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

Cover Page

Order ID : Q2301

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

Client : ENTACT

Lab Sample Number	Client Sample Number
Q2301-01	WC-URBAN-FILL-G
Q2301-02	WC-URBAN-FILL-C
Q2301-03	WC-URBAN-FILL-C
Q2301-04	WC-URBAN-FILL-C

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

Signature : _____

Date: 6/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2301**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **06/17/2025**

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

LAB CHRONICLE

OrderID:	Q2301	**OrderDate:**	6/12/2025 12:08:00 PM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2301-01	**WC-URBAN-FILL-G**	**TCLP**			**06/11/25**			**06/11/25**
			TCLP VOA	8260D			06/13/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2301

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**WC-URBAN-FILL-G**							
Q2301-01	WC-URBAN-FILL-	TCLP	Benzene	0.0021	J	0.00015	0.0050	mg/L
Q2301-01	WC-URBAN-FILL-	TCLP	Trichloroethene	0.0010	J	0.000090	0.0050	mg/L
			Total Voc :	0.0031				
			Total Concentration:	0.0031				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2301

Client: ENTACT

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2301-01	WC-URBAN-FILL-G	1,2-Dichloroethane-d4	50	50.4	101	70 (74)	130 (125)
		Dibromofluoromethane	50	50.8	102	70 (75)	130 (124)
		Toluene-d8	50	54.3	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.0	100	70 (77)	130 (121)
VX0613WBL02	VX0613WBL02	1,2-Dichloroethane-d4	50	50.1	100	70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101	70 (75)	130 (124)
		Toluene-d8	50	54.0	108	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.2	102	70 (77)	130 (121)
VX0613WBS02	VX0613WBS02	1,2-Dichloroethane-d4	50	46.8	94	70 (74)	130 (125)
		Dibromofluoromethane	50	53.6	107	70 (75)	130 (124)
		Toluene-d8	50	53.0	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.2	110	70 (77)	130 (121)
VX0613WBSD0	VX0613WBSD02	1,2-Dichloroethane-d4	50	50.0	100	70 (74)	130 (125)
		Dibromofluoromethane	50	54.6	109	70 (75)	130 (124)
		Toluene-d8	50	52.9	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.5	111	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2301

Client: ENTACT

Analytical Method: SW8260D **Datafile :** VX046685.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0613WBS02	Vinyl chloride	20	16.0	ug/L	80			70 (65)	130 (117)	
	1,1-Dichloroethene	20	19.0	ug/L	95			70 (74)	130 (110)	
	2-Butanone	100	94.1	ug/L	94			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	Chloroform	20	20.5	ug/L	103			70 (79)	130 (113)	
	Benzene	20	20.6	ug/L	103			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.9	ug/L	100			70 (80)	130 (115)	
	Trichloroethene	20	20.1	ug/L	101			70 (77)	130 (113)	
	Tetrachloroethene	20	21.0	ug/L	105			70 (67)	130 (123)	
	Chlorobenzene	20	21.0	ug/L	105			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2301

Client: ENTACT

Analytical Method: SW8260D **Datafile :** VX046686.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0613WBSD02	Vinyl chloride	20	14.5	ug/L	73	9		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	16.3	ug/L	81	16		70 (74)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	16		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	20.1	ug/L	101	5		70 (77)	130 (113)	20 (15)
	Chloroform	20	21.6	ug/L	108	5		70 (79)	130 (113)	20 (20)
	Benzene	20	20.7	ug/L	104	1		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	21.3	ug/L	106	6		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.9	ug/L	100	1		70 (77)	130 (113)	20 (15)
	Tetrachloroethene	20	20.1	ug/L	101	4		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	21.3	ug/L	106	1		70 (82)	130 (109)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0613WBL02

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab File ID: VX046684.D Lab Sample ID: VX0613WBL02

Date Analyzed: 06/13/2025 Time Analyzed: 13:19

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
VX0613WBS02	VX0613WBS02	VX046685.D	06/13/2025
VX0613WBSD02	VX0613WBSD02	VX046686.D	06/13/2025
WC-URBAN-FILL-G	Q2301-01	VX046698.D	06/13/2025

COMMENTS:

Raw Data: **VX046516.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab File ID: VX046516.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:47

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	21
75	30.0 - 60.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (1) 1
174	50.0 - 100.0% of mass 95	65.2
175	5.0 - 9.0% of mass 174	5 (7.7) 1
176	95.0 - 101.0% of mass 174	62.7 (96.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046518.D	06/06/2025	09:42
VSTDICC020	VSTDICC020	VX046519.D	06/06/2025	10:18
VSTDICCC050	VSTDICCC050	VX046520.D	06/06/2025	10:40
VSTDICC100	VSTDICC100	VX046521.D	06/06/2025	11:02
VSTDICC150	VSTDICC150	VX046522.D	06/06/2025	11:25
VSTDICC001	VSTDICC001	VX046524.D	06/06/2025	12:57

Raw Data: **VX046681.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab File ID: VX046681.D BFB Injection Date: 06/13/2025

Instrument ID: MSVOA_X BFB Injection Time: 11:58

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	54.1
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	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	68.7
175	5.0 - 9.0% of mass 174	5.4 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (95.1) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046682.D	06/13/2025	12:30
VX0613WBL02	VX0613WBL02	VX046684.D	06/13/2025	13:19
VX0613WBS02	VX0613WBS02	VX046685.D	06/13/2025	13:45
VX0613WBSD02	VX0613WBSD02	VX046686.D	06/13/2025	14:09
WC-URBAN-FILL-G	Q2301-01	VX046698.D	06/13/2025	18:29

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab File ID: VX046682.D Date Analyzed: 06/13/2025

Instrument ID: MSVOA_X Time Analyzed: 12:30

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	65729	5.56	116296	6.76	106162	10.06
UPPER LIMIT	131458	6.056	232592	7.263	212324	10.555
LOWER LIMIT	32864.5	5.056	58148	6.263	53081	9.555
EPA SAMPLE NO.						
WC-URBAN-FILL-G	81744	5.57	146734	6.78	135324	10.06
VX0613WBL02	93820	5.57	167354	6.77	149855	10.06
VX0613WBS02	70456	5.56	119817	6.77	108883	10.06
VX0613WBSD02	65989	5.56	114290	6.77	103875	10.06

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab File ID: VX046682.D Date Analyzed: 06/13/2025

Instrument ID: MSVOA_X Time Analyzed: 12:30

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

	IS4 AREA #	RT #				
12 HOUR STD	55407	12.018				
UPPER LIMIT	110814	12.518				
LOWER LIMIT	27703.5	11.518				
EPA SAMPLE NO.						
WC-URBAN-FILL-G	66328	12.02				
VX0613WBL02	74343	12.02				
VX0613WBS02	57914	12.02				
VX0613WBSD02	55253	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VX046698.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	06/11/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/11/25
Client Sample ID:	WC-URBAN-FILL-G	SDG No.:	Q2301
Lab Sample ID:	Q2301-01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046698.D	1		06/13/25 18:29	VX061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.0021	J	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.0010	J	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	54.3		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	81700	5.568			
540-36-3	1,4-Difluorobenzene	147000	6.775			
3114-55-4	Chlorobenzene-d5	135000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	66300	12.018			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046698.D
Acq On : 13 Jun 2025 18:29
Operator : JC/MD
Sample : Q2301-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Quant Time: Jun 13 23:34:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

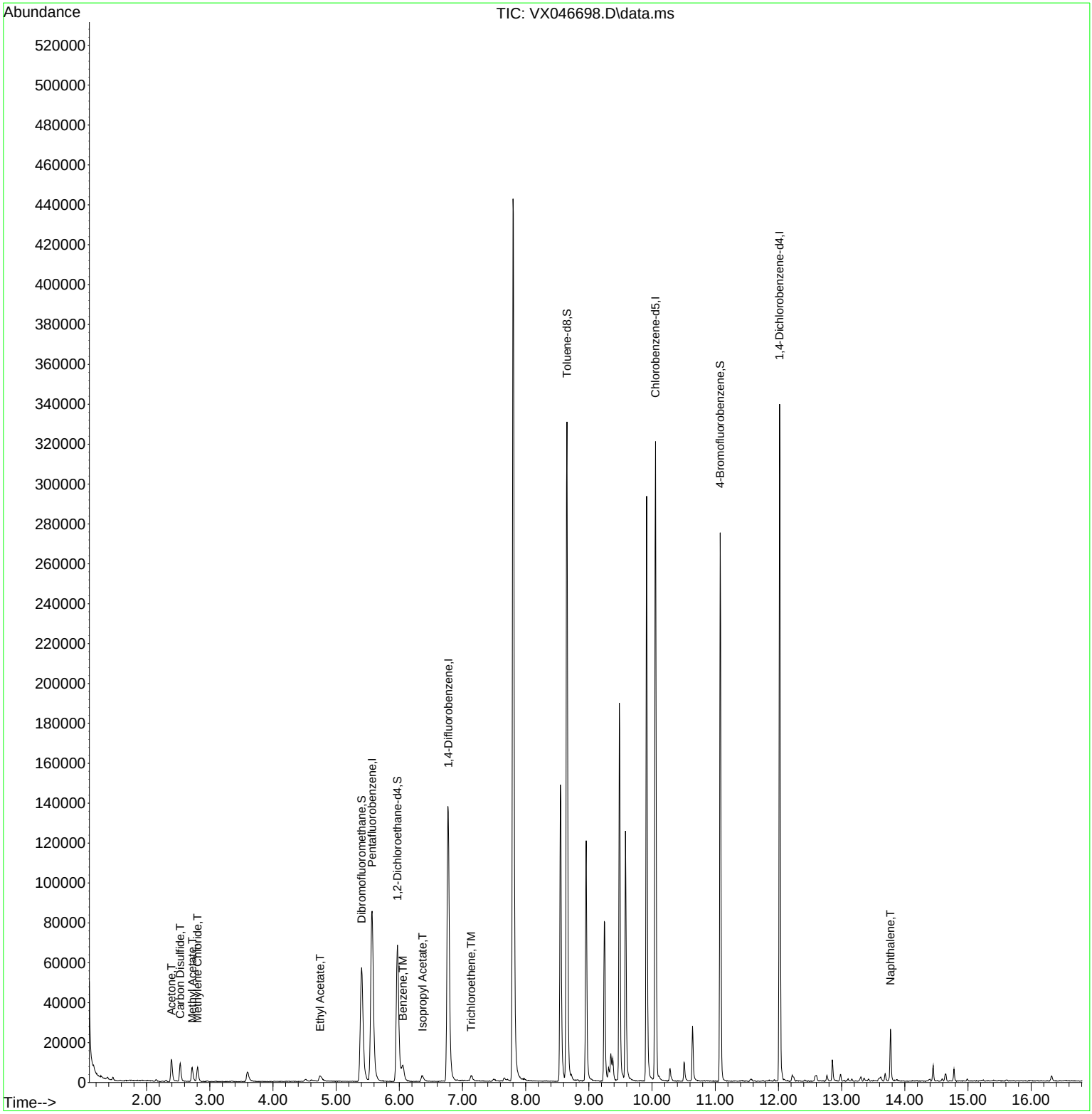
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	81744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	146734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	73346	50.434	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.860%			
35) Dibromofluoromethane	5.403	113	54802	50.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.653	98	193180	54.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.600%			
62) 4-Bromofluorobenzene	11.079	95	73646	50.034	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.060%			
Target Compounds						Qvalue
16) Acetone	2.392	43	14837	30.097	ug/l	90
17) Carbon Disulfide	2.532	76	12706	6.343	ug/l	98
18) Methyl Acetate	2.721	43	10230	5.906	ug/l	100
20) Methylene Chloride	2.806	84	3324	2.849	ug/l	89
37) Ethyl Acetate	4.745	43	5682	3.777	ug/l #	92
40) Benzene	6.056	78	9247	2.131	ug/l	96
43) Isopropyl Acetate	6.367	43	4978	1.898	ug/l	96
44) Trichloroethene	7.135	130	1121	1.017	ug/l	91
95) Naphthalene	13.774	128	16348	3.331	ug/l	100

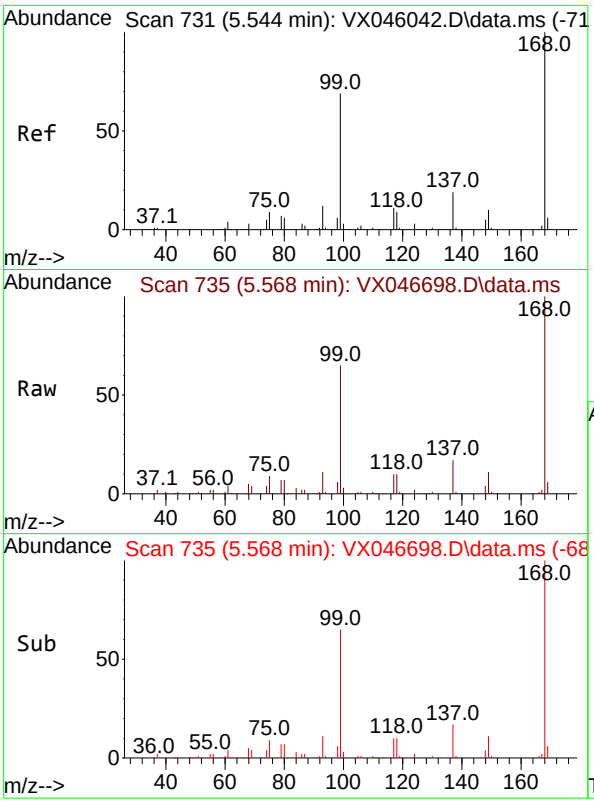
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046698.D
Acq On : 13 Jun 2025 18:29
Operator : JC/MD
Sample : Q2301-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Quant Time: Jun 13 23:34:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



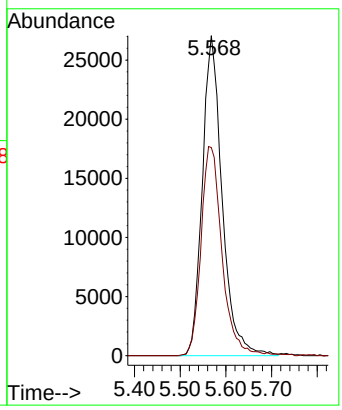


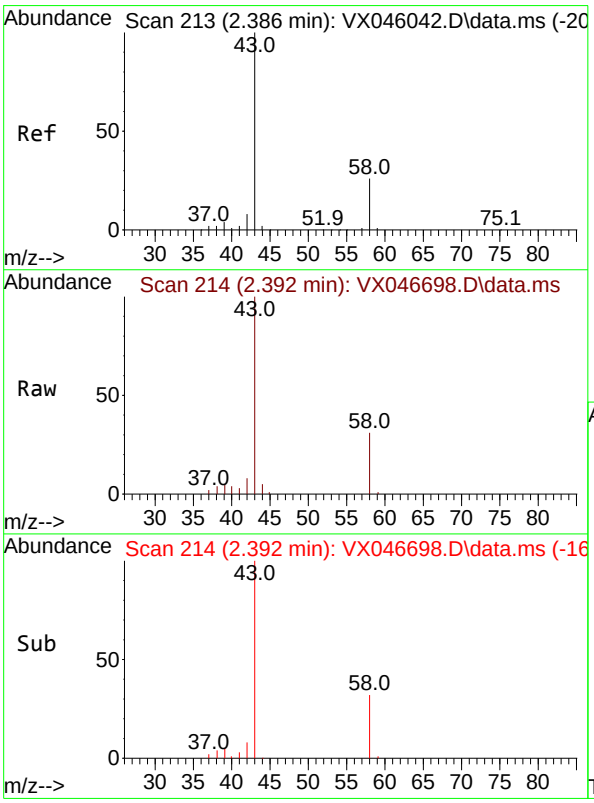
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion:168 Resp: 81744

Ion	Ratio	Lower	Upper
168	100		
99	65.0	54.9	82.3

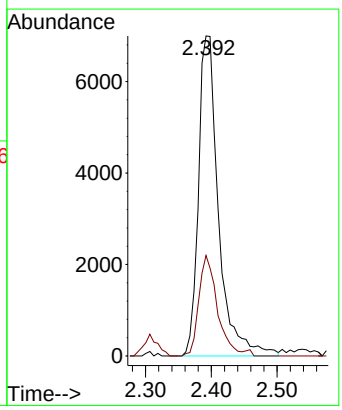


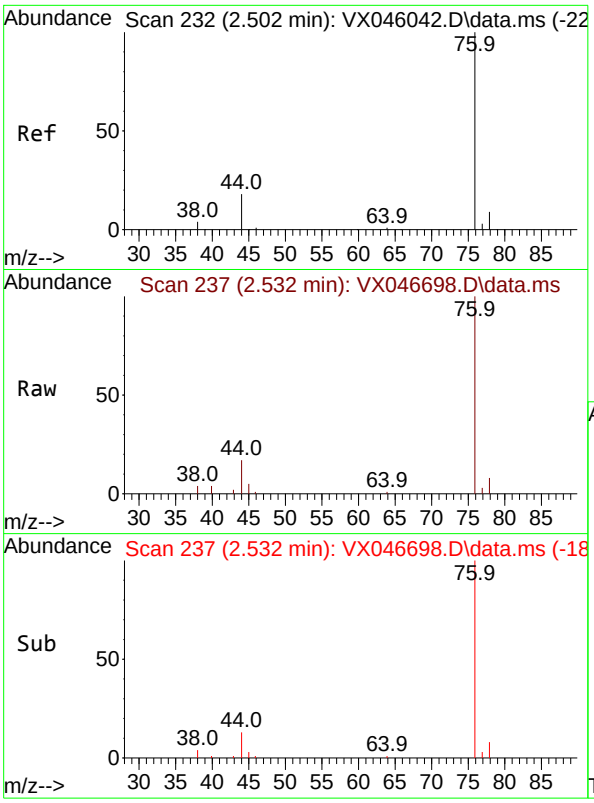


#16
Acetone
Concen: 30.097 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 43 Resp: 14837

Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.2	31.8



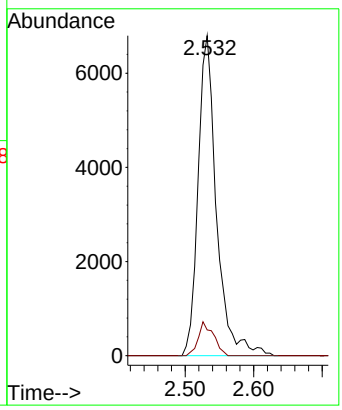


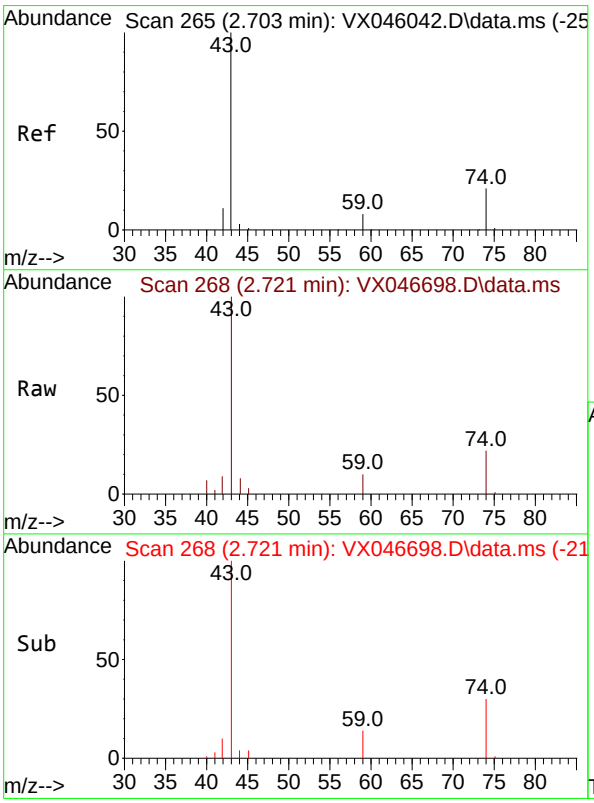
#17
Carbon Disulfide
Concen: 6.343 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion: 76 Resp: 12706

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.0	10.4

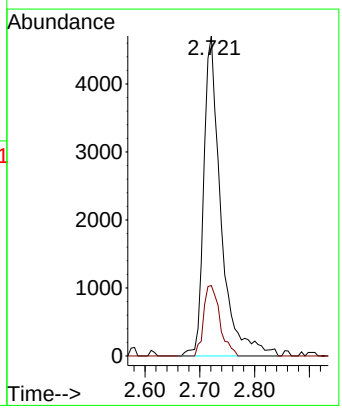


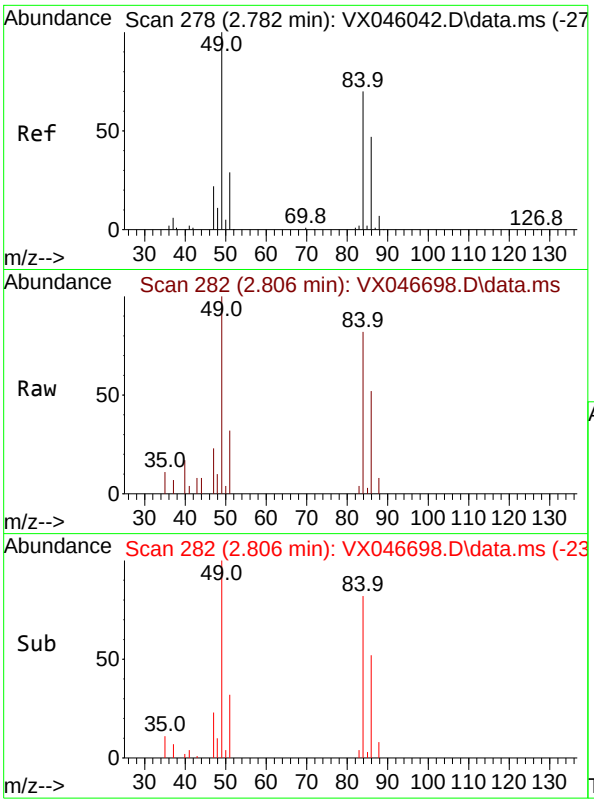


#18
Methyl Acetate
Concen: 5.906 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 43 Resp: 10230

Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1



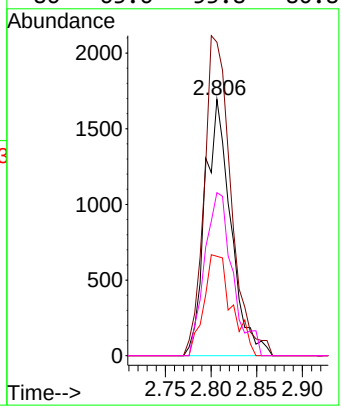


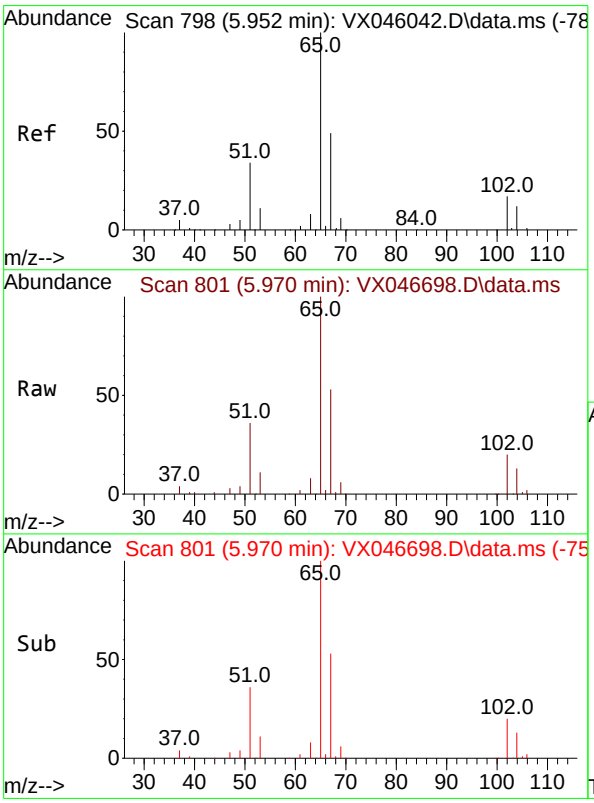
#20
Methylene Chloride
Concen: 2.849 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion: 84 Resp: 3324

Ion	Ratio	Lower	Upper
84	100		
49	122.3	113.9	170.9
51	38.8	33.5	50.3
86	63.6	53.8	80.8

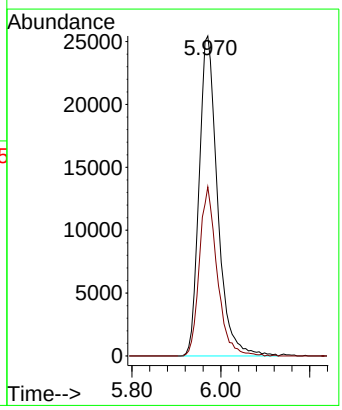


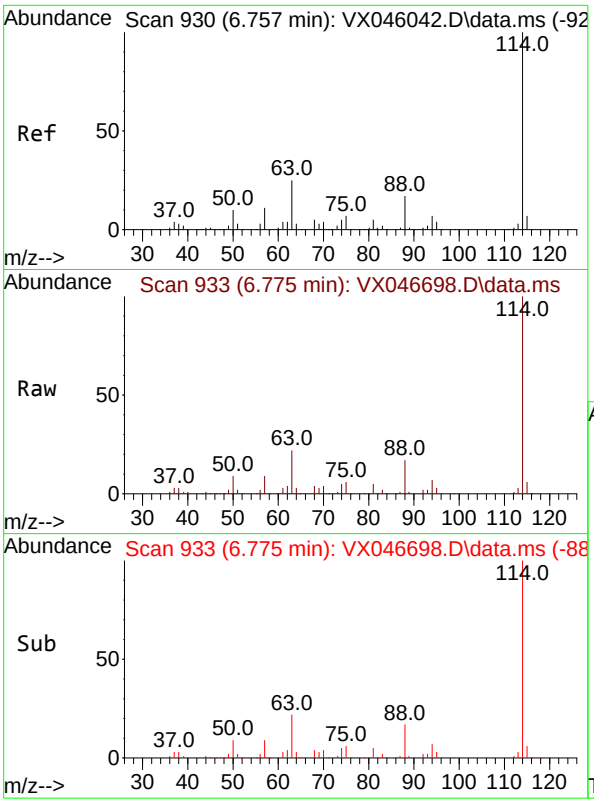


#33
1,2-Dichloroethane-d4
Concen: 50.434 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 65 Resp: 73346

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0



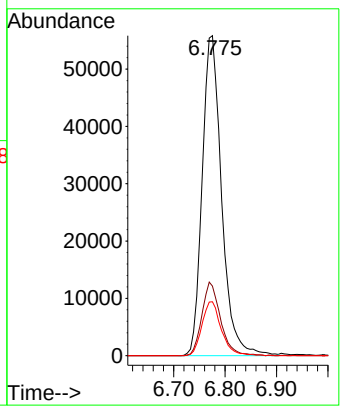


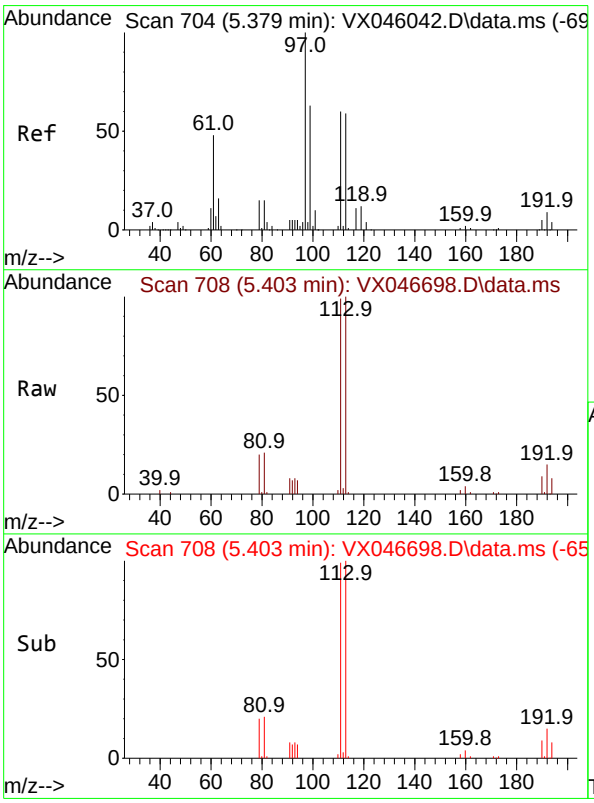
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion:114 Resp: 146734

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	49.2
88	16.8	0.0	33.6

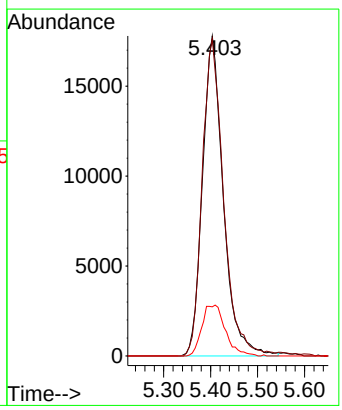


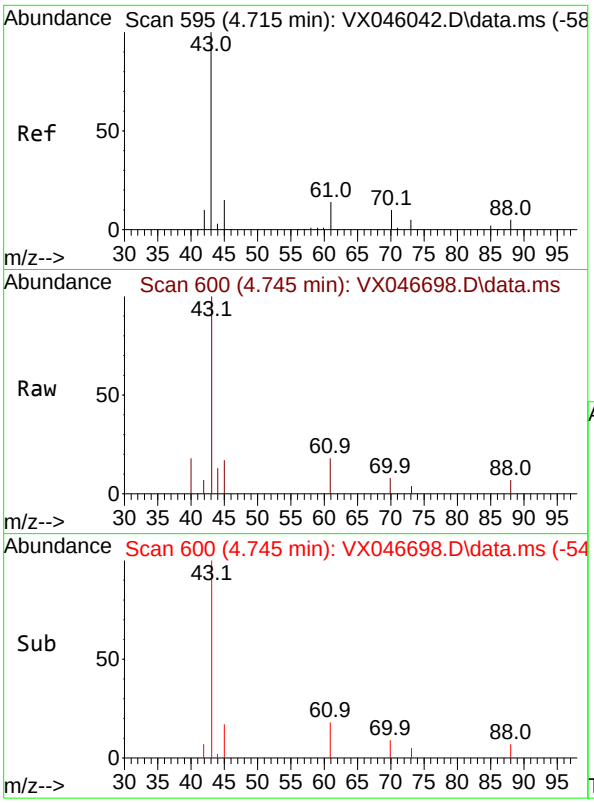


#35
Dibromofluoromethane
Concen: 50.786 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion:113 Resp: 54802

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.1	124.7
192	17.9	13.3	19.9



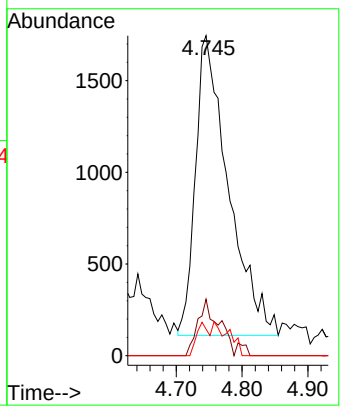


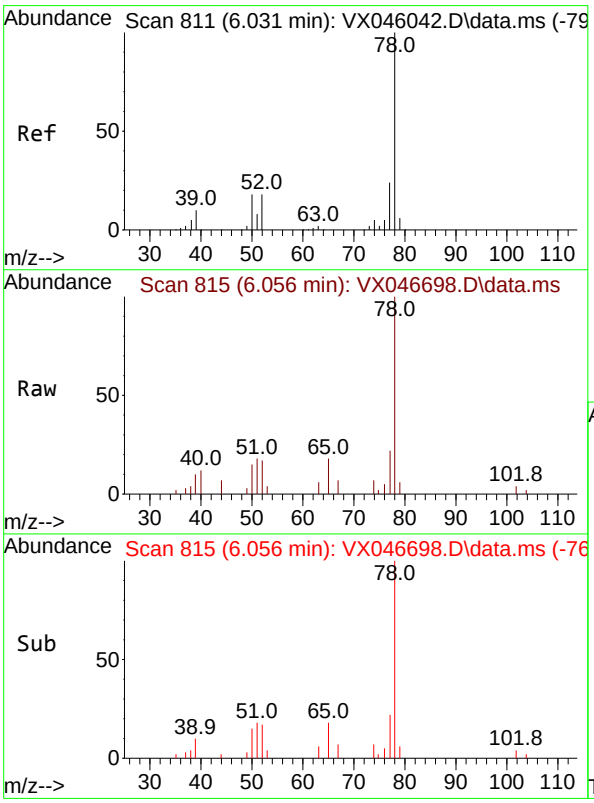
#37
Ethyl Acetate
Concen: 3.777 ug/l
RT: 4.745 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion: 43 Resp: 5682

Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.3	15.5
70	4.1	7.9	11.9#

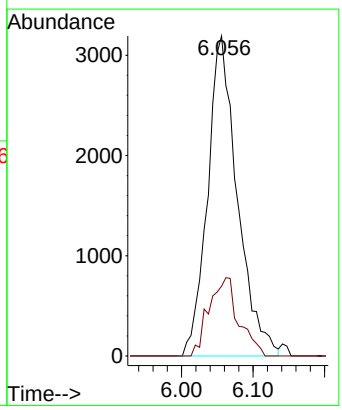


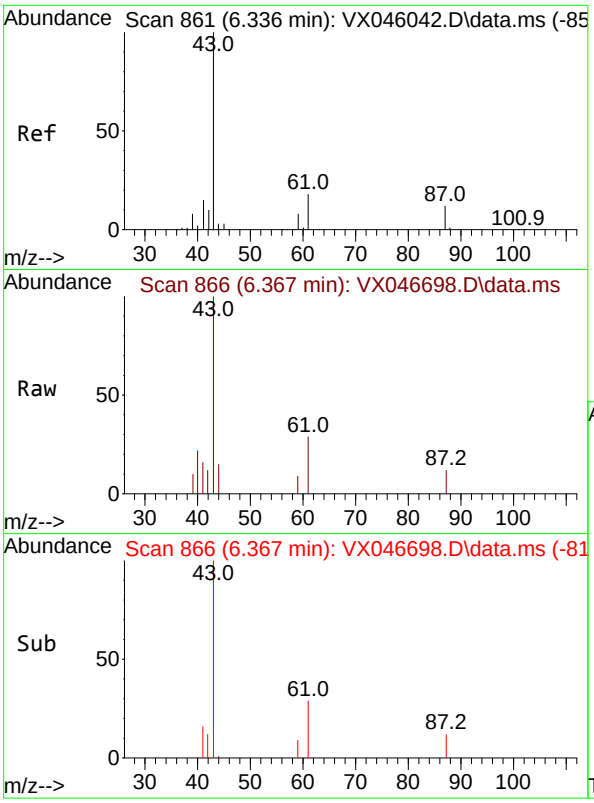


#40
Benzene
Concen: 2.131 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 78 Resp: 9247

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.0	28.4



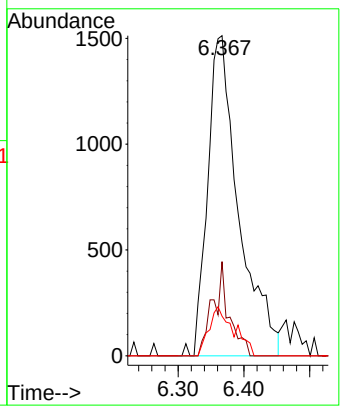


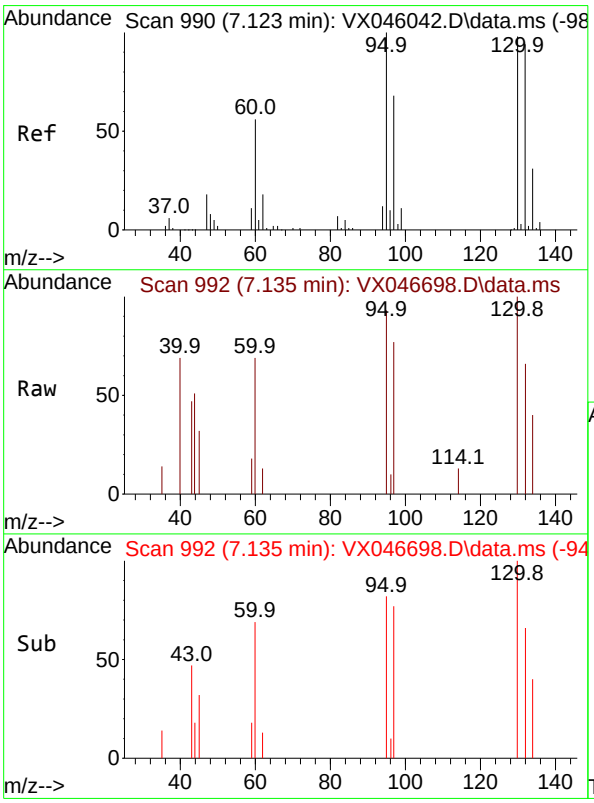
#43
Isopropyl Acetate
Concen: 1.898 ug/l
RT: 6.367 min Scan# 8
Delta R.T. 0.013 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion: 43 Resp: 4978

Ion	Ratio	Lower	Upper
43	100		
61	15.3	14.3	21.5
87	12.3	9.5	14.3

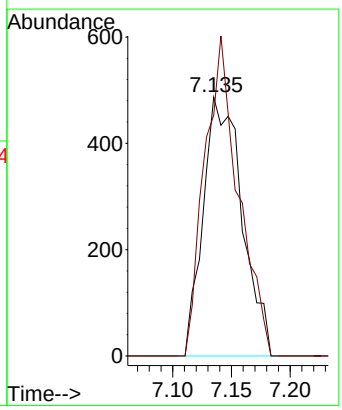


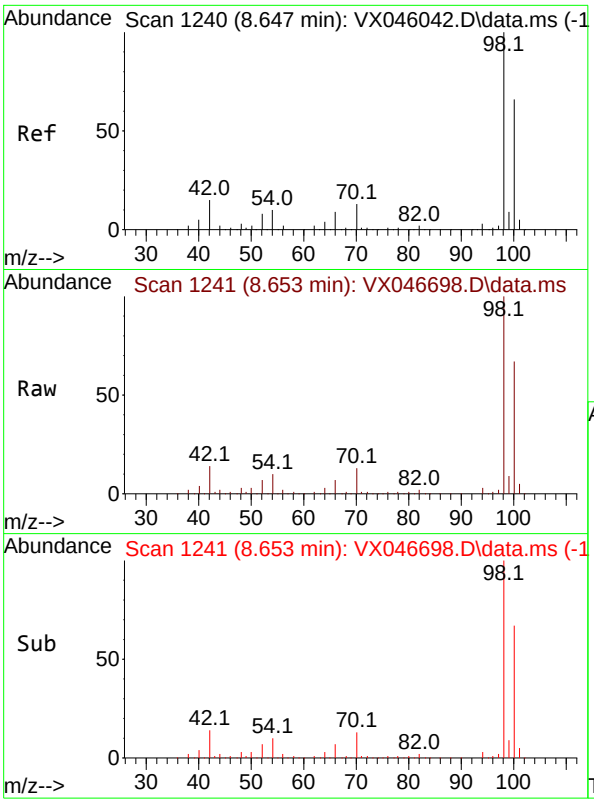


#44
Trichloroethene
Concen: 1.017 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion:130 Resp: 1121

Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	204.2



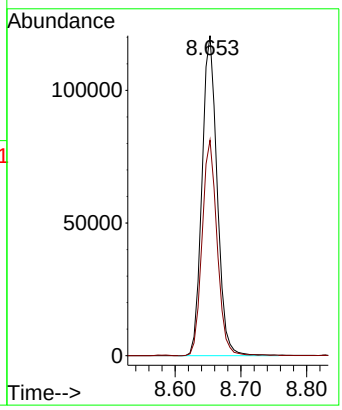


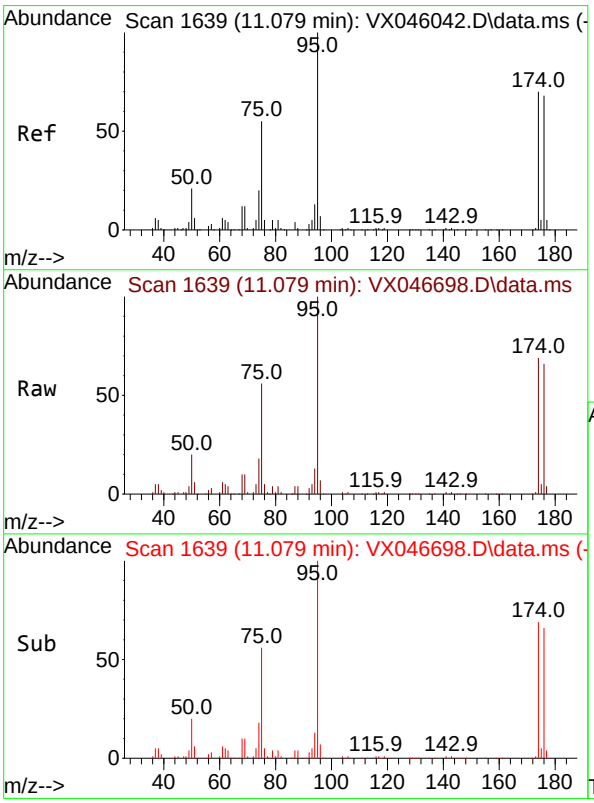
#50
Toluene-d8
Concen: 54.301 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion: 98 Resp: 193180

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3

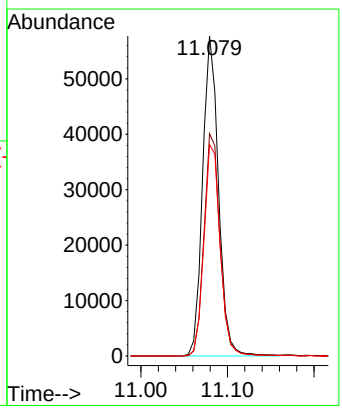


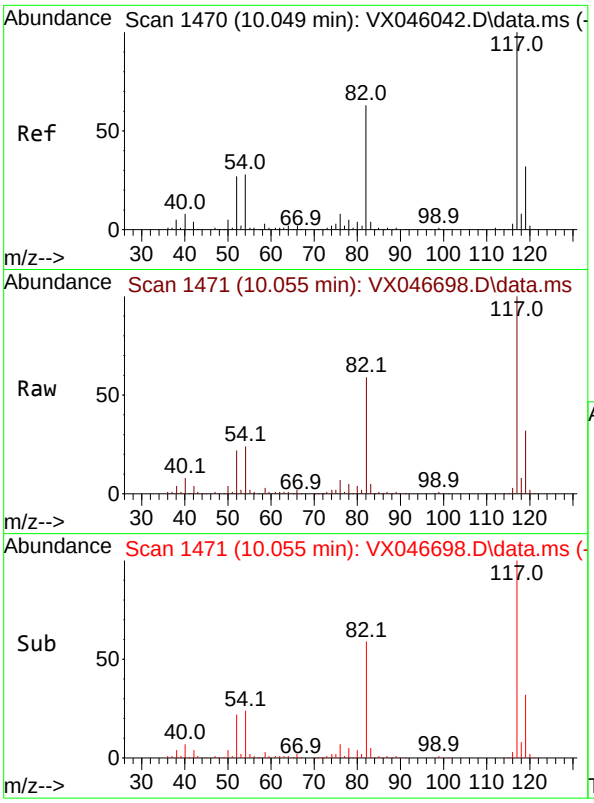


#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 95 Resp: 73646

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	135.8
176	67.7	0.0	131.4



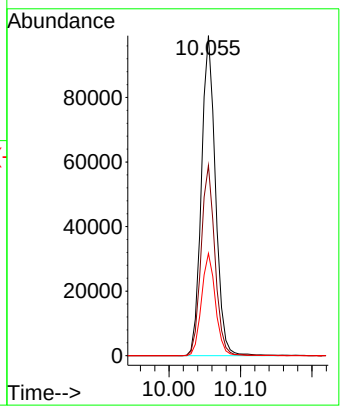


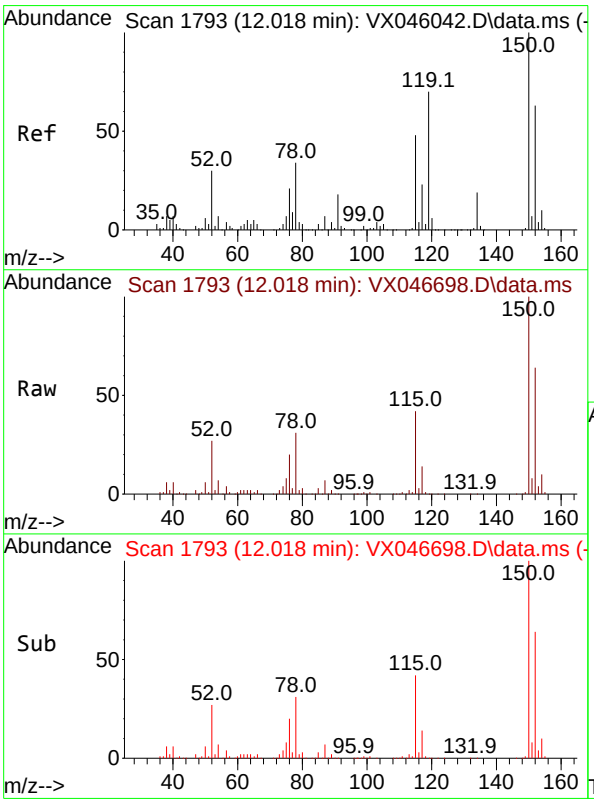
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion:117 Resp: 135324

Ion	Ratio	Lower	Upper
117	100		
82	59.5	50.6	76.0
119	31.9	25.8	38.6

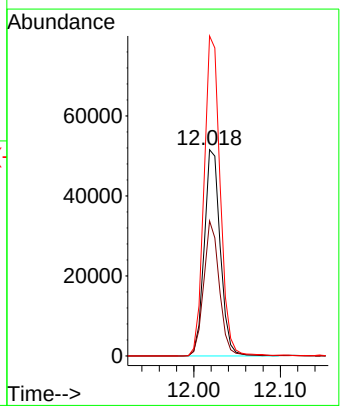


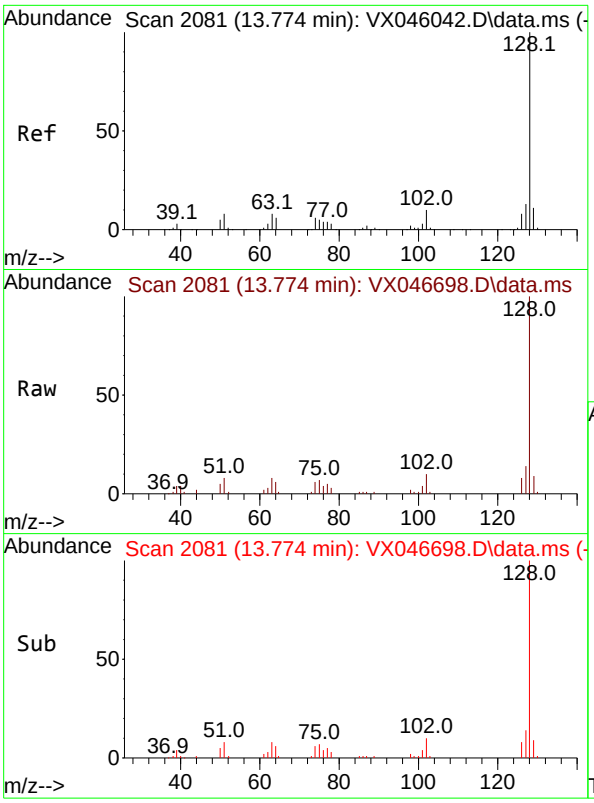


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion:152 Resp: 66328

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	155.8	0.0	351.0



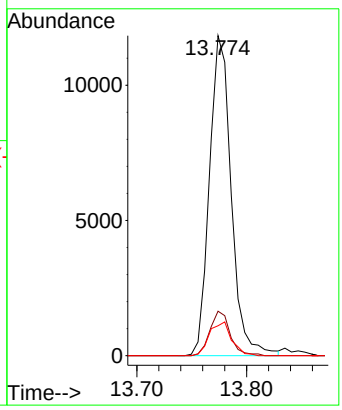


#95
Naphthalene
Concen: 3.331 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion:128 Resp: 16348

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	13.0



CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG No.: Q2301

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

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:57

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

LAB FILE ID: RRF005 = VX046518.D RRF020 = VX046519.D RRF050 = VX046520.D
RRF100 = VX046521.D RRF150 = VX046522.D RRF001 = VX046524.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.697	0.593	0.596	0.591	0.622	0.679	0.630	7.5
1,1-Dichloroethene	0.663	0.550	0.567	0.561	0.585	0.635	0.594	7.6
2-Butanone	0.459	0.469	0.503	0.511	0.544	0.484	0.495	6.3
Carbon Tetrachloride	0.599	0.579	0.564	0.554	0.579	0.655	0.588	6.1
Chloroform	1.392	1.356	1.318	1.290	1.349	1.349	1.342	2.6
Benzene	1.597	1.503	1.427	1.380	1.442	1.522	1.479	5.3
1,2-Dichloroethane	0.646	0.641	0.610	0.586	0.602	0.606	0.615	3.8
Trichloroethene	0.385	0.356	0.351	0.332	0.354	0.476	0.376	13.8
Tetrachloroethene	0.347	0.324	0.310	0.301	0.314	0.410	0.334	12.1
Chlorobenzene	1.187	1.152	1.126	1.096	1.139	1.356	1.176	7.9
1,2-Dichloroethane-d4	0.997	0.848	0.873	0.828	0.900		0.890	7.4
Dibromofluoromethane	0.392	0.353	0.368	0.347	0.379		0.368	5
Toluene-d8	1.362	1.159	1.188	1.132	1.220		1.212	7.4
4-Bromofluorobenzene	0.564	0.482	0.493	0.468	0.501		0.502	7.4

* 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 : 82X060625W.M
Title : SW846 8260
Last Update : Fri Jun 06 16:56:12 2025
Response Via : Initial Calibration

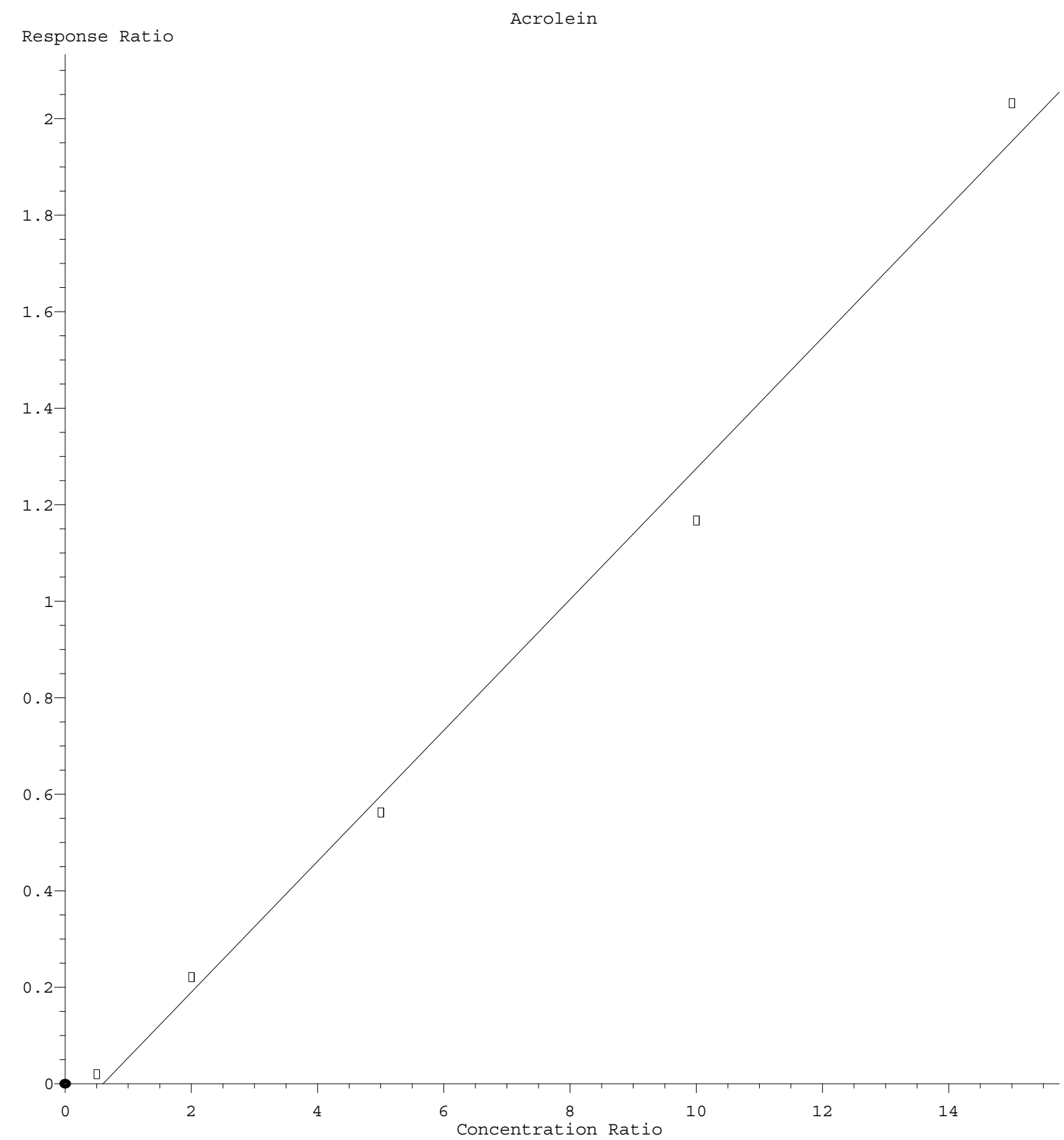
Calibration Files
1 =VX046524.D 5 =VX046518.D 20 =VX046519.D 50 =VX046520.D 100 =VX046521.D 150 =VX046522.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.838	0.740	0.653	0.645	0.635	0.654	0.694	11.52
3)	P	Chloromethane	0.713	0.737	0.586	0.573	0.568	0.614	0.632	11.76
4)	C	Vinyl Chloride	0.679	0.697	0.593	0.596	0.591	0.622	0.630	7.46#
5)	T	Bromomethane		0.592	0.429	0.398	0.256	0.237	0.382	37.77
6)	T	Chloroethane	0.509	0.456	0.384	0.373	0.357	0.373	0.409	14.73
7)	T	Trichlorofluor...	1.019	1.136	1.055	1.021	0.988	1.034	1.042	4.89
8)	T	Diethyl Ether	0.412	0.368	0.355	0.356	0.349	0.368	0.368	6.23
9)	T	1,1,2-Trichlor...	0.697	0.699	0.651	0.638	0.616	0.639	0.657	5.19
10)	T	Methyl Iodide		0.653	0.664	0.716	0.744	0.782	0.712	7.65
11)	T	Tert butyl alc...		0.087	0.090	0.098	0.104	0.114	0.099	10.94
12)	CM	1,1-Dichloroet...	0.635	0.663	0.550	0.567	0.561	0.585	0.594	7.64#
13)	T	Acrolein		0.040	0.110	0.112	0.117	0.135	0.103	35.72
14)	T	Allyl chloride	1.283	1.198	1.115	1.130	1.138	1.131	1.166	5.52
15)	T	Acrylonitrile	0.342	0.367	0.368	0.379	0.381	0.403	0.373	5.42
16)	T	Acetone	0.566	0.347	0.334	0.340	0.341	0.360	0.381	23.86
17)	T	Carbon Disulfide	2.313	1.618	1.229	1.218	1.220	1.288	1.481	29.41
18)	T	Methyl Acetate	0.883	0.870	1.082	1.130	1.155	1.237	1.060	14.20
19)	T	Methyl tert-bu...	1.873	2.038	2.050	2.115	2.131	2.256	2.077	6.11
20)	T	Methylene Chlo...	0.868	0.752	0.676	0.662	0.646	0.678	0.714	11.77
21)	T	trans-1,2-Dich...	0.785	0.661	0.580	0.582	0.567	0.594	0.628	13.34
22)	T	Diisopropyl ether	2.017	2.338	2.344	2.343	2.319	2.429	2.298	6.22
23)	T	Vinyl Acetate	1.639	1.727	1.682	1.828	1.831	1.940	1.775	6.31
24)	P	1,1-Dichloroet...	1.281	1.349	1.266	1.259	1.234	1.297	1.281	3.09
25)	T	2-Butanone	0.484	0.459	0.469	0.503	0.511	0.544	0.495	6.28
26)	T	2,2-Dichloropr...	0.900	0.931	0.919	0.966	0.968	1.022	0.951	4.61
27)	T	cis-1,2-Dichlo...	0.866	0.786	0.752	0.741	0.728	0.767	0.773	6.43
28)	T	Bromochloromet...	0.650	0.652	0.592	0.590	0.594	0.589	0.611	5.04
29)	T	Tetrahydrofuran	0.306	0.301	0.291	0.316	0.320	0.342	0.313	5.64
30)	C	Chloroform	1.349	1.392	1.356	1.318	1.290	1.349	1.342	2.59#
31)	T	Cyclohexane		1.172	1.012	0.995	0.974	1.018	1.034	7.64
32)	T	1,1,1-Trichlor...	1.131	1.170	1.131	1.141	1.128	1.188	1.148	2.17
33)	S	1,2-Dichloroet...		0.997	0.848	0.873	0.828	0.900	0.890	7.42
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.392	0.353	0.368	0.347	0.379	0.368	5.01
36)	T	1,1-Dichloropr...	0.660	0.554	0.506	0.485	0.461	0.485	0.525	13.89
37)	T	Ethyl Acetate	0.355	0.483	0.522	0.554	0.566	0.596	0.513	16.84
38)	T	Carbon Tetrach...	0.655	0.599	0.579	0.564	0.554	0.579	0.588	6.09
39)	T	Methylcyclohexane	0.725	0.696	0.576	0.572	0.565	0.587	0.620	11.41
40)	TM	Benzene	1.522	1.597	1.503	1.427	1.380	1.442	1.479	5.25
41)	T	Methacrylonitrile	0.279	0.310	0.335	0.323	0.320	0.344	0.318	7.09
42)	TM	1,2-Dichloroet...	0.606	0.646	0.641	0.610	0.586	0.602	0.615	3.80
43)	T	Isopropyl Acetate	0.772	0.842	0.887	0.923	0.935	1.002	0.894	8.92
44)	TM	Trichloroethene	0.476	0.385	0.356	0.351	0.332	0.354	0.376	13.85
45)	C	1,2-Dichloropr...	0.359	0.393	0.396	0.381	0.370	0.390	0.382	3.84#
46)	T	Dibromomethane	0.291	0.308	0.286	0.279	0.272	0.286	0.287	4.22
47)	T	Bromodichlorom...	0.534	0.580	0.617	0.603	0.589	0.618	0.590	5.32
48)	T	Methyl methacr...	0.395	0.423	0.454	0.481	0.490	0.517	0.460	9.79
49)	T	1,4-Dioxane	0.004	0.006	0.007	0.006	0.007	0.007	0.006	14.38
50)	S	Toluene-d8		1.362	1.159	1.188	1.132	1.220	1.212	7.42
51)	T	4-Methyl-2-Pen...	0.492	0.548	0.583	0.593	0.582	0.609	0.568	7.47
52)	CM	Toluene	0.938	0.980	0.911	0.884	0.849	0.888	0.908	5.04#
53)	T	t-1,3-Dichloro...	0.480	0.469	0.524	0.542	0.559	0.601	0.529	9.38
54)	T	cis-1,3-Dichlo...	0.567	0.567	0.580	0.590	0.595	0.633	0.589	4.15
55)	T	1,1,2-Trichlor...	0.331	0.375	0.389	0.366	0.356	0.372	0.365	5.41
56)	T	Ethyl methacry...	0.456	0.536	0.566	0.583	0.594	0.632	0.561	10.79

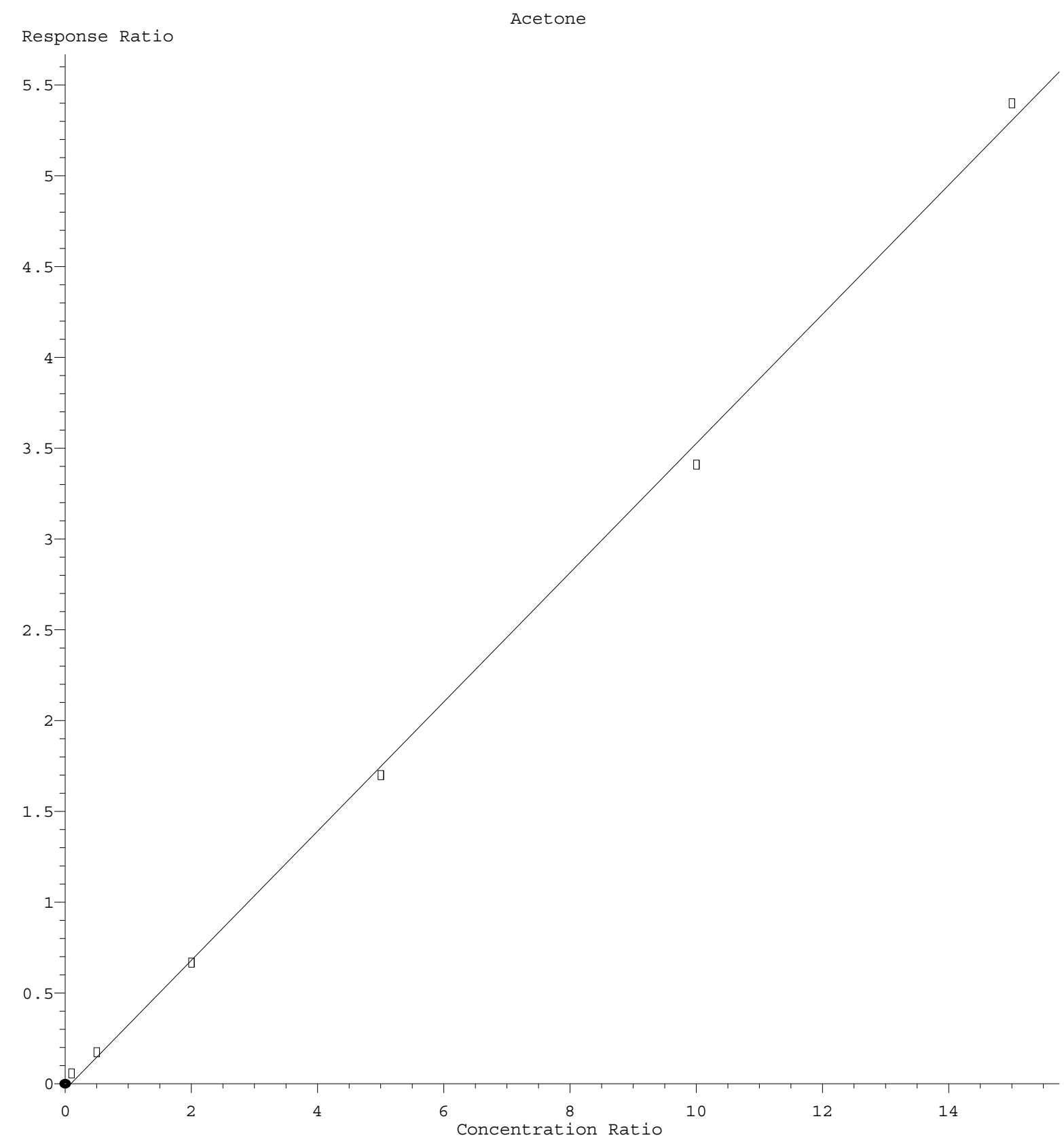
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X060625W.M

