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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3173	**OrderDate:**	9/24/2025 9:26:00 AM
Client:	G Environmental	**Project:**	Pit
Contact:	Gary Landis	**Location:**	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3173-01	**OBS1**	**Water**			**09/23/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/24/25	
Q3173-02	**Field Blank**	**Water**			**09/23/25**			**09/23/25**
			VOCMS Group1	8260-Low			09/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3173

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**OBS1**								
Q3173-01	OBS1	Water	Carbon Disulfide		0.53	J	0.21	1.00	ug/L
Q3173-01	OBS1	Water	Benzene		40.5		0.15	1.00	ug/L
Q3173-01	OBS1	Water	Toluene		1.30		0.14	1.00	ug/L
Q3173-01	OBS1	Water	Tetrachloroethene		0.27	J	0.23	1.00	ug/L
Q3173-01	OBS1	Water	m/p-Xylenes		3.00		0.24	2.00	ug/L
Q3173-01	OBS1	Water	o-Xylene		0.52	J	0.12	1.00	ug/L
			Total Voc :		46.1				
Q3173-01	OBS1	Water	Butane, 2-methyl-	*	94.9	J	0	0	ug/L
Q3173-01	OBS1	Water	Butane, 2,3-dimethyl-	*	47.1	J	0	0	ug/L
Q3173-01	OBS1	Water	Pentane, 3-methyl-	*	54.7	J	0	0	ug/L
Q3173-01	OBS1	Water	Benzene, 1,2,3,4-tetramethyl-	*	10.4	J	0	0	ug/L
Q3173-01	OBS1	Water	Indane	*	19.0	J	0	0	ug/L
Q3173-01	OBS1	Water	Pentane, 2,3-dimethyl-	*	25.3	J	0	0	ug/L
Q3173-01	OBS1	Water	Pentane, 2,3,4-trimethyl-	*	14.1	J	0	0	ug/L
Q3173-01	OBS1	Water	Cyclohexane	*	5.70	J	1.50	5.00	ug/L
Q3173-01	OBS1	Water	Methylcyclohexane	*	3.70	J	0.16	1.00	ug/L
Q3173-01	OBS1	Water	Isopropylbenzene	*	8.10	J	0.12	1.00	ug/L
Q3173-01	OBS1	Water	n-propylbenzene	*	8.00	J	0.13	1.00	ug/L
Q3173-01	OBS1	Water	1,3,5-Trimethylbenzene	*	0.43	J	0.15	1.00	ug/L
Q3173-01	OBS1	Water	sec-Butylbenzene	*	1.60	J	0.13	1.00	ug/L
Q3173-01	OBS1	Water	n-Butylbenzene	*	0.61	J	0.15	1.00	ug/L
Q3173-01	OBS1	Water	Naphthalene	*	2.60	J	0.20	1.00	ug/L
Q3173-01	OBS1	Water	Diisopropyl ether	*	1.20	J	0.15	1.00	ug/L
			Total Tics :		297				
			Total Concentration:		344				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3173

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3173-01	OBS1	1,2-Dichloroethane-d4	50	55.4	111		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	47.5	95		86	113
		4-Bromofluorobenzene	50	51.6	103		77	121
Q3173-02	Field Blank	1,2-Dichloroethane-d4	50	57.9	116		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	43.6	87		86	113
		4-Bromofluorobenzene	50	44.6	89		77	121
VV0924WBL01	VV0924WBL01	1,2-Dichloroethane-d4	50	62.2	124		74	125
		Dibromofluoromethane	50	54.6	109		75	124
		Toluene-d8	50	44.1	88		86	113
		4-Bromofluorobenzene	50	48.0	96		77	121
VV0924WBS02	VV0924WBS02	1,2-Dichloroethane-d4	50	49.0	98		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.5	99		86	113
		4-Bromofluorobenzene	50	52.0	104		77	121
VV0924WBSD0	VV0924WBSD02	1,2-Dichloroethane-d4	50	49.5	99		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	50.7	101		86	113
		4-Bromofluorobenzene	50	55.0	110		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3173 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039150.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0924WBS02	Chloromethane	20	19.1	ug/L	96			65	116	
	Vinyl chloride	20	19.4	ug/L	97			65	117	
	Bromomethane	20	20.9	ug/L	104			58	125	
	Chloroethane	20	21.1	ug/L	106			56	128	
	Tert butyl alcohol	100	110	ug/L	110			48	142	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	19.6	ug/L	98			64	112	
	Methyl tert-butyl Ether	20	20.9	ug/L	104			78	114	
	Methylene Chloride	20	22.7	ug/L	114			72	114	
	trans-1,2-Dichloroethene	20	19.7	ug/L	99			75	108	
	1,1-Dichloroethane	20	19.6	ug/L	98			78	112	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	19.7	ug/L	99			77	113	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			77	110	
	Chloroform	20	19.9	ug/L	100			79	113	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			80	108	
	Benzene	20	20.1	ug/L	101			82	109	
	1,2-Dichloroethane	20	20.7	ug/L	104			80	115	
	Trichloroethene	20	20.3	ug/L	102			77	113	
	1,2-Dichloropropane	20	20.9	ug/L	104			83	111	
	Bromodichloromethane	20	20.6	ug/L	103			83	110	
	4-Methyl-2-Pentanone	100	120	ug/L	120		*	74	118	
	Toluene	20	21.8	ug/L	109			82	110	
	t-1,3-Dichloropropene	20	21.6	ug/L	108			79	110	
	cis-1,3-Dichloropropene	20	21.5	ug/L	108			82	110	
	1,1,2-Trichloroethane	20	21.0	ug/L	105			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.5	ug/L	103			82	110	
	Tetrachloroethene	20	20.2	ug/L	101			67	123	
	Chlorobenzene	20	19.8	ug/L	99			82	109	
	Ethyl Benzene	20	19.9	ug/L	100			83	109	
	m/p-Xylenes	40	43.2	ug/L	108			82	110	
	o-Xylene	20	20.4	ug/L	102			83	109	
	Styrene	20	18.9	ug/L	95			80	111	
	Bromoform	20	21.4	ug/L	107			79	109	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/L	96			76	118	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3173 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VV039165.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0924WBSD02	Chloromethane	20	18.2	ug/L	91	5		65	116	21
	Vinyl chloride	20	18.1	ug/L	91	6		65	117	19
	Bromomethane	20	14.7	ug/L	74	34	*	58	125	20
	Chloroethane	20	20.0	ug/L	100	6		56	128	20
	Tert butyl alcohol	100	110	ug/L	110	0		48	142	30
	1,1-Dichloroethene	20	19.4	ug/L	97	3		74	110	20
	Acetone	100	79.7	ug/L	80	32	*	60	125	20
	Carbon disulfide	20	18.3	ug/L	92	6		64	112	20
	Methyl tert-butyl Ether	20	19.3	ug/L	97	7		78	114	20
	Methylene Chloride	20	20.9	ug/L	104	9		72	114	20
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	6		75	108	16
	1,1-Dichloroethane	20	18.1	ug/L	91	7		78	112	20
	2-Butanone	100	92.0	ug/L	92	18		65	122	26
	Carbon Tetrachloride	20	18.2	ug/L	91	8		77	113	15
	cis-1,2-Dichloroethene	20	18.8	ug/L	94	4		77	110	20
	Chloroform	20	18.4	ug/L	92	8		79	113	20
	1,1,1-Trichloroethane	20	18.4	ug/L	92	8		80	108	20
	Benzene	20	18.8	ug/L	94	7		82	109	15
	1,2-Dichloroethane	20	18.5	ug/L	93	11		80	115	20
	Trichloroethene	20	19.2	ug/L	96	6		77	113	15
	1,2-Dichloropropane	20	19.4	ug/L	97	7		83	111	16
	Bromodichloromethane	20	18.3	ug/L	92	11		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	18		74	118	25
	Toluene	20	20.0	ug/L	100	9		82	110	16
	t-1,3-Dichloropropene	20	18.5	ug/L	93	15		79	110	20
	cis-1,3-Dichloropropene	20	19.2	ug/L	96	12		82	110	16
	1,1,2-Trichloroethane	20	18.5	ug/L	93	12		83	112	20
	2-Hexanone	100	91.4	ug/L	91	19		73	117	25
	Dibromochloromethane	20	18.5	ug/L	93	10		82	110	20
	Tetrachloroethene	20	19.7	ug/L	99	2		67	123	15
	Chlorobenzene	20	19.9	ug/L	100	1		82	109	15
	Ethyl Benzene	20	19.2	ug/L	96	4		83	109	16
	m/p-Xylenes	40	40.4	ug/L	101	7		82	110	15
	o-Xylene	20	19.8	ug/L	99	3		83	109	20
	Styrene	20	17.9	ug/L	90	5		80	111	17
	Bromoform	20	18.8	ug/L	94	13		79	109	20
	1,1,2,2-Tetrachloroethane	20	17.9	ug/L	90	6		76	118	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV0924WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3173

Lab File ID: VV039148.D Lab Sample ID: VV0924WBL01

Date Analyzed: 09/24/2025 Time Analyzed: 13:09

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

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0924WBS02	VV0924WBS02	VV039150.D	09/24/2025
Field Blank	Q3173-02	VV039151.D	09/24/2025
OBS1	Q3173-01	VV039152.D	09/24/2025
VV0924WBSD02	VV0924WBSD02	VV039165.D	09/24/2025

COMMENTS:

Raw Data: **VV039134.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3173

Lab File ID: VV039134.D | BFB Injection Date: 09/22/2025

Instrument ID: MSVOA_V | BFB Injection Time: 10:15

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	19.6
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.5 (7.5) 1
176	95.0 - 101.0% of mass 174	70.4 (96) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC010	VSTDICC010	VV039137.D	09/22/2025	12:26
VSTDICC020	VSTDICC020	VV039138.D	09/22/2025	12:48
VSTDICCC050	VSTDICCC050	VV039139.D	09/22/2025	13:26
VSTDICC100	VSTDICC100	VV039140.D	09/22/2025	13:49
VSTDICC005	VSTDICC005	VV039142.D	09/22/2025	15:37
VSTDICC001	VSTDICC001	VV039143.D	09/22/2025	16:35

Raw Data: **VV039145.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3173
Lab File ID: VV039145.D
BFB Injection Date: 09/24/2025
Instrument ID: MSVOA_V
BFB Injection Time: 09:52
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.4 (1.9) 1
174	50.0 - 100.0% of mass 95	77.1
175	5.0 - 9.0% of mass 174	5.2 (6.7) 1
176	95.0 - 101.0% of mass 174	73.5 (95.3) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039146.D	09/24/2025	10:49
VV0924WBL01	VV0924WBL01	VV039148.D	09/24/2025	13:09
VV0924WBS02	VV0924WBS02	VV039150.D	09/24/2025	14:01
Field Blank	Q3173-02	VV039151.D	09/24/2025	14:46
OBS1	Q3173-01	VV039152.D	09/24/2025	15:08
VV0924WBSD02	VV0924WBSD02	VV039165.D	09/24/2025	19:59

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3173

Lab File ID: VV039146.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_V Time Analyzed: 10:49

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	558154	4.60	907128	5.53	923608	8.78
UPPER LIMIT	1116310	5.1	1814260	6.032	1847220	9.277
LOWER LIMIT	279077	4.1	453564	5.032	461804	8.277
EPA SAMPLE NO.						
OBS1	483819	4.60	891080	5.54	856052	8.78
Field Blank	552493	4.60	1029152	5.53	962323	8.78
VV0924WBL01	463770	4.60	858892	5.53	831675	8.77
VV0924WBS02	492318	4.60	795602	5.53	784865	8.78
VV0924WBSD02	545364	4.60	903558	5.53	885424	8.78

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3173

Lab File ID: VV039146.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_V Time Analyzed: 10:49

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

	IS4 AREA #	RT #				
12 HOUR STD	551620	11.172				
UPPER LIMIT	1103240	11.672				
LOWER LIMIT	275810	10.672				
EPA SAMPLE NO.						
OBS1	408468	11.18				
Field Blank	434712	11.17				
VV0924WBL01	379013	11.18				
VV0924WBS02	468522	11.17				
VV0924WBSD02	510716	11.17				

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: **VV039152.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	Pit	Date Received:	09/23/25
Client Sample ID:	OBS1	SDG No.:	Q3173
Lab Sample ID:	Q3173-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039152.D	1	09/24/25 15:08	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.53	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	40.5		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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	0.68	5.00	ug/L
108-88-3	Toluene	1.30		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.27	J	0.23	1.00	ug/L

Raw Data: **VV039152.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	Pit	Date Received:	09/23/25
Client Sample ID:	OBS1	SDG No.:	Q3173
Lab Sample ID:	Q3173-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039152.D	1	09/24/25 15:08	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	3.00		0.24	2.00	ug/L
95-47-6	o-Xylene	0.52	J	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.4		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	47.5		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	484000	4.6			
540-36-3	1,4-Difluorobenzene	891000	5.535			
3114-55-4	Chlorobenzene-d5	856000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	408000	11.175			
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	94.9	J		1.61	ug/L
000079-29-8	Butane, 2,3-dimethyl-	47.1	J		2.45	ug/L
000096-14-0	Pentane, 3-methyl-	54.7	J		2.71	ug/L
108-20-3	Diisopropyl ether	1.20	J		3.22	ug/L
110-82-7	Cyclohexane	5.70	J		4.58	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	25.3	J		4.67	ug/L
108-87-2	Methylcyclohexane	3.70	J		6.05	ug/L
000565-75-3	Pentane, 2,3,4-trimethyl-	14.1	J		6.57	ug/L
98-82-8	Isopropylbenzene	8.10	J		9.86	ug/L
103-65-1	n-propylbenzene	8.00	J		10.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.43	J		10.5	ug/L
135-98-8	sec-Butylbenzene	1.60	J		11.0	ug/L
000496-11-7	Indane	19.0	J		11.5	ug/L
104-51-8	n-Butylbenzene	0.61	J		11.6	ug/L

Raw Data: **VV039152.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	09/23/25	
Project:	Pit		Date Received:	09/23/25	
Client Sample ID:	OBS1		SDG No.:	Q3173	
Lab Sample ID:	Q3173-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039152.D	1	09/24/25 15:08	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	10.4	J		12.3	ug/L
91-20-3	Naphthalene	2.60	J		13.4	ug/L

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_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Time: Sep 25 04:47:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

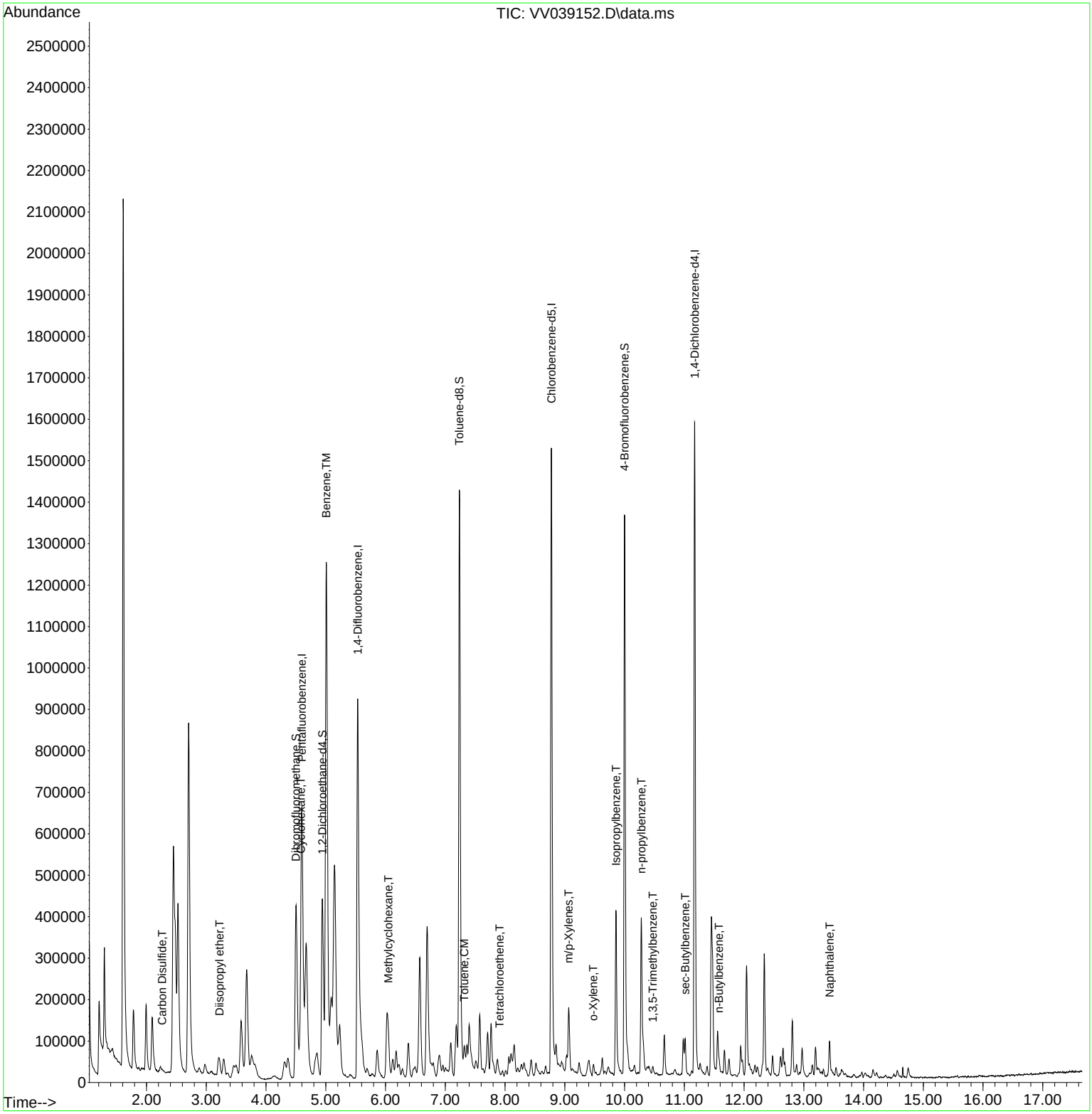
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.600	168	483819	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	5.535	114	891080	50.000	ug/l		0.00
63) Chlorobenzene-d5	8.776	117	856052	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	408468	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.944	65	388143	55.431	ug/l		0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 110.860%				
35) Dibromofluoromethane	4.503	113	349859	48.839	ug/l		0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.680%				
50) Toluene-d8	7.236	98	999940	47.527	ug/l		0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.060%				
62) 4-Bromofluorobenzene	10.001	95	447257	51.638	ug/l		0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 103.280%				
Target Compounds							Qvalue
17) Carbon Disulfide	2.262	76	11847	0.531	ug/l		99
22) Diisopropyl ether	3.224	45	29284	1.175	ug/l	#	32
31) Cyclohexane	4.584	56	71365	5.714	ug/l	#	94
39) Methylcyclohexane	6.047	83	48032	3.672	ug/l	#	71
40) Benzene	5.008	78	1426675	40.452	ug/l		100
52) Toluene	7.320	92	27552	1.347	ug/l		95
64) Tetrachloroethene	7.908	164	1965	0.274	ug/l		90
68) m/p-Xylenes	9.066	106	41405	2.972	ug/l		92
69) o-Xylene	9.477	106	6368	0.516	ug/l		75
73) Isopropylbenzene	9.857	105	239091	8.070	ug/l		99
78) n-propylbenzene	10.281	91	286813	7.950	ug/l		98
80) 1,3,5-Trimethylbenzene	10.474	105	10536	0.428	ug/l		96
85) sec-Butylbenzene	11.014	105	52963	1.626	ug/l		96
89) n-Butylbenzene	11.580	91	15680	0.606	ug/l	#	81
95) Naphthalene	13.432	128	70065	2.602	ug/l		97

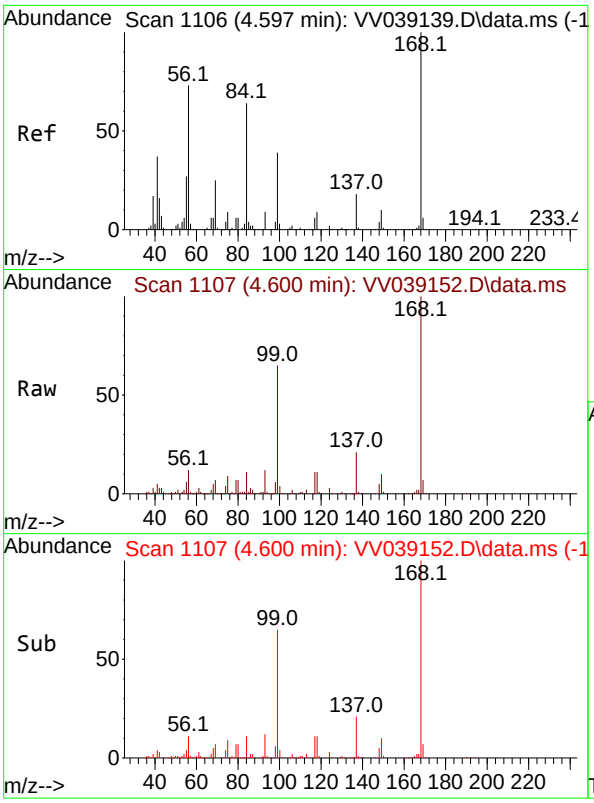
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Time: Sep 25 04:47:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



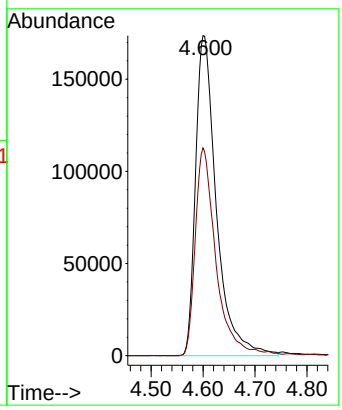


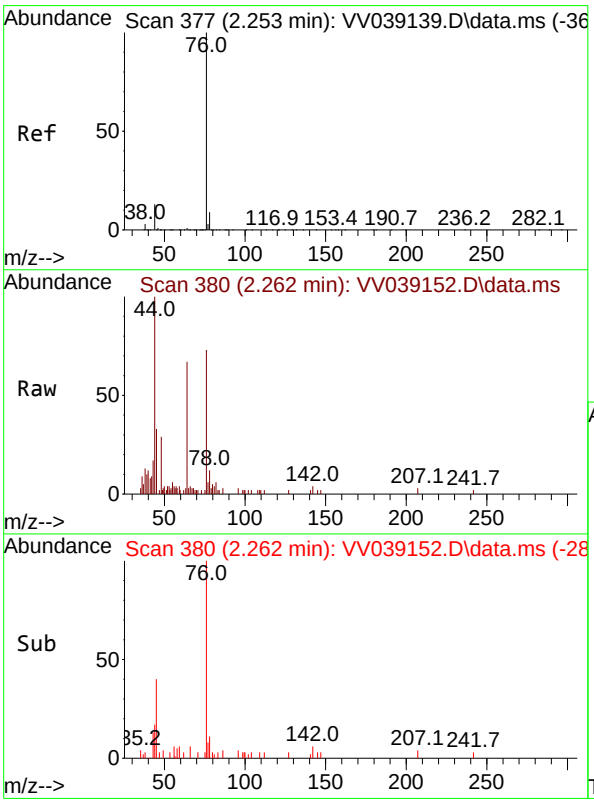
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:168 Resp: 483819

Ion	Ratio	Lower	Upper
168	100		
99	64.9	49.6	74.4

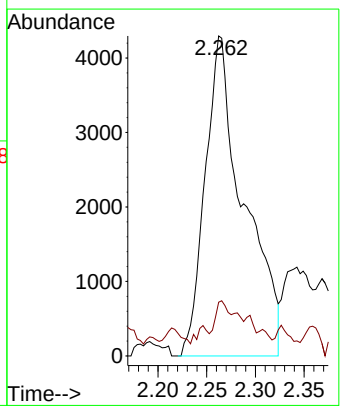


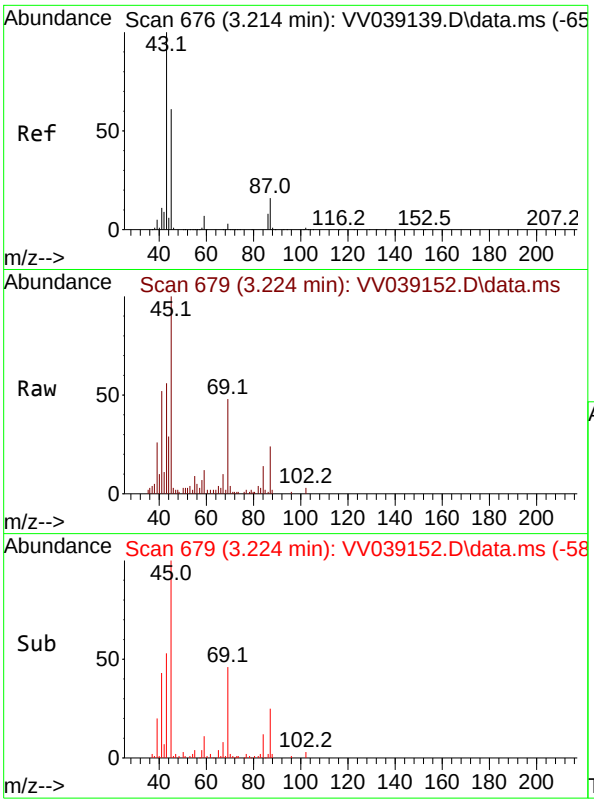


#17
Carbon Disulfide
Concen: 0.531 ug/l
RT: 2.262 min Scan# 380
Delta R.T. 0.010 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion: 76 Resp: 11847

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0



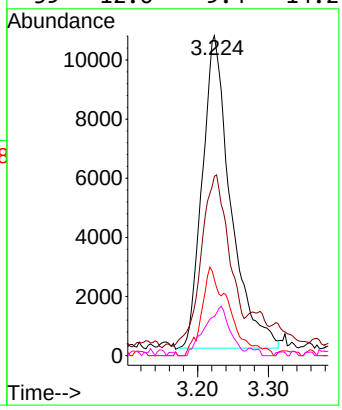


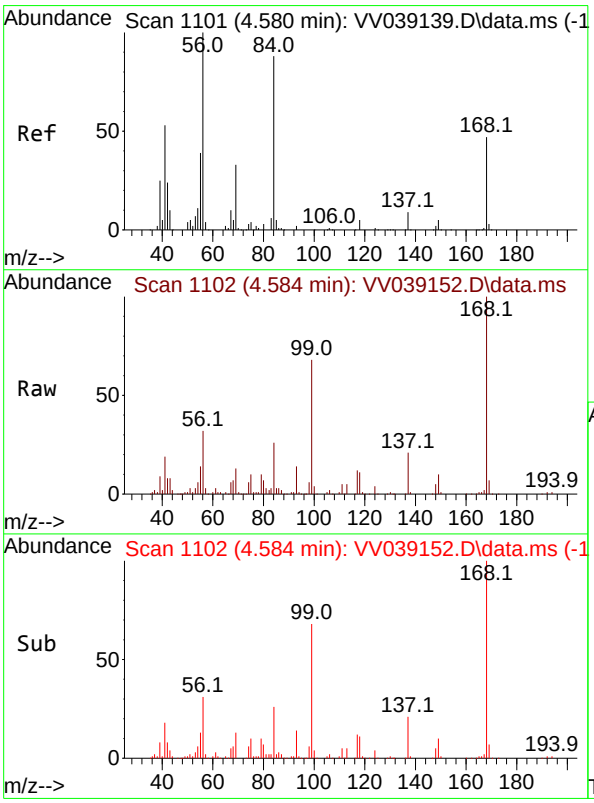
#22
Diisopropyl ether
Concen: 1.175 ug/l
RT: 3.224 min Scan# 6
Delta R.T. 0.010 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion: 45 Resp: 29284

Ion	Ratio	Lower	Upper
45	100		
43	52.7	130.9	196.3#
87	24.4	21.1	31.7
59	12.6	9.4	14.2

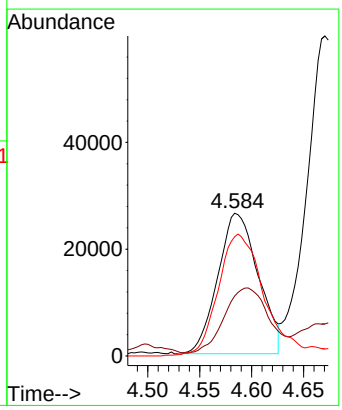


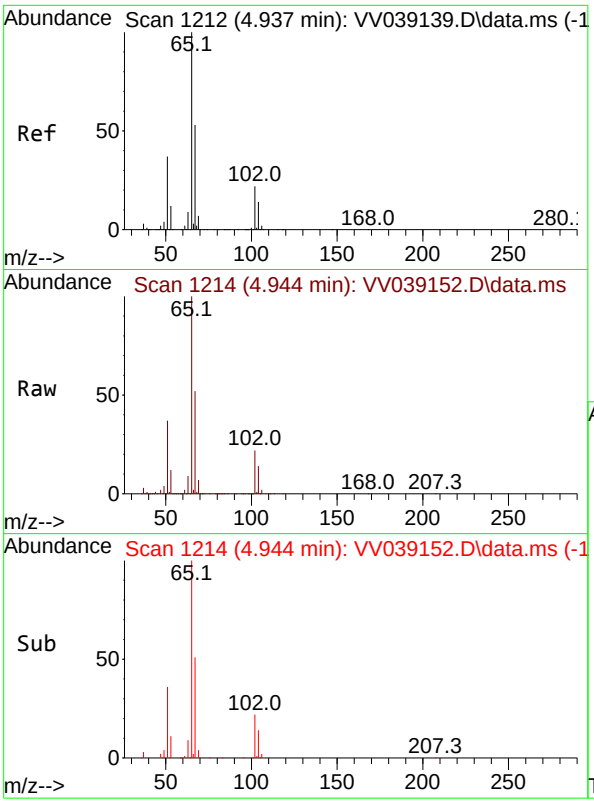


#31
Cyclohexane
Concen: 5.714 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion: 56 Resp: 71365

Ion	Ratio	Lower	Upper
56	100		
69	39.7	26.2	39.2#
84	84.1	70.3	105.5



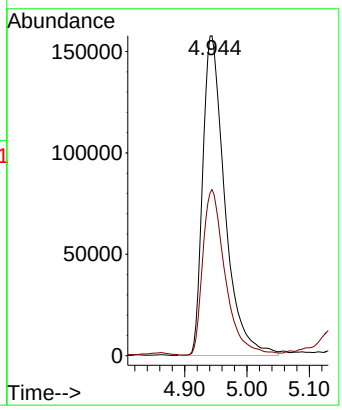


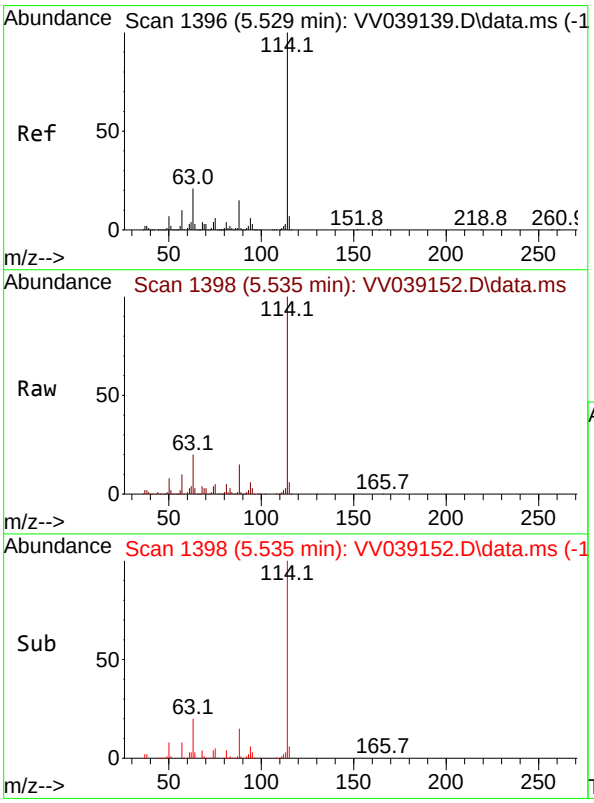
#33
1,2-Dichloroethane-d4
Concen: 55.431 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion: 65 Resp: 388143

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0

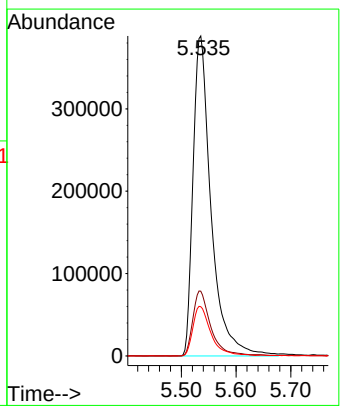


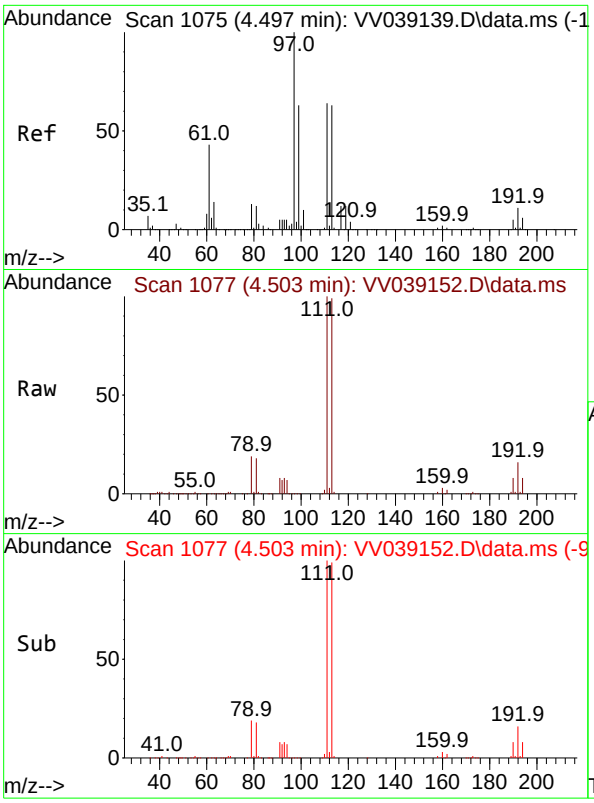


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion:114 Resp: 891080

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.4	0.0	30.8



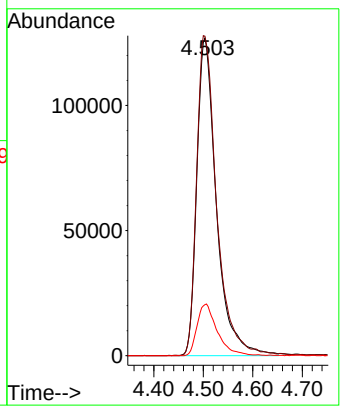


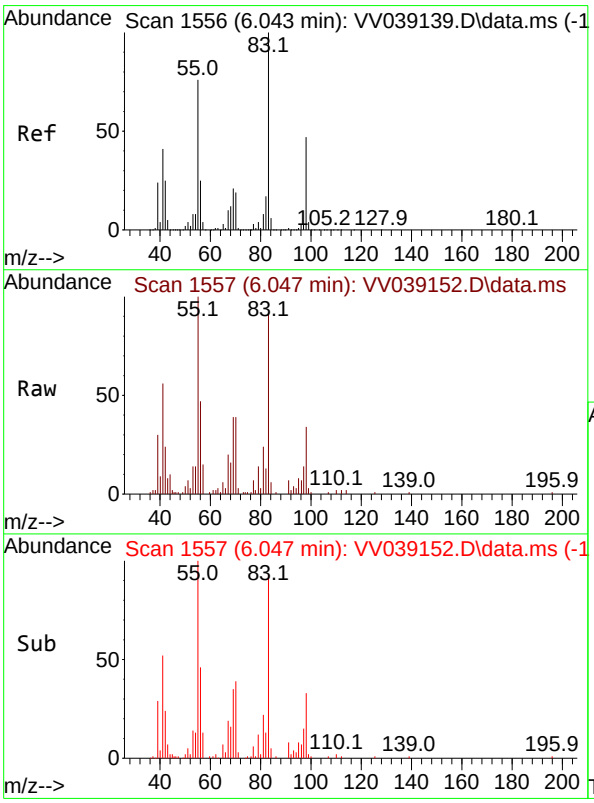
#35
Dibromofluoromethane
Concen: 48.839 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:113 Resp: 349859

