	42	14146	22.641	ug/l	93
30) Chloroform	5.074	83	19818	4.994	ug/l	97
31) Cyclohexane	5.452	56	16213	4.841	ug/l	97
32) 1,1,1-Trichloroethane	5.361	97	17255	4.925	ug/l	99
36) 1,1-Dichloropropene	5.672	75	12604	4.662	ug/l	94
37) Ethyl Acetate	4.690	43	11896	5.165	ug/l	96
38) Carbon Tetrachloride	5.659	117	15859	5.081	ug/l	92
39) Methylcyclohexane	7.360	83	17067	4.909	ug/l	91
40) Benzene	6.019	78	41332	5.004	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048408.D
Acq On : 29 Oct 2025 11:41
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:19:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	5197	4.479	ug/l		97
42) 1,2-Dichloroethane	6.068	62	14675	5.045	ug/l		97
43) Isopropyl Acetate	6.324	43	17743	4.666	ug/l		98
44) Trichloroethene	7.110	130	11270	5.208	ug/l		92
45) 1,2-Dichloropropane	7.415	63	10081	4.887	ug/l		96
46) Dibromomethane	7.562	93	7346	5.087	ug/l		100
47) Bromodichloromethane	7.805	83	15604	5.086	ug/l		98
48) Methyl methacrylate	7.684	41	8621	4.649	ug/l		99
49) 1,4-Dioxane	7.641	88	1982	94.031	ug/l		93
51) 4-Methyl-2-Pentanone	8.555	43	50183	23.712	ug/l		99
52) Toluene	8.702	92	25912	5.021	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	13872	4.988	ug/l		96
54) cis-1,3-Dichloropropene	8.348	75	14823	4.947	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	9317	4.989	ug/l		92
56) Ethyl methacrylate	9.098	69	12380	4.527	ug/l		96
57) 1,3-Dichloropropane	9.293	76	16367	5.054	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	30558	27.358	ug/l		98
59) 2-Hexanone	9.415	43	30645	22.254	ug/l		100
60) Dibromochloromethane	9.506	129	11519	4.987	ug/l		98
61) 1,2-Dibromoethane	9.592	107	9540	4.938	ug/l		97
64) Tetrachloroethene	9.256	164	10526	5.098	ug/l		97
65) Chlorobenzene	10.061	112	30095	5.096	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	9919	4.937	ug/l		97
67) Ethyl Benzene	10.177	91	48940	4.921	ug/l		98
68) m/p-Xylenes	10.281	106	37478	9.954	ug/l		96
69) o-Xylene	10.628	106	17655	4.907	ug/l		94
70) Styrene	10.640	104	29194	4.790	ug/l		99
71) Bromoform	10.781	173	6877	4.732	ug/l	#	100
73) Isopropylbenzene	10.945	105	45638	4.866	ug/l		100
74) N-amyl acetate	10.829	43	14713	4.397	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	11650	4.904	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	8901m	4.500	ug/l		
77) Bromobenzene	11.177	156	11458	4.945	ug/l		97
78) n-propylbenzene	11.287	91	54619	4.927	ug/l		98
79) 2-Chlorotoluene	11.347	91	32940	4.949	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	37702	4.904	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	2420	4.592	ug/l	#	68
82) 4-Chlorotoluene	11.439	91	39376	5.032	ug/l		99
83) tert-Butylbenzene	11.695	119	38057	4.862	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	36460	4.789	ug/l		97
85) sec-Butylbenzene	11.872	105	48781	5.001	ug/l		100
86) p-Isopropyltoluene	11.988	119	40550	4.918	ug/l		97
87) 1,3-Dichlorobenzene	11.951	146	21978	4.967	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	23136	5.134	ug/l		96
89) n-Butylbenzene	12.317	91	36813	4.755	ug/l		100
90) Hexachloroethane	12.518	117	6571	4.535	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	20410	4.977	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1977	4.250	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	13185	4.660	ug/l		99
94) Hexachlorobutadiene	13.707	225	5541	4.669	ug/l		97
95) Naphthalene	13.756	128	30675	4.293	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	11880	4.622	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048408.D
Acq On : 29 Oct 2025 11:41
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:19:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 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

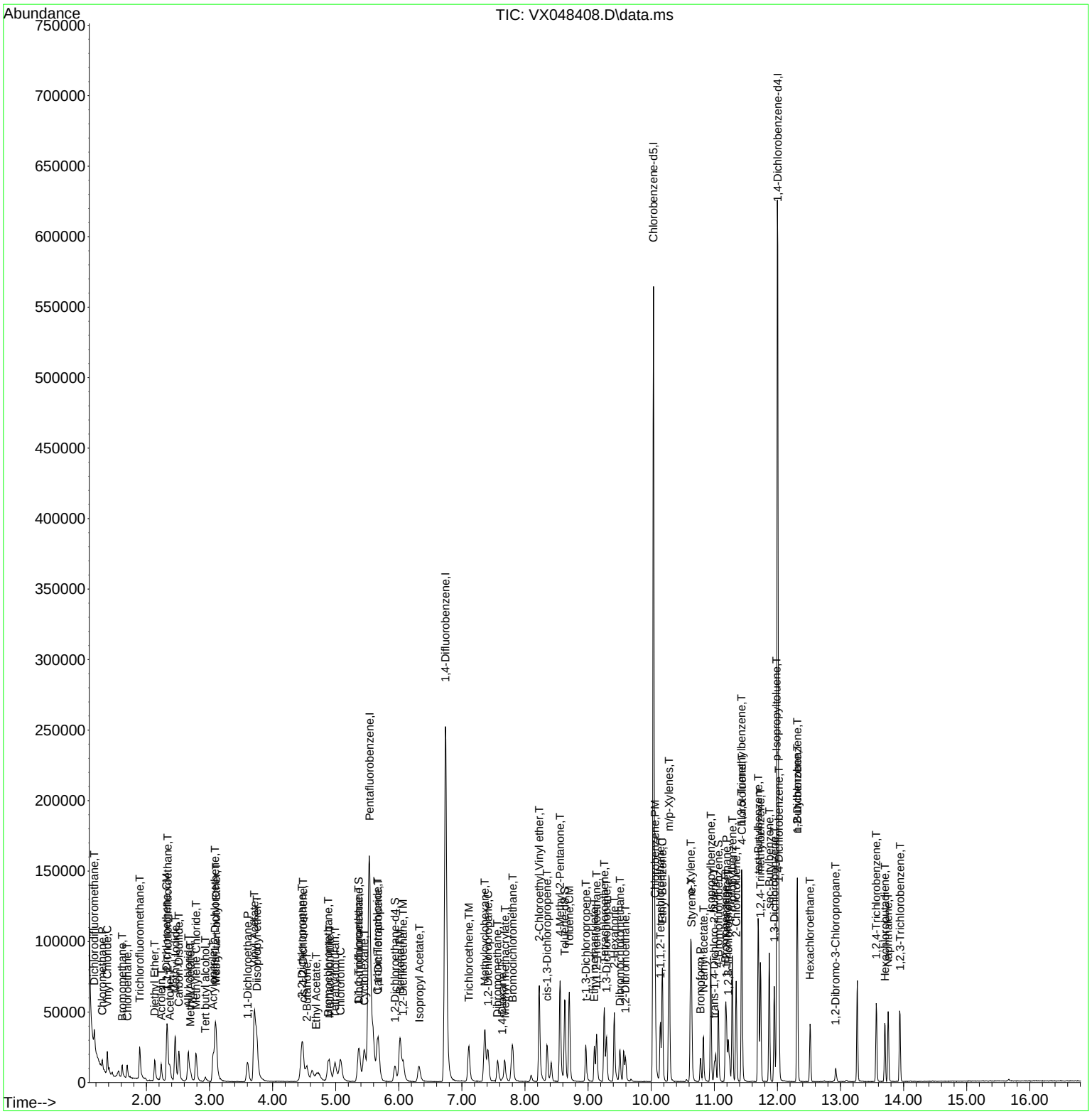
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048408.D
Acq On : 29 Oct 2025 11:41
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 30 02:19:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048409.D
Acq On : 29 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	155635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	265505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	42907	19.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.340%#		
35) Dibromofluoromethane	5.373	113	27594	18.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.460%#		
50) Toluene-d8	8.635	98	126497	18.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.860%#		
62) 4-Bromofluorobenzene	11.061	95	46359	18.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	29696	18.705	ug/l	99
3) Chloromethane	1.301	50	17139	19.135	ug/l	92
4) Vinyl Chloride	1.380	62	39944	19.306	ug/l	100
5) Bromomethane	1.618	94	16011	21.422	ug/l	98
6) Chloroethane	1.697	64	23758	19.308	ug/l	93
7) Trichlorofluoromethane	1.898	101	61068	19.260	ug/l	98
8) Diethyl Ether	2.136	74	22891	19.976	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	34020	19.075	ug/l	97
10) Methyl Iodide	2.459	142	132951	18.539	ug/l	99
11) Tert butyl alcohol	2.940	59	16744	97.643	ug/l	98
12) 1,1-Dichloroethene	2.325	96	34822	19.222	ug/l	92
13) Acrolein	2.233	56	34708	96.966	ug/l	99
14) Allyl chloride	2.666	41	58890	19.196	ug/l	99
15) Acrylonitrile	3.056	53	74971	96.103	ug/l	100
16) Acetone	2.373	43	48676	95.953	ug/l	90
17) Carbon Disulfide	2.520	76	101385	19.519	ug/l	99
18) Methyl Acetate	2.697	43	30394	17.914	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	112995	19.478	ug/l	99
20) Methylene Chloride	2.788	84	38558	19.718	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	37969	19.733	ug/l	93
22) Diisopropyl ether	3.751	45	125099	19.923	ug/l	97
23) Vinyl Acetate	3.715	43	453379	106.067	ug/l	100
24) 1,1-Dichloroethane	3.605	63	70156	19.687	ug/l	99
25) 2-Butanone	4.538	43	81242	100.249	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58181	18.962	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	44153	19.227	ug/l	99
28) Bromochloromethane	4.891	49	34639	21.448	ug/l	96
29) Tetrahydrofuran	4.989	42	55207	95.658	ug/l	99
30) Chloroform	5.086	83	72660	19.821	ug/l	99
31) Cyclohexane	5.464	56	60266	19.483	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	63038	19.479	ug/l	99
36) 1,1-Dichloropropene	5.684	75	51050	20.082	ug/l	98
37) Ethyl Acetate	4.702	43	42038	19.410	ug/l	99
38) Carbon Tetrachloride	5.666	117	56042	19.094	ug/l	97
39) Methylcyclohexane	7.366	83	60050	18.370	ug/l	98
40) Benzene	6.031	78	154747	19.926	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048409.D
Acq On : 29 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	21765	19.952 ug/l	99
42) 1,2-Dichloroethane	6.074	62	55126	20.153 ug/l	99
43) Isopropyl Acetate	6.324	43	70480	19.711 ug/l	97
44) Trichloroethene	7.110	130	39126	19.230 ug/l	96
45) 1,2-Dichloropropane	7.415	63	38163	19.677 ug/l	98
46) Dibromomethane	7.568	93	26809	19.745 ug/l	97
47) Bromodichloromethane	7.805	83	56897	19.723 ug/l	100
48) Methyl methacrylate	7.677	41	34546	19.812 ug/l	99
49) 1,4-Dioxane	7.641	88	8028	405.056 ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	198117	99.558 ug/l	98
52) Toluene	8.702	92	95778	19.737 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	54135	20.704 ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	59288	21.045 ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	35297	20.100 ug/l	96
56) Ethyl methacrylate	9.104	69	50195	19.521 ug/l	98
57) 1,3-Dichloropropane	9.293	76	60087	19.734 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	147643	102.113 ug/l	98
59) 2-Hexanone	9.415	43	131938	101.896 ug/l	99
60) Dibromochloromethane	9.506	129	42810	19.711 ug/l	99
61) 1,2-Dibromoethane	9.592	107	35900	19.761 ug/l	98
64) Tetrachloroethene	9.256	164	36898	19.095 ug/l	98
65) Chlorobenzene	10.061	112	107348	19.419 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	37061	19.709 ug/l	98
67) Ethyl Benzene	10.177	91	181239	19.472 ug/l	100
68) m/p-Xylenes	10.287	106	137786	39.097 ug/l	98
69) o-Xylene	10.628	106	65886	19.564 ug/l	96
70) Styrene	10.640	104	113244	19.850 ug/l	99
71) Bromoform	10.781	173	25652	18.858 ug/l #	99
73) Isopropylbenzene	10.945	105	172017	19.426 ug/l	100
74) N-amyl acetate	10.823	43	61330	19.415 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	43767	19.513 ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	33917m	18.164 ug/l	
77) Bromobenzene	11.183	156	42441	19.402 ug/l	97
78) n-propylbenzene	11.287	91	204115	19.503 ug/l	98
79) 2-Chlorotoluene	11.347	91	121563	19.346 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	141180	19.449 ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	9353	18.799 ug/l #	61
82) 4-Chlorotoluene	11.439	91	144766	19.597 ug/l	98
83) tert-Butylbenzene	11.695	119	141031	19.084 ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	142497	19.826 ug/l	99
85) sec-Butylbenzene	11.872	105	178477	19.383 ug/l	100
86) p-Isopropyltoluene	11.988	119	150606	19.347 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79513	19.034 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	79800	18.755 ug/l	98
89) n-Butylbenzene	12.317	91	138220	18.912 ug/l	100
90) Hexachloroethane	12.518	117	25696	18.786 ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	74930	19.356 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8210	18.693 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	50064	18.742 ug/l	98
94) Hexachlorobutadiene	13.707	225	20853	18.610 ug/l	97
95) Naphthalene	13.756	128	126677	18.777 ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	45847	18.895 ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048409.D
Acq On : 29 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 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