57)	T	1,3-Dichloropr...	0.653	0.664	0.666	0.636	0.612	0.637	0.644	3.15
58)	T	2-Chloroethyl ...	0.278	0.301	0.302	0.316	0.312	0.326	0.306	5.46
59)	T	2-Hexanone	0.368	0.376	0.416	0.426	0.419	0.438	0.407	6.99
60)	T	Dibromochlorom...	0.405	0.431	0.438	0.432	0.422	0.447	0.429	3.35
61)	T	1,2-Dibromoethane	0.420	0.367	0.380	0.370	0.365	0.378	0.380	5.37
62)	S	4-Bromofluorob...		0.564	0.482	0.493	0.468	0.501	0.502	7.36
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.410	0.347	0.324	0.310	0.301	0.314	0.334	12.07
65)	PM	Chlorobenzene	1.356	1.187	1.152	1.126	1.096	1.139	1.176	7.91
66)	T	1,1,1,2-Tetrac...	0.362	0.394	0.401	0.403	0.404	0.420	0.397	4.87
67)	C	Ethyl Benzene	2.166	2.093	2.029	2.018	1.971	2.041	2.053	3.30#
68)	T	m/p-Xylenes	0.773	0.756	0.750	0.737	0.714	0.738	0.745	2.67
69)	T	o-Xylene	0.719	0.728	0.731	0.716	0.703	0.724	0.720	1.42
70)	T	Styrene	1.209	1.205	1.257	1.257	1.213	1.257	1.233	2.15
71)	P	Bromoform	0.286	0.269	0.300	0.311	0.317	0.335	0.303	7.76
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.896	3.936	3.949	3.909	3.828	4.064	3.930	1.98
74)	T	N-amyl acetate	1.424	1.613	1.673	1.803	1.854	2.019	1.731	11.98
75)	P	1,1,2,2-Tetrac...	1.148	1.294	1.294	1.257	1.249	1.306	1.258	4.65
76)	T	1,2,3-Trichlor...	1.091	1.022	1.076	1.049	1.025	1.092	1.059	2.97
77)	T	Bromobenzene	0.958	0.904	0.925	0.881	0.878	0.928	0.912	3.36
78)	T	n-propylbenzene	5.051	4.659	4.775	4.693	4.553	4.813	4.757	3.58
79)	T	2-Chlorotoluene	3.087	2.885	2.870	2.786	2.721	2.866	2.869	4.31
80)	T	1,3,5-Trimethy...	3.322	3.329	3.297	3.243	3.147	3.314	3.275	2.14
81)	T	trans-1,4-Dich...		0.274	0.352	0.370	0.398	0.442	0.367	16.86
82)	T	4-Chlorotoluene	3.872	3.390	3.342	3.293	3.177	3.329	3.400	7.12
83)	T	tert-Butylbenzene	3.284	3.341	3.364	3.287	3.248	3.482	3.334	2.50
84)	T	1,2,4-Trimethy...	3.406	3.309	3.360	3.256	3.194	3.356	3.313	2.34
85)	T	sec-Butylbenzene	4.458	4.350	4.296	4.172	4.096	4.334	4.284	3.04
86)	T	p-Isopropyltol...	3.910	3.509	3.554	3.484	3.397	3.575	3.572	4.96
87)	T	1,3-Dichlorobe...	2.105	1.745	1.714	1.684	1.642	1.740	1.772	9.46
88)	T	1,4-Dichlorobe...	2.421	1.804	1.736	1.675	1.627	1.752	1.836	15.98
89)	T	n-Butylbenzene	4.197	3.319	3.378	3.354	3.310	3.487	3.507	9.80
90)	T	Hexachloroethane	0.682	0.599	0.602	0.610	0.633	0.683	0.635	6.11
91)	T	1,2-Dichlorobe...	1.908	1.730	1.693	1.639	1.595	1.695	1.710	6.32
92)	T	1,2-Dibromo-3-...	0.238	0.250	0.272	0.285	0.309	0.337	0.282	13.06
93)	T	1,2,4-Trichlor...	1.513	1.038	1.085	1.077	1.093	1.194	1.167	15.22
94)	T	Hexachlorobuta...	0.695	0.526	0.508	0.501	0.497	0.525	0.542	14.01
95)	T	Naphthalene	3.783	3.138	3.527	3.726	3.816	4.205	3.699	9.53
96)	T	1,2,3-Trichlor...	1.500	1.042	1.078	1.092	1.108	1.198	1.170	14.55

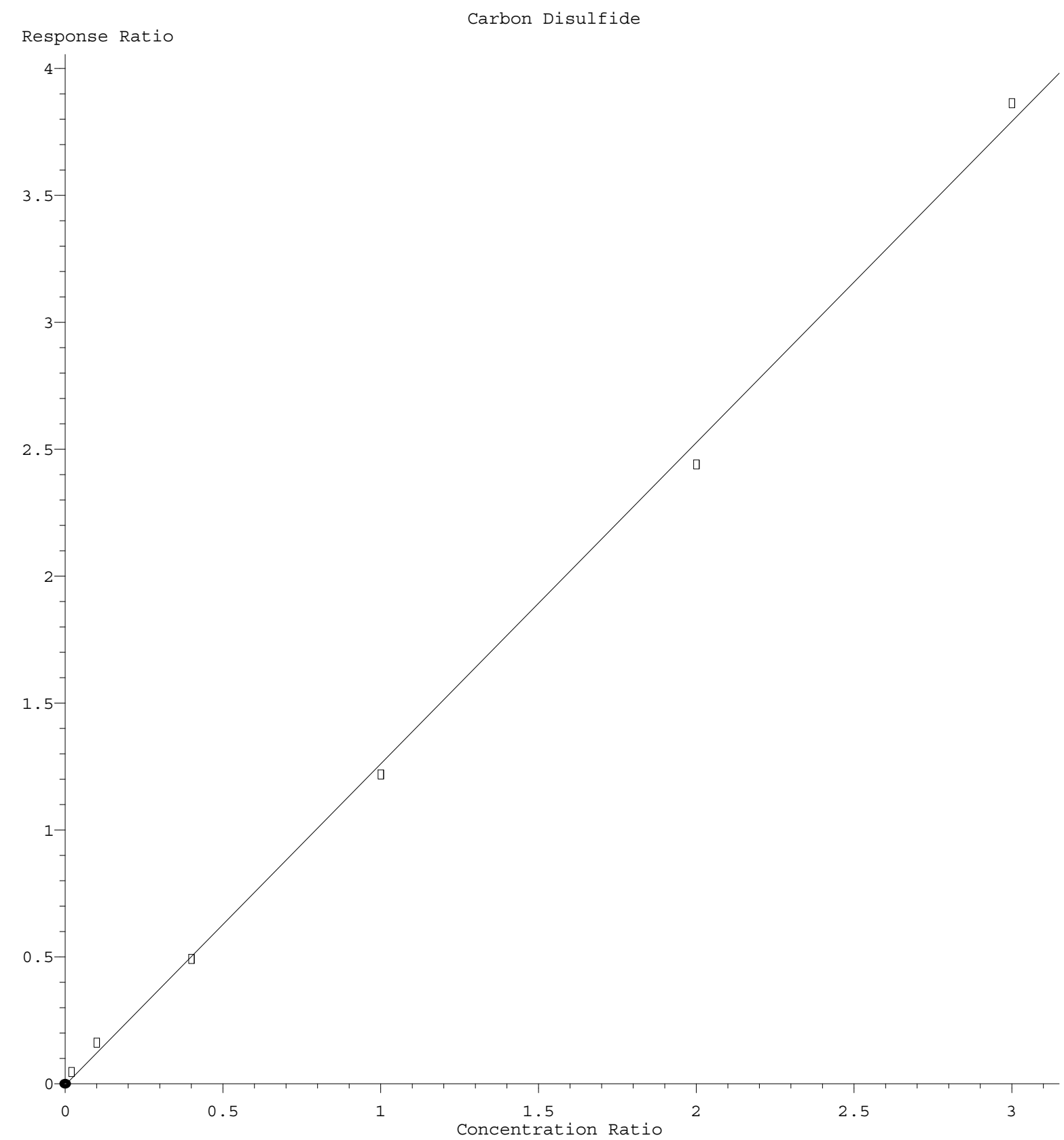
(#) = Out of Range



Response = 1.357e-001 * Amt - 8.141e-002
Coef of Det (r^2) = 0.992061 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X060625W.M
Calibration Table Last Updated: Fri Jun 06 16:56:12 2025



Response = 3.559e-001 * Amt - 3.270e-002
Coef of Det (r^2) = 0.998736 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X060625W.M
Calibration Table Last Updated: Fri Jun 06 16:56:12 2025



Response = 1.266e+000 * Amt - 5.124e-003
Coef of Det (r^2) = 0.998532 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X060625W.M
Calibration Table Last Updated: Fri Jun 06 16:56:12 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046518.D
Acq On : 06 Jun 2025 09:42
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 16:40:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	104428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181356	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	164496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10415	5.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.220%#		
35) Dibromofluoromethane	5.391	113	7110	5.331	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.660%#		
50) Toluene-d8	8.653	98	24704	5.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.240%#		
62) 4-Bromofluorobenzene	11.079	95	10224	5.620	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	11.240%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	7726	5.329	ug/l	99
3) Chloromethane	1.307	50	7698	5.833	ug/l	99
4) Vinyl Chloride	1.386	62	7283	5.536	ug/l	92
5) Bromomethane	1.618	94	6181	7.740	ug/l	89
6) Chloroethane	1.697	64	4764	5.582	ug/l	98
7) Trichlorofluoromethane	1.904	101	11861	5.450	ug/l	97
8) Diethyl Ether	2.148	74	3843	4.997	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	7299	5.323	ug/l	98
10) Methyl Iodide	2.465	142	6815	4.585	ug/l	96
11) Tert butyl alcohol	2.971	59	4565	22.143	ug/l	97
12) 1,1-Dichloroethene	2.331	96	6923	5.584	ug/l	92
13) Acrolein	2.246	56	2067	37.301	ug/l	95
14) Allyl chloride	2.678	41	12513	5.139	ug/l	99
15) Acrylonitrile	3.075	53	19139	24.554	ug/l	100
16) Acetone	2.392	43	18117	28.970	ug/l	92
17) Carbon Disulfide	2.526	76	16895	6.594	ug/l	99
18) Methyl Acetate	2.715	43	9089	4.107	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	21281	4.905	ug/l	100
20) Methylene Chloride	2.800	84	7851	5.267	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	6901	5.260	ug/l	87
22) Diisopropyl ether	3.770	45	24417	5.086	ug/l #	55
23) Vinyl Acetate	3.739	43	90187	24.333	ug/l	97
24) 1,1-Dichloroethane	3.617	63	14092	5.267	ug/l	98
25) 2-Butanone	4.581	43	23977	23.183	ug/l	98
26) 2,2-Dichloropropane	4.483	77	9718	4.893	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	8212	5.084	ug/l	97
28) Bromochloromethane	4.910	49	6807	5.334	ug/l #	99
29) Tetrahydrofuran	5.026	42	15713	24.057	ug/l	93
30) Chloroform	5.099	83	14532	5.184	ug/l	94
31) Cyclohexane	5.483	56	12241	5.667	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	12216	5.094	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10048	5.274	ug/l	96
37) Ethyl Acetate	4.733	43	8766	4.716	ug/l #	89
38) Carbon Tetrachloride	5.690	117	10857	5.088	ug/l	98
39) Methylcyclohexane	7.385	83	12614	5.610	ug/l	97
40) Benzene	6.044	78	28961	5.400	ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046518.D
Acq On : 06 Jun 2025 09:42
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:40:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	5621	4.868	ug/l	#	90
42) 1,2-Dichloroethane	6.092	62	11718	5.252	ug/l		100
43) Isopropyl Acetate	6.349	43	15275	4.712	ug/l	#	97
44) Trichloroethene	7.129	130	6978	5.121	ug/l		99
45) 1,2-Dichloropropane	7.434	63	7132	5.152	ug/l		97
46) Dibromomethane	7.586	93	5588	5.366	ug/l		97
47) Bromodichloromethane	7.824	83	10524	4.915	ug/l		97
48) Methyl methacrylate	7.708	41	7663	4.595	ug/l		97
49) 1,4-Dioxane	7.665	88	2221	99.585	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	49709	24.133	ug/l		99
52) Toluene	8.720	92	17773	5.394	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	8503	4.429	ug/l		100
54) cis-1,3-Dichloropropene	8.373	75	10282	4.817	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	6794	5.136	ug/l		97
56) Ethyl methacrylate	9.122	69	9723	4.777	ug/l		97
57) 1,3-Dichloropropane	9.311	76	12033	5.148	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.245	63	27324	24.645	ug/l		97
59) 2-Hexanone	9.433	43	34128	23.102	ug/l		98
60) Dibromochloromethane	9.519	129	7808	5.018	ug/l		96
61) 1,2-Dibromoethane	9.610	107	6661	4.833	ug/l		94
64) Tetrachloroethene	9.275	164	5704	5.186	ug/l		90
65) Chlorobenzene	10.080	112	19529	5.048	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	6488	4.963	ug/l		98
67) Ethyl Benzene	10.195	91	34429	5.098	ug/l		98
68) m/p-Xylenes	10.299	106	24857	10.146	ug/l		99
69) o-Xylene	10.640	106	11976	5.054	ug/l		99
70) Styrene	10.659	104	19826	4.888	ug/l		98
71) Bromoform	10.799	173	4418	4.432	ug/l	#	96
73) Isopropylbenzene	10.964	105	32087	5.007	ug/l		99
74) N-amyl acetate	10.848	43	13145	4.658	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.214	83	10551	5.144	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	8330m	4.746	ug/l		
77) Bromobenzene	11.195	156	7367	4.953	ug/l		98
78) n-propylbenzene	11.305	91	37974	4.896	ug/l		99
79) 2-Chlorotoluene	11.366	91	23514	5.028	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	27140	5.083	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	2236	3.736	ug/l	#	77
82) 4-Chlorotoluene	11.457	91	27633	4.985	ug/l		97
83) tert-Butylbenzene	11.713	119	27238	5.011	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	26973	4.993	ug/l		97
85) sec-Butylbenzene	11.890	105	35458	5.077	ug/l		97
86) p-Isopropyltoluene	12.006	119	28606	4.913	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	14222	4.924	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	14704	4.913	ug/l		87
89) n-Butylbenzene	12.329	91	27055	4.731	ug/l		99
90) Hexachloroethane	12.536	117	4884	4.719	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	14100	5.058	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2035	4.431	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	8458	4.447	ug/l		99
94) Hexachlorobutadiene	13.725	225	4285	4.848	ug/l		97
95) Naphthalene	13.774	128	25583	4.242	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	8491	4.453	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046518.D
Acq On : 06 Jun 2025 09:42
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:40:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 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

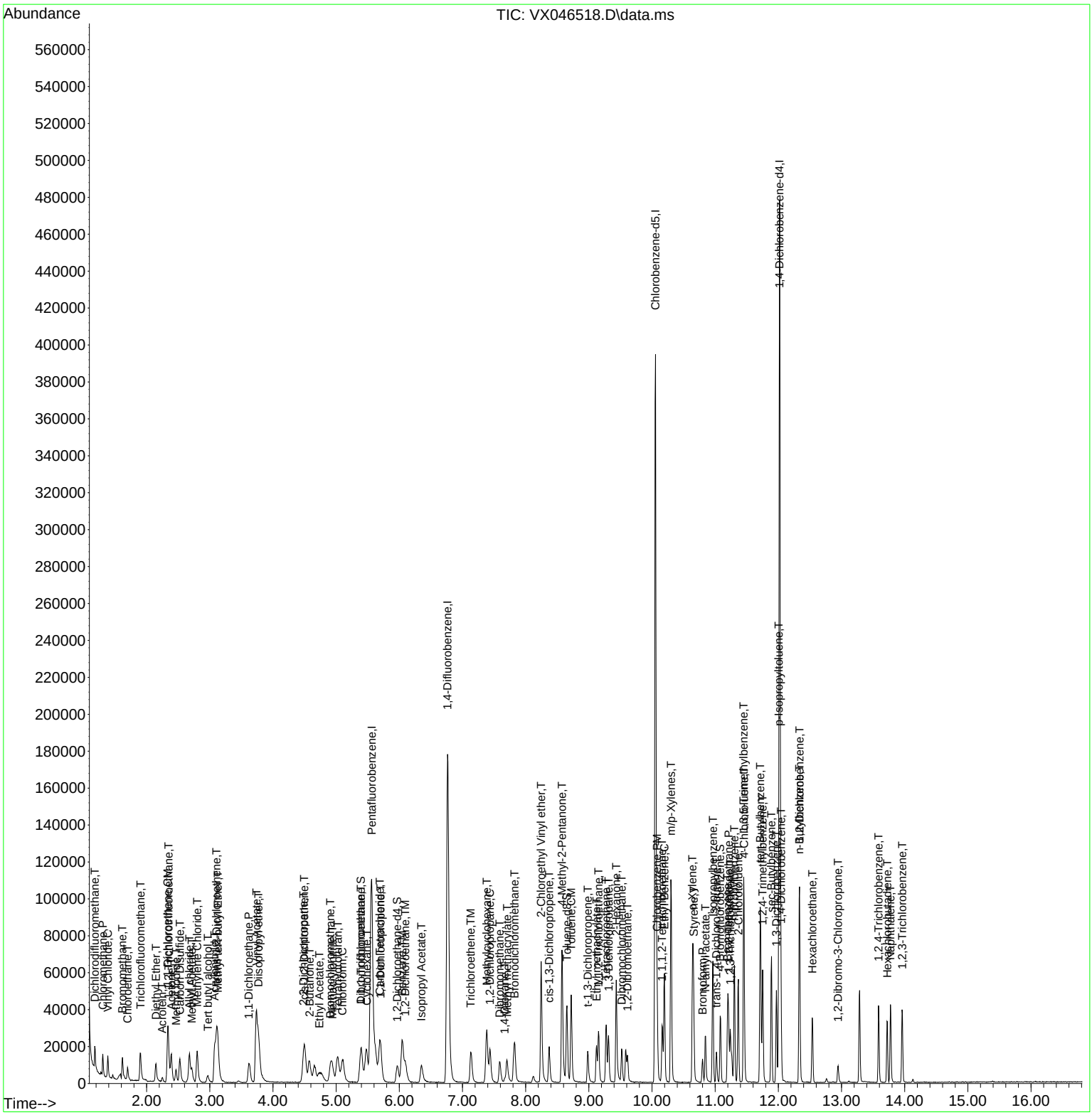
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046518.D
Acq On : 06 Jun 2025 09:42
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 16:40:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046519.D
Acq On : 06 Jun 2025 10:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	91899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155168	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	138173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	31177	19.069	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.140%#		
35) Dibromofluoromethane	5.391	113	21913	19.203	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.400%#		
50) Toluene-d8	8.647	98	71915	19.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.240%#		
62) 4-Bromofluorobenzene	11.079	95	29923	19.224	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.440%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	24011	18.820	ug/l	97
3) Chloromethane	1.307	50	21532	18.541	ug/l	97
4) Vinyl Chloride	1.386	62	21814	18.843	ug/l	99
5) Bromomethane	1.624	94	15765	22.432	ug/l	98
6) Chloroethane	1.703	64	14119	18.798	ug/l	97
7) Trichlorofluoromethane	1.904	101	38797	20.256	ug/l	95
8) Diethyl Ether	2.148	74	13057	19.294	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	23928	19.829	ug/l	98
10) Methyl Iodide	2.465	142	24399	18.652	ug/l	98
11) Tert butyl alcohol	2.965	59	16570	91.334	ug/l	98
12) 1,1-Dichloroethene	2.337	96	20232	18.543	ug/l	94
13) Acrolein	2.245	56	20307	111.446	ug/l	98
14) Allyl chloride	2.678	41	40999	19.133	ug/l	96
15) Acrylonitrile	3.075	53	67593	98.540	ug/l	99
16) Acetone	2.386	43	61298	98.314	ug/l	97
17) Carbon Disulfide	2.526	76	45190	19.630	ug/l	100
18) Methyl Acetate	2.715	43	39765	20.419	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	75365	19.741	ug/l	99
20) Methylene Chloride	2.800	84	24863	18.955	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	21333	18.476	ug/l	93
22) Diisopropyl ether	3.770	45	86178	20.399	ug/l #	77
23) Vinyl Acetate	3.733	43	309124	94.776	ug/l	100
24) 1,1-Dichloroethane	3.623	63	46528	19.761	ug/l	99
25) 2-Butanone	4.562	43	86287	94.804	ug/l	99
26) 2,2-Dichloropropane	4.489	77	33782	19.327	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	27631	19.439	ug/l	97
28) Bromochloromethane	4.910	49	21754	19.371	ug/l	99
29) Tetrahydrofuran	5.013	42	53547	93.158	ug/l	100
30) Chloroform	5.105	83	49854	20.208	ug/l	92
31) Cyclohexane	5.483	56	37188	19.565	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	41583	19.705	ug/l	98
36) 1,1-Dichloropropene	5.702	75	31397	19.262	ug/l	99
37) Ethyl Acetate	4.733	43	32379	20.357	ug/l	98
38) Carbon Tetrachloride	5.684	117	35956	19.695	ug/l	98
39) Methylcyclohexane	7.379	83	35729	18.571	ug/l	96
40) Benzene	6.044	78	93317	20.336	ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046519.D
Acq On : 06 Jun 2025 10:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	20773	21.027	ug/l		96
42) 1,2-Dichloroethane	6.098	62	39768	20.832	ug/l		100
43) Isopropyl Acetate	6.342	43	55054	19.851	ug/l		99
44) Trichloroethene	7.129	130	22094	18.950	ug/l		97
45) 1,2-Dichloropropane	7.434	63	24588	20.760	ug/l		98
46) Dibromomethane	7.586	93	17753	19.924	ug/l		97
47) Bromodichloromethane	7.824	83	38325	20.919	ug/l		100
48) Methyl methacrylate	7.696	41	28189	19.755	ug/l		98
49) 1,4-Dioxane	7.665	88	8127	425.896	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	180974	102.687	ug/l		99
52) Toluene	8.720	92	56537	20.055	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	32552	19.817	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	36009	19.716	ug/l		89
55) 1,1,2-Trichloroethane	9.153	97	24130	21.322	ug/l		98
56) Ethyl methacrylate	9.116	69	35137	20.176	ug/l		97
57) 1,3-Dichloropropane	9.305	76	41306	20.653	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	93580	98.650	ug/l		99
59) 2-Hexanone	9.427	43	128964	102.032	ug/l		99
60) Dibromochloromethane	9.519	129	27175	20.414	ug/l		99
61) 1,2-Dibromoethane	9.610	107	23582	19.996	ug/l		99
64) Tetrachloroethene	9.275	164	17890	19.362	ug/l		94
65) Chlorobenzene	10.079	112	63695	19.600	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22188	20.205	ug/l		99
67) Ethyl Benzene	10.195	91	112127	19.765	ug/l		98
68) m/p-Xylenes	10.299	106	82876	40.272	ug/l		97
69) o-Xylene	10.640	106	40415	20.304	ug/l		99
70) Styrene	10.653	104	69469	20.388	ug/l		100
71) Bromoform	10.799	173	16593	19.817	ug/l	#	97
73) Isopropylbenzene	10.963	105	110221	20.092	ug/l		100
74) N-amyl acetate	10.842	43	46707	19.334	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36116	20.568	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30039m	19.991	ug/l		
77) Bromobenzene	11.195	156	25827	20.283	ug/l		96
78) n-propylbenzene	11.305	91	133297	20.075	ug/l		100
79) 2-Chlorotoluene	11.360	91	80101	20.005	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	92024	20.131	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9832	19.187	ug/l		99
82) 4-Chlorotoluene	11.451	91	93283	19.655	ug/l		98
83) tert-Butylbenzene	11.713	119	93897	20.178	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	93782	20.279	ug/l		98
85) sec-Butylbenzene	11.890	105	119909	20.054	ug/l		99
86) p-Isopropyltoluene	12.006	119	99196	19.900	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47842	19.349	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	48453	18.912	ug/l		99
89) n-Butylbenzene	12.329	91	94297	19.263	ug/l		99
90) Hexachloroethane	12.536	117	16809	18.972	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	47259	19.801	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7586	19.293	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	30280	18.598	ug/l		98
94) Hexachlorobutadiene	13.725	225	14184	18.746	ug/l		97
95) Naphthalene	13.774	128	98466	19.071	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	30099	18.437	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046519.D
Acq On : 06 Jun 2025 10:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 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

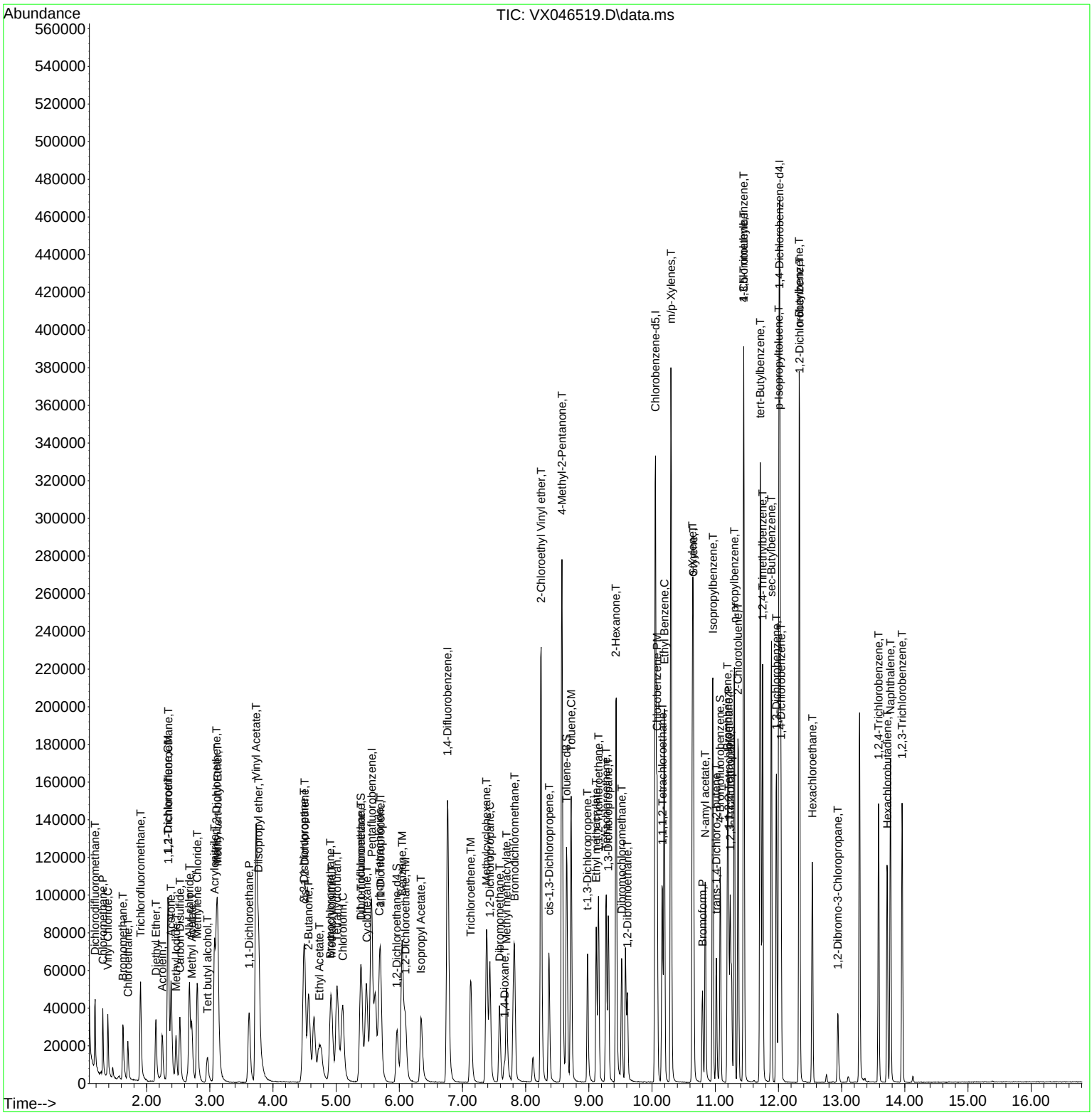
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046519.D
Acq On : 06 Jun 2025 10:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046520.D
Acq On : 06 Jun 2025 10:40
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	90114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	156192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	78706	49.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.180%			
35) Dibromofluoromethane	5.403	113	57416	49.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	8.653	98	185557	49.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.000%			
62) 4-Bromofluorobenzene	11.079	95	76988	49.137	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	58145	46.477	ug/l	95
3) Chloromethane	1.307	50	51612	45.324	ug/l	96
4) Vinyl Chloride	1.386	62	53673	47.282	ug/l	100
5) Bromomethane	1.624	94	35883	52.070	ug/l	96
6) Chloroethane	1.703	64	33654	45.694	ug/l	96
7) Trichlorofluoromethane	1.904	101	92019	48.994	ug/l	95
8) Diethyl Ether	2.154	74	32101	48.374	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	57448	48.549	ug/l	98
10) Methyl Iodide	2.471	142	64524	50.302	ug/l	100
11) Tert butyl alcohol	2.971	59	44039	247.552	ug/l	100
12) 1,1-Dichloroethene	2.337	96	51110	47.772	ug/l	99
13) Acrolein	2.251	56	50652	237.168	ug/l	98
14) Allyl chloride	2.684	41	101836	48.466	ug/l	96
15) Acrylonitrile	3.081	53	170615	253.656	ug/l	99
16) Acetone	2.392	43	153142	243.373	ug/l	100
17) Carbon Disulfide	2.532	76	109794	48.339	ug/l	100
18) Methyl Acetate	2.721	43	101867	53.343	ug/l	100
19) Methyl tert-butyl Ether	3.135	73	190602	50.914	ug/l	99
20) Methylene Chloride	2.806	84	59622	46.355	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	52474	46.346	ug/l	95
22) Diisopropyl ether	3.782	45	211118	50.963	ug/l #	80
23) Vinyl Acetate	3.739	43	823688	257.541	ug/l	100
24) 1,1-Dichloroethane	3.629	63	113435	49.132	ug/l	97
25) 2-Butanone	4.574	43	226668	253.975	ug/l	98
26) 2,2-Dichloropropane	4.495	77	87040	50.783	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	66760	47.898	ug/l	99
28) Bromochloromethane	4.916	49	53158	48.273	ug/l	100
29) Tetrahydrofuran	5.019	42	142276	252.427	ug/l	99
30) Chloroform	5.111	83	118738	49.084	ug/l	99
31) Cyclohexane	5.489	56	89669	48.110	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	102837	49.696	ug/l	98
36) 1,1-Dichloropropene	5.714	75	75745	46.165	ug/l	99
37) Ethyl Acetate	4.733	43	86522	54.042	ug/l	98
38) Carbon Tetrachloride	5.696	117	88063	47.920	ug/l	99
39) Methylcyclohexane	7.391	83	89357	46.141	ug/l	97
40) Benzene	6.056	78	222898	48.257	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046520.D
Acq On : 06 Jun 2025 10:40
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	50437	50.720	ug/l		96
42) 1,2-Dichloroethane	6.098	62	95292	49.590	ug/l		99
43) Isopropyl Acetate	6.354	43	144198	51.653	ug/l		99
44) Trichloroethene	7.135	130	54791	46.686	ug/l		98
45) 1,2-Dichloropropane	7.440	63	59497	49.904	ug/l		99
46) Dibromomethane	7.586	93	43598	48.609	ug/l		98
47) Bromodichloromethane	7.830	83	94149	51.052	ug/l		98
48) Methyl methacrylate	7.702	41	75100	52.285	ug/l		97
49) 1,4-Dioxane	7.671	88	19805	1031.079	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	462924	260.948	ug/l		100
52) Toluene	8.720	92	138129	48.677	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	84697	51.223	ug/l		100
54) cis-1,3-Dichloropropene	8.372	75	92087	50.089	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	57143	50.162	ug/l		97
56) Ethyl methacrylate	9.116	69	91058	51.943	ug/l		97
57) 1,3-Dichloropropane	9.311	76	99273	49.312	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	246532	258.184	ug/l		100
59) 2-Hexanone	9.433	43	333019	261.746	ug/l		99
60) Dibromochloromethane	9.525	129	67410	50.307	ug/l		99
61) 1,2-Dibromoethane	9.610	107	57774	48.669	ug/l		98
64) Tetrachloroethene	9.275	164	42288	46.308	ug/l		96
65) Chlorobenzene	10.079	112	153710	47.857	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54990	50.666	ug/l		99
67) Ethyl Benzene	10.195	91	275626	49.157	ug/l		100
68) m/p-Xylenes	10.299	106	201325	98.982	ug/l		99
69) o-Xylene	10.640	106	97769	49.696	ug/l		97
70) Styrene	10.658	104	171642	50.968	ug/l		99
71) Bromoform	10.799	173	42521	51.382	ug/l	#	98
73) Isopropylbenzene	10.963	105	269074	49.729	ug/l		99
74) N-amyl acetate	10.841	43	124077	52.072	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86539	49.967	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	72182m	48.702	ug/l		
77) Bromobenzene	11.195	156	60653	48.295	ug/l		100
78) n-propylbenzene	11.305	91	323032	49.325	ug/l		100
79) 2-Chlorotoluene	11.366	91	191732	48.549	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	223189	49.500	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	25456	50.367	ug/l		98
82) 4-Chlorotoluene	11.451	91	226629	48.414	ug/l		99
83) tert-Butylbenzene	11.713	119	226214	49.285	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	224100	49.131	ug/l		100
85) sec-Butylbenzene	11.890	105	287196	48.696	ug/l		99
86) p-Isopropyltoluene	12.006	119	239809	48.775	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	115889	47.520	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	115263	45.612	ug/l		99
89) n-Butylbenzene	12.329	91	230830	47.808	ug/l		99
90) Hexachloroethane	12.536	117	41969	48.027	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	112815	47.923	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19603	50.545	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	74109	46.149	ug/l		99
94) Hexachlorobutadiene	13.725	225	34506	46.237	ug/l		98
95) Naphthalene	13.774	128	256456	50.359	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	75172	46.684	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046520.D
Acq On : 06 Jun 2025 10:40
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 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

