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

Cover Page

Order ID : Q1907

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number	Client Sample Number
Q1907-01	CO-8R-WC
Q1907-02	CO-8R-WC

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: 5/2/2025

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 #: **Q1907**

	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:** **05/02/2025**

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

LAB CHRONICLE

OrderID:	Q1907	**OrderDate:**	4/28/2025 4:13:00 PM
Client:	Walsh Construction Company II, LLC	**Project:**	Walsh CO-032 Sampling
Contact:	Jesse A. Sylvestri	**Location:**	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1907-02	**CO-8R-WC**	**TCLP**			**04/28/25**			**04/28/25**
			TCLP VOA	8260D			04/30/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**CO-8R-WC**							
Q1907-02	CO-8R-WC	TCLP	2-Butanone	5.00	J	0.98	25.0	ug/L
			Total Voc :	5.00				
			Total Concentration:	5.00				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1907-02	CO-8R-WC	1,2-Dichloroethane-d4	50	54.8	110	74	125
		Dibromofluoromethane	50	51.8	104	75	124
		Toluene-d8	50	51.0	102	86	113
		4-Bromofluorobenzene	50	51.7	103	77	121

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

Surrogate Summary

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VX0430WBL01	VX0430WBL01	1,2-Dichloroethane-d4	50	56.3	113	74	125
		Dibromofluoromethane	50	52.5	105	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	51.9	104	77	121
VX0430WBS01	VX0430WBS01	1,2-Dichloroethane-d4	50	54.6	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.1	104	86	113
		4-Bromofluorobenzene	50	55.7	111	77	121
VX0430WBSD0	VX0430WBSD01	1,2-Dichloroethane-d4	50	54.3	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.0	104	86	113
		4-Bromofluorobenzene	50	56.5	113	77	121

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.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260-Low **Datafile :** VX045988.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0430WBS01	Vinyl chloride	20	17.3	ug/L	86			65	117	
	1,1-Dichloroethene	20	18.5	ug/L	93			74	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	21.8	ug/L	109			77	113	
	Chloroform	20	21.6	ug/L	108			79	113	
	Benzene	20	20.2	ug/L	101			82	109	
	1,2-Dichloroethane	20	22.8	ug/L	114			80	115	
	Trichloroethene	20	19.9	ug/L	100			77	113	
	Tetrachloroethene	20	19.0	ug/L	95			67	123	
	Chlorobenzene	20	21.3	ug/L	106			82	109	

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.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260-Low **Datafile :** VX045989.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0430WBSD01	Vinyl chloride	20	16.6	ug/L	83	4		65	117	20
	1,1-Dichloroethene	20	18.5	ug/L	93	0		74	110	20
	2-Butanone	100	120	ug/L	120	9		65	122	20
	Carbon Tetrachloride	20	21.8	ug/L	109	0		77	113	20
	Chloroform	20	21.0	ug/L	105	3		79	113	20
	Benzene	20	20.1	ug/L	101	0		82	109	20
	1,2-Dichloroethane	20	22.6	ug/L	113	1		80	115	20
	Trichloroethene	20	20.2	ug/L	101	1		77	113	20
	Tetrachloroethene	20	20.1	ug/L	101	6		67	123	20
	Chlorobenzene	20	20.8	ug/L	104	2		82	109	20

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0430WBL01

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: VX045987.D Lab Sample ID: VX0430WBL01

Date Analyzed: 04/30/2025 Time Analyzed: 10:55

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
VX0430WBS01	VX0430WBS01	VX045988.D	04/30/2025
VX0430WBSD01	VX0430WBSD01	VX045989.D	04/30/2025
CO-8R-WC	Q1907-02	VX046003.D	04/30/2025

COMMENTS:

Raw Data: **VX045524.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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: VX045524.D BFB Injection Date: 04/01/2025

Instrument ID: MSVOA_X BFB Injection Time: 16:15

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	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

Raw Data: **VX045984.D**

Alliance TECHNICAL GROUP
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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: VX045984.D BFB Injection Date: 04/30/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:32

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	22.5
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	67.1 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (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
VSTDCCC050	VSTDCCC050	VX045985.D	04/30/2025	10:01
VX0430WBL01	VX0430WBL01	VX045987.D	04/30/2025	10:55
VX0430WBS01	VX0430WBS01	VX045988.D	04/30/2025	11:19
VX0430WBSD01	VX0430WBSD01	VX045989.D	04/30/2025	11:46
CO-8R-WC	Q1907-02	VX046003.D	04/30/2025	17:13

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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: VX045985.D Date Analyzed: 04/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:01

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	83019	5.55	141256	6.75	122754	10.05
UPPER LIMIT	166038	6.049	282512	7.25	245508	10.549
LOWER LIMIT	41509.5	5.049	70628	6.25	61377	9.549
EPA SAMPLE NO.						
CO-8R-WC	61064	5.55	120584	6.76	114173	10.06
VX0430WBL01	62274	5.54	125239	6.76	116463	10.05
VX0430WBS01	79591	5.54	138531	6.76	123154	10.05
VX0430WBSD01	77091	5.54	132529	6.76	119517	10.05

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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: VX045985.D Date Analyzed: 04/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:01

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

	IS4 AREA #	RT #				
12 HOUR STD	60558	12.018				
UPPER LIMIT	121116	12.518				
LOWER LIMIT	30279	11.518				
EPA SAMPLE NO.						
CO-8R-WC	47885	12.02				
VX0430WBL01	49781	12.02				
VX0430WBS01	58135	12.02				
VX0430WBSD01	57970	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: **VX046003.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WC	SDG No.:	Q1907
Lab Sample ID:	Q1907-02	Matrix:	TCLP
Analytical Method:	SW8260	% 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
VX046003.D	1		04/30/25 17:13	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	5.00	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.0		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61100	5.55			
540-36-3	1,4-Difluorobenzene	121000	6.757			
3114-55-4	Chlorobenzene-d5	114000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	47900	12.024			

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\VX043025\
Data File : VX046003.D
Acq On : 30 Apr 2025 17:13
Operator : JC/MD
Sample : Q1907-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Quant Time: May 01 03:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

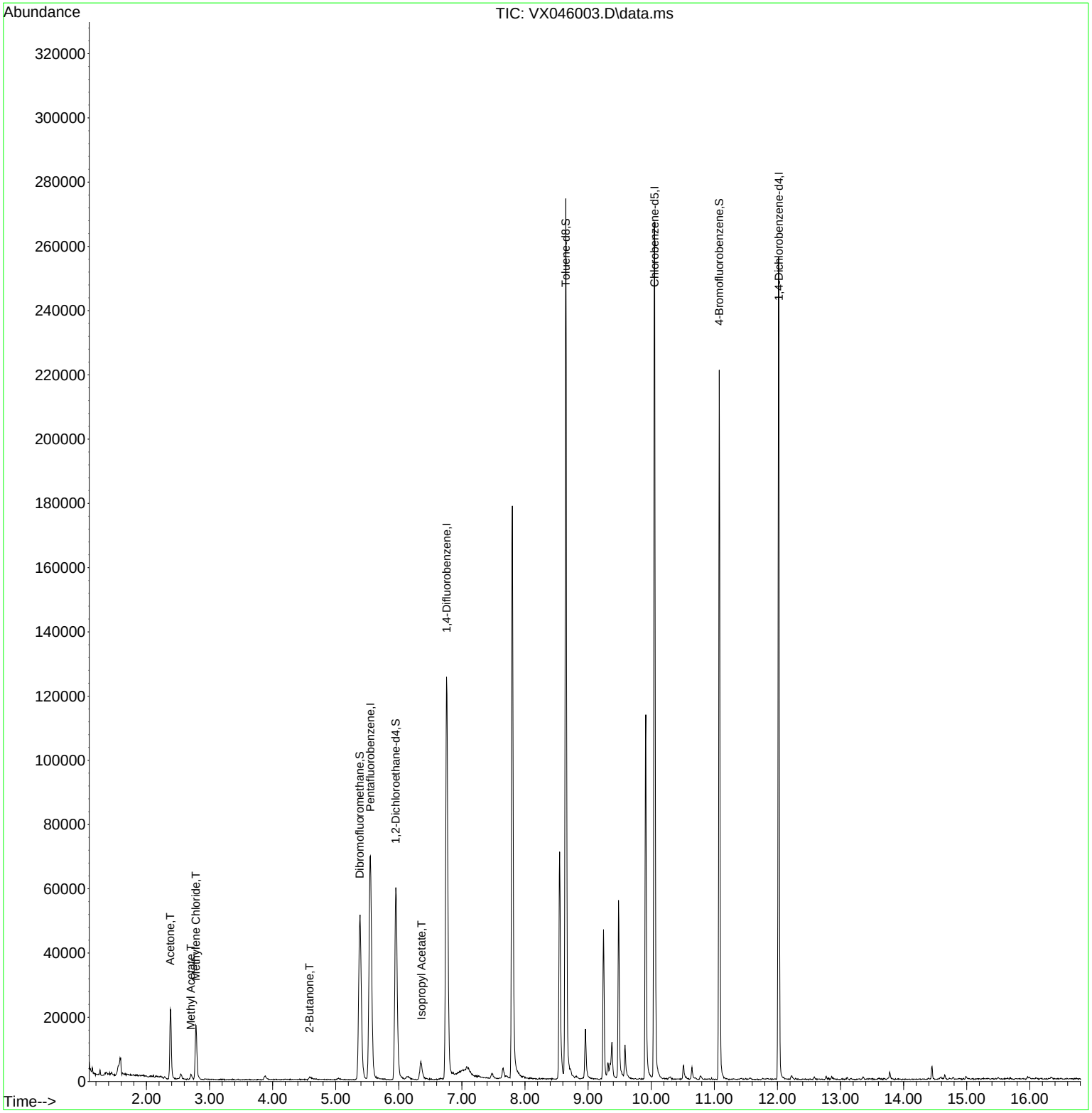
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	61064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61153	54.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	5.379	113	44293	51.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	8.647	98	152309	51.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	56260	51.723	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.440%			
Target Compounds						Qvalue
16) Acetone	2.380	43	23767	51.831	ug/l	99
18) Methyl Acetate	2.703	43	2312	2.190	ug/l #	90
20) Methylene Chloride	2.782	84	7826	9.116	ug/l	95
25) 2-Butanone	4.587	43	3359m	5.004	ug/l	
43) Isopropyl Acetate	6.361	43	8638	3.915	ug/l	97

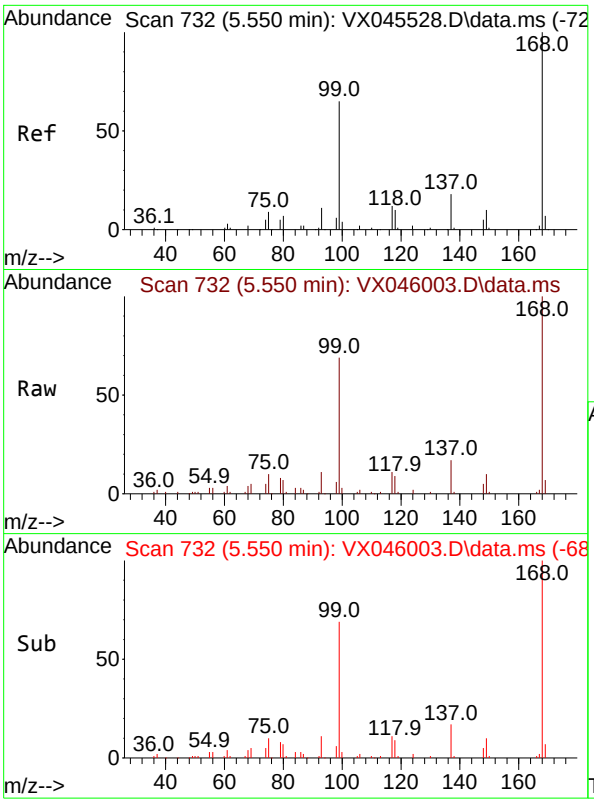
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX046003.D
Acq On : 30 Apr 2025 17:13
Operator : JC/MD
Sample : Q1907-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Quant Time: May 01 03:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



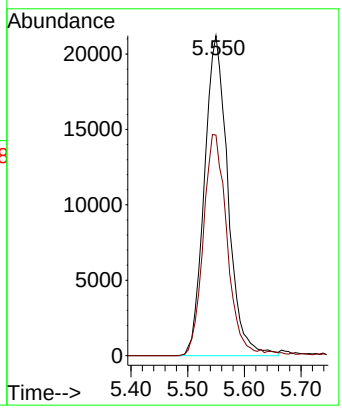


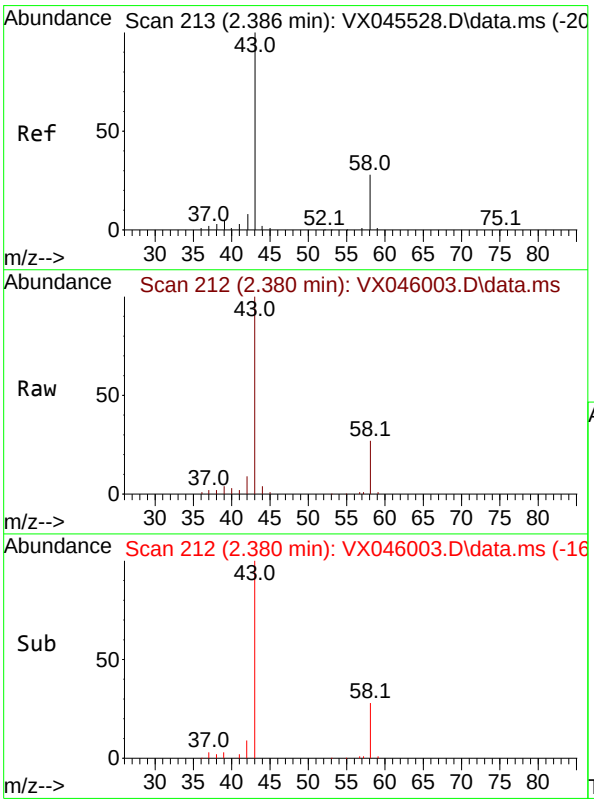
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion:168 Resp: 61064

Ion	Ratio	Lower	Upper
168	100		
99	68.9	52.3	78.5

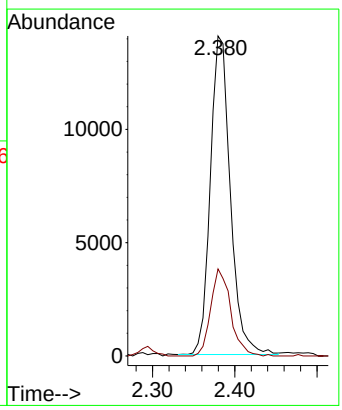


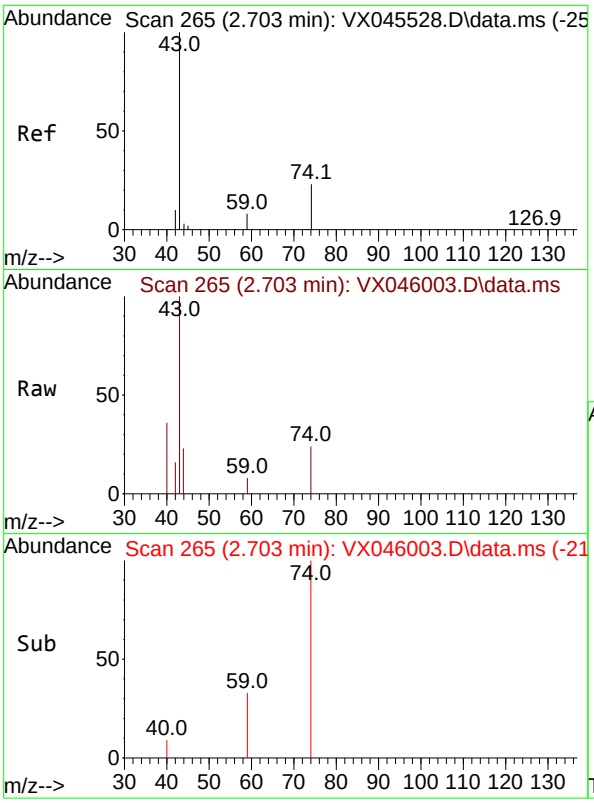


#16
Acetone
Concen: 51.831 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 43 Resp: 23767

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5



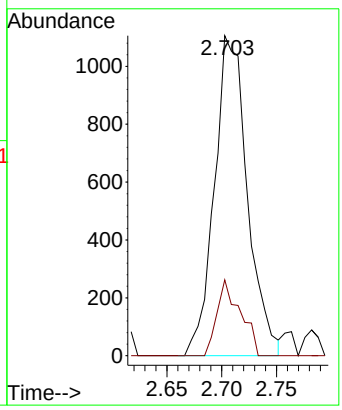


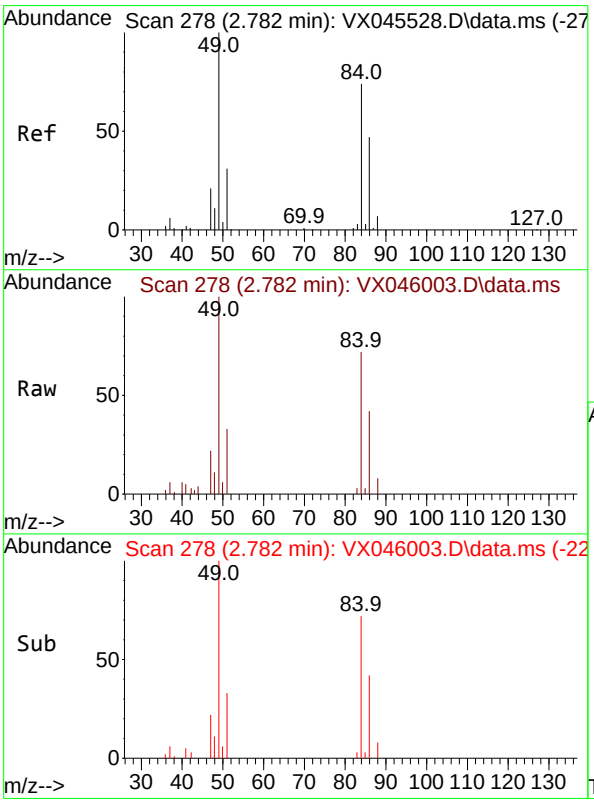
#18
Methyl Acetate
Concen: 2.190 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion: 43 Resp: 2312

Ion	Ratio	Lower	Upper
43	100		
74	16.9	17.5	26.3#

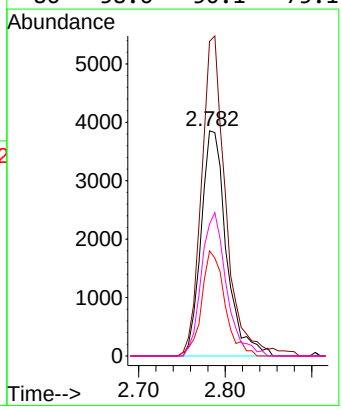


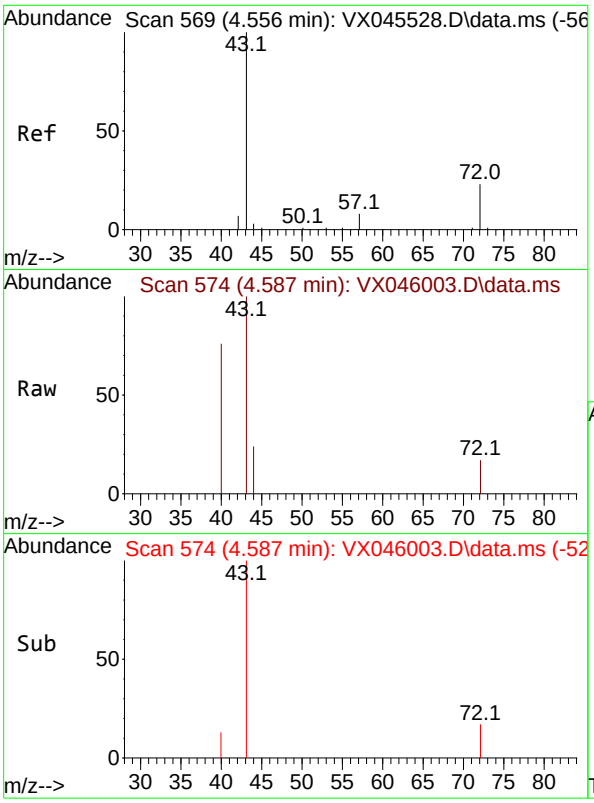


#20
Methylene Chloride
Concen: 9.116 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 84 Resp: 7826

Ion	Ratio	Lower	Upper
84	100		
49	139.7	107.5	161.3
51	46.7	33.0	49.6
86	58.6	50.1	75.1