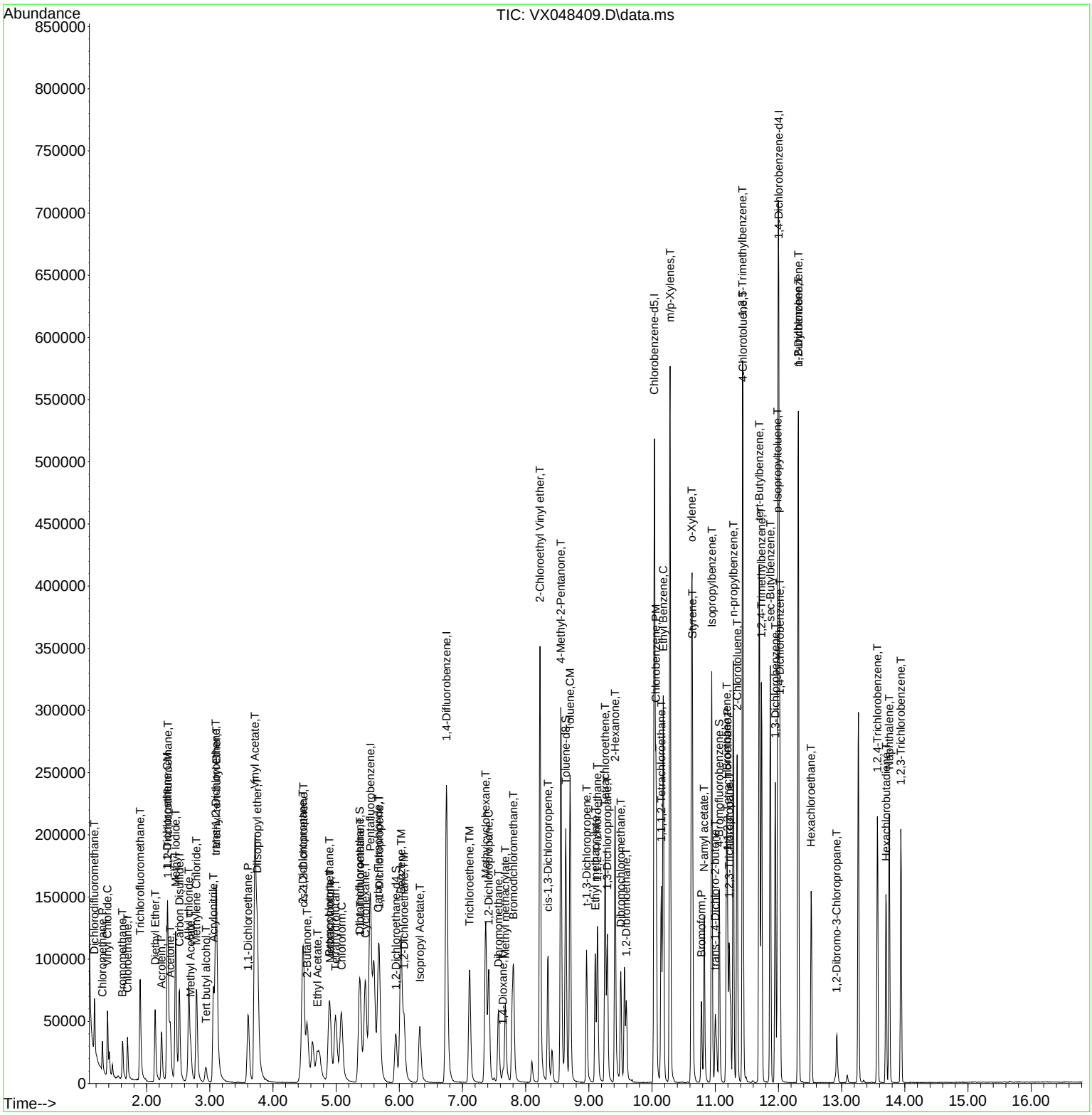
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048409.D
Acq On : 29 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 30 02:20:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048410.D
Acq On : 29 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	159631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	260667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107543	46.845	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.680%			
35) Dibromofluoromethane	5.373	113	71844	48.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	8.635	98	318405	48.535	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.061	95	116328	47.402	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	86054	52.848	ug/l	97
3) Chloromethane	1.300	50	43331	47.166	ug/l	97
4) Vinyl Chloride	1.380	62	106317	50.098	ug/l	99
5) Bromomethane	1.617	94	38607	50.360	ug/l	98
6) Chloroethane	1.697	64	62479	49.505	ug/l	95
7) Trichlorofluoromethane	1.898	101	165341	50.842	ug/l	98
8) Diethyl Ether	2.136	74	55774	47.453	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	93996	51.385	ug/l	98
10) Methyl Iodide	2.459	142	349838	47.561	ug/l	98
11) Tert butyl alcohol	2.940	59	42207	239.969	ug/l	99
12) 1,1-Dichloroethene	2.325	96	92758	49.922	ug/l	97
13) Acrolein	2.233	56	89237	243.066	ug/l	100
14) Allyl chloride	2.666	41	149275	47.441	ug/l	98
15) Acrylonitrile	3.056	53	196801	245.957	ug/l	98
16) Acetone	2.373	43	126696	243.498	ug/l	97
17) Carbon Disulfide	2.520	76	267528	50.216	ug/l	99
18) Methyl Acetate	2.697	43	78778	45.269	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	281466	47.305	ug/l	99
20) Methylene Chloride	2.788	84	95444	47.586	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	96815	49.056	ug/l	99
22) Diisopropyl ether	3.751	45	315698	49.018	ug/l	95
23) Vinyl Acetate	3.715	43	1061175	242.046	ug/l	98
24) 1,1-Dichloroethane	3.605	63	176586	48.312	ug/l	98
25) 2-Butanone	4.538	43	205263	246.945	ug/l	99
26) 2,2-Dichloropropane	4.471	77	151991	48.296	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	113692	48.269	ug/l	97
28) Bromochloromethane	4.891	49	81862	49.419	ug/l	93
29) Tetrahydrofuran	4.989	42	144735	244.506	ug/l	99
30) Chloroform	5.080	83	180495	48.005	ug/l	99
31) Cyclohexane	5.464	56	161448	50.887	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	164402	49.529	ug/l	99
36) 1,1-Dichloropropene	5.684	75	127616	51.134	ug/l	99
37) Ethyl Acetate	4.696	43	106949	50.298	ug/l	98
38) Carbon Tetrachloride	5.666	117	145824	50.606	ug/l	98
39) Methylcyclohexane	7.366	83	173232	53.976	ug/l	94
40) Benzene	6.025	78	383684	50.323	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048410.D
Acq On : 29 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	55968	52.257	ug/l		97
42) 1,2-Dichloroethane	6.074	62	130524	48.603	ug/l		98
43) Isopropyl Acetate	6.324	43	175181	49.902	ug/l		97
44) Trichloroethene	7.110	130	99369	49.745	ug/l		99
45) 1,2-Dichloropropane	7.415	63	94397	49.574	ug/l		99
46) Dibromomethane	7.568	93	65702	49.289	ug/l		97
47) Bromodichloromethane	7.805	83	140139	49.480	ug/l		95
48) Methyl methacrylate	7.677	41	87031	50.837	ug/l		97
49) 1,4-Dioxane	7.641	88	20607	1059.032	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	488971	250.278	ug/l		97
52) Toluene	8.702	92	242665	50.935	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	129325	50.378	ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	136550	49.371	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	84882	49.233	ug/l		98
56) Ethyl methacrylate	9.104	69	128314	50.827	ug/l		97
57) 1,3-Dichloropropane	9.293	76	148067	49.531	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	367501	244.619	ug/l		97
59) 2-Hexanone	9.415	43	327676	257.761	ug/l		98
60) Dibromochloromethane	9.506	129	106333	49.868	ug/l		100
61) 1,2-Dibromoethane	9.592	107	88957	49.875	ug/l		97
64) Tetrachloroethene	9.256	164	91666	49.898	ug/l		98
65) Chlorobenzene	10.061	112	262400	49.930	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	90376	50.557	ug/l		100
67) Ethyl Benzene	10.177	91	454961	51.416	ug/l		98
68) m/p-Xylenes	10.287	106	352803	105.303	ug/l		96
69) o-Xylene	10.622	106	166368	51.964	ug/l		95
70) Styrene	10.640	104	281789	51.956	ug/l		99
71) Bromoform	10.780	173	63992	49.485	ug/l	#	99
73) Isopropylbenzene	10.945	105	434670	51.927	ug/l		98
74) N-amyl acetate	10.823	43	154727	51.815	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	105102	49.570	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	84138m	47.668	ug/l		
77) Bromobenzene	11.183	156	103197	49.908	ug/l		98
78) n-propylbenzene	11.286	91	520109	52.571	ug/l		98
79) 2-Chlorotoluene	11.347	91	300130	50.527	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	361457	52.677	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	23520	50.010	ug/l	#	75
82) 4-Chlorotoluene	11.439	91	353680	50.648	ug/l		98
83) tert-Butylbenzene	11.695	119	363942	52.099	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	355520	52.328	ug/l		99
85) sec-Butylbenzene	11.872	105	458548	52.681	ug/l		100
86) p-Isopropyltoluene	11.988	119	388711	52.824	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	191269	48.436	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	193511	48.113	ug/l		100
89) n-Butylbenzene	12.311	91	360265	52.145	ug/l		99
90) Hexachloroethane	12.518	117	67177	51.954	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	179863	49.151	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21148	50.936	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	125804	49.820	ug/l		98
94) Hexachlorobutadiene	13.707	225	54413	51.371	ug/l		97
95) Naphthalene	13.756	128	332133	52.079	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	116883	50.959	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048410.D
Acq On : 29 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 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\VX102925\
Data File : VX048410.D
Acq On : 29 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 30 02:20:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
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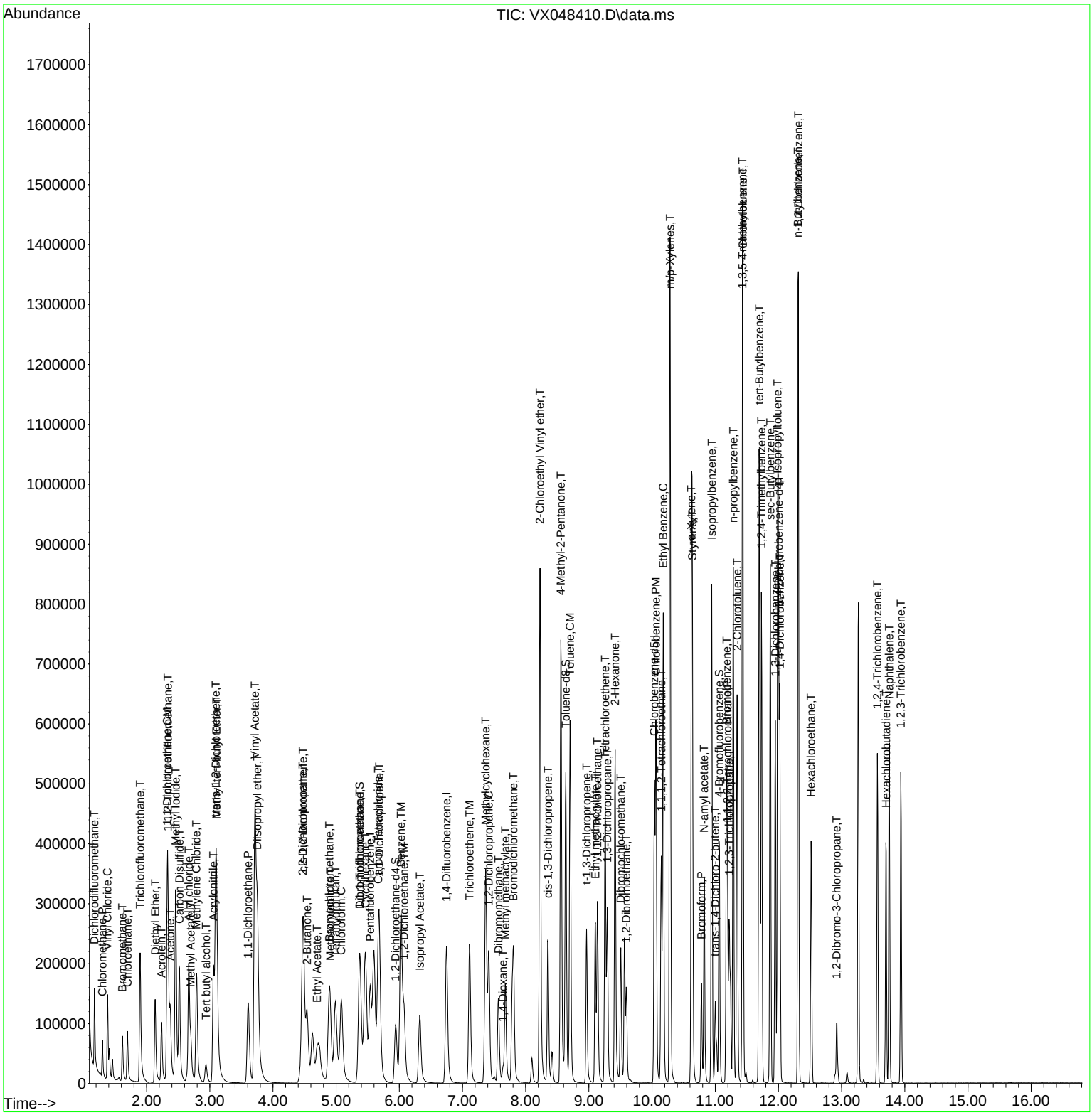


Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048411.D
Acq On : 29 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:21:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	136244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	237043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	198488	101.300	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 202.600%#			
35) Dibromofluoromethane	5.373	113	134096	99.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.440%#			
50) Toluene-d8	8.634	98	572267	95.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 191.860%#			
62) 4-Bromofluorobenzene	11.061	95	212629	95.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.560%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	137281	98.781	ug/l	94
3) Chloromethane	1.300	50	74538	95.062	ug/l	99
4) Vinyl Chloride	1.380	62	184353	101.782	ug/l	100
5) Bromomethane	1.611	94	64623	98.767	ug/l	96
6) Chloroethane	1.691	64	108537	100.762	ug/l	96
7) Trichlorofluoromethane	1.898	101	274205	98.791	ug/l	100
8) Diethyl Ether	2.136	74	108025	107.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	153910	98.581	ug/l	98
10) Methyl Iodide	2.459	142	666054	106.094	ug/l	98
11) Tert butyl alcohol	2.940	59	82628	550.424	ug/l	99
12) 1,1-Dichloroethene	2.325	96	160970	101.505	ug/l	94
13) Acrolein	2.233	56	174355	556.434	ug/l	98
14) Allyl chloride	2.666	41	274038	102.042	ug/l	98
15) Acrylonitrile	3.056	53	370003	541.798	ug/l	100
16) Acetone	2.373	43	239424	539.138	ug/l	99
17) Carbon Disulfide	2.514	76	427175	93.947	ug/l	100
18) Methyl Acetate	2.697	43	166666	112.212	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	538203	105.981	ug/l	99
20) Methylene Chloride	2.788	84	177343	103.597	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	172196	102.229	ug/l	97
22) Diisopropyl ether	3.751	45	585908	106.589	ug/l	89
23) Vinyl Acetate	3.715	43	1870693	499.934	ug/l	98
24) 1,1-Dichloroethane	3.605	63	324304	103.957	ug/l	99
25) 2-Butanone	4.544	43	391216	551.449	ug/l	99
26) 2,2-Dichloropropane	4.465	77	273061	101.660	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	210051	104.487	ug/l	98
28) Bromochloromethane	4.885	49	141528	100.105	ug/l	94
29) Tetrahydrofuran	4.983	42	276529	547.338	ug/l	97
30) Chloroform	5.080	83	330306	102.928	ug/l	97
31) Cyclohexane	5.464	56	262665	97.000	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	288051	101.676	ug/l	99
36) 1,1-Dichloropropene	5.684	75	219541	96.734	ug/l	99
37) Ethyl Acetate	4.696	43	201911	104.423	ug/l	97
38) Carbon Tetrachloride	5.665	117	245308	93.614	ug/l	99
39) Methylcyclohexane	7.366	83	277545	95.097	ug/l	96
40) Benzene	6.025	78	692820	99.925	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048411.D
Acq On : 29 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:21:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.903	41	103566	106.336 ug/l		96
42) 1,2-Dichloroethane	6.074	62	243894	99.869 ug/l		98
43) Isopropyl Acetate	6.324	43	334952	104.923 ug/l		96
44) Trichloroethene	7.110	130	179623	98.882 ug/l		98
45) 1,2-Dichloropropane	7.415	63	174772	100.932 ug/l		98
46) Dibromomethane	7.568	93	123914	102.224 ug/l		96
47) Bromodichloromethane	7.805	83	256800	99.708 ug/l		97
48) Methyl methacrylate	7.677	41	170938	109.801 ug/l		96
49) 1,4-Dioxane	7.647	88	39674	2242.121 ug/l		94
51) 4-Methyl-2-Pentanone	8.555	43	925963	521.185 ug/l		96
52) Toluene	8.702	92	433330	100.021 ug/l		99
53) t-1,3-Dichloropropene	8.964	75	237643	101.798 ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	247342	98.341 ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	157981	100.765 ug/l		99
56) Ethyl methacrylate	9.104	69	252667	110.060 ug/l		95
57) 1,3-Dichloropropane	9.293	76	272104	100.095 ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	666222	478.417 ug/l		97
59) 2-Hexanone	9.415	43	625915	541.437 ug/l		97
60) Dibromochloromethane	9.506	129	195285	100.712 ug/l		99
61) 1,2-Dibromoethane	9.592	107	165360	101.951 ug/l		97
64) Tetrachloroethene	9.256	164	158194	93.397 ug/l		97
65) Chlorobenzene	10.061	112	485587	100.215 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	169971	103.125 ug/l		99
67) Ethyl Benzene	10.177	91	820586	100.581 ug/l		99
68) m/p-Xylenes	10.287	106	626265	202.737 ug/l		97
69) o-Xylene	10.628	106	303089	102.675 ug/l		97
70) Styrene	10.640	104	524485	104.884 ug/l		99
71) Bromoform	10.780	173	125602	105.343 ug/l	#	99
73) Isopropylbenzene	10.945	105	772066	100.054 ug/l		99
74) N-amyl acetate	10.823	43	299571	108.827 ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	199484	102.062 ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	159600m	98.087 ug/l		
77) Bromobenzene	11.183	156	191695	100.568 ug/l		99
78) n-propylbenzene	11.286	91	908036	99.564 ug/l		98
79) 2-Chlorotoluene	11.347	91	544328	99.407 ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	639478	101.097 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	45242	104.353 ug/l	#	76
82) 4-Chlorotoluene	11.439	91	641755	99.695 ug/l		97
83) tert-Butylbenzene	11.695	119	646483	100.392 ug/l		98
84) 1,2,4-Trimethylbenzene	11.731	105	643122	102.686 ug/l		99
85) sec-Butylbenzene	11.872	105	791505	98.644 ug/l		100
86) p-Isopropyltoluene	11.994	119	679495	100.170 ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	347642	95.499 ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	351340	94.761 ug/l		99
89) n-Butylbenzene	12.317	91	626533	98.374 ug/l		98
90) Hexachloroethane	12.518	117	122970	103.167 ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	335364	99.415 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40725	106.406 ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	234564	100.768 ug/l		99
94) Hexachlorobutadiene	13.707	225	89940	92.112 ug/l		98
95) Naphthalene	13.756	128	639328	108.748 ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	214795	101.587 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048411.D
Acq On : 29 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:21:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 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

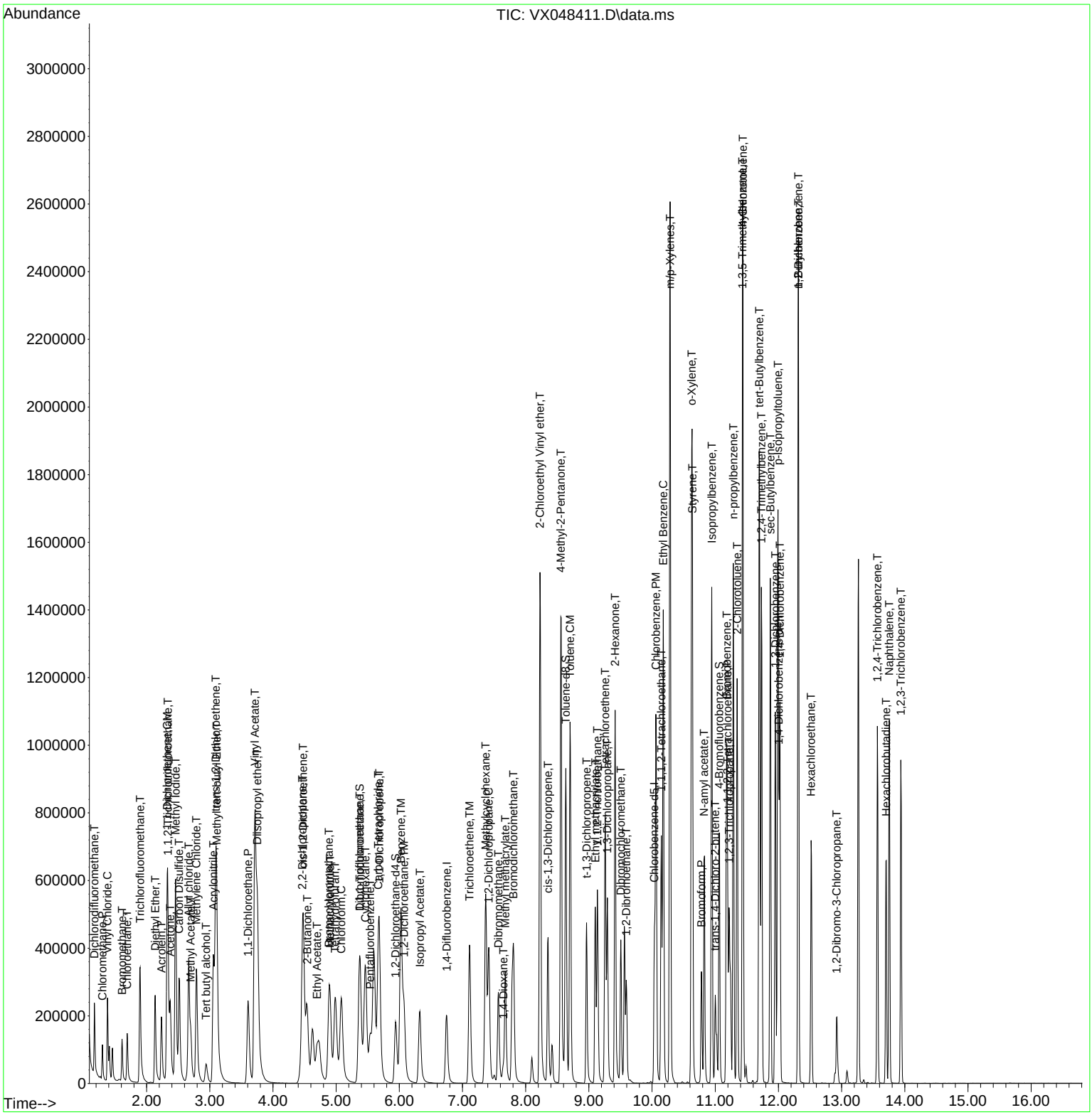
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048411.D
Acq On : 29 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 30 02:21:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048412.D
Acq On : 29 Oct 2025 13:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	133860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	221426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	196412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93582	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	296654	154.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 308.200%#			
35) Dibromofluoromethane	5.373	113	203803	161.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 322.880%#			
50) Toluene-d8	8.635	98	889352	159.591	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 319.180%#			
62) 4-Bromofluorobenzene	11.061	95	322251	154.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.160%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	226734	166.052	ug/l	95
3) Chloromethane	1.300	50	111106	144.222	ug/l	100
4) Vinyl Chloride	1.380	62	288493	162.114	ug/l	100
5) Bromomethane	1.605	94	84416	131.315	ug/l	99
6) Chloroethane	1.691	64	161444	152.548	ug/l	97
7) Trichlorofluoromethane	1.892	101	441827	162.017	ug/l	100
8) Diethyl Ether	2.136	74	153088	155.324	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	251534	163.980	ug/l	97
10) Methyl Iodide	2.459	142	1010524	163.830	ug/l	98
11) Tert butyl alcohol	2.947	59	118407	802.812	ug/l	100
12) 1,1-Dichloroethene	2.325	96	252174	161.849	ug/l	92
13) Acrolein	2.233	56	237424	771.206	ug/l	100
14) Allyl chloride	2.666	41	401170	152.042	ug/l	97
15) Acrylonitrile	3.056	53	523106	779.630	ug/l	100
16) Acetone	2.373	43	351359	805.286	ug/l	99
17) Carbon Disulfide	2.514	76	633259	141.750	ug/l	99
18) Methyl Acetate	2.697	43	251146	172.102	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	766372	153.599	ug/l	99
20) Methylene Chloride	2.788	84	252059	149.866	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	258099	155.957	ug/l	98
22) Diisopropyl ether	3.751	45	832265	154.103	ug/l	87
23) Vinyl Acetate	3.715	43	2484119	675.692	ug/l	98
24) 1,1-Dichloroethane	3.605	63	472207	154.064	ug/l	100
25) 2-Butanone	4.544	43	552156	792.168	ug/l	99
26) 2,2-Dichloropropane	4.471	77	415494	157.443	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	305748	154.799	ug/l	98
28) Bromochloromethane	4.885	49	219437	157.975	ug/l	93
29) Tetrahydrofuran	4.989	42	381074	767.699	ug/l	96
30) Chloroform	5.080	83	473786	150.268	ug/l	98
31) Cyclohexane	5.458	56	426944	160.475	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	435417	156.431	ug/l	99
36) 1,1-Dichloropropene	5.684	75	339315	160.053	ug/l	99
37) Ethyl Acetate	4.696	43	285505	158.070	ug/l	99
38) Carbon Tetrachloride	5.666	117	379794	155.159	ug/l	98
39) Methylcyclohexane	7.366	83	462064	169.485	ug/l	96
40) Benzene	6.025	78	1012290	156.299	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048412.D
Acq On : 29 Oct 2025 13:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 30 02:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	143222	157.424	ug/l		95
42) 1,2-Dichloroethane	6.074	62	342371	150.080	ug/l		98
43) Isopropyl Acetate	6.324	43	474716	159.192	ug/l		96
44) Trichloroethene	7.110	130	269776	158.985	ug/l		97
45) 1,2-Dichloropropane	7.415	63	250400	154.807	ug/l		98
46) Dibromomethane	7.568	93	174988	154.540	ug/l		95
47) Bromodichloromethane	7.805	83	365541	151.939	ug/l		97
48) Methyl methacrylate	7.677	41	241987	166.402	ug/l		95
49) 1,4-Dioxane	7.647	88	56913	3443.207	ug/l		90
51) 4-Methyl-2-Pentanone	8.561	43	1289048	776.723	ug/l		96
52) Toluene	8.702	92	634130	156.693	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	327554	150.209	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	335804	142.929	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	222130	151.673	ug/l		99
56) Ethyl methacrylate	9.104	69	353810	164.986	ug/l		95
57) 1,3-Dichloropropane	9.293	76	382063	150.457	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.232	63	1003535	765.777	ug/l		98
59) 2-Hexanone	9.415	43	873591	808.982	ug/l		97
60) Dibromochloromethane	9.506	129	277503	153.207	ug/l		99
61) 1,2-Dibromoethane	9.592	107	230295	152.001	ug/l		97
64) Tetrachloroethene	9.256	164	241539	152.704	ug/l		96
65) Chlorobenzene	10.061	112	694655	153.517	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	245997	159.824	ug/l		99
67) Ethyl Benzene	10.177	91	1219491	160.063	ug/l		98
68) m/p-Xylenes	10.287	106	915429	317.337	ug/l		97
69) o-Xylene	10.628	106	441800	160.266	ug/l		95
70) Styrene	10.640	104	750150	160.637	ug/l		99
71) Bromoform	10.780	173	178023	159.885	ug/l	#	99
73) Isopropylbenzene	10.945	105	1146983	165.706	ug/l		99
74) N-amyl acetate	10.829	43	420212	170.178	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	277481	158.267	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	218653m	149.808	ug/l		
77) Bromobenzene	11.183	156	276189	161.530	ug/l		100
78) n-propylbenzene	11.287	91	1358131	166.012	ug/l		98
79) 2-Chlorotoluene	11.347	91	793064	161.461	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	945889	166.707	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	64047	164.688	ug/l	#	81
82) 4-Chlorotoluene	11.439	91	926294	160.417	ug/l		97
83) tert-Butylbenzene	11.695	119	971214	168.135	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	941993	167.674	ug/l		99
85) sec-Butylbenzene	11.872	105	1200340	166.771	ug/l		99
86) p-Isopropyltoluene	11.994	119	1026794	168.747	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	507315	155.362	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	513410	154.371	ug/l		99
89) n-Butylbenzene	12.317	91	967683	169.383	ug/l		99
90) Hexachloroethane	12.518	117	187919	175.757	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	480520	158.798	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	58903	171.570	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	346016	165.713	ug/l		99
94) Hexachlorobutadiene	13.707	225	144920	165.459	ug/l		98
95) Naphthalene	13.756	128	916442	173.781	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	320819	169.151	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048412.D
Acq On : 29 Oct 2025 13:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 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