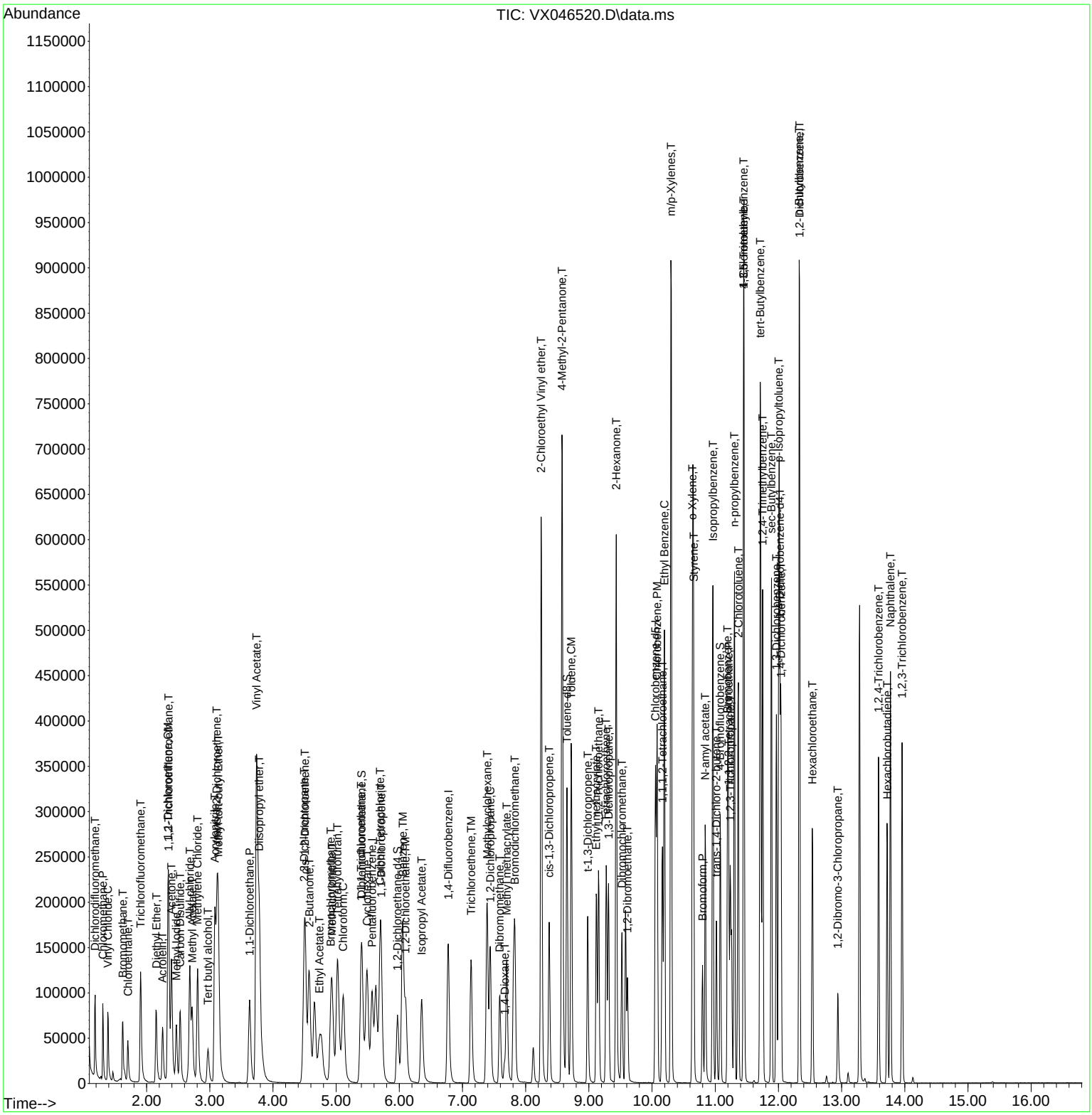
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046520.D
Acq On : 06 Jun 2025 10:40
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 06 16:41:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046521.D
Acq On : 06 Jun 2025 11:02
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 16:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	86761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	151628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	143754	93.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 186.260%#			
35) Dibromofluoromethane	5.403	113	105237	94.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 188.760%#			
50) Toluene-d8	8.653	98	343367	93.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 186.800%#			
62) 4-Bromofluorobenzene	11.079	95	141905	93.296	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 186.600%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	110112	91.417	ug/l	98
3) Chloromethane	1.307	50	98615	89.947	ug/l	99
4) Vinyl Chloride	1.386	62	102609	93.885	ug/l	98
5) Bromomethane	1.617	94	44380	66.888	ug/l	98
6) Chloroethane	1.697	64	61909	87.305	ug/l	99
7) Trichlorofluoromethane	1.904	101	171395	94.783	ug/l	98
8) Diethyl Ether	2.154	74	60580	94.817	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	106901	93.832	ug/l	97
10) Methyl Iodide	2.471	142	129059	104.501	ug/l	100
11) Tert butyl alcohol	2.977	59	90368	527.609	ug/l	99
12) 1,1-Dichloroethene	2.337	96	97296	94.457	ug/l	95
13) Acrolein	2.252	56	101278	460.232	ug/l	100
14) Allyl chloride	2.684	41	197384	97.570	ug/l	94
15) Acrylonitrile	3.081	53	330844	510.880	ug/l	100
16) Acetone	2.398	43	295803	483.635	ug/l	99
17) Carbon Disulfide	2.532	76	211673	96.592	ug/l	98
18) Methyl Acetate	2.721	43	200390	108.991	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	369725	102.579	ug/l	99
20) Methylene Chloride	2.806	84	112036	90.472	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	98333	90.207	ug/l	97
22) Diisopropyl ether	3.782	45	402386	100.889	ug/l #	81
23) Vinyl Acetate	3.739	43	1588475	515.860	ug/l	100
24) 1,1-Dichloroethane	3.629	63	214175	96.351	ug/l	98
25) 2-Butanone	4.574	43	443718	516.388	ug/l	100
26) 2,2-Dichloropropane	4.501	77	168003	101.809	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	126373	94.172	ug/l	99
28) Bromochloromethane	4.916	49	103145	97.287	ug/l	100
29) Tetrahydrofuran	5.019	42	277926	512.155	ug/l	98
30) Chloroform	5.117	83	223890	96.128	ug/l	96
31) Cyclohexane	5.489	56	168997	94.175	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	195664	98.210	ug/l	98
36) 1,1-Dichloropropene	5.708	75	139920	87.846	ug/l	99
37) Ethyl Acetate	4.733	43	171559	110.381	ug/l	98
38) Carbon Tetrachloride	5.696	117	168024	94.183	ug/l	100
39) Methylcyclohexane	7.391	83	171321	91.127	ug/l	98
40) Benzene	6.056	78	418566	93.347	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046521.D
Acq On : 06 Jun 2025 11:02
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 16:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	96904	100.381	ug/l		96
42) 1,2-Dichloroethane	6.098	62	177798	95.311	ug/l		99
43) Isopropyl Acetate	6.354	43	283615	104.651	ug/l		100
44) Trichloroethene	7.135	130	100714	88.399	ug/l		97
45) 1,2-Dichloropropane	7.440	63	112349	97.071	ug/l		97
46) Dibromomethane	7.586	93	82614	94.883	ug/l		98
47) Bromodichloromethane	7.830	83	178755	99.847	ug/l		99
48) Methyl methacrylate	7.702	41	148448	106.461	ug/l		97
49) 1,4-Dioxane	7.671	88	39522	2119.509	ug/l		99
51) 4-Methyl-2-Pentanone	8.580	43	882926	512.682	ug/l		100
52) Toluene	8.720	92	257539	93.489	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	169431	105.552	ug/l		100
54) cis-1,3-Dichloropropene	8.372	75	180299	101.023	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	107827	97.502	ug/l		99
56) Ethyl methacrylate	9.122	69	180282	105.935	ug/l		97
57) 1,3-Dichloropropane	9.311	76	185642	94.990	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.250	63	472343	509.557	ug/l		100
59) 2-Hexanone	9.433	43	635829	514.792	ug/l		99
60) Dibromochloromethane	9.525	129	128006	98.404	ug/l		100
61) 1,2-Dibromoethane	9.610	107	110603	95.976	ug/l		98
64) Tetrachloroethene	9.275	164	79545	90.169	ug/l		97
65) Chlorobenzene	10.079	112	289084	93.171	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	106634	101.705	ug/l		99
67) Ethyl Benzene	10.195	91	520064	96.013	ug/l		99
68) m/p-Xylenes	10.305	106	376918	191.829	ug/l		100
69) o-Xylene	10.640	106	185444	97.576	ug/l		100
70) Styrene	10.659	104	319998	98.362	ug/l		99
71) Bromoform	10.799	173	83574	104.541	ug/l	#	97
73) Isopropylbenzene	10.963	105	501468	97.400	ug/l		100
74) N-amyl acetate	10.841	43	242879	107.123	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	163624	99.288	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	134330m	95.251	ug/l		
77) Bromobenzene	11.201	156	115005	96.236	ug/l		98
78) n-propylbenzene	11.305	91	596385	95.703	ug/l		99
79) 2-Chlorotoluene	11.366	91	356389	94.839	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	412251	96.089	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	52102	108.338	ug/l		94
82) 4-Chlorotoluene	11.457	91	416150	93.429	ug/l		98
83) tert-Butylbenzene	11.713	119	425478	97.420	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	418383	96.397	ug/l		100
85) sec-Butylbenzene	11.890	105	536486	95.599	ug/l		100
86) p-Isopropyltoluene	12.006	119	445024	95.124	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	215104	92.695	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	213122	88.632	ug/l		99
89) n-Butylbenzene	12.329	91	433603	94.378	ug/l		99
90) Hexachloroethane	12.536	117	82886	99.681	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	208931	93.273	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40499	109.744	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	143150	93.683	ug/l		99
94) Hexachlorobutadiene	13.725	225	65134	91.723	ug/l		99
95) Naphthalene	13.774	128	499805	103.144	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	145123	94.716	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046521.D
Acq On : 06 Jun 2025 11:02
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 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

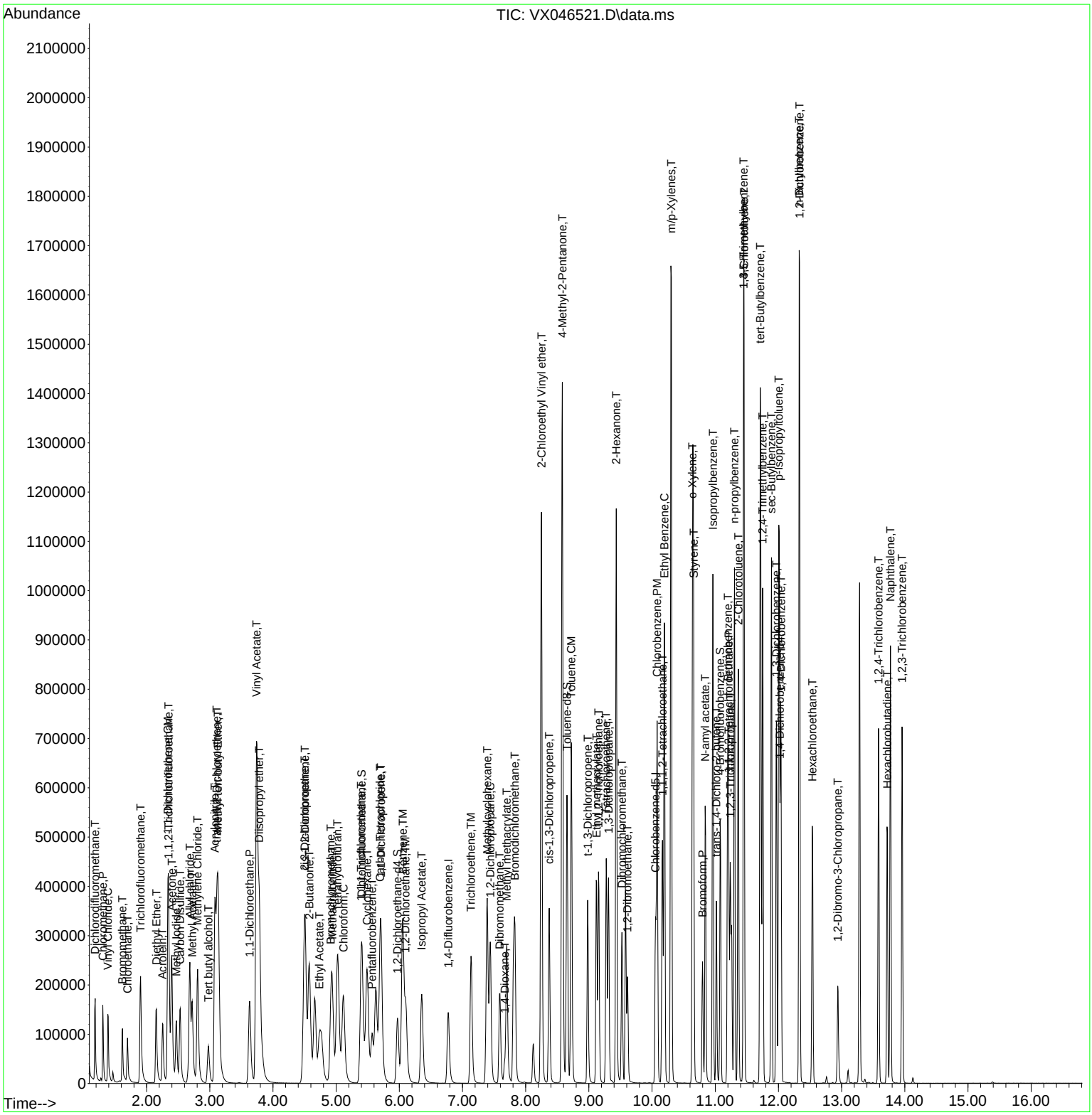
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046521.D
Acq On : 06 Jun 2025 11:02
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 16:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046522.D
Acq On : 06 Jun 2025 11:25
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:42:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	78828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	138158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58605	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	212938	151.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.660%#			
35) Dibromofluoromethane	5.404	113	156990	154.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 309.040%#			
50) Toluene-d8	8.653	98	505724	150.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 301.960%#			
62) 4-Bromofluorobenzene	11.079	95	207701	149.867	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 299.740%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	154709	141.368	ug/l	97
3) Chloromethane	1.307	50	145250	145.815	ug/l	98
4) Vinyl Chloride	1.386	62	147097	148.135	ug/l	98
5) Bromomethane	1.612	94	56077	93.023	ug/l	97
6) Chloroethane	1.691	64	88121	136.776	ug/l	98
7) Trichlorofluoromethane	1.898	101	244494	148.815	ug/l	98
8) Diethyl Ether	2.148	74	87079	150.009	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	151059	145.936	ug/l	98
10) Methyl Iodide	2.465	142	185045	164.913	ug/l	99
11) Tert butyl alcohol	2.983	59	134861	866.618	ug/l	100
12) 1,1-Dichloroethene	2.331	96	138358	147.838	ug/l	99
13) Acrolein	2.252	56	160165	778.853	ug/l	100
14) Allyl chloride	2.678	41	267359	145.460	ug/l	93
15) Acrylonitrile	3.081	53	476614	810.040	ug/l	99
16) Acetone	2.398	43	425579	763.161	ug/l	98
17) Carbon Disulfide	2.526	76	304498	152.815	ug/l	99
18) Methyl Acetate	2.721	43	292598	175.157	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	533557	162.931	ug/l	99
20) Methylene Chloride	2.806	84	160400	142.563	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	140409	141.768	ug/l	98
22) Diisopropyl ether	3.782	45	574529	158.547	ug/l #	84
23) Vinyl Acetate	3.739	43	2294131	820.000	ug/l	100
24) 1,1-Dichloroethane	3.629	63	306779	151.900	ug/l	99
25) 2-Butanone	4.574	43	643633	824.425	ug/l	99
26) 2,2-Dichloropropane	4.495	77	241718	161.222	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	181365	148.753	ug/l	98
28) Bromochloromethane	4.916	49	139177	144.483	ug/l	99
29) Tetrahydrofuran	5.019	42	404249	819.909	ug/l	99
30) Chloroform	5.111	83	319000	150.747	ug/l	96
31) Cyclohexane	5.489	56	240734	147.652	ug/l	98
32) 1,1,1-Trichloroethane	5.404	97	280921	155.193	ug/l	97
36) 1,1-Dichloropropene	5.708	75	201157	138.605	ug/l	99
37) Ethyl Acetate	4.733	43	247037	174.441	ug/l	100
38) Carbon Tetrachloride	5.696	117	240128	147.722	ug/l	100
39) Methylcyclohexane	7.391	83	243263	142.009	ug/l	96
40) Benzene	6.056	78	597704	146.294	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046522.D
Acq On : 06 Jun 2025 11:25
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 06 16:42:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.934	41	142496	162.001 ug/l		97
42) 1,2-Dichloroethane	6.105	62	249510	146.794 ug/l		98
43) Isopropyl Acetate	6.355	43	415327	168.193 ug/l		99
44) Trichloroethene	7.135	130	146894	141.503 ug/l		98
45) 1,2-Dichloropropane	7.440	63	161815	153.441 ug/l		96
46) Dibromomethane	7.586	93	118718	149.642 ug/l		98
47) Bromodichloromethane	7.830	83	256187	157.050 ug/l		99
48) Methyl methacrylate	7.702	41	214089	168.505 ug/l		97
49) 1,4-Dioxane	7.671	88	57504	3384.526 ug/l		97
51) 4-Methyl-2-Pentanone	8.580	43	1262813	804.759 ug/l		99
52) Toluene	8.720	92	368137	146.666 ug/l		99
53) t-1,3-Dichloropropene	8.982	75	249298	170.450 ug/l		99
54) cis-1,3-Dichloropropene	8.373	75	262248	161.266 ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	154220	153.049 ug/l		98
56) Ethyl methacrylate	9.122	69	261827	168.851 ug/l		97
57) 1,3-Dichloropropane	9.311	76	263879	148.186 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.251	63	676448	800.891 ug/l		100
59) 2-Hexanone	9.433	43	908142	806.953 ug/l		98
60) Dibromochloromethane	9.525	129	185185	156.239 ug/l		99
61) 1,2-Dibromoethane	9.610	107	156873	149.399 ug/l		97
64) Tetrachloroethene	9.275	164	114275	140.948 ug/l		96
65) Chlorobenzene	10.080	112	414361	145.311 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	152702	158.472 ug/l		99
67) Ethyl Benzene	10.195	91	742300	149.114 ug/l		100
68) m/p-Xylenes	10.305	106	537140	297.452 ug/l		99
69) o-Xylene	10.640	106	263508	150.865 ug/l		99
70) Styrene	10.653	104	457350	152.965 ug/l		99
71) Bromoform	10.799	173	121843	165.836 ug/l	#	97
73) Isopropylbenzene	10.964	105	714594	155.114 ug/l		100
74) N-amyl acetate	10.842	43	354967	174.965 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	229605	155.706 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	191913m	152.081 ug/l		
77) Bromobenzene	11.195	156	163113	152.540 ug/l		99
78) n-propylbenzene	11.305	91	846247	151.764 ug/l		99
79) 2-Chlorotoluene	11.366	91	503830	149.837 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	582683	151.781 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	77638	180.416 ug/l		91
82) 4-Chlorotoluene	11.451	91	585232	146.836 ug/l		98
83) tert-Butylbenzene	11.713	119	612111	156.630 ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	590035	151.929 ug/l		100
85) sec-Butylbenzene	11.890	105	761909	151.730 ug/l		100
86) p-Isopropyltoluene	12.006	119	628539	150.146 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	305990	147.362 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	308002	143.149 ug/l		99
89) n-Butylbenzene	12.329	91	613010	149.115 ug/l		99
90) Hexachloroethane	12.536	117	120040	161.336 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	298047	148.701 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	59166	179.177 ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	209982	153.577 ug/l		99
94) Hexachlorobutadiene	13.725	225	92311	145.277 ug/l		98
95) Naphthalene	13.774	128	739300	170.506 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	210596	153.606 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046522.D
Acq On : 06 Jun 2025 11:25
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:42:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 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

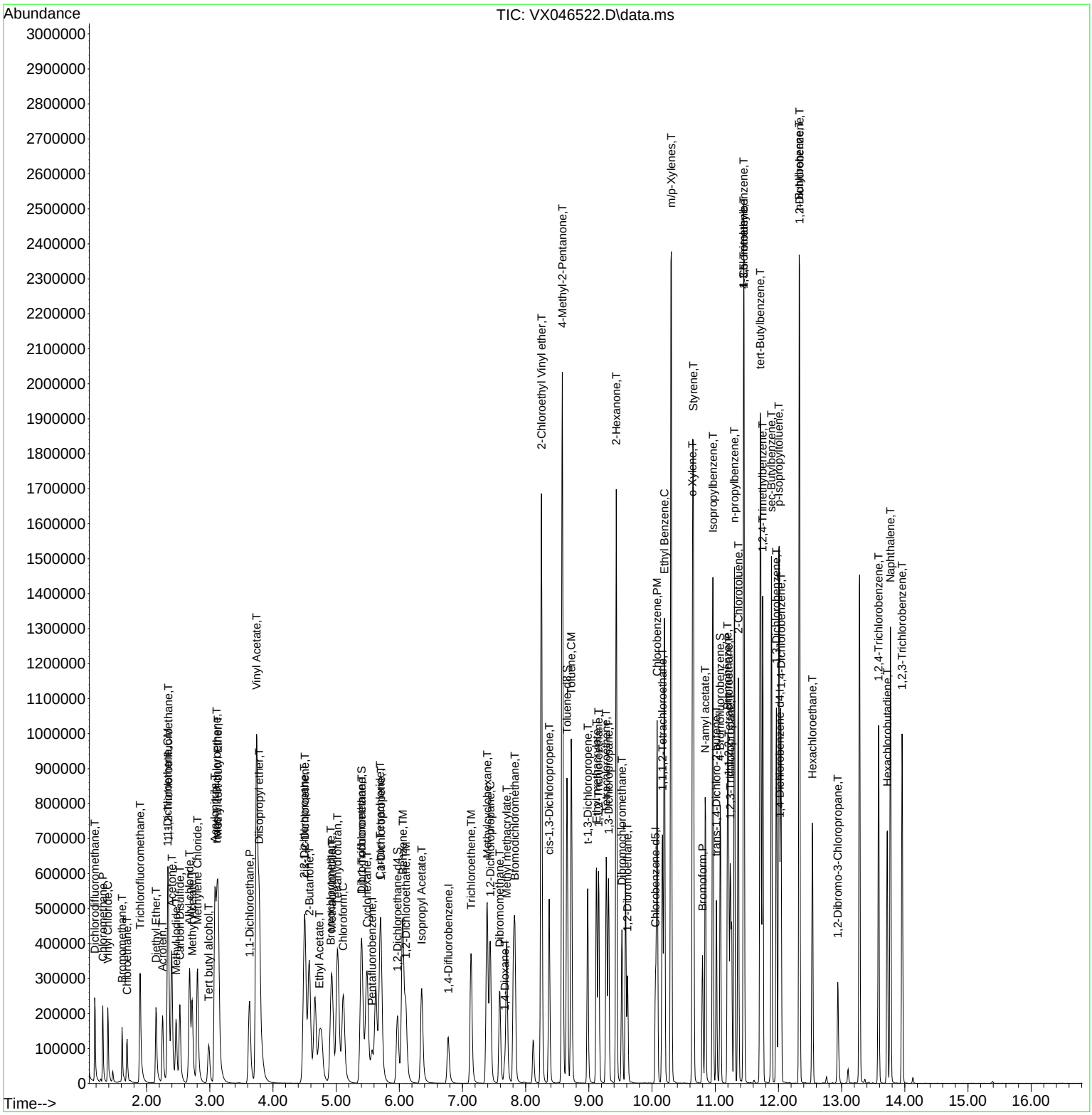
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046522.D
Acq On : 06 Jun 2025 11:25
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 06 16:42:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046524.D
Acq On : 06 Jun 2025 12:57
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	92377	50.000	ug/l		-0.01
34) 1,4-Difluorobenzene	6.763	114	161412	50.000	ug/l		-0.01
63) Chlorobenzene-d5	10.055	117	144029	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72344	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 74 - 125		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 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.184	85	1548	1.207	ug/l		89
3) Chloromethane	1.306	50	1317	1.128	ug/l		95
4) Vinyl Chloride	1.386	62	1255	1.078	ug/l	#	83
6) Chloroethane	1.697	64	940	1.245	ug/l	#	76
7) Trichlorofluoromethane	1.904	101	1882	0.977	ug/l		95
8) Diethyl Ether	2.136	74	762	1.120	ug/l		100
9) 1,1,2-Trichlorotrifluo...	2.349	101	1288	1.062	ug/l		95
12) 1,1-Dichloroethene	2.337	96	1174	1.070	ug/l		78
14) Allyl chloride	2.678	41	2371	1.101	ug/l		94
15) Acrylonitrile	3.080	53	3158	4.580	ug/l		90
16) Acetone	2.392	43	5228	12.546	ug/l		99
17) Carbon Disulfide	2.526	76	4273	2.030	ug/l		100
18) Methyl Acetate	2.721	43	1631	0.833	ug/l	#	90
19) Methyl tert-butyl Ether	3.123	73	3460	0.902	ug/l		92
20) Methylene Chloride	2.806	84	1604	1.217	ug/l		93
21) trans-1,2-Dichloroethene	3.105	96	1451	1.250	ug/l		94
22) Diisopropyl ether	3.763	45	3727	0.878	ug/l	#	1
23) Vinyl Acetate	3.739	43	15142	4.618	ug/l	#	93
24) 1,1-Dichloroethane	3.617	63	2366	1.000	ug/l	#	89
25) 2-Butanone	4.598	43	4468	4.884	ug/l	#	87
26) 2,2-Dichloropropane	4.483	77	1663	0.947	ug/l		86
27) cis-1,2-Dichloroethene	4.507	96	1600	1.120	ug/l		94
28) Bromochloromethane	4.928	49	1200	1.063	ug/l	#	89
29) Tetrahydrofuran	5.037	42	2828	4.895	ug/l		89
30) Chloroform	5.098	83	2492	1.005	ug/l		98
32) 1,1,1-Trichloroethane	5.391	97	2090	0.985	ug/l	#	53
36) 1,1-Dichloropropene	5.702	75	2130	1.256	ug/l	#	70
37) Ethyl Acetate	4.739	43	1146m	0.693	ug/l		
38) Carbon Tetrachloride	5.696	117	2113	1.113	ug/l	#	65
39) Methylcyclohexane	7.391	83	2339	1.169	ug/l	#	72
40) Benzene	6.043	78	4913	1.029	ug/l		99
41) Methacrylonitrile	4.952	41	901	0.877	ug/l	#	43
42) 1,2-Dichloroethane	6.104	62	1955	0.984	ug/l		82
43) Isopropyl Acetate	6.348	43	2493	0.864	ug/l	#	92
44) Trichloroethene	7.141	130	1537	1.267	ug/l		91
45) 1,2-Dichloropropane	7.433	63	1158	0.940	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046524.D
Acq On : 06 Jun 2025 12:57
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 06 16:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	938	1.012	ug/l		92
47) Bromodichloromethane	7.830	83	1724	0.905	ug/l	#	91
48) Methyl methacrylate	7.714	41	1276	0.860	ug/l		94
49) 1,4-Dioxane	7.677	88	286	14.408	ug/l	#	79
51) 4-Methyl-2-Pentanone	8.573	43	7935	4.328	ug/l		98
52) Toluene	8.720	92	3027	1.032	ug/l		94
53) t-1,3-Dichloropropene	8.988	75	1550	0.907	ug/l		94
54) cis-1,3-Dichloropropene	8.378	75	1831	0.964	ug/l		91
55) 1,1,2-Trichloroethane	9.159	97	1069	0.908	ug/l	#	82
56) Ethyl methacrylate	9.122	69	1471	0.812	ug/l		94
57) 1,3-Dichloropropane	9.317	76	2109	1.014	ug/l		95
58) 2-Chloroethyl Vinyl ether	8.250	63	4480	4.540	ug/l		97
59) 2-Hexanone	9.439	43	5937	4.515	ug/l		91
60) Dibromochloromethane	9.524	129	1307	0.944	ug/l		89
61) 1,2-Dibromoethane	9.616	107	1355	1.105	ug/l		89
64) Tetrachloroethene	9.274	164	1182	1.227	ug/l		90
65) Chlorobenzene	10.079	112	3905	1.153	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1042	0.910	ug/l	#	59
67) Ethyl Benzene	10.195	91	6238	1.055	ug/l	#	89
68) m/p-Xylenes	10.305	106	4454	2.076	ug/l		94
69) o-Xylene	10.640	106	2072	0.999	ug/l		96
70) Styrene	10.658	104	3482	0.980	ug/l		95
71) Bromoform	10.805	173	824	0.944	ug/l	#	95
73) Isopropylbenzene	10.963	105	5637	0.991	ug/l		99
74) N-amyl acetate	10.847	43	2060	0.823	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1661	0.912	ug/l		86
76) 1,2,3-Trichloropropane	11.244	75	1578m	1.013	ug/l		
77) Bromobenzene	11.207	156	1386	1.050	ug/l		94
78) n-propylbenzene	11.305	91	7308	1.062	ug/l		92
79) 2-Chlorotoluene	11.366	91	4466	1.076	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	4806	1.014	ug/l		96
82) 4-Chlorotoluene	11.457	91	5603	1.139	ug/l		98
83) tert-Butylbenzene	11.713	119	4751	0.985	ug/l		97
84) 1,2,4-Trimethylbenzene	11.756	105	4928	1.028	ug/l		99
85) sec-Butylbenzene	11.890	105	6450	1.041	ug/l		99
86) p-Isopropyltoluene	12.012	119	5657	1.095	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	3045	1.188	ug/l		96
88) 1,4-Dichlorobenzene	12.036	146	3503m	1.319	ug/l		
89) n-Butylbenzene	12.335	91	6072	1.197	ug/l		97
90) Hexachloroethane	12.536	117	987	1.075	ug/l		88
91) 1,2-Dichlorobenzene	12.335	146	2761	1.116	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	345	0.846	ug/l		84
93) 1,2,4-Trichlorobenzene	13.591	180	2189	1.297	ug/l		92
94) Hexachlorobutadiene	13.725	225	1006	1.283	ug/l		97
95) Naphthalene	13.780	128	5474	1.023	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	2171	1.283	ug/l		96