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	16.7	13.8	20.8

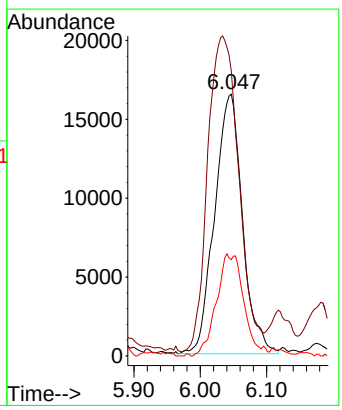


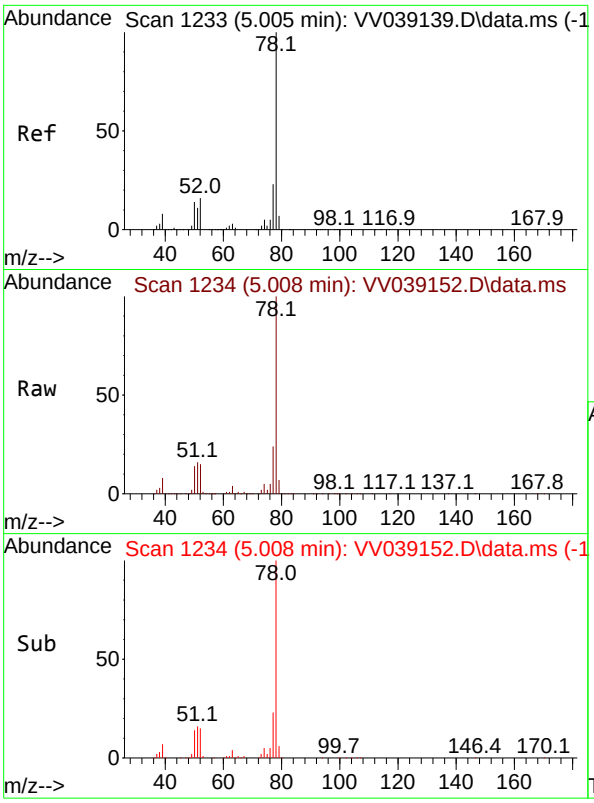


#39
Methylcyclohexane
Concen: 3.672 ug/l
RT: 6.047 min Scan# 1557
Delta R.T. 0.004 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion: 83 Resp: 48032

Ion	Ratio	Lower	Upper
83	100		
55	107.5	60.5	90.7#
98	37.1	37.8	56.6#



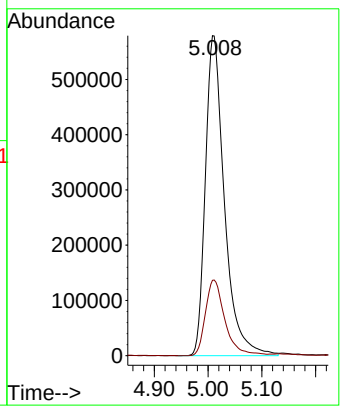


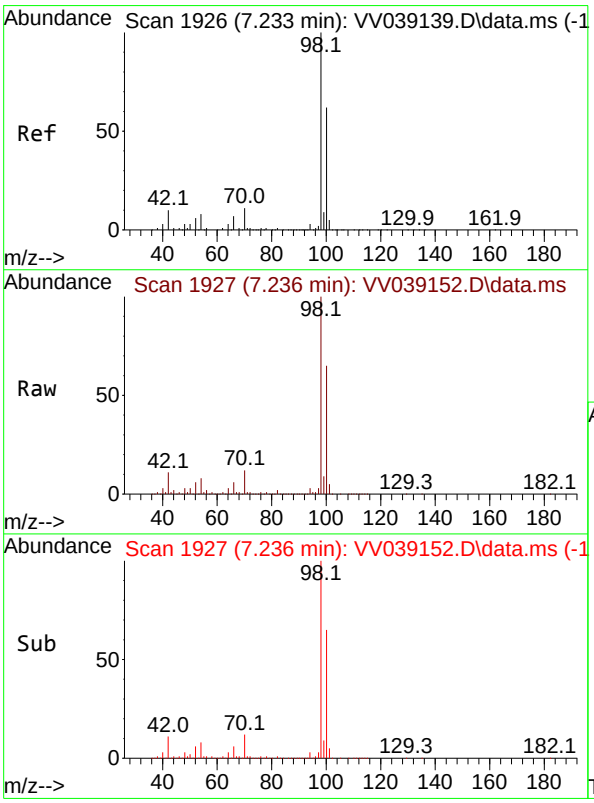
#40
Benzene
Concen: 40.452 ug/l
RT: 5.008 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion: 78 Resp: 1426675

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1

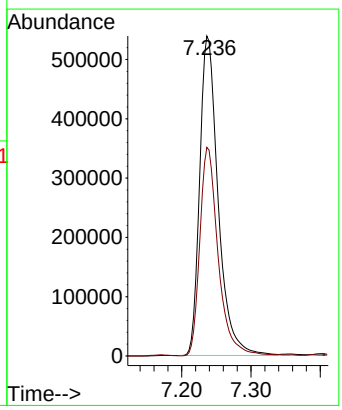


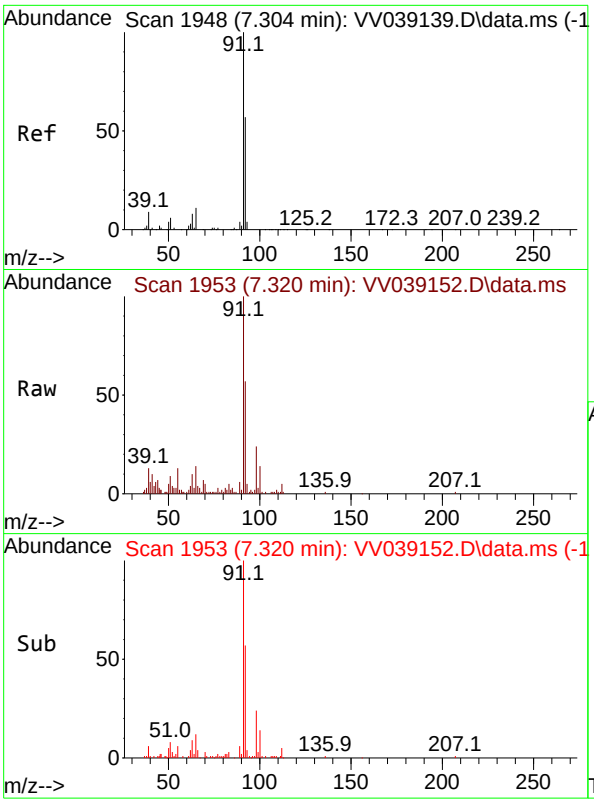


#50
Toluene-d8
Concen: 47.527 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion: 98 Resp: 999940

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2



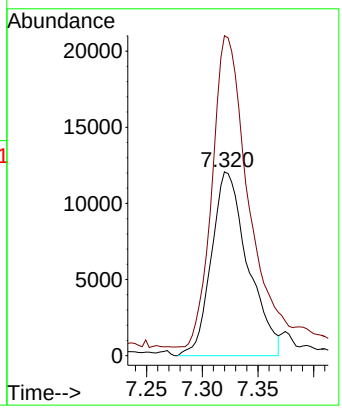


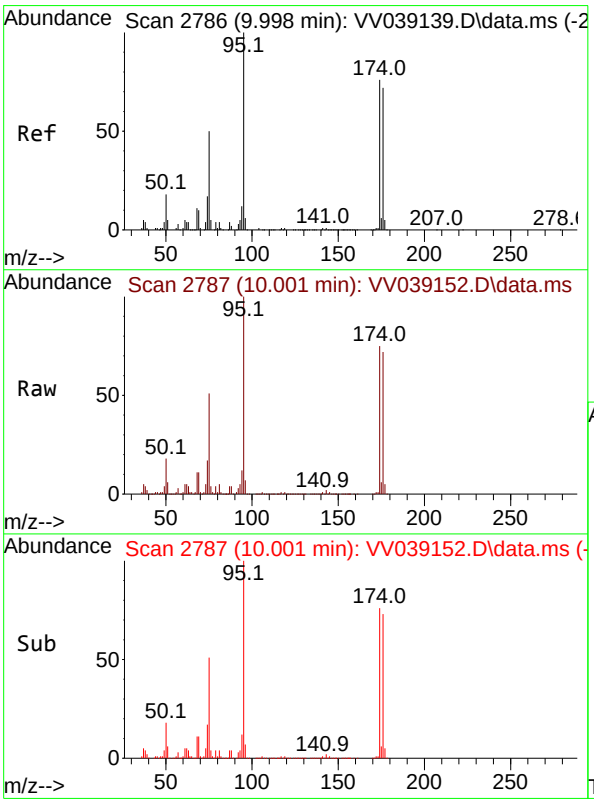
#52
Toluene
Concen: 1.347 ug/l
RT: 7.320 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion: 92 Resp: 27552

Ion	Ratio	Lower	Upper
92	100		
91	167.6	139.2	208.8

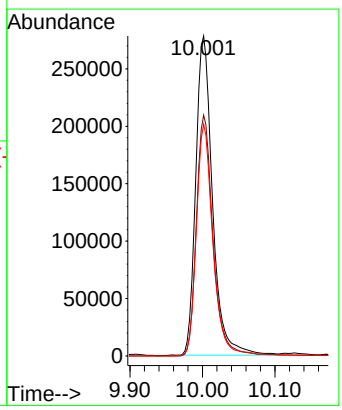


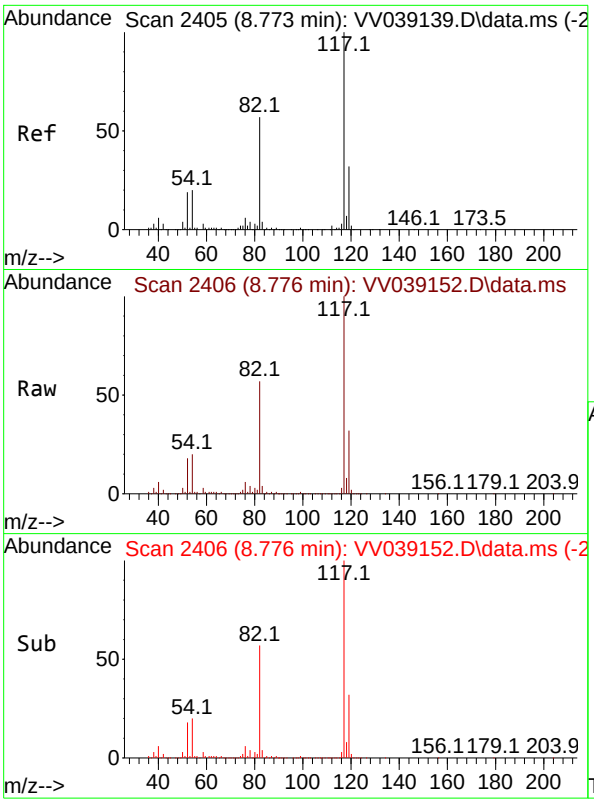


#62
4-Bromofluorobenzene
Concen: 51.638 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion: 95 Resp: 447257

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	71.7	0.0	144.2



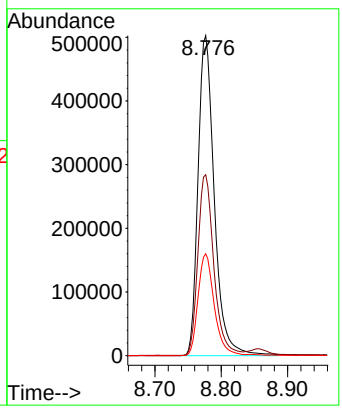


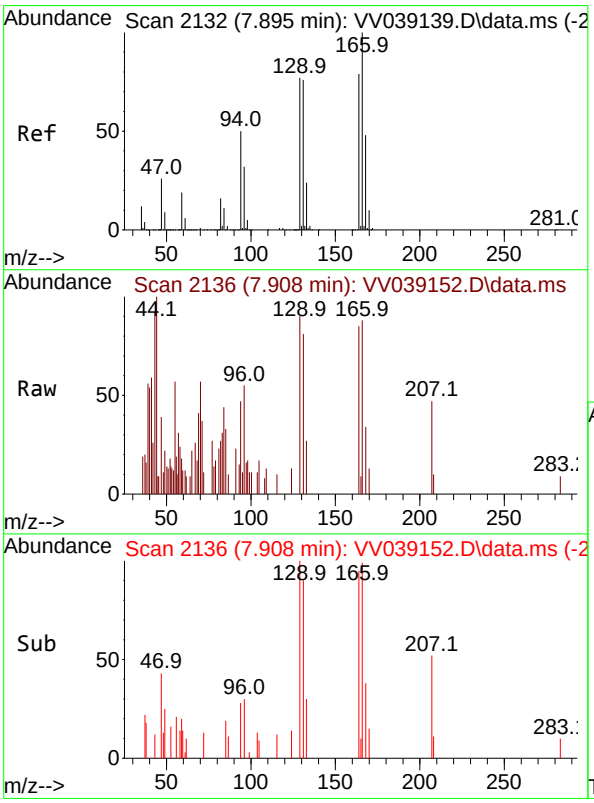
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:117 Resp: 856052

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.2
119	31.9	25.6	38.4

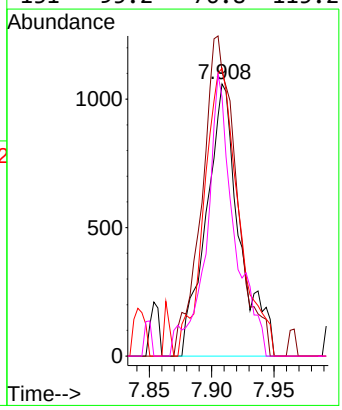


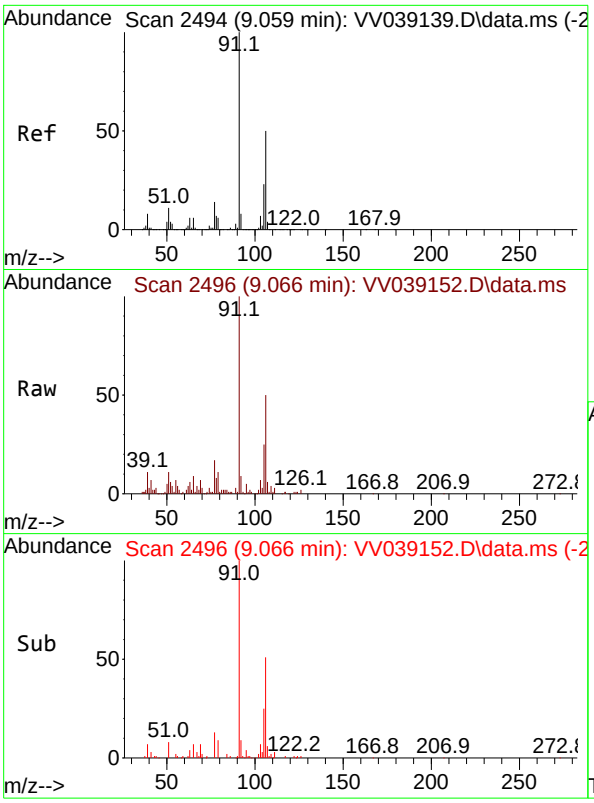


#64
Tetrachloroethene
Concen: 0.274 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion:164 Resp: 1965

Ion	Ratio	Lower	Upper
164	100		
166	104.3	101.6	152.4
129	105.8	78.5	117.7
131	95.2	76.8	115.2



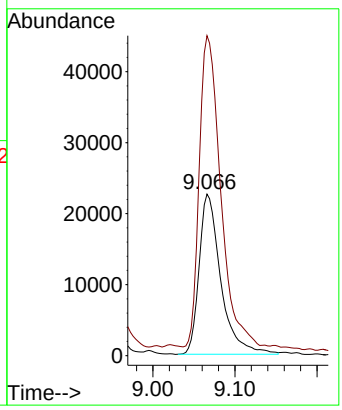


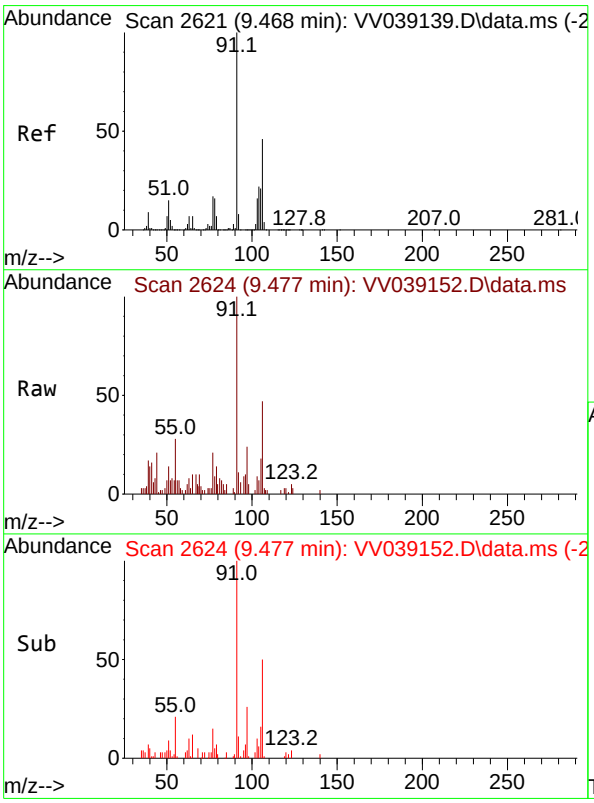
#68
m/p-Xylenes
Concen: 2.972 ug/l
RT: 9.066 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:106 Resp: 41405

Ion	Ratio	Lower	Upper
106	100		
91	191.5	162.5	243.7

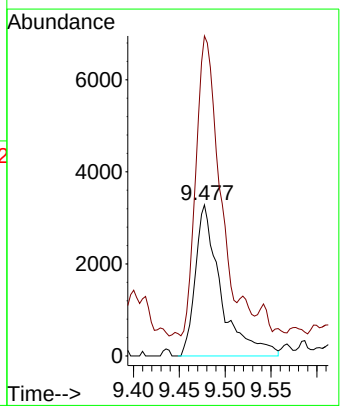


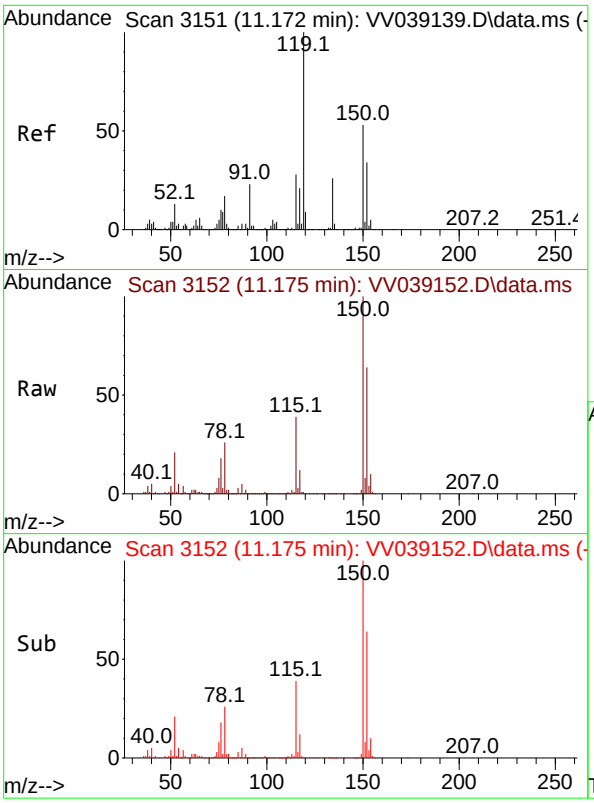


#69
o-Xylene
Concen: 0.516 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion:106 Resp: 6368

Ion	Ratio	Lower	Upper
106	100		
91	178.3	109.1	327.3



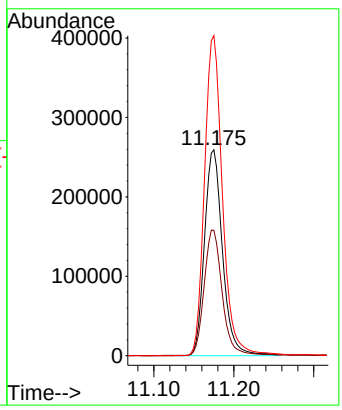


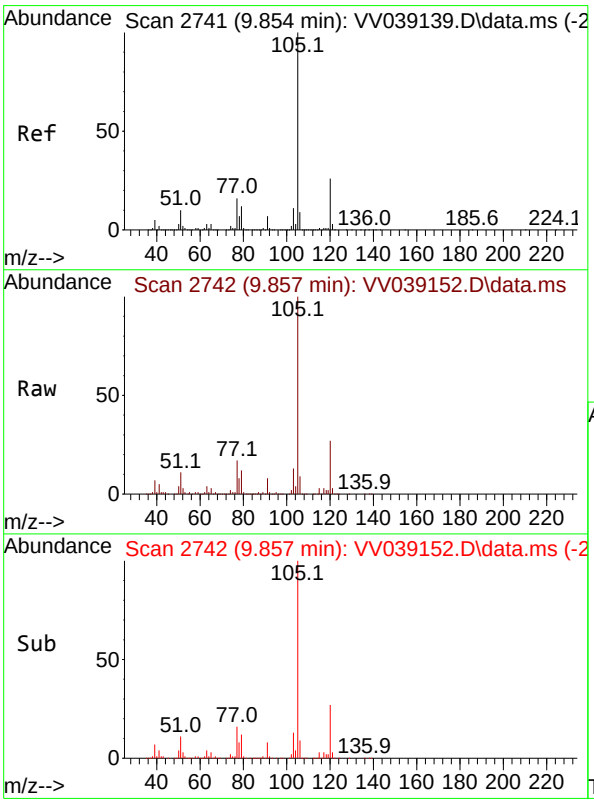
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:152 Resp: 408468

Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.8	134.4
150	154.3	0.0	353.8

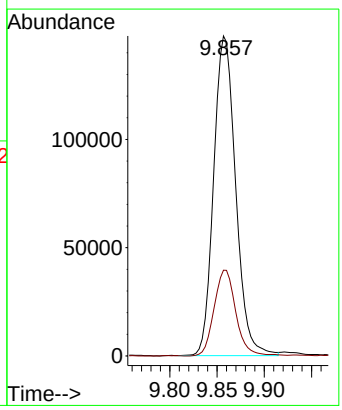


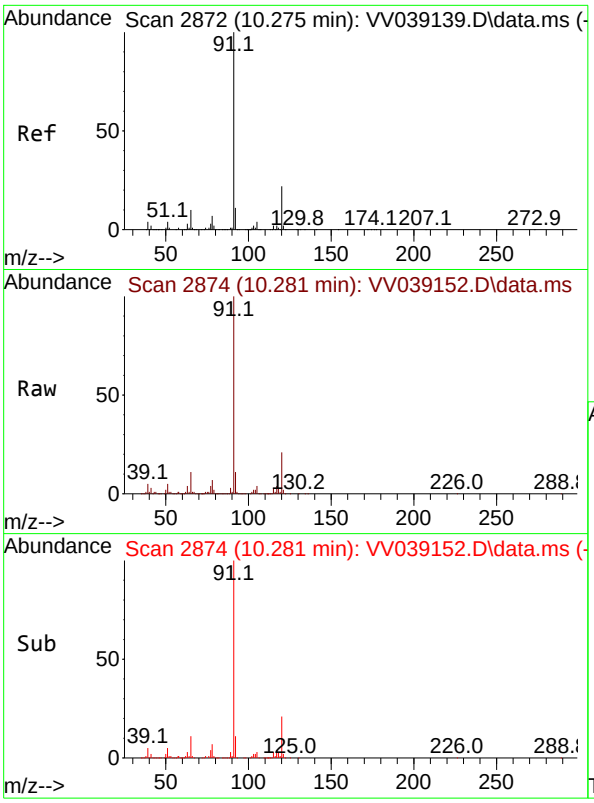


#73
Isopropylbenzene
Concen: 8.070 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion:105 Resp: 239091

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.1	39.1



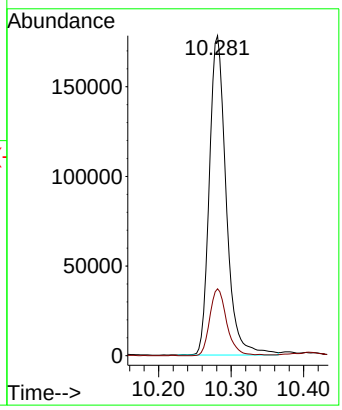


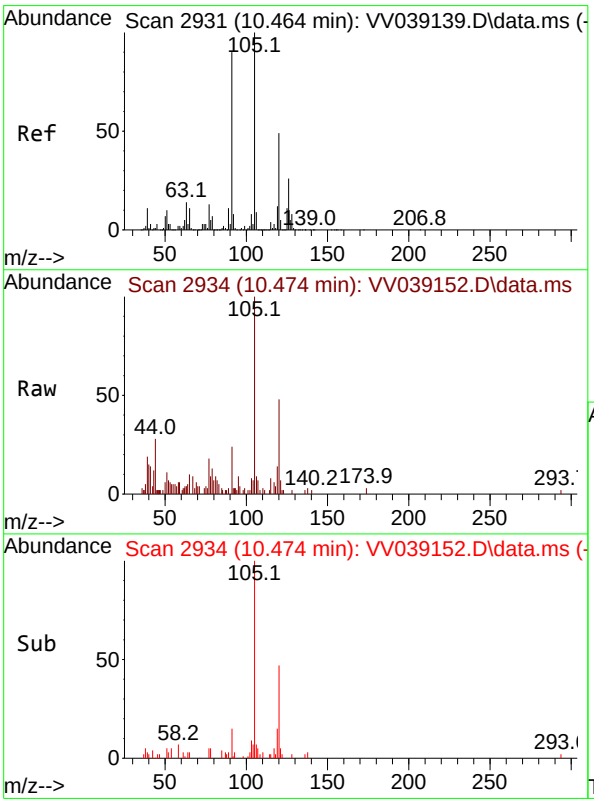
#78
n-propylbenzene
Concen: 7.950 ug/l
RT: 10.281 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion: 91 Resp: 286813

Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.1	33.3

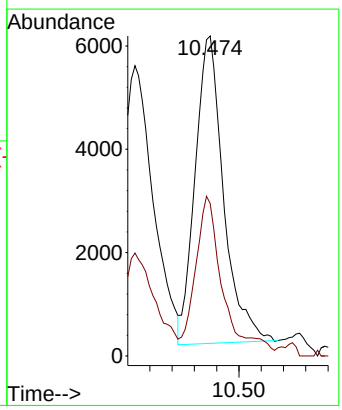


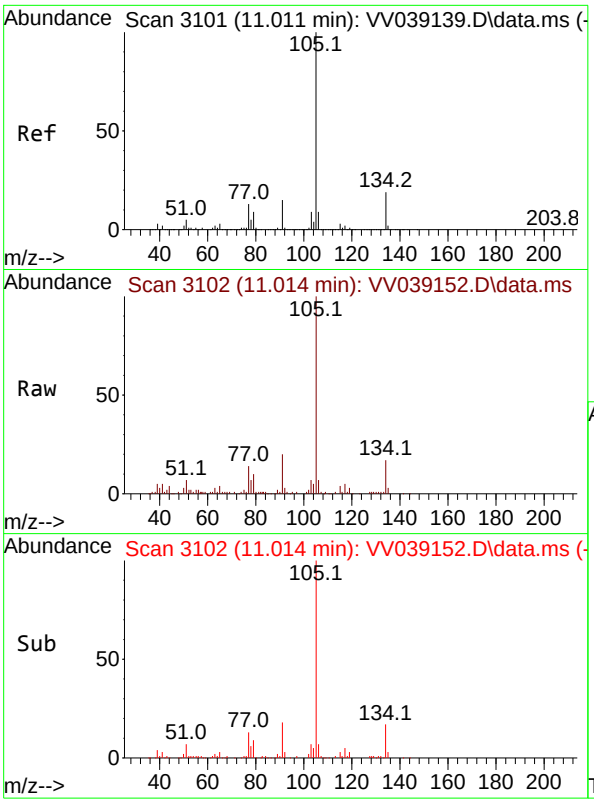


#80
1,3,5-Trimethylbenzene
Concen: 0.428 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion:105 Resp: 10536

Ion	Ratio	Lower	Upper
105	100		
120	45.7	24.3	72.8



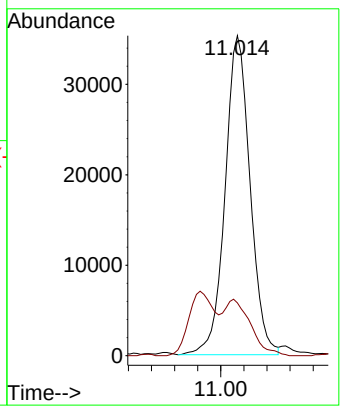


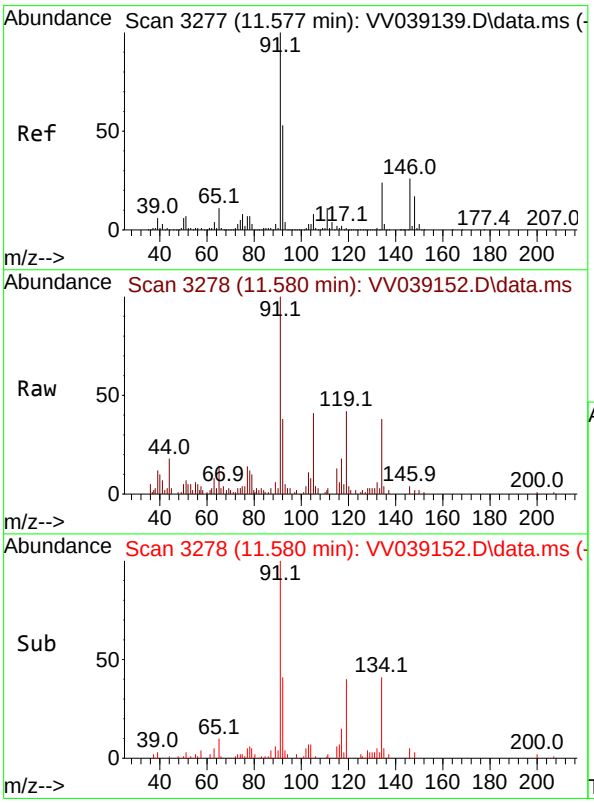
#85
sec-Butylbenzene
Concen: 1.626 ug/l
RT: 11.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:105 Resp: 52963

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.6	28.8

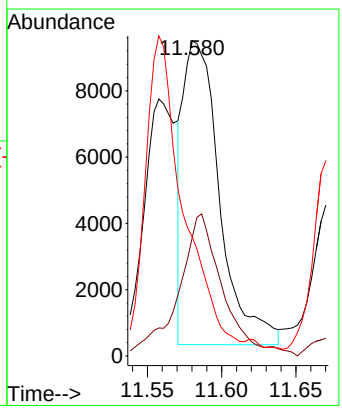


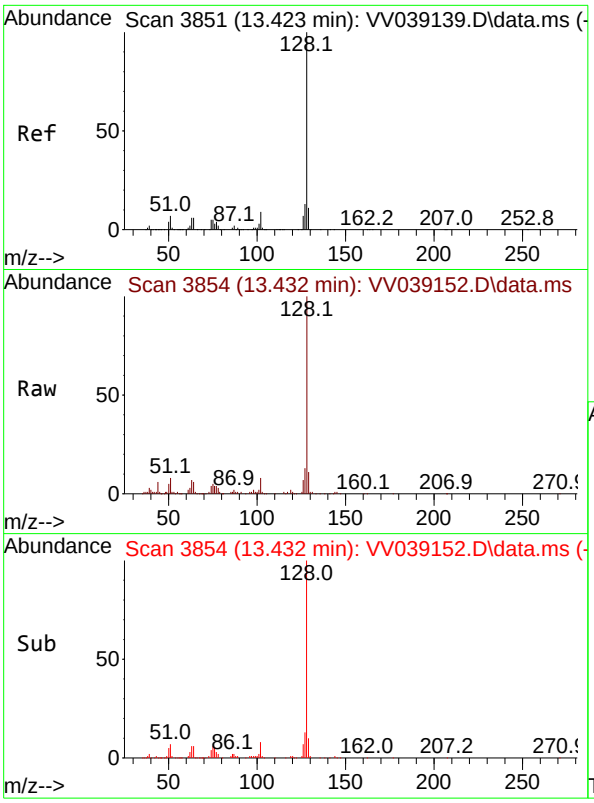


#89
n-Butylbenzene
Concen: 0.606 ug/l
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Tgt Ion: 91 Resp: 15680

Ion	Ratio	Lower	Upper
91	100		
92	56.6	26.6	79.8
134	0.0	12.1	36.3#



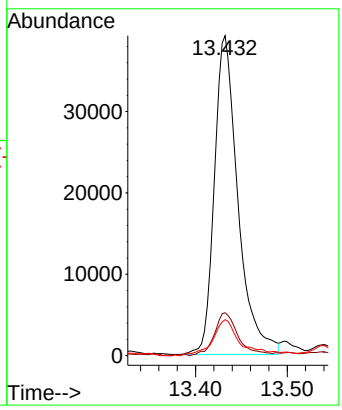


#95
Naphthalene
Concen: 2.602 ug/l
RT: 13.432 min Scan# 3
Delta R.T. 0.009 min
Lab File: VV039152.D
Acq: 24 Sep 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Tgt Ion:128 Resp: 70065

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	12.5	8.6	13.0



Sample Results: **VV039152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.208	44	52	70	rBV	176531	444117	12.88%	1.039%
2	1.294	73	79	90	rVV	241437	321164	9.31%	0.751%
3	1.610	167	177	212	rVB	2091594	3449344	100.00%	8.068%
4	1.783	222	231	249	rVB4	140315	264370	7.66%	0.618%
5	1.992	287	296	315	rVV	157300	275217	7.98%	0.644%
6	2.095	319	328	358	rVB2	131455	294223	8.53%	0.688%
7	2.452	423	439	455	rBV2	545138	1712872	49.66%	4.006%
8	2.526	456	462	495	rVB2	405280	897917	26.03%	2.100%
9	2.706	504	518	559	rVB2	842933	1988701	57.65%	4.651%
10	2.976	595	602	617	rVB3	20482	44611	1.29%	0.104%
11	3.208	664	674	690	rBV8	41499	115481	3.35%	0.270%
12	3.294	690	701	713	rVB4	37285	86522	2.51%	0.202%
13	3.458	735	752	758	rBV5	29101	73894	2.14%	0.173%
14	3.584	778	791	805	rBV2	125270	321974	9.33%	0.753%
15	3.677	807	820	836	rVV2	233213	592331	17.17%	1.385%
16	4.310	999	1017	1026	rBV7	41495	126947	3.68%	0.297%
17	4.368	1028	1035	1053	rVB3	47264	123312	3.57%	0.288%
18	4.503	1063	1077	1092	rBV2	415060	1086035	31.49%	2.540%
19	4.600	1093	1107	1120	rVV	650557	1817766	52.70%	4.252%
20	4.670	1122	1129	1160	rVB2	316359	919586	26.66%	2.151%
21	4.944	1203	1214	1224	rBV	424214	956393	27.73%	2.237%
22	5.008	1224	1234	1251	rVB	1140840	2575010	74.65%	6.023%
23	5.146	1267	1277	1294	rVB2	432266	1156649	33.53%	2.705%
24	5.535	1384	1398	1439	rBV	914849	2392776	69.37%	5.596%
25	5.860	1486	1499	1521	rBV5	63469	162511	4.71%	0.380%
26	6.027	1534	1551	1571	rBV8	157023	491935	14.26%	1.151%
27	6.121	1571	1580	1589	rBV4	32477	63750	1.85%	0.149%
28	6.178	1589	1598	1606	rBV3	45376	80752	2.34%	0.189%
29	6.285	1623	1631	1645	rVB6	20053	41985	1.22%	0.098%
30	6.384	1646	1662	1677	rVB4	81193	183927	5.33%	0.430%
31	6.574	1706	1721	1743	rVB2	283819	676739	19.62%	1.583%
32	6.696	1744	1759	1780	rBV3	359325	932499	27.03%	2.181%
33	6.902	1806	1823	1834	rBV8	50784	152717	4.43%	0.357%
34	7.092	1873	1882	1897	rVB6	79318	169414	4.91%	0.396%
35	7.185	1897	1911	1918	rBV5	121974	283088	8.21%	0.662%
36	7.236	1918	1927	1946	rVV	1408927	2656701	77.02%	6.214%