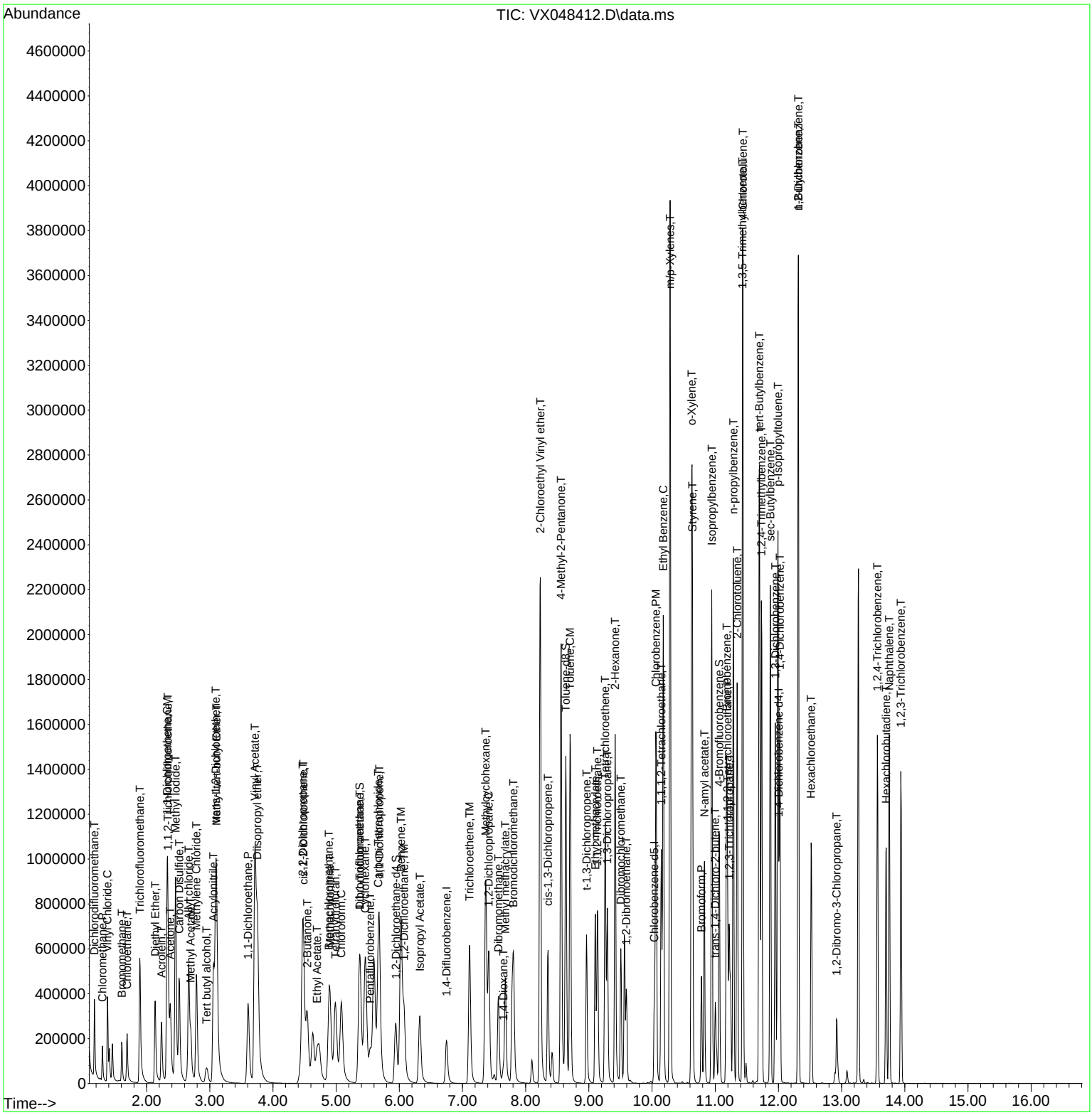
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048412.D
Acq On : 29 Oct 2025 13:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 30 02:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	169033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	283921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	120737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	113083	46.518	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.040%			
35) Dibromofluoromethane	5.361	113	75432	46.599	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.200%			
50) Toluene-d8	8.628	98	332571	46.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.080%			
62) 4-Bromofluorobenzene	11.061	95	121242	45.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	87826	50.937	ug/l	98
3) Chloromethane	1.300	50	49984	51.381	ug/l	100
4) Vinyl Chloride	1.380	62	113635	50.568	ug/l	100
5) Bromomethane	1.617	94	42740	52.651	ug/l	99
6) Chloroethane	1.691	64	65647	49.122	ug/l	97
7) Trichlorofluoromethane	1.892	101	172799	50.180	ug/l	98
8) Diethyl Ether	2.129	74	61387	49.323	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	96708	49.927	ug/l	97
10) Methyl Iodide	2.453	142	381375	48.964	ug/l	97
11) Tert butyl alcohol	2.928	59	42280	227.013	ug/l	100
12) 1,1-Dichloroethene	2.325	96	98107	49.864	ug/l	92
13) Acrolein	2.233	56	88198	226.874	ug/l	97
14) Allyl chloride	2.660	41	161876	48.584	ug/l	97
15) Acrylonitrile	3.050	53	203321	239.972	ug/l	98
16) Acetone	2.367	43	128407	233.060	ug/l	100
17) Carbon Disulfide	2.514	76	285049	50.529	ug/l	100
18) Methyl Acetate	2.690	43	82047	44.525	ug/l	95
19) Methyl tert-butyl Ether	3.099	73	305066	48.420	ug/l	100
20) Methylene Chloride	2.782	84	104451	49.180	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	103065	49.318	ug/l	99
22) Diisopropyl ether	3.745	45	343340	50.345	ug/l	86
23) Vinyl Acetate	3.702	43	1149068	247.515	ug/l	98
24) 1,1-Dichloroethane	3.599	63	190850	49.311	ug/l	99
25) 2-Butanone	4.525	43	205140	233.069	ug/l	98
26) 2,2-Dichloropropane	4.458	77	161320	48.409	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	123416	49.483	ug/l	98
28) Bromochloromethane	4.873	49	87699	49.998	ug/l	94
29) Tetrahydrofuran	4.970	42	140040	223.415	ug/l	96
30) Chloroform	5.068	83	191447	48.085	ug/l	96
31) Cyclohexane	5.452	56	164771	49.045	ug/l	91
32) 1,1,1-Trichloroethane	5.361	97	172962	49.209	ug/l	100
36) 1,1-Dichloropropene	5.672	75	134675	49.543	ug/l	100
37) Ethyl Acetate	4.684	43	108329	46.775	ug/l	97
38) Carbon Tetrachloride	5.653	117	150439	47.932	ug/l	95
39) Methylcyclohexane	7.360	83	169550	48.502	ug/l	96
40) Benzene	6.013	78	405701	48.853	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	55528	47.600	ug/l		96
42) 1,2-Dichloroethane	6.062	62	140522	48.040	ug/l		99
43) Isopropyl Acetate	6.312	43	178752	46.749	ug/l		97
44) Trichloroethene	7.104	130	105821	48.636	ug/l		99
45) 1,2-Dichloropropane	7.409	63	99046	47.756	ug/l		97
46) Dibromomethane	7.561	93	69810	48.082	ug/l		97
47) Bromodichloromethane	7.799	83	150891	48.913	ug/l		98
48) Methyl methacrylate	7.671	41	90239	48.394	ug/l		96
49) 1,4-Dioxane	7.635	88	20720	977.625	ug/l		92
51) 4-Methyl-2-Pentanone	8.549	43	485001	227.914	ug/l		96
52) Toluene	8.701	92	252888	48.734	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	139347	49.836	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	148316	49.233	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	89132	47.464	ug/l		97
56) Ethyl methacrylate	9.098	69	133617	48.593	ug/l		97
57) 1,3-Dichloropropane	9.287	76	154729	47.520	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	360689	221.341	ug/l		97
59) 2-Hexanone	9.409	43	323151	233.382	ug/l		98
60) Dibromochloromethane	9.500	129	111965	48.209	ug/l		100
61) 1,2-Dibromoethane	9.592	107	91354	47.024	ug/l		100
64) Tetrachloroethene	9.256	164	95139	47.723	ug/l		95
65) Chlorobenzene	10.061	112	276902	48.554	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	97283	50.149	ug/l		99
67) Ethyl Benzene	10.177	91	483137	50.314	ug/l		98
68) m/p-Xylenes	10.280	106	364180	100.167	ug/l		97
69) o-Xylene	10.622	106	174961	50.358	ug/l		96
70) Styrene	10.634	104	297560	50.557	ug/l		99
71) Bromoform	10.780	173	66125	47.120	ug/l	#	99
73) Isopropylbenzene	10.945	105	452795	50.703	ug/l		99
74) N-amyl acetate	10.823	43	158286	49.685	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	105640	46.702	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	87607m	50.455	ug/l		
77) Bromobenzene	11.177	156	107639	48.794	ug/l		97
78) n-propylbenzene	11.286	91	532087	50.412	ug/l		98
79) 2-Chlorotoluene	11.341	91	312464	49.307	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	370047	50.550	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	25014	49.854	ug/l	#	80
82) 4-Chlorotoluene	11.433	91	368839	49.510	ug/l		98
83) tert-Butylbenzene	11.695	119	368966	49.509	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	376695	51.971	ug/l		99
85) sec-Butylbenzene	11.872	105	465581	50.138	ug/l		99
86) p-Isopropyltoluene	11.987	119	400026	50.956	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	201043	47.721	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	200104	46.635	ug/l		98
89) n-Butylbenzene	12.311	91	362152	49.134	ug/l		98
90) Hexachloroethane	12.518	117	69400	50.310	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	187978	48.150	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20591	46.487	ug/l		96
93) 1,2,4-Trichlorobenzene	13.566	180	131117	48.671	ug/l		100
94) Hexachlorobutadiene	13.707	225	54839	48.529	ug/l		97
95) Naphthalene	13.755	128	331522	48.726	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	118602	48.468	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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