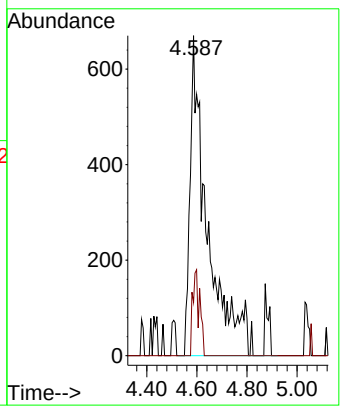


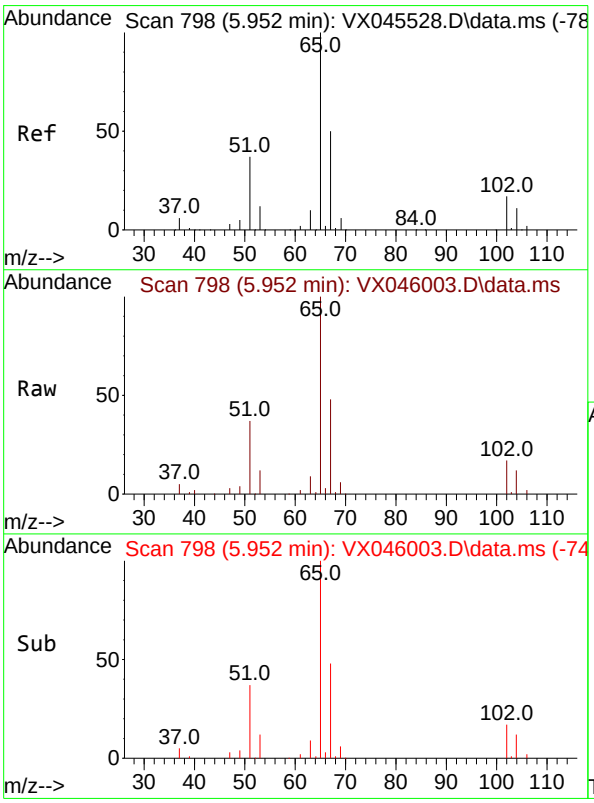
#25
2-Butanone
Concen: 5.004 ug/l m
RT: 4.587 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion: 43 Resp: 3359

Ion	Ratio	Lower	Upper
43	100		
72	16.7	18.6	28.0#

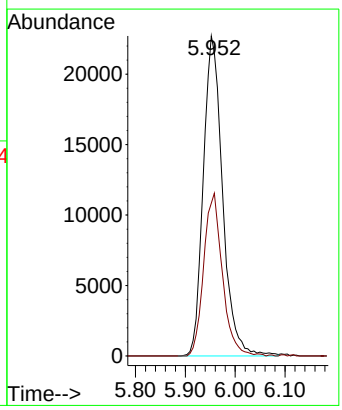


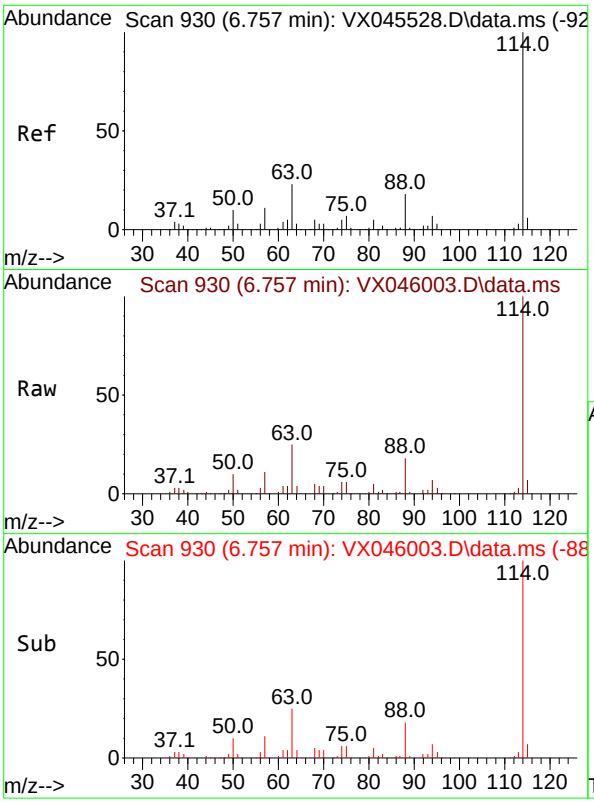


#33
1,2-Dichloroethane-d4
Concen: 54.762 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 65 Resp: 61153

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0



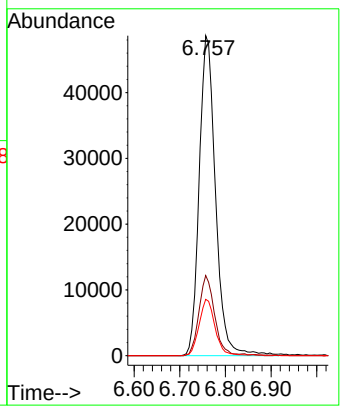


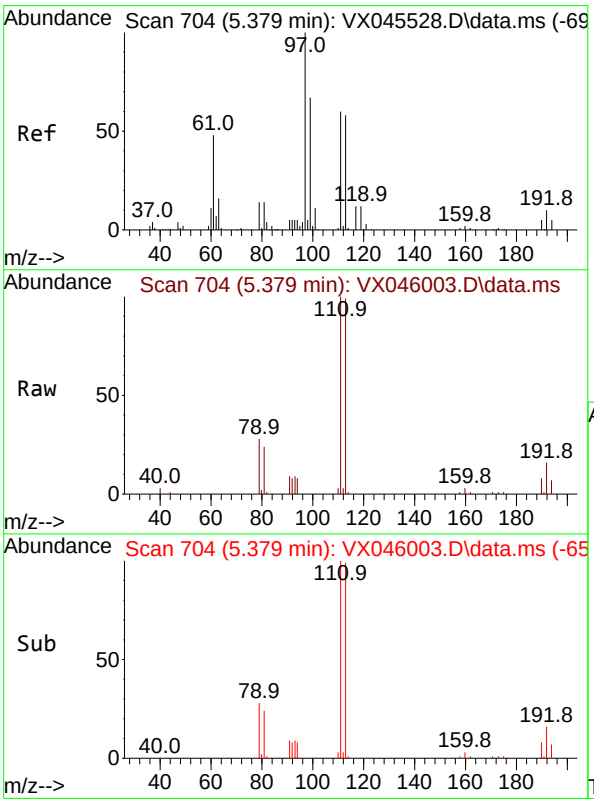
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion:114 Resp: 120584

Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	46.8
88	17.6	0.0	35.4

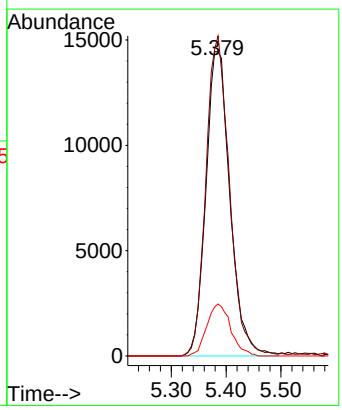


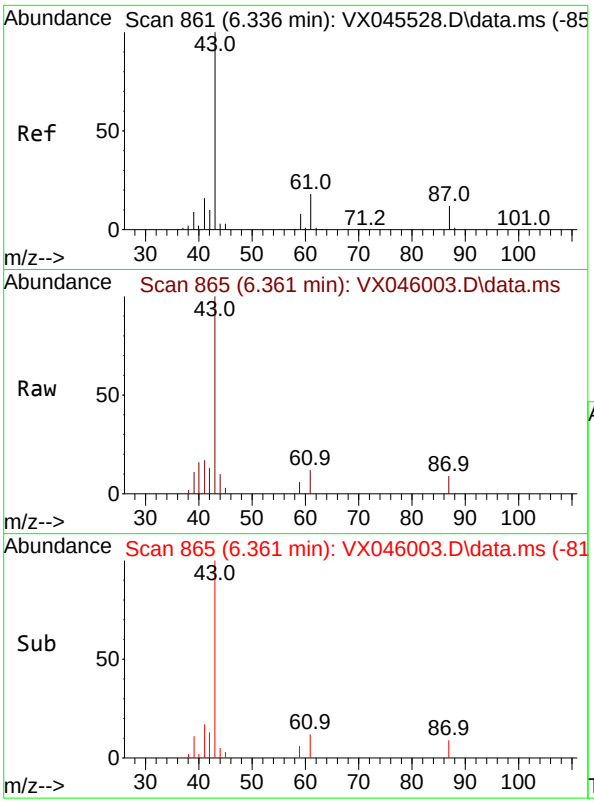


#35
Dibromofluoromethane
Concen: 51.772 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion:113 Resp: 44293

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	16.9	13.8	20.6



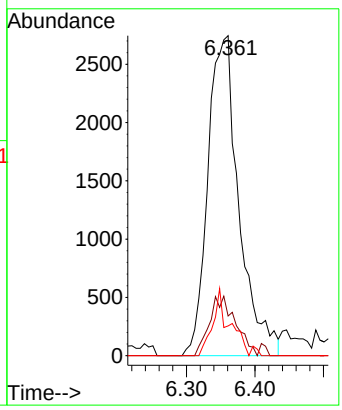


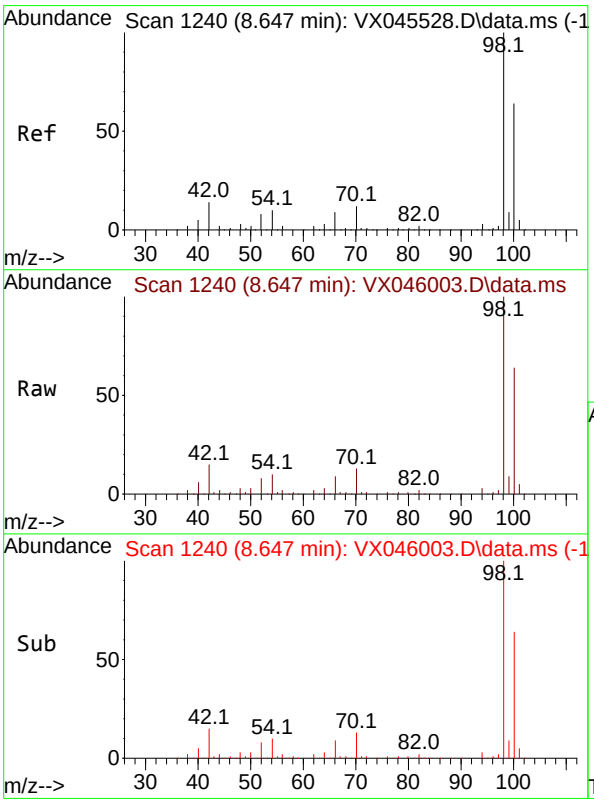
#43
Isopropyl Acetate
Concen: 3.915 ug/l
RT: 6.361 min Scan# 8
Delta R.T. 0.024 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion: 43 Resp: 8638

Ion	Ratio	Lower	Upper
43	100		
61	15.7	14.1	21.1
87	11.3	9.2	13.8

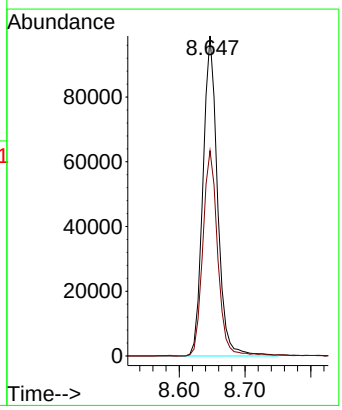


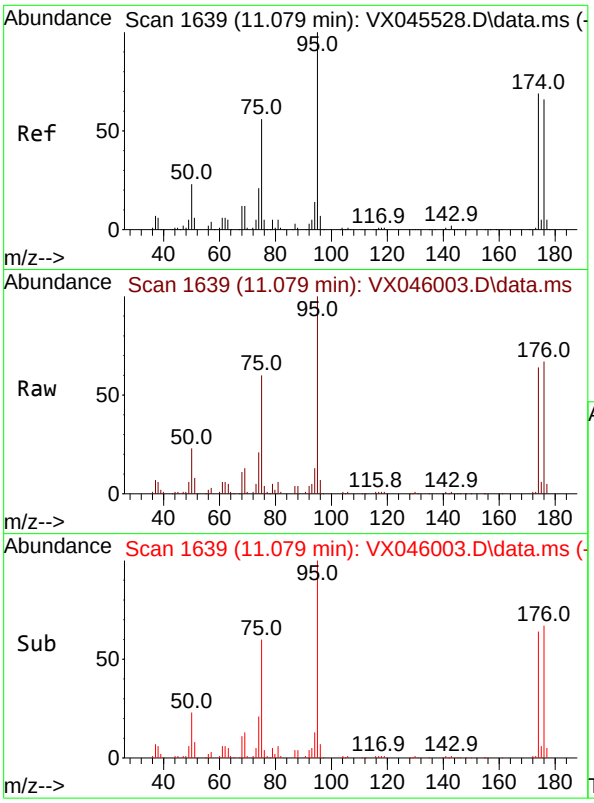


#50
Toluene-d8
Concen: 51.005 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 98 Resp: 152309

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4



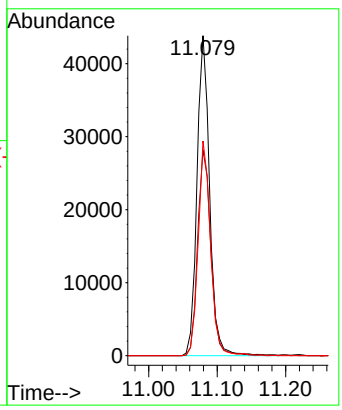


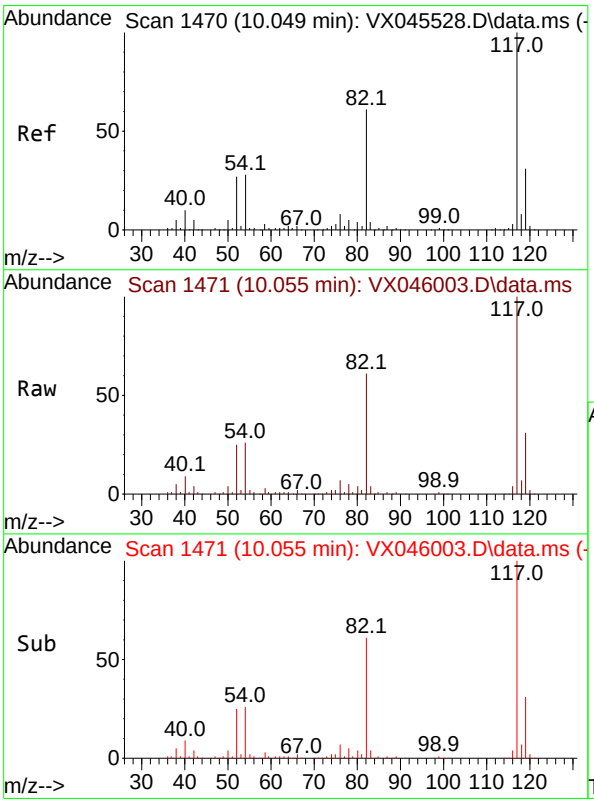
#62
4-Bromofluorobenzene
Concen: 51.723 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion: 95 Resp: 56260

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	135.8
176	65.6	0.0	131.4

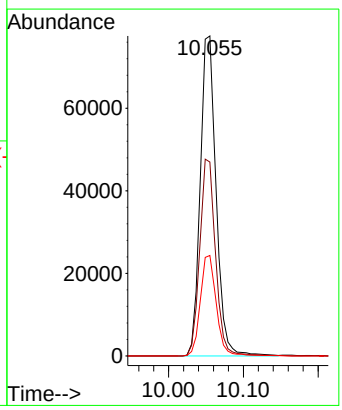


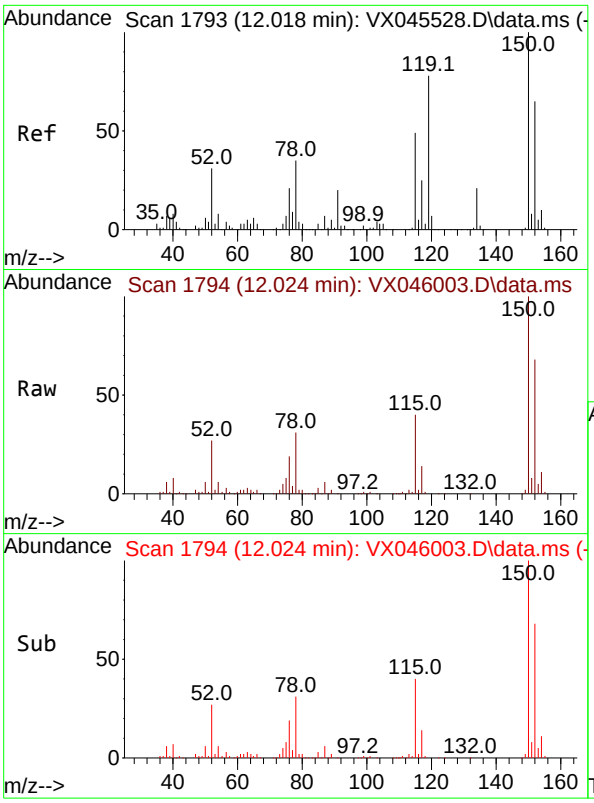


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion:117 Resp: 114173

Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	31.4	25.1	37.7



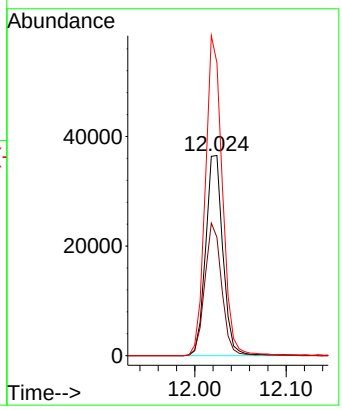


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

Tgt Ion:152 Resp: 47885

Ion	Ratio	Lower	Upper
152	100		
115	65.0	46.9	140.7
150	157.1	0.0	349.4



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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025
Response Via : Initial Calibration

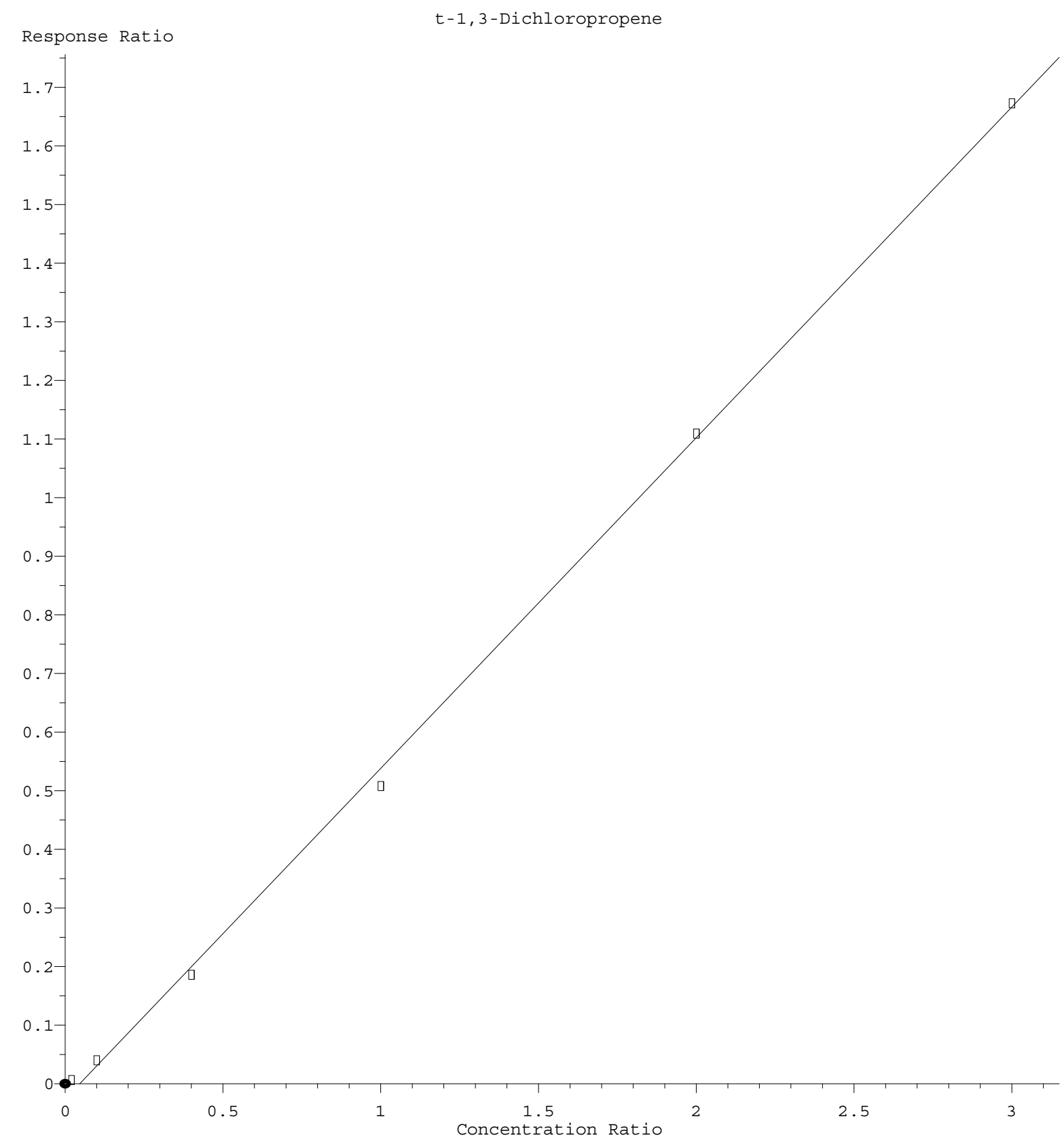
Calibration Files
1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3)	P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4)	C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5)	T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6)	T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7)	T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8)	T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9)	T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10)	T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11)	T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12)	CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13)	T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14)	T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15)	T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16)	T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17)	T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18)	T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19)	T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20)	T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21)	T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22)	T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23)	T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24)	P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25)	T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26)	T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27)	T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28)	T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29)	T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30)	C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31)	T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32)	T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33)	S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36)	T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37)	T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38)	T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39)	T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40)	TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41)	T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42)	TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43)	T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44)	TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45)	C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46)	T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47)	T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48)	T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49)	T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50)	S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51)	T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52)	CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53)	T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54)	T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55)	T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56)	T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range