Sample Results: **VV039152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

37	7.317	1949	1952	1960	rVV	65681	111046	3.22%	0.260%
38	7.362	1962	1966	1971	rVV4	66605	101048	2.93%	0.236%
39	7.400	1972	1978	2005	rVV2	113781	307817	8.92%	0.720%
40	7.510	2007	2012	2023	rVV6	23233	48760	1.41%	0.114%
41	7.577	2023	2033	2045	rVB2	132843	241548	7.00%	0.565%
42	7.709	2059	2074	2083	rBV4	95590	191403	5.55%	0.448%
43	7.767	2083	2092	2115	rVB2	120438	258225	7.49%	0.604%
44	7.873	2115	2125	2141	rVB5	37584	85623	2.48%	0.200%
45	8.066	2176	2185	2189	rBV2	42135	65122	1.89%	0.152%
46	8.153	2205	2212	2225	rVB7	64464	125684	3.64%	0.294%
47	8.439	2289	2301	2314	rBV6	38258	77929	2.26%	0.182%
48	8.516	2316	2325	2348	rBV7	29216	78334	2.27%	0.183%
49	8.776	2396	2406	2424	rBV	1508438	2571407	74.55%	6.014%
50	9.030	2477	2485	2488	rBV7	34627	49494	1.43%	0.116%
51	9.066	2489	2496	2510	rVB	151476	266806	7.73%	0.624%
52	9.239	2542	2550	2568	rVB8	31390	70657	2.05%	0.165%
53	9.403	2583	2601	2617	rVB10	37849	112598	3.26%	0.263%
54	9.481	2617	2625	2635	rBV3	27363	51397	1.49%	0.120%
55	9.628	2658	2671	2679	rBV4	37754	63846	1.85%	0.149%
56	9.728	2692	2702	2710	rBV4	17449	37471	1.09%	0.088%
57	9.857	2731	2742	2763	rBV	397946	681674	19.76%	1.594%
58	10.001	2777	2787	2812	rBV	1347099	2217171	64.28%	5.186%
59	10.281	2864	2874	2897	rBV	374950	719355	20.85%	1.682%
60	10.667	2983	2994	3006	rBV	94864	162860	4.72%	0.381%
61	10.982	3084	3092	3097	rBV	84400	126588	3.67%	0.296%
62	11.014	3098	3102	3115	rVB3	85066	117362	3.40%	0.274%
63	11.172	3141	3151	3170	rBV	1570559	2463506	71.42%	5.762%
64	11.384	3209	3217	3228	rVB	22069	37555	1.09%	0.088%
65	11.455	3228	3239	3258	rBV3	383576	935235	27.11%	2.187%
66	11.558	3263	3271	3292	rVB3	99714	194408	5.64%	0.455%
67	11.670	3299	3306	3317	rVB4	56954	87058	2.52%	0.204%
68	11.747	3322	3330	3341	rVB	37668	62796	1.82%	0.147%
69	11.944	3374	3391	3397	rBV2	72922	131146	3.80%	0.307%
70	12.043	3410	3422	3434	rBV	263713	471596	13.67%	1.103%
71	12.223	3473	3478	3490	rVB3	22328	39583	1.15%	0.093%
72	12.339	3494	3514	3526	rBV	295802	512835	14.87%	1.199%
73	12.477	3548	3557	3567	rBV4	46217	71742	2.08%	0.168%
74	12.612	3588	3599	3605	rBV4	44681	82779	2.40%	0.194%
75	12.651	3605	3611	3618	rVV	45663	64938	1.88%	0.152%
76	12.808	3650	3660	3674	rBV2	128725	210921	6.11%	0.493%

Sample Results: **VV039152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

77	12.972	3702	3711	3736	rVB3	68844	143707	4.17%	0.336%
78	13.143	3758	3764	3772	rVB5	23396	34597	1.00%	0.081%
79	13.197	3772	3781	3789	rBV	66074	103825	3.01%	0.243%
80	13.432	3841	3854	3863	rBV	83149	145154	4.21%	0.339%
81	14.159	4070	4080	4092	rBV3	18651	38678	1.12%	0.090%
82	14.747	4253	4263	4276	rBV3	24069	49153	1.42%	0.115%

Sum of corrected areas: 42755667

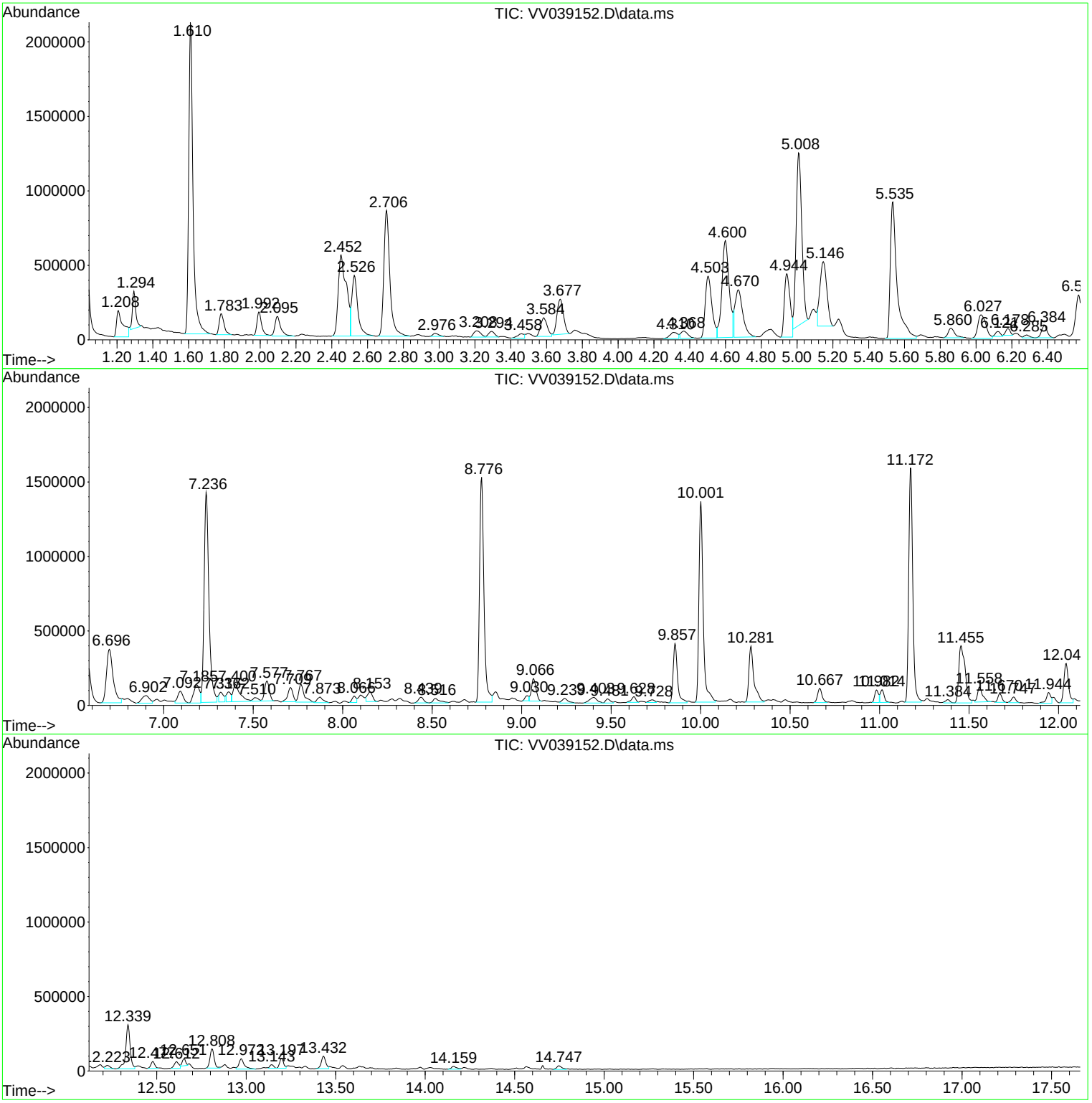
Sample Results: **VV039152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

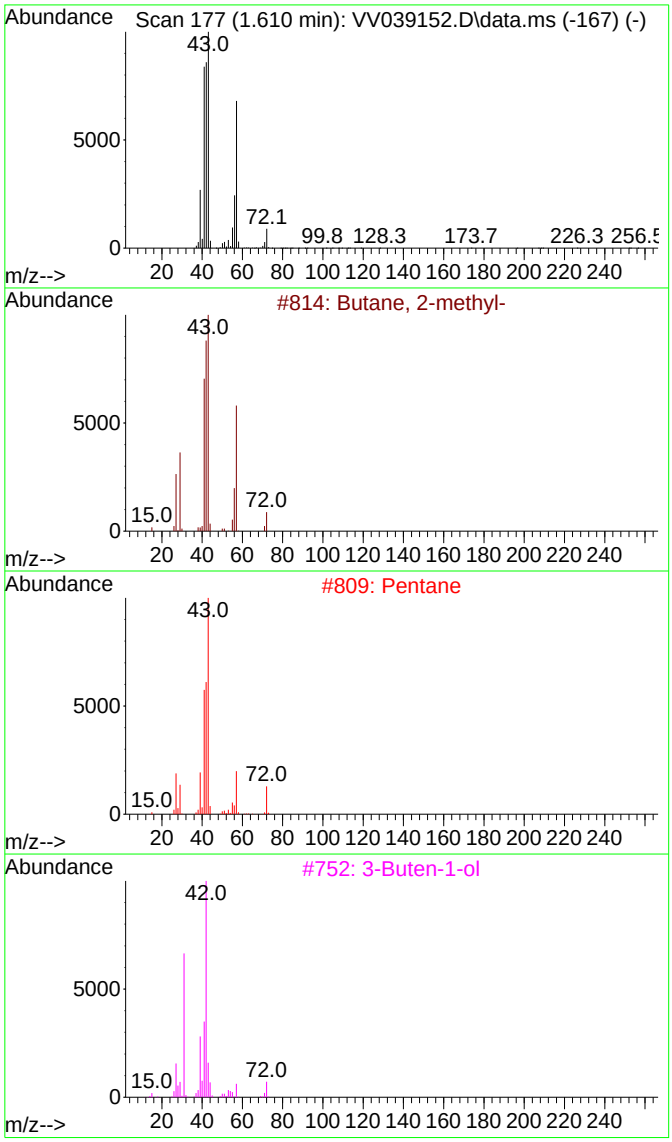
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

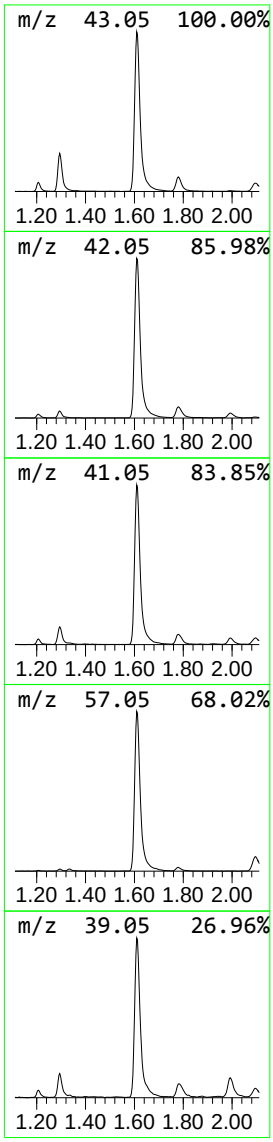
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.610	94.88 ug/l	3449340	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Pentane	72	C5H12	000109-66-0	45
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	14
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On    : 24 Sep 2025  15:08
Operator  : SY/MD
Sample    : Q3173-01
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 9   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

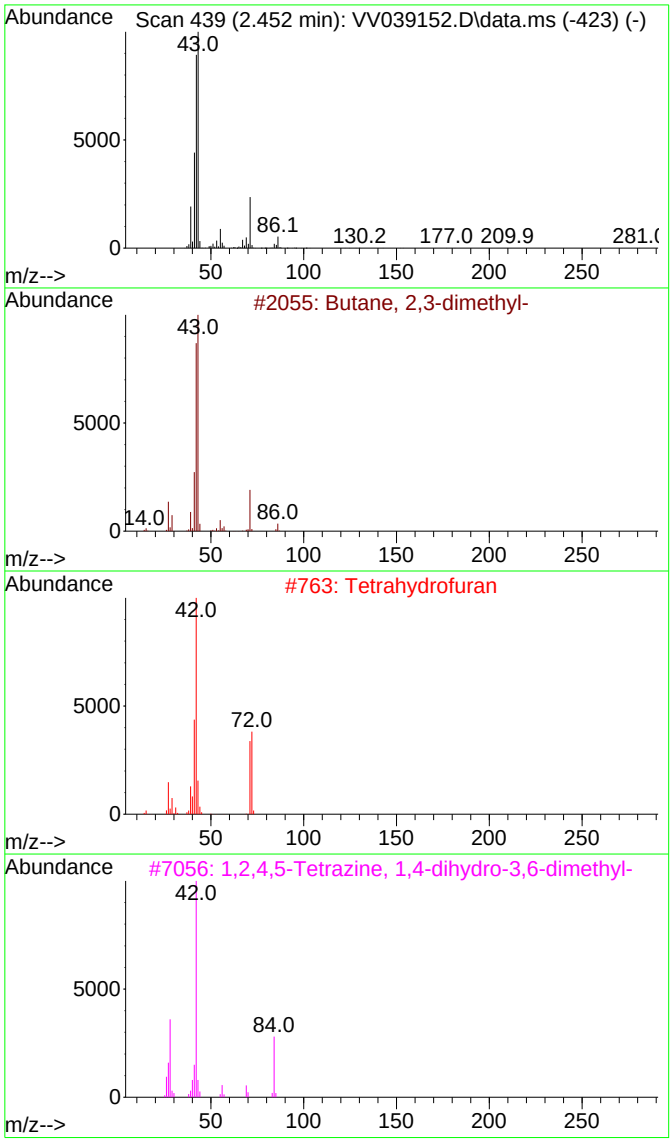
Instrument :
MSVOA_V
ClientSampleId :
OBS1

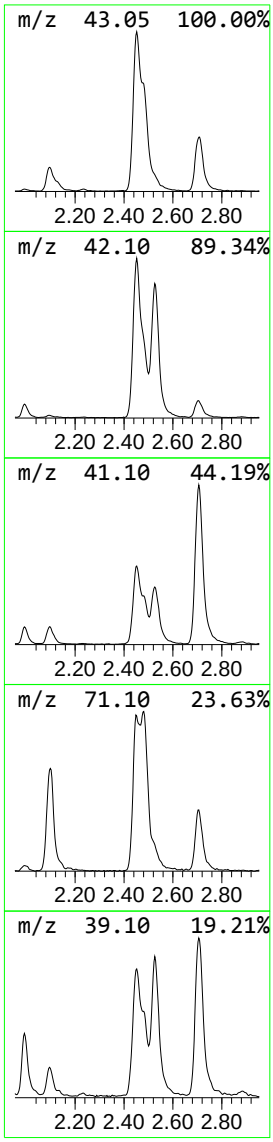
****

Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.452	47.11 ug/l	1712870	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Tetrahydrofuran	72	C4H8O	000109-99-9	36
3	1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	33
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	25
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

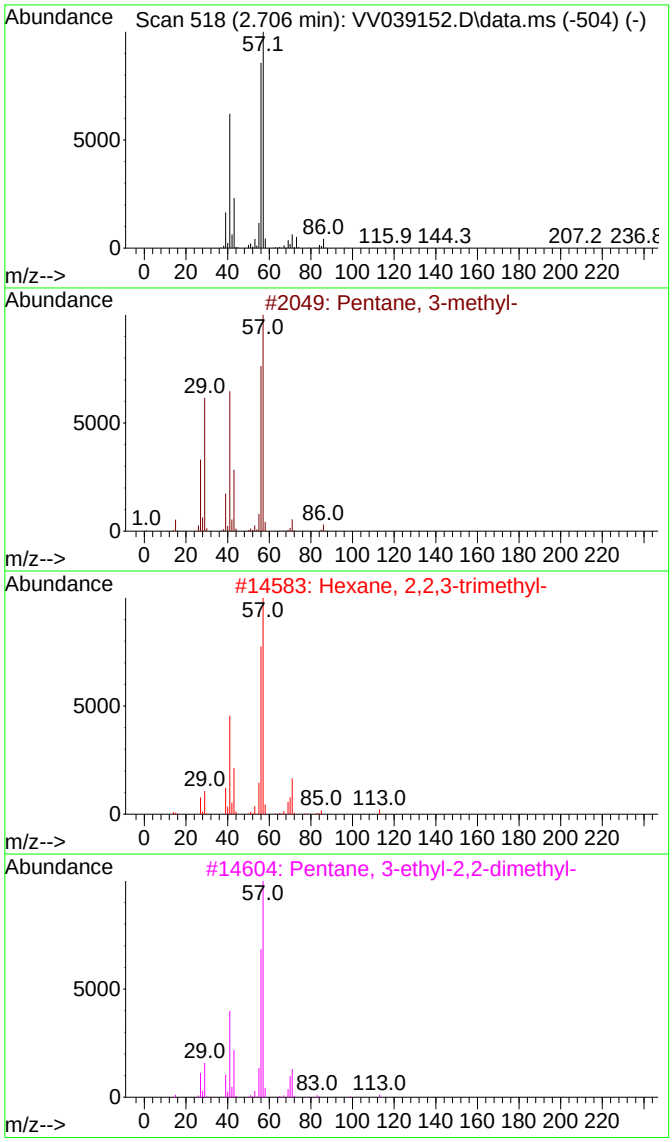
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

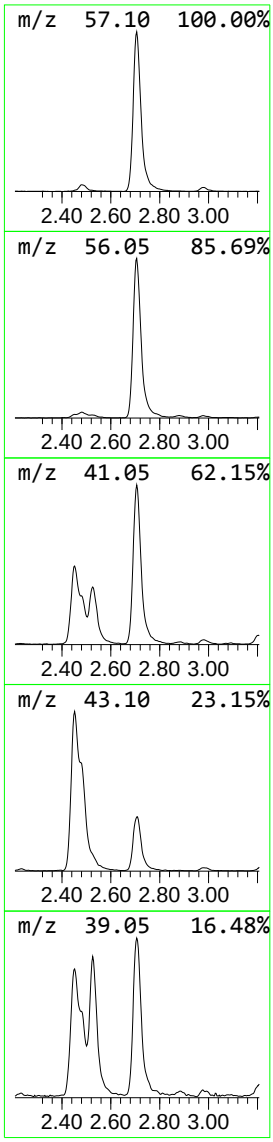
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.706	54.70 ug/l	1988700	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

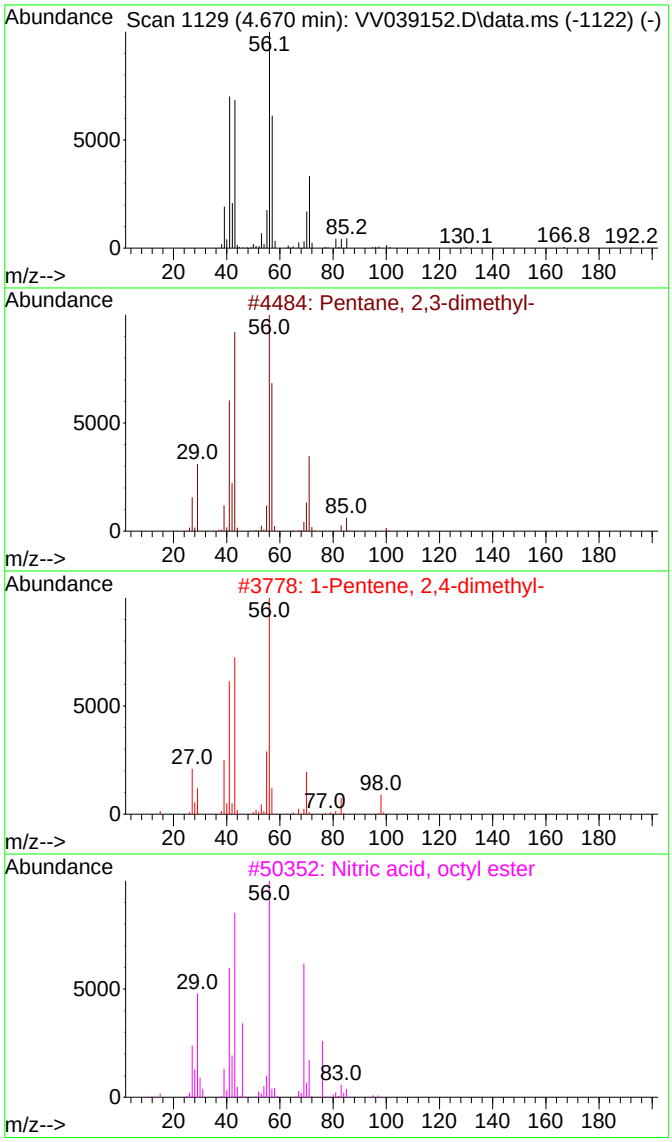
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

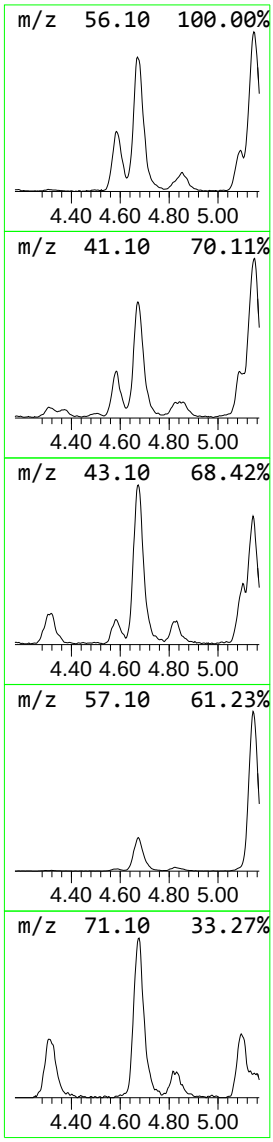
****

Peak Number 9 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.670	25.29 ug/l	919586	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53
3	Nitric acid, octyl ester	175	C8H17NO3	000629-39-0	50
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

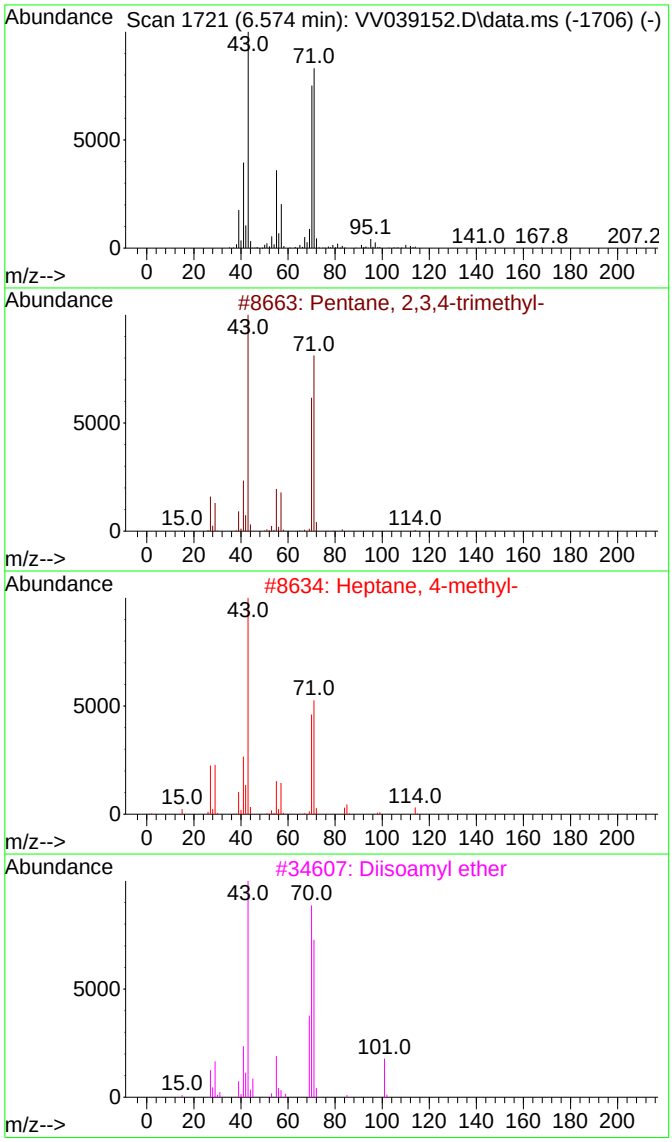
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

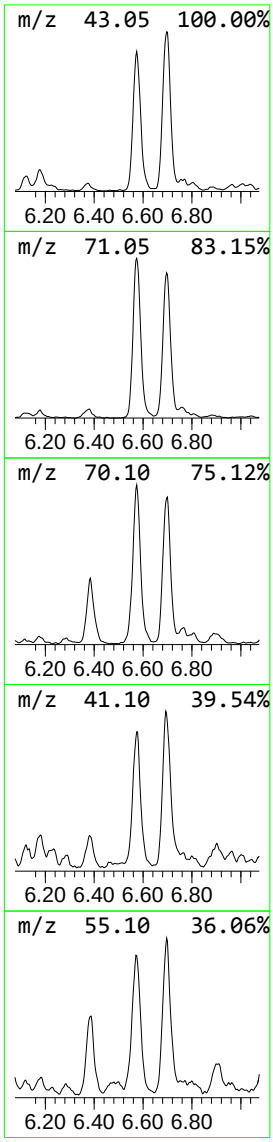
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.574	14.14 ug/l	676739	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Diisoamyl ether	158	C10H22O	000544-01-4	78
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

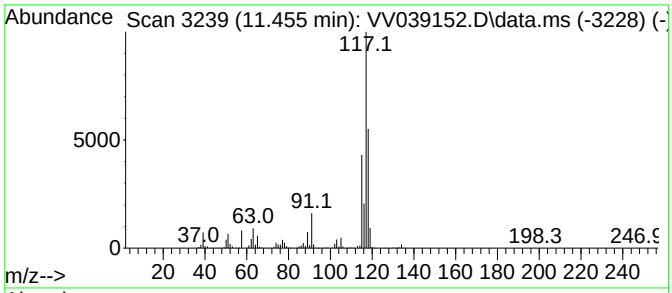
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

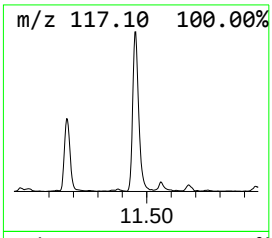
****

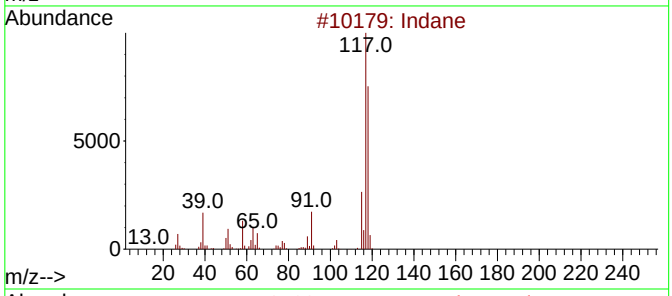
Peak Number 13 Indane Concentration Rank 8

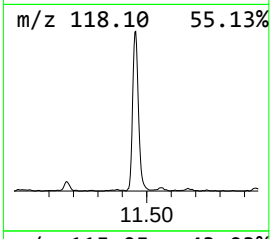
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.455	18.98 ug/l	935235	1,4-Dichlorobenzene-d4	11.175

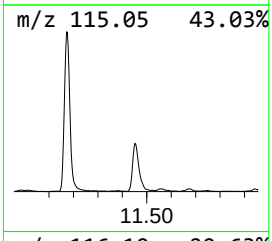
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	43
5	Indole	117	C8H7N	000120-72-9	38

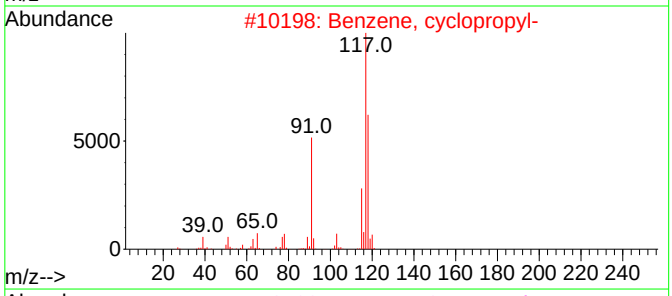


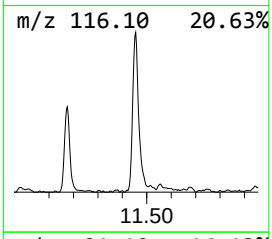


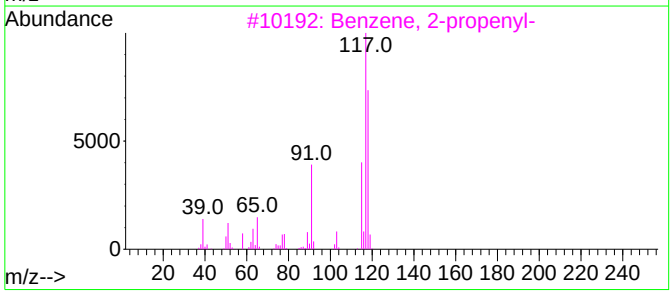


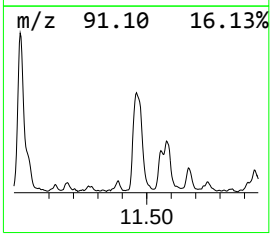












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

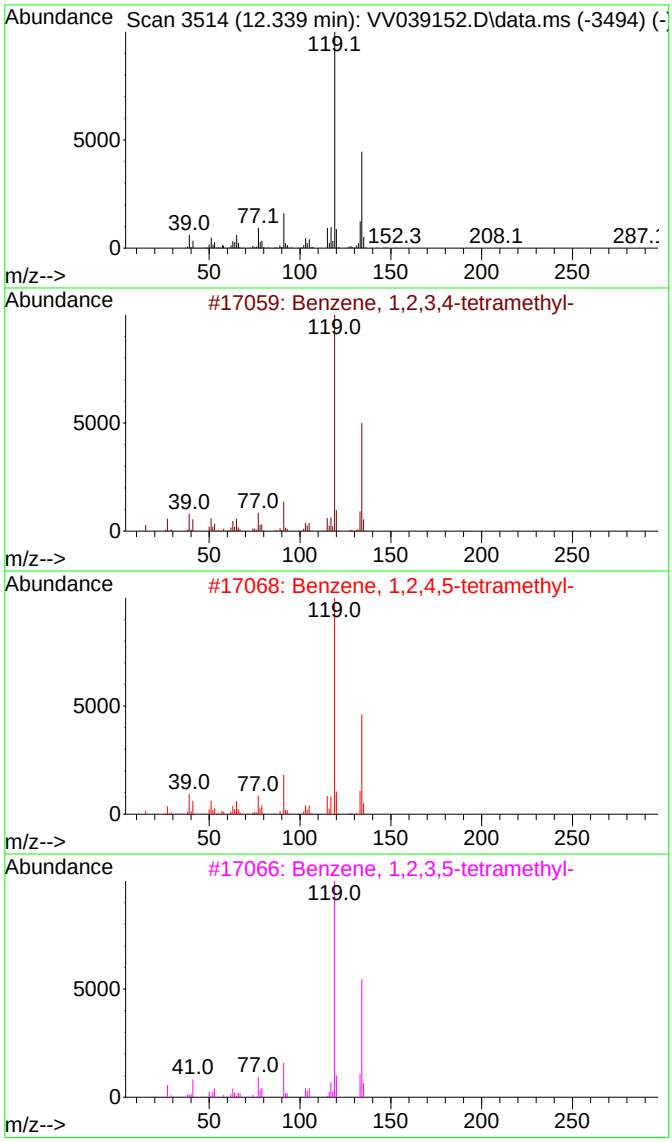
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

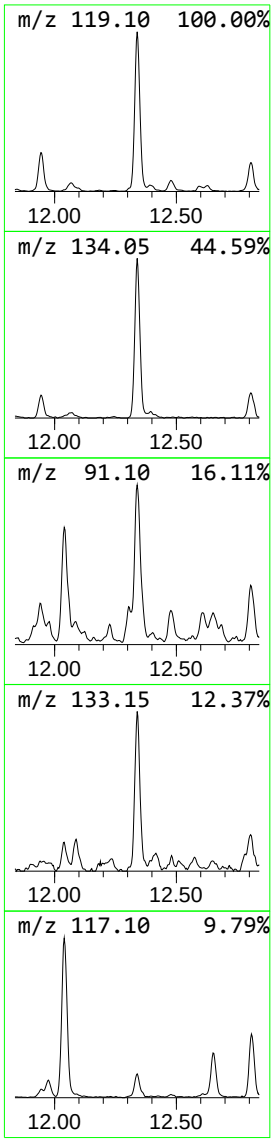
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	10.41 ug/l	512835	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.610	94.9	ug/l	3449340	1	4.600	1817770	50.0
Butane, 2,3-dim...	2.452	47.1	ug/l	1712870	1	4.600	1817770	50.0
Pentane, 3-methyl-	2.706	54.7	ug/l	1988700	1	4.600	1817770	50.0
Pentane, 2,3-di...	4.670	25.3	ug/l	919586	1	4.600	1817770	50.0
Pentane, 2,3,4-...	6.574	14.1	ug/l	676739	2	5.535	2392780	50.0
Indane	11.455	19.0	ug/l	935235	4	11.175	2463510	50.0
Benzene, 1,2,3,...	12.339	10.4	ug/l	512835	4	11.175	2463510	50.0

Raw Data: **VV039151.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	Pit	Date Received:	09/23/25
Client Sample ID:	Field Blank	SDG No.:	Q3173
Lab Sample ID:	Q3173-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039151.D	1	09/24/25 14:46	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Raw Data: **VV039151.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	Pit	Date Received:	09/23/25
Client Sample ID:	Field Blank	SDG No.:	Q3173
Lab Sample ID:	Q3173-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039151.D	1	09/24/25 14:46	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	43.7		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	552000	4.6			
540-36-3	1,4-Difluorobenzene	1030000	5.532			
3114-55-4	Chlorobenzene-d5	962000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	435000	11.172			

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_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Quant Time: Sep 25 04:46:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

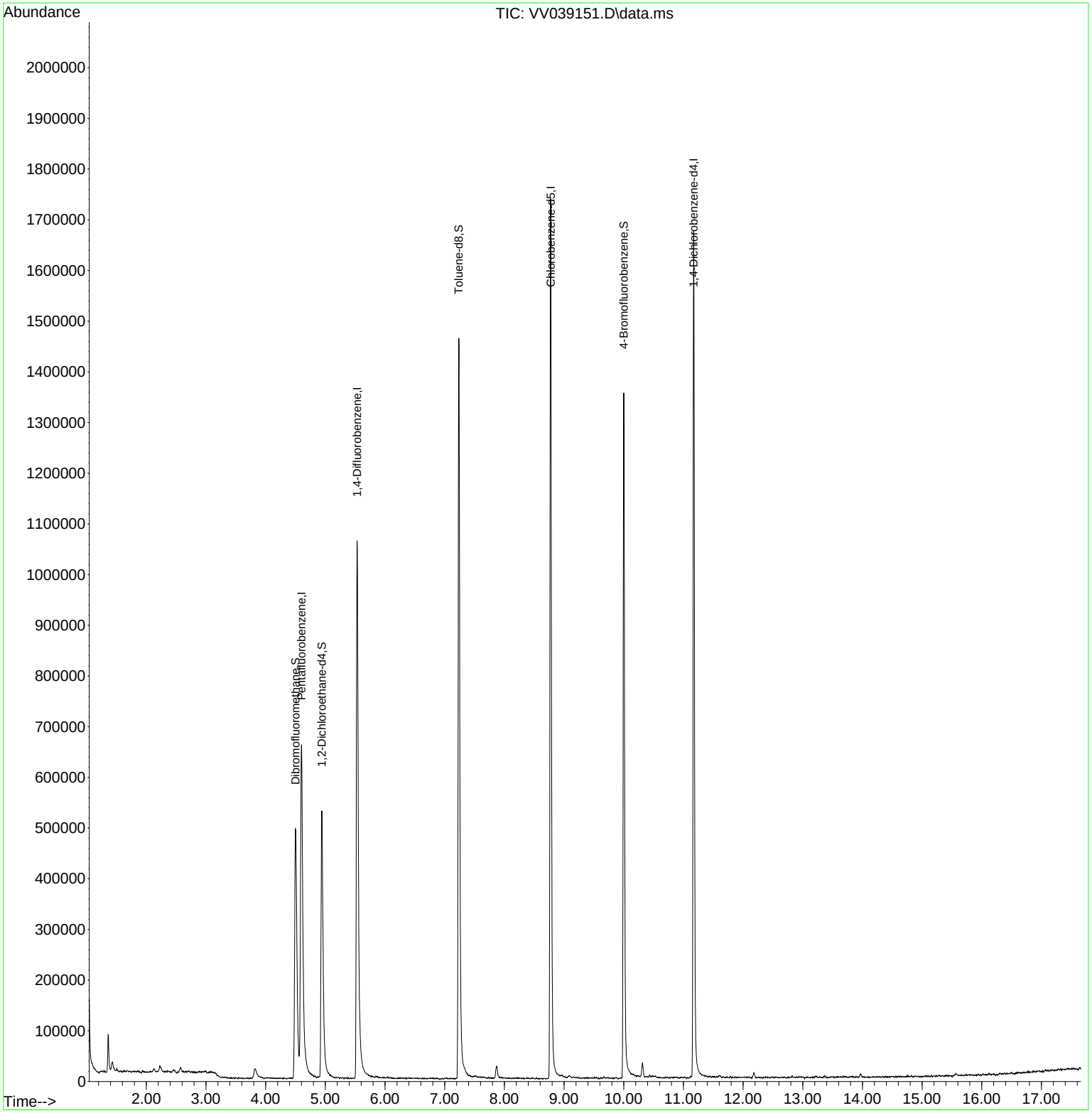
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	552493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1029152	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	962323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	434712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	462839	57.882	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 115.760%			
35) Dibromofluoromethane	4.500	113	418508	50.584	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.160%			
50) Toluene-d8	7.236	98	1060720	43.652	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 87.300%#			
62) 4-Bromofluorobenzene	10.001	95	446507	44.635	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 89.280%			
Target Compounds						Qvalue