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

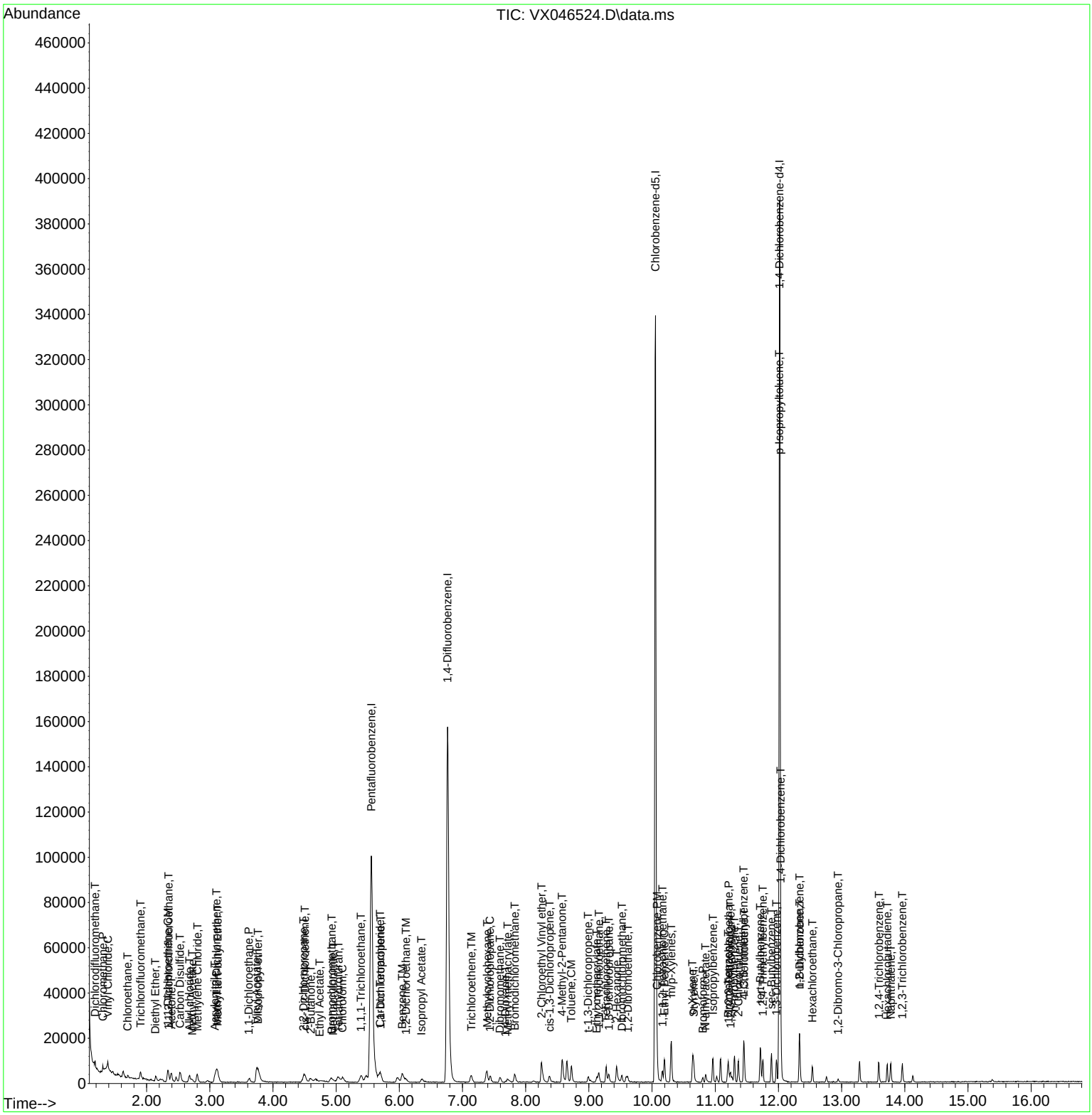
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046524.D
Acq On : 06 Jun 2025 12:57
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 06 16:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	87638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151058	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	132539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78349	50.250	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	56698	51.039	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	8.647	98	183212	50.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.079	95	75584	49.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	59758	49.116	ug/l	98
3) Chloromethane	1.307	50	53337	48.162	ug/l	98
4) Vinyl Chloride	1.386	62	54649	49.502	ug/l	99
5) Bromomethane	1.618	94	34113	50.900	ug/l	93
6) Chloroethane	1.697	64	33633	46.955	ug/l	93
7) Trichlorofluoromethane	1.898	101	90940	49.788	ug/l	100
8) Diethyl Ether	2.142	74	32152	49.819	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	57034	49.561	ug/l	97
10) Methyl Iodide	2.465	142	67786	54.338	ug/l	100
11) Tert butyl alcohol	2.965	59	47374	273.823	ug/l	99
12) 1,1-Dichloroethene	2.331	96	51107	49.119	ug/l	99
13) Acrolein	2.246	56	51802	247.857	ug/l	98
14) Allyl chloride	2.678	41	105373	51.566	ug/l	94
15) Acrylonitrile	3.069	53	174229	266.347	ug/l	98
16) Acetone	2.386	43	157823	257.624	ug/l	99
17) Carbon Disulfide	2.526	76	110616	50.069	ug/l	98
18) Methyl Acetate	2.715	43	106595	57.396	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	195706	53.754	ug/l	98
20) Methylene Chloride	2.800	84	60058	48.013	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	52668	47.832	ug/l	96
22) Diisopropyl ether	3.770	45	212853	52.834	ug/l #	80
23) Vinyl Acetate	3.727	43	827531	266.053	ug/l	99
24) 1,1-Dichloroethane	3.617	63	115021	51.227	ug/l	98
25) 2-Butanone	4.562	43	232201	267.525	ug/l	99
26) 2,2-Dichloropropane	4.483	77	89180	53.502	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	66779	49.265	ug/l	99
28) Bromochloromethane	4.904	49	52893	49.390	ug/l	99
29) Tetrahydrofuran	5.013	42	146302	266.904	ug/l	98
30) Chloroform	5.099	83	119994	51.004	ug/l	95
31) Cyclohexane	5.477	56	88988	49.093	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	103945	51.651	ug/l	97
36) 1,1-Dichloropropene	5.696	75	75696	47.703	ug/l	99
37) Ethyl Acetate	4.721	43	90139	58.203	ug/l	99
38) Carbon Tetrachloride	5.684	117	87750	49.372	ug/l	96
39) Methylcyclohexane	7.385	83	89168	47.608	ug/l	99
40) Benzene	6.044	78	221890	49.672	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	54128	56.282	ug/l		97
42) 1,2-Dichloroethane	6.092	62	94588	50.897	ug/l		99
43) Isopropyl Acetate	6.342	43	146579	54.290	ug/l		100
44) Trichloroethene	7.129	130	54213	47.764	ug/l		96
45) 1,2-Dichloropropane	7.434	63	59286	51.417	ug/l		99
46) Dibromomethane	7.586	93	44071	50.807	ug/l		99
47) Bromodichloromethane	7.824	83	94362	52.906	ug/l		97
48) Methyl methacrylate	7.696	41	76134	54.806	ug/l		97
49) 1,4-Dioxane	7.659	88	20118	1082.971	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	466259	271.760	ug/l		100
52) Toluene	8.714	92	136448	49.719	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	85596	53.526	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	92273	51.896	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	57283	51.993	ug/l		98
56) Ethyl methacrylate	9.116	69	92299	54.440	ug/l		97
57) 1,3-Dichloropropane	9.305	76	98748	50.718	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	240616	260.553	ug/l		100
59) 2-Hexanone	9.427	43	337353	274.165	ug/l		99
60) Dibromochloromethane	9.519	129	68814	53.100	ug/l		97
61) 1,2-Dibromoethane	9.610	107	57046	49.689	ug/l		96
64) Tetrachloroethene	9.275	164	42310	47.739	ug/l		97
65) Chlorobenzene	10.080	112	154357	49.518	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55536	52.723	ug/l		100
67) Ethyl Benzene	10.195	91	273659	50.288	ug/l		98
68) m/p-Xylenes	10.299	106	199258	100.941	ug/l		99
69) o-Xylene	10.640	106	97151	50.882	ug/l		99
70) Styrene	10.653	104	169628	51.899	ug/l		100
71) Bromoform	10.799	173	42728	53.200	ug/l	#	99
73) Isopropylbenzene	10.957	105	266347	51.765	ug/l		100
74) N-amyl acetate	10.842	43	125656	55.456	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86308	52.405	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	73842m	53.262	ug/l		
77) Bromobenzene	11.195	156	60607	50.748	ug/l		98
78) n-propylbenzene	11.305	91	316743	50.860	ug/l		100
79) 2-Chlorotoluene	11.360	91	191582	51.014	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	221291	51.612	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	26534	55.208	ug/l		97
82) 4-Chlorotoluene	11.451	91	224207	50.368	ug/l		99
83) tert-Butylbenzene	11.713	119	226613	51.919	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	223226	51.464	ug/l		99
85) sec-Butylbenzene	11.890	105	284027	50.644	ug/l		100
86) p-Isopropyltoluene	12.006	119	237583	50.815	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	114034	49.171	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	114838	47.788	ug/l		99
89) n-Butylbenzene	12.329	91	232333	50.601	ug/l		100
90) Hexachloroethane	12.536	117	42498	51.141	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	111587	49.847	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20611	55.886	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	75169	49.224	ug/l		99
94) Hexachlorobutadiene	13.725	225	33512	47.222	ug/l		98
95) Naphthalene	13.774	128	257845	53.245	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	75157	49.082	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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

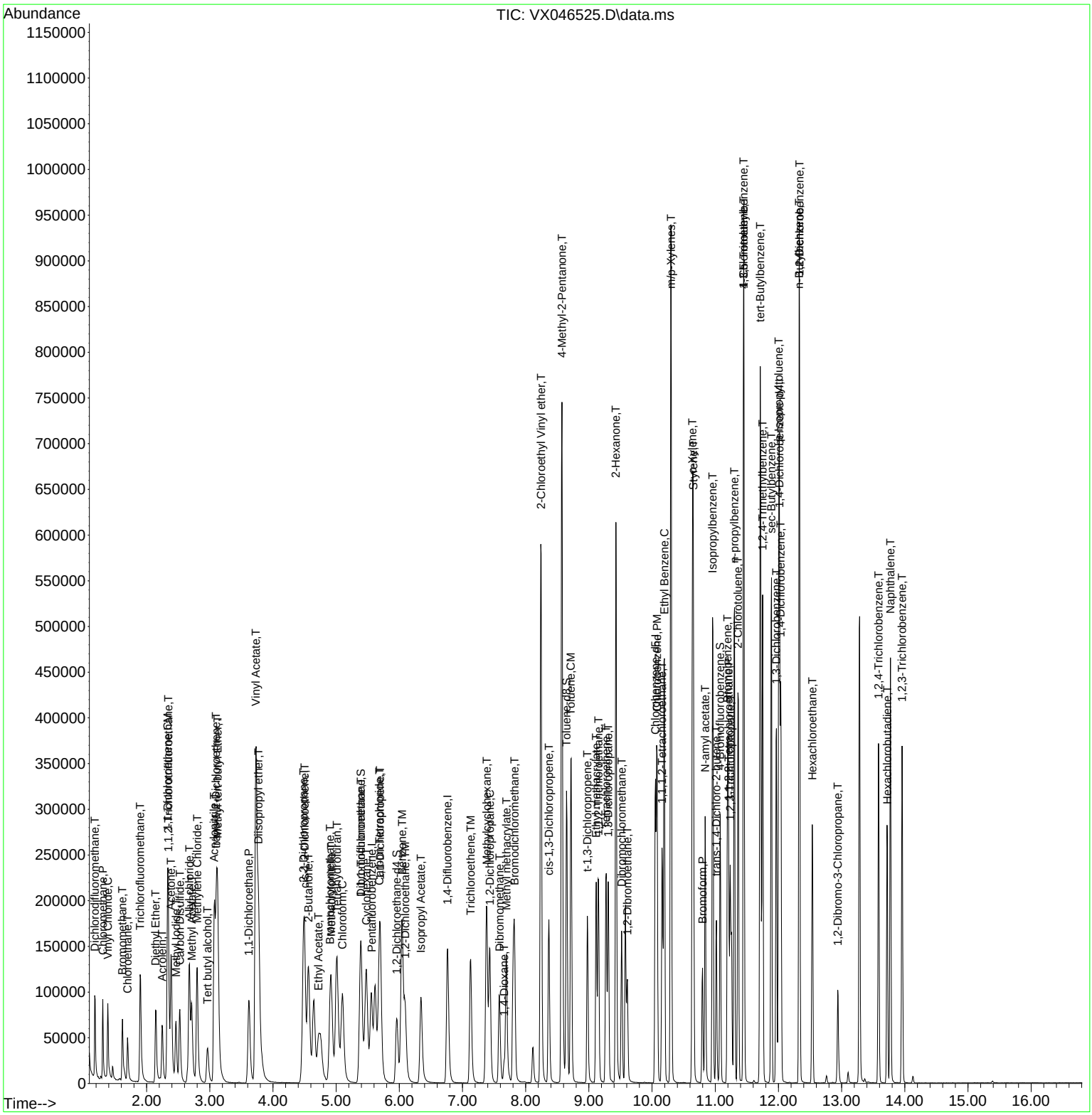
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	97	0.00
2	T	Dichlorodifluoromethane	0.694	0.682	1.7	103	0.00
3	P	Chloromethane	0.632	0.609	3.6	103	0.00
4	C	Vinyl Chloride	0.630	0.624	1.0#	102	0.00
5	T	Bromomethane	0.382	0.389	-1.8	95	0.00
6	T	Chloroethane	0.409	0.384	6.1	100	0.00
7	T	Trichlorofluoromethane	1.042	1.038	0.4	99	0.00
8	T	Diethyl Ether	0.368	0.367	0.3	100	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.657	0.651	0.9	99	0.00
10	T	Methyl Iodide	0.712	0.773	-8.6	105	0.00
11	T	Tert butyl alcohol	0.099	0.108	-9.1	108	0.00
12	CM	1,1-Dichloroethene	0.594	0.583	1.9#	100	0.00
13	T	Acrolein	0.103	0.118	-14.6	102	0.00
14	T	Allyl chloride	1.166	1.202	-3.1	103	0.00
15	T	Acrylonitrile	0.373	0.398	-6.7	102	-0.01
16	T	Acetone	0.381	0.360	5.5	103	0.00
17	T	Carbon Disulfide	1.481	1.262	14.8	101	0.00
18	T	Methyl Acetate	1.060	1.216	-14.7	105	0.00
19	T	Methyl tert-butyl Ether	2.077	2.233	-7.5	103	-0.01
20	T	Methylene Chloride	0.714	0.685	4.1	101	0.00
21	T	trans-1,2-Dichloroethene	0.628	0.601	4.3	100	-0.01
22	T	Diisopropyl ether	2.298	2.429	-5.7	101	-0.01
23	T	Vinyl Acetate	1.775	1.889	-6.4	100	-0.01
24	P	1,1-Dichloroethane	1.281	1.312	-2.4	101	-0.01
25	T	2-Butanone	0.495	0.530	-7.1	102	-0.01
26	T	2,2-Dichloropropane	0.951	1.018	-7.0	102	-0.01
27	T	cis-1,2-Dichloroethene	0.773	0.762	1.4	100	0.00
28	T	Bromochloromethane	0.611	0.604	1.1	100	-0.01
29	T	Tetrahydrofuran	0.313	0.334	-6.7	103	0.00
30	C	Chloroform	1.342	1.369	-2.0#	101	-0.01
31	T	Cyclohexane	1.034	1.015	1.8	99	-0.01
32	T	1,1,1-Trichloroethane	1.148	1.186	-3.3	101	0.00
33	S	1,2-Dichloroethane-d4	0.890	0.894	-0.4	100	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.01
35	S	Dibromofluoromethane	0.368	0.375	-1.9	99	-0.01
36	T	1,1-Dichloropropene	0.525	0.501	4.6	100	-0.02
37	T	Ethyl Acetate	0.513	0.597	-16.4	104	-0.01
38	T	Carbon Tetrachloride	0.588	0.581	1.2	100	-0.01
39	T	Methylcyclohexane	0.620	0.590	4.8	100	0.00
40	TM	Benzene	1.479	1.469	0.7	100	-0.01
41	T	Methacrylonitrile	0.318	0.358	-12.6	107	-0.01
42	TM	1,2-Dichloroethane	0.615	0.626	-1.8	99	0.00
43	T	Isopropyl Acetate	0.894	0.970	-8.5	102	-0.01
44	TM	Trichloroethene	0.376	0.359	4.5	99	0.00
45	C	1,2-Dichloropropane	0.382	0.392	-2.6#	100	0.00
46	T	Dibromomethane	0.287	0.292	-1.7	101	0.00
47	T	Bromodichloromethane	0.590	0.625	-5.9	100	0.00
48	T	Methyl methacrylate	0.460	0.504	-9.6	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	0.006	0.007	-16.7	102	-0.01
50	S	Toluene-d8	1.212	1.213	-0.1	99	0.00
51	T	4-Methyl-2-Pentanone	0.568	0.617	-8.6	101	0.00
52	CM	Toluene	0.908	0.903	0.6#	99	0.00
53	T	t-1,3-Dichloropropene	0.529	0.567	-7.2	101	0.00
54	T	cis-1,3-Dichloropropene	0.589	0.611	-3.7	100	0.00
55	T	1,1,2-Trichloroethane	0.365	0.379	-3.8	100	0.00
56	T	Ethyl methacrylate	0.561	0.611	-8.9	101	0.00
57	T	1,3-Dichloropropane	0.644	0.654	-1.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.306	0.319	-4.2	98	0.00
59	T	2-Hexanone	0.407	0.447	-9.8	101	0.00
60	T	Dibromochloromethane	0.429	0.456	-6.3	102	0.00
61	T	1,2-Dibromoethane	0.380	0.378	0.5	99	0.00
62	S	4-Bromofluorobenzene	0.502	0.500	0.4	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.334	0.319	4.5	100	0.00
65	PM	Chlorobenzene	1.176	1.165	0.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.397	0.419	-5.5	101	0.00
67	C	Ethyl Benzene	2.053	2.065	-0.6#	99	0.00
68	T	m/p-Xylenes	0.745	0.752	-0.9	99	0.00
69	T	o-Xylene	0.720	0.733	-1.8	99	0.00
70	T	Styrene	1.233	1.280	-3.8	99	0.00
71	P	Bromoform	0.303	0.322	-6.3	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.930	4.069	-3.5	99	0.00
74	T	N-amyl acetate	1.731	1.920	-10.9	101	0.00
75	P	1,1,2,2-Tetrachloroethane	1.258	1.319	-4.8	100	0.00
76	T	1,2,3-Trichloropropane	1.059	1.128	-6.5	102	0.00
77	T	Bromobenzene	0.912	0.926	-1.5	100	0.00
78	T	n-propylbenzene	4.757	4.839	-1.7	98	0.00
79	T	2-Chlorotoluene	2.869	2.927	-2.0	100	0.00
80	T	1,3,5-Trimethylbenzene	3.275	3.381	-3.2	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.367	0.405	-10.4	104	0.00
82	T	4-Chlorotoluene	3.400	3.425	-0.7	99	0.00
83	T	tert-Butylbenzene	3.334	3.462	-3.8	100	0.00
84	T	1,2,4-Trimethylbenzene	3.313	3.410	-2.9	100	0.00
85	T	sec-Butylbenzene	4.284	4.339	-1.3	99	0.00
86	T	p-Isopropyltoluene	3.572	3.630	-1.6	99	0.00
87	T	1,3-Dichlorobenzene	1.772	1.742	1.7	98	0.00
88	T	1,4-Dichlorobenzene	1.836	1.754	4.5	100	0.00
89	T	n-Butylbenzene	3.507	3.550	-1.2	101	0.00
90	T	Hexachloroethane	0.635	0.649	-2.2	101	0.00
91	T	1,2-Dichlorobenzene	1.710	1.705	0.3	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.282	0.315	-11.7	105	0.00
93	T	1,2,4-Trichlorobenzene	1.167	1.148	1.6	101	0.00
94	T	Hexachlorobutadiene	0.542	0.512	5.5	97	0.00
95	T	Naphthalene	3.699	3.939	-6.5	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	1.170	1.148	1.9	100	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\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	49.116	1.8	103	0.00
3	P	Chloromethane	50.000	48.162	3.7	103	0.00
4	C	Vinyl Chloride	50.000	49.502	1.0#	102	0.00
5	T	Bromomethane	50.000	50.900	-1.8	95	0.00
6	T	Chloroethane	50.000	46.955	6.1	100	0.00
7	T	Trichlorofluoromethane	50.000	49.788	0.4	99	0.00
8	T	Diethyl Ether	50.000	49.819	0.4	100	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.561	0.9	99	0.00
10	T	Methyl Iodide	50.000	54.338	-8.7	105	0.00
11	T	Tert butyl alcohol	250.000	273.823	-9.5	108	0.00
12	CM	1,1-Dichloroethene	50.000	49.119	1.8#	100	0.00
13	T	Acrolein	250.000	247.857	0.9	102	0.00
14	T	Allyl chloride	50.000	51.566	-3.1	103	0.00
15	T	Acrylonitrile	250.000	266.347	-6.5	102	-0.01
16	T	Acetone	250.000	257.624	-3.0	103	0.00
17	T	Carbon Disulfide	50.000	50.069	-0.1	101	0.00
18	T	Methyl Acetate	50.000	57.396	-14.8	105	0.00
19	T	Methyl tert-butyl Ether	50.000	53.754	-7.5	103	-0.01
20	T	Methylene Chloride	50.000	48.013	4.0	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.832	4.3	100	-0.01
22	T	Diisopropyl ether	50.000	52.834	-5.7	101	-0.01
23	T	Vinyl Acetate	250.000	266.053	-6.4	100	-0.01
24	P	1,1-Dichloroethane	50.000	51.227	-2.5	101	-0.01
25	T	2-Butanone	250.000	267.525	-7.0	102	-0.01
26	T	2,2-Dichloropropane	50.000	53.502	-7.0	102	-0.01
27	T	cis-1,2-Dichloroethene	50.000	49.265	1.5	100	0.00
28	T	Bromochloromethane	50.000	49.390	1.2	100	-0.01
29	T	Tetrahydrofuran	250.000	266.904	-6.8	103	0.00
30	C	Chloroform	50.000	51.004	-2.0#	101	-0.01
31	T	Cyclohexane	50.000	49.093	1.8	99	-0.01
32	T	1,1,1-Trichloroethane	50.000	51.651	-3.3	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.250	-0.5	100	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	-0.01
35	S	Dibromofluoromethane	50.000	51.039	-2.1	99	-0.01
36	T	1,1-Dichloropropene	50.000	47.703	4.6	100	-0.02
37	T	Ethyl Acetate	50.000	58.203	-16.4	104	-0.01
38	T	Carbon Tetrachloride	50.000	49.372	1.3	100	-0.01
39	T	Methylcyclohexane	50.000	47.608	4.8	100	0.00
40	TM	Benzene	50.000	49.672	0.7	100	-0.01
41	T	Methacrylonitrile	50.000	56.282	-12.6	107	-0.01
42	TM	1,2-Dichloroethane	50.000	50.897	-1.8	99	0.00
43	T	Isopropyl Acetate	50.000	54.290	-8.6	102	-0.01
44	TM	Trichloroethene	50.000	47.764	4.5	99	0.00
45	C	1,2-Dichloropropane	50.000	51.417	-2.8#	100	0.00
46	T	Dibromomethane	50.000	50.807	-1.6	101	0.00
47	T	Bromodichloromethane	50.000	52.906	-5.8	100	0.00
48	T	Methyl methacrylate	50.000	54.806	-9.6	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	1082.971	-8.3	102	-0.01
50	S	Toluene-d8	50.000	50.025	-0.0	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.760	-8.7	101	0.00
52	CM	Toluene	50.000	49.719	0.6#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	53.526	-7.1	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.896	-3.8	100	0.00
55	T	1,1,2-Trichloroethane	50.000	51.993	-4.0	100	0.00
56	T	Ethyl methacrylate	50.000	54.440	-8.9	101	0.00
57	T	1,3-Dichloropropane	50.000	50.718	-1.4	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.553	-4.2	98	0.00
59	T	2-Hexanone	250.000	274.165	-9.7	101	0.00
60	T	Dibromochloromethane	50.000	53.100	-6.2	102	0.00
61	T	1,2-Dibromoethane	50.000	49.689	0.6	99	0.00
62	S	4-Bromofluorobenzene	50.000	49.880	0.2	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	47.739	4.5	100	0.00
65	PM	Chlorobenzene	50.000	49.518	1.0	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.723	-5.4	101	0.00
67	C	Ethyl Benzene	50.000	50.288	-0.6#	99	0.00
68	T	m/p-Xylenes	100.000	100.941	-0.9	99	0.00
69	T	o-Xylene	50.000	50.882	-1.8	99	0.00
70	T	Styrene	50.000	51.899	-3.8	99	0.00
71	P	Bromoform	50.000	53.200	-6.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	51.765	-3.5	99	0.00
74	T	N-amyl acetate	50.000	55.456	-10.9	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.405	-4.8	100	0.00
76	T	1,2,3-Trichloropropane	50.000	53.262	-6.5	102	0.00
77	T	Bromobenzene	50.000	50.748	-1.5	100	0.00
78	T	n-propylbenzene	50.000	50.860	-1.7	98	0.00
79	T	2-Chlorotoluene	50.000	51.014	-2.0	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.612	-3.2	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.208	-10.4	104	0.00
82	T	4-Chlorotoluene	50.000	50.368	-0.7	99	0.00
83	T	tert-Butylbenzene	50.000	51.919	-3.8	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.464	-2.9	100	0.00
85	T	sec-Butylbenzene	50.000	50.644	-1.3	99	0.00
86	T	p-Isopropyltoluene	50.000	50.815	-1.6	99	0.00
87	T	1,3-Dichlorobenzene	50.000	49.171	1.7	98	0.00
88	T	1,4-Dichlorobenzene	50.000	47.788	4.4	100	0.00
89	T	n-Butylbenzene	50.000	50.601	-1.2	101	0.00
90	T	Hexachloroethane	50.000	51.141	-2.3	101	0.00
91	T	1,2-Dichlorobenzene	50.000	49.847	0.3	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.886	-11.8	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.224	1.6	101	0.00
94	T	Hexachlorobutadiene	50.000	47.222	5.6	97	0.00
95	T	Naphthalene	50.000	53.245	-6.5	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046525.D
Acq On : 06 Jun 2025 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060625

Quant Time: Jun 06 16:57:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.082	1.8	100	0.00

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

Raw Data: **VX046682.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG No.: Q2301

Instrument ID: MSVOA_X Calibration Date/Time: 06/13/2025 12:30

Lab File ID: VX046682.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:42 12:57

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.630	0.534		-15.24	20
1,1-Dichloroethene	0.594	0.583		-1.85	20
2-Butanone	0.495	0.434		-12.32	20
Carbon Tetrachloride	0.588	0.572		-2.72	20
Chloroform	1.342	1.274		-5.07	20
Benzene	1.479	1.558		5.34	20
1,2-Dichloroethane	0.615	0.601		-2.28	20
Trichloroethene	0.376	0.405		7.71	20
Tetrachloroethene	0.334	0.365		9.28	20
Chlorobenzene	1.176	1.297	0.3	10.29	20
1,2-Dichloroethane-d4	0.890	0.809		-9.1	20
Dibromofluoromethane	0.368	0.364		-1.09	20
Toluene-d8	1.212	1.271		4.87	20
4-Bromofluorobenzene	0.502	0.541		7.77	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	65729	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	116296	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	106162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53145	45.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.900%			
35) Dibromofluoromethane	5.391	113	42366	49.537	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.080%			
50) Toluene-d8	8.646	98	147843	52.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	11.079	95	62865	53.887	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	46088	50.506	ug/l	99
3) Chloromethane	1.306	50	38948	46.892	ug/l	97
4) Vinyl Chloride	1.386	62	35126	42.423	ug/l	98
5) Bromomethane	1.617	94	9898	19.691	ug/l	95
6) Chloroethane	1.696	64	22813	42.465	ug/l	99
7) Trichlorofluoromethane	1.904	101	65356	47.707	ug/l	100
8) Diethyl Ether	2.148	74	22411	46.301	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.343	101	45660	52.902	ug/l	92
10) Methyl Iodide	2.465	142	28087	30.020	ug/l	96
11) Tert butyl alcohol	2.958	59	32397	249.672	ug/l	99
12) 1,1-Dichloroethene	2.330	96	38340	49.131	ug/l	88
13) Acrolein	2.245	56	23057	159.292	ug/l	99
14) Allyl chloride	2.672	41	75668	49.373	ug/l	91
15) Acrylonitrile	3.068	53	131324	267.675	ug/l	99
16) Acetone	2.385	43	110264	240.301	ug/l	92
17) Carbon Disulfide	2.526	76	84624	51.068	ug/l	97
18) Methyl Acetate	2.715	43	78518	56.370	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	154832	56.703	ug/l	99
20) Methylene Chloride	2.800	84	49988	53.283	ug/l	86
21) trans-1,2-Dichloroethene	3.105	96	42387	51.326	ug/l	92
22) Diisopropyl ether	3.769	45	163646	54.159	ug/l #	82
23) Vinyl Acetate	3.727	43	628979	269.622	ug/l	97
24) 1,1-Dichloroethane	3.623	63	88688	52.665	ug/l	99
25) 2-Butanone	4.556	43	142771	219.319	ug/l	93
26) 2,2-Dichloropropane	4.483	77	66329	53.057	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	53997	53.114	ug/l	90
28) Bromochloromethane	4.909	49	32730	40.749	ug/l	85
29) Tetrahydrofuran	5.013	42	83549	203.227	ug/l	93
30) Chloroform	5.104	83	83734	47.455	ug/l	95
31) Cyclohexane	5.476	56	61276	45.073	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	76457	50.656	ug/l	95
36) 1,1-Dichloropropene	5.696	75	55174	45.164	ug/l	95
37) Ethyl Acetate	4.720	43	59347	49.775	ug/l	98
38) Carbon Tetrachloride	5.690	117	66485	48.589	ug/l	99
39) Methylcyclohexane	7.384	83	72091	49.996	ug/l	98
40) Benzene	6.043	78	181236	52.698	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	30889	41.719	ug/l	#	91
42) 1,2-Dichloroethane	6.092	62	69914	48.865	ug/l		96
43) Isopropyl Acetate	6.342	43	109505	52.682	ug/l		97
44) Trichloroethene	7.128	130	47067	53.863	ug/l		100
45) 1,2-Dichloropropane	7.433	63	49890	56.202	ug/l		95
46) Dibromomethane	7.580	93	36124	54.093	ug/l		93
47) Bromodichloromethane	7.823	83	77621	56.529	ug/l		95
48) Methyl methacrylate	7.695	41	56213	52.561	ug/l		92
49) 1,4-Dioxane	7.665	88	16766	1172.305	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	356465	269.870	ug/l		96
52) Toluene	8.720	92	119261	56.445	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	71311	57.922	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	79005	57.716	ug/l	#	87
55) 1,1,2-Trichloroethane	9.152	97	50740	59.821	ug/l		96
56) Ethyl methacrylate	9.116	69	77064	59.041	ug/l		91
57) 1,3-Dichloropropane	9.305	76	83772	55.887	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	195672	275.219	ug/l		96
59) 2-Hexanone	9.427	43	248355	262.167	ug/l		94
60) Dibromochloromethane	9.518	129	60505	60.644	ug/l		99
61) 1,2-Dibromoethane	9.610	107	50359	56.975	ug/l		96
64) Tetrachloroethene	9.274	164	38740	54.571	ug/l		95
65) Chlorobenzene	10.079	112	137650	55.130	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	50249	59.557	ug/l		98
67) Ethyl Benzene	10.195	91	234711	53.848	ug/l		96
68) m/p-Xylenes	10.299	106	176234	111.459	ug/l		95
69) o-Xylene	10.640	106	87498	57.212	ug/l		96
70) Styrene	10.652	104	153945	58.804	ug/l		95
71) Bromoform	10.798	173	40209	62.502	ug/l	#	99
73) Isopropylbenzene	10.963	105	235812	54.141	ug/l		100
74) N-amyl acetate	10.841	43	100215	52.248	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	75693	54.294	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	61189m	52.138	ug/l		
77) Bromobenzene	11.195	156	57221	56.601	ug/l		91
78) n-propylbenzene	11.304	91	274695	52.107	ug/l		98
79) 2-Chlorotoluene	11.359	91	162911	51.245	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	194861	53.688	ug/l		96
81) trans-1,4-Dichloro-2-b...	11.018	75	21081	51.816	ug/l		87
82) 4-Chlorotoluene	11.451	91	194132	51.520	ug/l		96
83) tert-Butylbenzene	11.713	119	202254	54.741	ug/l		94
84) 1,2,4-Trimethylbenzene	11.749	105	197768	53.863	ug/l		98
85) sec-Butylbenzene	11.890	105	256178	53.961	ug/l		99
86) p-Isopropyltoluene	12.006	119	214676	54.242	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	108408	55.222	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	109194	53.679	ug/l		99
89) n-Butylbenzene	12.329	91	201545	51.856	ug/l		98
90) Hexachloroethane	12.536	117	37564	53.401	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	106432	56.166	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16059	51.440	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	72901	56.396	ug/l		99
94) Hexachlorobutadiene	13.725	225	31087	51.748	ug/l		98
95) Naphthalene	13.774	128	234597	57.228	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	73190	56.465	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