Response = 5.639e-001 * Amt - 2.582e-002
Coef of Det (r^2) = 0.999232 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040225W.M
Calibration Table Last Updated: Wed Apr 02 03:11:43 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	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	1.167	85	1189	0.822	ug/l		94
3) Chloromethane	1.307	50	1479	0.995	ug/l	#	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l		98
6) Chloroethane	1.673	64	732	1.014	ug/l	#	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l		93
8) Diethyl Ether	2.130	74	668	0.981	ug/l		83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l		94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l		95
14) Allyl chloride	2.660	41	2113	0.959	ug/l		93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l		95
16) Acetone	2.380	43	3867	5.323	ug/l		98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l	#	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l		91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l		92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l		91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l	#	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l	#	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l		95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l	#	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l		92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l		85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l		80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l	#	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l		97
30) Chloroform	5.093	83	2406	0.953	ug/l		84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l	#	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l	#	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l	#	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l	#	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l	#	89
40) Benzene	6.038	78	4957	0.967	ug/l		97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l		
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l		86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l	#	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l		90

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l		90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l	#	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l		92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l		100
52) Toluene	8.720	92	2863	0.923	ug/l		96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l		93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l		90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l	#	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l		
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l		91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l		93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l		85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l		96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l		92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l	#	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l		90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l		97
69) o-Xylene	10.640	106	1724	0.820	ug/l		83
70) Styrene	10.659	104	2750	0.793	ug/l		94
71) Bromoform	10.805	173	675	0.795	ug/l	#	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l		95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l		94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l		
77) Bromobenzene	11.201	156	1072	0.948	ug/l		95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l		97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l		100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l		96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l		99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l		98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l		
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l		99
90) Hexachloroethane	12.543	117	602	0.863	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l	#	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l		94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l		90
95) Naphthalene	13.780	128	3109	0.733	ug/l		99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l		88

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

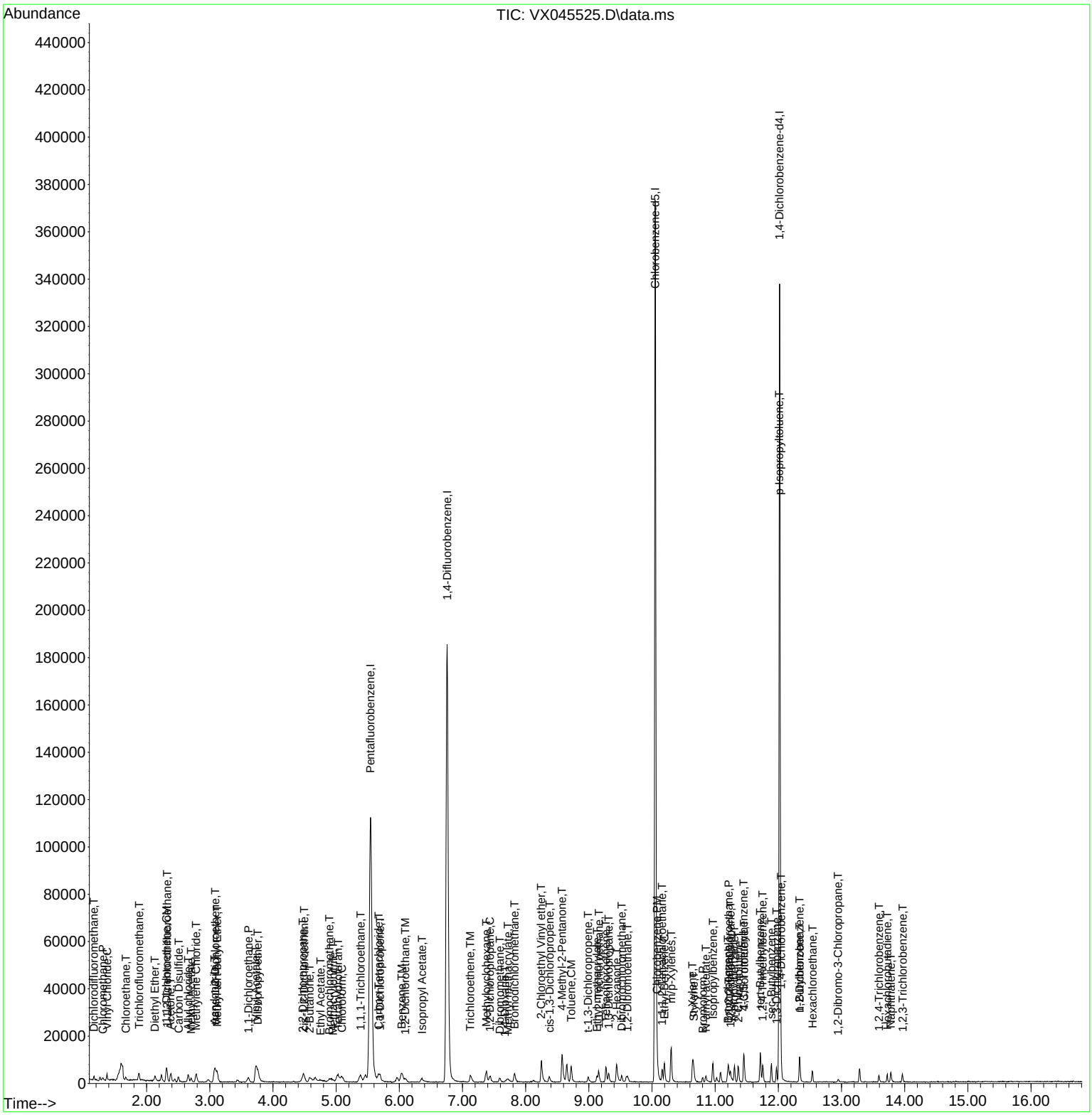
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.520%#			
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.480%#			
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.160%#			
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.160%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l		92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l		100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l		97
44) Trichloroethene	7.129	130	5355	4.635	ug/l		99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l		99
46) Dibromomethane	7.580	93	4767	5.120	ug/l		99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l	#	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l		98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l		97
52) Toluene	8.714	92	14391	4.893	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l		90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l		95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l		99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l		99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l		99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l		98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l		93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l		97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l		97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l		99
69) o-Xylene	10.640	106	9735	4.932	ug/l		99
70) Styrene	10.653	104	15017	4.610	ug/l		96
71) Bromoform	10.799	173	3634	4.558	ug/l	#	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l		100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152	ug/l		
77) Bromobenzene	11.195	156	5927	5.011	ug/l		97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l		98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l		85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l		99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l		99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l		100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l		93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l		98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l		95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l		98
95) Naphthalene	13.774	128	19618	4.424	ug/l		97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 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

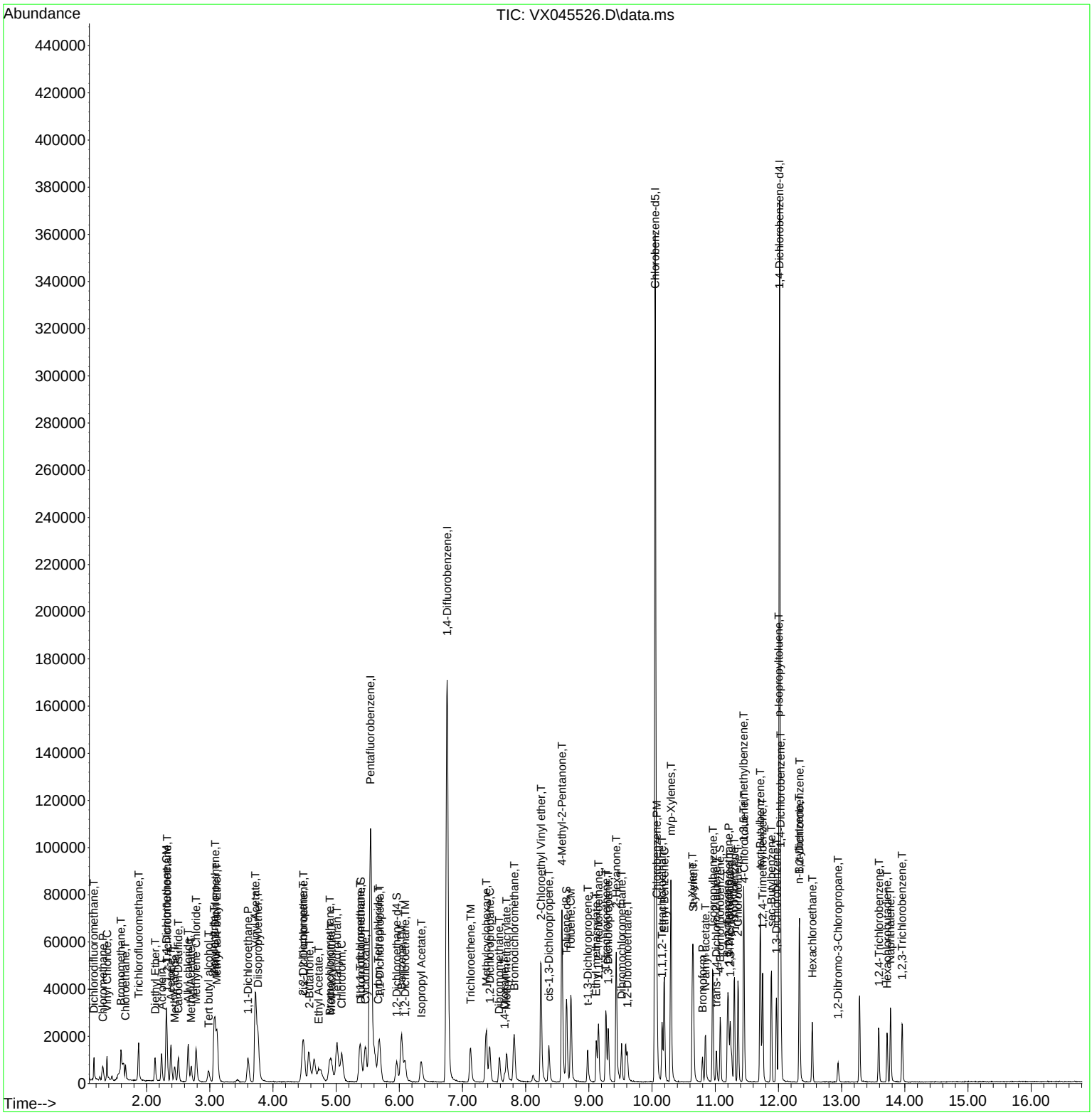
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l		97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l		100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l		99
44) Trichloroethene	7.123	130	22918	20.501	ug/l		97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l		90
46) Dibromomethane	7.580	93	19104	21.207	ug/l		99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l		99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l		99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l		99
52) Toluene	8.714	92	60357	21.208	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l		96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l		99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l		100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l		99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l		98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l		99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l		98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l		98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l		99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l		99
69) o-Xylene	10.640	106	41803	21.158	ug/l		100
70) Styrene	10.653	104	69290	21.249	ug/l		99
71) Bromoform	10.799	173	15659	19.619	ug/l	#	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l		100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l		
77) Bromobenzene	11.195	156	24902	20.592	ug/l		100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l		98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l		88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l		99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l		100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l		100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l		99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l		100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l		98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l		97
95) Naphthalene	13.774	128	94875	20.928	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 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

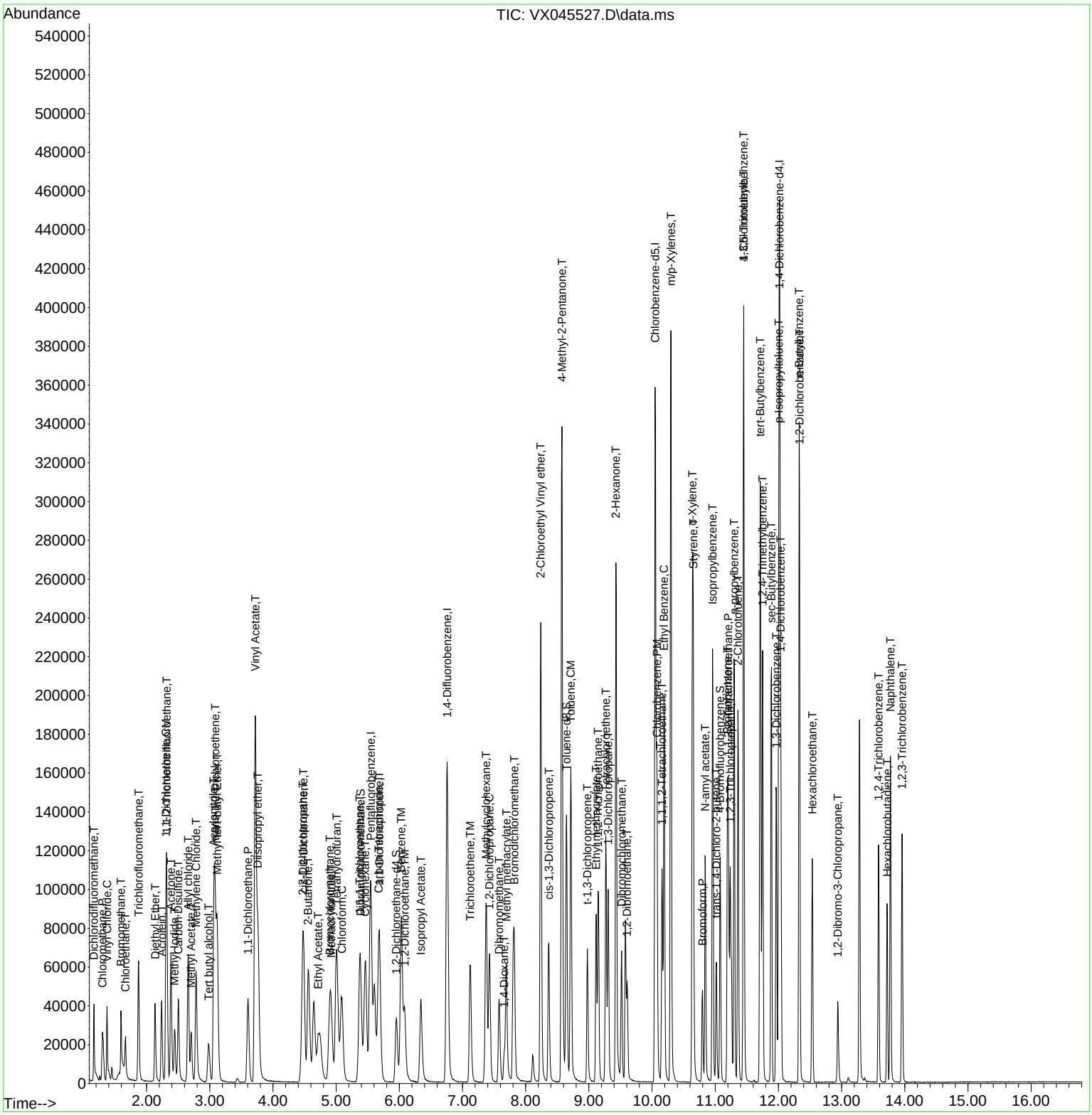
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.960%			
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l		100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l		100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l		100
44) Trichloroethene	7.123	130	59042	50.452	ug/l		100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l		100
46) Dibromomethane	7.574	93	49125	52.092	ug/l		100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l		100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l		100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l		100
52) Toluene	8.714	92	153143	51.402	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l		100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l		100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l		100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l		100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l		100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l		100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l		100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l		100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l		100
69) o-Xylene	10.640	106	108028	52.452	ug/l		100
70) Styrene	10.653	104	182620	53.723	ug/l		100
71) Bromoform	10.799	173	44397	53.361	ug/l	#	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l		100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l		
77) Bromobenzene	11.195	156	64527	50.686	ug/l		100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l		100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l		100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l		100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l		100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l		100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l		100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l		100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l		100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l		100
95) Naphthalene	13.774	128	256009	53.643	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 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

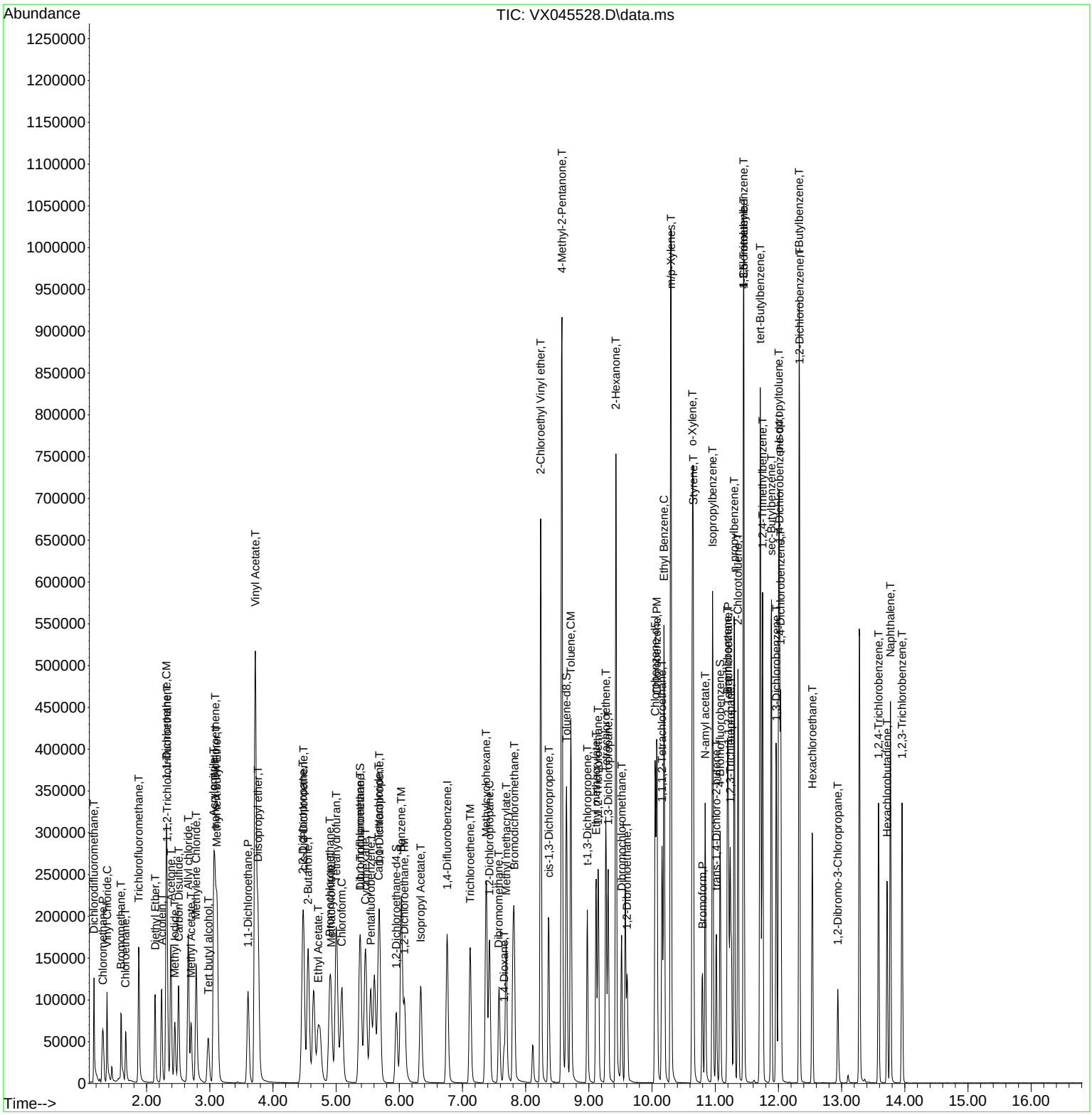
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068 ug/l		99
42) 1,2-Dichloroethane	6.080	62	189528	102.696 ug/l		100
43) Isopropyl Acetate	6.336	43	305974	109.494 ug/l		100
44) Trichloroethene	7.123	130	107332	101.062 ug/l		97
45) 1,2-Dichloropropane	7.421	63	115731	103.806 ug/l		98
46) Dibromomethane	7.574	93	87381	102.101 ug/l		97
47) Bromodichloromethane	7.818	83	179265	104.886 ug/l		98
48) Methyl methacrylate	7.690	41	158241	109.675 ug/l		99
49) 1,4-Dioxane	7.665	88	52624	2015.906 ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814 ug/l		99
52) Toluene	8.714	92	276323	102.199 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645 ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521 ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361 ug/l		98
56) Ethyl methacrylate	9.116	69	192034	115.168 ug/l		99
57) 1,3-Dichloropropane	9.305	76	192473	102.588 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696 ug/l		100
59) 2-Hexanone	9.427	43	738772	538.538 ug/l		99
60) Dibromochloromethane	9.519	129	128700	109.570 ug/l		98
61) 1,2-Dibromoethane	9.604	107	115919	106.282 ug/l		99
64) Tetrachloroethene	9.269	164	90817	94.325 ug/l		99
65) Chlorobenzene	10.073	112	296300	101.682 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243 ug/l		99
67) Ethyl Benzene	10.189	91	543568	104.152 ug/l		99
68) m/p-Xylenes	10.299	106	394241	207.694 ug/l		100
69) o-Xylene	10.640	106	195381	104.487 ug/l		99
70) Styrene	10.653	104	335333	108.654 ug/l		100
71) Bromoform	10.799	173	83632	110.714 ug/l	#	97
73) Isopropylbenzene	10.957	105	522436	100.944 ug/l		100
74) N-amyl acetate	10.842	43	275462	111.267 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744 ug/l		
77) Bromobenzene	11.195	156	119561	99.983 ug/l		99
78) n-propylbenzene	11.299	91	622679	104.454 ug/l		100
79) 2-Chlorotoluene	11.360	91	376682	98.840 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704 ug/l		95
82) 4-Chlorotoluene	11.451	91	432884	101.877 ug/l		99
83) tert-Butylbenzene	11.713	119	437649	103.292 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414 ug/l		99
85) sec-Butylbenzene	11.890	105	546857	105.082 ug/l		100
86) p-Isopropyltoluene	12.006	119	453109	105.609 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749 ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047 ug/l		98
89) n-Butylbenzene	12.329	91	420694	113.075 ug/l		99
90) Hexachloroethane	12.536	117	80489	109.160 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214 ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106 ug/l		99
94) Hexachlorobutadiene	13.725	225	53636	103.326 ug/l		98
95) Naphthalene	13.774	128	499719	111.473 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 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