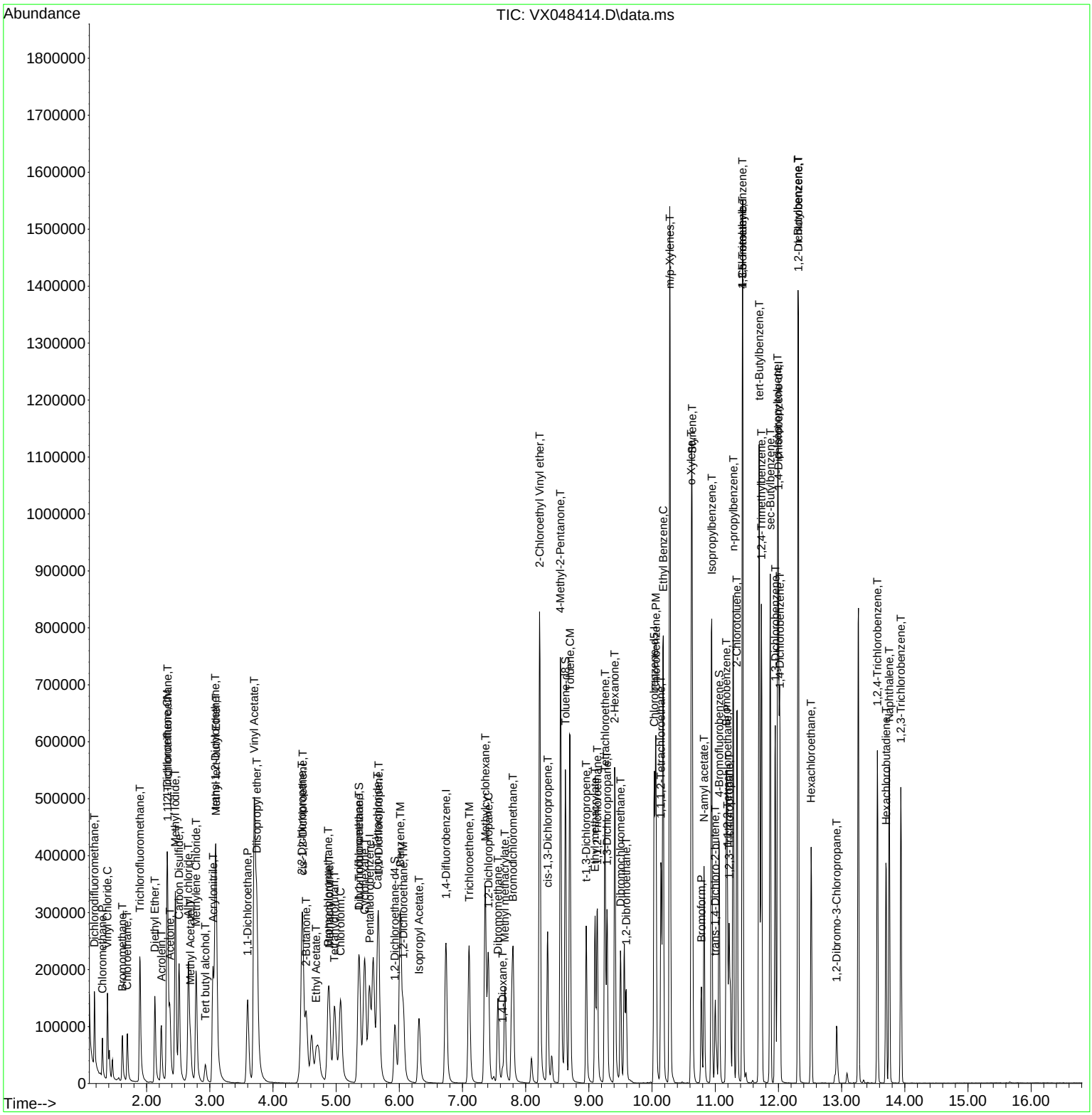
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	106	0.00
2	T	Dichlorodifluoromethane	0.510	0.520	-2.0	102	0.00
3	P	Chloromethane	0.288	0.296	-2.8	115	0.00
4	C	Vinyl Chloride	0.665	0.672	-1.1#	107	0.00
5	T	Bromomethane	0.240	0.253	-5.4	111	0.00
6	T	Chloroethane	0.395	0.388	1.8	105	0.00
7	T	Trichlorofluoromethane	1.019	1.022	-0.3	105	0.00
8	T	Diethyl Ether	0.368	0.363	1.4	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.573	0.572	0.2	103	0.00
10	T	Methyl Iodide	2.304	2.256	2.1	109	0.00
11	T	Tert butyl alcohol	0.055	0.050	9.1	100	-0.01
12	CM	1,1-Dichloroethene	0.582	0.580	0.3#	106	0.00
13	T	Acrolein	0.115	0.104	9.6	99	0.00
14	T	Allyl chloride	0.986	0.958	2.8	108	0.00
15	T	Acrylonitrile	0.251	0.241	4.0	103	0.00
16	T	Acetone	0.163	0.152	6.7	101	0.00
17	T	Carbon Disulfide	1.669	1.686	-1.0	107	0.00
18	T	Methyl Acetate	0.545	0.485	11.0	104	0.00
19	T	Methyl tert-butyl Ether	1.864	1.805	3.2	108	0.00
20	T	Methylene Chloride	0.628	0.618	1.6	109	0.00
21	T	trans-1,2-Dichloroethene	0.618	0.610	1.3	106	0.00
22	T	Diisopropyl ether	2.017	2.031	-0.7	109	0.00
23	T	Vinyl Acetate	1.373	1.360	0.9	108	-0.01
24	P	1,1-Dichloroethane	1.145	1.129	1.4	108	0.00
25	T	2-Butanone	0.260	0.243	6.5	100	-0.01
26	T	2,2-Dichloropropane	0.986	0.954	3.2	106	-0.01
27	T	cis-1,2-Dichloroethene	0.738	0.730	1.1	109	0.00
28	T	Bromochloromethane	0.519	0.519	0.0	107	-0.02
29	T	Tetrahydrofuran	0.185	0.166	10.3	97	-0.02
30	C	Chloroform	1.178	1.133	3.8#	106	-0.01
31	T	Cyclohexane	0.994	0.975	1.9	102	-0.01
32	T	1,1,1-Trichloroethane	1.040	1.023	1.6	105	-0.01
33	S	1,2-Dichloroethane-d4	0.719	0.669	7.0	105	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35	S	Dibromofluoromethane	0.285	0.266	6.7	105	-0.01
36	T	1,1-Dichloropropene	0.479	0.474	1.0	106	-0.01
37	T	Ethyl Acetate	0.408	0.382	6.4	101	-0.01
38	T	Carbon Tetrachloride	0.553	0.530	4.2	103	-0.01
39	T	Methylcyclohexane	0.616	0.597	3.1	98	0.00
40	TM	Benzene	1.462	1.429	2.3	106	-0.01
41	T	Methacrylonitrile	0.205	0.196	4.4	99	-0.02
42	TM	1,2-Dichloroethane	0.515	0.495	3.9	108	-0.01
43	T	Isopropyl Acetate	0.673	0.630	6.4	102	-0.01
44	TM	Trichloroethene	0.383	0.373	2.6	106	0.00
45	C	1,2-Dichloropropane	0.365	0.349	4.4#	105	0.00
46	T	Dibromomethane	0.256	0.246	3.9	106	0.00
47	T	Bromodichloromethane	0.543	0.531	2.2	108	0.00
48	T	Methyl methacrylate	0.328	0.318	3.0	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	101	0.00
50	S	Toluene-d8	1.258	1.171	6.9	104	0.00
51	T	4-Methyl-2-Pentanone	0.375	0.342	8.8	99	0.00
52	CM	Toluene	0.914	0.891	2.5#	104	0.00
53	T	t-1,3-Dichloropropene	0.492	0.491	0.2	108	0.00
54	T	cis-1,3-Dichloropropene	0.531	0.522	1.7	109	0.00
55	T	1,1,2-Trichloroethane	0.331	0.314	5.1	105	0.00
56	T	Ethyl methacrylate	0.484	0.471	2.7	104	0.00
57	T	1,3-Dichloropropane	0.573	0.545	4.9	104	0.00
58	T	2-Chloroethyl Vinyl ether	0.251	0.254	-1.2	98	0.00
59	T	2-Hexanone	0.244	0.228	6.6	99	0.00
60	T	Dibromochloromethane	0.409	0.394	3.7	105	0.00
61	T	1,2-Dibromoethane	0.342	0.322	5.8	103	0.00
62	S	4-Bromofluorobenzene	0.471	0.427	9.3	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.403	0.384	4.7	104	0.00
65	PM	Chlorobenzene	1.152	1.119	2.9	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.393	-0.3	108	0.00
67	C	Ethyl Benzene	1.940	1.952	-0.6#	106	0.00
68	T	m/p-Xylenes	0.734	0.736	-0.3	103	0.00
69	T	o-Xylene	0.702	0.707	-0.7	105	0.00
70	T	Styrene	1.189	1.202	-1.1	106	0.00
71	P	Bromoform	0.283	0.267	5.7	103	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.698	3.750	-1.4	104	0.00
74	T	N-amyl acetate	1.319	1.311	0.6	102	0.00
75	P	1,1,2,2-Tetrachloroethane	0.937	0.875	6.6	101	0.00
76	T	1,2,3-Trichloropropane	0.719	0.726	-1.0	104	0.00
77	T	Bromobenzene	0.914	0.892	2.4	104	0.00
78	T	n-propylbenzene	4.371	4.407	-0.8	102	0.00
79	T	2-Chlorotoluene	2.624	2.588	1.4	104	0.00
80	T	1,3,5-Trimethylbenzene	3.032	3.065	-1.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.208	0.207	0.5	106	0.00
82	T	4-Chlorotoluene	3.085	3.055	1.0	104	0.00
83	T	tert-Butylbenzene	3.086	3.056	1.0	101	0.00
84	T	1,2,4-Trimethylbenzene	3.002	3.120	-3.9	106	0.00
85	T	sec-Butylbenzene	3.846	3.856	-0.3	102	0.00
86	T	p-Isopropyltoluene	3.251	3.313	-1.9	103	0.00
87	T	1,3-Dichlorobenzene	1.745	1.665	4.6	105	0.00
88	T	1,4-Dichlorobenzene	1.777	1.657	6.8	103	0.00
89	T	n-Butylbenzene	3.052	3.000	1.7	101	0.00
90	T	Hexachloroethane	0.571	0.575	-0.7	103	0.00
91	T	1,2-Dichlorobenzene	1.617	1.557	3.7	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.183	0.171	6.6	97	0.00
93	T	1,2,4-Trichlorobenzene	1.116	1.086	2.7	104	0.00
94	T	Hexachlorobutadiene	0.468	0.454	3.0	101	0.00
95	T	Naphthalene	2.818	2.746	2.6	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	1.013	0.982	3.1	101	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\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	50.937	-1.9	102	0.00
3	P	Chloromethane	50.000	51.381	-2.8	115	0.00
4	C	Vinyl Chloride	50.000	50.568	-1.1#	107	0.00
5	T	Bromomethane	50.000	52.651	-5.3	111	0.00
6	T	Chloroethane	50.000	49.122	1.8	105	0.00
7	T	Trichlorofluoromethane	50.000	50.180	-0.4	105	0.00
8	T	Diethyl Ether	50.000	49.323	1.4	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.927	0.1	103	0.00
10	T	Methyl Iodide	50.000	48.964	2.1	109	0.00
11	T	Tert butyl alcohol	250.000	227.013	9.2	100	-0.01
12	CM	1,1-Dichloroethene	50.000	49.864	0.3#	106	0.00
13	T	Acrolein	250.000	226.874	9.3	99	0.00
14	T	Allyl chloride	50.000	48.584	2.8	108	0.00
15	T	Acrylonitrile	250.000	239.972	4.0	103	0.00
16	T	Acetone	250.000	233.060	6.8	101	0.00
17	T	Carbon Disulfide	50.000	50.529	-1.1	107	0.00
18	T	Methyl Acetate	50.000	44.525	11.0	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.420	3.2	108	0.00
20	T	Methylene Chloride	50.000	49.180	1.6	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.318	1.4	106	0.00
22	T	Diisopropyl ether	50.000	50.345	-0.7	109	0.00
23	T	Vinyl Acetate	250.000	247.515	1.0	108	-0.01
24	P	1,1-Dichloroethane	50.000	49.311	1.4	108	0.00
25	T	2-Butanone	250.000	233.069	6.8	100	-0.01
26	T	2,2-Dichloropropane	50.000	48.409	3.2	106	-0.01
27	T	cis-1,2-Dichloroethene	50.000	49.483	1.0	109	0.00
28	T	Bromochloromethane	50.000	49.998	0.0	107	-0.02
29	T	Tetrahydrofuran	250.000	223.415	10.6	97	-0.02
30	C	Chloroform	50.000	48.085	3.8#	106	-0.01
31	T	Cyclohexane	50.000	49.045	1.9	102	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.209	1.6	105	-0.01
33	S	1,2-Dichloroethane-d4	50.000	46.518	7.0	105	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	46.599	6.8	105	-0.01
36	T	1,1-Dichloropropene	50.000	49.543	0.9	106	-0.01
37	T	Ethyl Acetate	50.000	46.775	6.5	101	-0.01
38	T	Carbon Tetrachloride	50.000	47.932	4.1	103	-0.01
39	T	Methylcyclohexane	50.000	48.502	3.0	98	0.00
40	TM	Benzene	50.000	48.853	2.3	106	-0.01
41	T	Methacrylonitrile	50.000	47.600	4.8	99	-0.02
42	TM	1,2-Dichloroethane	50.000	48.040	3.9	108	-0.01
43	T	Isopropyl Acetate	50.000	46.749	6.5	102	-0.01
44	TM	Trichloroethene	50.000	48.636	2.7	106	0.00
45	C	1,2-Dichloropropane	50.000	47.756	4.5#	105	0.00
46	T	Dibromomethane	50.000	48.082	3.8	106	0.00
47	T	Bromodichloromethane	50.000	48.913	2.2	108	0.00
48	T	Methyl methacrylate	50.000	48.394	3.2	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	977.625	2.2	101	0.00
50	S	Toluene-d8	50.000	46.543	6.9	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.914	8.8	99	0.00
52	CM	Toluene	50.000	48.734	2.5#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	49.836	0.3	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.233	1.5	109	0.00
55	T	1,1,2-Trichloroethane	50.000	47.464	5.1	105	0.00
56	T	Ethyl methacrylate	50.000	48.593	2.8	104	0.00
57	T	1,3-Dichloropropane	50.000	47.520	5.0	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	221.341	11.5	98	0.00
59	T	2-Hexanone	250.000	233.382	6.6	99	0.00
60	T	Dibromochloromethane	50.000	48.209	3.6	105	0.00
61	T	1,2-Dibromoethane	50.000	47.024	6.0	103	0.00
62	S	4-Bromofluorobenzene	50.000	45.358	9.3	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	47.723	4.6	104	0.00
65	PM	Chlorobenzene	50.000	48.554	2.9	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.149	-0.3	108	0.00
67	C	Ethyl Benzene	50.000	50.314	-0.6#	106	0.00
68	T	m/p-Xylenes	100.000	100.167	-0.2	103	0.00
69	T	o-Xylene	50.000	50.358	-0.7	105	0.00
70	T	Styrene	50.000	50.557	-1.1	106	0.00
71	P	Bromoform	50.000	47.120	5.8	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	50.703	-1.4	104	0.00
74	T	N-amyl acetate	50.000	49.685	0.6	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.702	6.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	50.455	-0.9	104	0.00
77	T	Bromobenzene	50.000	48.794	2.4	104	0.00
78	T	n-propylbenzene	50.000	50.412	-0.8	102	0.00
79	T	2-Chlorotoluene	50.000	49.307	1.4	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.550	-1.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.854	0.3	106	0.00
82	T	4-Chlorotoluene	50.000	49.510	1.0	104	0.00
83	T	tert-Butylbenzene	50.000	49.509	1.0	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.971	-3.9	106	0.00
85	T	sec-Butylbenzene	50.000	50.138	-0.3	102	0.00
86	T	p-Isopropyltoluene	50.000	50.956	-1.9	103	0.00
87	T	1,3-Dichlorobenzene	50.000	47.721	4.6	105	0.00
88	T	1,4-Dichlorobenzene	50.000	46.635	6.7	103	0.00
89	T	n-Butylbenzene	50.000	49.134	1.7	101	0.00
90	T	Hexachloroethane	50.000	50.310	-0.6	103	0.00
91	T	1,2-Dichlorobenzene	50.000	48.150	3.7	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.487	7.0	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.671	2.7	104	0.00
94	T	Hexachlorobutadiene	50.000	48.529	2.9	101	0.00
95	T	Naphthalene	50.000	48.726	2.5	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048414.D
Acq On : 29 Oct 2025 14:27
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102925

Quant Time: Oct 30 02:39:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	48.468	3.1	101	0.00

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

Raw Data: **VX048416.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	ATGG01
Lab Code:	ACE	SDG No.:	Q3508
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/31/2025 09:18
Lab File ID:	VX048416.D	Init. Calib. Date(s):	10/29/2025 10/29/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	11:12 13:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.462	1.472		0.68	20
Toluene	0.914	0.927		1.42	20
Ethyl Benzene	1.940	1.943		0.16	20
m/p-Xylenes	0.734	0.741		0.95	20
o-Xylene	0.702	0.709		1	20
1,2-Dichloroethane-d4	0.719	0.743		3.34	20
Dibromofluoromethane	0.285	0.296		3.86	20
Toluene-d8	1.258	1.277		1.51	20
4-Bromofluorobenzene	0.471	0.470		-0.21	20

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

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	152790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	255523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	111736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	113499	51.653	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.300%			
35) Dibromofluoromethane	5.361	113	75703	51.964	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.628	98	326218	50.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.061	95	120070	49.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	75014	48.131	ug/l	96
3) Chloromethane	1.301	50	45644	51.908	ug/l	98
4) Vinyl Chloride	1.380	62	101174	49.809	ug/l	98
5) Bromomethane	1.618	94	40685	55.447	ug/l	99
6) Chloroethane	1.697	64	60986	50.486	ug/l	97
7) Trichlorofluoromethane	1.898	101	153970	49.465	ug/l	99
8) Diethyl Ether	2.130	74	58371	51.886	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	85744	48.973	ug/l	97
10) Methyl Iodide	2.453	142	339008	48.152	ug/l	98
11) Tert butyl alcohol	2.928	59	42503	252.471	ug/l	98
12) 1,1-Dichloroethene	2.325	96	88655	49.850	ug/l	91
13) Acrolein	2.233	56	98542	280.429	ug/l	100
14) Allyl chloride	2.660	41	151934	50.448	ug/l	97
15) Acrylonitrile	3.050	53	204878	267.516	ug/l	99
16) Acetone	2.367	43	126129	253.262	ug/l	100
17) Carbon Disulfide	2.514	76	254137	49.839	ug/l	100
18) Methyl Acetate	2.697	43	84085	50.482	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	297192	52.184	ug/l	97
20) Methylene Chloride	2.782	84	99202	51.674	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	94332	49.938	ug/l	99
22) Diisopropyl ether	3.745	45	324559	52.650	ug/l	88
23) Vinyl Acetate	3.709	43	1115978	265.943	ug/l	97
24) 1,1-Dichloroethane	3.599	63	177039	50.605	ug/l	99
25) 2-Butanone	4.532	43	203957	256.360	ug/l	97
26) 2,2-Dichloropropane	4.458	77	151759	50.381	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	114120	50.620	ug/l	98
28) Bromochloromethane	4.879	49	83225	52.491	ug/l	93
29) Tetrahydrofuran	4.977	42	143309	252.936	ug/l	98
30) Chloroform	5.074	83	179084	49.762	ug/l	98
31) Cyclohexane	5.452	56	144767	47.672	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	158417	49.863	ug/l	99
36) 1,1-Dichloropropene	5.672	75	119169	48.711	ug/l	98
37) Ethyl Acetate	4.684	43	106033	50.871	ug/l	97
38) Carbon Tetrachloride	5.660	117	136272	48.243	ug/l	99
39) Methylcyclohexane	7.360	83	148486	47.197	ug/l	96
40) Benzene	6.019	78	376035	50.313	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	58133	55.371	ug/l		96
42) 1,2-Dichloroethane	6.062	62	134546	51.109	ug/l		98
43) Isopropyl Acetate	6.312	43	181673	52.793	ug/l		97
44) Trichloroethene	7.104	130	98438	50.271	ug/l		96
45) 1,2-Dichloropropane	7.409	63	94277	50.508	ug/l		100
46) Dibromomethane	7.556	93	66880	51.183	ug/l		97
47) Bromodichloromethane	7.799	83	144278	51.967	ug/l		99
48) Methyl methacrylate	7.671	41	90597	53.986	ug/l		96
49) 1,4-Dioxane	7.641	88	21610	1132.935	ug/l		92
51) 4-Methyl-2-Pentanone	8.549	43	493476	257.669	ug/l		96
52) Toluene	8.702	92	236939	50.735	ug/l		98
53) t-1,3-Dichloropropene	8.958	75	135417	53.813	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	143774	53.029	ug/l		96
55) 1,1,2-Trichloroethane	9.134	97	86495	51.179	ug/l		97
56) Ethyl methacrylate	9.098	69	131183	53.010	ug/l		97
57) 1,3-Dichloropropane	9.287	76	148498	50.675	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	380217	257.663	ug/l		97
59) 2-Hexanone	9.409	43	320230	256.975	ug/l		97
60) Dibromochloromethane	9.500	129	107576	51.467	ug/l		99
61) 1,2-Dibromoethane	9.592	107	90387	51.697	ug/l		97
64) Tetrachloroethene	9.256	164	89451	48.456	ug/l		98
65) Chlorobenzene	10.061	112	258503	48.950	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.140	131	91596	50.990	ug/l		100
67) Ethyl Benzene	10.177	91	445293	50.079	ug/l		98
68) m/p-Xylenes	10.281	106	339842	100.942	ug/l		96
69) o-Xylene	10.622	106	162637	50.552	ug/l		97
70) Styrene	10.634	104	282650	51.862	ug/l		99
71) Bromoform	10.781	173	67415	51.879	ug/l	#	100
73) Isopropylbenzene	10.945	105	415638	50.292	ug/l		99
74) N-amyl acetate	10.823	43	154874	52.531	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	104968	50.143	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	88324m	54.965	ug/l		
77) Bromobenzene	11.177	156	103330	50.614	ug/l		96
78) n-propylbenzene	11.287	91	489090	50.071	ug/l		98
79) 2-Chlorotoluene	11.348	91	294010	50.133	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	347518	51.297	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	25635	55.207	ug/l	#	54
82) 4-Chlorotoluene	11.433	91	345977	50.182	ug/l		97
83) tert-Butylbenzene	11.695	119	336164	48.741	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	348276	51.921	ug/l		99
85) sec-Butylbenzene	11.872	105	426930	49.679	ug/l		100
86) p-Isopropyltoluene	11.988	119	364568	50.180	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	186450	47.822	ug/l		99
88) 1,4-Dichlorobenzene	12.018	146	190416	47.952	ug/l		99
89) n-Butylbenzene	12.311	91	335539	49.190	ug/l		98
90) Hexachloroethane	12.518	117	64583	50.589	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	181779	50.313	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20863	50.896	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	123235	49.430	ug/l		99
94) Hexachlorobutadiene	13.707	225	49140	46.989	ug/l		97
95) Naphthalene	13.756	128	330326	52.461	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	114145	50.405	ug/l		97