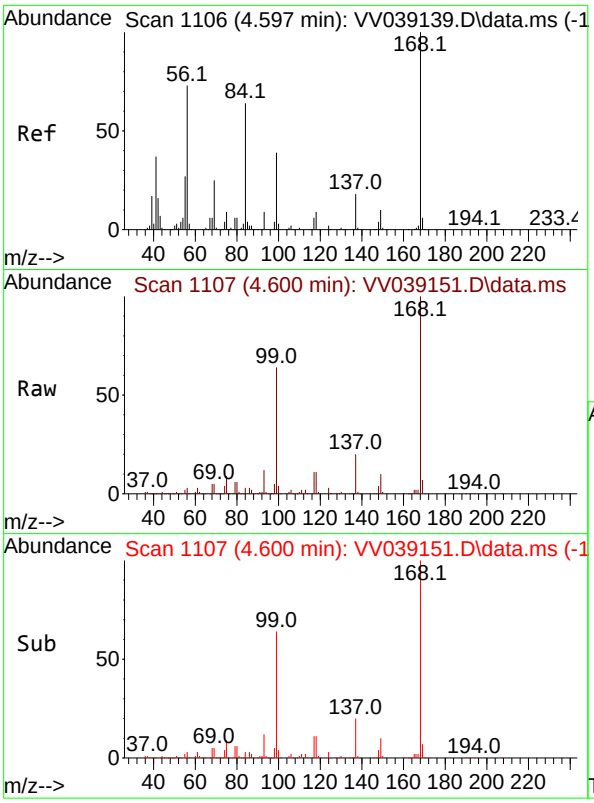
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Quant Time: Sep 25 04:46:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



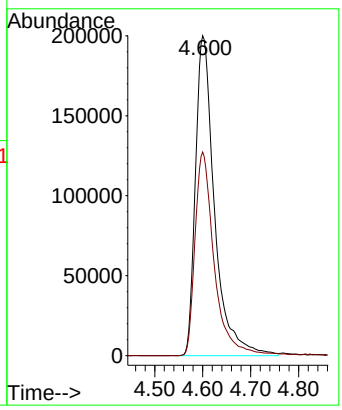


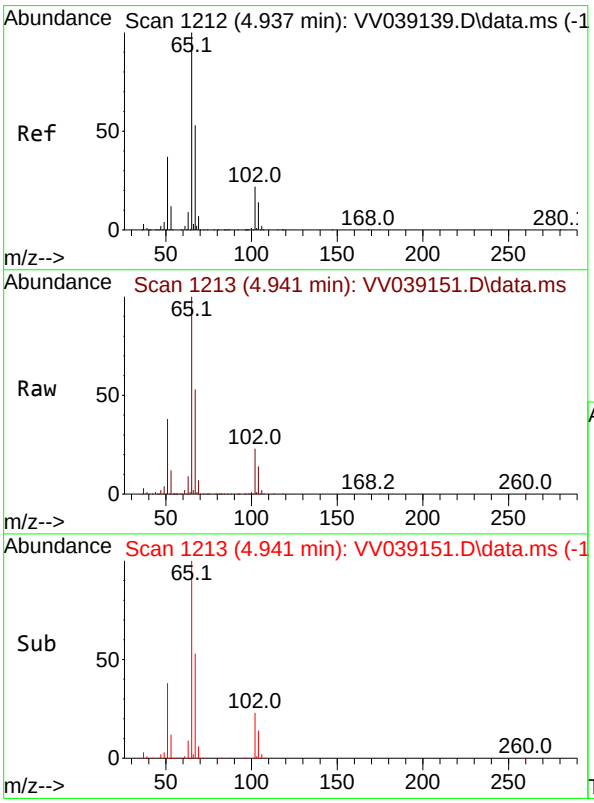
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Tgt Ion:168 Resp: 552493

Ion	Ratio	Lower	Upper
168	100		
99	63.6	49.6	74.4

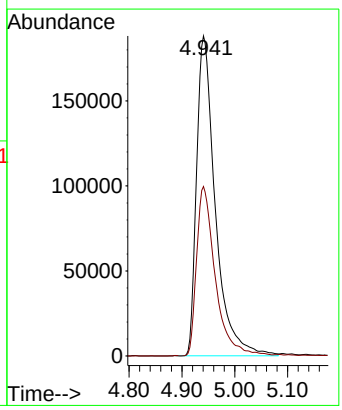


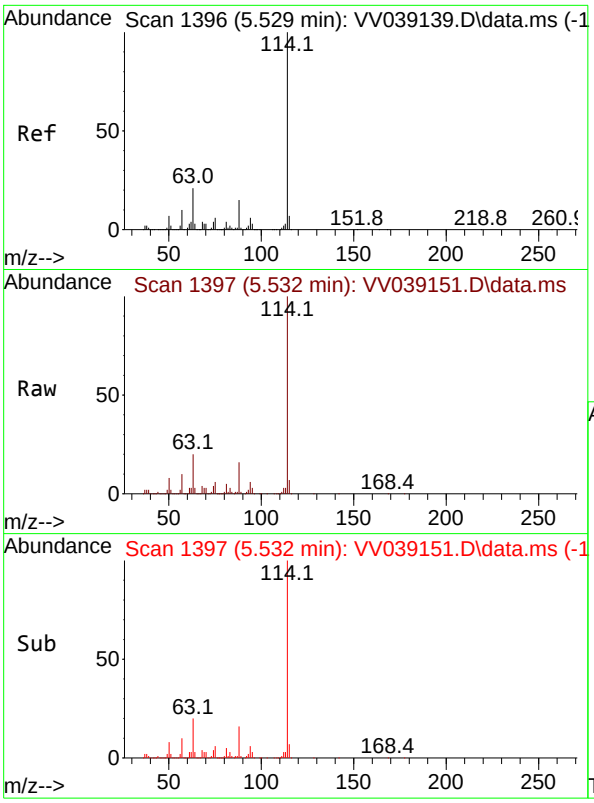


#33
1,2-Dichloroethane-d4
Concen: 57.882 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Tgt Ion: 65 Resp: 462839

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0



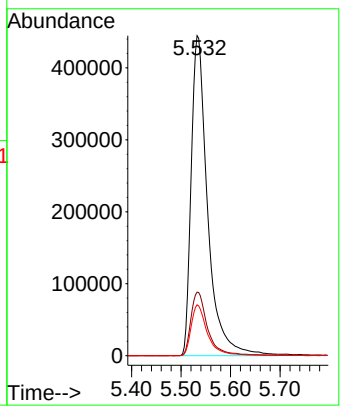


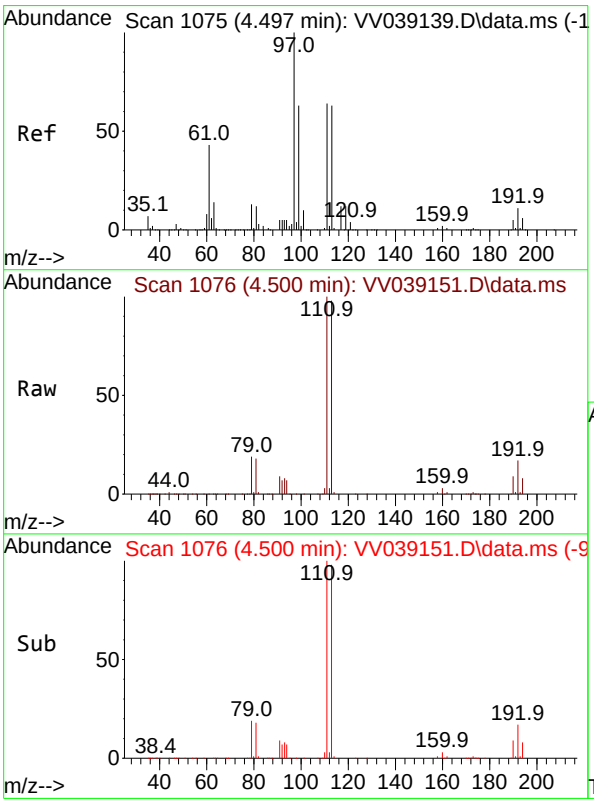
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Tgt Ion:114 Resp: 1029152

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.6
88	15.9	0.0	30.8

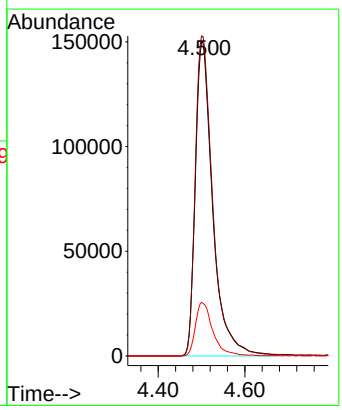


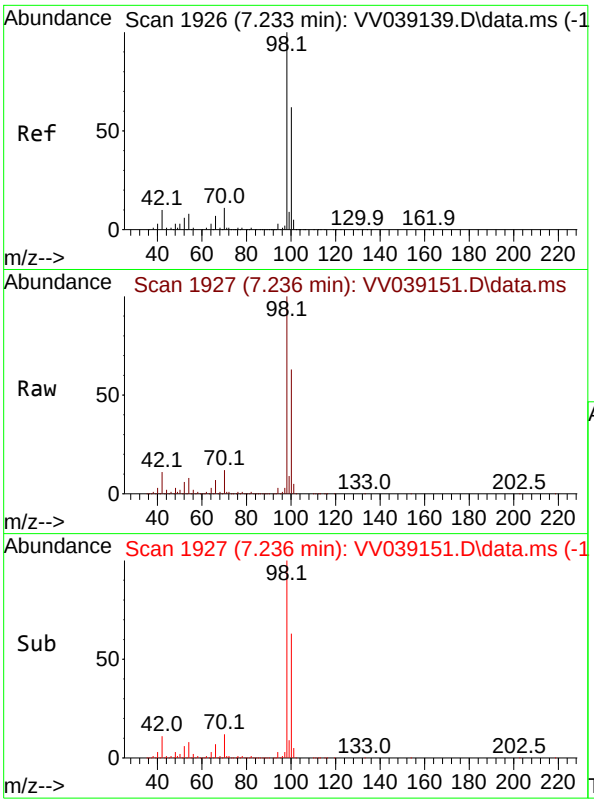


#35
Dibromofluoromethane
Concen: 50.584 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Tgt Ion:113 Resp: 418508

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	17.0	13.8	20.8



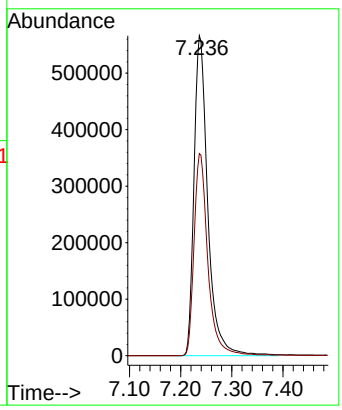


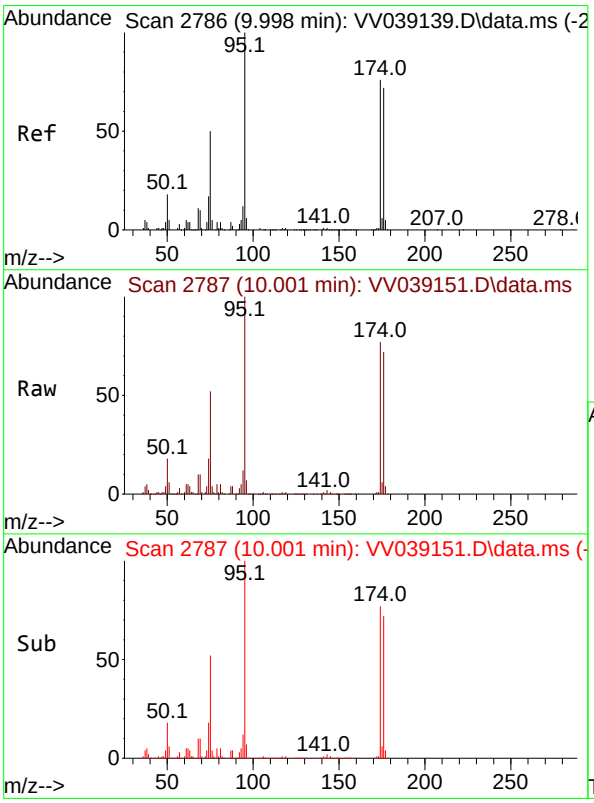
#50
Toluene-d8
Concen: 43.652 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Tgt Ion: 98 Resp: 1060720

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.2

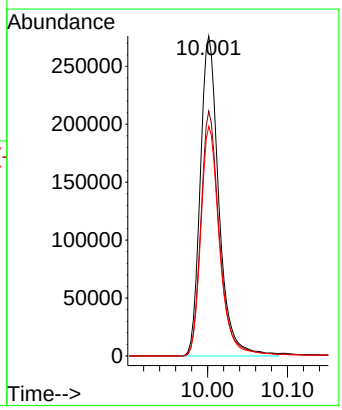


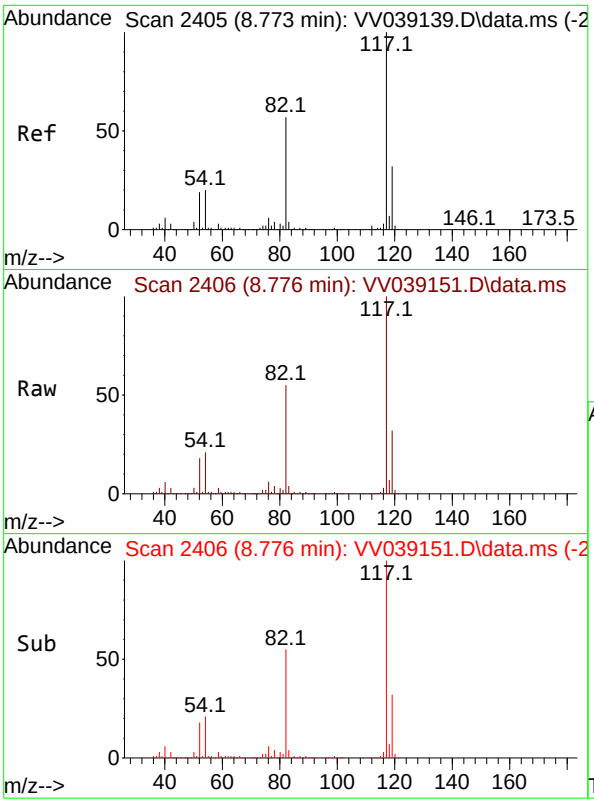


#62
4-Bromofluorobenzene
Concen: 44.635 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Tgt Ion: 95 Resp: 446507

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	150.4
176	72.8	0.0	144.2



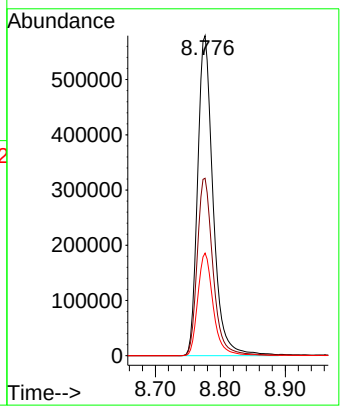


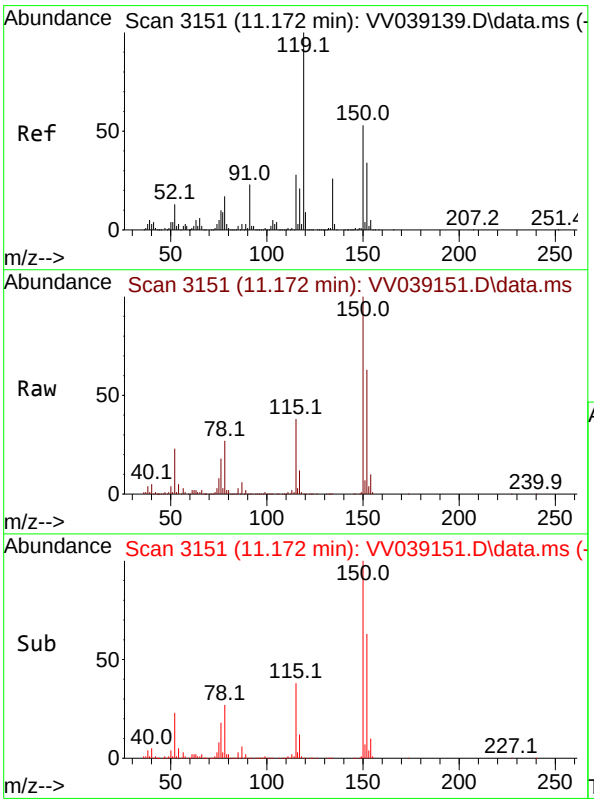
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Tgt Ion:117 Resp: 962323

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.2
119	32.0	25.6	38.4

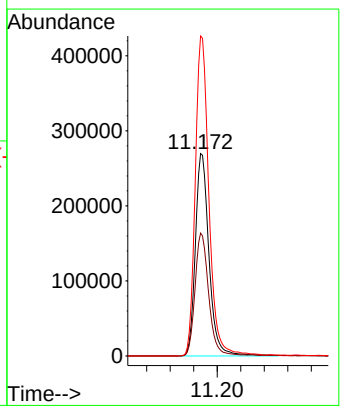




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Tgt Ion:152 Resp: 434712

Ion	Ratio	Lower	Upper
152	100		
115	60.7	44.8	134.4
150	158.3	0.0	353.8



Sample Results: **VV039151.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.362	93	100	111	rBV	73641	97370	3.31%	0.546%
2	3.822	848	865	877	rBV2	19325	59637	2.03%	0.335%
3	4.500	1059	1076	1095	rBV	492405	1312070	44.62%	7.363%
4	4.600	1095	1107	1144	rVB	648701	1788563	60.83%	10.037%
5	4.941	1201	1213	1247	rBV	524916	1284119	43.67%	7.206%
6	5.532	1386	1397	1448	rBV	1059038	2465885	83.86%	13.838%
7	7.236	1916	1927	1971	rBV	1460339	2811736	95.63%	15.779%
8	7.870	2113	2124	2138	rBV4	23505	48126	1.64%	0.270%
9	8.776	2394	2406	2442	rBV	1735610	2940347	100.00%	16.501%
10	10.001	2777	2787	2824	rBV	1352231	2247837	76.45%	12.614%
11	10.313	2872	2884	2895	rVB2	28362	51881	1.76%	0.291%
12	11.172	3139	3151	3184	rBV	1669318	2712100	92.24%	15.220%

Sum of corrected areas: 17819671

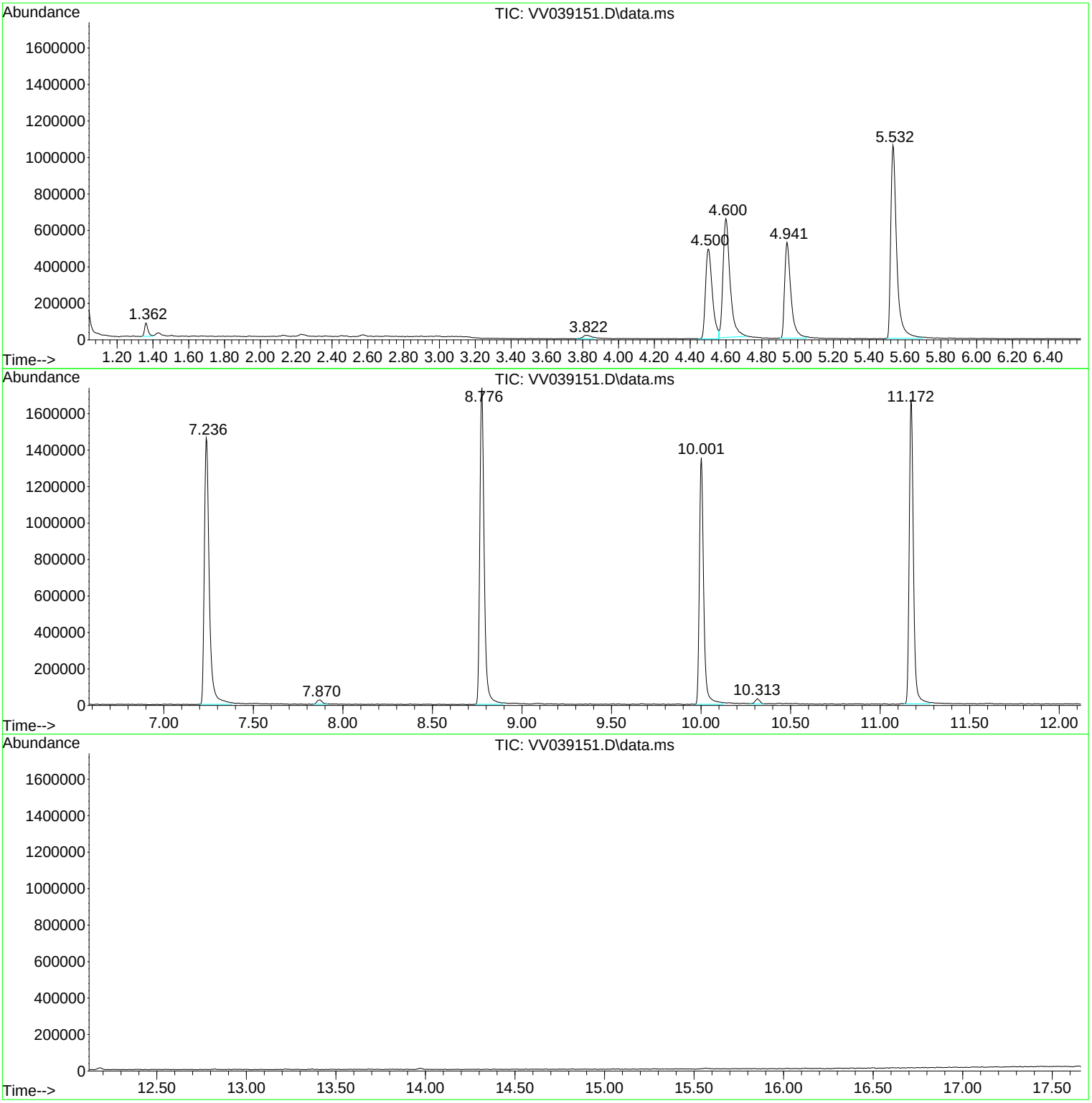
Sample Results: **VV039151.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VV039151.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **VV039151.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3173

Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35

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

LAB FILE ID: RRF010 = VV039137.D RRF020 = VV039138.D RRF050 = VV039139.D
RRF100 = VV039140.D RRF005 = VV039142.D RRF001 = VV039143.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Chloromethane	0.949	0.814	0.770	0.729	0.889	0.946	0.850	10.9
Vinyl Chloride	1.007	0.856	0.836	0.801	0.932	1.026	0.910	10.3
Bromomethane	0.631	0.548	0.508	0.524	0.655		0.573	11.5
Chloroethane	0.662	0.568	0.533	0.500	0.606	0.915	0.631	23.8
Tert butyl alcohol	0.169	0.157	0.137	0.136	0.166		0.153	10.3
1,1-Dichloroethene	0.804	0.721	0.674	0.663	0.789	0.873	0.754	10.9
Acetone	0.537	0.458	0.449	0.414	0.569	0.712	0.523	20.8
Carbon Disulfide	2.453	2.181	2.081	1.986	2.462	2.670	2.306	11.4
Methyl tert-butyl Ether	2.547	2.285	2.233	2.202	2.556	2.591	2.402	7.5
Methylene Chloride	0.930	0.848	0.779	0.742	1.113	1.987	1.066	44
trans-1,2-Dichloroethene	0.846	0.755	0.724	0.696	0.835	0.959	0.803	12.1
1,1-Dichloroethane	1.669	1.466	1.388	1.329	1.659	1.942	1.576	14.4
2-Butanone	0.604	0.584	0.586	0.580	0.570	0.554	0.579	2.9
Carbon Tetrachloride	0.742	0.710	0.703	0.675	0.736	0.890	0.743	10.2
cis-1,2-Dichloroethene	0.908	0.842	0.868	0.860	0.832	1.001	0.885	7.1
Chloroform	1.752	1.570	1.490	1.433	1.746	1.880	1.645	10.6
1,1,1-Trichloroethane	1.562	1.321	1.298	1.263	1.513	1.590	1.424	10.3
Benzene	2.077	1.978	1.990	1.931	1.963	1.936	1.979	2.7
1,2-Dichloroethane	0.725	0.694	0.666	0.643	0.693	0.740	0.693	5.2
Trichloroethene	0.471	0.456	0.463	0.454	0.460	0.435	0.457	2.6
1,2-Dichloropropane	0.509	0.519	0.502	0.486	0.471	0.465	0.492	4.4
Bromodichloromethane	0.832	0.764	0.753	0.725	0.767	0.829	0.778	5.5
4-Methyl-2-Pentanone	0.715	0.736	0.732	0.714	0.613	0.459	0.661	16.5
Toluene	1.211	1.199	1.229	1.214	1.130	0.901	1.147	10.9
t-1,3-Dichloropropene	0.701	0.696	0.728	0.753	0.645	0.548	0.678	10.8
cis-1,3-Dichloropropene	0.803	0.777	0.811	0.803	0.704	0.595	0.749	11.4
1,1,2-Trichloroethane	0.534	0.502	0.494	0.480	0.524	0.553	0.514	5.3
2-Hexanone	0.505	0.534	0.546	0.533	0.429	0.231	0.463	26.2
Dibromochloromethane	0.605	0.570	0.567	0.558	0.598	0.620	0.586	4.2
Tetrachloroethene	0.435	0.412	0.412	0.407	0.431	0.415	0.419	2.7

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3173

Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35

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

LAB FILE ID: RRF010 = VV039137.D RRF020 = VV039138.D RRF050 = VV039139.D
RRF100 = VV039140.D RRF005 = VV039142.D RRF001 = VV039143.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Chlorobenzene	1.403	1.368	1.383	1.358	1.417	1.428	1.393	2
Ethyl Benzene	2.028	2.143	2.382	2.418	1.953	1.725	2.108	12.5
m/p-Xylenes	0.820	0.882	0.949	0.938	0.713	0.580	0.814	17.7
o-Xylene	0.703	0.742	0.846	0.880	0.635	0.518	0.720	18.7
Styrene	1.239	1.381	1.553	1.537	1.038	0.828	1.263	22.8
Bromoform	0.396	0.384	0.396	0.400	0.385	0.397	0.393	1.7
1,1,2,2-Tetrachloroethane	1.600	1.461	1.425	1.389	1.684	1.975	1.589	13.8
1,2-Dichloroethane-d4	0.773	0.663	0.646	0.618	0.919		0.724	17.1
Dibromofluoromethane	0.435	0.382	0.377	0.360	0.454		0.402	10.1
Toluene-d8	1.166	1.092	1.136	1.097	1.411		1.181	11.2
4-Bromofluorobenzene	0.481	0.464	0.507	0.501	0.477		0.486	3.6

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

Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : 82V092225W.M
Title : SW846 8260
Last Update : Wed Sep 24 08:08:08 2025
Response Via : Initial Calibration

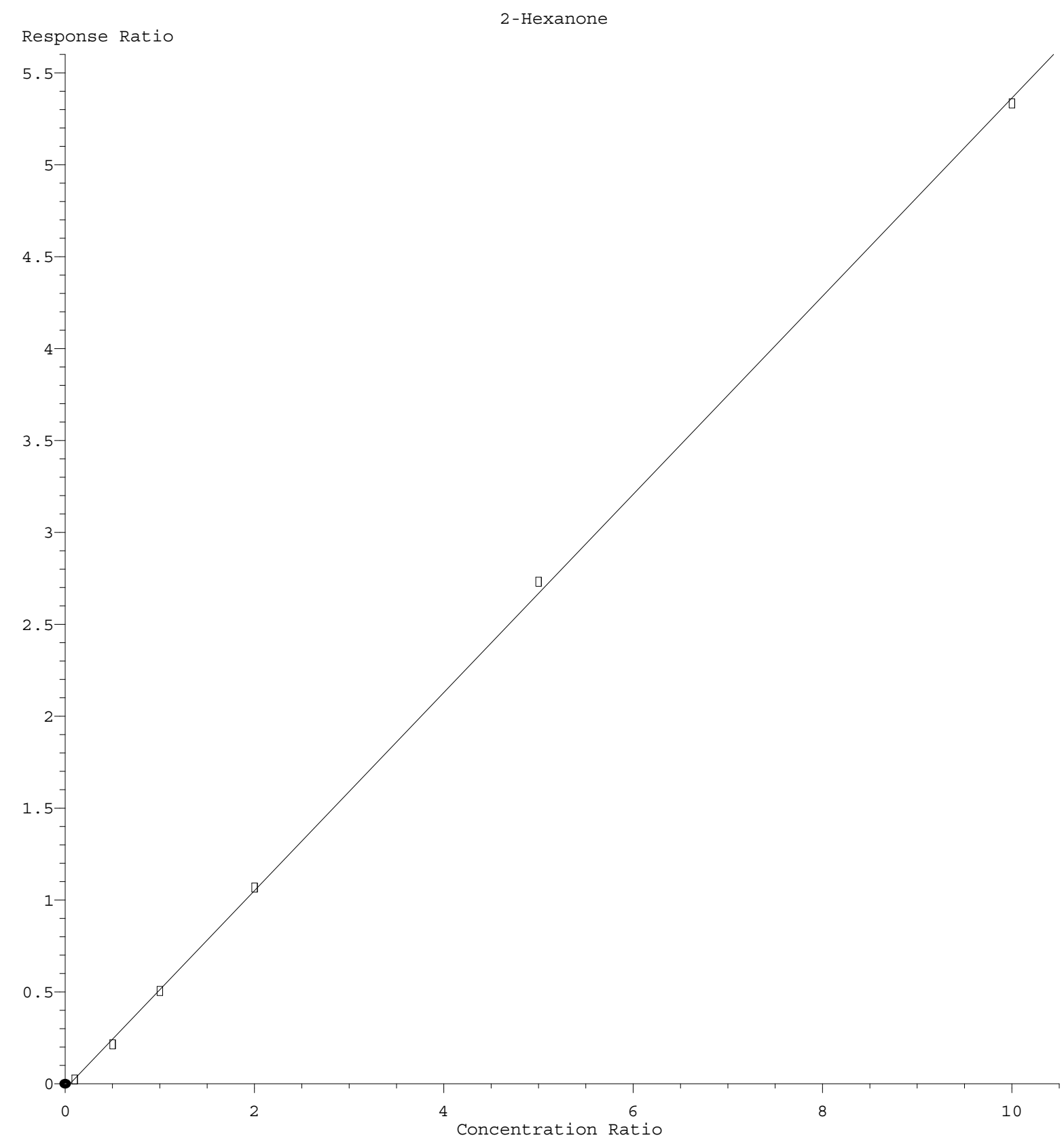
Calibration Files
1 =VV039143.D 5 =VV039142.D 10 =VV039137.D 20 =VV039138.D 50 =VV039139.D 100 =VV039140.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.934	0.772	0.848	0.757	0.740	0.699	0.791	10.78
3)	P	Chloromethane	0.946	0.889	0.949	0.814	0.770	0.729	0.850	10.90
4)	C	Vinyl Chloride	1.026	0.932	1.007	0.856	0.836	0.801	0.910	10.27#
5)	T	Bromomethane		0.655	0.631	0.548	0.508	0.524	0.573	11.50
6)	T	Chloroethane	0.915	0.606	0.662	0.568	0.533	0.500	0.631	23.83
7)	T	Trichlorofluor...	1.546	1.365	1.394	1.253	1.193	1.151	1.317	11.15
8)	T	Diethyl Ether	0.572	0.513	0.505	0.461	0.447	0.435	0.489	10.50
9)	T	1,1,2-Trichlor...	0.939	0.804	0.839	0.732	0.702	0.686	0.784	12.28
10)	T	Methyl Iodide		0.638	0.772	0.742	0.786	0.793	0.746	8.50
11)	T	Tert butyl alc...		0.166	0.169	0.157	0.137	0.136	0.153	10.26
12)	CM	1,1-Dichloroet...	0.873	0.789	0.804	0.721	0.674	0.663	0.754	10.87#
13)	T	Acrolein		0.025	0.027	0.027	0.026	0.027	0.027	4.01
14)	T	Allyl chloride	1.523	1.434	1.388	1.283	1.243	1.208	1.347	9.06
15)	T	Acrylonitrile	0.587	0.522	0.507	0.462	0.436	0.427	0.490	12.38
16)	T	Acetone	0.712	0.569	0.537	0.458	0.449	0.414	0.523	20.84
17)	T	Carbon Disulfide	2.670	2.462	2.453	2.181	2.081	1.986	2.306	11.43
18)	T	Methyl Acetate	1.198	1.097	1.146	1.036	0.983	0.973	1.072	8.46
19)	T	Methyl tert-bu...	2.591	2.556	2.547	2.285	2.233	2.202	2.402	7.50
20)	T	Methylene Chlo...	1.987	1.113	0.930	0.848	0.779	0.742	1.066	44.05
21)	T	trans-1,2-Dich...	0.959	0.835	0.846	0.755	0.724	0.696	0.803	12.11
22)	T	Diisopropyl ether	2.659	2.560	2.757	2.530	2.520	2.433	2.576	4.44
23)	T	Vinyl Acetate	2.243	2.313	2.393	2.241	2.204	2.128	2.254	4.04
24)	P	1,1-Dichloroet...	1.942	1.659	1.669	1.466	1.388	1.329	1.576	14.42
25)	T	2-Butanone	0.554	0.570	0.604	0.584	0.586	0.580	0.579	2.90
26)	T	2,2-Dichloropr...	1.906	1.393	1.364	1.275	1.239	1.204	1.397	18.57
27)	T	cis-1,2-Dichlo...	1.001	0.832	0.908	0.842	0.868	0.860	0.885	7.06
28)	T	Bromochloromet...	0.743	0.525	0.836	0.753	0.679	0.637	0.696	15.49
29)	T	Tetrahydrofuran	0.335	0.350	0.376	0.372	0.369	0.374	0.363	4.57
30)	C	Chloroform	1.880	1.746	1.752	1.570	1.490	1.433	1.645	10.60#
31)	T	Cyclohexane		1.407	1.325	1.222	1.245	1.254	1.291	5.85
32)	T	1,1,1-Trichlor...	1.590	1.513	1.562	1.321	1.298	1.263	1.424	10.26
33)	S	1,2-Dichloroet...		0.919	0.773	0.663	0.646	0.618	0.724	17.13
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.454	0.435	0.382	0.377	0.360	0.402	10.10
36)	T	1,1-Dichloropr...	0.650	0.536	0.624	0.604	0.620	0.612	0.608	6.33
37)	T	Ethyl Acetate	0.825	0.722	0.715	0.740	0.714	0.710	0.737	5.96
38)	T	Carbon Tetrach...	0.890	0.736	0.742	0.710	0.703	0.675	0.743	10.25
39)	T	Methylcyclohexane	0.622	0.680	0.701	0.720	0.823	0.857	0.734	12.15
40)	TM	Benzene	1.936	1.963	2.077	1.978	1.990	1.931	1.979	2.69
41)	T	Methacrylonitrile	0.185	0.215	0.273	0.292	0.330	0.342	0.273	22.92
42)	TM	1,2-Dichloroet...	0.740	0.693	0.725	0.694	0.666	0.643	0.693	5.20
43)	T	Isopropyl Acetate	0.869	0.933	1.032	1.029	1.069	1.100	1.005	8.71
44)	TM	Trichloroethene	0.435	0.460	0.471	0.456	0.463	0.454	0.457	2.64
45)	C	1,2-Dichloropr...	0.465	0.471	0.509	0.519	0.502	0.486	0.492	4.40#
46)	T	Dibromomethane	0.396	0.381	0.392	0.367	0.368	0.354	0.376	4.40
47)	T	Bromodichlorom...	0.829	0.767	0.832	0.764	0.753	0.725	0.778	5.54
48)	T	Methyl methacr...	0.491	0.356	0.409	0.449	0.504	0.526	0.456	14.15
49)	T	1,4-Dioxane	0.009	0.005	0.007	0.007	0.007	0.008	0.007	17.72
50)	S	Toluene-d8		1.411	1.166	1.092	1.136	1.097	1.181	11.21
51)	T	4-Methyl-2-Pen...	0.459	0.613	0.715	0.736	0.732	0.714	0.661	16.48
52)	CM	Toluene	0.901	1.130	1.211	1.199	1.229	1.214	1.147	10.93#
53)	T	t-1,3-Dichloro...	0.548	0.645	0.701	0.696	0.728	0.753	0.678	10.83
54)	T	cis-1,3-Dichlo...	0.595	0.704	0.803	0.777	0.811	0.803	0.749	11.37
55)	T	1,1,2-Trichlor...	0.553	0.524	0.534	0.502	0.494	0.480	0.514	5.31
56)	T	Ethyl methacry...	0.507	0.510	0.569	0.603	0.716	0.761	0.611	17.43