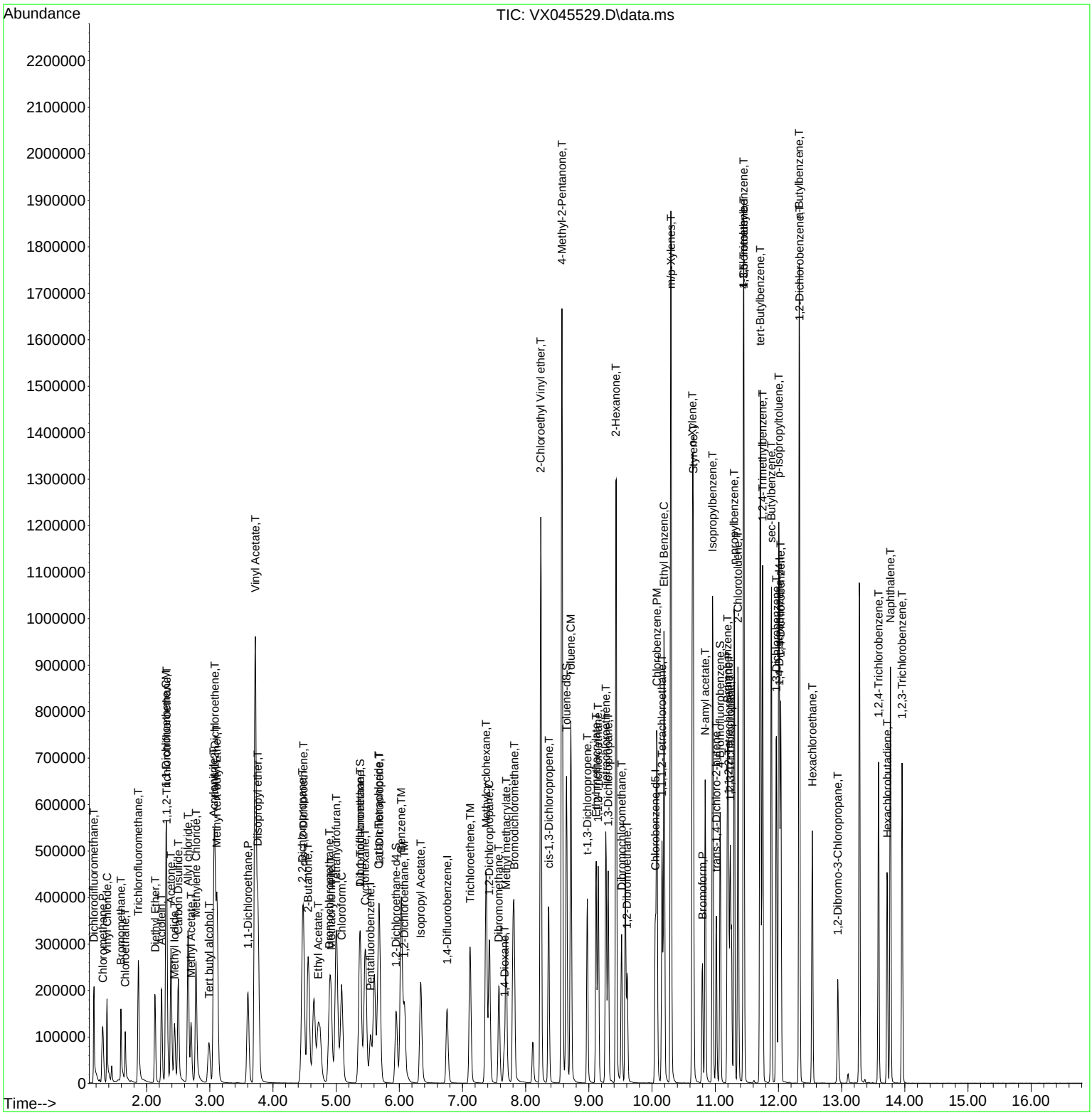
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l		98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l		100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l		99
44) Trichloroethene	7.117	130	170940	153.599	ug/l		95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l		98
46) Dibromomethane	7.574	93	135415	150.996	ug/l		98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l		98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l		99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l		99
52) Toluene	8.714	92	420015	148.245	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l		98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l		98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l		99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l		100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l		98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l		99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l		98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l		99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l		99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l		99
69) o-Xylene	10.640	106	285670	156.241	ug/l		100
70) Styrene	10.653	104	480722	159.299	ug/l		99
71) Bromoform	10.799	173	126115	170.743	ug/l	#	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l		100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l		
77) Bromobenzene	11.195	156	171573	151.033	ug/l		99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l		100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l		93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l		99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l		100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l		100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l		99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l		100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l		99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l		99
95) Naphthalene	13.774	128	733300	172.191	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 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

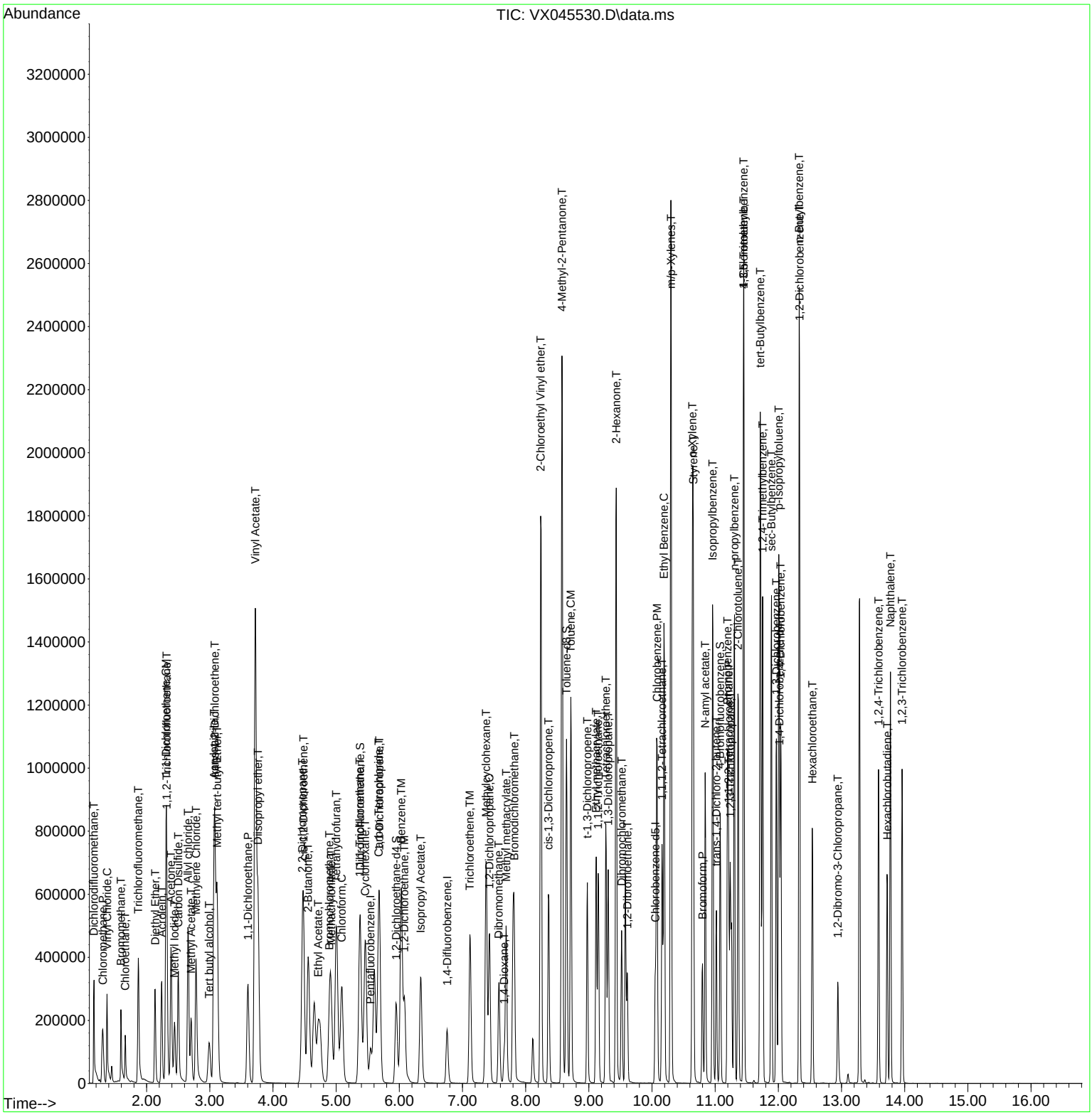
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l		99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l		100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l		100
44) Trichloroethene	7.123	130	57931	47.643	ug/l		92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l		95
46) Dibromomethane	7.574	93	47564	48.542	ug/l		97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l		96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l		99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l		100
52) Toluene	8.714	92	151664	48.994	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l		97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l		100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l		99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l		100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l		99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l		100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l		99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l		99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l		100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l		99
69) o-Xylene	10.640	106	107947	51.650	ug/l		100
70) Styrene	10.653	104	181524	52.624	ug/l		100
71) Bromoform	10.799	173	44489	52.694	ug/l	#	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l		100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l		
77) Bromobenzene	11.195	156	63244	50.525	ug/l		98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l		100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l		98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l		100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l		100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l		97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l		99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l		98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l		98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l		99
95) Naphthalene	13.774	128	247600	52.765	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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

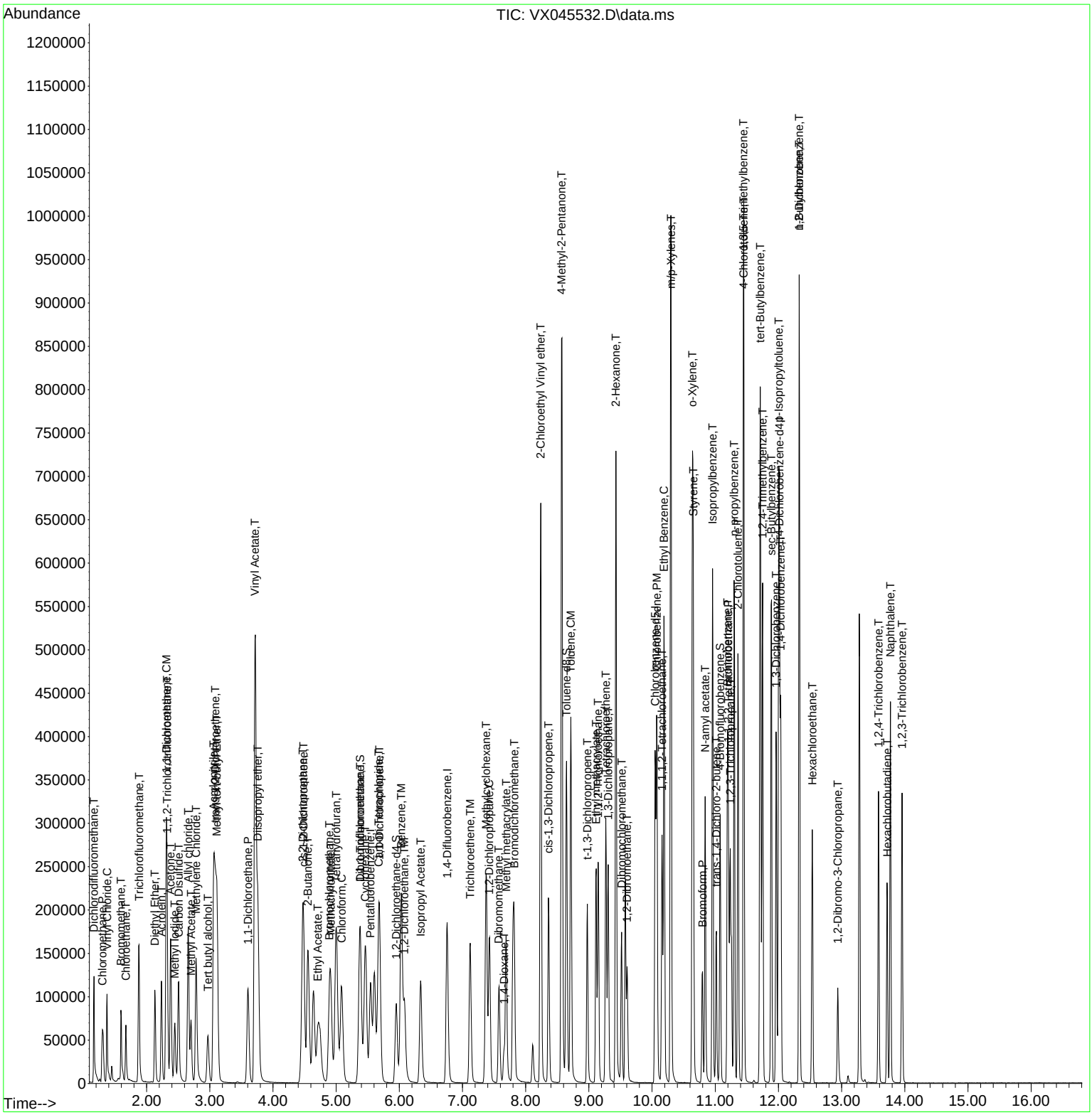
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3	P	Chloromethane	0.768	0.743	3.3	96	0.00
4	C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5	T	Bromomethane	0.333	0.313	6.0	96	0.00
6	T	Chloroethane	0.373	0.385	-3.2	98	0.00
7	T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8	T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10	T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11	T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12	CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13	T	Acrolein	0.169	0.161	4.7	98	0.00
14	T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15	T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16	T	Acetone	0.375	0.363	3.2	98	0.00
17	T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18	T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19	T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20	T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22	T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23	T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24	P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25	T	2-Butanone	0.550	0.560	-1.8	97	0.00
26	T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28	T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29	T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30	C	Chloroform	1.306	1.295	0.8#	100	0.00
31	T	Cyclohexane	1.122	1.112	0.9	100	0.00
32	T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36	T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37	T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38	T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39	T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40	TM	Benzene	1.463	1.440	1.6	101	0.00
41	T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42	TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43	T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44	TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45	C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46	T	Dibromomethane	0.280	0.272	2.9	97	0.00
47	T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48	T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.008	11.1	92	0.00
50	S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52	CM	Toluene	0.885	0.867	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56	T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57	T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59	T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61	T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62	S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65	PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67	C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68	T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69	T	o-Xylene	0.686	0.708	-3.2	100	0.00
70	T	Styrene	1.132	1.191	-5.2	99	0.00
71	P	Bromoform	0.277	0.292	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74	T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76	T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77	T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78	T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79	T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82	T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83	T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85	T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86	T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88	T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89	T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90	T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94	T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95	T	Naphthalene	3.469	3.661	-5.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	0.984	-0.8	97	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\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3	P	Chloromethane	50.000	48.349	3.3	96	0.00
4	C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5	T	Bromomethane	50.000	46.991	6.0	96	0.00
6	T	Chloroethane	50.000	51.586	-3.2	98	0.00
7	T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8	T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10	T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11	T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12	CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13	T	Acrolein	250.000	238.141	4.7	98	0.00
14	T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15	T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16	T	Acetone	250.000	241.904	3.2	98	0.00
17	T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18	T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20	T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22	T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23	T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24	P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25	T	2-Butanone	250.000	254.882	-2.0	97	0.00
26	T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28	T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29	T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30	C	Chloroform	50.000	49.614	0.8#	100	0.00
31	T	Cyclohexane	50.000	49.583	0.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38	T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39	T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40	TM	Benzene	50.000	49.212	1.6	101	0.00
41	T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42	TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43	T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44	TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45	C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46	T	Dibromomethane	50.000	48.542	2.9	97	0.00
47	T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48	T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	955.327	4.5	92	0.00
50	S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52	CM	Toluene	50.000	48.994	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56	T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57	T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59	T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60	T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61	T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65	PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67	C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68	T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69	T	o-Xylene	50.000	51.650	-3.3	100	0.00
70	T	Styrene	50.000	52.624	-5.2	99	0.00
71	P	Bromoform	50.000	52.694	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74	T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76	T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77	T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78	T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79	T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82	T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83	T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85	T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86	T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89	T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90	T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94	T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95	T	Naphthalene	50.000	52.765	-5.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.396	-0.8	97	0.00