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

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

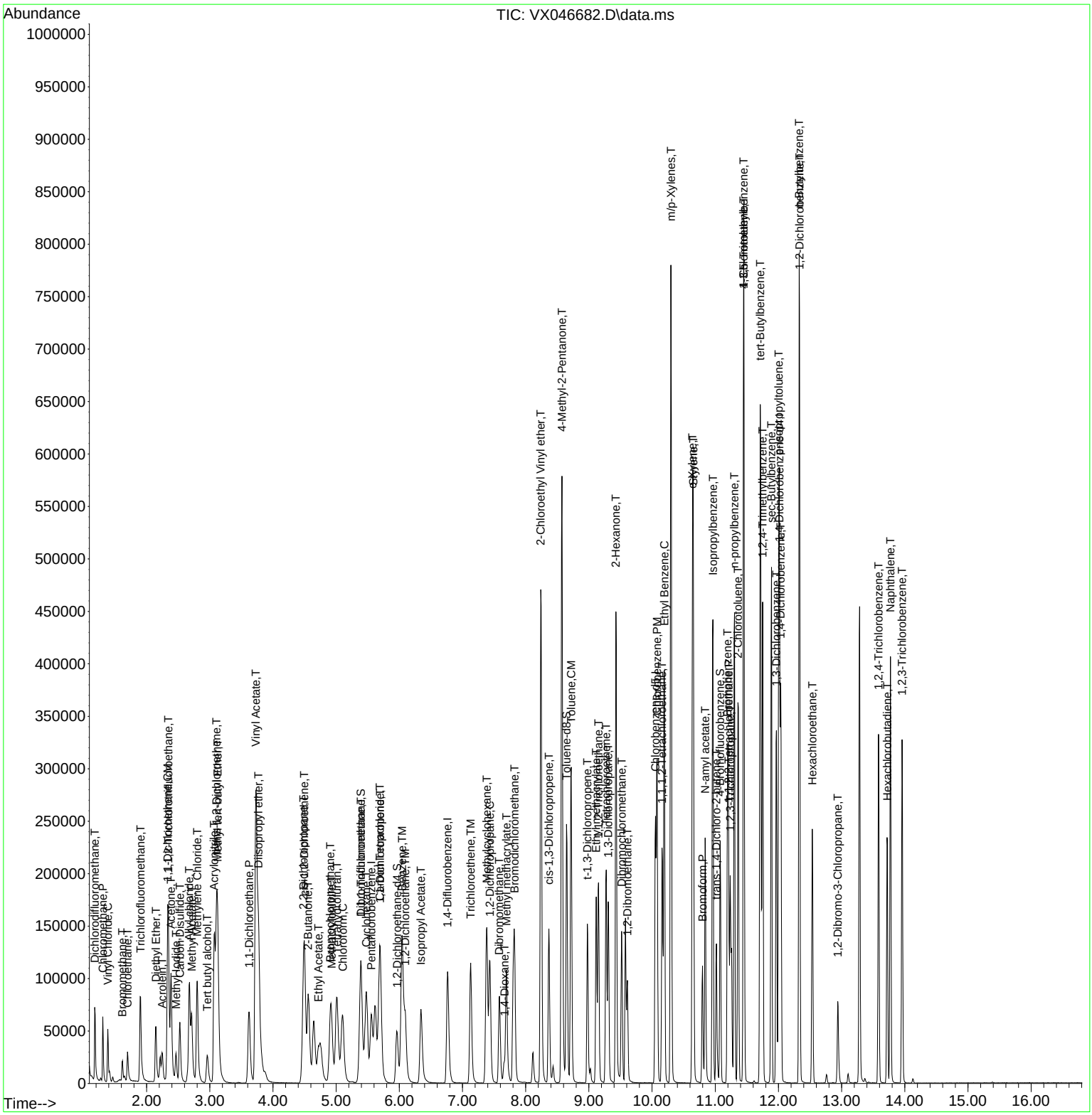
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



Sample Results: **VX046682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	73	-0.01
2	T	Dichlorodifluoromethane	0.694	0.701	-1.0	79	0.00
3	P	Chloromethane	0.632	0.593	6.2	75	0.00
4	C	Vinyl Chloride	0.630	0.534	15.2#	65	0.00
5	T	Bromomethane	0.382	0.151	60.5#	28#	0.00
6	T	Chloroethane	0.409	0.347	15.2	68	0.00
7	T	Trichlorofluoromethane	1.042	0.994	4.6	71	0.00
8	T	Diethyl Ether	0.368	0.341	7.3	70	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.657	0.695	-5.8	79	0.00
10	T	Methyl Iodide	0.712	0.427	40.0#	44#	0.00
11	T	Tert butyl alcohol	0.099	0.099	0.0	74	-0.01
12	CM	1,1-Dichloroethene	0.594	0.583	1.9#	75	0.00
13	T	Acrolein	0.103	0.070	32.0#	46#	0.00
14	T	Allyl chloride	1.166	1.151	1.3	74	-0.01
15	T	Acrylonitrile	0.373	0.400	-7.2	77	-0.01
16	T	Acetone	0.381	0.336	11.8	72	0.00
17	T	Carbon Disulfide	1.481	1.287	13.1	77	0.00
18	T	Methyl Acetate	1.060	1.195	-12.7	77	0.00
19	T	Methyl tert-butyl Ether	2.077	2.356	-13.4	81	-0.01
20	T	Methylene Chloride	0.714	0.761	-6.6	84	0.00
21	T	trans-1,2-Dichloroethene	0.628	0.645	-2.7	81	0.00
22	T	Diisopropyl ether	2.298	2.490	-8.4	78	-0.01
23	T	Vinyl Acetate	1.775	1.914	-7.8	76	-0.01
24	P	1,1-Dichloroethane	1.281	1.349	-5.3	78	0.00
25	T	2-Butanone	0.495	0.434	12.3	63	-0.02
26	T	2,2-Dichloropropane	0.951	1.009	-6.1	76	-0.01
27	T	cis-1,2-Dichloroethene	0.773	0.822	-6.3	81	-0.01
28	T	Bromochloromethane	0.611	0.498	18.5	62	0.00
29	T	Tetrahydrofuran	0.313	0.254	18.8	59	0.00
30	C	Chloroform	1.342	1.274	5.1#	71	0.00
31	T	Cyclohexane	1.034	0.932	9.9	68	-0.01
32	T	1,1,1-Trichloroethane	1.148	1.163	-1.3	74	0.00
33	S	1,2-Dichloroethane-d4	0.890	0.809	9.1	68	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	-0.01
35	S	Dibromofluoromethane	0.368	0.364	1.1	74	-0.01
36	T	1,1-Dichloropropene	0.525	0.474	9.7	73	-0.02
37	T	Ethyl Acetate	0.513	0.510	0.6	69	-0.01
38	T	Carbon Tetrachloride	0.588	0.572	2.7	75	0.00
39	T	Methylcyclohexane	0.620	0.620	0.0	81	0.00
40	TM	Benzene	1.479	1.558	-5.3	81	-0.01
41	T	Methacrylonitrile	0.318	0.266	16.4	61	0.00
42	TM	1,2-Dichloroethane	0.615	0.601	2.3	73	0.00
43	T	Isopropyl Acetate	0.894	0.942	-5.4	76	-0.01
44	TM	Trichloroethene	0.376	0.405	-7.7	86	0.00
45	C	1,2-Dichloropropane	0.382	0.429	-12.3#	84	0.00
46	T	Dibromomethane	0.287	0.311	-8.4	83	0.00
47	T	Bromodichloromethane	0.590	0.667	-13.1	82	0.00
48	T	Methyl methacrylate	0.460	0.483	-5.0	75	0.00

Sample Results: **VX046682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	0.006	0.007	-16.7	85	0.00
50	S	Toluene-d8	1.212	1.271	-4.9	80	0.00
51	T	4-Methyl-2-Pentanone	0.568	0.613	-7.9	77	0.00
52	CM	Toluene	0.908	1.025	-12.9#	86	0.00
53	T	t-1,3-Dichloropropene	0.529	0.613	-15.9	84	0.00
54	T	cis-1,3-Dichloropropene	0.589	0.679	-15.3	86	0.00
55	T	1,1,2-Trichloroethane	0.365	0.436	-19.5	89	0.00
56	T	Ethyl methacrylate	0.561	0.663	-18.2	85	0.00
57	T	1,3-Dichloropropane	0.644	0.720	-11.8	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.306	0.337	-10.1	79	0.00
59	T	2-Hexanone	0.407	0.427	-4.9	75	0.00
60	T	Dibromochloromethane	0.429	0.520	-21.2	90	0.00
61	T	1,2-Dibromoethane	0.380	0.433	-13.9	87	0.00
62	S	4-Bromofluorobenzene	0.502	0.541	-7.8	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64	T	Tetrachloroethene	0.334	0.365	-9.3	92	0.00
65	PM	Chlorobenzene	1.176	1.297	-10.3	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.397	0.473	-19.1	91	0.00
67	C	Ethyl Benzene	2.053	2.211	-7.7#	85	0.00
68	T	m/p-Xylenes	0.745	0.830	-11.4	88	0.00
69	T	o-Xylene	0.720	0.824	-14.4	89	0.00
70	T	Styrene	1.233	1.450	-17.6	90	0.00
71	P	Bromoform	0.303	0.379	-25.1#	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73	T	Isopropylbenzene	3.930	4.256	-8.3	88	0.00
74	T	N-amyl acetate	1.731	1.809	-4.5	81	0.00
75	P	1,1,2,2-Tetrachloroethane	1.258	1.366	-8.6	87	0.00
76	T	1,2,3-Trichloropropane	1.059	1.104	-4.2	85	0.00
77	T	Bromobenzene	0.912	1.033	-13.3	94	0.00
78	T	n-propylbenzene	4.757	4.958	-4.2	85	0.00
79	T	2-Chlorotoluene	2.869	2.940	-2.5	85	0.00
80	T	1,3,5-Trimethylbenzene	3.275	3.517	-7.4	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.367	0.380	-3.5	83	0.00
82	T	4-Chlorotoluene	3.400	3.504	-3.1	86	0.00
83	T	tert-Butylbenzene	3.334	3.650	-9.5	89	0.00
84	T	1,2,4-Trimethylbenzene	3.313	3.569	-7.7	88	0.00
85	T	sec-Butylbenzene	4.284	4.624	-7.9	89	0.00
86	T	p-Isopropyltoluene	3.572	3.875	-8.5	90	0.00
87	T	1,3-Dichlorobenzene	1.772	1.957	-10.4	94	0.00
88	T	1,4-Dichlorobenzene	1.836	1.971	-7.4	95	0.00
89	T	n-Butylbenzene	3.507	3.638	-3.7	87	0.00
90	T	Hexachloroethane	0.635	0.678	-6.8	90	0.00
91	T	1,2-Dichlorobenzene	1.710	1.921	-12.3	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.282	0.290	-2.8	82	0.00
93	T	1,2,4-Trichlorobenzene	1.167	1.316	-12.8	98	0.00
94	T	Hexachlorobutadiene	0.542	0.561	-3.5	90	0.00
95	T	Naphthalene	3.699	4.234	-14.5	91	0.00

Sample Results: **VX046682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	1.170	1.321	-12.9	97	0.00

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

Sample Results: **VX046682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	73	-0.01
2	T	Dichlorodifluoromethane	50.000	50.506	-1.0	79	0.00
3	P	Chloromethane	50.000	46.892	6.2	75	0.00
4	C	Vinyl Chloride	50.000	42.423	15.2#	65	0.00
5	T	Bromomethane	50.000	19.691	60.6#	28	0.00
6	T	Chloroethane	50.000	42.465	15.1	68	0.00
7	T	Trichlorofluoromethane	50.000	47.707	4.6	71	0.00
8	T	Diethyl Ether	50.000	46.301	7.4	70	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.902	-5.8	79	0.00
10	T	Methyl Iodide	50.000	30.020	40.0#	44	0.00
11	T	Tert butyl alcohol	250.000	249.672	0.1	74	-0.01
12	CM	1,1-Dichloroethene	50.000	49.131	1.7#	75	0.00
13	T	Acrolein	250.000	159.292	36.3#	46	0.00
14	T	Allyl chloride	50.000	49.373	1.3	74	-0.01
15	T	Acrylonitrile	250.000	267.675	-7.1	77	-0.01
16	T	Acetone	250.000	240.301	3.9	72	0.00
17	T	Carbon Disulfide	50.000	51.068	-2.1	77	0.00
18	T	Methyl Acetate	50.000	56.370	-12.7	77	0.00
19	T	Methyl tert-butyl Ether	50.000	56.703	-13.4	81	-0.01
20	T	Methylene Chloride	50.000	53.283	-6.6	84	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.326	-2.7	81	0.00
22	T	Diisopropyl ether	50.000	54.159	-8.3	78	-0.01
23	T	Vinyl Acetate	250.000	269.622	-7.8	76	-0.01
24	P	1,1-Dichloroethane	50.000	52.665	-5.3	78	0.00
25	T	2-Butanone	250.000	219.319	12.3	63	-0.02
26	T	2,2-Dichloropropane	50.000	53.057	-6.1	76	-0.01
27	T	cis-1,2-Dichloroethene	50.000	53.114	-6.2	81	-0.01
28	T	Bromochloromethane	50.000	40.749	18.5	62	0.00
29	T	Tetrahydrofuran	250.000	203.227	18.7	59	0.00
30	C	Chloroform	50.000	47.455	5.1#	71	0.00
31	T	Cyclohexane	50.000	45.073	9.9	68	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.656	-1.3	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.447	9.1	68	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	-0.01
35	S	Dibromofluoromethane	50.000	49.537	0.9	74	-0.01
36	T	1,1-Dichloropropene	50.000	45.164	9.7	73	-0.02
37	T	Ethyl Acetate	50.000	49.775	0.5	69	-0.01
38	T	Carbon Tetrachloride	50.000	48.589	2.8	75	0.00
39	T	Methylcyclohexane	50.000	49.996	0.0	81	0.00
40	TM	Benzene	50.000	52.698	-5.4	81	-0.01
41	T	Methacrylonitrile	50.000	41.719	16.6	61	0.00
42	TM	1,2-Dichloroethane	50.000	48.865	2.3	73	0.00
43	T	Isopropyl Acetate	50.000	52.682	-5.4	76	-0.01
44	TM	Trichloroethene	50.000	53.863	-7.7	86	0.00
45	C	1,2-Dichloropropane	50.000	56.202	-12.4#	84	0.00
46	T	Dibromomethane	50.000	54.093	-8.2	83	0.00
47	T	Bromodichloromethane	50.000	56.529	-13.1	82	0.00
48	T	Methyl methacrylate	50.000	52.561	-5.1	75	0.00

Sample Results: **VX046682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	1172.305	-17.2	85	0.00
50	S	Toluene-d8	50.000	52.434	-4.9	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.870	-7.9	77	0.00
52	CM	Toluene	50.000	56.445	-12.9#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	57.922	-15.8	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.716	-15.4	86	0.00
55	T	1,1,2-Trichloroethane	50.000	59.821	-19.6	89	0.00
56	T	Ethyl methacrylate	50.000	59.041	-18.1	85	0.00
57	T	1,3-Dichloropropane	50.000	55.887	-11.8	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.219	-10.1	79	0.00
59	T	2-Hexanone	250.000	262.167	-4.9	75	0.00
60	T	Dibromochloromethane	50.000	60.644	-21.3	90	0.00
61	T	1,2-Dibromoethane	50.000	56.975	-14.0	87	0.00
62	S	4-Bromofluorobenzene	50.000	53.887	-7.8	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	54.571	-9.1	92	0.00
65	PM	Chlorobenzene	50.000	55.130	-10.3	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.557	-19.1	91	0.00
67	C	Ethyl Benzene	50.000	53.848	-7.7#	85	0.00
68	T	m/p-Xylenes	100.000	111.459	-11.5	88	0.00
69	T	o-Xylene	50.000	57.212	-14.4	89	0.00
70	T	Styrene	50.000	58.804	-17.6	90	0.00
71	P	Bromoform	50.000	62.502	-25.0#	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	54.141	-8.3	88	0.00
74	T	N-amyl acetate	50.000	52.248	-4.5	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.294	-8.6	87	0.00
76	T	1,2,3-Trichloropropane	50.000	52.138	-4.3	85	0.00
77	T	Bromobenzene	50.000	56.601	-13.2	94	0.00
78	T	n-propylbenzene	50.000	52.107	-4.2	85	0.00
79	T	2-Chlorotoluene	50.000	51.245	-2.5	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.688	-7.4	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.816	-3.6	83	0.00
82	T	4-Chlorotoluene	50.000	51.520	-3.0	86	0.00
83	T	tert-Butylbenzene	50.000	54.741	-9.5	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.863	-7.7	88	0.00
85	T	sec-Butylbenzene	50.000	53.961	-7.9	89	0.00
86	T	p-Isopropyltoluene	50.000	54.242	-8.5	90	0.00
87	T	1,3-Dichlorobenzene	50.000	55.222	-10.4	94	0.00
88	T	1,4-Dichlorobenzene	50.000	53.679	-7.4	95	0.00
89	T	n-Butylbenzene	50.000	51.856	-3.7	87	0.00
90	T	Hexachloroethane	50.000	53.401	-6.8	90	0.00
91	T	1,2-Dichlorobenzene	50.000	56.166	-12.3	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.440	-2.9	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.396	-12.8	98	0.00
94	T	Hexachlorobutadiene	50.000	51.748	-3.5	90	0.00
95	T	Naphthalene	50.000	57.228	-14.5	91	0.00

Sample Results: **VX046682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046682.D
Acq On : 13 Jun 2025 12:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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	56.465	-12.9	97	0.00

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

QC SAMPLE DATA

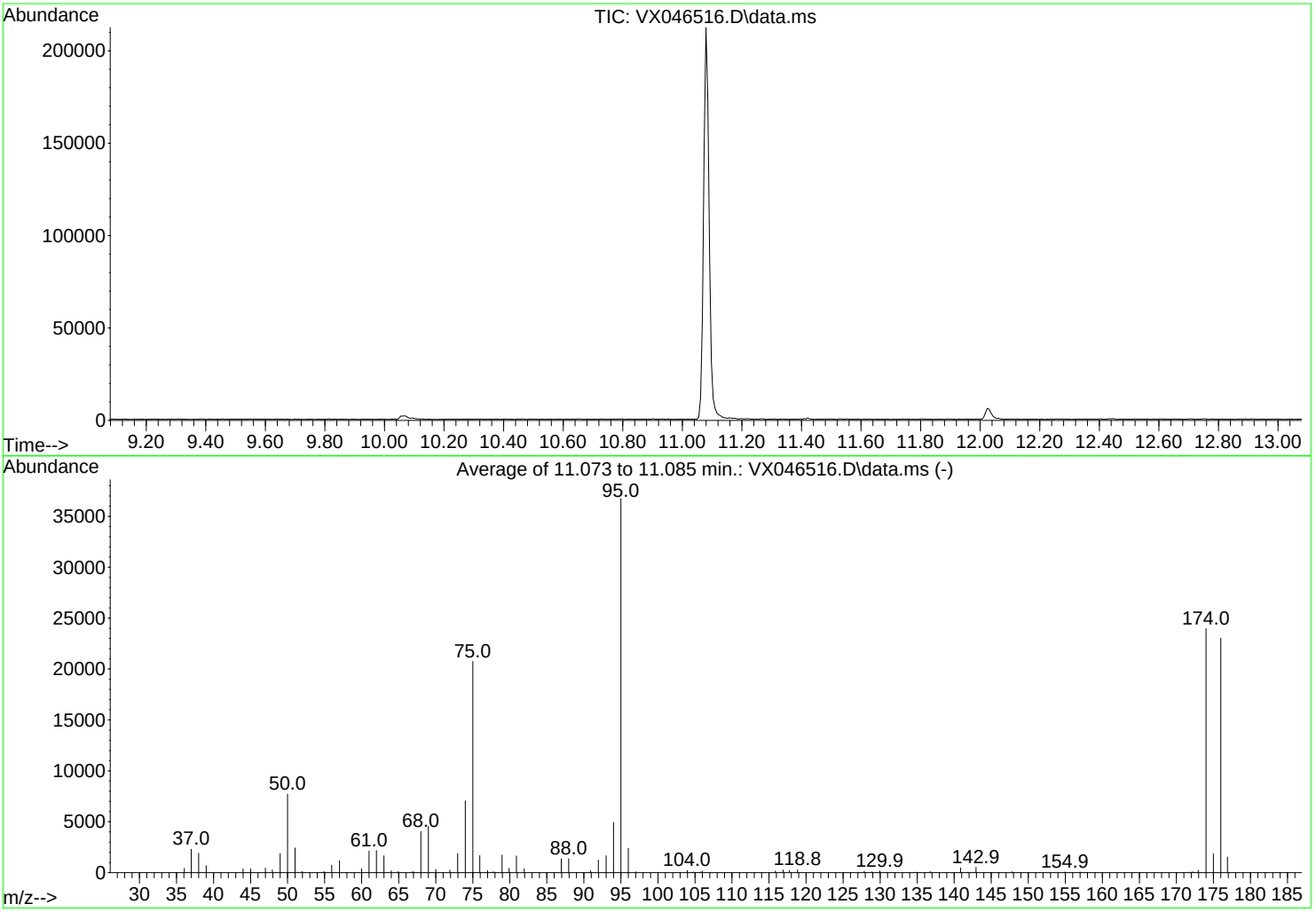
Sample Results: **VX046516.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046516.D
Acq On : 06 Jun 2025 08:47
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\82X060625W.M
Title : SW846 8260
Last Update : Fri Jun 06 16:56:12 2025



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.0	7727	PASS
75	95	30	60	56.5	20747	PASS
95	95	100	100	100.0	36752	PASS
96	95	5	9	6.5	2397	PASS
173	174	0.00	2	1.0	238	PASS
174	95	50	100	65.2	23963	PASS
175	174	5	9	7.7	1850	PASS
176	174	95	101	96.1	23028	PASS
177	176	5	9	6.6	1530	PASS

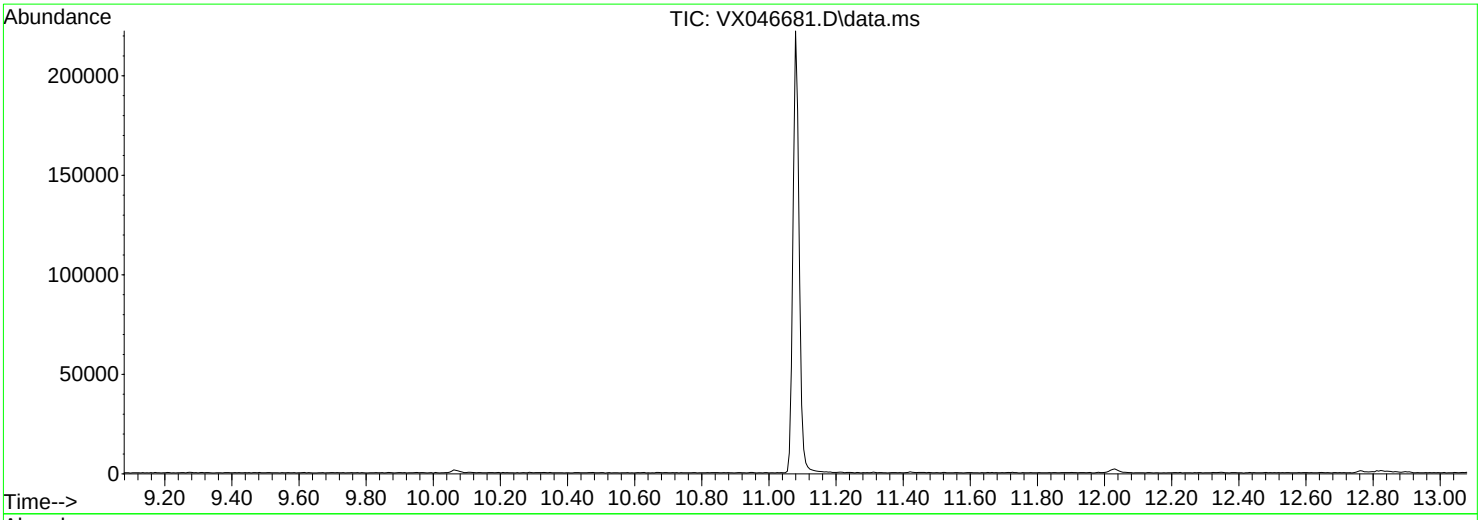
Sample Results: **VX046681.D**

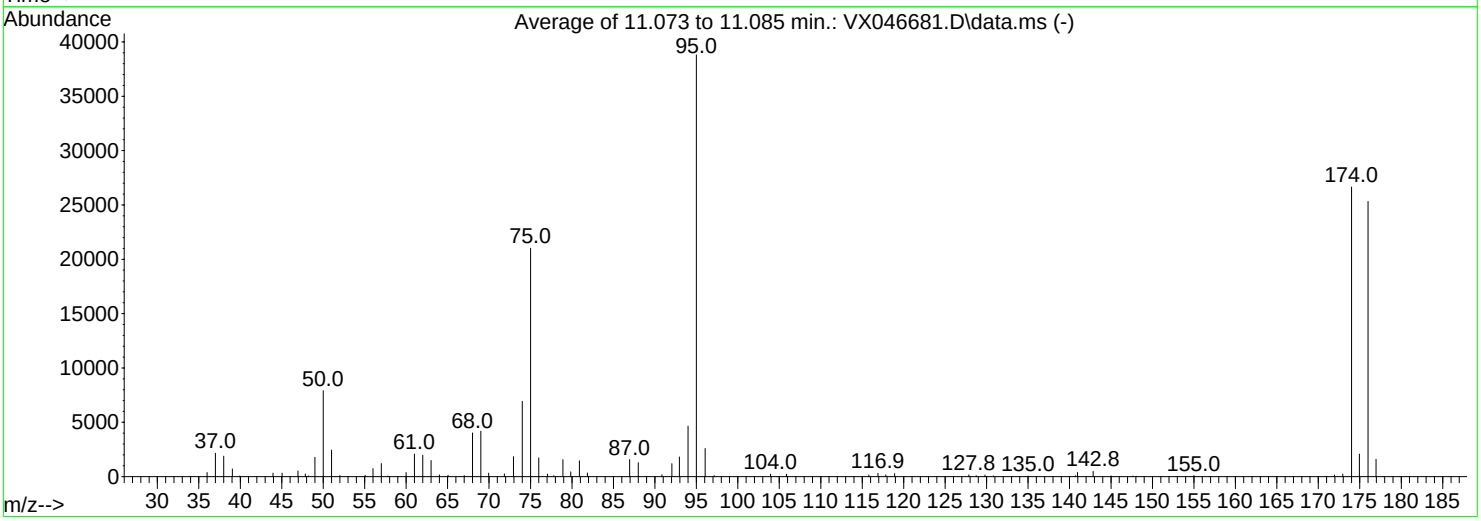
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046681.D
Acq On : 13 Jun 2025 11:58
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Jun 11 06:20:28 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	7907	PASS
75	95	30	60	54.1	21016	PASS
95	95	100	100	100.0	38811	PASS
96	95	5	9	6.7	2597	PASS
173	174	0.00	2	0.9	231	PASS
174	95	50	100	68.7	26645	PASS
175	174	5	9	7.8	2080	PASS
176	174	95	101	95.1	25331	PASS
177	176	5	9	6.3	1601	PASS

Raw Data: **VX046684.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0613WBL02	SDG No.:	Q2301
Lab Sample ID:	VX0613WBL02	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046684.D	1		06/13/25 13:19	VX061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.00026	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.00023	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.00098	U	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.00025	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.00025	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.00015	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.00022	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.000090	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.00023	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.00012	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	54.0		70 (86) - 130 (113)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	93800	5.568			
540-36-3	1,4-Difluorobenzene	167000	6.769			
3114-55-4	Chlorobenzene-d5	150000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	74300	12.018			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046684.D
Acq On : 13 Jun 2025 13:19
Operator : JC/MD
Sample : VX0613WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Quant Time: Jun 13 23:27:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

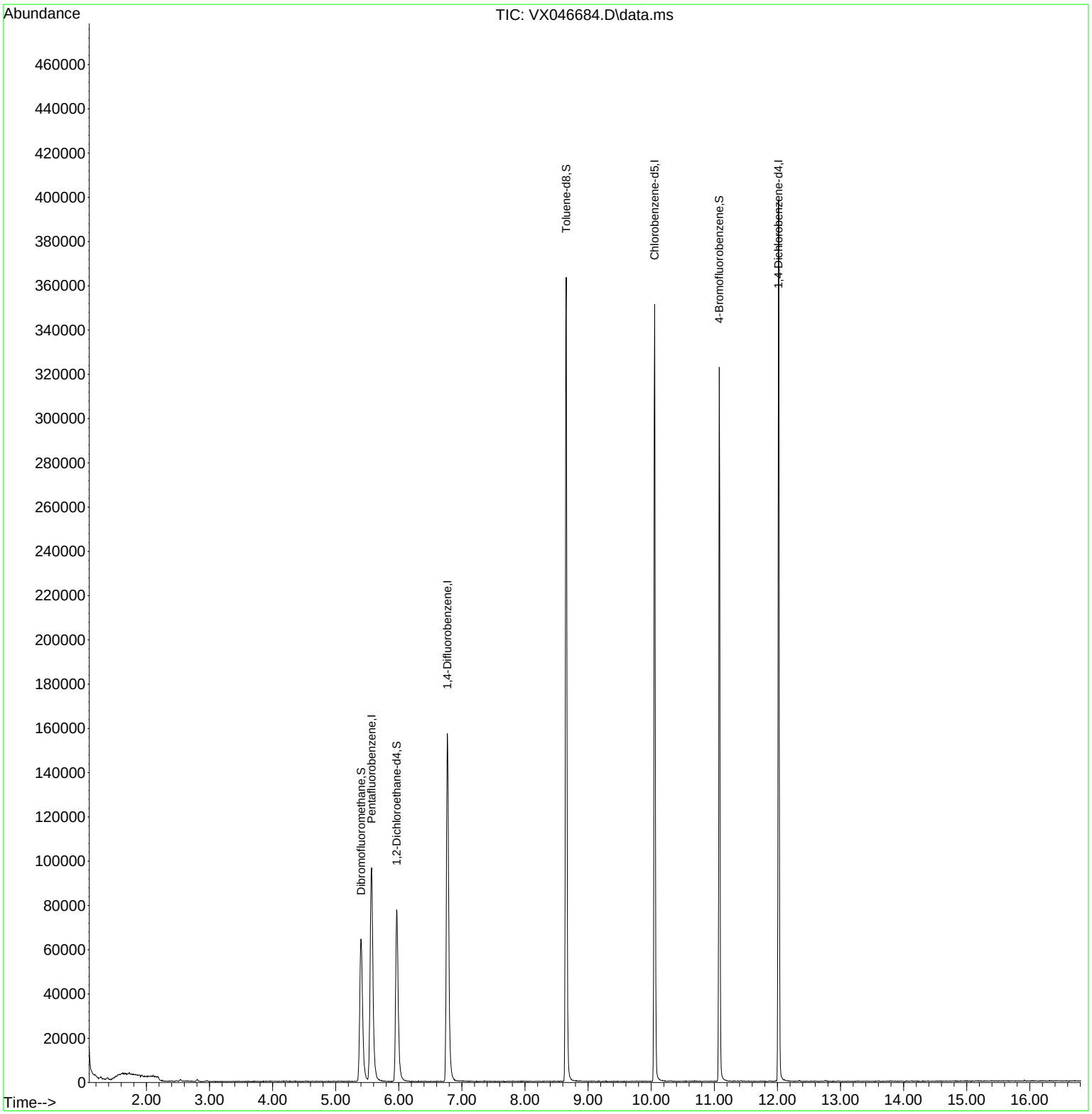
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	93820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83712	50.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.300%			
35) Dibromofluoromethane	5.403	113	61934	50.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	8.653	98	219047	53.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.980%			
62) 4-Bromofluorobenzene	11.079	95	85998	51.227	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.460%			
Target Compounds						Qvalue