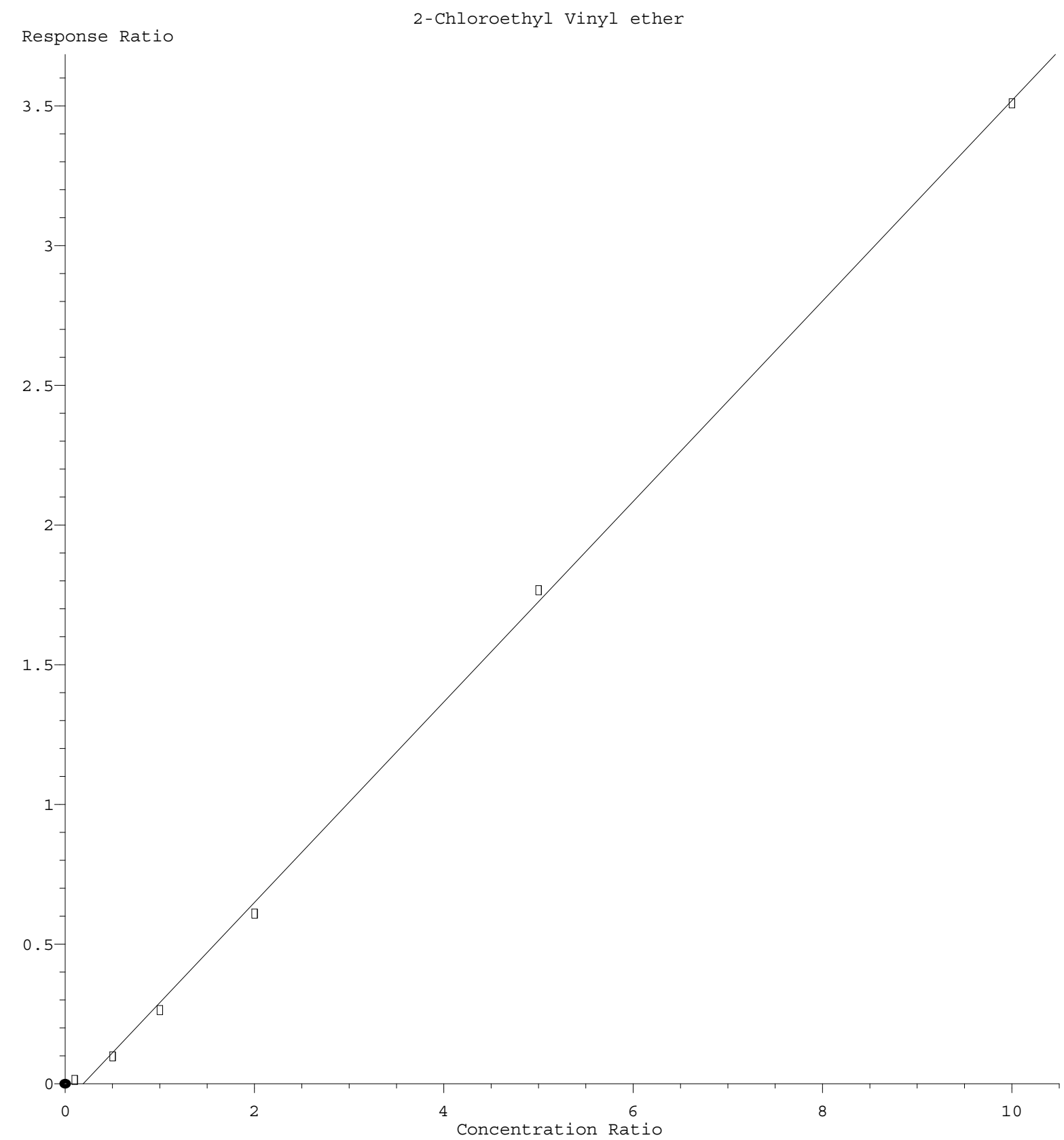
Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : 82V092225W.M

57)	T	1,3-Dichloropr...	0.797	0.764	0.861	0.827	0.820	0.802	0.812	4.02
58)	T	2-Chloroethyl ...	0.136	0.196	0.264	0.304	0.353	0.351	0.267	32.62
59)	T	2-Hexanone	0.231	0.429	0.505	0.534	0.546	0.533	0.463	26.18
60)	T	Dibromochlorom...	0.620	0.598	0.605	0.570	0.567	0.558	0.586	4.20
61)	T	1,2-Dibromoethane	0.484	0.535	0.556	0.538	0.529	0.514	0.526	4.70
62)	S	4-Bromofluorob...		0.477	0.481	0.464	0.507	0.501	0.486	3.62
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.415	0.431	0.435	0.412	0.412	0.407	0.419	2.74
65)	PM	Chlorobenzene	1.428	1.417	1.403	1.368	1.383	1.358	1.393	1.99
66)	T	1,1,1,2-Tetrac...	0.543	0.504	0.520	0.488	0.488	0.477	0.503	4.84
67)	C	Ethyl Benzene	1.725	1.953	2.028	2.143	2.382	2.418	2.108	12.53#
68)	T	m/p-Xylenes	0.580	0.713	0.820	0.882	0.949	0.938	0.814	17.68
69)	T	o-Xylene	0.518	0.635	0.703	0.742	0.846	0.880	0.720	18.67
70)	T	Styrene	0.828	1.038	1.239	1.381	1.553	1.537	1.263	22.78
71)	P	Bromoform	0.397	0.385	0.396	0.384	0.396	0.400	0.393	1.68
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.226	3.296	3.564	3.638	3.939	4.096	3.627	9.49
74)	T	N-amyl acetate	1.031	1.279	1.425	1.506	1.673	1.764	1.447	18.47
75)	P	1,1,2,2-Tetrac...	1.975	1.684	1.600	1.461	1.425	1.389	1.589	13.83
76)	T	1,2,3-Trichlor...	1.375	1.201	1.136	1.048	1.049	1.023	1.138	11.73
77)	T	Bromobenzene	0.978	0.927	0.948	0.919	0.925	0.949	0.941	2.34
78)	T	n-propylbenzene	3.873	3.967	4.330	4.442	4.899	4.986	4.416	10.44
79)	T	2-Chlorotoluene	2.114	2.585	2.752	2.688	2.833	2.883	2.643	10.59
80)	T	1,3,5-Trimethy...	2.462	2.697	2.924	3.141	3.387	3.475	3.014	13.12
81)	T	trans-1,4-Dich...		0.427	0.478	0.451	0.495	0.521	0.474	7.77
82)	T	4-Chlorotoluene	2.381	2.877	3.160	3.216	3.338	3.413	3.064	12.48
83)	T	tert-Butylbenzene	2.875	2.757	2.886	2.881	3.222	3.413	3.006	8.43
84)	T	1,2,4-Trimethy...	2.332	2.542	2.767	3.100	3.378	3.440	2.926	15.47
85)	T	sec-Butylbenzene	3.605	3.608	3.823	3.969	4.364	4.550	3.987	9.88
86)	T	p-Isopropyltol...	2.874	2.994	3.237	3.351	3.682	3.772	3.318	10.85
87)	T	1,3-Dichlorobe...	1.975	1.943	1.931	1.836	1.857	1.882	1.904	2.83
88)	T	1,4-Dichlorobe...	2.522	2.139	2.070	1.951	1.934	1.919	2.089	10.97
89)	T	n-Butylbenzene	2.646	2.816	3.034	3.141	3.613	3.763	3.169	13.88
90)	T	Hexachloroethane	1.044	0.841	0.808	0.740	0.728	0.742	0.817	14.63
91)	T	1,2-Dichlorobe...	1.935	1.797	1.751	1.652	1.738	1.802	1.779	5.26
92)	T	1,2-Dibromo-3-...	0.476	0.333	0.299	0.283	0.285	0.302	0.330	22.39
93)	T	1,2,4-Trichlor...	1.028	0.935	0.928	0.963	1.076	1.189	1.020	9.87
94)	T	Hexachlorobuta...	0.683	0.530	0.512	0.474	0.480	0.501	0.530	14.65
95)	T	Naphthalene	3.054	2.665	2.888	3.114	3.814	4.244	3.296	18.32
96)	T	1,2,3-Trichlor...	1.113	0.901	0.974	0.973	1.107	1.191	1.043	10.58

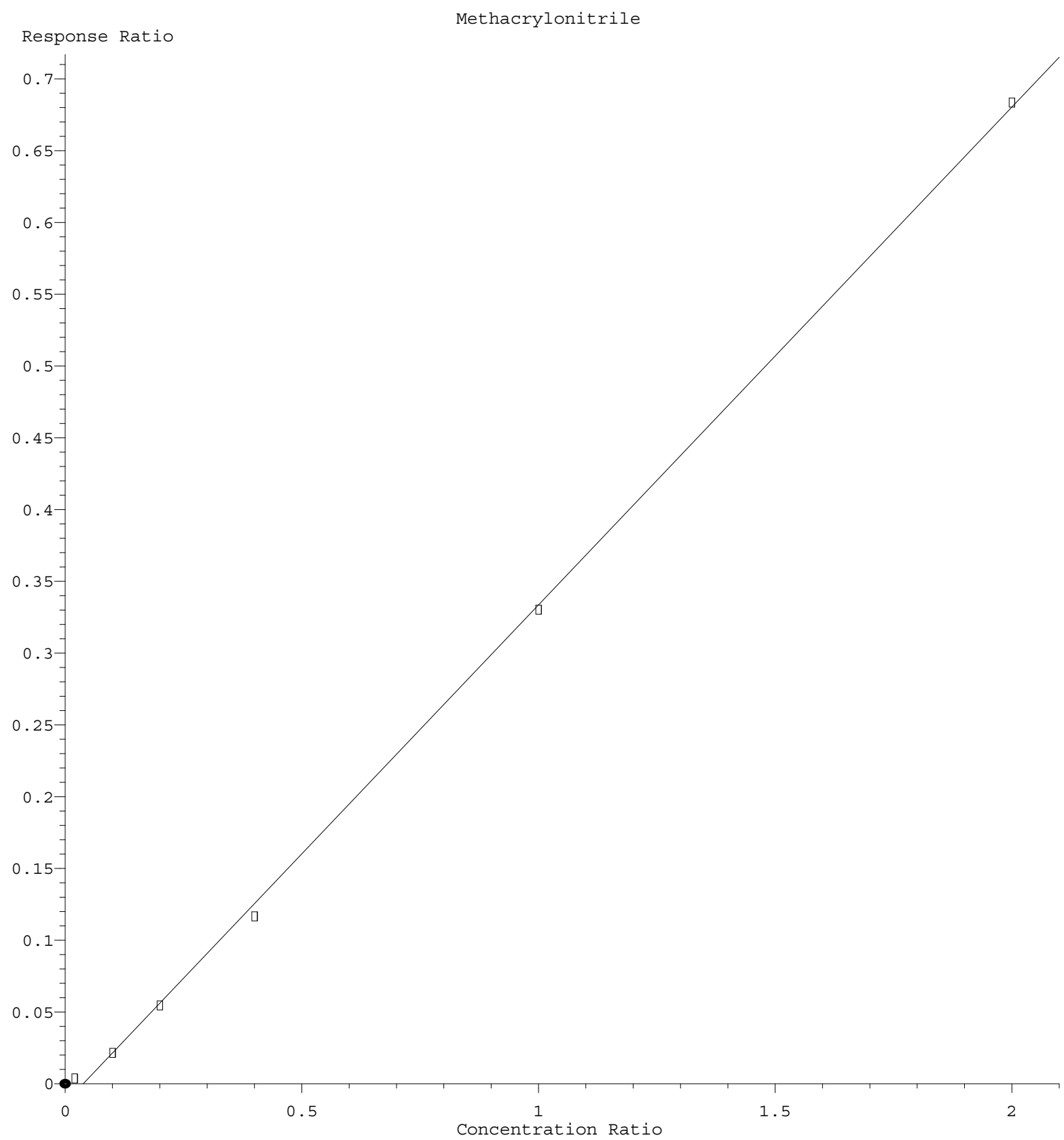
(#) = Out of Range



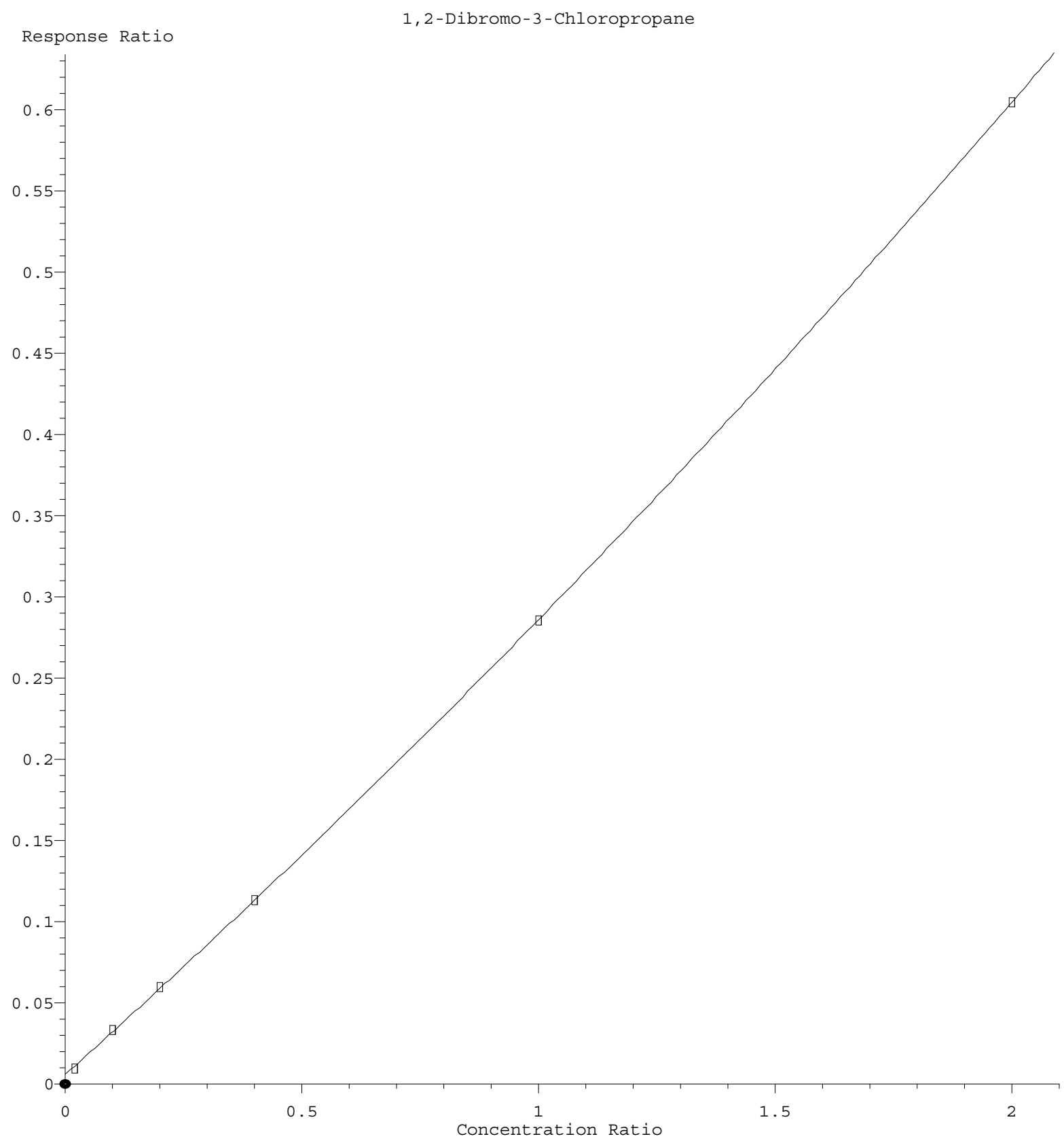
Response = 5.390e-001 * Amt - 2.507e-002
Coef of Det (r^2) = 0.999719 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



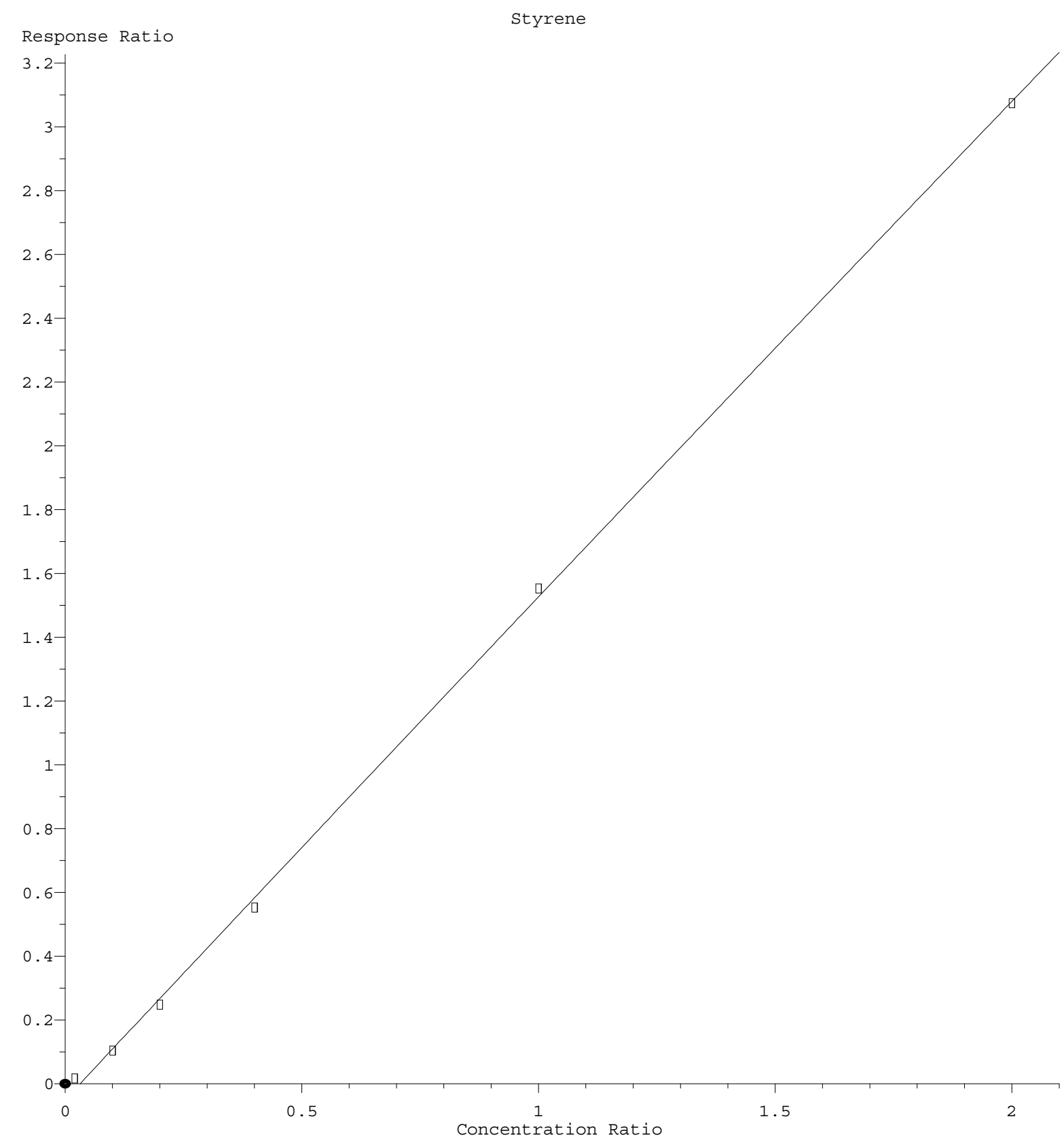
Response = 3.588e-001 * Amt - 6.905e-002
Coef of Det (r^2) = 0.999314 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



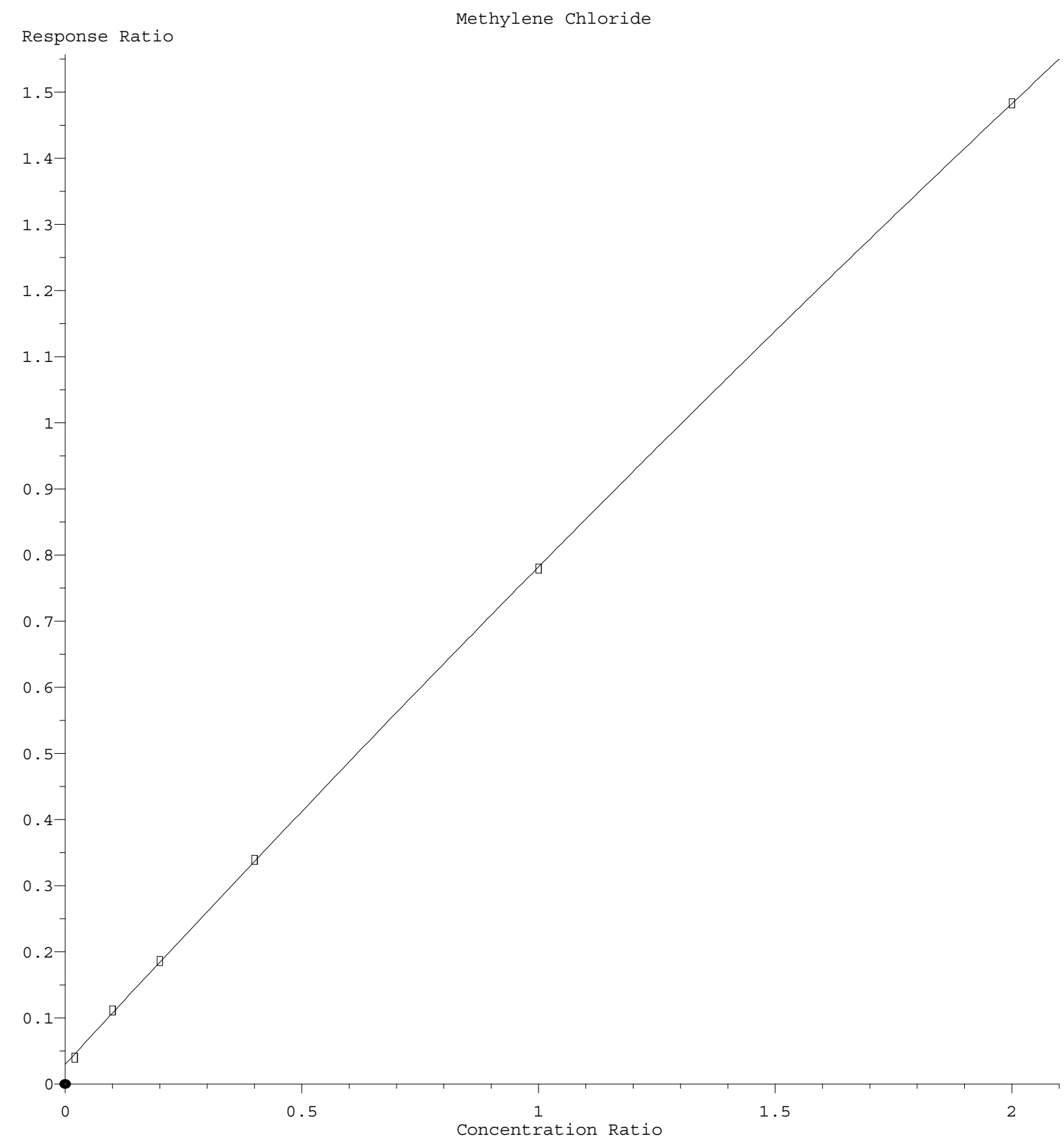
Response = 3.467e-001 * Amt - 1.325e-002
Coef of Det (r^2) = 0.999425 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



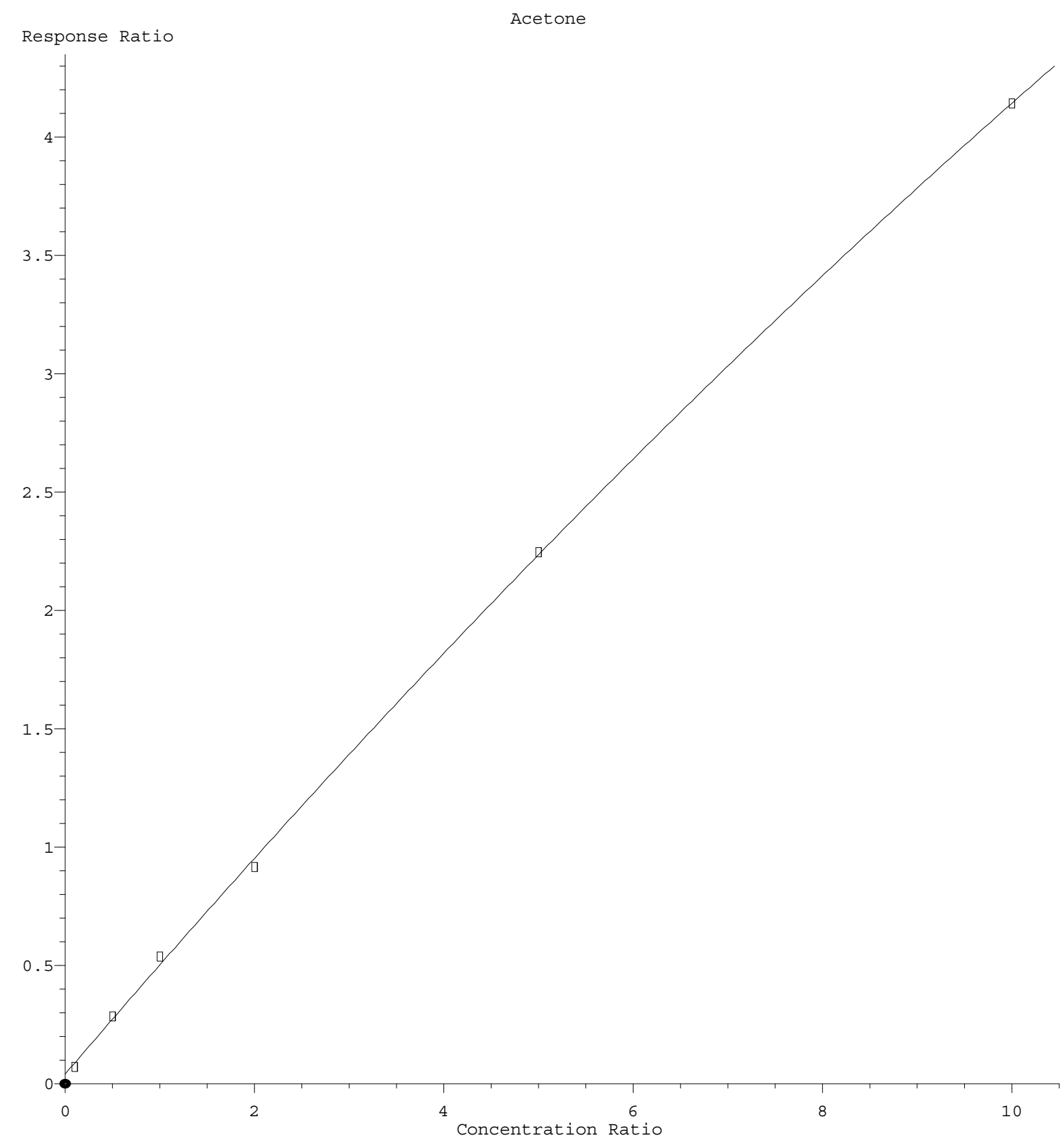
R = 1.931e-002 A*A + 2.606e-001 A + 5.917e-003
Coef of Det (r^2) = 0.999981 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



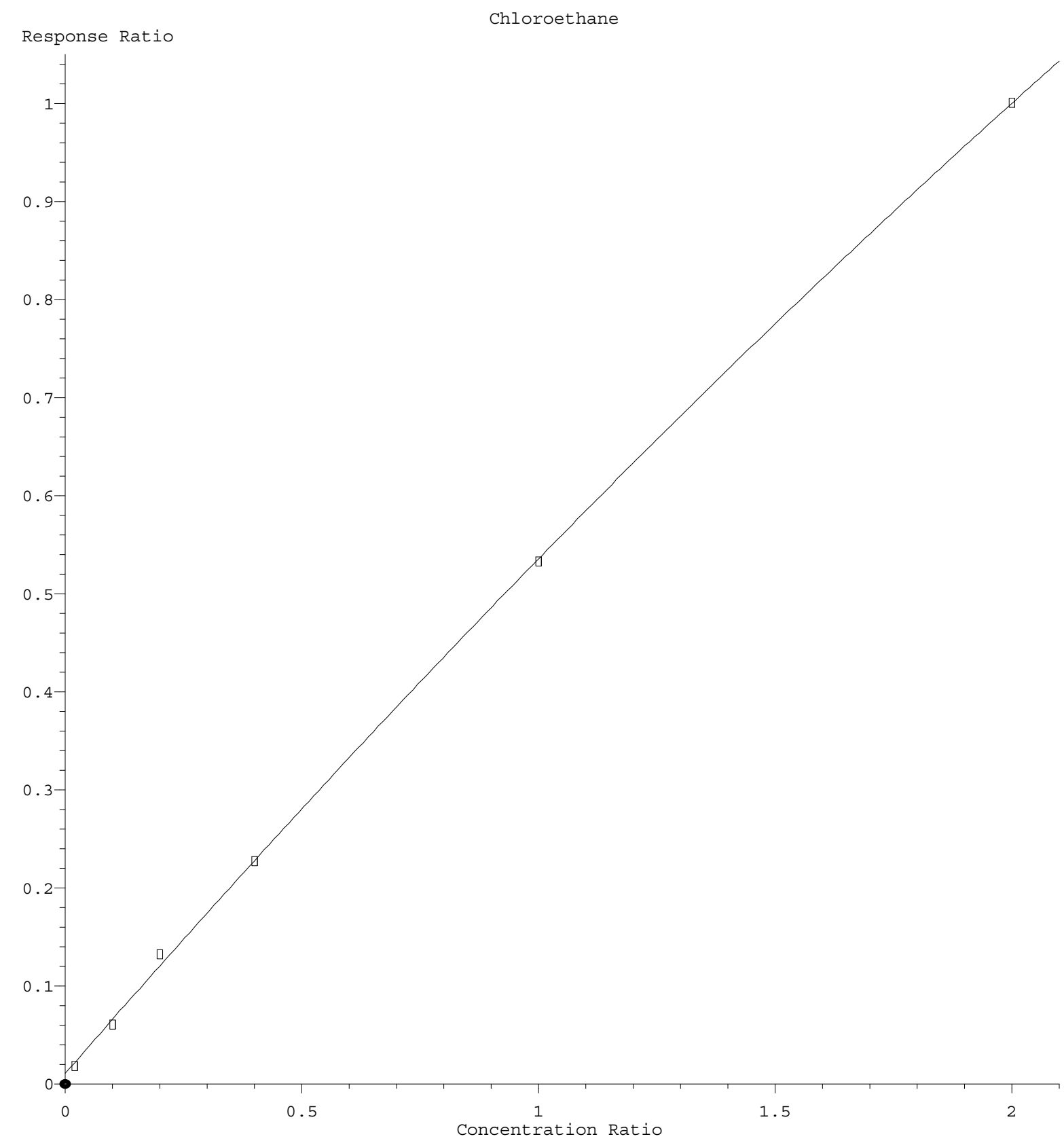
R = -1.124e-002 A*A + 1.587e+000 A - 4.955e-002
Coef of Det (r^2) = 0.999540 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



R = -2.570e-002 A*A + 7.777e-001 A + 2.991e-002
Coef of Det (r^2) = 0.999960 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



R = -5.738e-003 A*A + 4.676e-001 A + 4.104e-002
Coef of Det (r^2) = 0.999745 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



R = -3.006e-002 A*A + 5.547e-001 A + 1.084e-002
Coef of Det (r^2) = 0.999734 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039137.D
Acq On : 22 Sep 2025 12:26
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Sep 24 07:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.597	168	501722	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	5.529	114	837272	50.000	ug/l		0.00
63) Chlorobenzene-d5	8.773	117	824583	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	463438	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.944	65	77610	10.688	ug/l		0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 21.380%#				
35) Dibromofluoromethane	4.503	113	72914	10.833	ug/l		0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 21.660%#				
50) Toluene-d8	7.240	98	195300	9.879	ug/l		0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 19.760%#				
62) 4-Bromofluorobenzene	10.005	95	80587	9.902	ug/l		0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 19.800%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.121	85	85113	10.716	ug/l		99
3) Chloromethane	1.230	50	95215	11.167	ug/l		95
4) Vinyl Chloride	1.298	62	101023	11.068	ug/l		99
5) Bromomethane	1.500	94	63359	11.011	ug/l		98
6) Chloroethane	1.561	64	66412	11.087	ug/l		98
7) Trichlorofluoromethane	1.729	101	139927	10.588	ug/l		98
8) Diethyl Ether	1.918	74	50669	10.328	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.082	101	84221	10.711	ug/l		99
10) Methyl Iodide	2.198	142	77448	10.343	ug/l		98
11) Tert butyl alcohol	2.568	59	84609	55.130	ug/l		99
12) 1,1-Dichloroethene	2.082	96	80704	10.669	ug/l		97
13) Acrolein	2.015	56	13557	50.908	ug/l	#	80
14) Allyl chloride	2.359	41	139249	10.305	ug/l		98
15) Acrylonitrile	2.674	53	254235	51.676	ug/l		99
16) Acetone	2.121	43	269573	53.773	ug/l		99
17) Carbon Disulfide	2.253	76	246125	10.639	ug/l		99
18) Methyl Acetate	2.381	43	115005	10.689	ug/l		97
19) Methyl tert-butyl Ether	2.712	73	255535	10.601	ug/l		99
20) Methylene Chloride	2.455	84	93350	10.106	ug/l		99
21) trans-1,2-Dichloroethene	2.703	96	84891	10.541	ug/l		95
22) Diisopropyl ether	3.214	45	276604	10.699	ug/l	#	68
23) Vinyl Acetate	3.191	43	1200618	53.087	ug/l		100
24) 1,1-Dichloroethane	3.118	63	167496	10.594	ug/l		100
25) 2-Butanone	3.873	43	303016	53.015	ug/l		100
26) 2,2-Dichloropropane	3.809	77	136919	9.806	ug/l		100
27) cis-1,2-Dichloroethene	3.822	96	91069	10.254	ug/l		99
28) Bromochloromethane	4.146	49	83889	12.019	ug/l		98
29) Tetrahydrofuran	4.240	42	188818	51.879	ug/l		96
30) Chloroform	4.278	83	175847	10.652	ug/l		97
31) Cyclohexane	4.584	56	132996	10.269	ug/l		96
32) 1,1,1-Trichloroethane	4.513	97	156733	10.966	ug/l		96
36) 1,1-Dichloropropene	4.744	75	104420	10.187	ug/l		99
37) Ethyl Acetate	3.982	43	119710	9.520	ug/l	#	91
38) Carbon Tetrachloride	4.732	117	124321	10.069	ug/l		98
39) Methylcyclohexane	6.043	83	117354	9.549	ug/l		94
40) Benzene	5.008	78	347728	10.493	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039137.D
Acq On : 22 Sep 2025 12:26
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Sep 24 07:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.169	41	45674	9.764	ug/l		90
42) 1,2-Dichloroethane	5.043	62	121437	10.458	ug/l		100
43) Isopropyl Acetate	5.195	43	172880	9.980	ug/l		97
44) Trichloroethene	5.834	130	78943	10.324	ug/l		93
45) 1,2-Dichloropropane	6.092	63	85295	10.355	ug/l		99
46) Dibromomethane	6.230	93	65717	10.424	ug/l		98
47) Bromodichloromethane	6.426	83	139261	10.685	ug/l		97
48) Methyl methacrylate	6.304	41	68465	8.639	ug/l		97
49) 1,4-Dioxane	6.297	88	23699	190.260	ug/l		99
51) 4-Methyl-2-Pentanone	7.150	43	598702	54.051	ug/l		97
52) Toluene	7.310	92	202741	10.552	ug/l		100
53) t-1,3-Dichloropropene	7.580	75	117314	10.329	ug/l		97
54) cis-1,3-Dichloropropene	6.950	75	134529	10.729	ug/l		98
55) 1,1,2-Trichloroethane	7.764	97	89390	10.376	ug/l		98
56) Ethyl methacrylate	7.719	69	95279	9.313	ug/l		99
57) 1,3-Dichloropropane	7.934	76	144218	10.607	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.815	63	220693	46.148	ug/l		99
59) 2-Hexanone	8.066	43	422703	49.020	ug/l		93
60) Dibromochloromethane	8.169	129	101236	10.313	ug/l		97
61) 1,2-Dibromoethane	8.275	107	93182	10.576	ug/l		100
64) Tetrachloroethene	7.899	164	71811	10.397	ug/l		98
65) Chlorobenzene	8.805	112	231329	10.072	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	85678	10.324	ug/l		99
67) Ethyl Benzene	8.937	91	334394	9.618	ug/l		99
68) m/p-Xylenes	9.063	106	270452	20.155	ug/l		99
69) o-Xylene	9.468	106	115922	9.756	ug/l		96
70) Styrene	9.487	104	204368	9.382	ug/l		100
71) Bromoform	9.657	173	65302	10.074	ug/l	#	98
73) Isopropylbenzene	9.857	105	330305	9.827	ug/l		99
74) N-amyl acetate	9.725	43	132108	9.853	ug/l		96
75) 1,1,2,2-Tetrachloroethane	10.165	83	148267	10.067	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	105275	9.977	ug/l		99
77) Bromobenzene	10.143	156	87828	10.071	ug/l		96
78) n-propylbenzene	10.278	91	401316	9.804	ug/l		100
79) 2-Chlorotoluene	10.349	91	255053	10.413	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	270977	9.699	ug/l		98
81) trans-1,4-Dichloro-2-b...	9.931	75	44314	10.082	ug/l		97
82) 4-Chlorotoluene	10.464	91	292863	10.312	ug/l		100
83) tert-Butylbenzene	10.789	119	267528	9.603	ug/l		98
84) 1,2,4-Trimethylbenzene	10.841	105	256505	9.457	ug/l		99
85) sec-Butylbenzene	11.011	105	354312	9.588	ug/l		100
86) p-Isopropyltoluene	11.169	119	300032	9.755	ug/l		99
87) 1,3-Dichlorobenzene	11.108	146	178990	10.141	ug/l		98
88) 1,4-Dichlorobenzene	11.198	146	191843	9.835	ug/l		97
89) n-Butylbenzene	11.580	91	281258	9.575	ug/l		97
90) Hexachloroethane	11.821	117	74910	9.891	ug/l		96
91) 1,2-Dichlorobenzene	11.567	146	162271	9.841	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	27674	10.167	ug/l		98
93) 1,2,4-Trichlorobenzene	13.188	180	85982	9.096	ug/l		98
94) Hexachlorobutadiene	13.368	225	47413	9.653	ug/l		97
95) Naphthalene	13.426	128	267645	8.803	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	90238	9.334	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039137.D
Acq On : 22 Sep 2025 12:26
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Sep 24 07:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