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

Raw Data: **VX045985.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

Instrument ID: MSVOA_X Calibration Date/Time: 04/30/2025 10:01

Lab File ID: VX045985.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.703	0.712		1.28	20
1,1-Dichloroethene	0.600	0.646		7.67	20
2-Butanone	0.550	0.628		14.18	20
Carbon Tetrachloride	0.518	0.632		22.01	20
Chloroform	1.306	1.474		12.86	20
Benzene	1.463	1.629		11.35	20
1,2-Dichloroethane	0.604	0.716		18.54	20
Trichloroethene	0.348	0.381		9.48	20
Tetrachloroethene	0.353	0.398		12.75	20
Chlorobenzene	1.068	1.246	0.3	16.67	20
1,2-Dichloroethane-d4	0.914	0.976		6.78	20
Dibromofluoromethane	0.355	0.405		14.09	20
Toluene-d8	1.238	1.287		3.96	20
4-Bromofluorobenzene	0.451	0.514		13.97	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\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	83019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80995	53.349	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	5.373	113	57222	57.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.200%			
50) Toluene-d8	8.646	98	181740	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	72535	56.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	61470	49.511	ug/l	97
3) Chloromethane	1.306	50	62142	48.720	ug/l	98
4) Vinyl Chloride	1.373	62	59100	50.631	ug/l	99
5) Bromomethane	1.593	94	27831	50.285	ug/l	99
6) Chloroethane	1.666	64	33319	53.801	ug/l	98
7) Trichlorofluoromethane	1.873	101	96541	55.463	ug/l	100
8) Diethyl Ether	2.129	74	32208	55.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	59765	58.595	ug/l	97
10) Methyl Iodide	2.446	142	67042	52.697	ug/l	98
11) Tert butyl alcohol	2.971	59	58258	285.531	ug/l	98
12) 1,1-Dichloroethene	2.306	96	53649	53.830	ug/l	99
13) Acrolein	2.233	56	70105	249.511	ug/l	99
14) Allyl chloride	2.654	41	107014	56.591	ug/l	99
15) Acrylonitrile	3.062	53	180191	279.773	ug/l	99
16) Acetone	2.379	43	171103	274.460	ug/l	98
17) Carbon Disulfide	2.501	76	118522	48.149	ug/l	100
18) Methyl Acetate	2.702	43	102006	71.068	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197424	56.627	ug/l	99
20) Methylene Chloride	2.782	84	62273	53.357	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	54085	53.118	ug/l	96
22) Diisopropyl ether	3.757	45	210737	56.574	ug/l	97
23) Vinyl Acetate	3.714	43	900723	279.868	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115868	55.001	ug/l	99
25) 2-Butanone	4.550	43	260657	285.635	ug/l	98
26) 2,2-Dichloropropane	4.464	77	89561	65.801	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	66980	53.994	ug/l	96
28) Bromochloromethane	4.891	49	51886	50.967	ug/l	99
29) Tetrahydrofuran	5.001	42	163973	277.150	ug/l	99
30) Chloroform	5.086	83	122387	56.460	ug/l	96
31) Cyclohexane	5.458	56	97974	52.607	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	105967	57.773	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77142	57.008	ug/l	98
37) Ethyl Acetate	4.708	43	95465	55.982	ug/l	100
38) Carbon Tetrachloride	5.665	117	89240	61.020	ug/l	95
39) Methylcyclohexane	7.372	83	96485	58.168	ug/l	96
40) Benzene	6.031	78	230095	55.676	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	55285	61.444	ug/l		98
42) 1,2-Dichloroethane	6.080	62	101162	59.265	ug/l		99
43) Isopropyl Acetate	6.336	43	152975	59.187	ug/l		99
44) Trichloroethene	7.116	130	53879	54.850	ug/l		89
45) 1,2-Dichloropropane	7.421	63	59913	58.102	ug/l		96
46) Dibromomethane	7.573	93	45762	57.812	ug/l		99
47) Bromodichloromethane	7.817	83	93621	59.224	ug/l		99
48) Methyl methacrylate	7.689	41	80498	60.322	ug/l		98
49) 1,4-Dioxane	7.653	88	28230	1169.224	ug/l		96
51) 4-Methyl-2-Pentanone	8.567	43	523428	305.494	ug/l		99
52) Toluene	8.713	92	141515	56.589	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	83909	54.959	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	93412	62.882	ug/l		97
55) 1,1,2-Trichloroethane	9.146	97	57721	57.923	ug/l		97
56) Ethyl methacrylate	9.116	69	93271	60.478	ug/l		99
57) 1,3-Dichloropropane	9.305	76	101237	58.340	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	225591	289.158	ug/l		100
59) 2-Hexanone	9.427	43	385019	303.451	ug/l		100
60) Dibromochloromethane	9.518	129	67023	61.693	ug/l		99
61) 1,2-Dibromoethane	9.604	107	59506	58.989	ug/l		99
64) Tetrachloroethene	9.268	164	48815	56.324	ug/l		98
65) Chlorobenzene	10.073	112	152893	58.288	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	53762	59.035	ug/l		99
67) Ethyl Benzene	10.189	91	277323	59.031	ug/l		100
68) m/p-Xylenes	10.299	106	203329	118.999	ug/l		100
69) o-Xylene	10.640	106	97759	58.079	ug/l		96
70) Styrene	10.652	104	168026	60.482	ug/l		99
71) Bromoform	10.798	173	43749	64.339	ug/l	#	98
73) Isopropylbenzene	10.957	105	270422	55.748	ug/l		100
74) N-amyl acetate	10.841	43	131755	56.782	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89373	52.449	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	79337m	53.709	ug/l		
77) Bromobenzene	11.195	156	61170	54.578	ug/l		99
78) n-propylbenzene	11.298	91	319585	57.199	ug/l		100
79) 2-Chlorotoluene	11.359	91	194891	54.562	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	228624	56.997	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25105	57.681	ug/l		98
82) 4-Chlorotoluene	11.451	91	226967	56.991	ug/l		100
83) tert-Butylbenzene	11.713	119	225892	56.883	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	230007	57.131	ug/l		99
85) sec-Butylbenzene	11.890	105	285093	58.450	ug/l		99
86) p-Isopropyltoluene	12.006	119	236921	58.918	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	113784	55.772	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	113296	54.777	ug/l		99
89) n-Butylbenzene	12.329	91	214265	61.446	ug/l		99
90) Hexachloroethane	12.536	117	41970	60.731	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	111483	54.962	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21144	59.332	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	64311	56.960	ug/l		100
94) Hexachlorobutadiene	13.725	225	29367	60.361	ug/l		97
95) Naphthalene	13.774	128	237119	56.435	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	67453	57.054	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

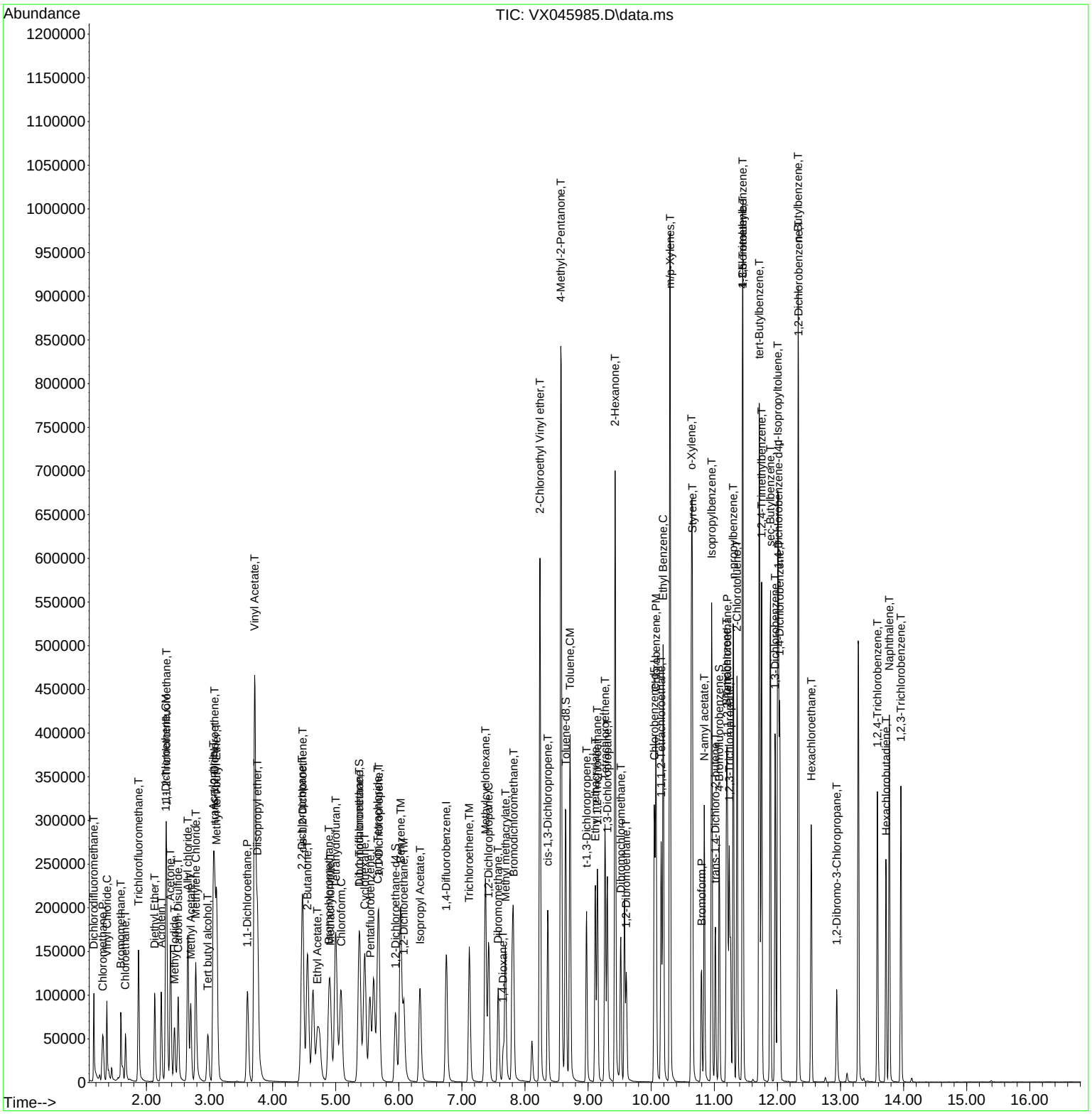
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



Sample Results: **VX045985.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	87	0.00
2	T	Dichlorodifluoromethane	0.748	0.740	1.1	78	0.00
3	P	Chloromethane	0.768	0.749	2.5	83	0.00
4	C	Vinyl Chloride	0.703	0.712	-1.3#	86	0.00
5	T	Bromomethane	0.333	0.335	-0.6	88	0.00
6	T	Chloroethane	0.373	0.401	-7.5	87	0.00
7	T	Trichlorofluoromethane	1.048	1.163	-11.0	93	0.00
8	T	Diethyl Ether	0.352	0.388	-10.2	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.720	-17.3	101	0.00
10	T	Methyl Iodide	0.766	0.808	-5.5	88	0.00
11	T	Tert butyl alcohol	0.123	0.140	-13.8	96	0.00
12	CM	1,1-Dichloroethene	0.600	0.646	-7.7#	93	0.00
13	T	Acrolein	0.169	0.169	0.0	88	0.00
14	T	Allyl chloride	1.139	1.289	-13.2	95	0.00
15	T	Acrylonitrile	0.388	0.434	-11.9	93	0.00
16	T	Acetone	0.375	0.412	-9.9	95	0.00
17	T	Carbon Disulfide	1.483	1.428	3.7	80	0.00
18	T	Methyl Acetate	0.864	1.229	-42.2#	124	0.00
19	T	Methyl tert-butyl Ether	2.100	2.378	-13.2	97	0.00
20	T	Methylene Chloride	0.703	0.750	-6.7	92	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.651	-6.2	91	0.00
22	T	Diisopropyl ether	2.243	2.538	-13.2	96	0.00
23	T	Vinyl Acetate	1.938	2.170	-12.0	90	0.00
24	P	1,1-Dichloroethane	1.269	1.396	-10.0	95	0.00
25	T	2-Butanone	0.550	0.628	-14.2	93	0.00
26	T	2,2-Dichloropropane	0.820	1.079	-31.6#	110	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.807	-8.0	93	0.00
28	T	Bromochloromethane	0.613	0.625	-2.0	91	0.00
29	T	Tetrahydrofuran	0.356	0.395	-11.0	92	0.00
30	C	Chloroform	1.306	1.474	-12.9#	97	0.00
31	T	Cyclohexane	1.122	1.180	-5.2	91	0.00
32	T	1,1,1-Trichloroethane	1.105	1.276	-15.5	100	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.976	-6.8	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.355	0.405	-14.1	98	0.00
36	T	1,1-Dichloropropene	0.479	0.546	-14.0	95	0.00
37	T	Ethyl Acetate	0.604	0.676	-11.9	91	0.00
38	T	Carbon Tetrachloride	0.518	0.632	-22.0	99	0.00
39	T	Methylcyclohexane	0.587	0.683	-16.4	92	0.00
40	TM	Benzene	1.463	1.629	-11.3	92	0.00
41	T	Methacrylonitrile	0.318	0.391	-23.0	94	0.00
42	TM	1,2-Dichloroethane	0.604	0.716	-18.5	97	0.00
43	T	Isopropyl Acetate	0.915	1.083	-18.4	93	0.00
44	TM	Trichloroethene	0.348	0.381	-9.5	91	0.00
45	C	1,2-Dichloropropane	0.365	0.424	-16.2#	95	0.00
46	T	Dibromomethane	0.280	0.324	-15.7	93	0.00
47	T	Bromodichloromethane	0.560	0.663	-18.4	97	0.00
48	T	Methyl methacrylate	0.472	0.570	-20.8	94	0.00

Sample Results: **VX045985.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.010	-11.1	90	0.00
50	S	Toluene-d8	1.238	1.287	-4.0	89	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.741	-22.3	94	0.00
52	CM	Toluene	0.885	1.002	-13.2#	92	0.00
53	T	t-1,3-Dichloropropene	0.467	0.594	-27.2#	98	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.661	-25.7#	98	0.00
55	T	1,1,2-Trichloroethane	0.353	0.409	-15.9	95	0.00
56	T	Ethyl methacrylate	0.546	0.660	-20.9	92	0.00
57	T	1,3-Dichloropropane	0.614	0.717	-16.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.319	-15.6	90	0.00
59	T	2-Hexanone	0.449	0.545	-21.4	93	0.00
60	T	Dibromochloromethane	0.385	0.474	-23.1	97	0.00
61	T	1,2-Dibromoethane	0.357	0.421	-17.9	95	0.00
62	S	4-Bromofluorobenzene	0.451	0.514	-14.0	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.353	0.398	-12.7	94	0.00
65	PM	Chlorobenzene	1.068	1.246	-16.7	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.438	-18.1	96	0.00
67	C	Ethyl Benzene	1.914	2.259	-18.0#	92	0.00
68	T	m/p-Xylenes	0.696	0.828	-19.0	93	0.00
69	T	o-Xylene	0.686	0.796	-16.0	90	0.00
70	T	Styrene	1.132	1.369	-20.9	92	0.00
71	P	Bromoform	0.277	0.356	-28.5#	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	4.005	4.466	-11.5	94	0.00
74	T	N-amyl acetate	1.916	2.176	-13.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.476	-4.9	94	0.00
76	T	1,2,3-Trichloropropane	1.220	1.310	-7.4	94	0.00
77	T	Bromobenzene	0.925	1.010	-9.2	95	0.00
78	T	n-propylbenzene	4.613	5.277	-14.4	95	0.00
79	T	2-Chlorotoluene	2.949	3.218	-9.1	96	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.775	-14.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.415	-15.6	98	0.00
82	T	4-Chlorotoluene	3.288	3.748	-14.0	96	0.00
83	T	tert-Butylbenzene	3.279	3.730	-13.8	96	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.798	-14.3	95	0.00
85	T	sec-Butylbenzene	4.027	4.708	-16.9	96	0.00
86	T	p-Isopropyltoluene	3.320	3.912	-17.8	98	0.00
87	T	1,3-Dichlorobenzene	1.684	1.879	-11.6	97	0.00
88	T	1,4-Dichlorobenzene	1.708	1.871	-9.5	97	0.00
89	T	n-Butylbenzene	2.879	3.538	-22.9	99	0.00
90	T	Hexachloroethane	0.571	0.693	-21.4	102	0.00
91	T	1,2-Dichlorobenzene	1.675	1.841	-9.9	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.349	-18.7	97	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.062	-13.9	99	0.00
94	T	Hexachlorobutadiene	0.402	0.485	-20.6	106	0.00
95	T	Naphthalene	3.469	3.916	-12.9	93	0.00

Sample Results: **VX045985.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	1.114	-14.1	98	0.00

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

Sample Results: **VX045985.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	49.511	1.0	78	0.00
3	P	Chloromethane	50.000	48.720	2.6	83	0.00
4	C	Vinyl Chloride	50.000	50.631	-1.3#	86	0.00
5	T	Bromomethane	50.000	50.285	-0.6	88	0.00
6	T	Chloroethane	50.000	53.801	-7.6	87	0.00
7	T	Trichlorofluoromethane	50.000	55.463	-10.9	93	0.00
8	T	Diethyl Ether	50.000	55.114	-10.2	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	58.595	-17.2	101	0.00
10	T	Methyl Iodide	50.000	52.697	-5.4	88	0.00
11	T	Tert butyl alcohol	250.000	285.531	-14.2	96	0.00
12	CM	1,1-Dichloroethene	50.000	53.830	-7.7#	93	0.00
13	T	Acrolein	250.000	249.511	0.2	88	0.00
14	T	Allyl chloride	50.000	56.591	-13.2	95	0.00
15	T	Acrylonitrile	250.000	279.773	-11.9	93	0.00
16	T	Acetone	250.000	274.460	-9.8	95	0.00
17	T	Carbon Disulfide	50.000	48.149	3.7	80	0.00
18	T	Methyl Acetate	50.000	71.068	-42.1#	124	0.00
19	T	Methyl tert-butyl Ether	50.000	56.627	-13.3	97	0.00
20	T	Methylene Chloride	50.000	53.357	-6.7	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.118	-6.2	91	0.00
22	T	Diisopropyl ether	50.000	56.574	-13.1	96	0.00
23	T	Vinyl Acetate	250.000	279.868	-11.9	90	0.00
24	P	1,1-Dichloroethane	50.000	55.001	-10.0	95	0.00
25	T	2-Butanone	250.000	285.635	-14.3	93	0.00
26	T	2,2-Dichloropropane	50.000	65.801	-31.6#	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.994	-8.0	93	0.00
28	T	Bromochloromethane	50.000	50.967	-1.9	91	0.00
29	T	Tetrahydrofuran	250.000	277.150	-10.9	92	0.00
30	C	Chloroform	50.000	56.460	-12.9#	97	0.00
31	T	Cyclohexane	50.000	52.607	-5.2	91	0.00
32	T	1,1,1-Trichloroethane	50.000	57.773	-15.5	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.349	-6.7	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	57.096	-14.2	98	0.00
36	T	1,1-Dichloropropene	50.000	57.008	-14.0	95	0.00
37	T	Ethyl Acetate	50.000	55.982	-12.0	91	0.00
38	T	Carbon Tetrachloride	50.000	61.020	-22.0	99	0.00
39	T	Methylcyclohexane	50.000	58.168	-16.3	92	0.00
40	TM	Benzene	50.000	55.676	-11.4	92	0.00
41	T	Methacrylonitrile	50.000	61.444	-22.9	94	0.00
42	TM	1,2-Dichloroethane	50.000	59.265	-18.5	97	0.00
43	T	Isopropyl Acetate	50.000	59.187	-18.4	93	0.00
44	TM	Trichloroethene	50.000	54.850	-9.7	91	0.00
45	C	1,2-Dichloropropane	50.000	58.102	-16.2#	95	0.00
46	T	Dibromomethane	50.000	57.812	-15.6	93	0.00
47	T	Bromodichloromethane	50.000	59.224	-18.4	97	0.00
48	T	Methyl methacrylate	50.000	60.322	-20.6	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	1169.224	-16.9	90	0.00
50	S	Toluene-d8	50.000	51.954	-3.9	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	305.494	-22.2	94	0.00
52	CM	Toluene	50.000	56.589	-13.2#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	54.959	-9.9	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	62.882	-25.8#	98	0.00
55	T	1,1,2-Trichloroethane	50.000	57.923	-15.8	95	0.00
56	T	Ethyl methacrylate	50.000	60.478	-21.0	92	0.00
57	T	1,3-Dichloropropane	50.000	58.340	-16.7	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.158	-15.7	90	0.00
59	T	2-Hexanone	250.000	303.451	-21.4	93	0.00
60	T	Dibromochloromethane	50.000	61.693	-23.4	97	0.00
61	T	1,2-Dibromoethane	50.000	58.989	-18.0	95	0.00
62	S	4-Bromofluorobenzene	50.000	56.926	-13.9	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	56.324	-12.6	94	0.00
65	PM	Chlorobenzene	50.000	58.288	-16.6	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.035	-18.1	96	0.00
67	C	Ethyl Benzene	50.000	59.031	-18.1#	92	0.00
68	T	m/p-Xylenes	100.000	118.999	-19.0	93	0.00
69	T	o-Xylene	50.000	58.079	-16.2	90	0.00
70	T	Styrene	50.000	60.482	-21.0	92	0.00
71	P	Bromoform	50.000	64.339	-28.7#	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	55.748	-11.5	94	0.00
74	T	N-amyl acetate	50.000	56.782	-13.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.449	-4.9	94	0.00
76	T	1,2,3-Trichloropropane	50.000	53.709	-7.4	94	0.00
77	T	Bromobenzene	50.000	54.578	-9.2	95	0.00
78	T	n-propylbenzene	50.000	57.199	-14.4	95	0.00
79	T	2-Chlorotoluene	50.000	54.562	-9.1	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.997	-14.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.681	-15.4	98	0.00
82	T	4-Chlorotoluene	50.000	56.991	-14.0	96	0.00
83	T	tert-Butylbenzene	50.000	56.883	-13.8	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.131	-14.3	95	0.00
85	T	sec-Butylbenzene	50.000	58.450	-16.9	96	0.00
86	T	p-Isopropyltoluene	50.000	58.918	-17.8	98	0.00
87	T	1,3-Dichlorobenzene	50.000	55.772	-11.5	97	0.00
88	T	1,4-Dichlorobenzene	50.000	54.777	-9.6	97	0.00
89	T	n-Butylbenzene	50.000	61.446	-22.9	99	0.00
90	T	Hexachloroethane	50.000	60.731	-21.5	102	0.00
91	T	1,2-Dichlorobenzene	50.000	54.962	-9.9	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.332	-18.7	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.960	-13.9	99	0.00
94	T	Hexachlorobutadiene	50.000	60.361	-20.7	106	0.00
95	T	Naphthalene	50.000	56.435	-12.9	93	0.00