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

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

Sample Results: **VX048416.D**

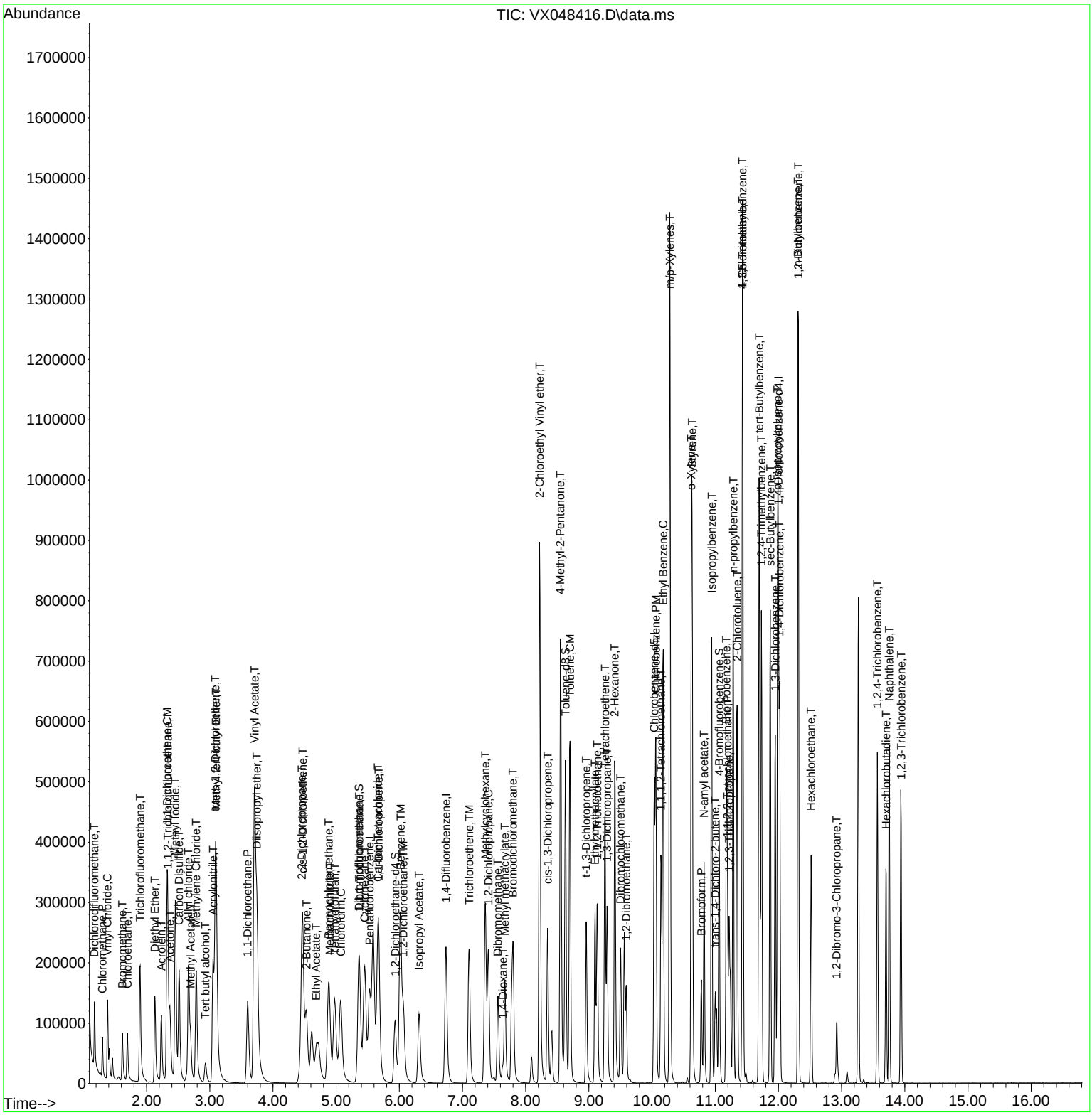
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	96	0.00
2	T	Dichlorodifluoromethane	0.510	0.491	3.7	87	0.00
3	P	Chloromethane	0.288	0.299	-3.8	105	0.00
4	C	Vinyl Chloride	0.665	0.662	0.5#	95	0.00
5	T	Bromomethane	0.240	0.266	-10.8	105	0.00
6	T	Chloroethane	0.395	0.399	-1.0	98	0.00
7	T	Trichlorofluoromethane	1.019	1.008	1.1	93	0.00
8	T	Diethyl Ether	0.368	0.382	-3.8	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.573	0.561	2.1	91	0.00
10	T	Methyl Iodide	2.304	2.219	3.7	97	0.00
11	T	Tert butyl alcohol	0.055	0.056	-1.8	101	-0.01
12	CM	1,1-Dichloroethene	0.582	0.580	0.3#	96	0.00
13	T	Acrolein	0.115	0.129	-12.2	110	0.00
14	T	Allyl chloride	0.986	0.994	-0.8	102	0.00
15	T	Acrylonitrile	0.251	0.268	-6.8	104	0.00
16	T	Acetone	0.163	0.165	-1.2	100	0.00
17	T	Carbon Disulfide	1.669	1.663	0.4	95	0.00
18	T	Methyl Acetate	0.545	0.550	-0.9	107	0.00
19	T	Methyl tert-butyl Ether	1.864	1.945	-4.3	106	0.00
20	T	Methylene Chloride	0.628	0.649	-3.3	104	0.00
21	T	trans-1,2-Dichloroethene	0.618	0.617	0.2	97	0.00
22	T	Diisopropyl ether	2.017	2.124	-5.3	103	0.00
23	T	Vinyl Acetate	1.373	1.461	-6.4	105	0.00
24	P	1,1-Dichloroethane	1.145	1.159	-1.2	100	0.00
25	T	2-Butanone	0.260	0.267	-2.7	99	0.00
26	T	2,2-Dichloropropane	0.986	0.993	-0.7	100	-0.01
27	T	cis-1,2-Dichloroethene	0.738	0.747	-1.2	100	0.00
28	T	Bromochloromethane	0.519	0.545	-5.0	102	-0.01
29	T	Tetrahydrofuran	0.185	0.188	-1.6	99	-0.01
30	C	Chloroform	1.178	1.172	0.5#	99	0.00
31	T	Cyclohexane	0.994	0.947	4.7	90	-0.01
32	T	1,1,1-Trichloroethane	1.040	1.037	0.3	96	0.00
33	S	1,2-Dichloroethane-d4	0.719	0.743	-3.3	106	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.285	0.296	-3.9	105	-0.01
36	T	1,1-Dichloropropene	0.479	0.466	2.7	93	-0.01
37	T	Ethyl Acetate	0.408	0.415	-1.7	99	-0.01
38	T	Carbon Tetrachloride	0.553	0.533	3.6	93	0.00
39	T	Methylcyclohexane	0.616	0.581	5.7	86	0.00
40	TM	Benzene	1.462	1.472	-0.7	98	0.00
41	T	Methacrylonitrile	0.205	0.228	-11.2	104	-0.01
42	TM	1,2-Dichloroethane	0.515	0.527	-2.3	103	-0.01
43	T	Isopropyl Acetate	0.673	0.711	-5.6	104	-0.01
44	TM	Trichloroethene	0.383	0.385	-0.5	99	0.00
45	C	1,2-Dichloropropane	0.365	0.369	-1.1#	100	0.00
46	T	Dibromomethane	0.256	0.262	-2.3	102	-0.01
47	T	Bromodichloromethane	0.543	0.565	-4.1	103	0.00
48	T	Methyl methacrylate	0.328	0.355	-8.2	104	0.00

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	105	0.00
50	S	Toluene-d8	1.258	1.277	-1.5	102	0.00
51	T	4-Methyl-2-Pentanone	0.375	0.386	-2.9	101	0.00
52	CM	Toluene	0.914	0.927	-1.4#	98	0.00
53	T	t-1,3-Dichloropropene	0.492	0.530	-7.7	105	0.00
54	T	cis-1,3-Dichloropropene	0.531	0.563	-6.0	105	0.00
55	T	1,1,2-Trichloroethane	0.331	0.339	-2.4	102	0.00
56	T	Ethyl methacrylate	0.484	0.513	-6.0	102	0.00
57	T	1,3-Dichloropropane	0.573	0.581	-1.4	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.251	0.298	-18.7	103	0.00
59	T	2-Hexanone	0.244	0.251	-2.9	98	0.00
60	T	Dibromochloromethane	0.409	0.421	-2.9	101	0.00
61	T	1,2-Dibromoethane	0.342	0.354	-3.5	102	0.00
62	S	4-Bromofluorobenzene	0.471	0.470	0.2	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.403	0.390	3.2	98	0.00
65	PM	Chlorobenzene	1.152	1.128	2.1	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.400	-2.0	101	0.00
67	C	Ethyl Benzene	1.940	1.943	-0.2#	98	0.00
68	T	m/p-Xylenes	0.734	0.741	-1.0	96	0.00
69	T	o-Xylene	0.702	0.709	-1.0	98	0.00
70	T	Styrene	1.189	1.233	-3.7	100	0.00
71	P	Bromoform	0.283	0.294	-3.9	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.698	3.720	-0.6	96	0.00
74	T	N-amyl acetate	1.319	1.386	-5.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	0.937	0.939	-0.2	100	0.00
76	T	1,2,3-Trichloropropane	0.719	0.790	-9.9	105	0.00
77	T	Bromobenzene	0.914	0.925	-1.2	100	0.00
78	T	n-propylbenzene	4.371	4.377	-0.1	94	0.00
79	T	2-Chlorotoluene	2.624	2.631	-0.3	98	0.00
80	T	1,3,5-Trimethylbenzene	3.032	3.110	-2.6	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.208	0.229	-10.1	109	0.00
82	T	4-Chlorotoluene	3.085	3.096	-0.4	98	0.00
83	T	tert-Butylbenzene	3.086	3.009	2.5	92	0.00
84	T	1,2,4-Trimethylbenzene	3.002	3.117	-3.8	98	0.00
85	T	sec-Butylbenzene	3.846	3.821	0.7	93	0.00
86	T	p-Isopropyltoluene	3.251	3.263	-0.4	94	0.00
87	T	1,3-Dichlorobenzene	1.745	1.669	4.4	97	0.00
88	T	1,4-Dichlorobenzene	1.777	1.704	4.1	98	0.00
89	T	n-Butylbenzene	3.052	3.003	1.6	93	0.00
90	T	Hexachloroethane	0.571	0.578	-1.2	96	0.00
91	T	1,2-Dichlorobenzene	1.617	1.627	-0.6	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.183	0.187	-2.2	99	0.00
93	T	1,2,4-Trichlorobenzene	1.116	1.103	1.2	98	0.00
94	T	Hexachlorobutadiene	0.468	0.440	6.0	90	0.00
95	T	Naphthalene	2.818	2.956	-4.9	99	0.00

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	1.013	1.022	-0.9	98	0.00

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

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	48.131	3.7	87	0.00
3	P	Chloromethane	50.000	51.908	-3.8	105	0.00
4	C	Vinyl Chloride	50.000	49.809	0.4#	95	0.00
5	T	Bromomethane	50.000	55.447	-10.9	105	0.00
6	T	Chloroethane	50.000	50.486	-1.0	98	0.00
7	T	Trichlorofluoromethane	50.000	49.465	1.1	93	0.00
8	T	Diethyl Ether	50.000	51.886	-3.8	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.973	2.1	91	0.00
10	T	Methyl Iodide	50.000	48.152	3.7	97	0.00
11	T	Tert butyl alcohol	250.000	252.471	-1.0	101	-0.01
12	CM	1,1-Dichloroethene	50.000	49.850	0.3#	96	0.00
13	T	Acrolein	250.000	280.429	-12.2	110	0.00
14	T	Allyl chloride	50.000	50.448	-0.9	102	0.00
15	T	Acrylonitrile	250.000	267.516	-7.0	104	0.00
16	T	Acetone	250.000	253.262	-1.3	100	0.00
17	T	Carbon Disulfide	50.000	49.839	0.3	95	0.00
18	T	Methyl Acetate	50.000	50.482	-1.0	107	0.00
19	T	Methyl tert-butyl Ether	50.000	52.184	-4.4	106	0.00
20	T	Methylene Chloride	50.000	51.674	-3.3	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.938	0.1	97	0.00
22	T	Diisopropyl ether	50.000	52.650	-5.3	103	0.00
23	T	Vinyl Acetate	250.000	265.943	-6.4	105	0.00
24	P	1,1-Dichloroethane	50.000	50.605	-1.2	100	0.00
25	T	2-Butanone	250.000	256.360	-2.5	99	0.00
26	T	2,2-Dichloropropane	50.000	50.381	-0.8	100	-0.01
27	T	cis-1,2-Dichloroethene	50.000	50.620	-1.2	100	0.00
28	T	Bromochloromethane	50.000	52.491	-5.0	102	-0.01
29	T	Tetrahydrofuran	250.000	252.936	-1.2	99	-0.01
30	C	Chloroform	50.000	49.762	0.5#	99	0.00
31	T	Cyclohexane	50.000	47.672	4.7	90	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.863	0.3	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.653	-3.3	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	51.964	-3.9	105	-0.01
36	T	1,1-Dichloropropene	50.000	48.711	2.6	93	-0.01
37	T	Ethyl Acetate	50.000	50.871	-1.7	99	-0.01
38	T	Carbon Tetrachloride	50.000	48.243	3.5	93	0.00
39	T	Methylcyclohexane	50.000	47.197	5.6	86	0.00
40	TM	Benzene	50.000	50.313	-0.6	98	0.00
41	T	Methacrylonitrile	50.000	55.371	-10.7	104	-0.01
42	TM	1,2-Dichloroethane	50.000	51.109	-2.2	103	-0.01
43	T	Isopropyl Acetate	50.000	52.793	-5.6	104	-0.01
44	TM	Trichloroethene	50.000	50.271	-0.5	99	0.00
45	C	1,2-Dichloropropane	50.000	50.508	-1.0#	100	0.00
46	T	Dibromomethane	50.000	51.183	-2.4	102	-0.01
47	T	Bromodichloromethane	50.000	51.967	-3.9	103	0.00
48	T	Methyl methacrylate	50.000	53.986	-8.0	104	0.00

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 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	1132.935	-13.3	105	0.00
50	S	Toluene-d8	50.000	50.727	-1.5	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.669	-3.1	101	0.00
52	CM	Toluene	50.000	50.735	-1.5#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	53.813	-7.6	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.029	-6.1	105	0.00
55	T	1,1,2-Trichloroethane	50.000	51.179	-2.4	102	0.00
56	T	Ethyl methacrylate	50.000	53.010	-6.0	102	0.00
57	T	1,3-Dichloropropane	50.000	50.675	-1.3	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.663	-3.1	103	0.00
59	T	2-Hexanone	250.000	256.975	-2.8	98	0.00
60	T	Dibromochloromethane	50.000	51.467	-2.9	101	0.00
61	T	1,2-Dibromoethane	50.000	51.697	-3.4	102	0.00
62	S	4-Bromofluorobenzene	50.000	49.912	0.2	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	48.456	3.1	98	0.00
65	PM	Chlorobenzene	50.000	48.950	2.1	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.990	-2.0	101	0.00
67	C	Ethyl Benzene	50.000	50.079	-0.2#	98	0.00
68	T	m/p-Xylenes	100.000	100.942	-0.9	96	0.00
69	T	o-Xylene	50.000	50.552	-1.1	98	0.00
70	T	Styrene	50.000	51.862	-3.7	100	0.00
71	P	Bromoform	50.000	51.879	-3.8	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.292	-0.6	96	0.00
74	T	N-amyl acetate	50.000	52.531	-5.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.143	-0.3	100	0.00
76	T	1,2,3-Trichloropropane	50.000	54.965	-9.9	105	0.00
77	T	Bromobenzene	50.000	50.614	-1.2	100	0.00
78	T	n-propylbenzene	50.000	50.071	-0.1	94	0.00
79	T	2-Chlorotoluene	50.000	50.133	-0.3	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.297	-2.6	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.207	-10.4	109	0.00
82	T	4-Chlorotoluene	50.000	50.182	-0.4	98	0.00
83	T	tert-Butylbenzene	50.000	48.741	2.5	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.921	-3.8	98	0.00
85	T	sec-Butylbenzene	50.000	49.679	0.6	93	0.00
86	T	p-Isopropyltoluene	50.000	50.180	-0.4	94	0.00
87	T	1,3-Dichlorobenzene	50.000	47.822	4.4	97	0.00
88	T	1,4-Dichlorobenzene	50.000	47.952	4.1	98	0.00
89	T	n-Butylbenzene	50.000	49.190	1.6	93	0.00
90	T	Hexachloroethane	50.000	50.589	-1.2	96	0.00
91	T	1,2-Dichlorobenzene	50.000	50.313	-0.6	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.896	-1.8	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.430	1.1	98	0.00
94	T	Hexachlorobutadiene	50.000	46.989	6.0	90	0.00
95	T	Naphthalene	50.000	52.461	-4.9	99	0.00

Sample Results: **VX048416.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048416.D
Acq On : 31 Oct 2025 09:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 22:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.405	-0.8	98	0.00

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

QC SAMPLE DATA

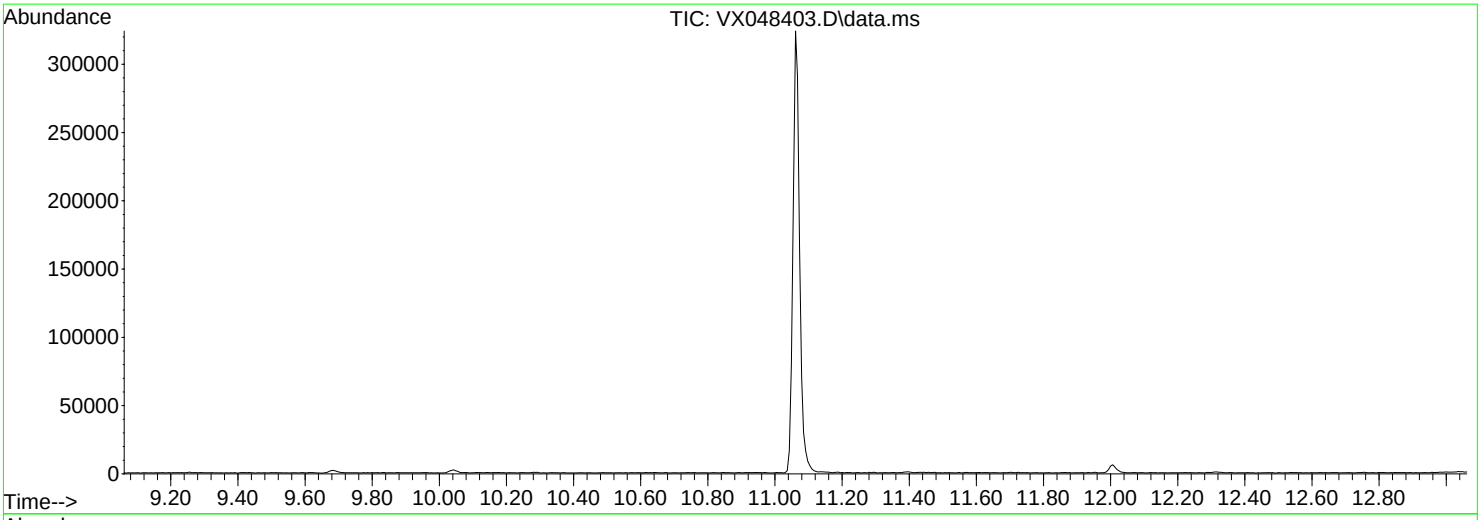
Sample Results: **VX048403.D**

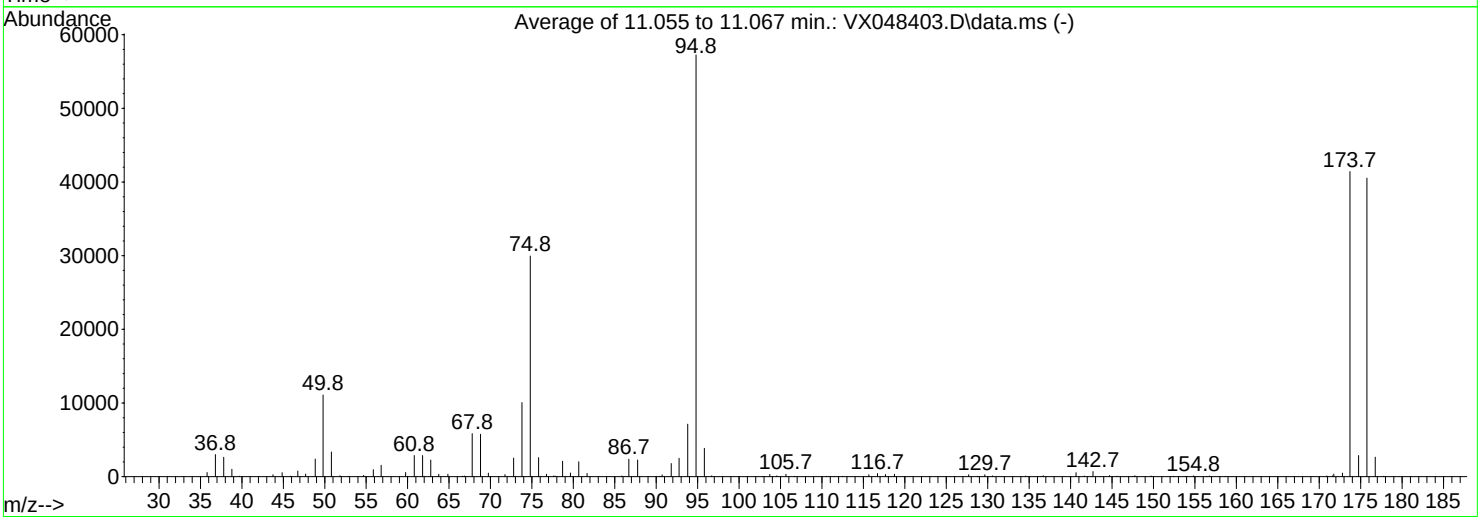
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048403.D
Acq On : 29 Oct 2025 08:39
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Title : SW846 8260
Last Update : Thu Oct 30 02:37:17 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	11086	PASS
75	95	30	60	52.3	29963	PASS
95	95	100	100	100.0	57264	PASS
96	95	5	9	6.7	3850	PASS
173	174	0.00	2	1.2	488	PASS
174	95	50	100	72.3	41416	PASS
175	174	5	9	6.9	2874	PASS
176	174	95	101	97.9	40528	PASS
177	176	5	9	6.5	2647	PASS