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

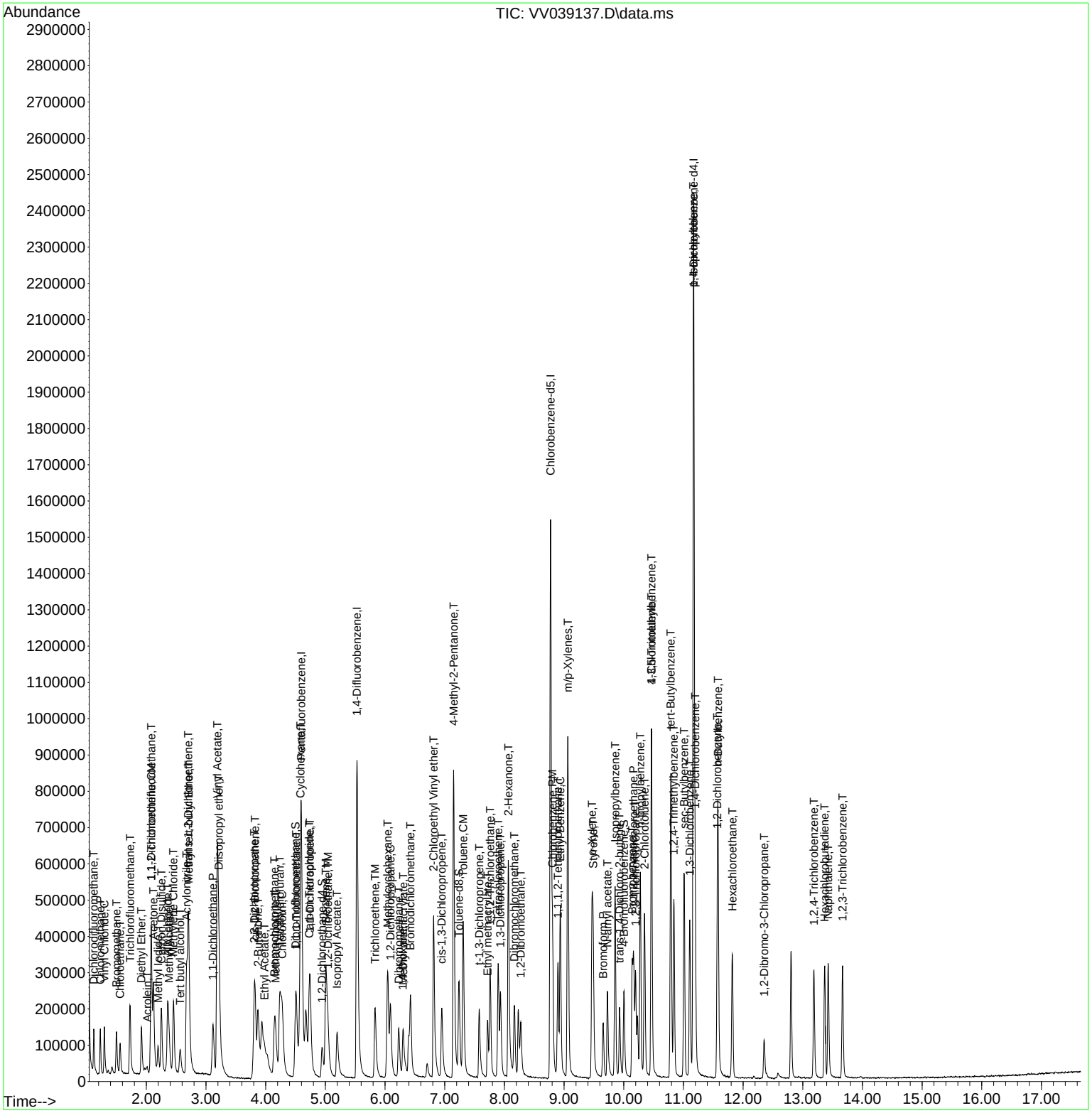
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039137.D
Acq On : 22 Sep 2025 12:26
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Sep 24 07:21:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039138.D
Acq On : 22 Sep 2025 12:48
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Sep 24 07:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	545775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	880963	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	860340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	509460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	144689	18.317	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	36.640%#		
35) Dibromofluoromethane	4.503	113	134662	19.014	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	38.020%#		
50) Toluene-d8	7.236	98	384827	18.501	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	37.000%#		
62) 4-Bromofluorobenzene	10.002	95	163597	19.105	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	38.220%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	165175	19.118	ug/l	96
3) Chloromethane	1.230	50	177694	19.159	ug/l	99
4) Vinyl Chloride	1.298	62	186887	18.822	ug/l	99
5) Bromomethane	1.500	94	119578	19.104	ug/l	98
6) Chloroethane	1.561	64	124021	19.935	ug/l	99
7) Trichlorofluoromethane	1.729	101	273532	19.027	ug/l	100
8) Diethyl Ether	1.921	74	100661	18.862	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.085	101	159719	18.673	ug/l	99
10) Methyl Iodide	2.198	142	161932	19.880	ug/l	99
11) Tert butyl alcohol	2.568	59	171137	102.509	ug/l	98
12) 1,1-Dichloroethene	2.085	96	157427	19.131	ug/l	97
13) Acrolein	2.011	56	29609	102.210	ug/l	97
14) Allyl chloride	2.359	41	280200	19.062	ug/l	99
15) Acrylonitrile	2.674	53	504022	94.179	ug/l	99
16) Acetone	2.121	43	499669	95.756	ug/l	99
17) Carbon Disulfide	2.253	76	476229	18.923	ug/l	100
18) Methyl Acetate	2.381	43	226208	19.328	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	498918	19.027	ug/l	99
20) Methylene Chloride	2.458	84	185050	20.143	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	164898	18.823	ug/l	97
22) Diisopropyl ether	3.217	45	552331	19.640	ug/l	83
23) Vinyl Acetate	3.191	43	2445787	99.414	ug/l	100
24) 1,1-Dichloroethane	3.118	63	320146	18.615	ug/l	99
25) 2-Butanone	3.870	43	637413	102.519	ug/l	100
26) 2,2-Dichloropropane	3.812	77	278362	18.326	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	183867	19.031	ug/l	98
28) Bromochloromethane	4.146	49	164406	21.654	ug/l	99
29) Tetrahydrofuran	4.240	42	405777	102.491	ug/l	99
30) Chloroform	4.281	83	342700	19.083	ug/l	99
31) Cyclohexane	4.587	56	266753	18.934	ug/l	98
32) 1,1,1-Trichloroethane	4.516	97	288341	18.546	ug/l	99
36) 1,1-Dichloropropene	4.748	75	212835	19.734	ug/l	99
37) Ethyl Acetate	3.979	43	260591	19.696	ug/l	97
38) Carbon Tetrachloride	4.735	117	250103	19.252	ug/l	98
39) Methylcyclohexane	6.047	83	253693	19.619	ug/l	95
40) Benzene	5.011	78	697141	19.994	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039138.D
Acq On : 22 Sep 2025 12:48
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Sep 24 07:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.169	41	102755	18.721	ug/l		95
42) 1,2-Dichloroethane	5.043	62	244487	20.012	ug/l		99
43) Isopropyl Acetate	5.195	43	362512	19.889	ug/l		98
44) Trichloroethene	5.831	130	160692	19.972	ug/l		96
45) 1,2-Dichloropropane	6.092	63	182757	21.087	ug/l		96
46) Dibromomethane	6.227	93	129319	19.495	ug/l		98
47) Bromodichloromethane	6.429	83	269262	19.635	ug/l		97
48) Methyl methacrylate	6.301	41	158251	18.977	ug/l		99
49) 1,4-Dioxane	6.294	88	47860	365.172	ug/l	#	85
51) 4-Methyl-2-Pentanone	7.150	43	1296796	111.268	ug/l		98
52) Toluene	7.310	92	422367	20.892	ug/l		100
53) t-1,3-Dichloropropene	7.577	75	245181	20.516	ug/l		98
54) cis-1,3-Dichloropropene	6.950	75	273906	20.761	ug/l		100
55) 1,1,2-Trichloroethane	7.760	97	176812	19.505	ug/l		98
56) Ethyl methacrylate	7.719	69	212320	19.723	ug/l		97
57) 1,3-Dichloropropane	7.934	76	291304	20.363	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.815	63	536254	94.274	ug/l		99
59) 2-Hexanone	8.066	43	940265	101.225	ug/l		98
60) Dibromochloromethane	8.169	129	200793	19.440	ug/l		99
61) 1,2-Dibromoethane	8.275	107	189555	20.447	ug/l		99
64) Tetrachloroethene	7.899	164	141876	19.688	ug/l		99
65) Chlorobenzene	8.805	112	470841	19.648	ug/l		97
66) 1,1,1,2-Tetrachloroethane	8.899	131	167936	19.395	ug/l		99
67) Ethyl Benzene	8.937	91	737391	20.328	ug/l		99
68) m/p-Xylenes	9.063	106	607362	43.381	ug/l		99
69) o-Xylene	9.468	106	255212	20.587	ug/l		100
70) Styrene	9.487	104	475382	19.022	ug/l		99
71) Bromoform	9.654	173	132242	19.552	ug/l		98
73) Isopropylbenzene	9.857	105	741305	20.062	ug/l		99
74) N-amyl acetate	9.725	43	306963	20.826	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	297741	18.390	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	213532	18.409	ug/l		99
77) Bromobenzene	10.140	156	187188	19.525	ug/l		96
78) n-propylbenzene	10.278	91	905281	20.118	ug/l		99
79) 2-Chlorotoluene	10.349	91	547836	20.346	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	640175	20.843	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.928	75	91848	19.009	ug/l		96
82) 4-Chlorotoluene	10.461	91	655427	20.993	ug/l		99
83) tert-Butylbenzene	10.789	119	587151	19.172	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	631679	21.185	ug/l		100
85) sec-Butylbenzene	11.011	105	808869	19.912	ug/l		99
86) p-Isopropyltoluene	11.165	119	682814	20.196	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	374208	19.287	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	397526	18.539	ug/l		100
89) n-Butylbenzene	11.580	91	640044	19.822	ug/l		99
90) Hexachloroethane	11.818	117	150843	18.118	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	336566	18.567	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	57671	19.989	ug/l		98
93) 1,2,4-Trichlorobenzene	13.185	180	196334	18.894	ug/l		99
94) Hexachlorobutadiene	13.368	225	96610	17.893	ug/l		98
95) Naphthalene	13.426	128	634557	18.986	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	198308	18.659	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039138.D
Acq On : 22 Sep 2025 12:48
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Sep 24 07:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

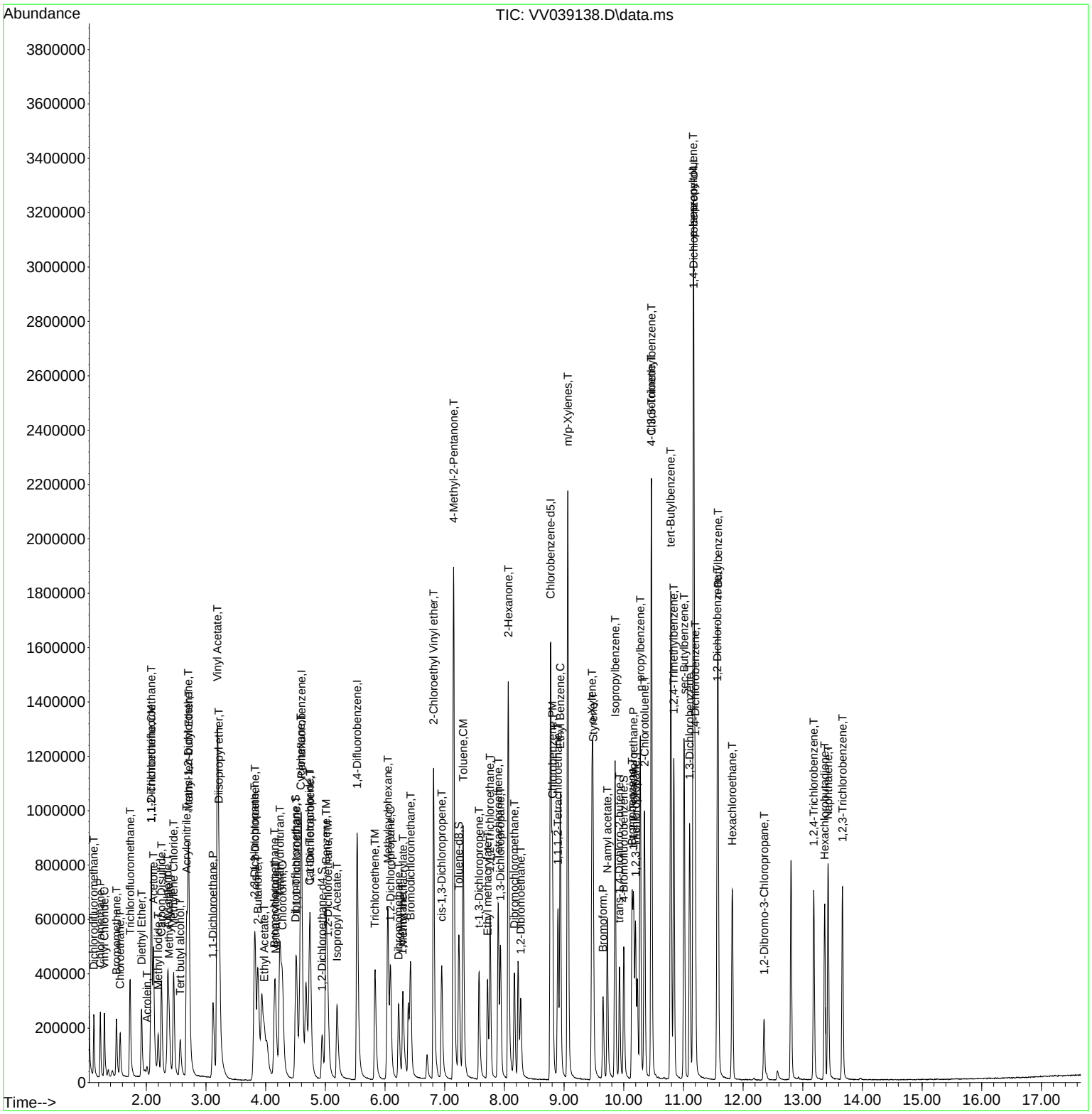
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039138.D
Acq On : 22 Sep 2025 12:48
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Sep 24 07:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039139.D
Acq On : 22 Sep 2025 13:26
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Sep 24 07:23:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	563410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	894173	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	863906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	516167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	363821	44.618	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 89.240%			
35) Dibromofluoromethane	4.497	113	337386	46.935	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.860%			
50) Toluene-d8	7.233	98	1016135	48.130	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.260%			
62) 4-Bromofluorobenzene	9.998	95	453081	52.130	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 104.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	416798	46.733	ug/l	100
3) Chloromethane	1.230	50	433999	45.329	ug/l	100
4) Vinyl Chloride	1.298	62	470936	45.944	ug/l	100
5) Bromomethane	1.494	94	286332	44.312	ug/l	100
6) Chloroethane	1.558	64	300232	49.734	ug/l	100
7) Trichlorofluoromethane	1.725	101	672325	45.304	ug/l	100
8) Diethyl Ether	1.918	74	251813	45.707	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	395615	44.803	ug/l	100
10) Methyl Iodide	2.195	142	442822	52.662	ug/l	100
11) Tert butyl alcohol	2.564	59	385746	223.826	ug/l	100
12) 1,1-Dichloroethene	2.082	96	379710	44.700	ug/l	100
13) Acrolein	2.008	56	74486	249.076	ug/l	100
14) Allyl chloride	2.355	41	700342	46.154	ug/l	100
15) Acrylonitrile	2.671	53	1228907	222.439	ug/l	100
16) Acetone	2.118	43	1265424	251.263	ug/l	100
17) Carbon Disulfide	2.253	76	1172348	45.126	ug/l	100
18) Methyl Acetate	2.378	43	553676	45.827	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1258060	46.476	ug/l	100
20) Methylene Chloride	2.455	84	439142	49.828	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	407938	45.109	ug/l	100
22) Diisopropyl ether	3.214	45	1419527	48.895	ug/l	100
23) Vinyl Acetate	3.185	43	6209687	244.506	ug/l	100
24) 1,1-Dichloroethane	3.114	63	781832	44.037	ug/l	100
25) 2-Butanone	3.860	43	1650213	257.105	ug/l	100
26) 2,2-Dichloropropane	3.806	77	698283	44.534	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	488972	49.026	ug/l	100
28) Bromochloromethane	4.143	49	382640	48.820	ug/l	100
29) Tetrahydrofuran	4.230	42	1039169	254.258	ug/l	100
30) Chloroform	4.275	83	839217	45.268	ug/l	100
31) Cyclohexane	4.580	56	701482	48.232	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	731030	45.547	ug/l	100
36) 1,1-Dichloropropene	4.741	75	554798	50.680	ug/l	100
37) Ethyl Acetate	3.970	43	638131	47.519	ug/l	100
38) Carbon Tetrachloride	4.732	117	628516	47.666	ug/l	100
39) Methylcyclohexane	6.043	83	736231	56.095	ug/l	100
40) Benzene	5.005	78	1779301	50.276	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039139.D
Acq On : 22 Sep 2025 13:26
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Sep 24 07:23:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	295316	49.541	ug/l	100
42) 1,2-Dichloroethane	5.037	62	595216	48.000	ug/l	100
43) Isopropyl Acetate	5.188	43	956288	51.691	ug/l	100
44) Trichloroethene	5.828	130	414171	50.715	ug/l	100
45) 1,2-Dichloropropane	6.085	63	448750	51.014	ug/l	100
46) Dibromomethane	6.220	93	329073	48.876	ug/l	100
47) Bromodichloromethane	6.423	83	673646	48.398	ug/l	100
48) Methyl methacrylate	6.291	41	450230	53.193	ug/l	100
49) 1,4-Dioxane	6.288	88	133834	1006.069	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	3273840	276.753	ug/l	100
52) Toluene	7.304	92	1099325	53.574	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	650976	53.666	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	725015	54.142	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	441822	48.020	ug/l	100
56) Ethyl methacrylate	7.712	69	640636	58.632	ug/l	100
57) 1,3-Dichloropropane	7.931	76	733341	50.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1579407	255.700	ug/l	100
59) 2-Hexanone	8.059	43	2441880	255.630	ug/l	100
60) Dibromochloromethane	8.165	129	507043	48.365	ug/l	100
61) 1,2-Dibromoethane	8.272	107	473037	50.273	ug/l	100
64) Tetrachloroethene	7.895	164	356209	49.227	ug/l	100
65) Chlorobenzene	8.802	112	1194769	49.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	421762	48.507	ug/l	100
67) Ethyl Benzene	8.934	91	2057558	56.487	ug/l	100
68) m/p-Xylenes	9.059	106	1639130	116.591	ug/l	100
69) o-Xylene	9.468	106	730558	58.688	ug/l	100
70) Styrene	9.484	104	1341298	50.845	ug/l	100
71) Bromoform	9.651	173	341871	50.337	ug/l	100
73) Isopropylbenzene	9.854	105	2033373	54.313	ug/l	100
74) N-amyl acetate	9.722	43	863632	57.833	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	735590	44.844	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	541552	46.080	ug/l	100
77) Bromobenzene	10.140	156	477608	49.171	ug/l	100
78) n-propylbenzene	10.275	91	2528458	55.461	ug/l	100
79) 2-Chlorotoluene	10.345	91	1462530	53.612	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1748435	56.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	255259	52.143	ug/l	100
82) 4-Chlorotoluene	10.461	91	1722899	54.466	ug/l	100
83) tert-Butylbenzene	10.789	119	1663245	53.602	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1743425	57.709	ug/l	100
85) sec-Butylbenzene	11.011	105	2252781	54.737	ug/l	100
86) p-Isopropyltoluene	11.165	119	1900412	55.479	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	958701	48.769	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	998426	45.957	ug/l	100
89) n-Butylbenzene	11.577	91	1864844	57.003	ug/l	100
90) Hexachloroethane	11.818	117	375818	44.553	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	897135	48.848	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	147329	49.928	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	555323	52.747	ug/l	100
94) Hexachlorobutadiene	13.368	225	247695	45.279	ug/l	100
95) Naphthalene	13.423	128	1968567	58.135	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	571563	53.081	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039139.D
Acq On : 22 Sep 2025 13:26
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Sep 24 07:23:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

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

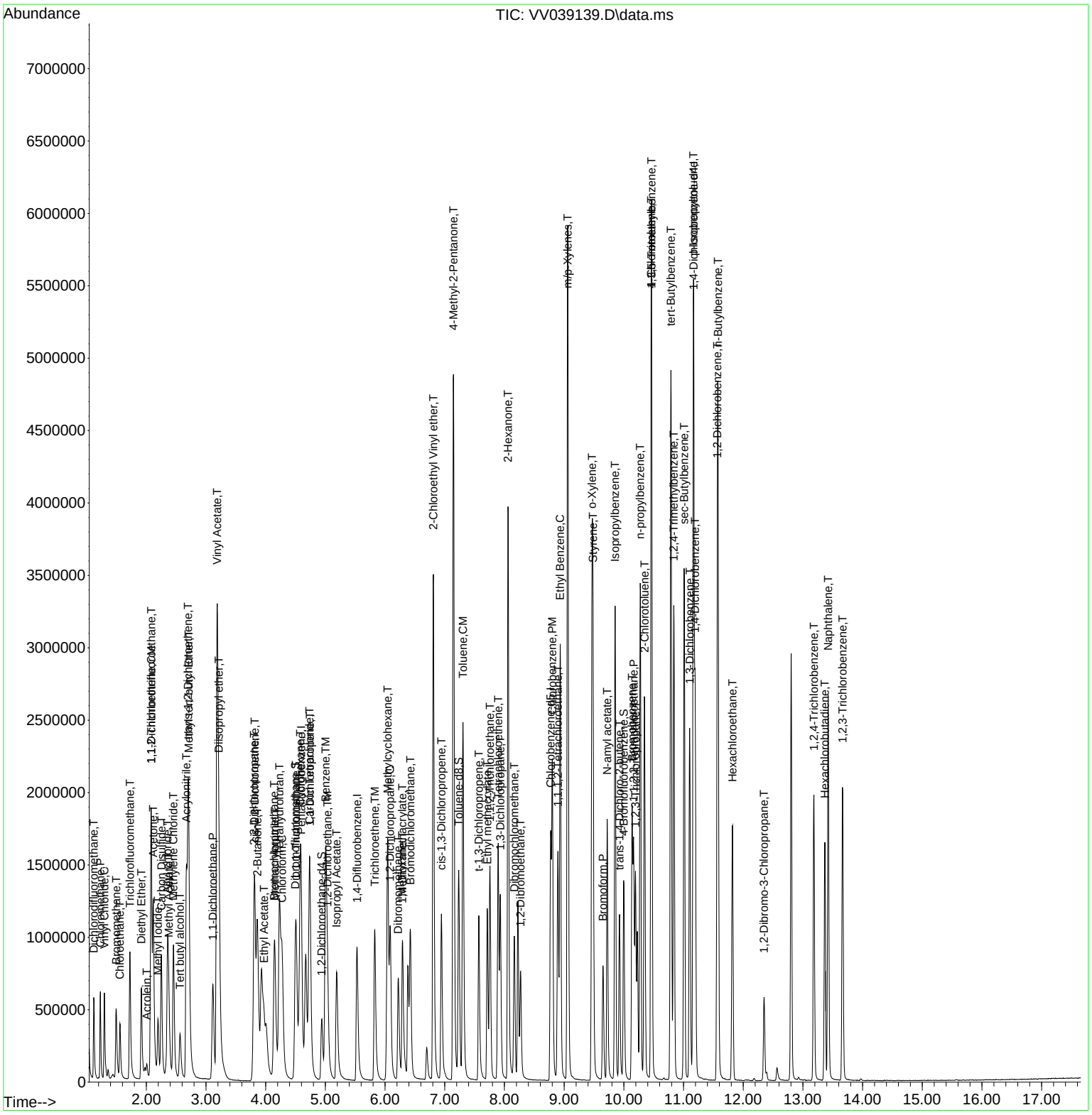
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039139.D
Acq On : 22 Sep 2025 13:26
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Sep 24 07:23:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039140.D
Acq On : 22 Sep 2025 13:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Sep 24 07:24:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	587274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	935392	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	904902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	523452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	725543	85.362	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 170.720%#			
35) Dibromofluoromethane	4.500	113	674408	89.684	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 179.360%#			
50) Toluene-d8	7.236	98	2052477	92.932	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 185.860%#			
62) 4-Bromofluorobenzene	9.998	95	937505	103.112	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 206.220%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	820676	88.278	ug/l	99
3) Chloromethane	1.230	50	856347	85.806	ug/l	98
4) Vinyl Chloride	1.298	62	940694	88.044	ug/l	99
5) Bromomethane	1.487	94	615924	91.446	ug/l	99
6) Chloroethane	1.555	64	587651	100.067	ug/l	99
7) Trichlorofluoromethane	1.722	101	1351410	87.363	ug/l	99
8) Diethyl Ether	1.918	74	511033	88.990	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	806216	87.593	ug/l	98
10) Methyl Iodide	2.195	142	931666	106.294	ug/l	100
11) Tert butyl alcohol	2.574	59	798702	444.608	ug/l	99
12) 1,1-Dichloroethene	2.079	96	778436	87.914	ug/l	98
13) Acrolein	2.008	56	160749	515.691	ug/l	99
14) Allyl chloride	2.355	41	1418889	89.708	ug/l	99
15) Acrylonitrile	2.674	53	2509475	435.771	ug/l	100
16) Acetone	2.118	43	2432444	499.795	ug/l	100
17) Carbon Disulfide	2.253	76	2332239	86.125	ug/l	99
18) Methyl Acetate	2.378	43	1142900	90.753	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	2586428	91.667	ug/l	99
20) Methylene Chloride	2.455	84	870955	100.038	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	817275	86.701	ug/l	98
22) Diisopropyl ether	3.217	45	2857568	94.428	ug/l	94
23) Vinyl Acetate	3.188	43	12498986	472.148	ug/l	99
24) 1,1-Dichloroethane	3.117	63	1560774	84.338	ug/l	99
25) 2-Butanone	3.863	43	3404031	508.801	ug/l	99
26) 2,2-Dichloropropane	3.812	77	1414724	86.559	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	1010617	97.210	ug/l	99
28) Bromochloromethane	4.146	49	748549	91.624	ug/l	98
29) Tetrahydrofuran	4.233	42	2198745	516.116	ug/l	99
30) Chloroform	4.278	83	1682895	87.087	ug/l	98
31) Cyclohexane	4.580	56	1473260	97.182	ug/l	97
32) 1,1,1-Trichloroethane	4.513	97	1483938	88.700	ug/l	99
36) 1,1-Dichloropropene	4.741	75	1144520	99.944	ug/l	100
37) Ethyl Acetate	3.973	43	1328655	94.580	ug/l	98
38) Carbon Tetrachloride	4.735	117	1263028	91.566	ug/l	100
39) Methylcyclohexane	6.047	83	1603169	116.766	ug/l	98
40) Benzene	5.008	78	3611886	97.560	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039140.D
Acq On : 22 Sep 2025 13:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Sep 24 07:24:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	639301	100.494	ug/l	99
42) 1,2-Dichloroethane	5.037	62	1202991	92.737	ug/l	100
43) Isopropyl Acetate	5.191	43	2058622	106.372	ug/l	100
44) Trichloroethene	5.828	130	849813	99.474	ug/l	97
45) 1,2-Dichloropropane	6.088	63	909288	98.813	ug/l	95
46) Dibromomethane	6.220	93	661336	93.898	ug/l	98
47) Bromodichloromethane	6.426	83	1355845	93.118	ug/l	99
48) Methyl methacrylate	6.294	41	984431	111.182	ug/l	99
49) 1,4-Dioxane	6.288	88	304943	2191.331	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	6674594	539.372	ug/l	99
52) Toluene	7.307	92	2271340	105.813	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	1408125	110.970	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	1501380	107.178	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	897804	93.280	ug/l	99
56) Ethyl methacrylate	7.712	69	1424432	124.621	ug/l	99
57) 1,3-Dichloropropane	7.931	76	1501225	98.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	3282267	498.705	ug/l	100
59) 2-Hexanone	8.063	43	4988835	497.186	ug/l	99
60) Dibromochloromethane	8.165	129	1044126	95.206	ug/l	99
61) 1,2-Dibromoethane	8.272	107	960914	97.622	ug/l	98
64) Tetrachloroethene	7.895	164	736462	97.167	ug/l	97
65) Chlorobenzene	8.802	112	2457021	97.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.895	131	863523	94.816	ug/l	100
67) Ethyl Benzene	8.934	91	4376266	114.700	ug/l	100
68) m/p-Xylenes	9.059	106	3396653	230.657	ug/l	100
69) o-Xylene	9.468	106	1592963	122.170	ug/l	98
70) Styrene	9.484	104	2781887	99.832	ug/l	100
71) Bromoform	9.651	173	724467	101.838	ug/l	99
73) Isopropylbenzene	9.854	105	4288139	112.946	ug/l	100
74) N-amyl acetate	9.722	43	1846779	121.948	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1453989	87.406	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	1070580	89.827	ug/l	95
77) Bromobenzene	10.140	156	993863	100.897	ug/l	99
78) n-propylbenzene	10.278	91	5220220	112.910	ug/l	99
79) 2-Chlorotoluene	10.345	91	3018051	109.093	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	3638030	115.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	545452	109.871	ug/l	97
82) 4-Chlorotoluene	10.461	91	3573507	111.396	ug/l	100
83) tert-Butylbenzene	10.789	119	3572813	113.541	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3601355	117.550	ug/l	100
85) sec-Butylbenzene	11.011	105	4763689	114.135	ug/l	100
86) p-Isopropyltoluene	11.165	119	3948556	113.666	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1970594	98.849	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	2008676	91.172	ug/l	99
89) n-Butylbenzene	11.577	91	3939852	118.754	ug/l	99
90) Hexachloroethane	11.818	117	776688	90.794	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	1886394	101.282	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	316446	100.015	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	1244510	116.564	ug/l	100
94) Hexachlorobutadiene	13.368	225	524789	94.597	ug/l	99
95) Naphthalene	13.423	128	4442612	129.371	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	1246406	114.143	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039140.D
Acq On : 22 Sep 2025 13:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Sep 24 07:24:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

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

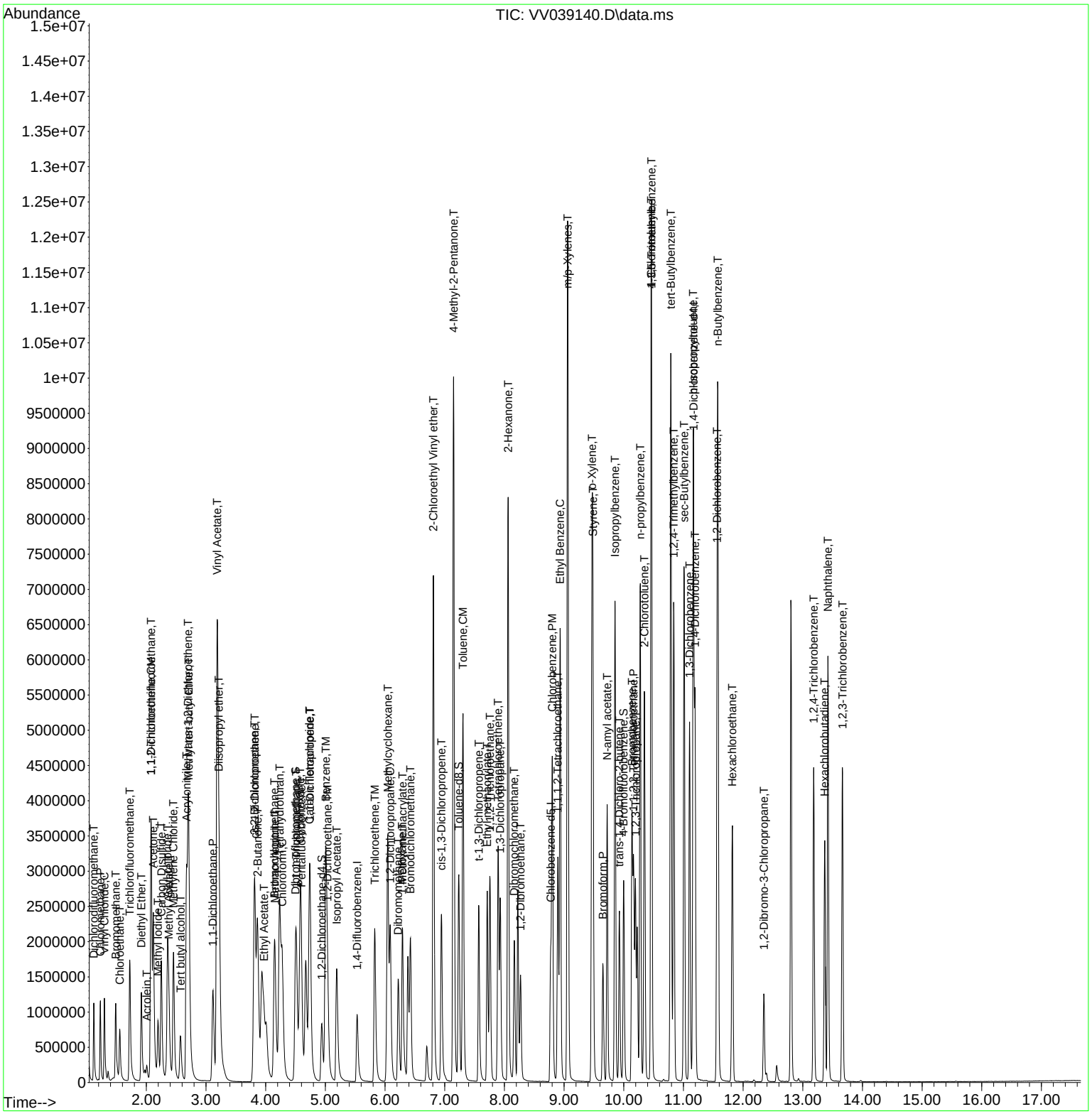
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039140.D
Acq On : 22 Sep 2025 13:49
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Sep 24 07:24:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039142.D
Acq On : 22 Sep 2025 15:37
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 07:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	492799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	835334	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	807740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	425480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	45267	6.347	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 12.700%#			
35) Dibromofluoromethane	4.503	113	37959	5.653	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 11.300%#			
50) Toluene-d8	7.239	98	117860	5.976	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 11.960%#			
62) 4-Bromofluorobenzene	10.008	95	39819	4.904	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 9.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	38031	4.875	ug/l	93
3) Chloromethane	1.230	50	43830	5.234	ug/l	97
4) Vinyl Chloride	1.298	62	45941	5.124	ug/l	99
5) Bromomethane	1.494	94	32301	5.715	ug/l	100
6) Chloroethane	1.558	64	29857	4.506	ug/l	93
7) Trichlorofluoromethane	1.725	101	67248	5.181	ug/l	100
8) Diethyl Ether	1.918	74	25304	5.251	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	39608	5.128	ug/l	99
10) Methyl Iodide	2.195	142	31463	4.278	ug/l	95
11) Tert butyl alcohol	2.571	59	40994	27.195	ug/l	97
12) 1,1-Dichloroethene	2.082	96	38859	5.230	ug/l	96
13) Acrolein	2.015	56	6095	23.302	ug/l	98
14) Allyl chloride	2.355	41	70683	5.326	ug/l	96
15) Acrylonitrile	2.677	53	128729	26.639	ug/l	99
16) Acetone	2.121	43	140190	26.199	ug/l	98
17) Carbon Disulfide	2.253	76	121350	5.340	ug/l	99
18) Methyl Acetate	2.381	43	54053	5.115	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	125944	5.319	ug/l	96
20) Methylene Chloride	2.455	84	54859	5.252	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	41151	5.202	ug/l	98
22) Diisopropyl ether	3.217	45	126181	4.969	ug/l #	64
23) Vinyl Acetate	3.191	43	570043	25.661	ug/l	99
24) 1,1-Dichloroethane	3.117	63	81764	5.265	ug/l	96
25) 2-Butanone	3.879	43	140360	25.002	ug/l	99
26) 2,2-Dichloropropane	3.812	77	68656	5.006	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	40984	4.698	ug/l	88
28) Bromochloromethane	4.153	49	25874	3.774	ug/l	97
29) Tetrahydrofuran	4.243	42	86190	24.110	ug/l	94
30) Chloroform	4.281	83	86066	5.308	ug/l	99
31) Cyclohexane	4.580	56	69326	5.450	ug/l #	94
32) 1,1,1-Trichloroethane	4.513	97	74539	5.310	ug/l	95
36) 1,1-Dichloropropene	4.744	75	44786	4.379	ug/l	99
37) Ethyl Acetate	3.995	43	60285	4.805	ug/l #	73
38) Carbon Tetrachloride	4.732	117	61498	4.992	ug/l	96
39) Methylcyclohexane	6.047	83	56805	4.633	ug/l	92
40) Benzene	5.014	78	163948	4.959	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039142.D
Acq On : 22 Sep 2025 15:37
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 07:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.188	41	17959	4.995	ug/l	#	86
42) 1,2-Dichloroethane	5.047	62	57857	4.994	ug/l		96
43) Isopropyl Acetate	5.204	43	77935	4.509	ug/l	#	93
44) Trichloroethene	5.838	130	38395	5.033	ug/l		89
45) 1,2-Dichloropropane	6.098	63	39327	4.786	ug/l		100
46) Dibromomethane	6.233	93	31863	5.066	ug/l		98
47) Bromodichloromethane	6.429	83	64039	4.925	ug/l		95
48) Methyl methacrylate	6.313	41	29705	3.757	ug/l		93
49) 1,4-Dioxane	6.307	88	8999	72.413	ug/l	#	79
51) 4-Methyl-2-Pentanone	7.153	43	255889	23.155	ug/l		99
52) Toluene	7.313	92	94414	4.925	ug/l		99
53) t-1,3-Dichloropropene	7.583	75	53878	4.755	ug/l		94
54) cis-1,3-Dichloropropene	6.957	75	58800	4.700	ug/l		98
55) 1,1,2-Trichloroethane	7.764	97	43788	5.094	ug/l		99
56) Ethyl methacrylate	7.722	69	42598	4.173	ug/l		97
57) 1,3-Dichloropropane	7.937	76	63818	4.705	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.818	63	81984	23.077	ug/l		100
59) 2-Hexanone	8.069	43	179185	22.071	ug/l		88
60) Dibromochloromethane	8.169	129	49953	5.100	ug/l		96
61) 1,2-Dibromoethane	8.278	107	44729	5.088	ug/l		98
64) Tetrachloroethene	7.899	164	34795	5.143	ug/l		98
65) Chlorobenzene	8.805	112	114424	5.086	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.899	131	40690	5.005	ug/l		95
67) Ethyl Benzene	8.940	91	157790	4.633	ug/l		97
68) m/p-Xylenes	9.066	106	115177	8.762	ug/l		98
69) o-Xylene	9.471	106	51281	4.406	ug/l		100
70) Styrene	9.490	104	83873	4.836	ug/l		96
71) Bromoform	9.657	173	31133	4.903	ug/l	#	97
73) Isopropylbenzene	9.857	105	140251	4.545	ug/l		99
74) N-amyl acetate	9.731	43	54436	4.422	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.165	83	71656	5.299	ug/l		99
76) 1,2,3-Trichloropropane	10.201	75	51079m	5.273	ug/l		
77) Bromobenzene	10.146	156	39428	4.924	ug/l		95
78) n-propylbenzene	10.281	91	168794	4.492	ug/l		99
79) 2-Chlorotoluene	10.349	91	110002	4.892	ug/l		99
80) 1,3,5-Trimethylbenzene	10.468	105	114749	4.474	ug/l		98
81) trans-1,4-Dichloro-2-b...	9.934	75	18154	4.499	ug/l		90
82) 4-Chlorotoluene	10.468	91	122429	4.695	ug/l		99
83) tert-Butylbenzene	10.789	119	117310	4.586	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	108157	4.343	ug/l		96
85) sec-Butylbenzene	11.014	105	153526	4.525	ug/l		99
86) p-Isopropyltoluene	11.169	119	127377	4.511	ug/l		98
87) 1,3-Dichlorobenzene	11.111	146	82673	5.102	ug/l		98
88) 1,4-Dichlorobenzene	11.198	146	91001	5.082	ug/l		94
89) n-Butylbenzene	11.583	91	119822	4.443	ug/l		96
90) Hexachloroethane	11.818	117	35762	5.143	ug/l		95
91) 1,2-Dichlorobenzene	11.570	146	76477	5.052	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	14163	5.211	ug/l		92
93) 1,2,4-Trichlorobenzene	13.191	180	39775	4.583	ug/l		100
94) Hexachlorobutadiene	13.368	225	22549	5.001	ug/l		98
95) Naphthalene	13.429	128	113395	4.062	ug/l		99
96) 1,2,3-Trichlorobenzene	13.670	180	38315	4.317	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039142.D
Acq On : 22 Sep 2025 15:37
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 24 07:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 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