Sample Results: **VX045985.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	57.054	-14.1	98	0.00

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

QC SAMPLE DATA

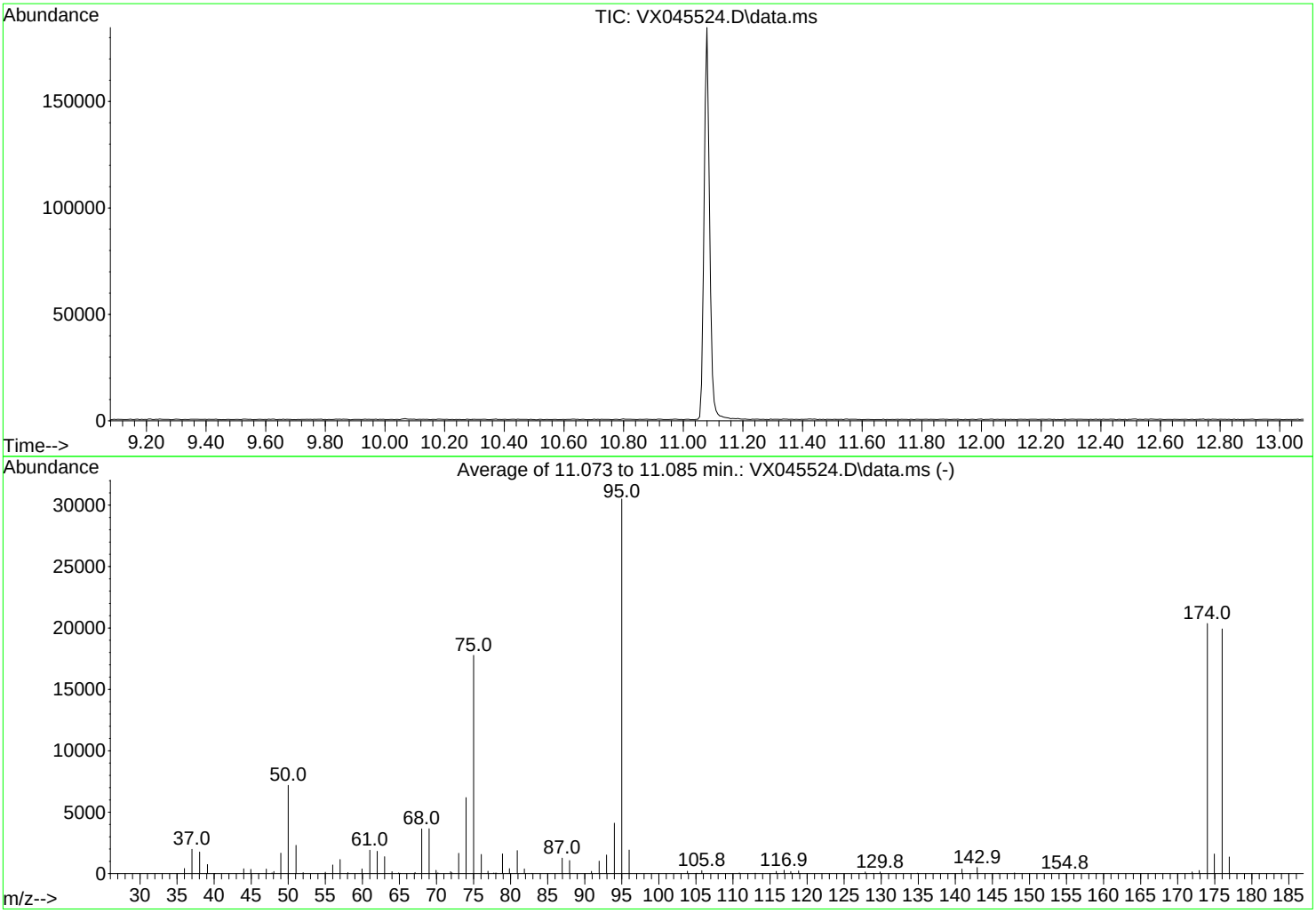
Sample Results: **VX045524.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

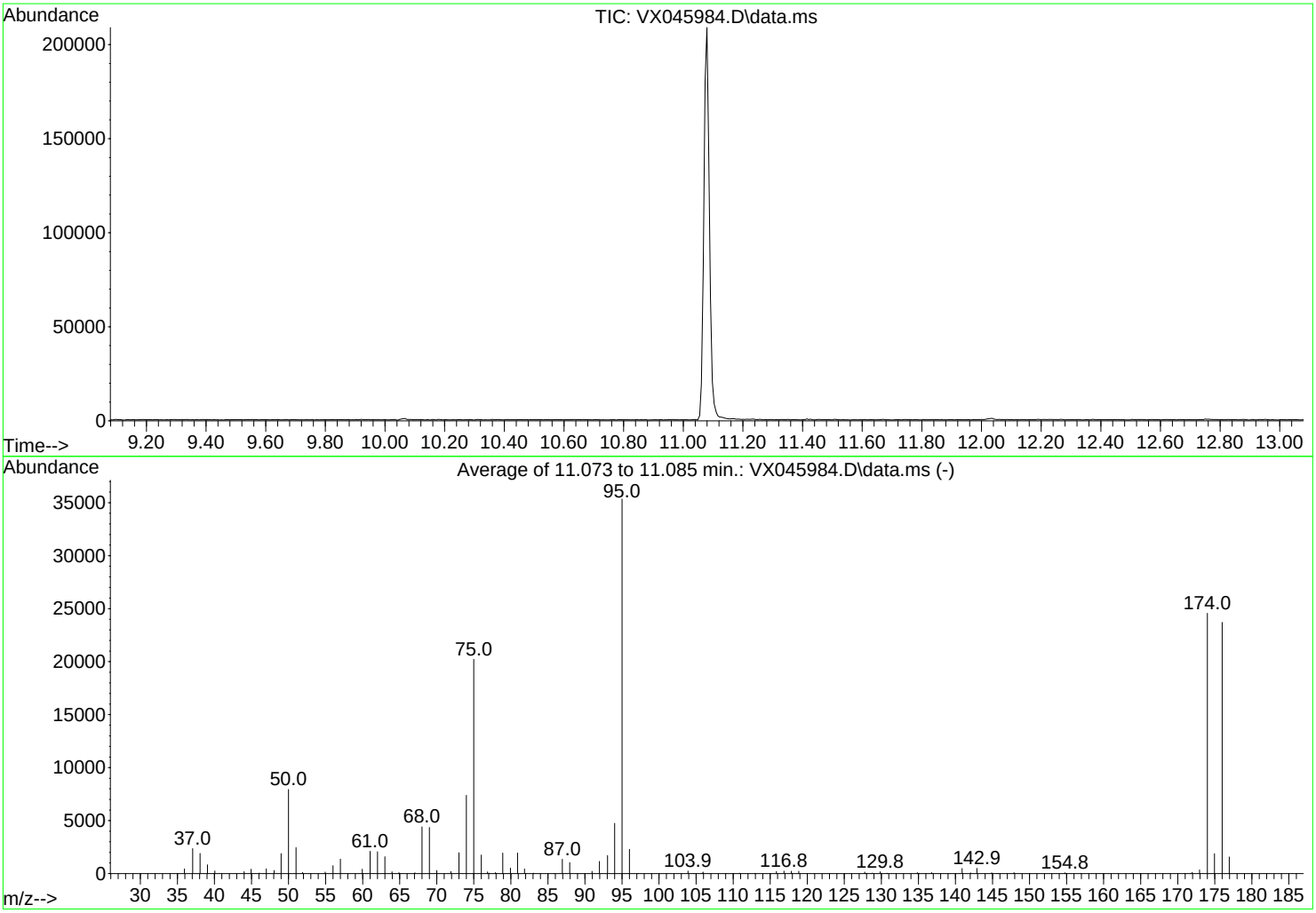
Sample Results: **VX045984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045984.D
Acq On : 30 Apr 2025 09:32
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	22.5	7942	PASS
75	95	30	60	57.2	20221	PASS
95	95	100	100	100.0	35349	PASS
96	95	5	9	6.5	2291	PASS
173	174	0.00	2	1.4	345	PASS
174	95	50	100	69.5	24563	PASS
175	174	5	9	7.7	1882	PASS
176	174	95	101	96.5	23704	PASS
177	176	5	9	6.6	1575	PASS

Raw Data: **VX045987.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VX0430WBL01	SDG No.:	Q1907
Lab Sample ID:	VX0430WBL01	Matrix:	TCLP
Analytical Method:	SW8260	% 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
VX045987.D	1		04/30/25 10:55	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62300	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	49800	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\VX043025\
Data File : VX045987.D
Acq On : 30 Apr 2025 10:55
Operator : JC/MD
Sample : VX0430WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Quant Time: May 01 03:35:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64126	56.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	5.379	113	46693	52.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	8.647	98	156289	50.392	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	58679	51.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.880%			

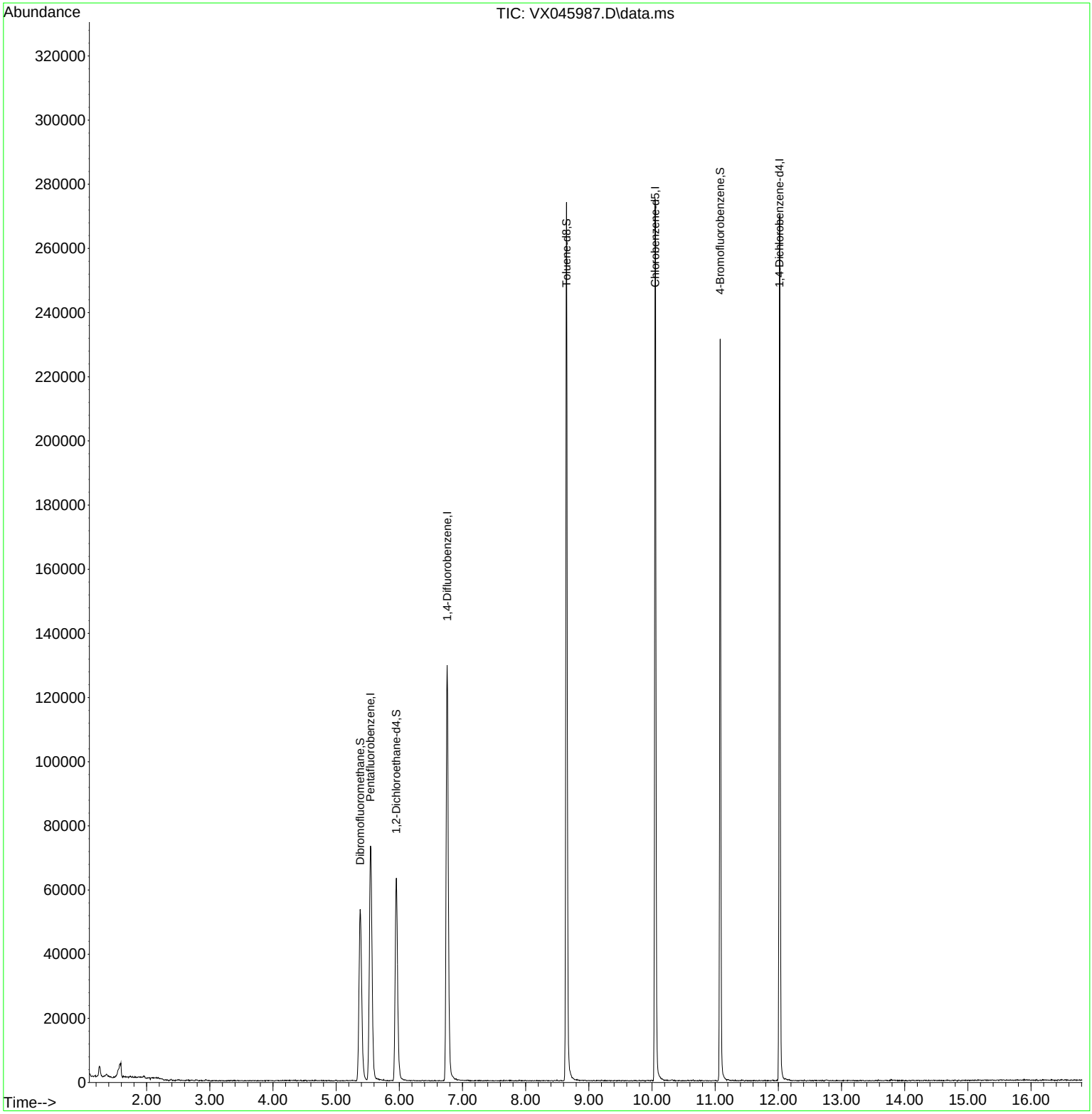
Target Compounds Qvalue

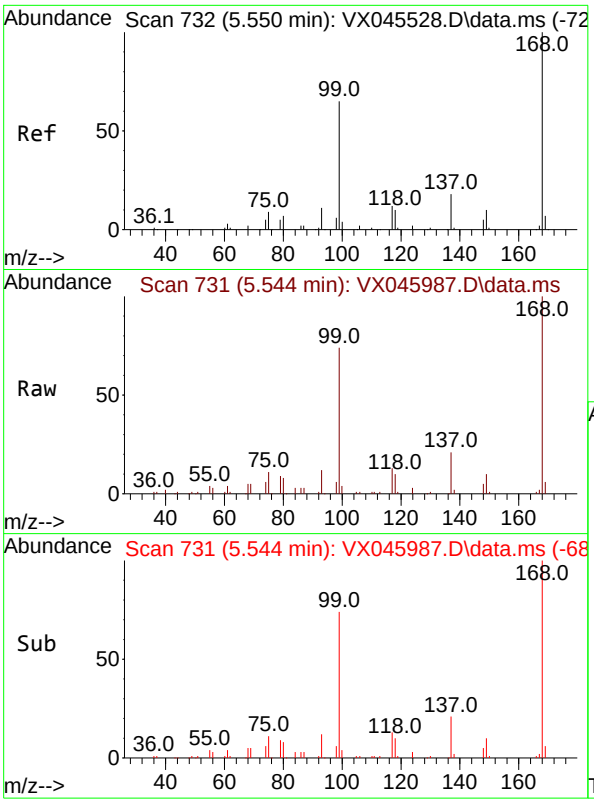
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045987.D
Acq On : 30 Apr 2025 10:55
Operator : JC/MD
Sample : VX0430WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Quant Time: May 01 03:35:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



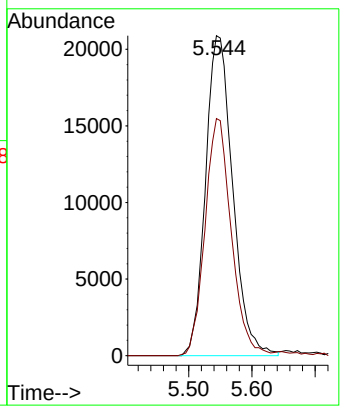


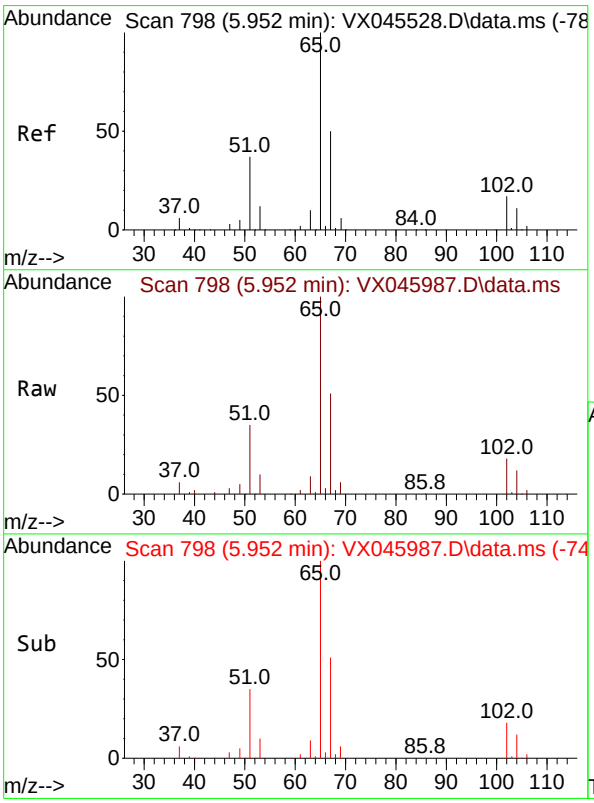
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion:168 Resp: 62274

Ion	Ratio	Lower	Upper
168	100		
99	74.1	52.3	78.5

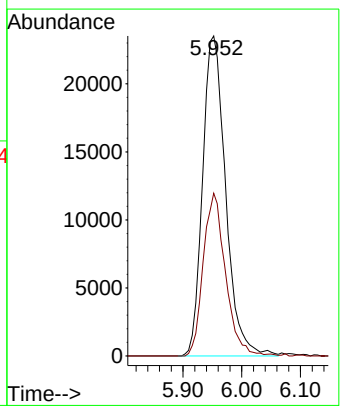


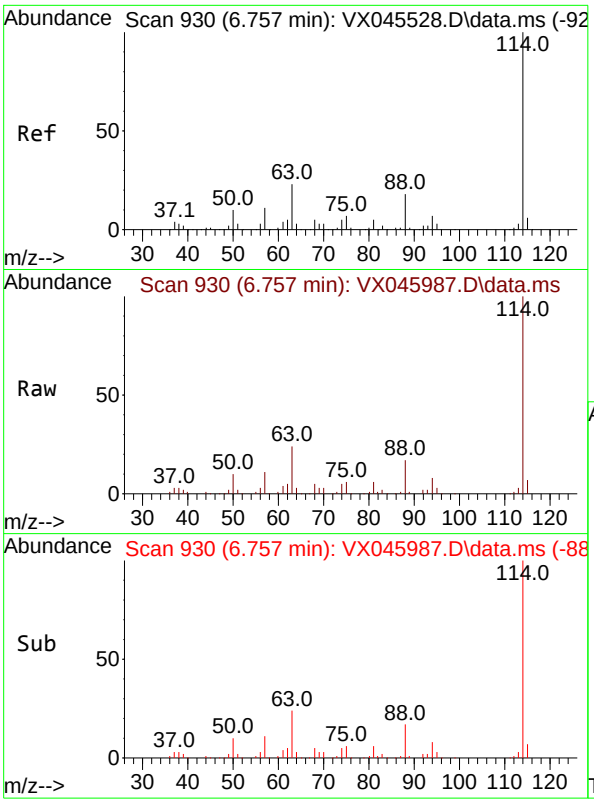


#33
1,2-Dichloroethane-d4
Concen: 56.309 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 65 Resp: 64126

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0



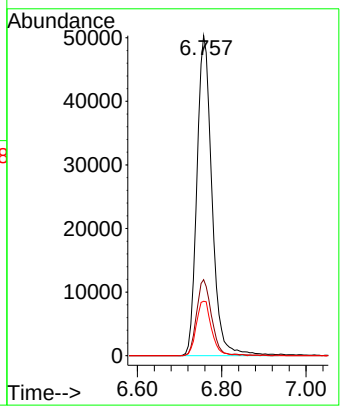


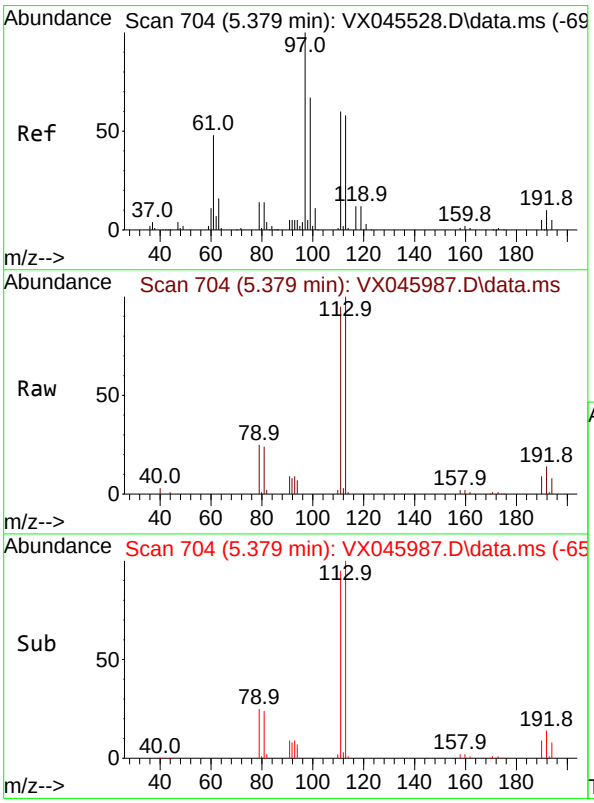
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion:114 Resp: 125239