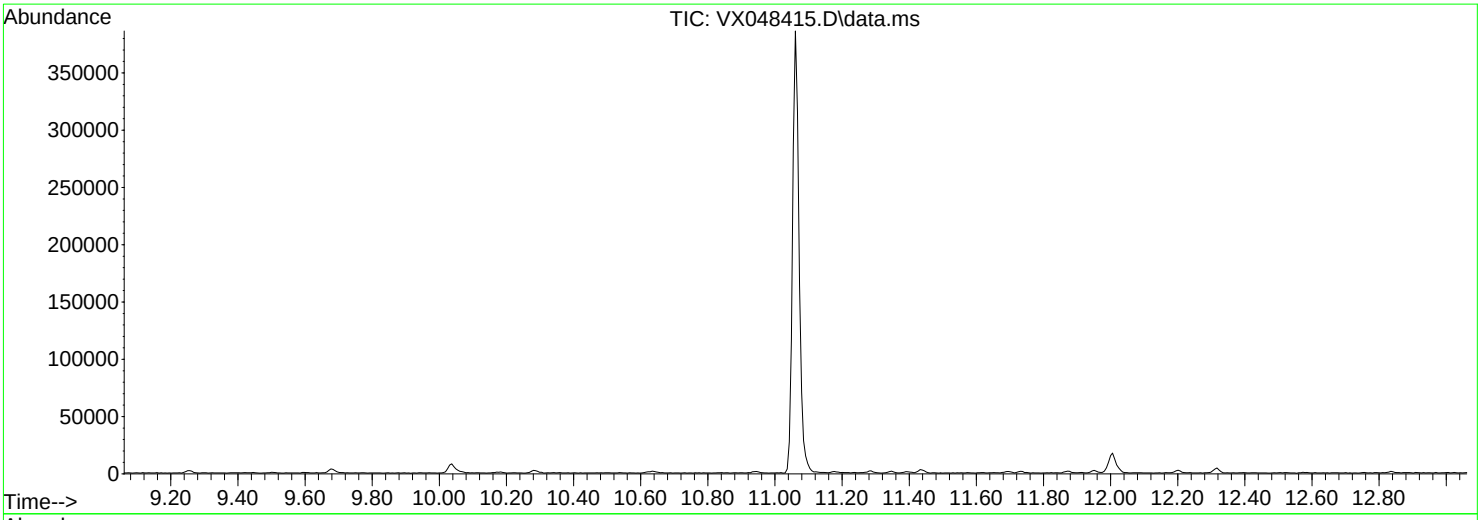
Sample Results: **VX048415.D**

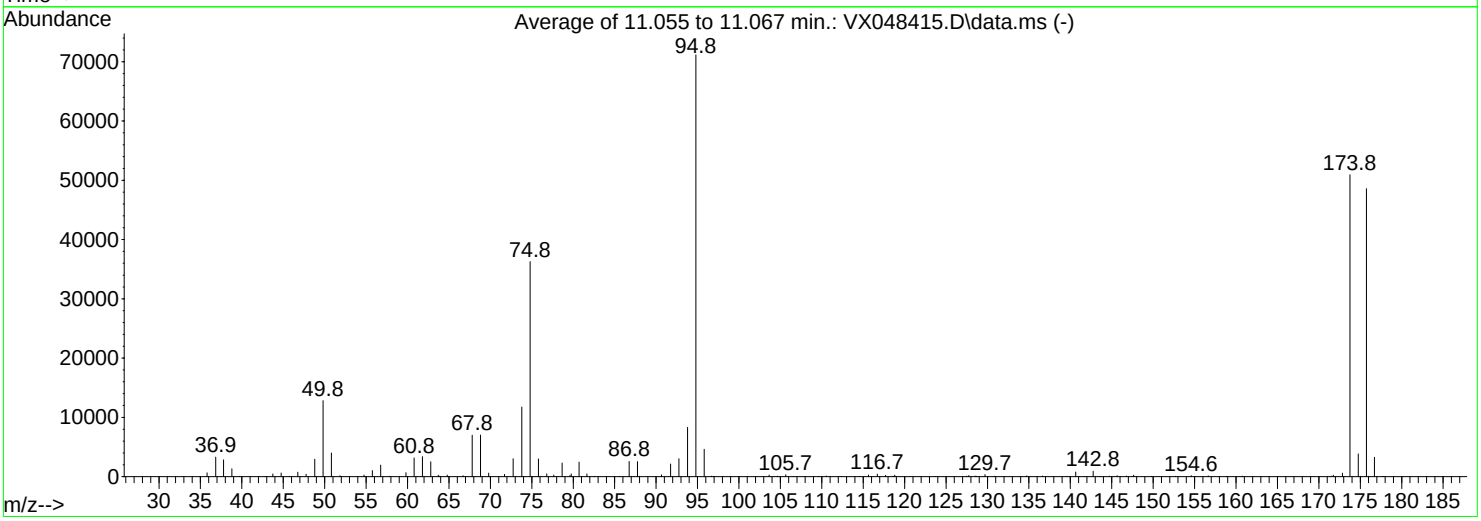
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048415.D
Acq On : 31 Oct 2025 08:06
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Title : SW846 8260
Last Update : Thu Oct 30 02:37:17 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.0	12819	PASS
75	95	30	60	51.0	36275	PASS
95	95	100	100	100.0	71163	PASS
96	95	5	9	6.5	4624	PASS
173	174	0.00	2	1.2	605	PASS
174	95	50	100	71.6	50933	PASS
175	174	5	9	7.5	3829	PASS
176	174	95	101	95.4	48581	PASS
177	176	5	9	6.8	3283	PASS

Raw Data: **VX048418.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC			Date Collected:	
Project:	AEC-2025-0013-CSC 4133 Goshen			Date Received:	
Client Sample ID:	VX1031WBL01			SDG No.:	Q3508
Lab Sample ID:	VX1031WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.00015	U	1	0.00015	0.0010	mg/L	10/31/25 10:06	VX103125
108-88-3	Toluene	0.00014	U	1	0.00014	0.0010	mg/L	10/31/25 10:06	VX103125
100-41-4	Ethyl Benzene	0.00013	U	1	0.00013	0.0010	mg/L	10/31/25 10:06	VX103125
179601-23-1	m/p-Xylenes	0.00024	U	1	0.00024	0.0020	mg/L	10/31/25 10:06	VX103125
95-47-6	o-Xylene	0.00012	U	1	0.00012	0.0010	mg/L	10/31/25 10:06	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.9			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.6			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.6			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	110000							
540-36-3	1,4-Difluorobenzene	221000							
3114-55-4	Chlorobenzene-d5	230000							
3855-82-1	1,4-Dichlorobenzene-d4	120000							

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\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Time: Oct 31 22:59:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

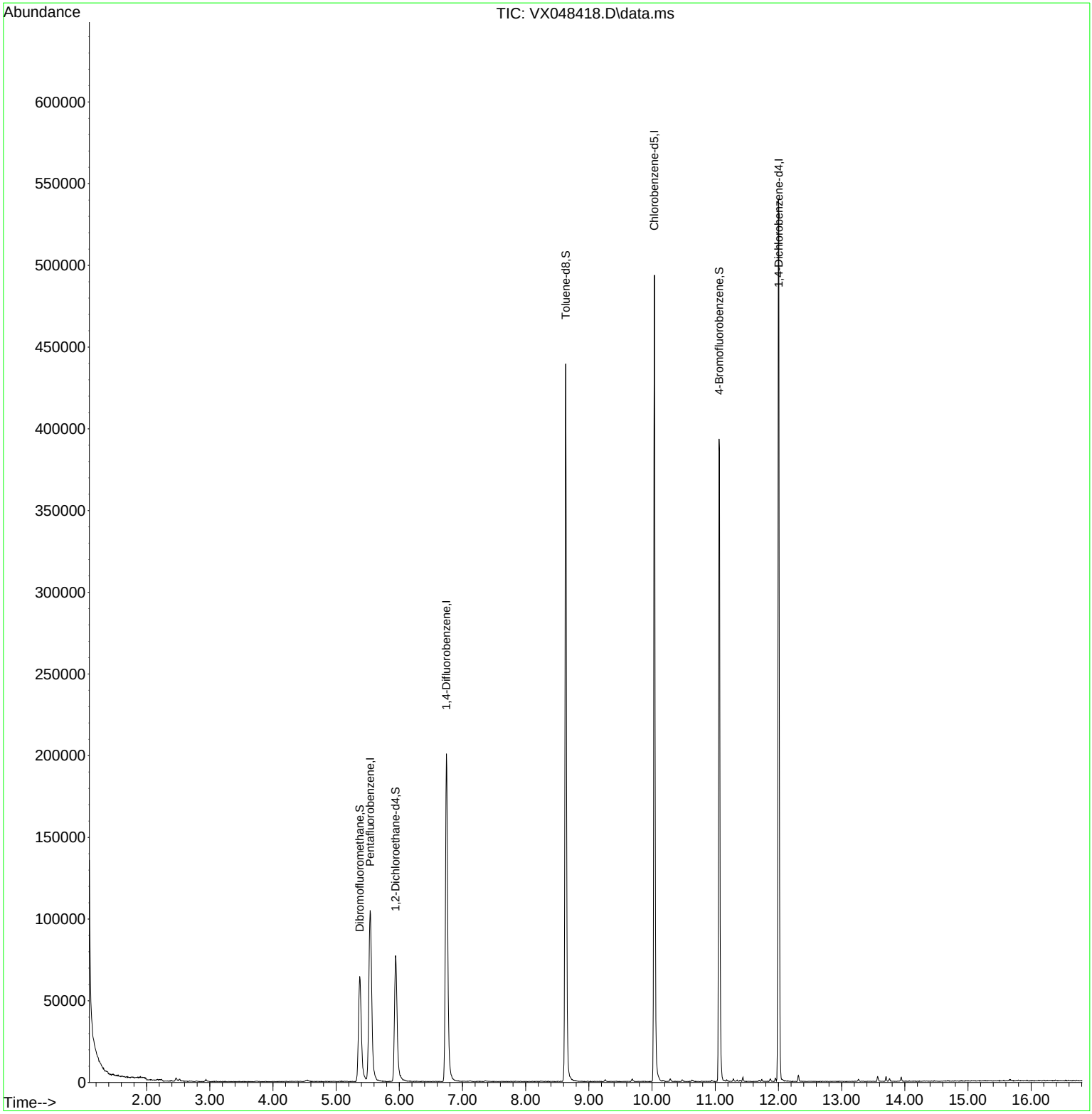
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	109923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	221003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85260	53.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.860%			
35) Dibromofluoromethane	5.373	113	63824	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.634	98	270510	48.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.061	95	119942	57.646	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.300%			
Target Compounds						Qvalue

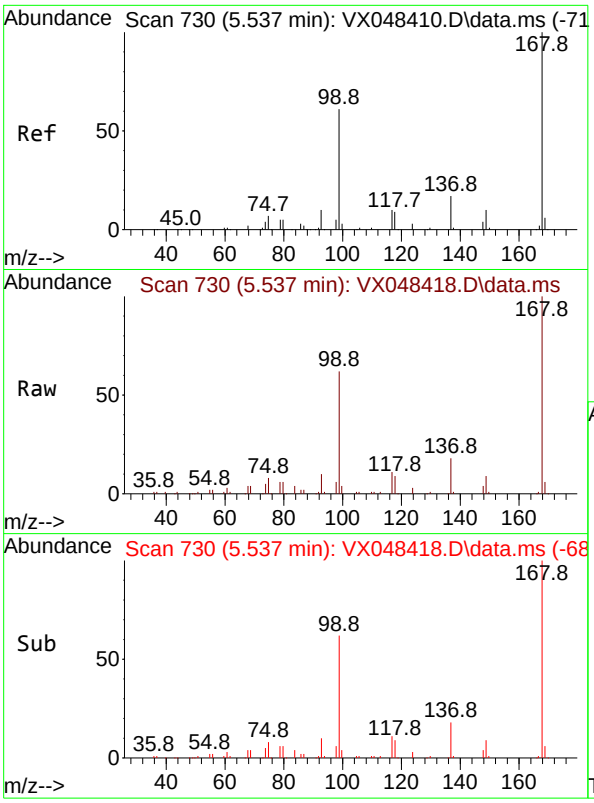
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Time: Oct 31 22:59:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



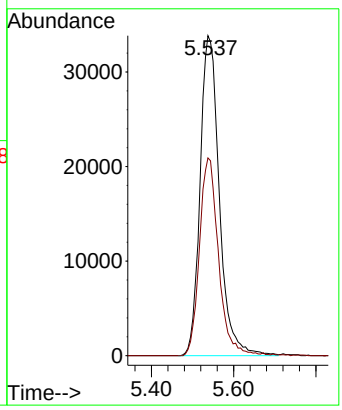


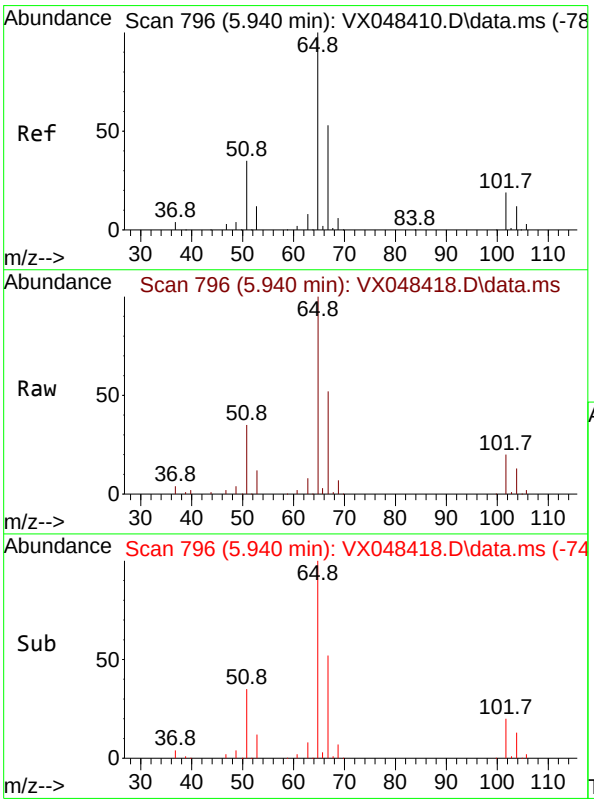
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:168 Resp: 109923

Ion	Ratio	Lower	Upper
168	100		
99	61.8	46.4	69.6

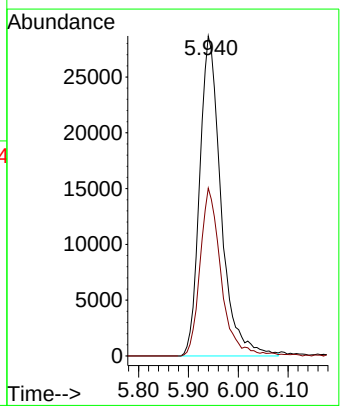


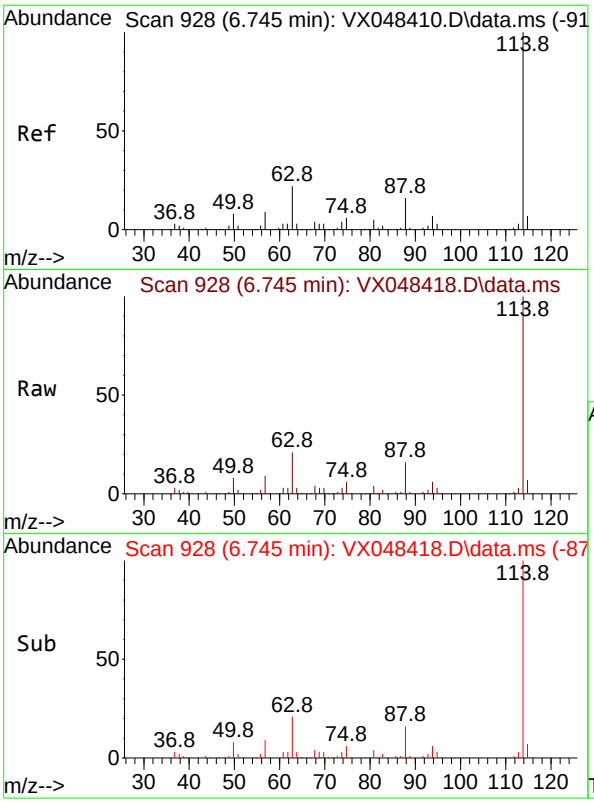


#33
1,2-Dichloroethane-d4
Concen: 53.933 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 65 Resp: 85260

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0



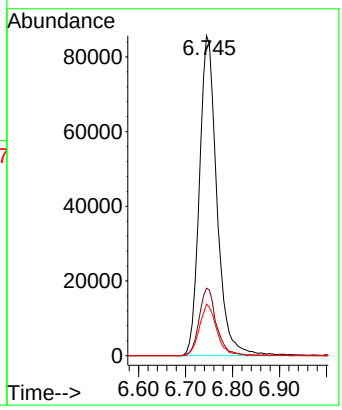


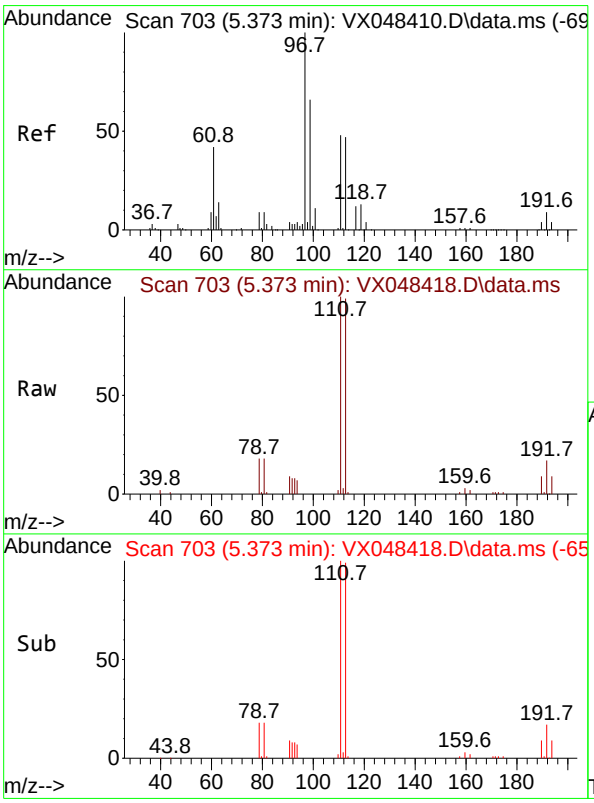
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:114 Resp: 221003

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	16.1	0.0	33.6

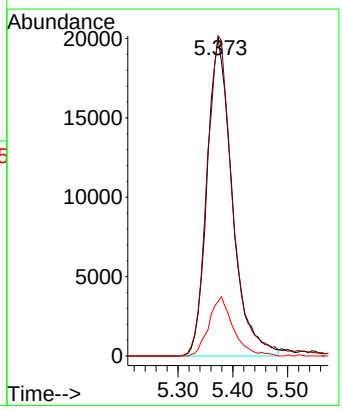


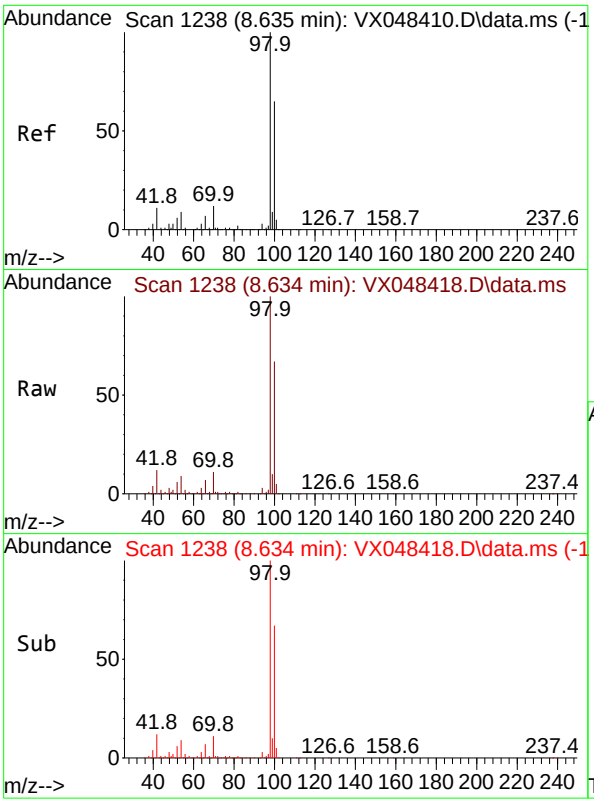


#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:113 Resp: 63824

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.0	15.1	22.7



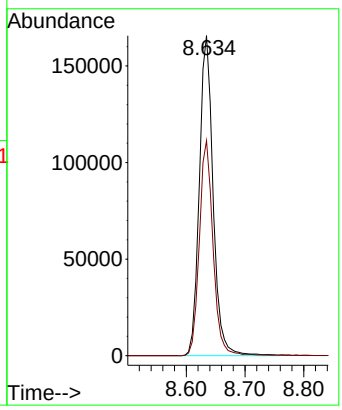


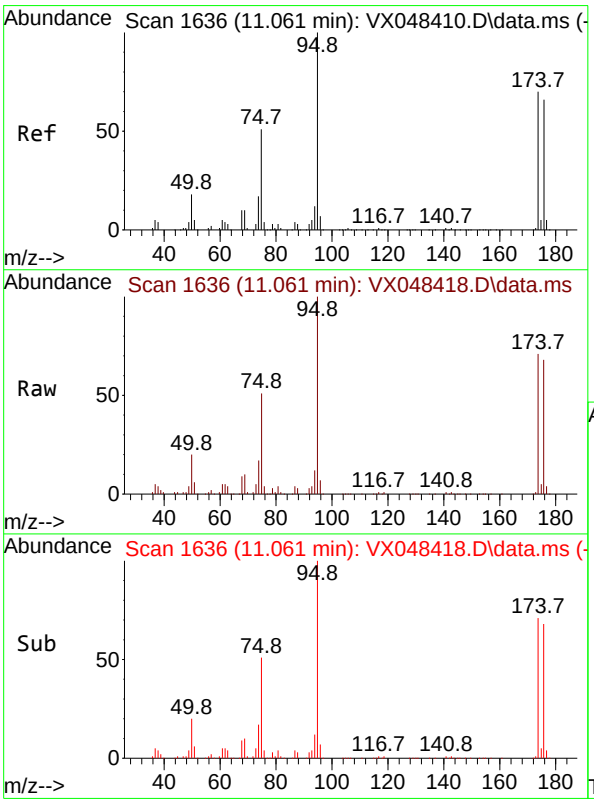
#50
Toluene-d8
Concen: 48.635 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion: 98 Resp: 270510