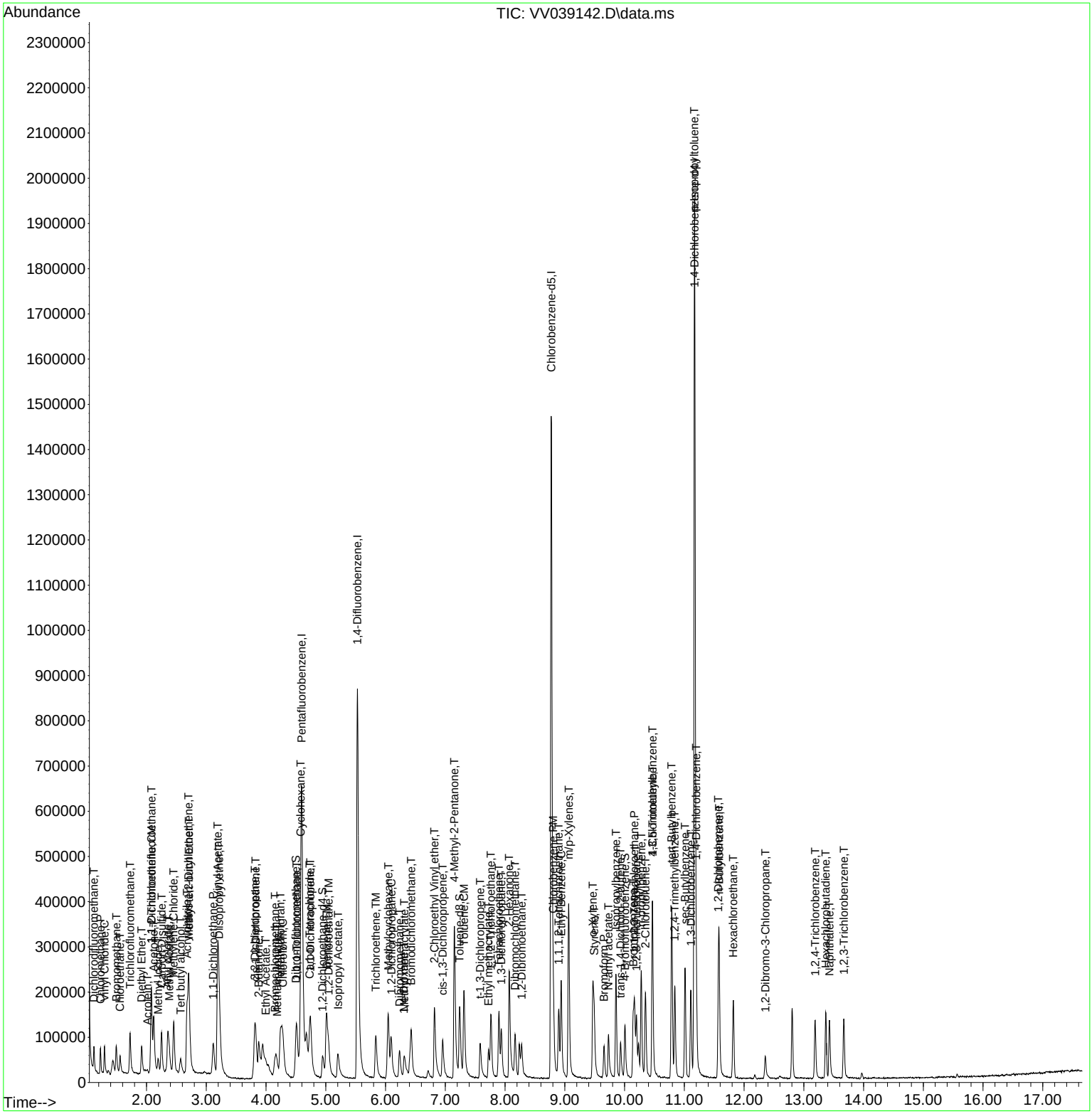
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039142.D
Acq On : 22 Sep 2025 15:37
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 07:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039143.D
Acq On : 22 Sep 2025 16:35
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 07:26:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	406498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	735855	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	700418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	322677	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 81 - 118		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 80 - 119		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 89 - 112		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 85 - 114		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	7593	1.180	ug/l	98
3) Chloromethane	1.230	50	7695	1.114	ug/l	99
4) Vinyl Chloride	1.297	62	8342	1.128	ug/l	98
6) Chloroethane	1.564	64	7440	0.673	ug/l	96
7) Trichlorofluoromethane	1.725	101	12570	1.174	ug/l	85
8) Diethyl Ether	1.921	74	4650	1.170	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.082	101	7630	1.198	ug/l	96
12) 1,1-Dichloroethene	2.085	96	7094	1.157	ug/l #	66
14) Allyl chloride	2.362	41	12383	1.131	ug/l	97
15) Acrylonitrile	2.683	53	23873	5.989	ug/l	96
16) Acetone	2.127	43	28927	3.224	ug/l	96
17) Carbon Disulfide	2.256	76	21708	1.158	ug/l	98
18) Methyl Acetate	2.391	43	9742	1.118	ug/l	98
19) Methyl tert-butyl Ether	2.715	73	21063	1.078	ug/l #	89
20) Methylene Chloride	2.458	84	16152	0.632	ug/l	90
21) trans-1,2-Dichloroethene	2.709	96	7797	1.195	ug/l	92
22) Diisopropyl ether	3.220	45	21620	1.032	ug/l #	34
23) Vinyl Acetate	3.204	43	91192	4.977	ug/l	99
24) 1,1-Dichloroethane	3.121	63	15790	1.233	ug/l #	94
25) 2-Butanone	3.921	43	22515m	4.862	ug/l	
26) 2,2-Dichloropropane	3.815	77	15492m	1.369	ug/l	
27) cis-1,2-Dichloroethene	3.834	96	8138	1.131	ug/l	91
28) Bromochloromethane	4.162	49	6039	1.068	ug/l #	53
29) Tetrahydrofuran	4.262	42	13621	4.619	ug/l #	65
30) Chloroform	4.288	83	15288	1.143	ug/l	96
32) 1,1,1-Trichloroethane	4.519	97	12926	1.116	ug/l	93
36) 1,1-Dichloropropene	4.764	75	9572m	1.063	ug/l	
37) Ethyl Acetate	4.030	43	12136m	1.098	ug/l	
38) Carbon Tetrachloride	4.735	117	13098m	1.207	ug/l	
39) Methylcyclohexane	6.050	83	9159	0.848	ug/l	91
40) Benzene	5.027	78	28487	0.978	ug/l	98
41) Methacrylonitrile	4.223	41	2717m	2.427	ug/l	
42) 1,2-Dichloroethane	5.059	62	10892	1.067	ug/l	95
43) Isopropyl Acetate	5.236	43	12786m	0.840	ug/l	
44) Trichloroethene	5.850	130	6408	0.953	ug/l	84
45) 1,2-Dichloropropane	6.104	63	6838	0.945	ug/l	93

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039143.D
Acq On : 22 Sep 2025 16:35
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 07:26:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	6.249	93	5835	1.053	ug/l		89
47) Bromodichloromethane	6.439	83	12206	1.066	ug/l	#	90
48) Methyl methacrylate	6.371	41	7232m	1.038	ug/l		
49) 1,4-Dioxane	6.333	88	2721m	24.855	ug/l		
51) 4-Methyl-2-Pentanone	7.165	43	33797	3.472	ug/l		96
52) Toluene	7.326	92	13265	0.786	ug/l		87
53) t-1,3-Dichloropropene	7.606	75	8060	0.807	ug/l		90
54) cis-1,3-Dichloropropene	6.973	75	8754	0.794	ug/l	#	93
55) 1,1,2-Trichloroethane	7.776	97	8140	1.075	ug/l		91
56) Ethyl methacrylate	7.747	69	7455m	0.829	ug/l		
57) 1,3-Dichloropropane	7.956	76	11732	0.982	ug/l		94
58) 2-Chloroethyl Vinyl ether	6.841	63	10011	11.289	ug/l		98
59) 2-Hexanone	8.091	43	17015	4.307	ug/l		98
60) Dibromochloromethane	8.172	129	9122	1.057	ug/l		87
61) 1,2-Dibromoethane	8.288	107	7129	0.921	ug/l		90
64) Tetrachloroethene	7.899	164	5814	0.991	ug/l		90
65) Chlorobenzene	8.812	112	20007	1.025	ug/l	#	88
66) 1,1,1,2-Tetrachloroethane	8.902	131	7603	1.079	ug/l	#	61
67) Ethyl Benzene	8.947	91	24171	0.818	ug/l		94
68) m/p-Xylenes	9.072	106	16239	1.425	ug/l		98
69) o-Xylene	9.477	106	7250	0.718	ug/l		79
70) Styrene	9.503	104	11594	2.083	ug/l	#	80
71) Bromoform	9.667	173	5558	1.009	ug/l	#	94
73) Isopropylbenzene	9.860	105	20820	0.890	ug/l		98
74) N-amyl acetate	9.747	43	6654	0.713	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	10.169	83	12746	1.243	ug/l		95
76) 1,2,3-Trichloropropane	10.207	75	8871	1.207	ug/l		100
77) Bromobenzene	10.159	156	6311	1.039	ug/l		93
78) n-propylbenzene	10.284	91	24996	0.877	ug/l		96
79) 2-Chlorotoluene	10.355	91	13640	0.800	ug/l		89
80) 1,3,5-Trimethylbenzene	10.471	105	15886	0.817	ug/l		96
82) 4-Chlorotoluene	10.474	91	15363	0.777	ug/l		91
83) tert-Butylbenzene	10.789	119	18552	0.956	ug/l		99
84) 1,2,4-Trimethylbenzene	10.847	105	15048	0.797	ug/l		95
85) sec-Butylbenzene	11.014	105	23268	0.904	ug/l		98
86) p-Isopropyltoluene	11.168	119	18549	0.866	ug/l		86
87) 1,3-Dichlorobenzene	11.117	146	12747	1.037	ug/l		97
88) 1,4-Dichlorobenzene	11.201	146	16279m	1.199	ug/l		
89) n-Butylbenzene	11.586	91	17079	0.835	ug/l		94
90) Hexachloroethane	11.818	117	6736	1.277	ug/l		94
91) 1,2-Dichlorobenzene	11.577	146	12486	1.088	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.361	75	3071	0.690	ug/l		75
93) 1,2,4-Trichlorobenzene	13.197	180	6637	1.008	ug/l		99
94) Hexachlorobutadiene	13.368	225	4406	1.288	ug/l		95
95) Naphthalene	13.438	128	19706m	0.931	ug/l		
96) 1,2,3-Trichlorobenzene	13.676	180	7184	1.067	ug/l		97

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

ICAL Form

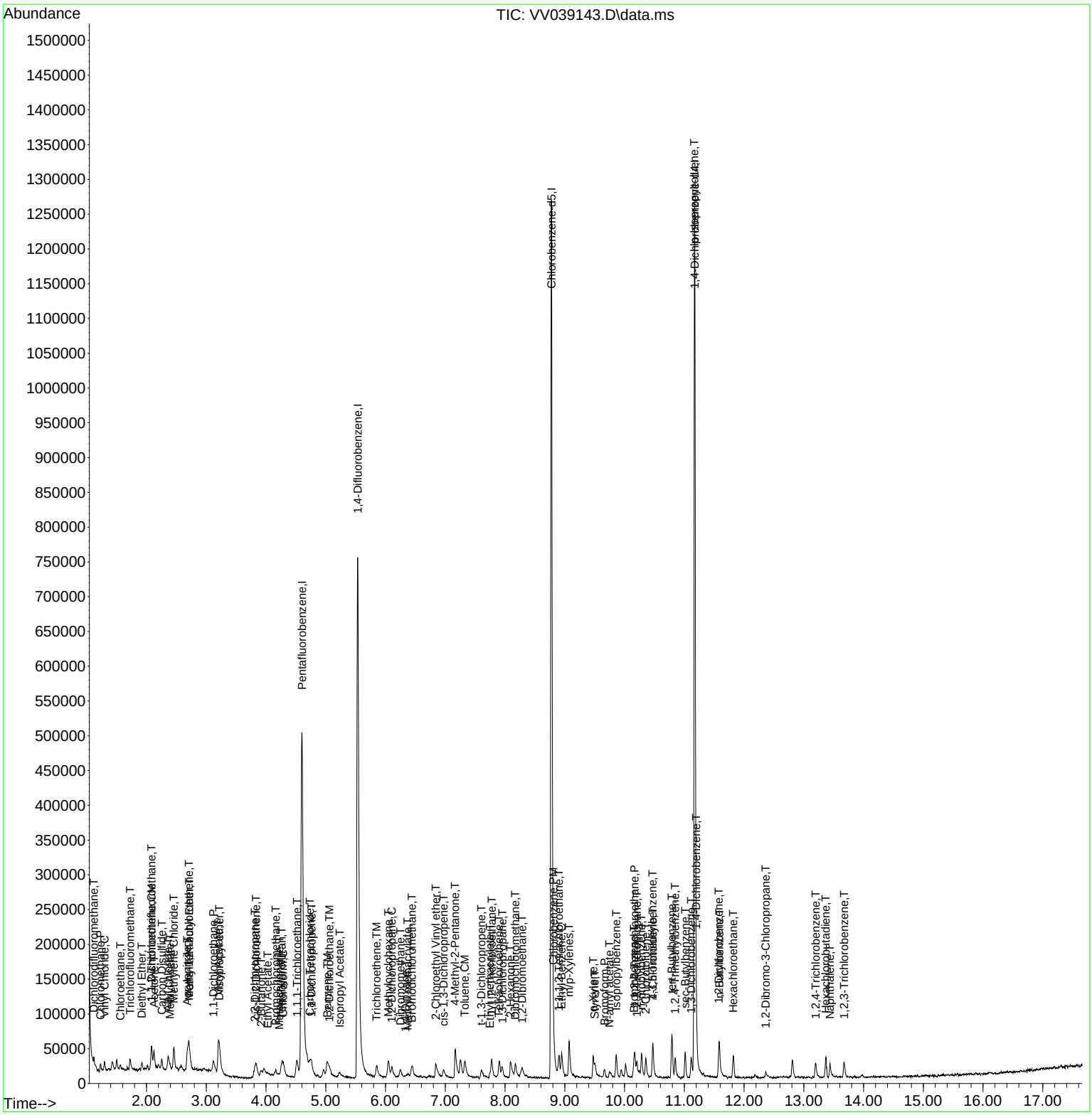
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039143.D
Acq On : 22 Sep 2025 16:35
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 07:26:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039144.D
Acq On : 22 Sep 2025 16:58
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	530687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	821122	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	811351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	500088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	368982	48.041	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 96.080%			
35) Dibromofluoromethane	4.500	113	335549	50.832	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.660%			
50) Toluene-d8	7.236	98	1012009	52.199	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 104.400%			
62) 4-Bromofluorobenzene	10.001	95	453523	56.823	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 113.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	380034	45.238	ug/l	98
3) Chloromethane	1.230	50	419560	46.523	ug/l	99
4) Vinyl Chloride	1.298	62	438971	45.467	ug/l	100
5) Bromomethane	1.494	94	274408	45.085	ug/l	100
6) Chloroethane	1.558	64	288768	50.873	ug/l	97
7) Trichlorofluoromethane	1.725	101	649327	46.452	ug/l	98
8) Diethyl Ether	1.918	74	239410	46.136	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	386460	46.465	ug/l	98
10) Methyl Iodide	2.198	142	394299	49.783	ug/l	100
11) Tert butyl alcohol	2.571	59	409358	252.173	ug/l	99
12) 1,1-Dichloroethene	2.082	96	367440	45.922	ug/l	99
13) Acrolein	2.011	56	76596	271.925	ug/l	95
14) Allyl chloride	2.359	41	673070	47.092	ug/l	100
15) Acrylonitrile	2.674	53	1247029	239.637	ug/l	100
16) Acetone	2.117	43	1131047	237.325	ug/l	99
17) Carbon Disulfide	2.252	76	1114937	45.563	ug/l	99
18) Methyl Acetate	2.381	43	564211	49.579	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	1204021	47.223	ug/l	100
20) Methylene Chloride	2.458	84	426790	51.536	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	391103	45.915	ug/l	100
22) Diisopropyl ether	3.217	45	1355158	49.556	ug/l	95
23) Vinyl Acetate	3.188	43	5946893	248.597	ug/l	100
24) 1,1-Dichloroethane	3.117	63	761495	45.536	ug/l	100
25) 2-Butanone	3.867	43	1611713	262.050	ug/l	99
26) 2,2-Dichloropropane	3.812	77	648277	43.721	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	459958	48.960	ug/l	99
28) Bromochloromethane	4.146	49	384995	52.149	ug/l	100
29) Tetrahydrofuran	4.236	42	1064545	276.528	ug/l	99
30) Chloroform	4.278	83	820367	46.980	ug/l	99
31) Cyclohexane	4.584	56	654806	47.799	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	709351	46.922	ug/l	99
36) 1,1-Dichloropropene	4.744	75	537027	53.809	ug/l	99
37) Ethyl Acetate	3.976	43	630342	52.050	ug/l	99
38) Carbon Tetrachloride	4.735	117	603187	49.452	ug/l	99
39) Methylcyclohexane	6.047	83	692131	57.426	ug/l	98
40) Benzene	5.008	78	1699505	52.293	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039144.D
Acq On : 22 Sep 2025 16:58
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.159	41	282895	51.602	ug/l		99
42) 1,2-Dichloroethane	5.040	62	583550	51.245	ug/l		99
43) Isopropyl Acetate	5.194	43	924654	55.998	ug/l		99
44) Trichloroethene	5.831	130	384092	51.216	ug/l		95
45) 1,2-Dichloropropane	6.088	63	440211	54.495	ug/l		97
46) Dibromomethane	6.223	93	316032	51.116	ug/l		97
47) Bromodichloromethane	6.426	83	654836	51.232	ug/l		99
48) Methyl methacrylate	6.297	41	442395	59.104	ug/l		98
49) 1,4-Dioxane	6.291	88	136899	1133.346	ug/l		99
51) 4-Methyl-2-Pentanone	7.149	43	3292794	303.119	ug/l		100
52) Toluene	7.307	92	1064972	56.517	ug/l		99
53) t-1,3-Dichloropropene	7.574	75	621814	55.823	ug/l		99
54) cis-1,3-Dichloropropene	6.947	75	690532	56.154	ug/l		98
55) 1,1,2-Trichloroethane	7.760	97	432856	51.231	ug/l		99
56) Ethyl methacrylate	7.715	69	610159	60.810	ug/l		99
57) 1,3-Dichloropropane	7.934	76	716955	53.769	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.812	63	1474938	259.936	ug/l		99
59) 2-Hexanone	8.063	43	2462493	280.545	ug/l		100
60) Dibromochloromethane	8.169	129	499908	51.926	ug/l		99
61) 1,2-Dibromoethane	8.272	107	460510	53.295	ug/l		100
64) Tetrachloroethene	7.895	164	346271	50.954	ug/l		99
65) Chlorobenzene	8.802	112	1153503	51.041	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	409401	50.136	ug/l		100
67) Ethyl Benzene	8.937	91	1964943	57.438	ug/l		100
68) m/p-Xylenes	9.062	106	1592118	120.582	ug/l		100
69) o-Xylene	9.468	106	706301	60.414	ug/l		98
70) Styrene	9.484	104	1306032	52.671	ug/l		99
71) Bromoform	9.654	173	335410	52.585	ug/l	#	98
73) Isopropylbenzene	9.857	105	1966280	54.210	ug/l		100
74) N-amyl acetate	9.725	43	841099	58.135	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	724860	45.610	ug/l		100
76) 1,2,3-Trichloropropane	10.197	75	563785m	49.515	ug/l		
77) Bromobenzene	10.140	156	462931	49.193	ug/l		99
78) n-propylbenzene	10.278	91	2444658	55.347	ug/l		99
79) 2-Chlorotoluene	10.349	91	1412046	53.426	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	1709353	56.698	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.927	75	247871	52.262	ug/l		99
82) 4-Chlorotoluene	10.461	91	1680201	54.824	ug/l		100
83) tert-Butylbenzene	10.789	119	1610870	53.584	ug/l		100
84) 1,2,4-Trimethylbenzene	10.837	105	1695994	57.944	ug/l		100
85) sec-Butylbenzene	11.011	105	2189540	54.911	ug/l		100
86) p-Isopropyltoluene	11.165	119	1841747	55.495	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	939483	49.328	ug/l		99
88) 1,4-Dichlorobenzene	11.194	146	971665	46.502	ug/l		99
89) n-Butylbenzene	11.580	91	1798412	56.740	ug/l		100
90) Hexachloroethane	11.818	117	370188	45.296	ug/l		98
91) 1,2-Dichlorobenzene	11.567	146	878347	49.362	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	150399	52.479	ug/l		98
93) 1,2,4-Trichlorobenzene	13.185	180	533045	52.259	ug/l		99
94) Hexachlorobutadiene	13.368	225	243496	45.942	ug/l		99
95) Naphthalene	13.422	128	1919772	58.231	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	549079	52.633	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039144.D
Acq On : 22 Sep 2025 16:58
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 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

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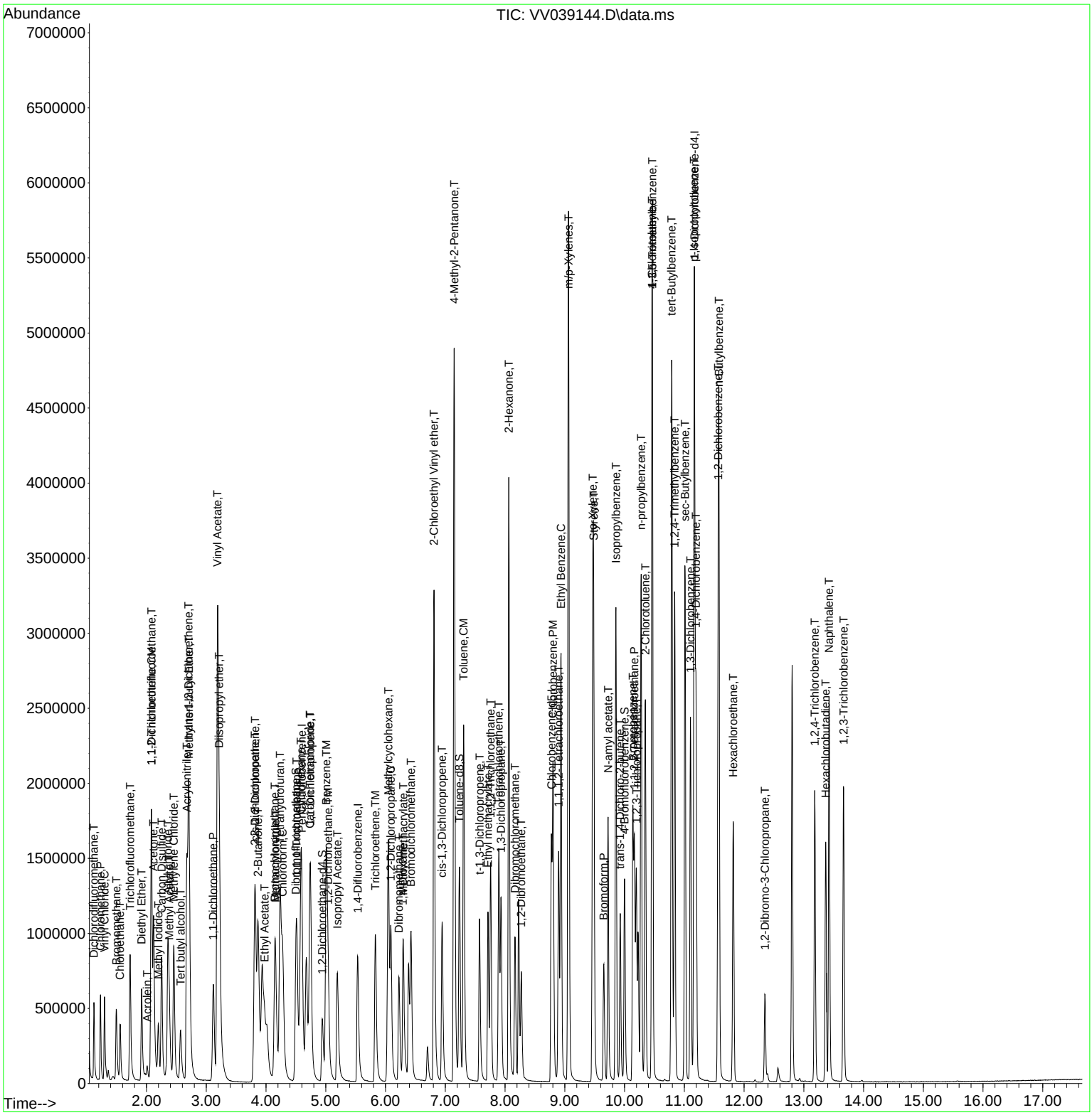

Evaluate Continuing Calibration Report

ICAL Form

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Data File : VV039144.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	0.791	0.716	9.5	91	0.00
3	P	Chloromethane	0.850	0.791	6.9	97	0.00
4	C	Vinyl Chloride	0.910	0.827	9.1#	93	0.00
5	T	Bromomethane	0.573	0.517	9.8	96	0.00
6	T	Chloroethane	0.631	0.544	13.8	96	0.00
7	T	Trichlorofluoromethane	1.317	1.224	7.1	97	0.00
8	T	Diethyl Ether	0.489	0.451	7.8	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.784	0.728	7.1	98	0.00
10	T	Methyl Iodide	0.746	0.743	0.4	89	0.00
11	T	Tert butyl alcohol	0.153	0.154	-0.7	106	0.00
12	CM	1,1-Dichloroethene	0.754	0.692	8.2#	97	0.00
13	T	Acrolein	0.027	0.029	-7.4	103	0.00
14	T	Allyl chloride	1.347	1.268	5.9	96	0.00
15	T	Acrylonitrile	0.490	0.470	4.1	101	0.00
16	T	Acetone	0.523	0.426	18.5	89	0.00
17	T	Carbon Disulfide	2.306	2.101	8.9	95	0.00
18	T	Methyl Acetate	1.072	1.063	0.8	102	0.00
19	T	Methyl tert-butyl Ether	2.402	2.269	5.5	96	0.00
20	T	Methylene Chloride	1.066	0.804	24.6#	97	0.00
21	T	trans-1,2-Dichloroethene	0.803	0.737	8.2	96	0.00
22	T	Diisopropyl ether	2.576	2.554	0.9	95	0.00
23	T	Vinyl Acetate	2.254	2.241	0.6	96	0.00
24	P	1,1-Dichloroethane	1.576	1.435	8.9	97	0.00
25	T	2-Butanone	0.579	0.607	-4.8	98	0.00
26	T	2,2-Dichloropropane	1.397	1.222	12.5	93	0.00
27	T	cis-1,2-Dichloroethene	0.885	0.867	2.0	94	0.00
28	T	Bromochloromethane	0.696	0.725	-4.2	101	0.00
29	T	Tetrahydrofuran	0.363	0.401	-10.5	102	0.00
30	C	Chloroform	1.645	1.546	6.0#	98	0.00
31	T	Cyclohexane	1.291	1.234	4.4	93	0.00
32	T	1,1,1-Trichloroethane	1.424	1.337	6.1	97	0.00
33	S	1,2-Dichloroethane-d4	0.724	0.695	4.0	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35	S	Dibromofluoromethane	0.402	0.409	-1.7	99	0.00
36	T	1,1-Dichloropropene	0.608	0.654	-7.6	97	0.00
37	T	Ethyl Acetate	0.737	0.768	-4.2	99	0.00
38	T	Carbon Tetrachloride	0.743	0.735	1.1	96	0.00
39	T	Methylcyclohexane	0.734	0.843	-14.9	94	0.00
40	TM	Benzene	1.979	2.070	-4.6	96	0.00
41	T	Methacrylonitrile	0.273	0.345	-26.4#	96	0.00
42	TM	1,2-Dichloroethane	0.693	0.711	-2.6	98	0.00
43	T	Isopropyl Acetate	1.005	1.126	-12.0	97	0.00
44	TM	Trichloroethene	0.457	0.468	-2.4	93	0.00
45	C	1,2-Dichloropropane	0.492	0.536	-8.9#	98	0.00
46	T	Dibromomethane	0.376	0.385	-2.4	96	0.00
47	T	Bromodichloromethane	0.778	0.797	-2.4	97	0.00
48	T	Methyl methacrylate	0.456	0.539	-18.2	98	0.00

ICAL Form

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.008	-14.3	102	0.00
50	S	Toluene-d8	1.181	1.232	-4.3	100	0.00
51	T	4-Methyl-2-Pentanone	0.661	0.802	-21.3#	101	0.00
52	CM	Toluene	1.147	1.297	-13.1#	97	0.00
53	T	t-1,3-Dichloropropene	0.678	0.757	-11.7	96	0.00
54	T	cis-1,3-Dichloropropene	0.749	0.841	-12.3	95	0.00
55	T	1,1,2-Trichloroethane	0.514	0.527	-2.5	98	0.00
56	T	Ethyl methacrylate	0.611	0.743	-21.6#	95	0.00
57	T	1,3-Dichloropropane	0.812	0.873	-7.5	98	0.00
58	T	2-Chloroethyl Vinyl ether	0.267	0.359	-34.5#	93	0.00
59	T	2-Hexanone	0.463	0.600	-29.6#	101	0.00
60	T	Dibromochloromethane	0.586	0.609	-3.9	99	0.00
61	T	1,2-Dibromoethane	0.526	0.561	-6.7	97	0.00
62	S	4-Bromofluorobenzene	0.486	0.552	-13.6	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.419	0.427	-1.9	97	0.00
65	PM	Chlorobenzene	1.393	1.422	-2.1	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.503	0.505	-0.4	97	0.00
67	C	Ethyl Benzene	2.108	2.422	-14.9#	95	0.00
68	T	m/p-Xylenes	0.814	0.981	-20.5#	97	0.00
69	T	o-Xylene	0.720	0.871	-21.0#	97	0.00
70	T	Styrene	1.263	1.610	-27.5#	97	0.00
71	P	Bromoform	0.393	0.413	-5.1	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.627	3.932	-8.4	97	0.00
74	T	N-amyl acetate	1.447	1.682	-16.2	97	0.00
75	P	1,1,2,2-Tetrachloroethane	1.589	1.449	8.8	99	0.00
76	T	1,2,3-Trichloropropane	1.138	1.127	1.0	104	0.00
77	T	Bromobenzene	0.941	0.926	1.6	97	0.00
78	T	n-propylbenzene	4.416	4.888	-10.7	97	0.00
79	T	2-Chlorotoluene	2.643	2.824	-6.8	97	0.00
80	T	1,3,5-Trimethylbenzene	3.014	3.418	-13.4	98	0.00
81	T	trans-1,4-Dichloro-2-butene	0.474	0.496	-4.6	97	0.00
82	T	4-Chlorotoluene	3.064	3.360	-9.7	98	0.00
83	T	tert-Butylbenzene	3.006	3.221	-7.2	97	0.00
84	T	1,2,4-Trimethylbenzene	2.926	3.391	-15.9	97	0.00
85	T	sec-Butylbenzene	3.987	4.378	-9.8	97	0.00
86	T	p-Isopropyltoluene	3.318	3.683	-11.0	97	0.00
87	T	1,3-Dichlorobenzene	1.904	1.879	1.3	98	0.00
88	T	1,4-Dichlorobenzene	2.089	1.943	7.0	97	0.00
89	T	n-Butylbenzene	3.169	3.596	-13.5	96	0.00
90	T	Hexachloroethane	0.817	0.740	9.4	99	0.00
91	T	1,2-Dichlorobenzene	1.779	1.756	1.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.301	8.8	102	0.00
93	T	1,2,4-Trichlorobenzene	1.020	1.066	-4.5	96	0.00
94	T	Hexachlorobutadiene	0.530	0.487	8.1	98	0.00
95	T	Naphthalene	3.296	3.839	-16.5	98	0.00

ICAL Form

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ICVVV092225

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Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.043	1.098	-5.3	96	0.00