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.8
88	17.0	0.0	35.4

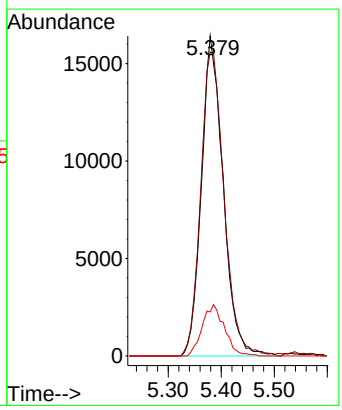


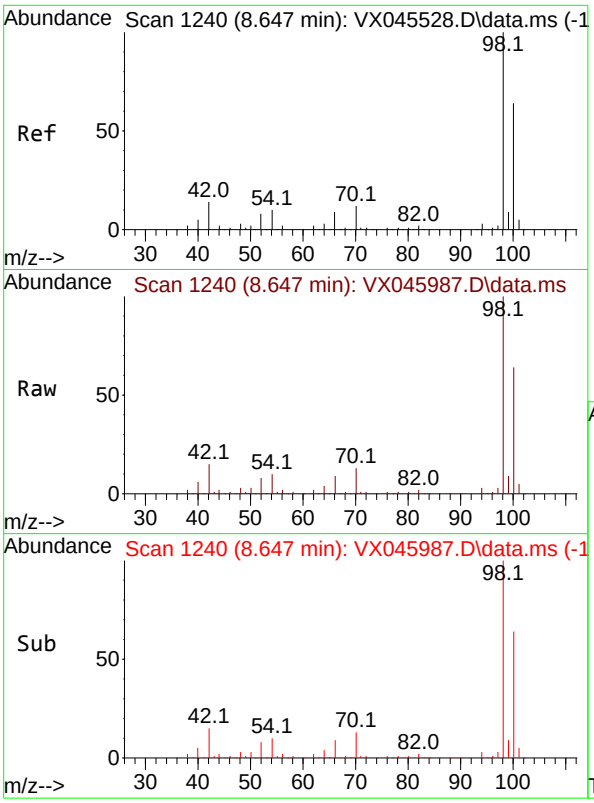


#35
Dibromofluoromethane
Concen: 52.548 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion:113 Resp: 46693

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	16.4	13.8	20.6



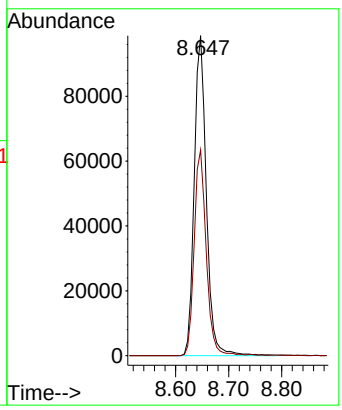


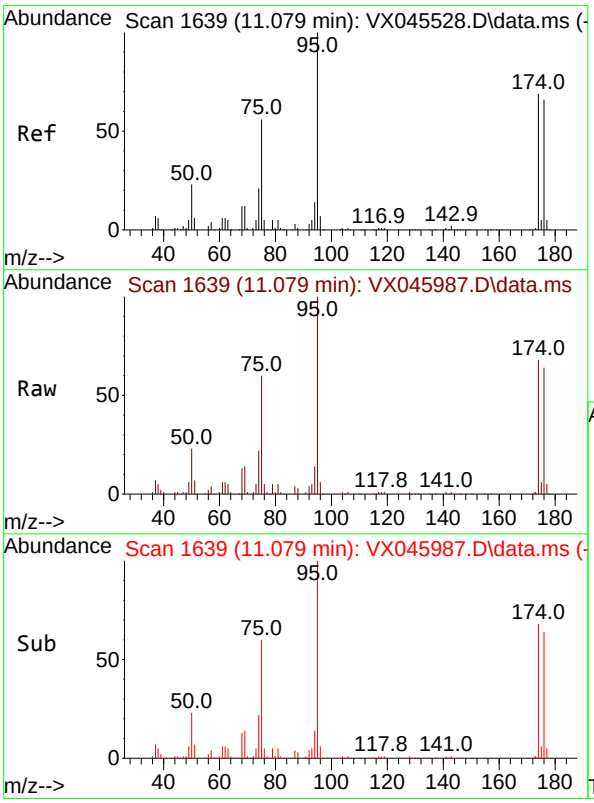
#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion: 98 Resp: 156289

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4

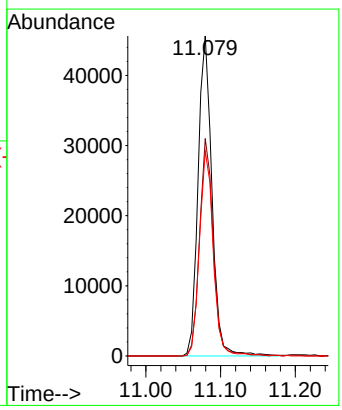


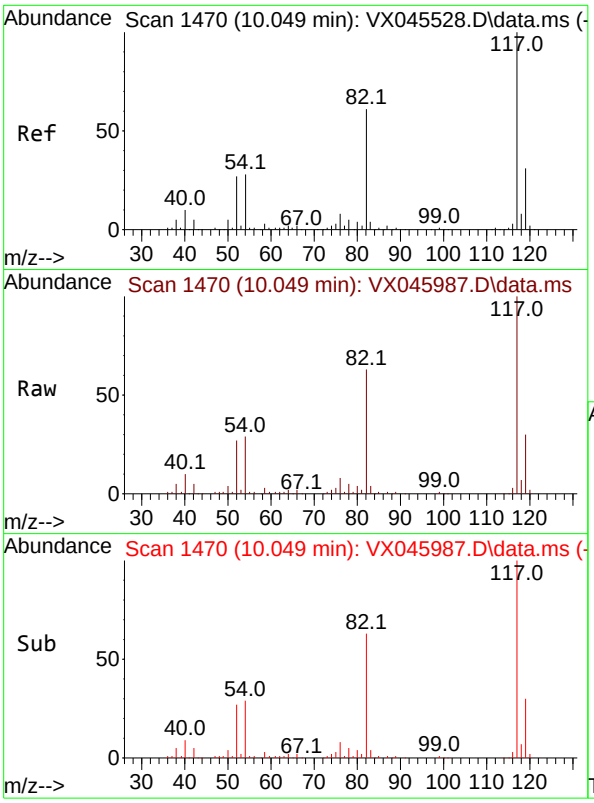


#62
4-Bromofluorobenzene
Concen: 51.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 95 Resp: 58679

Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	135.8
176	63.7	0.0	131.4



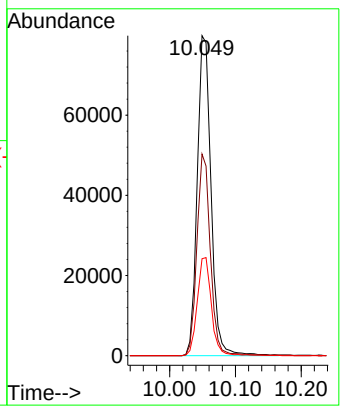


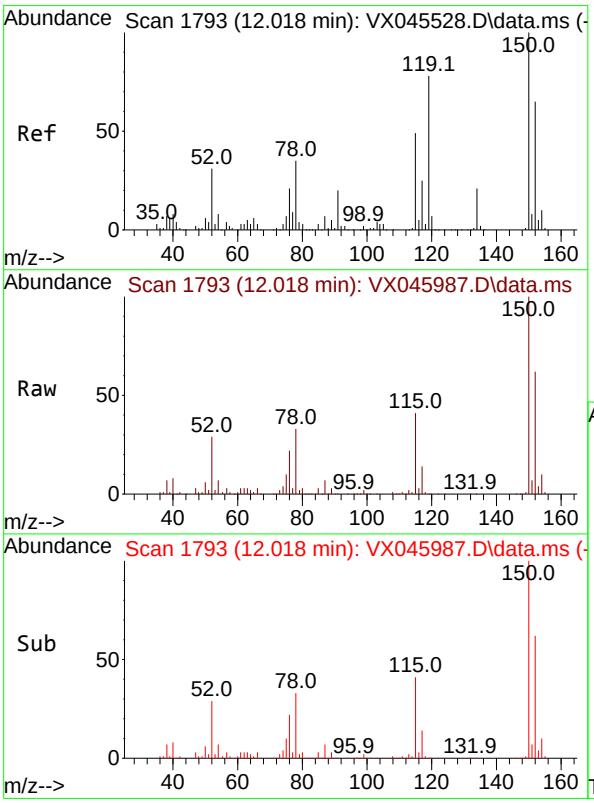
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion:117 Resp: 116463

Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.2	73.8
119	30.3	25.1	37.7

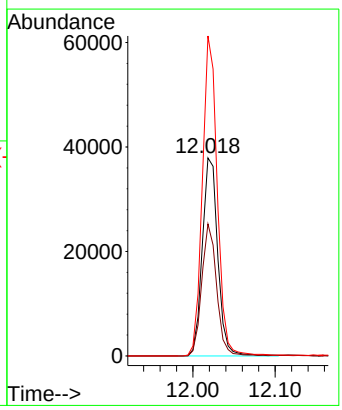




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion:152 Resp: 49781

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	155.8	0.0	349.4



Raw Data: **VX045988.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VX0430WBS01	SDG No.:	Q1907
Lab Sample ID:	VX0430WBS01	Matrix:	TCLP
Analytical Method:	SW8260	% 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
VX045988.D	1		04/30/25 11:19	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.8		0.25	1.00	ug/L
67-66-3	Chloroform	21.6		0.25	1.00	ug/L
71-43-2	Benzene	20.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	22.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	21.3		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	52.1		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	79600	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	123000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58100	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\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	79591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79431	54.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	5.379	113	55572	56.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.080%			
50) Toluene-d8	8.647	98	178715	52.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	69575	55.677	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20655	17.353	ug/l	98
3) Chloromethane	1.307	50	20162	16.488	ug/l	98
4) Vinyl Chloride	1.374	62	19329	17.272	ug/l	97
5) Bromomethane	1.593	94	9557	18.011	ug/l	99
6) Chloroethane	1.672	64	11560	19.470	ug/l	98
7) Trichlorofluoromethane	1.874	101	33075	19.820	ug/l	98
8) Diethyl Ether	2.136	74	11018	19.666	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	19906	20.357	ug/l	98
10) Methyl Iodide	2.447	142	22014	18.049	ug/l	95
11) Tert butyl alcohol	2.977	59	23070	117.939	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17690	18.514	ug/l	97
13) Acrolein	2.233	56	24514	91.006	ug/l	100
14) Allyl chloride	2.654	41	36647	20.214	ug/l	98
15) Acrylonitrile	3.062	53	67478	109.282	ug/l	99
16) Acetone	2.386	43	65143	108.994	ug/l	100
17) Carbon Disulfide	2.502	76	31903	13.519	ug/l	98
18) Methyl Acetate	2.703	43	41651	30.268	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71425	21.369	ug/l	98
20) Methylene Chloride	2.782	84	22667	20.258	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	18566	19.019	ug/l	95
22) Diisopropyl ether	3.757	45	74999	21.001	ug/l #	85
23) Vinyl Acetate	3.721	43	305569	99.034	ug/l	98
24) 1,1-Dichloroethane	3.605	63	41234	20.416	ug/l	98
25) 2-Butanone	4.556	43	98463	112.545	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30457	23.341	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24129	20.289	ug/l	98
28) Bromochloromethane	4.897	49	21912	22.451	ug/l	98
29) Tetrahydrofuran	5.007	42	59403	104.729	ug/l	98
30) Chloroform	5.086	83	44895	21.603	ug/l	98
31) Cyclohexane	5.464	56	31971	17.906	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37155	21.129	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26313	19.828	ug/l	99
37) Ethyl Acetate	4.721	43	35233	21.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	31212	21.762	ug/l	98
39) Methylcyclohexane	7.379	83	31558	19.400	ug/l	96
40) Benzene	6.031	78	81782	20.178	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21012	23.812	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38214	22.828	ug/l		100
43) Isopropyl Acetate	6.342	43	55624	21.945	ug/l		99
44) Trichloroethene	7.123	130	19172	19.902	ug/l		100
45) 1,2-Dichloropropane	7.428	63	22110	21.864	ug/l		95
46) Dibromomethane	7.580	93	16648	21.445	ug/l		97
47) Bromodichloromethane	7.818	83	34537	22.278	ug/l		98
48) Methyl methacrylate	7.696	41	28745	21.964	ug/l		98
49) 1,4-Dioxane	7.659	88	11623	490.868	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	198681	118.239	ug/l		99
52) Toluene	8.714	92	49625	20.234	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	27493	19.886	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	31316	21.496	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21829	22.336	ug/l		96
56) Ethyl methacrylate	9.116	69	33224	21.967	ug/l		99
57) 1,3-Dichloropropane	9.305	76	37096	21.798	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	82278	107.537	ug/l		100
59) 2-Hexanone	9.427	43	145801	117.173	ug/l		97
60) Dibromochloromethane	9.519	129	23829	22.366	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21647	21.881	ug/l		99
64) Tetrachloroethene	9.269	164	16523	19.003	ug/l		97
65) Chlorobenzene	10.079	112	56077	21.309	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19738	21.604	ug/l		99
67) Ethyl Benzene	10.189	91	97246	20.633	ug/l		99
68) m/p-Xylenes	10.299	106	72902	42.527	ug/l		98
69) o-Xylene	10.640	106	35400	20.963	ug/l		97
70) Styrene	10.653	104	59894	21.489	ug/l		99
71) Bromoform	10.799	173	14723	21.582	ug/l	#	97
73) Isopropylbenzene	10.957	105	96591	20.743	ug/l		99
74) N-amyl acetate	10.842	43	46784	21.003	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36005	22.010	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30299m	21.367	ug/l		
77) Bromobenzene	11.195	156	22344	20.767	ug/l		97
78) n-propylbenzene	11.305	91	109148	20.349	ug/l		100
79) 2-Chlorotoluene	11.360	91	70063	20.433	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	81280	21.108	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8077	19.331	ug/l		93
82) 4-Chlorotoluene	11.451	91	78533	20.541	ug/l		99
83) tert-Butylbenzene	11.713	119	80806	21.196	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	80186	20.747	ug/l		100
85) sec-Butylbenzene	11.890	105	99095	21.163	ug/l		100
86) p-Isopropyltoluene	12.006	119	80817	20.935	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	39864	20.354	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	39715	20.002	ug/l		97
89) n-Butylbenzene	12.329	91	67323	20.111	ug/l		99
90) Hexachloroethane	12.536	117	15013	22.629	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	41948	21.543	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8244	24.098	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	21969	20.269	ug/l		99
94) Hexachlorobutadiene	13.725	225	9928	21.256	ug/l		98
95) Naphthalene	13.774	128	82567	20.470	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	23750	20.926	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

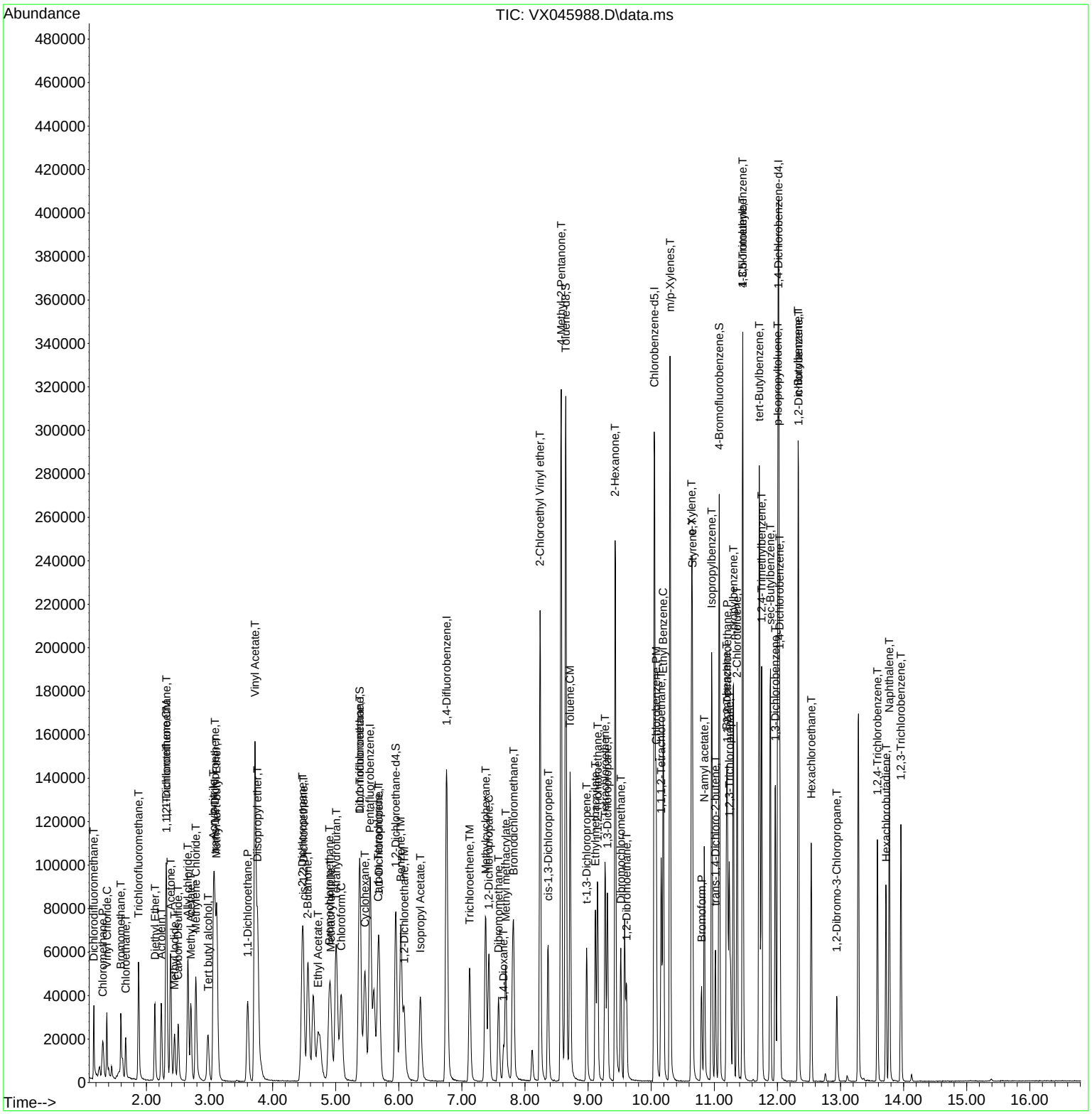
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