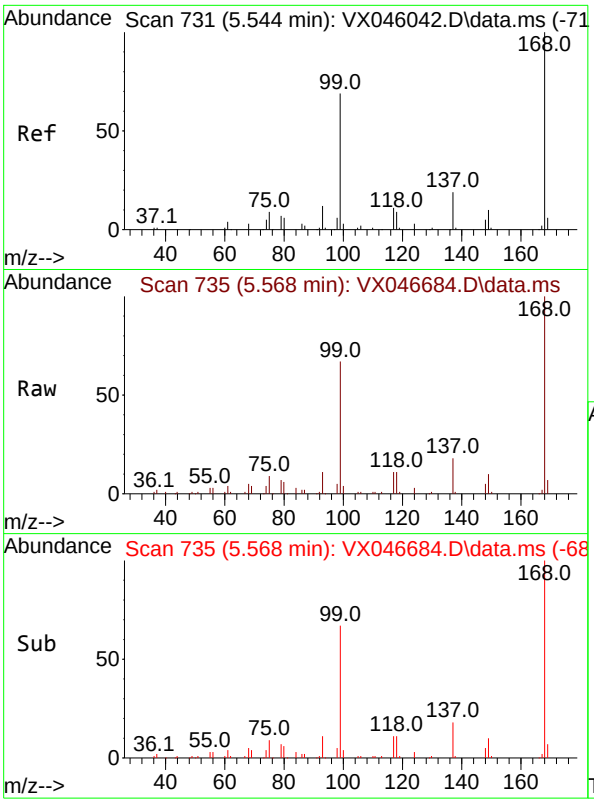
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046684.D
Acq On : 13 Jun 2025 13:19
Operator : JC/MD
Sample : VX0613WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Quant Time: Jun 13 23:27:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



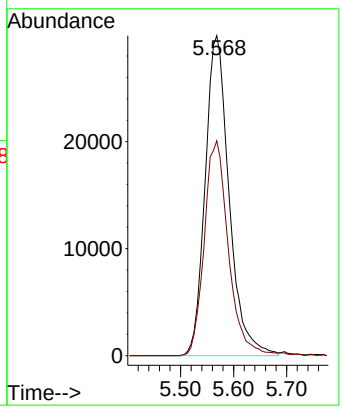


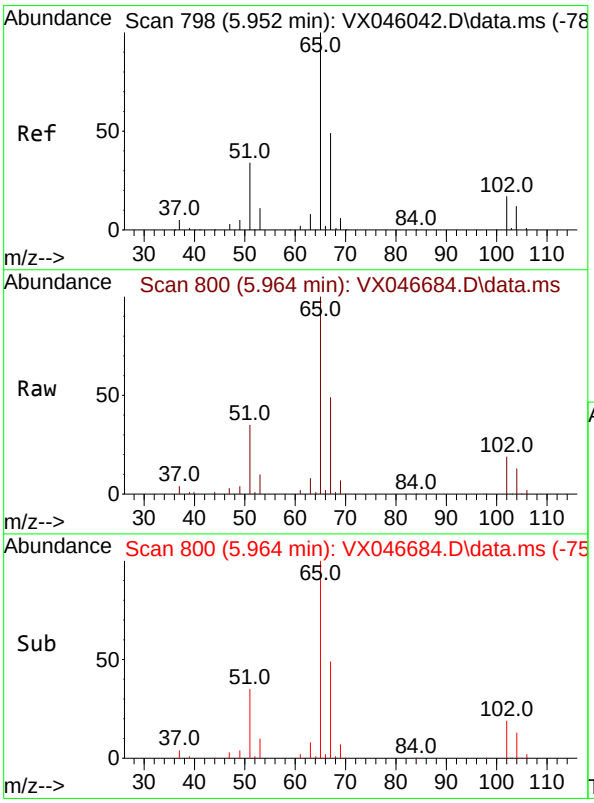
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Tgt Ion:168 Resp: 93820

Ion	Ratio	Lower	Upper
168	100		
99	67.2	54.9	82.3

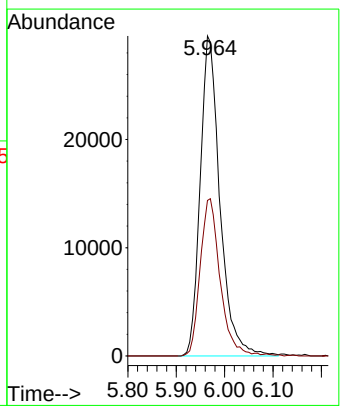


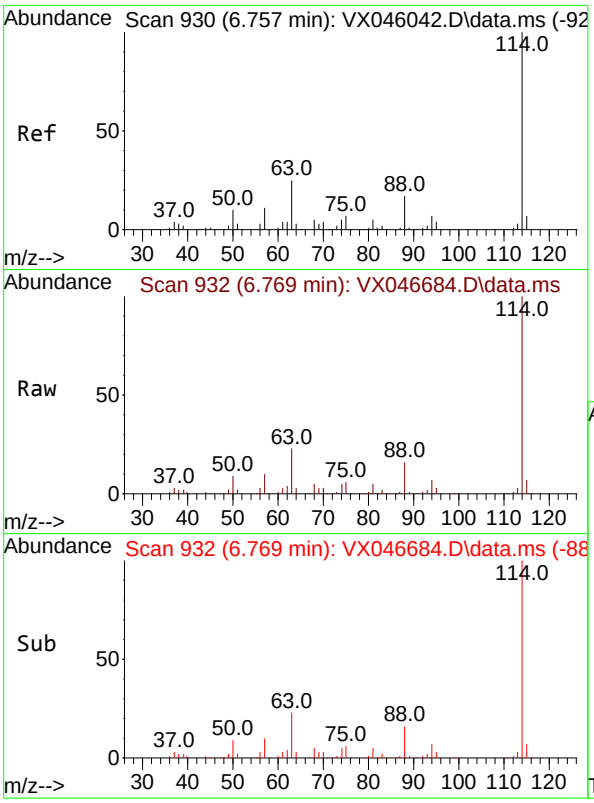


#33
1,2-Dichloroethane-d4
Concen: 50.152 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 65 Resp: 83712

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.0



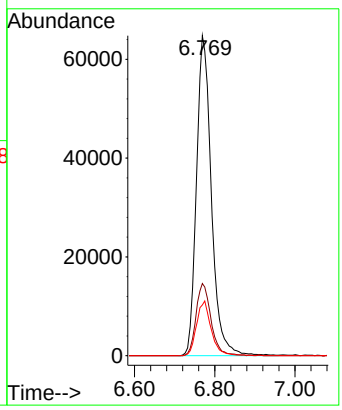


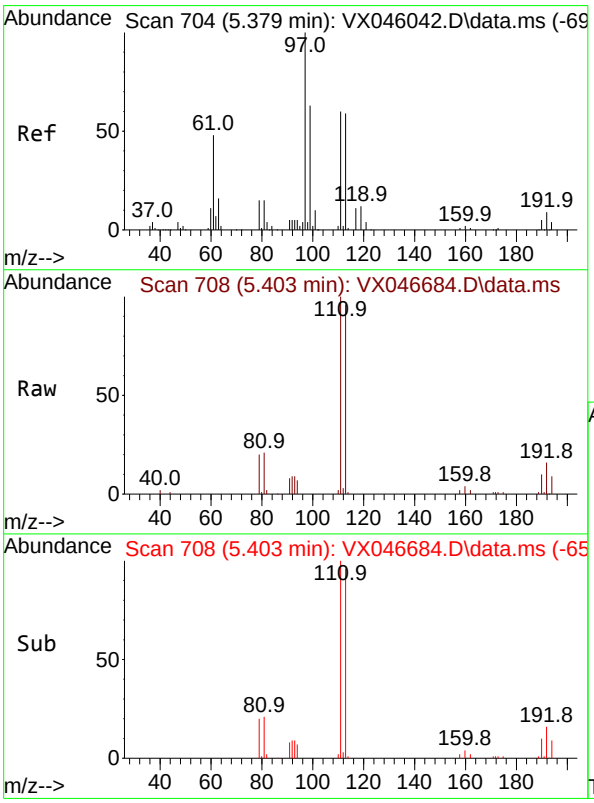
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Tgt Ion:114 Resp: 167354

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	49.2
88	15.8	0.0	33.6

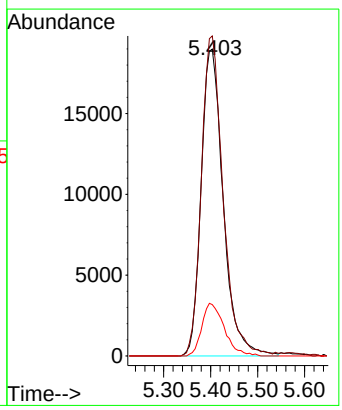


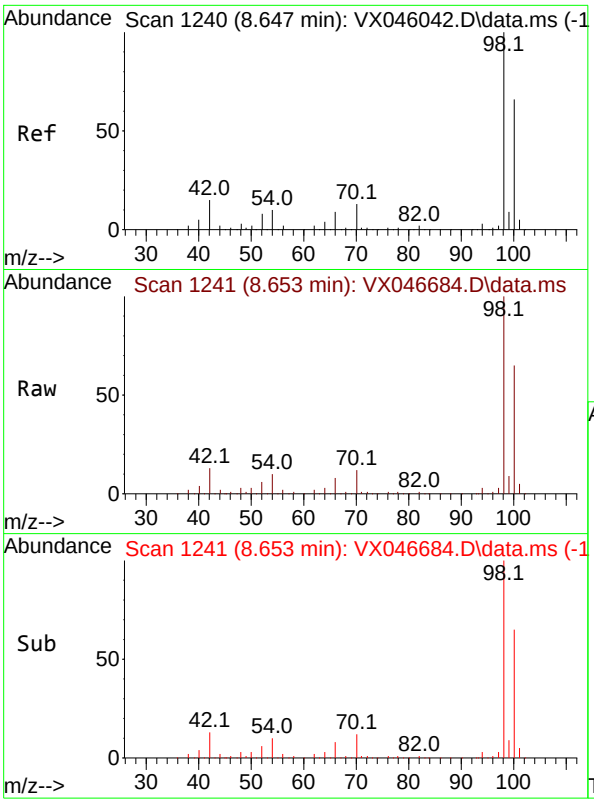


#35
Dibromofluoromethane
Concen: 50.324 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion:113 Resp: 61934

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.1	124.7
192	17.5	13.3	19.9



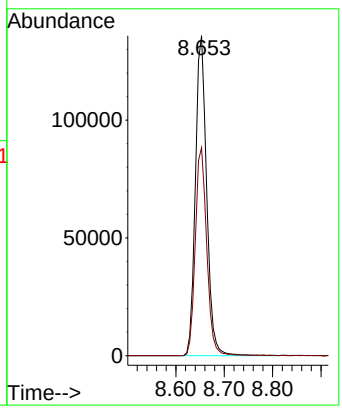


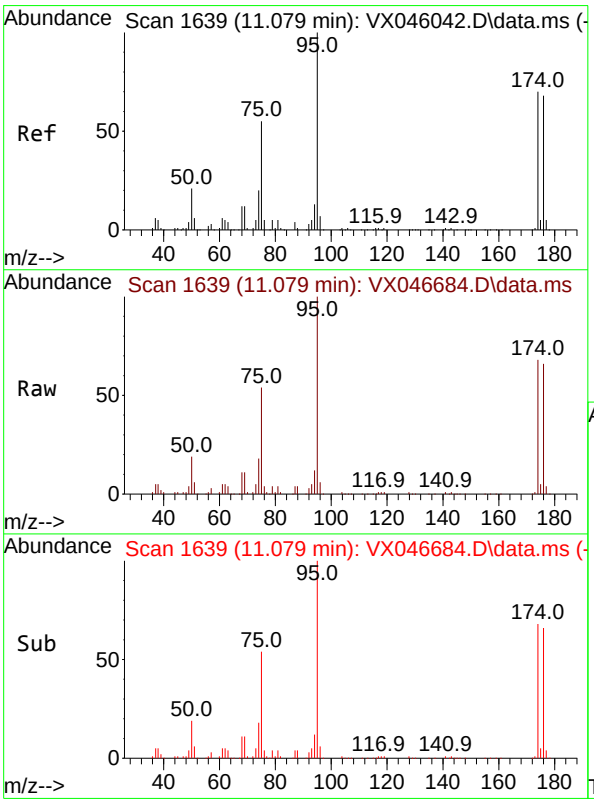
#50
Toluene-d8
Concen: 53.985 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Tgt Ion: 98 Resp: 219047

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.5	80.3

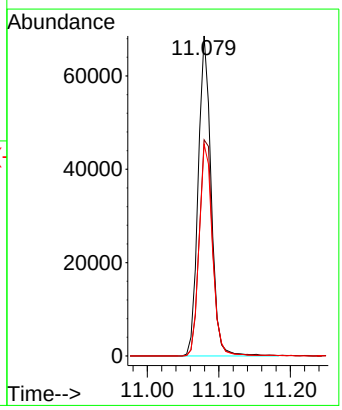


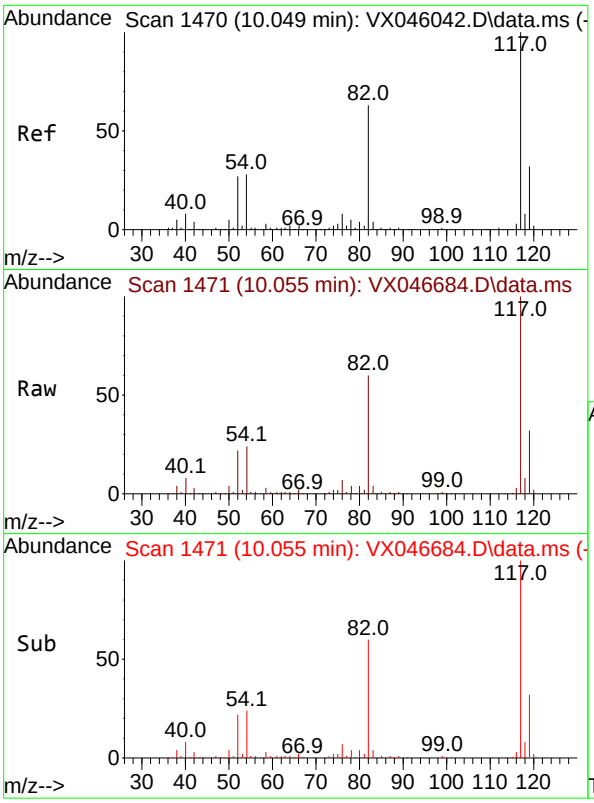


#62
4-Bromofluorobenzene
Concen: 51.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 95 Resp: 85998

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	135.8
176	68.0	0.0	131.4



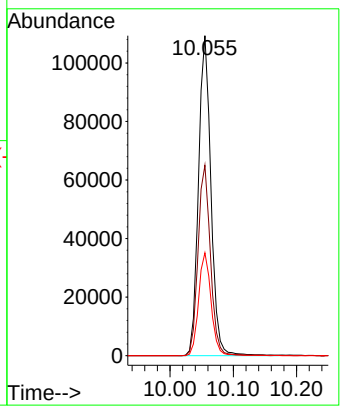


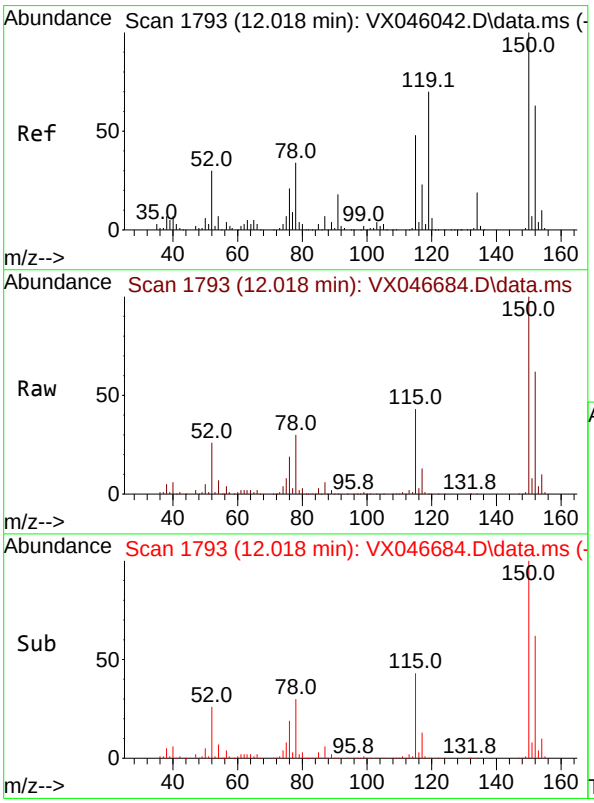
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Tgt Ion:117 Resp: 149855

Ion	Ratio	Lower	Upper
117	100		
82	59.5	50.6	76.0
119	32.2	25.8	38.6

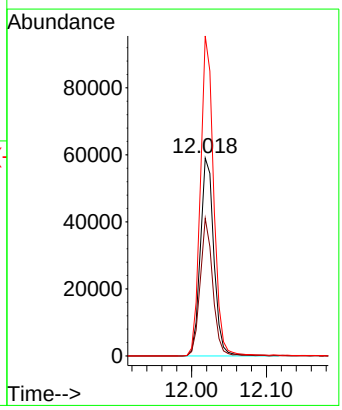




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion:152 Resp: 74343

Ion	Ratio	Lower	Upper
152	100		
115	64.7	46.9	140.7
150	158.1	0.0	351.0



Raw Data: **VX046685.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0613WBS02	SDG No.:	Q2301
Lab Sample ID:	VX0613WBS02	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046685.D	1		06/13/25 13:45	VX061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.016		0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.019		0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.094		0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.019		0.00025	0.0050	mg/L
67-66-3	Chloroform	0.021		0.00025	0.0050	mg/L
71-43-2	Benzene	0.021		0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.020		0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.020		0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.021		0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.021		0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		70 (74) - 130 (125)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	70500	5.556			
540-36-3	1,4-Difluorobenzene	120000	6.769			
3114-55-4	Chlorobenzene-d5	109000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	57900	12.018			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046685.D
Acq On : 13 Jun 2025 13:45
Operator : JC/MD
Sample : VX0613WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 13 23:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	70456	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	119817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58680	46.814	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.620%			
35) Dibromofluoromethane	5.391	113	47276	53.654	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	8.647	98	154024	53.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.040%			
62) 4-Bromofluorobenzene	11.079	95	66322	55.180	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	16691	17.064	ug/l	98
3) Chloromethane	1.307	50	14058	15.790	ug/l	99
4) Vinyl Chloride	1.386	62	14163	15.958	ug/l	100
5) Bromomethane	1.624	94	4484	8.322	ug/l	93
6) Chloroethane	1.703	64	10209	17.729	ug/l	100
7) Trichlorofluoromethane	1.904	101	26378	17.963	ug/l	100
8) Diethyl Ether	2.142	74	9609	18.520	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.343	101	18396	19.884	ug/l	95
10) Methyl Iodide	2.465	142	9237	9.210	ug/l	99
11) Tert butyl alcohol	2.965	59	13171	94.694	ug/l	98
12) 1,1-Dichloroethene	2.331	96	15913	19.024	ug/l	92
13) Acrolein	2.245	56	9064	77.420	ug/l	99
14) Allyl chloride	2.678	41	30613	18.635	ug/l	91
15) Acrylonitrile	3.074	53	52797	100.395	ug/l	99
16) Acetone	2.386	43	43754	91.850	ug/l	92
17) Carbon Disulfide	2.526	76	32725	18.553	ug/l #	94
18) Methyl Acetate	2.715	43	31390	21.024	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	60380	20.629	ug/l	99
20) Methylene Chloride	2.800	84	19357	19.249	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	16422	18.551	ug/l	85
22) Diisopropyl ether	3.769	45	65781	20.310	ug/l #	66
23) Vinyl Acetate	3.733	43	244447	97.756	ug/l	97
24) 1,1-Dichloroethane	3.623	63	35201	19.501	ug/l	99
25) 2-Butanone	4.562	43	65694	94.146	ug/l	100
26) 2,2-Dichloropropane	4.483	77	26812	20.008	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	22231	20.400	ug/l	91
28) Bromochloromethane	4.910	49	24962	28.993	ug/l	91
29) Tetrahydrofuran	5.013	42	41904	95.090	ug/l	99
30) Chloroform	5.111	83	38816	20.523	ug/l	100
31) Cyclohexane	5.483	56	27779	19.063	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	31961	19.755	ug/l	97
36) 1,1-Dichloropropene	5.702	75	23491	18.664	ug/l	98
37) Ethyl Acetate	4.727	43	21550	17.543	ug/l #	94
38) Carbon Tetrachloride	5.684	117	26986	19.143	ug/l	94
39) Methylcyclohexane	7.385	83	27309	18.382	ug/l	98
40) Benzene	6.043	78	73107	20.633	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046685.D
Acq On : 13 Jun 2025 13:45
Operator : JC/MD
Sample : VX0613WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 13 23:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	15121	19.822	ug/l		95
42) 1,2-Dichloroethane	6.092	62	29370	19.924	ug/l		96
43) Isopropyl Acetate	6.348	43	43227	20.185	ug/l		99
44) Trichloroethene	7.129	130	18128	20.136	ug/l		100
45) 1,2-Dichloropropane	7.433	63	19281	21.082	ug/l		95
46) Dibromomethane	7.586	93	14589	21.204	ug/l		98
47) Bromodichloromethane	7.824	83	30989	21.905	ug/l		98
48) Methyl methacrylate	7.696	41	22318	20.255	ug/l		94
49) 1,4-Dioxane	7.665	88	6699	454.640	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	144159	105.932	ug/l		98
52) Toluene	8.720	92	47033	21.606	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	26554	20.935	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	29705	21.063	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	20354	23.292	ug/l		99
56) Ethyl methacrylate	9.116	69	29012	21.574	ug/l		94
57) 1,3-Dichloropropane	9.311	76	33749	21.854	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	85354	116.525	ug/l		96
59) 2-Hexanone	9.427	43	101993	104.502	ug/l		97
60) Dibromochloromethane	9.518	129	23317	22.684	ug/l		99
61) 1,2-Dibromoethane	9.610	107	19907	21.861	ug/l		98
64) Tetrachloroethene	9.275	164	15297	21.010	ug/l		97
65) Chlorobenzene	10.079	112	53741	20.986	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	19684	22.747	ug/l		99
67) Ethyl Benzene	10.195	91	92007	20.581	ug/l		98
68) m/p-Xylenes	10.299	106	70532	43.493	ug/l		96
69) o-Xylene	10.640	106	34440	21.956	ug/l		97
70) Styrene	10.652	104	60084	22.377	ug/l		98
71) Bromoform	10.799	173	15237	23.093	ug/l	#	97
73) Isopropylbenzene	10.963	105	94541	20.766	ug/l		99
74) N-amyl acetate	10.841	43	40078	19.990	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	31701	21.754	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	25337m	20.655	ug/l		
77) Bromobenzene	11.195	156	22654	21.438	ug/l		94
78) n-propylbenzene	11.305	91	111649	20.262	ug/l		99
79) 2-Chlorotoluene	11.360	91	68354	20.571	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	78813	20.775	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	7850	18.460	ug/l		93
82) 4-Chlorotoluene	11.451	91	79949	20.299	ug/l		97
83) tert-Butylbenzene	11.713	119	80342	20.804	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	79571	20.733	ug/l		98
85) sec-Butylbenzene	11.890	105	103234	20.804	ug/l		100
86) p-Isopropyltoluene	12.006	119	86035	20.797	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	43622	21.259	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	43183	20.310	ug/l		98
89) n-Butylbenzene	12.329	91	82450	20.295	ug/l		99
90) Hexachloroethane	12.536	117	14114	19.196	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	42603	21.509	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6515	19.965	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	28086	20.787	ug/l		98
94) Hexachlorobutadiene	13.725	225	12529	19.953	ug/l		100
95) Naphthalene	13.774	128	88699	20.701	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26971	19.907	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046685.D
Acq On : 13 Jun 2025 13:45
Operator : JC/MD
Sample : VX0613WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Quant Time: Jun 13 23:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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

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

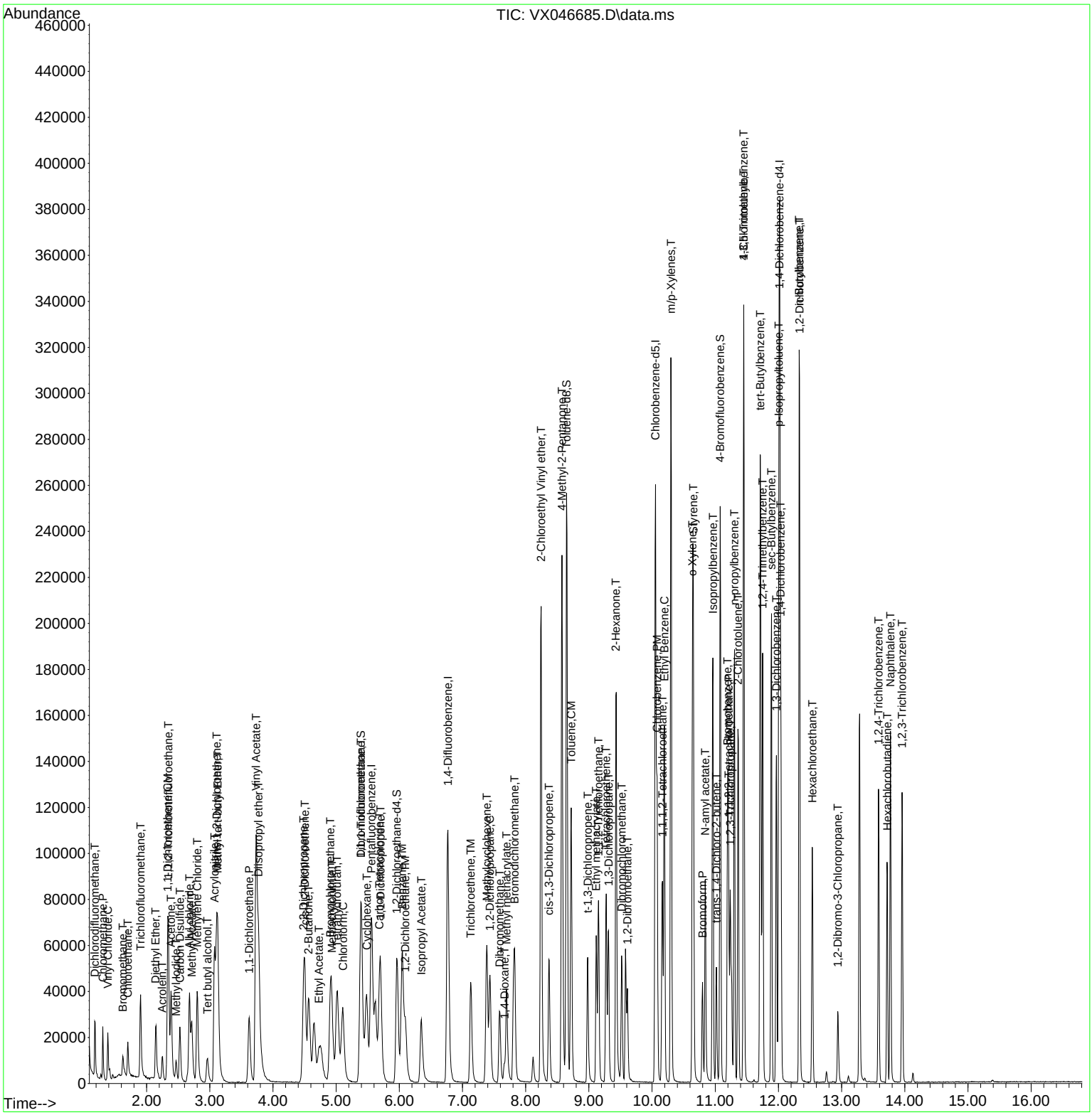
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046685.D
Acq On : 13 Jun 2025 13:45
Operator : JC/MD
Sample : VX0613WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 13 23:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