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4

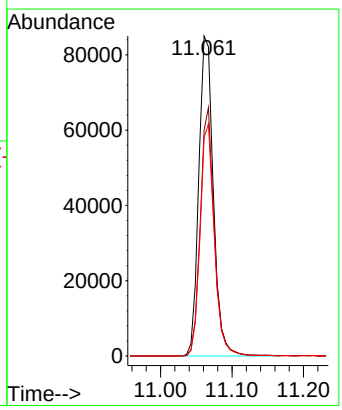


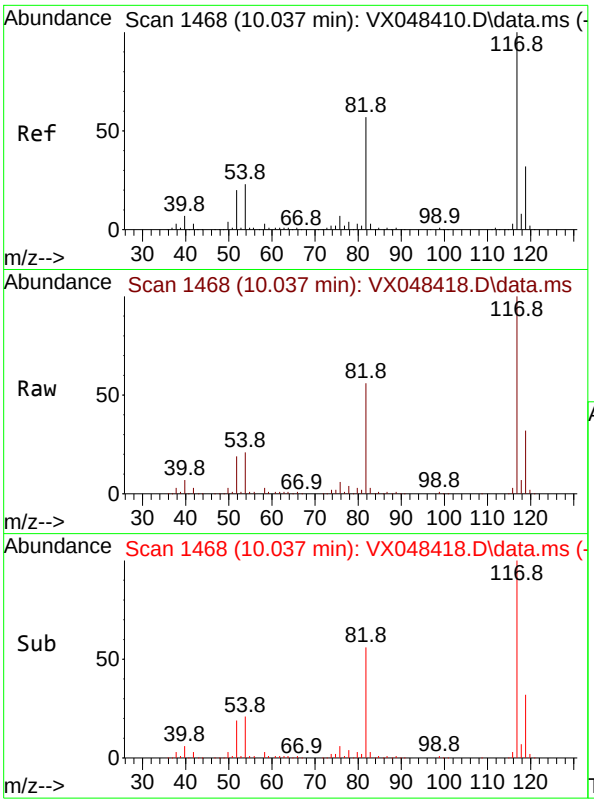


#62
4-Bromofluorobenzene
Concen: 57.646 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 95 Resp: 119942

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	147.8
176	70.9	0.0	142.8



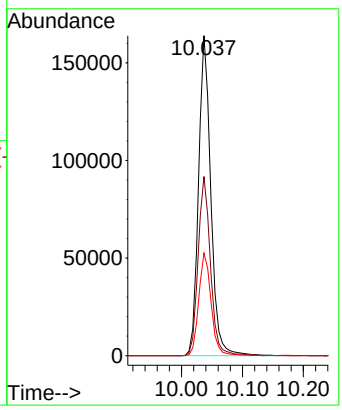


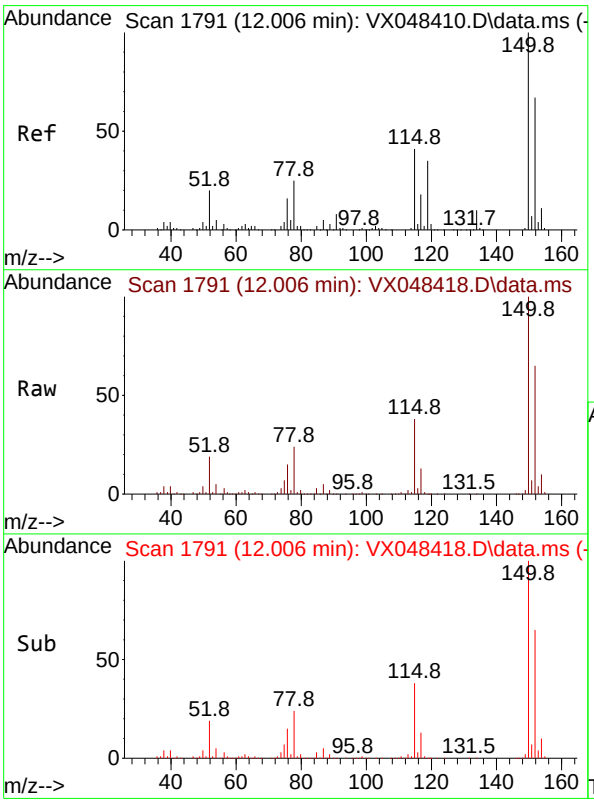
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:117 Resp: 229713

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	32.1	25.9	38.9

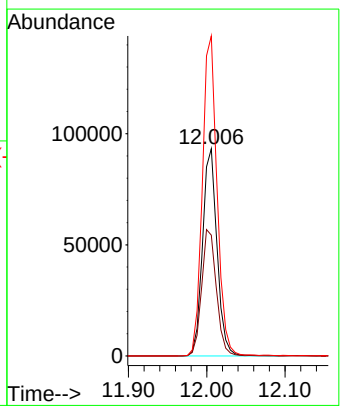




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:152 Resp: 119652

Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.1	129.4
150	156.4	0.0	353.0



Raw Data: **VX048419.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC			Date Collected:	
Project:	AEC-2025-0013-CSC 4133 Goshen			Date Received:	
Client Sample ID:	VX1031WBS01			SDG No.:	Q3508
Lab Sample ID:	VX1031WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.018		1	0.00015	0.0010	mg/L	10/31/25 10:34	VX103125
108-88-3	Toluene	0.018		1	0.00014	0.0010	mg/L	10/31/25 10:34	VX103125
100-41-4	Ethyl Benzene	0.017		1	0.00013	0.0010	mg/L	10/31/25 10:34	VX103125
179601-23-1	m/p-Xylenes	0.034		1	0.00024	0.0020	mg/L	10/31/25 10:34	VX103125
95-47-6	o-Xylene	0.017		1	0.00012	0.0010	mg/L	10/31/25 10:34	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.7			74 - 125	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.7			75 - 124	107%	SPK: 50		
2037-26-5	Toluene-d8	52.9			86 - 113	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			77 - 121	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	180000							
540-36-3	1,4-Difluorobenzene	315000							
3114-55-4	Chlorobenzene-d5	293000							
3855-82-1	1,4-Dichlorobenzene-d4	147000							

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\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	179964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	315014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	149233	57.660	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.320%			
35) Dibromofluoromethane	5.367	113	96465	53.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.420%			
50) Toluene-d8	8.629	98	419599	52.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.860%			
62) 4-Bromofluorobenzene	11.061	95	162520	54.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	31221	17.007	ug/l	96
3) Chloromethane	1.301	50	18751	18.104	ug/l	95
4) Vinyl Chloride	1.380	62	41628	17.400	ug/l	96
5) Bromomethane	1.618	94	17650	20.422	ug/l	96
6) Chloroethane	1.697	64	25235	17.736	ug/l	98
7) Trichlorofluoromethane	1.898	101	64043	17.468	ug/l	100
8) Diethyl Ether	2.130	74	23913	18.047	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	36530	17.714	ug/l	98
10) Methyl Iodide	2.459	142	137090	16.532	ug/l	99
11) Tert butyl alcohol	2.934	59	18684	94.226	ug/l	97
12) 1,1-Dichloroethene	2.325	96	37098	17.710	ug/l	97
13) Acrolein	2.233	56	40806	98.591	ug/l	97
14) Allyl chloride	2.666	41	64102	18.071	ug/l	97
15) Acrylonitrile	3.050	53	83276	92.317	ug/l	99
16) Acetone	2.367	43	53157	90.620	ug/l	99
17) Carbon Disulfide	2.514	76	107086	17.830	ug/l	99
18) Methyl Acetate	2.697	43	32640	16.637	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	123399	18.396	ug/l	98
20) Methylene Chloride	2.788	84	41770	18.473	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	39756	17.868	ug/l	95
22) Diisopropyl ether	3.745	45	136738	18.832	ug/l	99
23) Vinyl Acetate	3.709	43	486116	98.352	ug/l	98
24) 1,1-Dichloroethane	3.605	63	74934	18.185	ug/l	96
25) 2-Butanone	4.532	43	86529	92.338	ug/l	98
26) 2,2-Dichloropropane	4.459	77	63639	17.937	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	47389	17.846	ug/l	98
28) Bromochloromethane	4.885	49	28642	15.337	ug/l	95
29) Tetrahydrofuran	4.983	42	60305	90.365	ug/l	95
30) Chloroform	5.074	83	77141	18.199	ug/l	99
31) Cyclohexane	5.452	56	63180	17.664	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	67520	18.043	ug/l	100
36) 1,1-Dichloropropene	5.678	75	51289	17.005	ug/l	99
37) Ethyl Acetate	4.690	43	41787	16.262	ug/l	99
38) Carbon Tetrachloride	5.660	117	59006	16.944	ug/l	97
39) Methylcyclohexane	7.360	83	62937	16.227	ug/l	93
40) Benzene	6.019	78	162671	17.655	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	24138	18.649	ug/l		98
42) 1,2-Dichloroethane	6.068	62	59086	18.206	ug/l		100
43) Isopropyl Acetate	6.318	43	76063	17.929	ug/l		98
44) Trichloroethene	7.111	130	42009	17.402	ug/l		91
45) 1,2-Dichloropropane	7.409	63	40933	17.788	ug/l		97
46) Dibromomethane	7.562	93	28574	17.738	ug/l		96
47) Bromodichloromethane	7.806	83	62667	18.309	ug/l		95
48) Methyl methacrylate	7.671	41	37681	18.213	ug/l		96
49) 1,4-Dioxane	7.635	88	8902	378.563	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	213519	90.434	ug/l		98
52) Toluene	8.702	92	102282	17.765	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	58232	18.770	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	62358	18.656	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	37254	17.880	ug/l		99
56) Ethyl methacrylate	9.098	69	53811	17.638	ug/l		99
57) 1,3-Dichloropropane	9.293	76	64586	17.878	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	135337	81.005	ug/l		96
59) 2-Hexanone	9.409	43	136354	88.756	ug/l		97
60) Dibromochloromethane	9.500	129	46040	17.867	ug/l		96
61) 1,2-Dibromoethane	9.592	107	38672	17.941	ug/l		97
64) Tetrachloroethene	9.256	164	37940	16.089	ug/l		98
65) Chlorobenzene	10.061	112	113508	16.826	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.147	131	39696	17.299	ug/l		98
67) Ethyl Benzene	10.177	91	190943	16.811	ug/l		99
68) m/p-Xylenes	10.281	106	146981	34.176	ug/l		97
69) o-Xylene	10.622	106	69700	16.960	ug/l		97
70) Styrene	10.634	104	119294	17.135	ug/l		99
71) Bromoform	10.781	173	28404	17.111	ug/l	#	99
73) Isopropylbenzene	10.945	105	178940	16.476	ug/l		99
74) N-amyl acetate	10.823	43	65397	16.879	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	46219	16.801	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	36879m	17.464	ug/l		
77) Bromobenzene	11.177	156	44892	16.733	ug/l		98
78) n-propylbenzene	11.287	91	211474	16.475	ug/l		98
79) 2-Chlorotoluene	11.348	91	128712	16.701	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	150072	16.857	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	11094	18.181	ug/l	#	75
82) 4-Chlorotoluene	11.433	91	150230	16.582	ug/l		97
83) tert-Butylbenzene	11.695	119	150796	16.638	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	151444	17.180	ug/l		100
85) sec-Butylbenzene	11.872	105	186114	16.480	ug/l		99
86) p-Isopropyltoluene	11.988	119	157528	16.500	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	82684	16.138	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	84248	16.145	ug/l		97
89) n-Butylbenzene	12.311	91	144458	16.116	ug/l		100
90) Hexachloroethane	12.518	117	27141	16.178	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	78752	16.587	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8836	16.403	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	52916	16.151	ug/l		98
94) Hexachlorobutadiene	13.707	225	21557	15.686	ug/l		96
95) Naphthalene	13.756	128	135199	16.339	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47887	16.092	ug/l		97

Sample Results: **VX048419.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

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

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

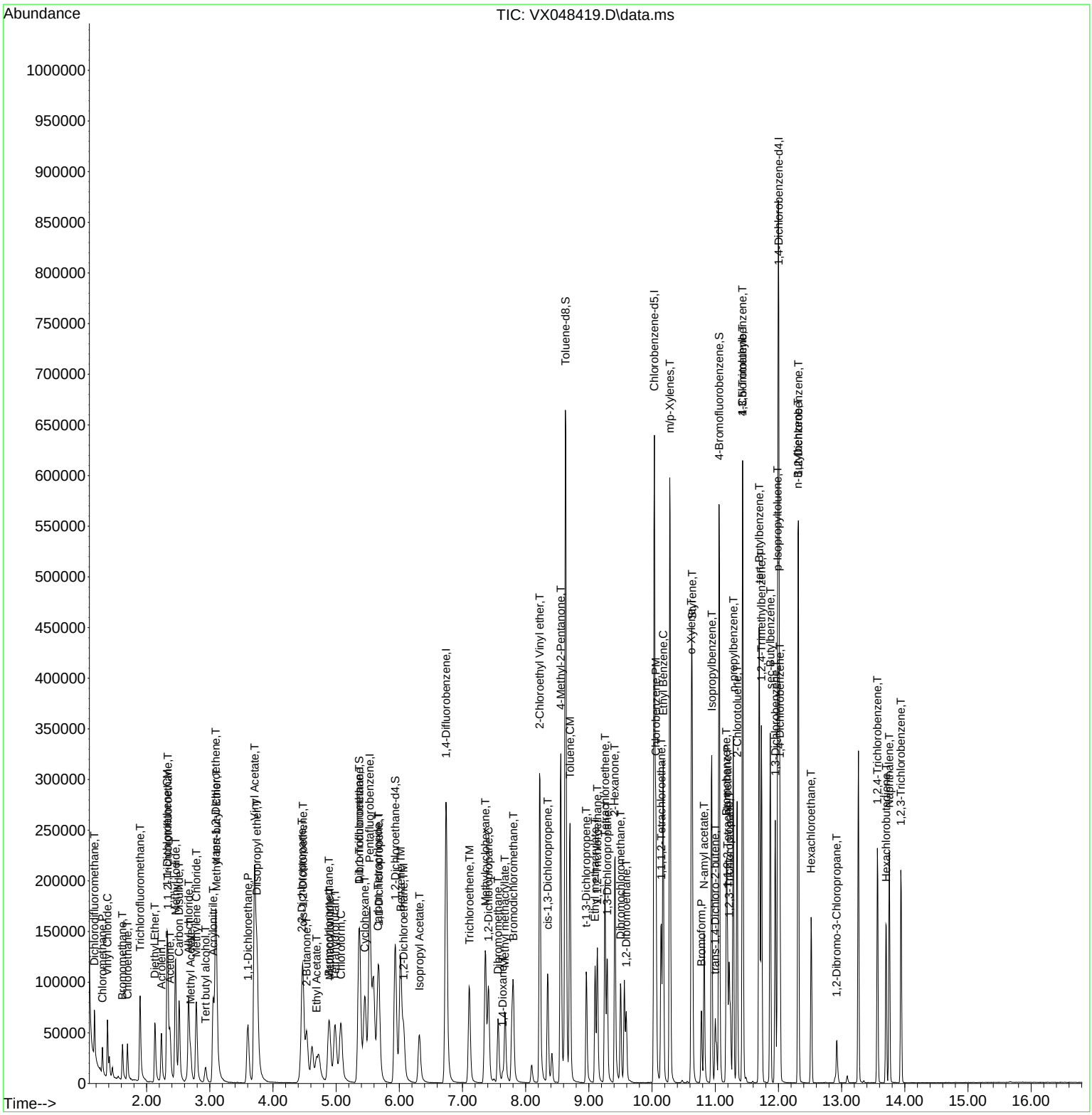
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



Raw Data: **VX048420.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	
Project:	AEC-2025-0013-CSC 4133 Goshen	Date Received:	
Client Sample ID:	VX1031WBSD01	SDG No.:	Q3508
Lab Sample ID:	VX1031WBSD01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.019		1	0.00015	0.0010	mg/L	10/31/25 11:00	VX103125
108-88-3	Toluene	0.019		1	0.00014	0.0010	mg/L	10/31/25 11:00	VX103125
100-41-4	Ethyl Benzene	0.019		1	0.00013	0.0010	mg/L	10/31/25 11:00	VX103125
179601-23-1	m/p-Xylenes	0.039		1	0.00024	0.0020	mg/L	10/31/25 11:00	VX103125
95-47-6	o-Xylene	0.019		1	0.00012	0.0010	mg/L	10/31/25 11:00	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.3			75 - 124	103%	SPK: 50		
2037-26-5	Toluene-d8	50.8			86 - 113	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.7			77 - 121	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	162000							
540-36-3	1,4-Difluorobenzene	275000							
3114-55-4	Chlorobenzene-d5	245000							
3855-82-1	1,4-Dichlorobenzene-d4	121000							