Raw Data: **VX045989.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VX0430WBSD01	SDG No.:	Q1907
Lab Sample ID:	VX0430WBSD01	Matrix:	TCLP
Analytical Method:	SW8260	% 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
VX045989.D	1		04/30/25 11:46	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	16.6		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
78-93-3	2-Butanone	120		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.8		0.25	1.00	ug/L
67-66-3	Chloroform	21.0		0.25	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	22.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.2		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	20.1		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	77100	5.544			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	120000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58000	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\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	77091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76548	54.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	5.373	113	53152	56.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.060%			
50) Toluene-d8	8.647	98	170578	51.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	11.079	95	67546	56.502	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19802	17.176	ug/l	100
3) Chloromethane	1.313	50	19172	16.187	ug/l	99
4) Vinyl Chloride	1.374	62	18020	16.625	ug/l	98
5) Bromomethane	1.593	94	8899	17.315	ug/l	90
6) Chloroethane	1.672	64	11286	19.625	ug/l	97
7) Trichlorofluoromethane	1.874	101	31149	19.271	ug/l	99
8) Diethyl Ether	2.130	74	10936	20.153	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	19835	20.942	ug/l	95
10) Methyl Iodide	2.441	142	21014	17.788	ug/l	96
11) Tert butyl alcohol	2.971	59	23847	125.865	ug/l	99
12) 1,1-Dichloroethene	2.313	96	17147	18.528	ug/l	99
13) Acrolein	2.239	56	24855	95.264	ug/l	99
14) Allyl chloride	2.654	41	35280	20.091	ug/l	98
15) Acrylonitrile	3.062	53	68503	114.540	ug/l	99
16) Acetone	2.380	43	64597	111.586	ug/l	99
17) Carbon Disulfide	2.502	76	30965	13.547	ug/l	97
18) Methyl Acetate	2.703	43	41923	31.454	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	70251	21.699	ug/l	98
20) Methylene Chloride	2.782	84	21419	19.763	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	17388	18.390	ug/l	100
22) Diisopropyl ether	3.757	45	73121	21.139	ug/l #	86
23) Vinyl Acetate	3.721	43	305094	102.087	ug/l	100
24) 1,1-Dichloroethane	3.605	63	39868	20.380	ug/l	99
25) 2-Butanone	4.556	43	99066	116.907	ug/l	99
26) 2,2-Dichloropropane	4.465	77	28118	22.247	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	22576	19.599	ug/l	96
28) Bromochloromethane	4.885	49	21046	22.263	ug/l	98
29) Tetrahydrofuran	5.007	42	61153	111.310	ug/l	99
30) Chloroform	5.093	83	42259	20.994	ug/l	97
31) Cyclohexane	5.464	56	30753	17.783	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	35070	20.590	ug/l	99
36) 1,1-Dichloropropene	5.684	75	24998	19.690	ug/l	98
37) Ethyl Acetate	4.715	43	36276	22.673	ug/l	100
38) Carbon Tetrachloride	5.672	117	29859	21.761	ug/l	95
39) Methylcyclohexane	7.373	83	30124	19.357	ug/l	97
40) Benzene	6.031	78	78100	20.142	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	20886	24.741	ug/l		99
42) 1,2-Dichloroethane	6.080	62	36192	22.599	ug/l		100
43) Isopropyl Acetate	6.336	43	55432	22.859	ug/l		99
44) Trichloroethene	7.123	130	18593	20.175	ug/l		98
45) 1,2-Dichloropropane	7.427	63	20323	21.007	ug/l		100
46) Dibromomethane	7.580	93	16754	22.559	ug/l		98
47) Bromodichloromethane	7.818	83	32842	22.144	ug/l		96
48) Methyl methacrylate	7.696	41	29705	23.725	ug/l		95
49) 1,4-Dioxane	7.659	88	11882	524.532	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	200655	124.822	ug/l		99
52) Toluene	8.714	92	48144	20.520	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	27195	20.484	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	30656	21.995	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21327	22.811	ug/l		96
56) Ethyl methacrylate	9.116	69	33367	23.060	ug/l		98
57) 1,3-Dichloropropane	9.305	76	37428	22.989	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	82443	112.632	ug/l		99
59) 2-Hexanone	9.427	43	148985	125.154	ug/l		99
60) Dibromochloromethane	9.519	129	23601	23.155	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21044	22.235	ug/l		99
64) Tetrachloroethene	9.269	164	16952	20.089	ug/l		94
65) Chlorobenzene	10.079	112	53134	20.805	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	19451	21.937	ug/l		100
67) Ethyl Benzene	10.189	91	94433	20.646	ug/l		100
68) m/p-Xylenes	10.299	106	68936	41.438	ug/l		99
69) o-Xylene	10.640	106	34475	21.036	ug/l		97
70) Styrene	10.652	104	58136	21.493	ug/l		99
71) Bromoform	10.799	173	14163	21.393	ug/l	#	96
73) Isopropylbenzene	10.957	105	93397	20.114	ug/l		99
74) N-amyl acetate	10.841	43	46998	21.159	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35853	21.980	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30347m	21.461	ug/l		
77) Bromobenzene	11.195	156	21288	19.842	ug/l		100
78) n-propylbenzene	11.299	91	105745	19.771	ug/l		100
79) 2-Chlorotoluene	11.360	91	67959	19.875	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	78107	20.342	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8046	19.312	ug/l		94
82) 4-Chlorotoluene	11.451	91	77828	20.415	ug/l		100
83) tert-Butylbenzene	11.713	119	78473	20.643	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	79237	20.560	ug/l		98
85) sec-Butylbenzene	11.890	105	96175	20.598	ug/l		99
86) p-Isopropyltoluene	12.006	119	79550	20.666	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	40079	20.522	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	40092	20.249	ug/l		97
89) n-Butylbenzene	12.329	91	67485	20.217	ug/l		99
90) Hexachloroethane	12.536	117	13797	20.856	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	40561	20.890	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8302	24.336	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	22099	20.447	ug/l		98
94) Hexachlorobutadiene	13.725	225	9861	21.173	ug/l		97
95) Naphthalene	13.774	128	83334	20.719	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23622	20.872	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

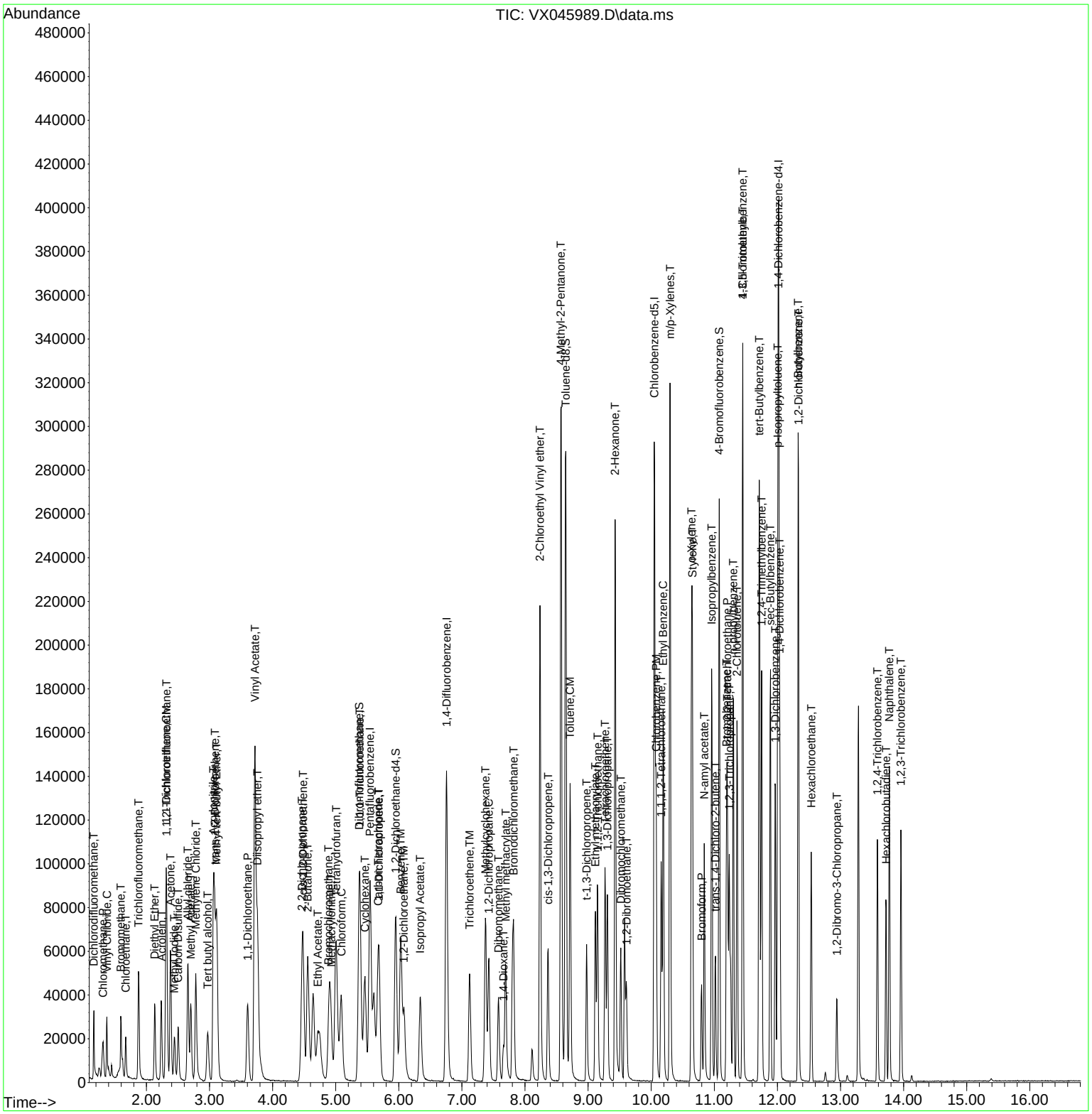
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX040225	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:	vx043025	Instrument	MSVOA_x

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

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not 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 # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	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 # VX043025

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045984.D	30 Apr 2025 09:32	JC/MD	Ok
2	VSTDCCC050	VX045985.D	30 Apr 2025 10:01	JC/MD	Ok,NR
3	VX0430MBL01	VX045986.D	30 Apr 2025 10:32	JC/MD	Ok
4	VX0430WBL01	VX045987.D	30 Apr 2025 10:55	JC/MD	Ok
5	VX0430WBS01	VX045988.D	30 Apr 2025 11:19	JC/MD	Ok,NR
6	VX0430WBSD01	VX045989.D	30 Apr 2025 11:46	JC/MD	Ok,NR
7	IBLK	VX045990.D	30 Apr 2025 12:09	JC/MD	Ok
8	Q1914-14	VX045991.D	30 Apr 2025 12:32	JC/MD	Ok
9	Q1904-02	VX045992.D	30 Apr 2025 12:56	JC/MD	Ok
10	Q1901-09	VX045993.D	30 Apr 2025 13:19	JC/MD	Ok
11	Q1901-10	VX045994.D	30 Apr 2025 13:42	JC/MD	Ok
12	Q1915-01	VX045995.D	30 Apr 2025 14:06	JC/MD	Ok
13	Q1901-08	VX045996.D	30 Apr 2025 14:29	JC/MD	Ok
14	Q1905-04	VX045997.D	30 Apr 2025 14:53	JC/MD	Ok
15	Q1905-08	VX045998.D	30 Apr 2025 15:16	JC/MD	Ok
16	Q1906-04	VX045999.D	30 Apr 2025 15:40	JC/MD	Ok
17	Q1906-08	VX046000.D	30 Apr 2025 16:03	JC/MD	Ok
18	Q1906-12	VX046001.D	30 Apr 2025 16:27	JC/MD	Ok
19	Q1906-16	VX046002.D	30 Apr 2025 16:50	JC/MD	Ok
20	Q1907-02	VX046003.D	30 Apr 2025 17:13	JC/MD	Ok,NR
21	Q1912-04	VX046004.D	30 Apr 2025 17:37	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 # VX043025

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1912-08	VX046005.D	30 Apr 2025 18:00	JC/MD	Ok
23	Q1913-01	VX046006.D	30 Apr 2025 18:24	JC/MD	Ok
24	Q1913-03	VX046007.D	30 Apr 2025 18:47	JC/MD	Ok
25	Q1913-04	VX046008.D	30 Apr 2025 19:10	JC/MD	ReRun
26	Q1913-02	VX046009.D	30 Apr 2025 19:34	JC/MD	Ok
27	Q1901-11	VX046010.D	30 Apr 2025 19:57	JC/MD	Ok
28	VSTDCCC050	VX046011.D	30 Apr 2025 20:21	JC/MD	Ok,NR

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 # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

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 # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER-	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER-	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		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 # VX043025

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
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	VX045984.D	30 Apr 2025 09:32		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045985.D	30 Apr 2025 10:01		JC/MD	Ok,NR
3	VX0430MBL01	VX0430MBL01	VX045986.D	30 Apr 2025 10:32		JC/MD	Ok
4	VX0430WBL01	VX0430WBL01	VX045987.D	30 Apr 2025 10:55		JC/MD	Ok
5	VX0430WBS01	VX0430WBS01	VX045988.D	30 Apr 2025 11:19		JC/MD	Ok,NR
6	VX0430WBSD01	VX0430WBSD01	VX045989.D	30 Apr 2025 11:46		JC/MD	Ok,NR
7	IBLK	IBLK	VX045990.D	30 Apr 2025 12:09		JC/MD	Ok
8	Q1914-14	FB04282025	VX045991.D	30 Apr 2025 12:32	FB	JC/MD	Ok
9	Q1904-02	VNJ-210	VX045992.D	30 Apr 2025 12:56		JC/MD	Ok
10	Q1901-09	B-170-SB01	VX045993.D	30 Apr 2025 13:19		JC/MD	Ok
11	Q1901-10	B-167-SB02	VX045994.D	30 Apr 2025 13:42		JC/MD	Ok
12	Q1915-01	WC-04282025	VX045995.D	30 Apr 2025 14:06		JC/MD	Ok
13	Q1901-08	B-167-SB01	VX045996.D	30 Apr 2025 14:29		JC/MD	Ok
14	Q1905-04	MH-G	VX045997.D	30 Apr 2025 14:53		JC/MD	Ok
15	Q1905-08	MH-H	VX045998.D	30 Apr 2025 15:16		JC/MD	Ok
16	Q1906-04	WC-4	VX045999.D	30 Apr 2025 15:40		JC/MD	Ok
17	Q1906-08	WC-5	VX046000.D	30 Apr 2025 16:03		JC/MD	Ok
18	Q1906-12	WC-6	VX046001.D	30 Apr 2025 16:27		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 # VX043025

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1906-16	WC-7	VX046002.D	30 Apr 2025 16:50		JC/MD	Ok
20	Q1907-02	CO-8R-WC	VX046003.D	30 Apr 2025 17:13		JC/MD	Ok,NR
21	Q1912-04	MH-E	VX046004.D	30 Apr 2025 17:37		JC/MD	Ok
22	Q1912-08	MH-F	VX046005.D	30 Apr 2025 18:00		JC/MD	Ok
23	Q1913-01	WC-12-S-202504	VX046006.D	30 Apr 2025 18:24		JC/MD	Ok
24	Q1913-03	WC-13-S-202504	VX046007.D	30 Apr 2025 18:47		JC/MD	Ok
25	Q1913-04	WC-13-A-202504	VX046008.D	30 Apr 2025 19:10	I Changed Sam.ID from Q1901-04 to Q1913-04,Please confirm; Surrogate Fail	JC/MD	ReRun
26	Q1913-02	WC-12-A-202504	VX046009.D	30 Apr 2025 19:34		JC/MD	Ok
27	Q1901-11	B-170-SB02	VX046010.D	30 Apr 2025 19:57		JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046011.D	30 Apr 2025 20:21		JC/MD	Ok,NR

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB167775

SOP ID : M1311-TCLP-15

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 : 04/29/2025 **Time :** 17:20

End Prep Date : 04/30/2025 **Time :** 11:30

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ JN043025,

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : IP

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:

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/30/25 12:30	JP / Lab Room	JC / WC Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB167775

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
PB167775TB	LEB775	18	N/A	500	N/A	N/A	N/A	4.93	N/A	ZHE-2
Q1901-08	B-167-SB01	01	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1901-09	B-170-SB01	02	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1901-10	B-167-SB02	03	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1901-11	B-170-SB02	04	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1904-02	VNJ-210	05	25.04	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1905-04	MH-G	06	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1905-08	MH-H	07	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1906-04	WC-4	08	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1906-08	WC-5	09	25.04	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1906-12	WC-6	10	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1906-16	WC-7	11	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q1907-02	CO-8R-WC	12	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q1912-04	MH-E	13	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q1912-08	MH-F	14	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q1913-01	WC-12-S-202504	15	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q1913-03	WC-13-S-202504	16	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q1915-01	WC-04282025	17	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-2

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB167775

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167775TB	LEB775	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-08	B-167-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1901-09	B-170-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1901-10	B-167-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1901-11	B-170-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1904-02	VNJ-210	N/A	N/A	N/A	N/A	100	N/A
Q1905-04	MH-G	N/A	N/A	N/A	N/A	100	N/A
Q1905-08	MH-H	N/A	N/A	N/A	N/A	100	N/A
Q1906-04	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q1906-08	WC-5	N/A	N/A	N/A	N/A	100	N/A
Q1906-12	WC-6	N/A	N/A	N/A	N/A	100	N/A
Q1906-16	WC-7	N/A	N/A	N/A	N/A	100	N/A
Q1907-02	CO-8R-WC	N/A	N/A	N/A	N/A	100	N/A
Q1912-04	MH-E	N/A	N/A	N/A	N/A	100	N/A
Q1912-08	MH-F	N/A	N/A	N/A	N/A	100	N/A
Q1913-01	WC-12-S-202504	N/A	N/A	N/A	N/A	100	N/A
Q1913-03	WC-13-S-202504	N/A	N/A	N/A	N/A	100	N/A
Q1915-01	WC-04282025	N/A	N/A	N/A	N/A	100	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP ZHE Q1907 **WorkList ID :** 189189 **Department :** TCLP Extraction **Date :** 04-29-2025 07:59:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1913-01	WC-12-S-202504	Solid	TCLP ZHE Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311 ZHE
Q1913-03	WC-13-S-202504	Solid	TCLP ZHE Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311 ZHE
Q1915-01	WC-04282025	Solid	TCLP ZHE Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311 ZHE
Q1901-08	B-167-SB01	Solid	TCLP ZHE Extraction	Cool 4 deg C	CAMP02	L41	04/28/2025	1311 ZHE
Q1901-09	B-170-SB01	Solid	TCLP ZHE Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311 ZHE
Q1901-10	B-167-SB02	Solid	TCLP ZHE Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311 ZHE
Q1901-11	B-170-SB02	Solid	TCLP ZHE Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311 ZHE
Q1904-02	VNJ-210	Solid	TCLP ZHE Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311 ZHE
Q1905-04	MH-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311 ZHE
Q1905-08	MH-H	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L51	04/28/2025	1311 ZHE
Q1906-04	WC-4	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L51	04/28/2025	1311 ZHE
Q1906-08	WC-5	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311 ZHE
Q1906-12	WC-6	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311 ZHE
Q1906-16	WC-7	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311 ZHE
Q1912-04	MH-E	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311 ZHE
Q1912-08	MH-F	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L51	04/29/2025	1311 ZHE
Q1907-02	CO-8R-WC	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L51	04/29/2025	1311 ZHE
					WALS01		04/28/2025	1311 ZHE

Date/Time 04/29/25 17:10
Raw Sample Received by: [signature]
Raw Sample Relinquished by: JDCSM

Date/Time 04/29/25 19:30
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: [signature]

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

Preservation Log

BalanceID: VOA-SC-2

Review By: Amit

Supervise By: MMDadoda

Seq	LabID	Vial A Weight(g)= Total Wt-Tare Wt	Vial A Time	Vial B Weight(g)= Total Wt-Tare Wt	Vial B Time	Vial C Weight(g) Preserve with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q1907-01	39.67-33.16=6.51	11:00	39.40-32.79=6.61	11:01	34.04-27.97=6.07	11:02	V14143	04/29/2025	8260 TERRACORE SAMPLES

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.

QA Contorl # A3041177

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q1907
COC Number 2046743

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1. TCL VOCs (8260D), TCL SVOCs (8270D)
2. TAL Metals (6010D) + Mercury (7471B)
3. Total Cyanide (9010[illegible]), Hex Chrom (7196A)
4. Pest/Herb (8081B/8151A), PCBs (8082A)
5. TCLP VOCs, SVOCs, Metals, Pest, Herb (1311)
6. TPH (8015M), GRO (8015D)
7. NJ EPH Cat 2, NF, RCRA Characteristics (9045[illegible])
8. Paint Filter, TS, TVS
9. Ammonia + Nitrogen ([illegible]), O&G (Oil & Grease) (9071B), COD (410.4)

PRESERVATIVES

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (F+E)	2 (E)	3 (E)	4 (E)	5 (E)	6 (F+E)	7 (E)	8 (E)	9 (E)	COMMENTS
1.	CO-008R-WC	Soil	X	X	4/28/25	1150	25	X	X	X	X	X	X	X	X	X	13x 8oz, 1x 4oz, 2x terracore sets, 1x encore set
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER (methanol)

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	4/28/25 1220	1. Benie DG
2. Benie DG	4/28/25 2:00 PM	2. [signature] 1400 4-28-25
3. [signature]	1610 4-28-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.0 °C

Comments: RCRA Characteristics - Ignitability, Corrosivity, Reactivity (Sulfide + Cyanide)
Full analyte list in J. Peterson email on 4/22/25
Bottle Order # B2504038
Temp 3.0°C Adjustment factor +1 IR Gun #1

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1907 WALS01
Client Name : Walsh Construction Compa
Client Contact : Jesse A. Sylvestri
Invoice Name : Walsh Construction Compa
Invoice Contact : Jesse A. Sylvestri

Order Date : 4/28/2025 4:13:00 PM
Project Name : Walsh CO-032 Sampling
Receive DateTime : 4/28/2025 ~~12:00~~:00 AM 16:10
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1907-01	CO-8R-WC	Solid	04/28/2025	11:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 4-28-25 1645

Received By : JC
Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room