Raw Data: **VX046686.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX0613WBSD02	SDG No.:	Q2301
Lab Sample ID:	VX0613WBSD02	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046686.D	1		06/13/25 14:09	VX061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.015		0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.016		0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.11		0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.020		0.00025	0.0050	mg/L
67-66-3	Chloroform	0.022		0.00025	0.0050	mg/L
71-43-2	Benzene	0.021		0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.021		0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.020		0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.020		0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.021		0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.0		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	52.9		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66000	5.562			
540-36-3	1,4-Difluorobenzene	114000	6.769			
3114-55-4	Chlorobenzene-d5	104000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	55300	12.018			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046686.D
Acq On : 13 Jun 2025 14:09
Operator : JC/MD
Sample : VX0613WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 13 23:28:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	65989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	114290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58711	50.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.020%			
35) Dibromofluoromethane	5.391	113	45900	54.611	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.220%			
50) Toluene-d8	8.647	98	146479	52.862	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.720%			
62) 4-Bromofluorobenzene	11.079	95	63624	55.495	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	14998	16.371	ug/l	97
3) Chloromethane	1.307	50	12328	14.784	ug/l	99
4) Vinyl Chloride	1.386	62	12045	14.490	ug/l	95
5) Bromomethane	1.624	94	4081	8.087	ug/l	99
6) Chloroethane	1.703	64	11326	21.000	ug/l	96
7) Trichlorofluoromethane	1.904	101	21789	15.843	ug/l	96
8) Diethyl Ether	2.148	74	7306	15.035	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	14942	17.244	ug/l	92
10) Methyl Iodide	2.471	142	8867	9.440	ug/l	93
11) Tert butyl alcohol	2.959	59	12383	95.055	ug/l	97
12) 1,1-Dichloroethene	2.337	96	12744	16.267	ug/l	80
13) Acrolein	2.252	56	7145	69.912	ug/l	98
14) Allyl chloride	2.678	41	26971	17.529	ug/l	91
15) Acrylonitrile	3.075	53	50458	102.442	ug/l	99
16) Acetone	2.386	43	35270	79.692	ug/l	92
17) Carbon Disulfide	2.526	76	27969	16.948	ug/l	100
18) Methyl Acetate	2.715	43	30355	21.707	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	58562	21.362	ug/l	99
20) Methylene Chloride	2.800	84	18467	19.607	ug/l	91
21) trans-1,2-Dichloroethene	3.105	96	15167	18.293	ug/l	97
22) Diisopropyl ether	3.770	45	64593	21.293	ug/l #	66
23) Vinyl Acetate	3.733	43	243765	104.082	ug/l	99
24) 1,1-Dichloroethane	3.623	63	33486	19.806	ug/l	99
25) 2-Butanone	4.568	43	69669	106.601	ug/l	95
26) 2,2-Dichloropropane	4.489	77	24749	19.719	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	21053	20.627	ug/l	94
28) Bromochloromethane	4.910	49	26141	32.418	ug/l	97
29) Tetrahydrofuran	5.019	42	42830	103.770	ug/l	98
30) Chloroform	5.105	83	38241	21.587	ug/l	97
31) Cyclohexane	5.483	56	26054	19.089	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	30611	20.201	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22232	18.518	ug/l	97
37) Ethyl Acetate	4.733	43	24967	21.307	ug/l	98
38) Carbon Tetrachloride	5.690	117	27032	20.102	ug/l	96
39) Methylcyclohexane	7.385	83	25946	18.310	ug/l	96
40) Benzene	6.050	78	69868	20.672	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046686.D
Acq On : 13 Jun 2025 14:09
Operator : JC/MD
Sample : VX0613WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 13 23:28:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	15935	21.899	ug/l		94
42) 1,2-Dichloroethane	6.098	62	29914	21.275	ug/l		97
43) Isopropyl Acetate	6.342	43	42947	21.024	ug/l		98
44) Trichloroethene	7.129	130	17048	19.852	ug/l		94
45) 1,2-Dichloropropane	7.434	63	19432	22.275	ug/l		94
46) Dibromomethane	7.586	93	14163	21.580	ug/l		96
47) Bromodichloromethane	7.824	83	30551	22.640	ug/l		99
48) Methyl methacrylate	7.696	41	23229	22.101	ug/l		94
49) 1,4-Dioxane	7.665	88	6567	467.234	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	147585	113.694	ug/l		99
52) Toluene	8.720	92	44867	21.608	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	26316	21.750	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	29135	21.658	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	19462	23.348	ug/l		98
56) Ethyl methacrylate	9.116	69	29084	22.673	ug/l		94
57) 1,3-Dichloropropane	9.311	76	33088	22.462	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	85564	122.461	ug/l		99
59) 2-Hexanone	9.427	43	104729	112.494	ug/l		99
60) Dibromochloromethane	9.519	129	22952	23.408	ug/l		99
61) 1,2-Dibromoethane	9.610	107	19312	22.233	ug/l		97
64) Tetrachloroethene	9.275	164	13932	20.057	ug/l		93
65) Chlorobenzene	10.079	112	52137	21.341	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	19052	23.078	ug/l		100
67) Ethyl Benzene	10.195	91	88871	20.838	ug/l		97
68) m/p-Xylenes	10.299	106	65093	42.074	ug/l		99
69) o-Xylene	10.640	106	32908	21.991	ug/l		96
70) Styrene	10.652	104	57641	22.502	ug/l		98
71) Bromoform	10.799	173	14760	23.449	ug/l	#	100
73) Isopropylbenzene	10.963	105	88486	20.372	ug/l		100
74) N-amyl acetate	10.841	43	39264	20.528	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	30567	21.986	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	25197m	21.530	ug/l		
77) Bromobenzene	11.195	156	21627	21.452	ug/l		94
78) n-propylbenzene	11.305	91	103680	19.722	ug/l		98
79) 2-Chlorotoluene	11.360	91	64113	20.224	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	74487	20.580	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	7617	18.774	ug/l		94
82) 4-Chlorotoluene	11.451	91	76170	20.271	ug/l		98
83) tert-Butylbenzene	11.713	119	75813	20.576	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	75759	20.691	ug/l		100
85) sec-Butylbenzene	11.890	105	96825	20.452	ug/l		99
86) p-Isopropyltoluene	12.006	119	80510	20.399	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	41137	21.013	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	42288	20.846	ug/l		100
89) n-Butylbenzene	12.329	91	76714	19.793	ug/l		99
90) Hexachloroethane	12.536	117	13866	19.767	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	40842	21.613	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6484	20.827	ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	26556	20.601	ug/l		97
94) Hexachlorobutadiene	13.725	225	10781	17.996	ug/l		94
95) Naphthalene	13.774	128	87088	21.304	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	26847	20.770	ug/l		99

Sample Results: **VX046686.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046686.D
Acq On : 13 Jun 2025 14:09
Operator : JC/MD
Sample : VX0613WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 13 23:28:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

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

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

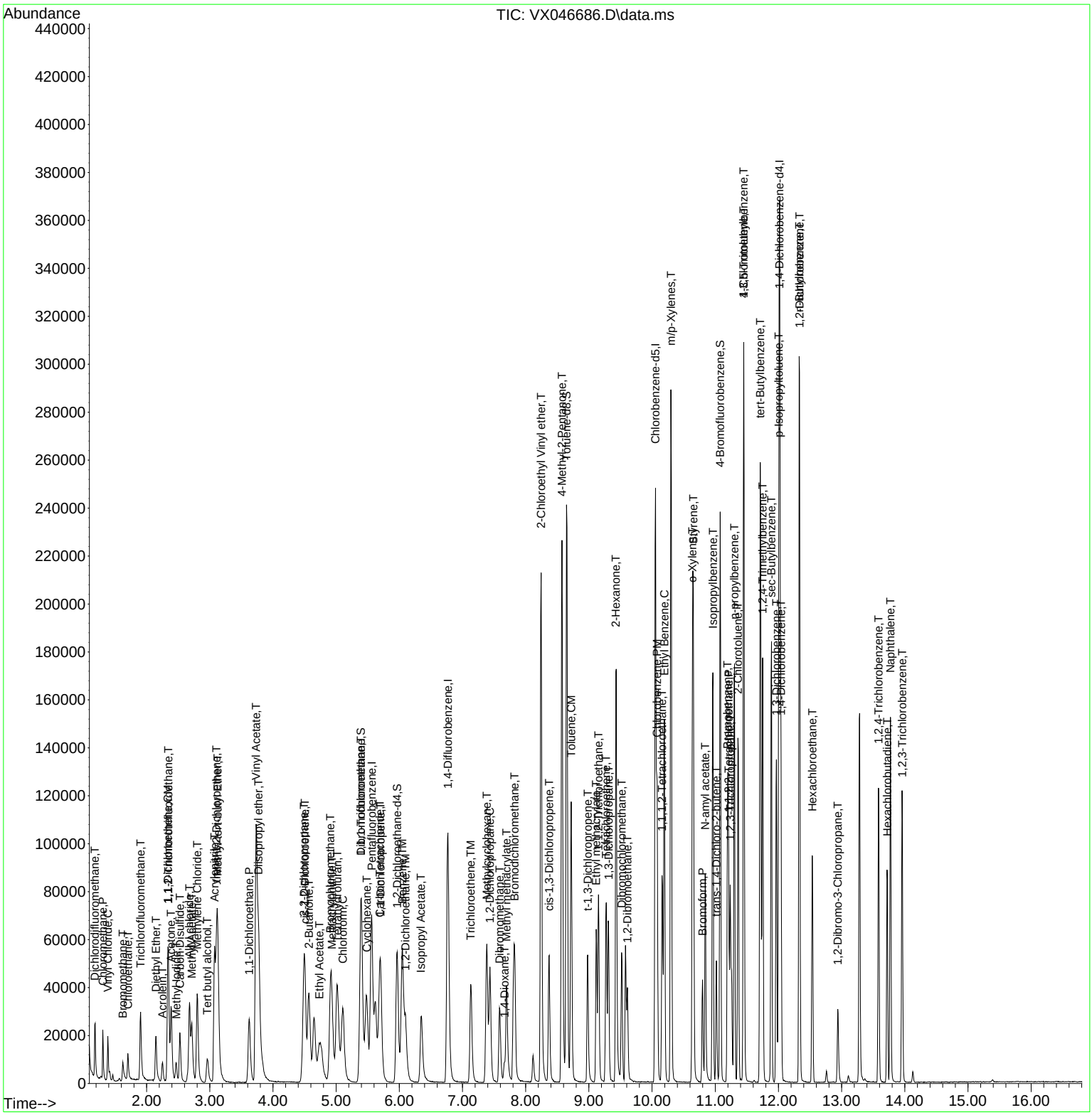
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046686.D
Acq On : 13 Jun 2025 14:09
Operator : JC/MD
Sample : VX0613WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 13 23:28:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



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

Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046518.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:36 PM	MMDadoda	6/9/2025 1:14:56 PM	Peak Integrated by Software
VSTDICC020	VX046519.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:40 PM	MMDadoda	6/9/2025 1:14:59 PM	Peak Integrated by Software
VSTDICCC050	VX046520.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:44 PM	MMDadoda	6/9/2025 1:15:03 PM	Peak Integrated by Software
VSTDICC100	VX046521.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:48 PM	MMDadoda	6/9/2025 1:15:08 PM	Peak Integrated by Software
VSTDICC150	VX046522.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:52 PM	MMDadoda	6/9/2025 1:15:37 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	Ethyl Acetate	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICV050	VX046525.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:26:01 PM	MMDadoda	6/9/2025 1:16:01 PM	Peak Integrated by Software
VSTDCCC050	VX046544.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:18 AM	MMDadoda	6/9/2025 1:16:52 PM	Peak Integrated by Software
VSTDCCC050	VX046546.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:22 AM	MMDadoda	6/9/2025 1:16:54 PM	Peak Integrated by Software
VSTDCCC050	VX046565.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:12:06 AM	Sam	6/9/2025 1:18:52 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	vx061325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VX046675.D	1,2,3-Trichloropropane	JOHN	6/16/2025 8:43:47 AM	MMDadoda	6/16/2025 5:03:58 PM	Peak Integrated by Software
VSTDCCC050	VX046682.D	1,2,3-Trichloropropane	JOHN	6/16/2025 8:44:02 AM	MMDadoda	6/16/2025 5:04:04 PM	Peak Integrated by Software
VX0613WBS02	VX046685.D	1,2,3-Trichloropropane	JOHN	6/16/2025 8:44:07 AM	MMDadoda	6/16/2025 5:04:06 PM	Peak Integrated by Software
VX0613WBSD02	VX046686.D	1,2,3-Trichloropropane	JOHN	6/16/2025 8:44:11 AM	MMDadoda	6/16/2025 5:04:07 PM	Peak Integrated by Software
VSTDCCC050	VX046702.D	1,2,3-Trichloropropane	JOHN	6/16/2025 8:44:29 AM	MMDadoda	6/16/2025 5:04:13 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046516.D	06 Jun 2025 08:47	JC/MD	Ok
2	VSTDICC001	VX046517.D	06 Jun 2025 09:13	JC/MD	Not Ok
3	VSTDICC005	VX046518.D	06 Jun 2025 09:42	JC/MD	Ok,M
4	VSTDICC020	VX046519.D	06 Jun 2025 10:18	JC/MD	Ok,M
5	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	JC/MD	Ok,M
6	VSTDICC100	VX046521.D	06 Jun 2025 11:02	JC/MD	Ok,M
7	VSTDICC150	VX046522.D	06 Jun 2025 11:25	JC/MD	Ok,M
8	IBLK	VX046523.D	06 Jun 2025 11:47	JC/MD	Ok
9	VSTDICC001	VX046524.D	06 Jun 2025 12:57	JC/MD	Ok,M
10	VSTDICV050	VX046525.D	06 Jun 2025 14:11	JC/MD	Ok,M
11	VX0606MBL01	VX046526.D	06 Jun 2025 14:39	JC/MD	Ok
12	VX0606WBL01	VX046527.D	06 Jun 2025 15:02	JC/MD	Ok
13	VX0606WBS01	VX046528.D	06 Jun 2025 15:25	JC/MD	Ok,M
14	VX0606MBS01	VX046529.D	06 Jun 2025 15:51	JC/MD	Ok,M
15	Q2168-11MEDL	VX046530.D	06 Jun 2025 16:13	JC/MD	Ok
16	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36	JC/MD	Ok,M
17	Q2194-02	VX046532.D	06 Jun 2025 16:58	JC/MD	Ok
18	Q2194-04	VX046533.D	06 Jun 2025 17:21	JC/MD	Ok
19	Q2207-09	VX046534.D	06 Jun 2025 17:43	JC/MD	Ok,M
20	Q2207-18	VX046535.D	06 Jun 2025 18:06	JC/MD	Ok,M
21	Q2207-27	VX046536.D	06 Jun 2025 18:28	JC/MD	Ok,M

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 # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2207-36	VX046537.D	06 Jun 2025 18:51	JC/MD	Ok,M
23	Q2207-45	VX046538.D	06 Jun 2025 19:13	JC/MD	Ok,M
24	Q2208-09	VX046539.D	06 Jun 2025 19:35	JC/MD	Ok,M
25	Q2208-18	VX046540.D	06 Jun 2025 19:58	JC/MD	Ok,M
26	Q2208-27	VX046541.D	06 Jun 2025 20:20	JC/MD	Ok,M
27	Q2208-36	VX046542.D	06 Jun 2025 20:42	JC/MD	Ok,M
28	Q2236-01	VX046543.D	06 Jun 2025 21:04	JC/MD	Not Ok
29	VSTDCCC050	VX046544.D	06 Jun 2025 21:26	JC/MD	Not Ok
30	BFB	VX046545.D	06 Jun 2025 23:59	JC/MD	Ok
31	VSTDCCC050	VX046546.D	07 Jun 2025 00:34	JC/MD	Ok,M
32	VX0606WBL02	VX046547.D	07 Jun 2025 01:17	JC/MD	Ok
33	VX0606WBS02	VX046548.D	07 Jun 2025 02:00	JC/MD	Ok,M
34	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22	JC/MD	Ok,M
35	PB168312TB	VX046550.D	07 Jun 2025 02:43	JC/MD	Ok,M
36	PB168272TB	VX046551.D	07 Jun 2025 03:05	JC/MD	Ok,M
37	Q2236-05	VX046552.D	07 Jun 2025 03:26	JC/MD	ReRun
38	Q2236-09	VX046553.D	07 Jun 2025 03:48	JC/MD	ReRun
39	Q2236-13	VX046554.D	07 Jun 2025 04:09	JC/MD	Ok
40	Q2236-17	VX046555.D	07 Jun 2025 04:31	JC/MD	ReRun
41	Q2227-04	VX046556.D	07 Jun 2025 04:52	JC/MD	Ok,M
42	Q2228-04	VX046557.D	07 Jun 2025 05:14	JC/MD	ReRun
43	Q2235-01	VX046558.D	07 Jun 2025 05:36	JC/MD	ReRun
44	Q2240-04	VX046559.D	07 Jun 2025 05:57	JC/MD	ReRun

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 # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2240-08	VX046560.D	07 Jun 2025 06:18	JC/MD	ReRun
46	Q2240-12	VX046561.D	07 Jun 2025 06:40	JC/MD	ReRun
47	Q2241-04	VX046562.D	07 Jun 2025 07:01	JC/MD	ReRun
48	Q2241-08	VX046563.D	07 Jun 2025 07:23	JC/MD	ReRun
49	Q2226-04	VX046564.D	07 Jun 2025 07:44	JC/MD	ReRun
50	VSTDCCC050	VX046565.D	07 Jun 2025 08:06	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061325

Review By	John Carlone	Review On	6/16/2025 8:54:25 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/16/2025 5:04:15 PM		
SubDirectory	VX061325	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134332,VP134335
Initial Calibration Stds	
CCC	VP134333,VP134334,VP134336,VP134337
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046674.D	13 Jun 2025 08:50	JC/MD	Ok
2	VSTDCCC020	VX046675.D	13 Jun 2025 09:26	JC/MD	Ok,M
3	VX0613WBS01	VX046676.D	13 Jun 2025 09:58	JC/MD	Ok,M
4	VX0613WBSD01	VX046677.D	13 Jun 2025 10:25	JC/MD	Ok,M
5	VX0613WBL01	VX046678.D	13 Jun 2025 10:47	JC/MD	Ok
6	Q2302-02	VX046679.D	13 Jun 2025 11:15	JC/MD	Ok
7	Q2302-01	VX046680.D	13 Jun 2025 11:37	JC/MD	Ok
8	BFB	VX046681.D	13 Jun 2025 11:58	JC/MD	Ok
9	VSTDCCC050	VX046682.D	13 Jun 2025 12:30	JC/MD	Ok,M
10	VX0613MBL01	VX046683.D	13 Jun 2025 12:58	JC/MD	Ok
11	VX0613WBL02	VX046684.D	13 Jun 2025 13:19	JC/MD	Ok
12	VX0613WBS02	VX046685.D	13 Jun 2025 13:45	JC/MD	Ok,M
13	VX0613WBSD02	VX046686.D	13 Jun 2025 14:09	JC/MD	Ok,M
14	PB168429TB	VX046687.D	13 Jun 2025 14:31	JC/MD	Ok
15	Q2287-02	VX046688.D	13 Jun 2025 14:53	JC/MD	ReRun
16	Q2295-04	VX046689.D	13 Jun 2025 15:14	JC/MD	Ok
17	Q2295-08	VX046690.D	13 Jun 2025 15:36	JC/MD	Ok,M
18	Q2296-04	VX046691.D	13 Jun 2025 15:57	JC/MD	Ok
19	Q2296-08	VX046692.D	13 Jun 2025 16:19	JC/MD	Ok
20	Q2296-12	VX046693.D	13 Jun 2025 16:41	JC/MD	Ok
21	Q2296-16	VX046694.D	13 Jun 2025 17:02	JC/MD	Ok

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 # VX061325

Review By	John Carlone	Review On	6/16/2025 8:54:25 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/16/2025 5:04:15 PM		
SubDirectory	VX061325	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134332,VP134335
Initial Calibration Stds	
CCC	VP134333,VP134334,VP134336,VP134337
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2296-20	VX046695.D	13 Jun 2025 17:24	JC/MD	Ok
23	Q2296-24	VX046696.D	13 Jun 2025 17:46	JC/MD	Ok
24	Q2297-04	VX046697.D	13 Jun 2025 18:07	JC/MD	Ok
25	Q2301-01	VX046698.D	13 Jun 2025 18:29	JC/MD	Ok
26	Q2310-04	VX046699.D	13 Jun 2025 18:51	JC/MD	Ok
27	Q2288-01	VX046700.D	13 Jun 2025 19:12	JC/MD	Ok
28	Q2287-02RE	VX046701.D	13 Jun 2025 19:34	JC/MD	Confirms
29	VSTDCCC050	VX046702.D	13 Jun 2025 19:55	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046516.D	06 Jun 2025 08:47		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046517.D	06 Jun 2025 09:13		JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046518.D	06 Jun 2025 09:42	for TCLP	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046519.D	06 Jun 2025 10:18	Comp #05 fail	JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	LR-13,16,17	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046521.D	06 Jun 2025 11:02		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046522.D	06 Jun 2025 11:25		JC/MD	Ok,M
8	IBLK	IBLK	VX046523.D	06 Jun 2025 11:47		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX046524.D	06 Jun 2025 12:57		JC/MD	Ok,M
10	VSTDICV050	ICVVX060625	VX046525.D	06 Jun 2025 14:11		JC/MD	Ok,M
11	VX0606MBL01	VX0606MBL01	VX046526.D	06 Jun 2025 14:39		JC/MD	Ok
12	VX0606WBL01	VX0606WBL01	VX046527.D	06 Jun 2025 15:02		JC/MD	Ok
13	VX0606WBS01	VX0606WBS01	VX046528.D	06 Jun 2025 15:25		JC/MD	Ok,M
14	VX0606MBS01	VX0606MBS01	VX046529.D	06 Jun 2025 15:51		JC/MD	Ok,M
15	Q2168-11MEDL	C2MEDL	VX046530.D	06 Jun 2025 16:13		JC/MD	Ok
16	VX0606WBSD01	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36		JC/MD	Ok,M
17	Q2194-02	COMP-12	VX046532.D	06 Jun 2025 16:58	vial A pH#5.0	JC/MD	Ok
18	Q2194-04	COMP-13	VX046533.D	06 Jun 2025 17:21	vial A pH#5.0	JC/MD	Ok

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 # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2207-09	BU-703-COMP-01	VX046534.D	06 Jun 2025 17:43	vial A pH#5.0	JC/MD	Ok,M
20	Q2207-18	BU-703-COMP-02	VX046535.D	06 Jun 2025 18:06	vial A pH#5.0	JC/MD	Ok,M
21	Q2207-27	BU-703-COMP-03	VX046536.D	06 Jun 2025 18:28	vial A pH#5.0	JC/MD	Ok,M
22	Q2207-36	BU-703-COMP-04	VX046537.D	06 Jun 2025 18:51	vial A pH#5.0	JC/MD	Ok,M
23	Q2207-45	BU-703-COMP-05	VX046538.D	06 Jun 2025 19:13	vial A pH#5.0	JC/MD	Ok,M
24	Q2208-09	BU-703-COMP-06	VX046539.D	06 Jun 2025 19:35	vial A pH#5.0	JC/MD	Ok,M
25	Q2208-18	BU-703-COMP-07	VX046540.D	06 Jun 2025 19:58	vial A pH#5.0	JC/MD	Ok,M
26	Q2208-27	BU-703-COMP-08	VX046541.D	06 Jun 2025 20:20	vial A pH#5.0	JC/MD	Ok,M
27	Q2208-36	BU-703-COMP-09	VX046542.D	06 Jun 2025 20:42	vial A pH#5.0	JC/MD	Ok,M
28	Q2236-01	WC-A4-05A-G	VX046543.D	06 Jun 2025 21:04	vial A pH#5.0 Out of tune	JC/MD	Not Ok
29	VSTDCCC050	VSTDCCC050EC	VX046544.D	06 Jun 2025 21:26	Out of tune	JC/MD	Not Ok
30	BFB	BFB	VX046545.D	06 Jun 2025 23:59		JC/MD	Ok
31	VSTDCCC050	VSTDCCC050	VX046546.D	07 Jun 2025 00:34		JC/MD	Ok,M
32	VX0606WBL02	VX0606WBL02	VX046547.D	07 Jun 2025 01:17		JC/MD	Ok
33	VX0606WBS02	VX0606WBS02	VX046548.D	07 Jun 2025 02:00		JC/MD	Ok,M
34	VX0606WBSD02	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22		JC/MD	Ok,M
35	PB168312TB	PB168312TB	VX046550.D	07 Jun 2025 02:43		JC/MD	Ok,M
36	PB168272TB	PB168272TB	VX046551.D	07 Jun 2025 03:05		JC/MD	Ok,M
37	Q2236-05	WC-A2-04-G	VX046552.D	07 Jun 2025 03:26	Surrogate Fail	JC/MD	ReRun

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 # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2236-09	WC-A2-05-G	VX046553.D	07 Jun 2025 03:48	Internal Standard Fail	JC/MD	ReRun
39	Q2236-13	WC-A2-06-G	VX046554.D	07 Jun 2025 04:09	vial A pH#5.0	JC/MD	Ok
40	Q2236-17	WC-A2-07-G	VX046555.D	07 Jun 2025 04:31	Internal Standard Fail; Surrogate fail	JC/MD	ReRun
41	Q2227-04	TP07-MHH-WC	VX046556.D	07 Jun 2025 04:52		JC/MD	Ok,M
42	Q2228-04	TP08-MHI-WC	VX046557.D	07 Jun 2025 05:14	Internal Standard Fail	JC/MD	ReRun
43	Q2235-01	WC-A2-08-G	VX046558.D	07 Jun 2025 05:36	Internal Standard Fail	JC/MD	ReRun
44	Q2240-04	TP-3	VX046559.D	07 Jun 2025 05:57	Internal Standard Fail	JC/MD	ReRun
45	Q2240-08	TP-2	VX046560.D	07 Jun 2025 06:18	Internal Standard Fail	JC/MD	ReRun
46	Q2240-12	TP-1	VX046561.D	07 Jun 2025 06:40	Internal Standard Fail	JC/MD	ReRun
47	Q2241-04	TP-N	VX046562.D	07 Jun 2025 07:01	Internal Standard Fail	JC/MD	ReRun
48	Q2241-08	TP-S	VX046563.D	07 Jun 2025 07:23	Internal Standard Fail	JC/MD	ReRun
49	Q2226-04	TP06-MHI-WC	VX046564.D	07 Jun 2025 07:44	Internal Standard Fail	JC/MD	ReRun
50	VSTDCCC050	VSTDCCC050EC	VX046565.D	07 Jun 2025 08:06		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061325

Review By	John Carlone	Review On	6/16/2025 8:54:25 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/16/2025 5:04:15 PM		
SubDirectory	VX061325	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134332,VP134335
Initial Calibration Stds	
CCC	VP134333,VP134334,VP134336,VP134337
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	VX046674.D	13 Jun 2025 08:50		JC/MD	Ok
2	VSTDCCC020	VSTDCCC020	VX046675.D	13 Jun 2025 09:26	pH#Lot#V12668	JC/MD	Ok,M
3	VX0613WBS01	VX0613WBS01	VX046676.D	13 Jun 2025 09:58		JC/MD	Ok,M
4	VX0613WBSD01	VX0613WBSD01	VX046677.D	13 Jun 2025 10:25		JC/MD	Ok,M
5	VX0613WBL01	VX0613WBL01	VX046678.D	13 Jun 2025 10:47		JC/MD	Ok
6	Q2302-02	250611056-09-TRIP-BL	VX046679.D	13 Jun 2025 11:15	vial B pH#6.0 TB	JC/MD	Ok
7	Q2302-01	250611078-02-VOA	VX046680.D	13 Jun 2025 11:37	vial B pH#6.0	JC/MD	Ok
8	BFB	BFB	VX046681.D	13 Jun 2025 11:58		JC/MD	Ok
9	VSTDCCC050	VSTDCCC050	VX046682.D	13 Jun 2025 12:30		JC/MD	Ok,M
10	VX0613MBL01	VX0613MBL01	VX046683.D	13 Jun 2025 12:58		JC/MD	Ok
11	VX0613WBL02	VX0613WBL02	VX046684.D	13 Jun 2025 13:19		JC/MD	Ok
12	VX0613WBS02	VX0613WBS02	VX046685.D	13 Jun 2025 13:45		JC/MD	Ok,M
13	VX0613WBSD02	VX0613WBSD02	VX046686.D	13 Jun 2025 14:09		JC/MD	Ok,M
14	PB168429TB	PB168429TB	VX046687.D	13 Jun 2025 14:31		JC/MD	Ok
15	Q2287-02	CONCRETE-SLAB	VX046688.D	13 Jun 2025 14:53	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
16	Q2295-04	TP01-MH1-WC	VX046689.D	13 Jun 2025 15:14	vial A pH#5.0	JC/MD	Ok
17	Q2295-08	TP02-MH5-WC	VX046690.D	13 Jun 2025 15:36	vial A pH#5.0	JC/MD	Ok,M
18	Q2296-04	WC-1	VX046691.D	13 Jun 2025 15:57	vial A pH#5.0	JC/MD	Ok

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 # VX061325

Review By	John Carlone	Review On	6/16/2025 8:54:25 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/16/2025 5:04:15 PM		
SubDirectory	VX061325	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134332,VP134335
Initial Calibration Stds	
CCC	VP134333,VP134334,VP134336,VP134337
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2296-08	WC-2	VX046692.D	13 Jun 2025 16:19	vial A pH#5.0	JC/MD	Ok
20	Q2296-12	WC-3	VX046693.D	13 Jun 2025 16:41	vial A pH#5.0	JC/MD	Ok
21	Q2296-16	WC-4	VX046694.D	13 Jun 2025 17:02	vial A pH#5.0	JC/MD	Ok
22	Q2296-20	WC-5	VX046695.D	13 Jun 2025 17:24	vial A pH#5.0	JC/MD	Ok
23	Q2296-24	WC-6	VX046696.D	13 Jun 2025 17:46	vial A pH#5.0	JC/MD	Ok
24	Q2297-04	TP-3	VX046697.D	13 Jun 2025 18:07	vial A pH#5.0	JC/MD	Ok
25	Q2301-01	WC-URBAN-FILL-G	VX046698.D	13 Jun 2025 18:29	vial A pH#5.0	JC/MD	Ok
26	Q2310-04	TP-7	VX046699.D	13 Jun 2025 18:51	vial A pH#5.0	JC/MD	Ok
27	Q2288-01	ETGI-329	VX046700.D	13 Jun 2025 19:12	vial A pH#5.0	JC/MD	Ok
28	Q2287-02RE	CONCRETE-SLABRE	VX046701.D	13 Jun 2025 19:34	vial B pH#5.0 Surrogate fail	JC/MD	Confirms
29	VSTDCCC050	VSTDCCC050EC	VX046702.D	13 Jun 2025 19:55		JC/MD	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168429

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : ZHE-1 / ZHE-2

TCLP Filter ID : 50223706

Start Prep Date : 06/12/2025 **Time :** 16:00

End Prep Date : 06/13/2025 **Time :** 10:20

Combination Ratio : 20

ZHE Cleaning Batch : 78 ~~N/A~~

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JP

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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
40ml VOA Vials	430992	N/A

Extraction Conformance/Non-Conformance Comments:

ALL ZHE samples are extracted and given as vial A & B. Leak checked after 10 minutes of tumbling. TUMBLER ZHE-1 /ZHE-2 checked,30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25 11:00	JP ZHE Room	S.Y VOC 24b
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168429

Sample ID	ClientID	ZHE Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168429TB	LEB429	14	N/A	500	N/A	N/A	N/A	4.93	N/A	ZHE-2
Q2287-02	CONCRETE-SLAB	01	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2288-01	ETGI-329	02	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2295-04	TP01-MH1-WC	03	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2295-08	TP02-MH5-WC	04	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2296-04	WC-1	05	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2296-08	WC-2	06	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2296-12	WC-3	07	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2296-16	WC-4	08	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2296-20	WC-5	09	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2296-24	WC-6	10	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q2297-04	TP-3	11	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q2301-03	WC-URBAN-FILL-C	12	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q2310-04	TP-7	13	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-2

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB168429

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168429TB	LEB429	N/A	N/A	N/A	N/A	N/A	N/A
Q2287-02	CONCRETE-SLAB	N/A	N/A	N/A	N/A	100	N/A
Q2288-01	ETGI-329	N/A	N/A	N/A	N/A	100	N/A
Q2295-04	TP01-MH1-WC	N/A	N/A	N/A	N/A	100	N/A
Q2295-08	TP02-MH5-WC	N/A	N/A	N/A	N/A	100	N/A
Q2296-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q2296-08	WC-2	N/A	N/A	N/A	N/A	100	N/A
Q2296-12	WC-3	N/A	N/A	N/A	N/A	100	N/A
Q2296-16	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q2296-20	WC-5	N/A	N/A	N/A	N/A	100	N/A
Q2296-24	WC-6	N/A	N/A	N/A	N/A	100	N/A
Q2297-04	TP-3	N/A	N/A	N/A	N/A	100	N/A
Q2301-03	WC-URBAN-FILL-C	N/A	N/A	N/A	N/A	100	N/A
Q2310-04	TP-7	N/A	N/A	N/A	N/A	100	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp zhe q2301 **WorkList ID :** 190153 **Department :** TCLP Extraction **Date :** 06-12-2025 12:58:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2287-02	CONCRETE-SLAB	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D41	06/11/2025	1311 ZHE
Q2288-01	ETGI-329	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	06/10/2025	1311 ZHE
Q2295-04	TP01-MH1-WC	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	N42	06/10/2025	1311 ZHE
Q2295-08	TP02-MH5-WC	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	N42	06/10/2025	1311 ZHE
Q2296-04	WC-1	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2296-08	WC-2	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2296-12	WC-3	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2296-16	WC-4	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2296-20	WC-5	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2296-24	WC-6	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2297-04	TP-3	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2301-03	WC-URBAN-FILL-C	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03		06/11/2025	1311 ZHE
Q2310-04	TP-7	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	D41	06/11/2025	1311 ZHE
					PSEG03	D41	06/12/2025	1311 ZHE

Date/Time 06-12-25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06-12-25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2301

COC Number: 2042113

CLIENT INFORMATION

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

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

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

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

PRESERVATIVES: E E E E E E E E E

COMMENTS

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Austin Farmerie	6/11 12:00	1. 12:52
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	6-11-2025 1745	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0°C Ice in Cooler?: Yes

Comments:

Page of

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

Shipment Complete ☐ YES ☐ NO

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

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2301

COC Number: 2042113

CLIENT INFORMATION

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

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

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

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

COMMENTS

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

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

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER 1. **Austin Farmerie**	6-11-2025 12:52	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME 6-11-2025 1745	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0°C
Ice in Cooler?: YES

Comments:

Page of

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148