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\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	161570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	274506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121990	52.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.367	113	80296	51.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.629	98	351196	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.061	95	131002	50.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	30494	18.503	ug/l	94
3) Chloromethane	1.301	50	18075	19.438	ug/l	99
4) Vinyl Chloride	1.380	62	39077	18.193	ug/l	100
5) Bromomethane	1.618	94	16402	21.139	ug/l	98
6) Chloroethane	1.697	64	22762	17.819	ug/l	91
7) Trichlorofluoromethane	1.898	101	60662	18.430	ug/l	96
8) Diethyl Ether	2.136	74	22272	18.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	35418	19.130	ug/l	98
10) Methyl Iodide	2.459	142	130875	17.579	ug/l	97
11) Tert butyl alcohol	2.928	59	17091	96.005	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34874	18.544	ug/l	88
13) Acrolein	2.233	56	40216	108.227	ug/l	100
14) Allyl chloride	2.666	41	58158	18.261	ug/l	98
15) Acrylonitrile	3.056	53	78697	97.173	ug/l	100
16) Acetone	2.374	43	50483	95.859	ug/l	99
17) Carbon Disulfide	2.514	76	100451	18.629	ug/l	100
18) Methyl Acetate	2.697	43	31095	17.654	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	113952	18.922	ug/l	98
20) Methylene Chloride	2.788	84	38121	18.778	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	37222	18.634	ug/l	98
22) Diisopropyl ether	3.745	45	128250	19.674	ug/l	95
23) Vinyl Acetate	3.709	43	460094	103.684	ug/l	99
24) 1,1-Dichloroethane	3.605	63	69497	18.786	ug/l	99
25) 2-Butanone	4.532	43	83531	99.287	ug/l	94
26) 2,2-Dichloropropane	4.465	77	58530	18.375	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	44255	18.563	ug/l	99
28) Bromochloromethane	4.879	49	26393	15.742	ug/l	95
29) Tetrahydrofuran	4.983	42	58365	97.415	ug/l	97
30) Chloroform	5.080	83	73125	19.215	ug/l	98
31) Cyclohexane	5.452	56	61751	19.230	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	63488	18.897	ug/l	99
36) 1,1-Dichloropropene	5.678	75	47270	17.986	ug/l	97
37) Ethyl Acetate	4.690	43	42420	18.944	ug/l	98
38) Carbon Tetrachloride	5.660	117	55695	18.354	ug/l	99
39) Methylcyclohexane	7.361	83	62928	18.619	ug/l	95
40) Benzene	6.019	78	153418	19.108	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	22417	19.875	ug/l		97
42) 1,2-Dichloroethane	6.068	62	53231	18.822	ug/l		97
43) Isopropyl Acetate	6.318	43	71782	19.417	ug/l		98
44) Trichloroethene	7.104	130	39096	18.585	ug/l		98
45) 1,2-Dichloropropane	7.409	63	37882	18.892	ug/l		98
46) Dibromomethane	7.562	93	26542	18.908	ug/l		95
47) Bromodichloromethane	7.806	83	56538	18.956	ug/l		98
48) Methyl methacrylate	7.671	41	35618	19.757	ug/l		97
49) 1,4-Dioxane	7.641	88	7982	389.529	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	202059	98.209	ug/l		97
52) Toluene	8.702	92	96172	19.169	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	54733	20.246	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	58436	20.063	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	35108	19.337	ug/l		98
56) Ethyl methacrylate	9.098	69	51530	19.383	ug/l		98
57) 1,3-Dichloropropane	9.293	76	61570	19.558	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	122433	83.740	ug/l		98
59) 2-Hexanone	9.409	43	134368	100.370	ug/l		99
60) Dibromochloromethane	9.500	129	43745	19.481	ug/l		100
61) 1,2-Dibromoethane	9.592	107	37461	19.944	ug/l		97
64) Tetrachloroethene	9.257	164	37371	18.968	ug/l		98
65) Chlorobenzene	10.061	112	106960	18.978	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	37289	19.450	ug/l		99
67) Ethyl Benzene	10.177	91	181307	19.106	ug/l		98
68) m/p-Xylenes	10.281	106	138523	38.553	ug/l		99
69) o-Xylene	10.622	106	66164	19.270	ug/l		97
70) Styrene	10.634	104	114200	19.634	ug/l		99
71) Bromoform	10.781	173	27189	19.605	ug/l	#	99
73) Isopropylbenzene	10.945	105	172095	19.231	ug/l		100
74) N-amyl acetate	10.823	43	62496	19.576	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	43694	19.276	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	35410m	20.351	ug/l		
77) Bromobenzene	11.183	156	41905	18.957	ug/l		99
78) n-propylbenzene	11.287	91	204552	19.340	ug/l		99
79) 2-Chlorotoluene	11.348	91	122479	19.287	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	144041	19.636	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	10132	20.151	ug/l	#	74
82) 4-Chlorotoluene	11.433	91	143821	19.265	ug/l		98
83) tert-Butylbenzene	11.695	119	141153	18.901	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	145275	20.001	ug/l		100
85) sec-Butylbenzene	11.872	105	181081	19.460	ug/l		99
86) p-Isopropyltoluene	11.988	119	153473	19.509	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79392	18.806	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	80329	18.682	ug/l		98
89) n-Butylbenzene	12.311	91	142581	19.304	ug/l		100
90) Hexachloroethane	12.518	117	26530	19.192	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	75072	19.189	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	8511	19.175	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	50772	18.807	ug/l		99
94) Hexachlorobutadiene	13.707	225	21954	19.388	ug/l		96
95) Naphthalene	13.756	128	131415	19.275	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47353	19.311	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

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

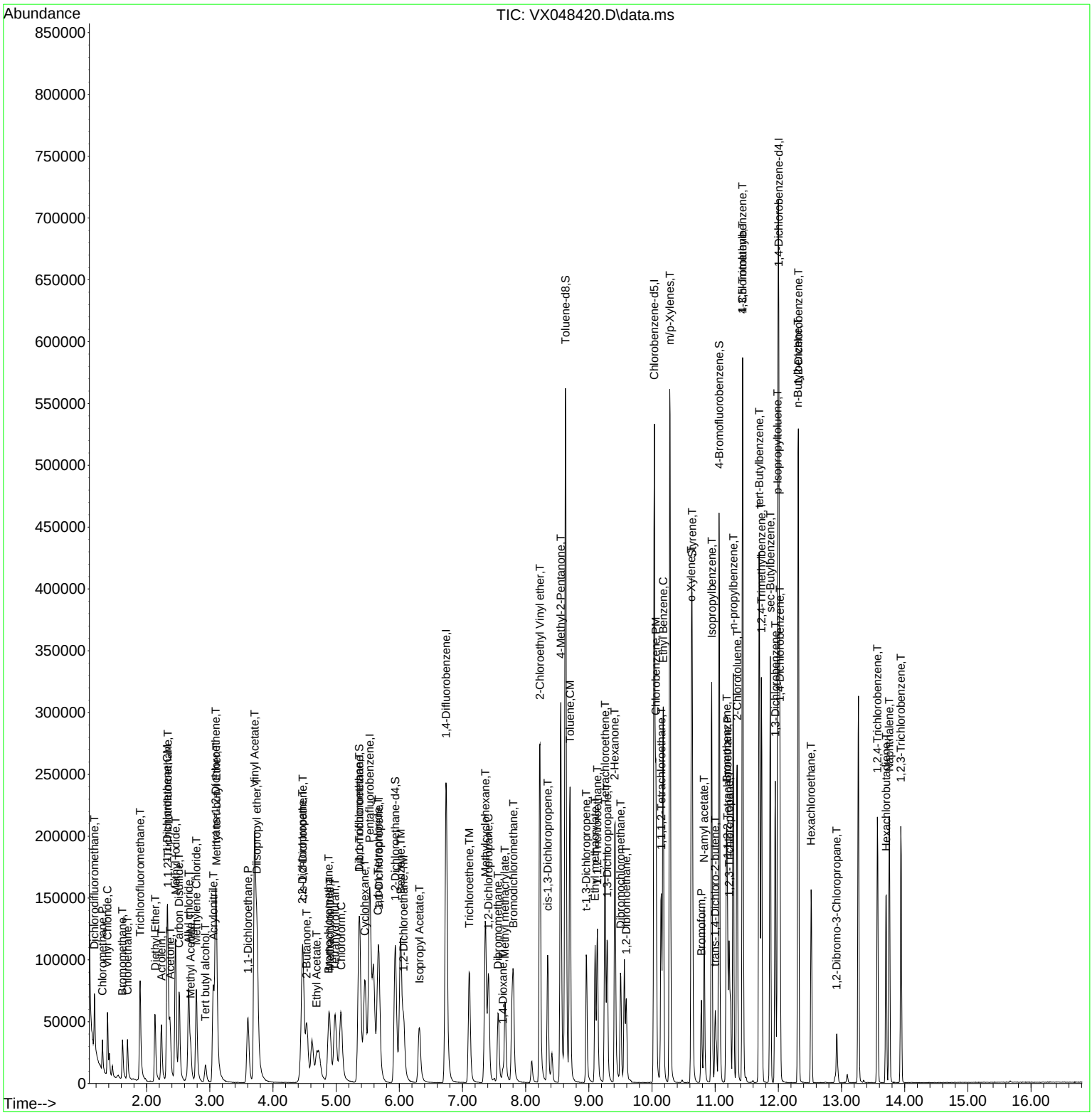
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



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

Manual Integration Report

Sequence:	VX102925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048407.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC001	VX048407.D	1,4-Dichlorobenzene	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC001	VX048407.D	Ethyl Acetate	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC005	VX048408.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:43 PM	MMDadoda	10/30/2025 2:06:28 PM	Peak Integrated by Software
VSTDICC020	VX048409.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:47 PM	MMDadoda	10/30/2025 2:06:32 PM	Peak Integrated by Software
VSTDICCC050	VX048410.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:21 PM	MMDadoda	10/30/2025 2:06:35 PM	Peak Integrated by Software
VSTDICC100	VX048411.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:25 PM	MMDadoda	10/30/2025 2:06:39 PM	Peak Integrated by Software
VSTDICC150	VX048412.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:30 PM	MMDadoda	10/30/2025 2:06:42 PM	Peak Integrated by Software
VSTDICV050	VX048414.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:04:18 PM	MMDadoda	10/30/2025 2:06:46 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX103125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048416.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:49:56 AM	MMDadoda	11/3/2025 10:57:08 AM	Peak Integrated by Software
VX1031WBS01	VX048419.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:00 AM	MMDadoda	11/3/2025 10:57:11 AM	Peak Integrated by Software
VX1031WBSD01	VX048420.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:05 AM	MMDadoda	11/3/2025 10:57:16 AM	Peak Integrated by Software
VSTDCCC050	VX048443.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:16 AM	sam	11/3/2025 11:01:35 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102925

Review By	Amit Patel	Review On	10/30/2025 2:04:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/30/2025 2:06:52 PM		
SubDirectory	VX102925	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135960
Initial Calibration Stds	VP135996,VP135997,VP135998,VP135999,VP136000,VP136001
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135002
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048403.D	29 Oct 2025 08:39	JC/MD	Ok
2	VSTDCCC050	VX048404.D	29 Oct 2025 10:02	JC/MD	Ok
3	IBLK	VX048405.D	29 Oct 2025 10:31	JC/MD	Ok
4	IBLK	VX048406.D	29 Oct 2025 10:51	JC/MD	Ok
5	VSTDICC001	VX048407.D	29 Oct 2025 11:12	JC/MD	Ok,M
6	VSTDICC005	VX048408.D	29 Oct 2025 11:41	JC/MD	Ok,M
7	VSTDICC020	VX048409.D	29 Oct 2025 12:01	JC/MD	Ok,M
8	VSTDICCC050	VX048410.D	29 Oct 2025 12:22	JC/MD	Ok,M
9	VSTDICC100	VX048411.D	29 Oct 2025 12:43	JC/MD	Ok,M
10	VSTDICC150	VX048412.D	29 Oct 2025 13:03	JC/MD	Ok,M
11	IBLK	VX048413.D	29 Oct 2025 13:24	JC/MD	Ok
12	VSTDICV050	VX048414.D	29 Oct 2025 14:27	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048415.D	31 Oct 2025 08:06	JC/MD	Ok
2	VSTDCCC050	VX048416.D	31 Oct 2025 09:18	JC/MD	Ok,M
3	VX1031MBL01	VX048417.D	31 Oct 2025 09:46	JC/MD	Ok
4	VX1031WBL01	VX048418.D	31 Oct 2025 10:06	JC/MD	Ok
5	VX1031WBS01	VX048419.D	31 Oct 2025 10:34	JC/MD	Ok,M
6	VX1031WBSD01	VX048420.D	31 Oct 2025 11:00	JC/MD	Ok,M
7	Q3480-02	VX048421.D	31 Oct 2025 11:21	JC/MD	Ok,M
8	Q3500-02	VX048422.D	31 Oct 2025 11:41	JC/MD	Not Ok
9	Q3500-03	VX048423.D	31 Oct 2025 12:02	JC/MD	Not Ok
10	Q3500-05	VX048424.D	31 Oct 2025 12:23	JC/MD	Not Ok
11	Q3494-01	VX048425.D	31 Oct 2025 12:43	JC/MD	Ok
12	Q3494-02	VX048426.D	31 Oct 2025 13:04	JC/MD	Not Ok
13	Q3495-04	VX048427.D	31 Oct 2025 13:25	JC/MD	ReRun
14	Q3495-03	VX048428.D	31 Oct 2025 13:46	JC/MD	ReRun
15	Q3505-06	VX048429.D	31 Oct 2025 14:06	JC/MD	Ok
16	Q3505-05	VX048430.D	31 Oct 2025 14:27	JC/MD	ReRun
17	Q3505-04	VX048431.D	31 Oct 2025 14:48	JC/MD	Not Ok
18	IBLK	VX048432.D	31 Oct 2025 15:08	JC/MD	Ok
19	Q3506-01	VX048433.D	31 Oct 2025 15:29	JC/MD	Ok
20	Q3506-02	VX048434.D	31 Oct 2025 15:50	JC/MD	ReRun
21	Q3506-03	VX048435.D	31 Oct 2025 16:10	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3506-04	VX048436.D	31 Oct 2025 16:31	JC/MD	Ok
23	Q3507-02	VX048437.D	31 Oct 2025 16:52	JC/MD	Ok
24	Q3508-02	VX048438.D	31 Oct 2025 17:12	JC/MD	Ok
25	Q3507-01	VX048439.D	31 Oct 2025 17:33	JC/MD	Ok
26	Q3508-01	VX048440.D	31 Oct 2025 17:54	JC/MD	Ok
27	Q3510-01	VX048441.D	31 Oct 2025 18:14	JC/MD	ReRun
28	Q3511-01	VX048442.D	31 Oct 2025 18:35	JC/MD	ReRun
29	VSTDCCC050	VX048443.D	31 Oct 2025 18:56	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102925

Review By	Amit Patel	Review On	10/30/2025 2:04:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/30/2025 2:06:52 PM		
SubDirectory	VX102925	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135960
Initial Calibration Stds	VP135996,VP135997,VP135998,VP135999,VP136000,VP136001
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135002
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048403.D	29 Oct 2025 08:39		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048404.D	29 Oct 2025 10:02		JC/MD	Ok
3	IBLK	IBLK	VX048405.D	29 Oct 2025 10:31		JC/MD	Ok
4	IBLK	IBLK	VX048406.D	29 Oct 2025 10:51		JC/MD	Ok
5	VSTDICC001	VSTDICC001	VX048407.D	29 Oct 2025 11:12	LR-58	JC/MD	Ok,M
6	VSTDICC005	VSTDICC005	VX048408.D	29 Oct 2025 11:41		JC/MD	Ok,M
7	VSTDICC020	VSTDICC020	VX048409.D	29 Oct 2025 12:01		JC/MD	Ok,M
8	VSTDICCC050	VSTDICCC050	VX048410.D	29 Oct 2025 12:22		JC/MD	Ok,M
9	VSTDICC100	VSTDICC100	VX048411.D	29 Oct 2025 12:43		JC/MD	Ok,M
10	VSTDICC150	VSTDICC150	VX048412.D	29 Oct 2025 13:03		JC/MD	Ok,M
11	IBLK	IBLK	VX048413.D	29 Oct 2025 13:24		JC/MD	Ok
12	VSTDICV050	ICVVX102925	VX048414.D	29 Oct 2025 14:27		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
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	VX048415.D	31 Oct 2025 08:06		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048416.D	31 Oct 2025 09:18	pH#lot#v14222	JC/MD	Ok,M
3	VX1031MBL01	VX1031MBL01	VX048417.D	31 Oct 2025 09:46		JC/MD	Ok
4	VX1031WBL01	VX1031WBL01	VX048418.D	31 Oct 2025 10:06		JC/MD	Ok
5	VX1031WBS01	VX1031WBS01	VX048419.D	31 Oct 2025 10:34	BS Failed Low For Com.#87,88	JC/MD	Ok,M
6	VX1031WBSD01	VX1031WBSD01	VX048420.D	31 Oct 2025 11:00	vial B pH#5.0	JC/MD	Ok,M
7	Q3480-02	RT3449	VX048421.D	31 Oct 2025 11:21	vial B pH#5.0	JC/MD	Ok,M
8	Q3500-02	462	VX048422.D	31 Oct 2025 11:41	vial A pH<2.0 ,Need Straight Run	JC/MD	Not Ok
9	Q3500-03	463	VX048423.D	31 Oct 2025 12:02	vial A pH<2.0 Need Straight Run	JC/MD	Not Ok
10	Q3500-05	461-LIQUID	VX048424.D	31 Oct 2025 12:23	vial A pH<2.0 ,Need Straight Run	JC/MD	Not Ok
11	Q3494-01	MW3	VX048425.D	31 Oct 2025 12:43	vial A pH<2.0	JC/MD	Ok
12	Q3494-02	Field	VX048426.D	31 Oct 2025 13:04	vial A pH<2.0 ,FB;hit of com.#16	JC/MD	Not Ok
13	Q3495-04	TB	VX048427.D	31 Oct 2025 13:25	vial A pH<2.0 ,TB;BS Failed Low	JC/MD	ReRun
14	Q3495-03	TW-1025-1	VX048428.D	31 Oct 2025 13:46	BS failed Low	JC/MD	ReRun
15	Q3505-06	10-17-25-WATER	VX048429.D	31 Oct 2025 14:06		JC/MD	Ok
16	Q3505-05	10-16-25-WATER	VX048430.D	31 Oct 2025 14:27	Surrogate fail	JC/MD	ReRun
17	Q3505-04	10-10-25-WATER	VX048431.D	31 Oct 2025 14:48	Need Straight Run	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048432.D	31 Oct 2025 15:08		JC/MD	Ok
19	Q3506-01	STORAGE-BLANK-SO	VX048433.D	31 Oct 2025 15:29		JC/MD	Ok
20	Q3506-02	STORAGE-BLANK-WA	VX048434.D	31 Oct 2025 15:50	Surrogate fail	JC/MD	ReRun
21	Q3506-03	STORAGE-BLANK-WA	VX048435.D	31 Oct 2025 16:10	Surrogate fail	JC/MD	ReRun
22	Q3506-04	STORAGE-BLANK-SA	VX048436.D	31 Oct 2025 16:31		JC/MD	Ok
23	Q3507-02	TB	VX048437.D	31 Oct 2025 16:52	TB;Surrogate fail	JC/MD	Ok
24	Q3508-02	TB	VX048438.D	31 Oct 2025 17:12	TB;Surrogate fail	JC/MD	Ok
25	Q3507-01	SW-1	VX048439.D	31 Oct 2025 17:33		JC/MD	Ok
26	Q3508-01	SW-1	VX048440.D	31 Oct 2025 17:54		JC/MD	Ok
27	Q3510-01	OUTFALL-002	VX048441.D	31 Oct 2025 18:14	Surrogate fail	JC/MD	ReRun
28	Q3511-01	OUTFALL-001	VX048442.D	31 Oct 2025 18:35	Surrogate fail	JC/MD	ReRun
29	VSTDCCC050	VSTDCCC050EC	VX048443.D	31 Oct 2025 18:56		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. AEC-2025-0013
QUOTE NO. 23508
COC Number 2046883

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Durham School Services
ADDRESS: 25 Cannon Hill Drive
CITY Goshen STATE: NY ZIP:
ATTENTION: Staci.bruce@alliancetg.com
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: CSC 4133 Goshen
PROJECT NO.: AEC-2025-0013 LOCATION: Goshen
PROJECT MANAGER: Staci Bruce
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: dede.golding@alliancetg.com PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1	2	3	4	5	6	7	8	9
Oil & grease	COD	BTEX						

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								C	C	A							← Specify Preservatives
1.	SW-1	SW		X	10/30	1220	4	1	1	2							A-HCl D-NaOH
2.																	B-HN03 E-ICE
3.																	C-H2SO4 F-OTHER
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Greg Etter	10/30 1950	1. 0800 10-31-25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.5 °C
Comments:

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR 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.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3508 ATGG01
Client Name : ATG-GREENVILLE AEC
Client Contact : Staci Bruce
Invoice Name : ATG-GREENVILLE AEC
Invoice Contact : Staci Bruce

Order Date : 10/31/2025 11:36:00 AM
Project Name : AEC-2025-0013-CSC 4133
Receive DateTime : 10/31/2025 8:00:00 AM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3508-01	SW-1	Water	10/30/2025	12:20					
					VOC-BTEX		8260-Low		10 Bus. Days
Q3508-02	TB	Water	10/29/2025	08:00					
					VOC-BTEX		8260-Low		10 Bus. Days

Relinquished By :
Date / Time : 10-31-25 1203

Received By :
Date / Time : 10/31/25 1203
Storage Area : **VOA Refridgerator Room**