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

Evaluate Continuing Calibration Report

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Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	50.000	45.238	9.5	91	0.00
3	P	Chloromethane	50.000	46.523	7.0	97	0.00
4	C	Vinyl Chloride	50.000	45.467	9.1#	93	0.00
5	T	Bromomethane	50.000	45.085	9.8	96	0.00
6	T	Chloroethane	50.000	50.873	-1.7	96	0.00
7	T	Trichlorofluoromethane	50.000	46.452	7.1	97	0.00
8	T	Diethyl Ether	50.000	46.136	7.7	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.465	7.1	98	0.00
10	T	Methyl Iodide	50.000	49.783	0.4	89	0.00
11	T	Tert butyl alcohol	250.000	252.173	-0.9	106	0.00
12	CM	1,1-Dichloroethene	50.000	45.922	8.2#	97	0.00
13	T	Acrolein	250.000	271.925	-8.8	103	0.00
14	T	Allyl chloride	50.000	47.092	5.8	96	0.00
15	T	Acrylonitrile	250.000	239.637	4.1	101	0.00
16	T	Acetone	250.000	237.325	5.1	89	0.00
17	T	Carbon Disulfide	50.000	45.563	8.9	95	0.00
18	T	Methyl Acetate	50.000	49.579	0.8	102	0.00
19	T	Methyl tert-butyl Ether	50.000	47.223	5.6	96	0.00
20	T	Methylene Chloride	50.000	51.536	-3.1	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.915	8.2	96	0.00
22	T	Diisopropyl ether	50.000	49.556	0.9	95	0.00
23	T	Vinyl Acetate	250.000	248.597	0.6	96	0.00
24	P	1,1-Dichloroethane	50.000	45.536	8.9	97	0.00
25	T	2-Butanone	250.000	262.050	-4.8	98	0.00
26	T	2,2-Dichloropropane	50.000	43.721	12.6	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.960	2.1	94	0.00
28	T	Bromochloromethane	50.000	52.149	-4.3	101	0.00
29	T	Tetrahydrofuran	250.000	276.528	-10.6	102	0.00
30	C	Chloroform	50.000	46.980	6.0#	98	0.00
31	T	Cyclohexane	50.000	47.799	4.4	93	0.00
32	T	1,1,1-Trichloroethane	50.000	46.922	6.2	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.041	3.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	50.832	-1.7	99	0.00
36	T	1,1-Dichloropropene	50.000	53.809	-7.6	97	0.00
37	T	Ethyl Acetate	50.000	52.050	-4.1	99	0.00
38	T	Carbon Tetrachloride	50.000	49.452	1.1	96	0.00
39	T	Methylcyclohexane	50.000	57.426	-14.9	94	0.00
40	TM	Benzene	50.000	52.293	-4.6	96	0.00
41	T	Methacrylonitrile	50.000	51.602	-3.2	96	0.00
42	TM	1,2-Dichloroethane	50.000	51.245	-2.5	98	0.00
43	T	Isopropyl Acetate	50.000	55.998	-12.0	97	0.00
44	TM	Trichloroethene	50.000	51.216	-2.4	93	0.00
45	C	1,2-Dichloropropane	50.000	54.495	-9.0#	98	0.00
46	T	Dibromomethane	50.000	51.116	-2.2	96	0.00
47	T	Bromodichloromethane	50.000	51.232	-2.5	97	0.00
48	T	Methyl methacrylate	50.000	59.104	-18.2	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039144.D
Acq On : 22 Sep 2025 16:58
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1133.346	-13.3	102	0.00
50	S	Toluene-d8	50.000	52.199	-4.4	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	303.119	-21.2#	101	0.00
52	CM	Toluene	50.000	56.517	-13.0#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	55.823	-11.6	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.154	-12.3	95	0.00
55	T	1,1,2-Trichloroethane	50.000	51.231	-2.5	98	0.00
56	T	Ethyl methacrylate	50.000	60.810	-21.6#	95	0.00
57	T	1,3-Dichloropropane	50.000	53.769	-7.5	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.936	-4.0	93	0.00
59	T	2-Hexanone	250.000	280.545	-12.2	101	0.00
60	T	Dibromochloromethane	50.000	51.926	-3.9	99	0.00
61	T	1,2-Dibromoethane	50.000	53.295	-6.6	97	0.00
62	S	4-Bromofluorobenzene	50.000	56.823	-13.6	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	50.954	-1.9	97	0.00
65	PM	Chlorobenzene	50.000	51.041	-2.1	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.136	-0.3	97	0.00
67	C	Ethyl Benzene	50.000	57.438	-14.9#	95	0.00
68	T	m/p-Xylenes	100.000	120.582	-20.6#	97	0.00
69	T	o-Xylene	50.000	60.414	-20.8#	97	0.00
70	T	Styrene	50.000	52.671	-5.3	97	0.00
71	P	Bromoform	50.000	52.585	-5.2	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	54.210	-8.4	97	0.00
74	T	N-amyl acetate	50.000	58.135	-16.3	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.610	8.8	99	0.00
76	T	1,2,3-Trichloropropane	50.000	49.515	1.0	104	0.00
77	T	Bromobenzene	50.000	49.193	1.6	97	0.00
78	T	n-propylbenzene	50.000	55.347	-10.7	97	0.00
79	T	2-Chlorotoluene	50.000	53.426	-6.9	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.698	-13.4	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.262	-4.5	97	0.00
82	T	4-Chlorotoluene	50.000	54.824	-9.6	98	0.00
83	T	tert-Butylbenzene	50.000	53.584	-7.2	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.944	-15.9	97	0.00
85	T	sec-Butylbenzene	50.000	54.911	-9.8	97	0.00
86	T	p-Isopropyltoluene	50.000	55.495	-11.0	97	0.00
87	T	1,3-Dichlorobenzene	50.000	49.328	1.3	98	0.00
88	T	1,4-Dichlorobenzene	50.000	46.502	7.0	97	0.00
89	T	n-Butylbenzene	50.000	56.740	-13.5	96	0.00
90	T	Hexachloroethane	50.000	45.296	9.4	99	0.00
91	T	1,2-Dichlorobenzene	50.000	49.362	1.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.479	-5.0	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.259	-4.5	96	0.00
94	T	Hexachlorobutadiene	50.000	45.942	8.1	98	0.00
95	T	Naphthalene	50.000	58.231	-16.5	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039144.D
Acq On : 22 Sep 2025 16:58
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Quant Time: Sep 24 08:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.633	-5.3	96	0.00

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

Raw Data: **VV039146.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3173
Instrument ID: MSVOA_V
Calibration Date/Time: 09/24/2025 10:49
Lab File ID: VV039146.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.850	0.730	0.1	-14.12	20
Vinyl Chloride	0.910	0.742		-18.46	20
Bromomethane	0.573	0.504		-12.04	20
Chloroethane	0.631	0.488		-22.66	20
Tert butyl alcohol	0.153	0.157		2.61	20
1,1-Dichloroethene	0.754	0.615		-18.43	20
Acetone	0.523	0.448		-14.34	20
Carbon Disulfide	2.306	1.849		-19.82	20
Methyl tert-butyl Ether	2.402	2.294		-4.5	20
Methylene Chloride	1.066	0.777		-27.11	20
trans-1,2-Dichloroethene	0.803	0.683		-14.94	20
1,1-Dichloroethane	1.576	1.323	0.1	-16.05	20
2-Butanone	0.579	0.608		5.01	20
Carbon Tetrachloride	0.743	0.609		-18.03	20
cis-1,2-Dichloroethene	0.885	0.808		-8.7	20
Chloroform	1.645	1.449		-11.91	20
1,1,1-Trichloroethane	1.424	1.169		-17.91	20
Benzene	1.979	1.817		-8.19	20
1,2-Dichloroethane	0.693	0.655		-5.48	20
Trichloroethene	0.457	0.405		-11.38	20
1,2-Dichloropropane	0.492	0.476		-3.25	20
Bromodichloromethane	0.778	0.727		-6.55	20
4-Methyl-2-Pentanone	0.661	0.751		13.62	20
Toluene	1.147	1.120		-2.35	20
t-1,3-Dichloropropene	0.678	0.704		3.84	20
cis-1,3-Dichloropropene	0.749	0.769		2.67	20
1,1,2-Trichloroethane	0.514	0.500		-2.72	20
2-Hexanone	0.463	0.557		20.3	20
Dibromochloromethane	0.586	0.559		-4.61	20
Tetrachloroethene	0.419	0.347		-17.18	20
Chlorobenzene	1.393	1.221	0.3	-12.35	20
Ethyl Benzene	2.108	1.997		-5.27	20
m/p-Xylenes	0.814	0.814		0	20
o-Xylene	0.720	0.732		1.67	20
Styrene	1.263	1.382		9.42	20
Bromoform	0.393	0.378	0.1	-3.82	20
1,1,2,2-Tetrachloroethane	1.589	1.354	0.3	-14.79	20
1,2-Dichloroethane-d4	0.724	0.661		-8.7	20

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

Raw Data: **VV039146.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3173
Instrument ID:	MSVOA_V	Calibration Date/Time:	09/24/2025 10:49
Lab File ID:	VV039146.D	Init. Calib. Date(s):	09/22/2025 09/22/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:26 16:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.402	0.366		-8.95	20
Toluene-d8	1.181	1.053		-10.84	20
4-Bromofluorobenzene	0.486	0.489		0.62	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_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	558154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	907128	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	923608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	551620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	369186	45.702	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 91.400%			
35) Dibromofluoromethane	4.500	113	332304	45.567	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 91.140%			
50) Toluene-d8	7.236	98	954978	44.587	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.180%			
62) 4-Bromofluorobenzene	10.002	95	443437	50.291	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 100.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	349754	39.585	ug/l	96
3) Chloromethane	1.227	50	407305	42.941	ug/l	100
4) Vinyl Chloride	1.295	62	414391	40.808	ug/l	100
5) Bromomethane	1.494	94	281451	43.967	ug/l	100
6) Chloroethane	1.558	64	272410	45.230	ug/l	97
7) Trichlorofluoromethane	1.722	101	592362	40.292	ug/l	99
8) Diethyl Ether	1.918	74	252704	46.301	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	350274	40.042	ug/l	98
10) Methyl Iodide	2.195	142	408452	49.032	ug/l	100
11) Tert butyl alcohol	2.571	59	439522	257.431	ug/l	98
12) 1,1-Dichloroethene	2.079	96	343170	40.778	ug/l	97
13) Acrolein	2.008	56	82132	277.230	ug/l	99
14) Allyl chloride	2.356	41	678394	45.129	ug/l	97
15) Acrylonitrile	2.674	53	1317414	240.705	ug/l	100
16) Acetone	2.118	43	1249190	250.295	ug/l	99
17) Carbon Disulfide	2.249	76	1032299	40.110	ug/l	99
18) Methyl Acetate	2.378	43	608422	50.833	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	1280541	47.752	ug/l	100
20) Methylene Chloride	2.455	84	433679	49.660	ug/l	100
21) trans-1,2-Dichloroethene	2.700	96	381303	42.561	ug/l	100
22) Diisopropyl ether	3.214	45	1373474	47.754	ug/l	92
23) Vinyl Acetate	3.188	43	6174734	245.419	ug/l	99
24) 1,1-Dichloroethane	3.114	63	738164	41.969	ug/l	100
25) 2-Butanone	3.864	43	1696999	262.339	ug/l	98
26) 2,2-Dichloropropane	3.809	77	608343	39.009	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	451121	45.657	ug/l	99
28) Bromochloromethane	4.143	49	381004	49.069	ug/l	97
29) Tetrahydrofuran	4.233	42	1116689	275.798	ug/l	100
30) Chloroform	4.275	83	808825	44.039	ug/l	100
31) Cyclohexane	4.581	56	584423	40.562	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	652596	41.043	ug/l	99
36) 1,1-Dichloropropene	4.741	75	487252	44.192	ug/l	98
37) Ethyl Acetate	3.973	43	663808	49.616	ug/l	100
38) Carbon Tetrachloride	4.732	117	552633	41.012	ug/l	99
39) Methylcyclohexane	6.047	83	605143	45.449	ug/l	99
40) Benzene	5.005	78	1647897	45.898	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.156	41	299616	49.549	ug/l		99
42) 1,2-Dichloroethane	5.037	62	594558	47.262	ug/l		100
43) Isopropyl Acetate	5.191	43	967617	53.044	ug/l		100
44) Trichloroethene	5.828	130	367209	44.323	ug/l		96
45) 1,2-Dichloropropane	6.085	63	431931	48.401	ug/l		98
46) Dibromomethane	6.224	93	328651	48.117	ug/l		99
47) Bromodichloromethane	6.426	83	659260	46.688	ug/l		99
48) Methyl methacrylate	6.294	41	457609	55.340	ug/l		99
49) 1,4-Dioxane	6.291	88	155709	1166.851	ug/l		97
51) 4-Methyl-2-Pentanone	7.146	43	3404796	283.713	ug/l		100
52) Toluene	7.307	92	1016283	48.820	ug/l		99
53) t-1,3-Dichloropropene	7.571	75	638267	51.867	ug/l		98
54) cis-1,3-Dichloropropene	6.947	75	697782	51.364	ug/l		100
55) 1,1,2-Trichloroethane	7.760	97	453142	48.547	ug/l		98
56) Ethyl methacrylate	7.715	69	630396	56.871	ug/l		100
57) 1,3-Dichloropropane	7.931	76	727051	49.356	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.809	63	1515308	242.405	ug/l		100
59) 2-Hexanone	8.063	43	2528312	260.898	ug/l		99
60) Dibromochloromethane	8.166	129	506709	47.642	ug/l		99
61) 1,2-Dibromoethane	8.272	107	480605	50.348	ug/l		100
64) Tetrachloroethene	7.896	164	320555	41.437	ug/l		99
65) Chlorobenzene	8.802	112	1127747	43.836	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.895	131	407431	43.830	ug/l		100
67) Ethyl Benzene	8.934	91	1844871	47.374	ug/l		100
68) m/p-Xylenes	9.063	106	1502908	99.991	ug/l		100
69) o-Xylene	9.468	106	676401	50.825	ug/l		99
70) Styrene	9.484	104	1276348	45.393	ug/l		99
71) Bromoform	9.651	173	348806	48.038	ug/l	#	100
73) Isopropylbenzene	9.857	105	1824633	45.605	ug/l		100
74) N-amyl acetate	9.725	43	854806	53.563	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.166	83	747109	42.619	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	575337	45.809	ug/l		98
77) Bromobenzene	10.140	156	460599	44.372	ug/l		99
78) n-propylbenzene	10.278	91	2250074	46.182	ug/l		99
79) 2-Chlorotoluene	10.349	91	1358304	46.591	ug/l		99
80) 1,3,5-Trimethylbenzene	10.465	105	1607013	48.324	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.928	75	256388	49.007	ug/l		99
82) 4-Chlorotoluene	10.461	91	1605527	47.493	ug/l		99
83) tert-Butylbenzene	10.789	119	1497786	45.168	ug/l		99
84) 1,2,4-Trimethylbenzene	10.838	105	1608644	49.826	ug/l		100
85) sec-Butylbenzene	11.011	105	1967674	44.737	ug/l		99
86) p-Isopropyltoluene	11.165	119	1677532	45.825	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	909637	43.299	ug/l		99
88) 1,4-Dichlorobenzene	11.194	146	954565	41.416	ug/l		100
89) n-Butylbenzene	11.580	91	1645246	47.058	ug/l		100
90) Hexachloroethane	11.821	117	343097	38.060	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	862856	43.962	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	158828	50.345	ug/l		97
93) 1,2,4-Trichlorobenzene	13.185	180	522821	46.468	ug/l		100
94) Hexachlorobutadiene	13.368	225	224298	38.367	ug/l		100
95) Naphthalene	13.426	128	1960806	53.919	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	551841	47.956	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

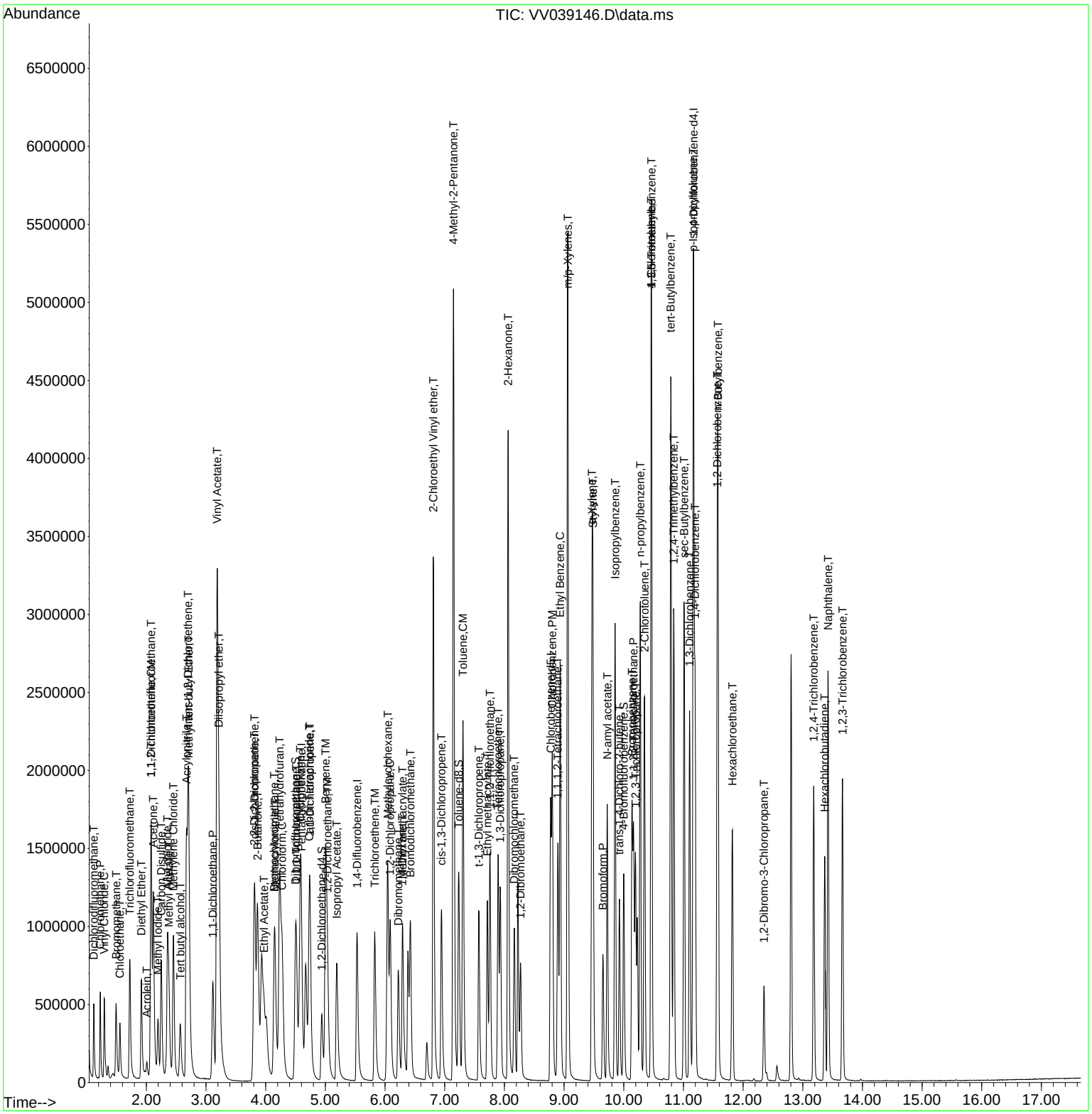
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Sample Results: **VV039146.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	0.791	0.627	20.7#	84	0.00
3	P	Chloromethane	0.850	0.730	14.1	94	0.00
4	C	Vinyl Chloride	0.910	0.742	18.5#	88	0.00
5	T	Bromomethane	0.573	0.504	12.0	98	0.00
6	T	Chloroethane	0.631	0.488	22.7#	91	0.00
7	T	Trichlorofluoromethane	1.317	1.061	19.4	88	0.00
8	T	Diethyl Ether	0.489	0.453	7.4	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.784	0.628	19.9	89	0.00
10	T	Methyl Iodide	0.746	0.732	1.9	92	0.00
11	T	Tert butyl alcohol	0.153	0.157	-2.6	114	0.00
12	CM	1,1-Dichloroethene	0.754	0.615	18.4#	90	0.00
13	T	Acrolein	0.027	0.029	-7.4	110	0.00
14	T	Allyl chloride	1.347	1.215	9.8	97	0.00
15	T	Acrylonitrile	0.490	0.472	3.7	107	0.00
16	T	Acetone	0.523	0.448	14.3	99	0.00
17	T	Carbon Disulfide	2.306	1.849	19.8	88	0.00
18	T	Methyl Acetate	1.072	1.090	-1.7	110	0.00
19	T	Methyl tert-butyl Ether	2.402	2.294	4.5	102	0.00
20	T	Methylene Chloride	1.066	0.777	27.1#	99	0.00
21	T	trans-1,2-Dichloroethene	0.803	0.683	14.9	93	0.00
22	T	Diisopropyl ether	2.576	2.461	4.5	97	0.00
23	T	Vinyl Acetate	2.254	2.213	1.8	99	0.00
24	P	1,1-Dichloroethane	1.576	1.323	16.1	94	0.00
25	T	2-Butanone	0.579	0.608	-5.0	103	0.00
26	T	2,2-Dichloropropane	1.397	1.090	22.0#	87	0.00
27	T	cis-1,2-Dichloroethene	0.885	0.808	8.7	92	0.00
28	T	Bromochloromethane	0.696	0.683	1.9	100	0.00
29	T	Tetrahydrofuran	0.363	0.400	-10.2	107	0.00
30	C	Chloroform	1.645	1.449	11.9#	96	0.00
31	T	Cyclohexane	1.291	1.047	18.9	83	0.00
32	T	1,1,1-Trichloroethane	1.424	1.169	17.9	89	0.00
33	S	1,2-Dichloroethane-d4	0.724	0.661	8.7	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35	S	Dibromofluoromethane	0.402	0.366	9.0	98	0.00
36	T	1,1-Dichloropropene	0.608	0.537	11.7	88	0.00
37	T	Ethyl Acetate	0.737	0.732	0.7	104	0.00
38	T	Carbon Tetrachloride	0.743	0.609	18.0	88	0.00
39	T	Methylcyclohexane	0.734	0.667	9.1	82	0.00
40	TM	Benzene	1.979	1.817	8.2	93	0.00
41	T	Methacrylonitrile	0.273	0.330	-20.9#	101	0.00
42	TM	1,2-Dichloroethane	0.693	0.655	5.5	100	0.00
43	T	Isopropyl Acetate	1.005	1.067	-6.2	101	0.00
44	TM	Trichloroethene	0.457	0.405	11.4	89	0.00
45	C	1,2-Dichloropropane	0.492	0.476	3.3#	96	0.00
46	T	Dibromomethane	0.376	0.362	3.7	100	0.00
47	T	Bromodichloromethane	0.778	0.727	6.6	98	0.00
48	T	Methyl methacrylate	0.456	0.504	-10.5	102	0.00

Sample Results: **VV039146.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.009	-28.6#	116	0.00
50	S	Toluene-d8	1.181	1.053	10.8	94	0.00
51	T	4-Methyl-2-Pentanone	0.661	0.751	-13.6	104	0.00
52	CM	Toluene	1.147	1.120	2.4#	92	0.00
53	T	t-1,3-Dichloropropene	0.678	0.704	-3.8	98	0.00
54	T	cis-1,3-Dichloropropene	0.749	0.769	-2.7	96	0.00
55	T	1,1,2-Trichloroethane	0.514	0.500	2.7	103	0.00
56	T	Ethyl methacrylate	0.611	0.695	-13.7	98	0.00
57	T	1,3-Dichloropropane	0.812	0.801	1.4	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.267	0.334	-25.1#	96	0.00
59	T	2-Hexanone	0.463	0.557	-20.3#	104	0.00
60	T	Dibromochloromethane	0.586	0.559	4.6	100	0.00
61	T	1,2-Dibromoethane	0.526	0.530	-0.8	102	0.00
62	S	4-Bromofluorobenzene	0.486	0.489	-0.6	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.419	0.347	17.2	90	0.00
65	PM	Chlorobenzene	1.393	1.221	12.3	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.503	0.441	12.3	97	0.00
67	C	Ethyl Benzene	2.108	1.997	5.3#	90	0.00
68	T	m/p-Xylenes	0.814	0.814	0.0	92	0.00
69	T	o-Xylene	0.720	0.732	-1.7	93	0.00
70	T	Styrene	1.263	1.382	-9.4	95	0.00
71	P	Bromoform	0.393	0.378	3.8	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.627	3.308	8.8	90	0.00
74	T	N-amyl acetate	1.447	1.550	-7.1	99	0.00
75	P	1,1,2,2-Tetrachloroethane	1.589	1.354	14.8	102	0.00
76	T	1,2,3-Trichloropropane	1.138	1.043	8.3	106	0.00
77	T	Bromobenzene	0.941	0.835	11.3	96	0.00
78	T	n-propylbenzene	4.416	4.079	7.6	89	0.00
79	T	2-Chlorotoluene	2.643	2.462	6.8	93	0.00
80	T	1,3,5-Trimethylbenzene	3.014	2.913	3.4	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.474	0.465	1.9	100	0.00
82	T	4-Chlorotoluene	3.064	2.911	5.0	93	0.00
83	T	tert-Butylbenzene	3.006	2.715	9.7	90	0.00
84	T	1,2,4-Trimethylbenzene	2.926	2.916	0.3	92	0.00
85	T	sec-Butylbenzene	3.987	3.567	10.5	87	0.00
86	T	p-Isopropyltoluene	3.318	3.041	8.3	88	0.00
87	T	1,3-Dichlorobenzene	1.904	1.649	13.4	95	0.00
88	T	1,4-Dichlorobenzene	2.089	1.730	17.2	96	0.00
89	T	n-Butylbenzene	3.169	2.983	5.9	88	0.00
90	T	Hexachloroethane	0.817	0.622	23.9#	91	0.00
91	T	1,2-Dichlorobenzene	1.779	1.564	12.1	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.288	12.7	108	0.00
93	T	1,2,4-Trichlorobenzene	1.020	0.948	7.1	94	0.00
94	T	Hexachlorobutadiene	0.530	0.407	23.2#	91	0.00
95	T	Naphthalene	3.296	3.555	-7.9	100	0.00

Sample Results: **VV039146.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.043	1.000	4.1	97	0.00

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

Sample Results: **VV039146.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	50.000	39.585	20.8#	84	0.00
3	P	Chloromethane	50.000	42.941	14.1	94	0.00
4	C	Vinyl Chloride	50.000	40.808	18.4#	88	0.00
5	T	Bromomethane	50.000	43.967	12.1	98	0.00
6	T	Chloroethane	50.000	45.230	9.5	91	0.00
7	T	Trichlorofluoromethane	50.000	40.292	19.4	88	0.00
8	T	Diethyl Ether	50.000	46.301	7.4	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	40.042	19.9	89	0.00
10	T	Methyl Iodide	50.000	49.032	1.9	92	0.00
11	T	Tert butyl alcohol	250.000	257.431	-3.0	114	0.00
12	CM	1,1-Dichloroethene	50.000	40.778	18.4#	90	0.00
13	T	Acrolein	250.000	277.230	-10.9	110	0.00
14	T	Allyl chloride	50.000	45.129	9.7	97	0.00
15	T	Acrylonitrile	250.000	240.705	3.7	107	0.00
16	T	Acetone	250.000	250.295	-0.1	99	0.00
17	T	Carbon Disulfide	50.000	40.110	19.8	88	0.00
18	T	Methyl Acetate	50.000	50.833	-1.7	110	0.00
19	T	Methyl tert-butyl Ether	50.000	47.752	4.5	102	0.00
20	T	Methylene Chloride	50.000	49.660	0.7	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	42.561	14.9	93	0.00
22	T	Diisopropyl ether	50.000	47.754	4.5	97	0.00
23	T	Vinyl Acetate	250.000	245.419	1.8	99	0.00
24	P	1,1-Dichloroethane	50.000	41.969	16.1	94	0.00
25	T	2-Butanone	250.000	262.339	-4.9	103	0.00
26	T	2,2-Dichloropropane	50.000	39.009	22.0#	87	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.657	8.7	92	0.00
28	T	Bromochloromethane	50.000	49.069	1.9	100	0.00
29	T	Tetrahydrofuran	250.000	275.798	-10.3	107	0.00
30	C	Chloroform	50.000	44.039	11.9#	96	0.00
31	T	Cyclohexane	50.000	40.562	18.9	83	0.00
32	T	1,1,1-Trichloroethane	50.000	41.043	17.9	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.702	8.6	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	45.567	8.9	98	0.00
36	T	1,1-Dichloropropene	50.000	44.192	11.6	88	0.00
37	T	Ethyl Acetate	50.000	49.616	0.8	104	0.00
38	T	Carbon Tetrachloride	50.000	41.012	18.0	88	0.00
39	T	Methylcyclohexane	50.000	45.449	9.1	82	0.00
40	TM	Benzene	50.000	45.898	8.2	93	0.00
41	T	Methacrylonitrile	50.000	49.549	0.9	101	0.00
42	TM	1,2-Dichloroethane	50.000	47.262	5.5	100	0.00
43	T	Isopropyl Acetate	50.000	53.044	-6.1	101	0.00
44	TM	Trichloroethene	50.000	44.323	11.4	89	0.00
45	C	1,2-Dichloropropane	50.000	48.401	3.2#	96	0.00
46	T	Dibromomethane	50.000	48.117	3.8	100	0.00
47	T	Bromodichloromethane	50.000	46.688	6.6	98	0.00
48	T	Methyl methacrylate	50.000	55.340	-10.7	102	0.00

Sample Results: **VV039146.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1166.851	-16.7	116	0.00
50	S	Toluene-d8	50.000	44.587	10.8	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.713	-13.5	104	0.00
52	CM	Toluene	50.000	48.820	2.4#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	51.867	-3.7	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.364	-2.7	96	0.00
55	T	1,1,2-Trichloroethane	50.000	48.547	2.9	103	0.00
56	T	Ethyl methacrylate	50.000	56.871	-13.7	98	0.00
57	T	1,3-Dichloropropane	50.000	49.356	1.3	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.405	3.0	96	0.00
59	T	2-Hexanone	250.000	260.898	-4.4	104	0.00
60	T	Dibromochloromethane	50.000	47.642	4.7	100	0.00
61	T	1,2-Dibromoethane	50.000	50.348	-0.7	102	0.00
62	S	4-Bromofluorobenzene	50.000	50.291	-0.6	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	41.437	17.1	90	0.00
65	PM	Chlorobenzene	50.000	43.836	12.3	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	43.830	12.3	97	0.00
67	C	Ethyl Benzene	50.000	47.374	5.3#	90	0.00
68	T	m/p-Xylenes	100.000	99.991	0.0	92	0.00
69	T	o-Xylene	50.000	50.825	-1.7	93	0.00
70	T	Styrene	50.000	45.393	9.2	95	0.00
71	P	Bromoform	50.000	48.038	3.9	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	45.605	8.8	90	0.00
74	T	N-amyl acetate	50.000	53.563	-7.1	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.619	14.8	102	0.00
76	T	1,2,3-Trichloropropane	50.000	45.809	8.4	106	0.00
77	T	Bromobenzene	50.000	44.372	11.3	96	0.00
78	T	n-propylbenzene	50.000	46.182	7.6	89	0.00
79	T	2-Chlorotoluene	50.000	46.591	6.8	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.324	3.4	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.007	2.0	100	0.00
82	T	4-Chlorotoluene	50.000	47.493	5.0	93	0.00
83	T	tert-Butylbenzene	50.000	45.168	9.7	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.826	0.3	92	0.00
85	T	sec-Butylbenzene	50.000	44.737	10.5	87	0.00
86	T	p-Isopropyltoluene	50.000	45.825	8.3	88	0.00
87	T	1,3-Dichlorobenzene	50.000	43.299	13.4	95	0.00
88	T	1,4-Dichlorobenzene	50.000	41.416	17.2	96	0.00
89	T	n-Butylbenzene	50.000	47.058	5.9	88	0.00
90	T	Hexachloroethane	50.000	38.060	23.9#	91	0.00
91	T	1,2-Dichlorobenzene	50.000	43.962	12.1	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.345	-0.7	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.468	7.1	94	0.00
94	T	Hexachlorobutadiene	50.000	38.367	23.3#	91	0.00
95	T	Naphthalene	50.000	53.919	-7.8	100	0.00

Sample Results: **VV039146.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039146.D
Acq On : 24 Sep 2025 10:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 04:42:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.956	4.1	97	0.00

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

QC SAMPLE DATA

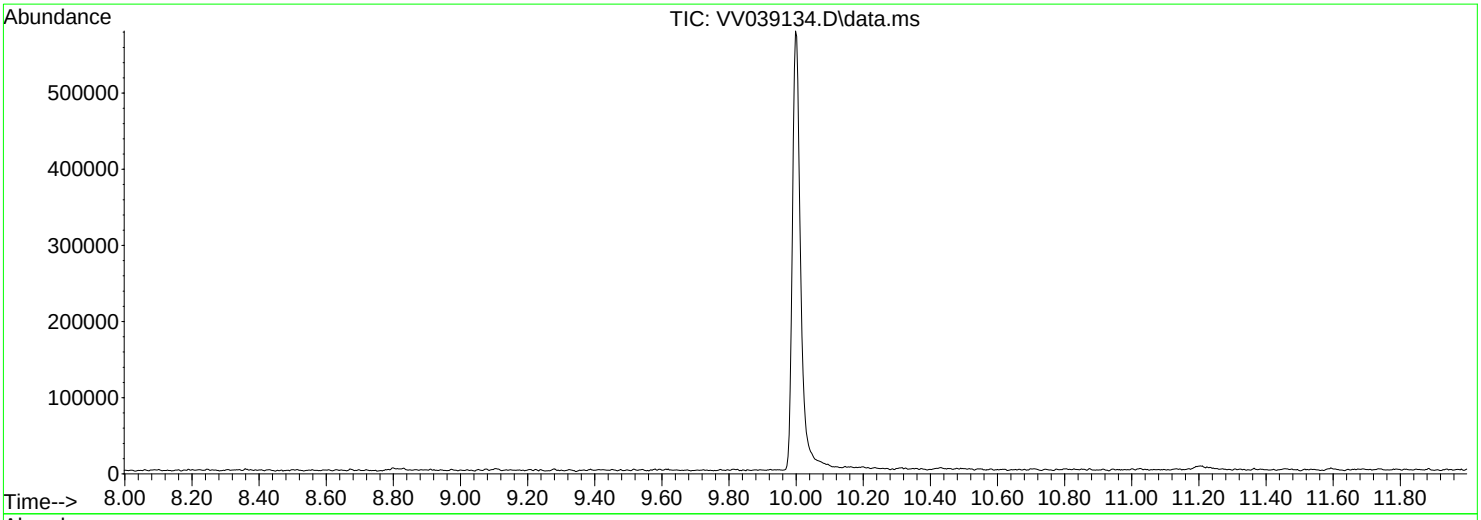
Sample Results: **VV039134.D**

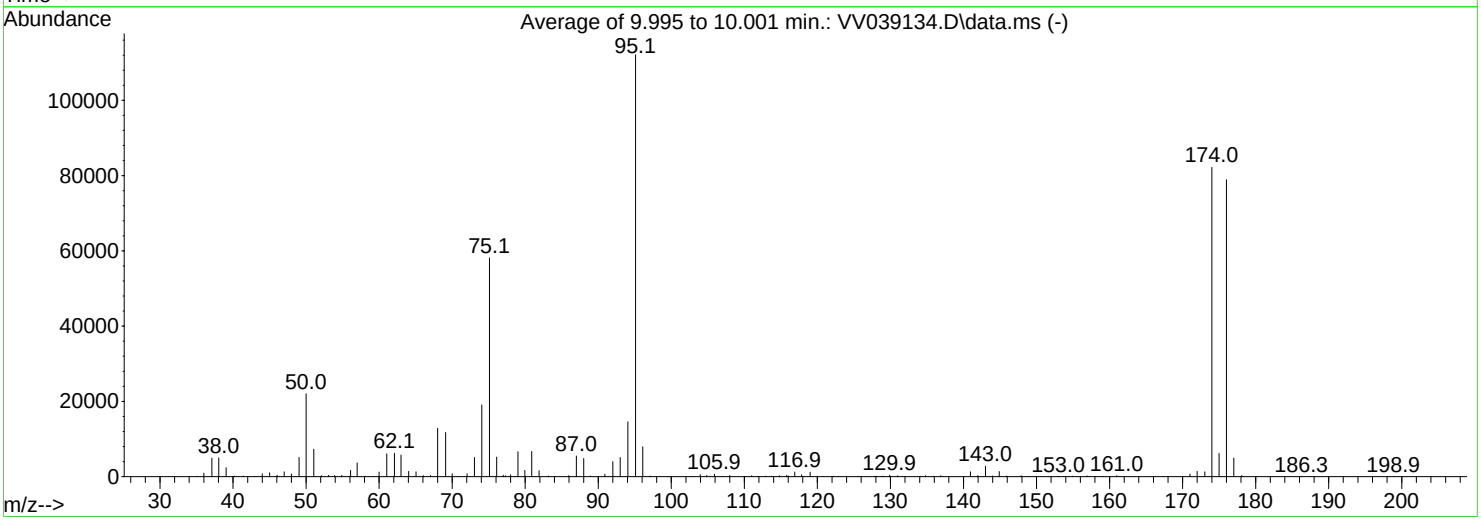
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039134.D
Acq On : 22 Sep 2025 10:15
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260
Last Update : Wed Sep 24 08:08:08 2025





AutoFind: Scans 2785, 2786, 2787; Background Corrected with Scan 2774

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.6	22014	PASS
75	95	30	60	51.9	58147	PASS
95	95	100	100	100.0	112096	PASS
96	95	5	9	7.1	7955	PASS
173	174	0.00	2	1.6	1275	PASS
174	95	50	100	73.3	82200	PASS
175	174	5	9	7.5	6152	PASS
176	174	95	101	96.0	78917	PASS
177	176	5	9	6.3	4933	PASS

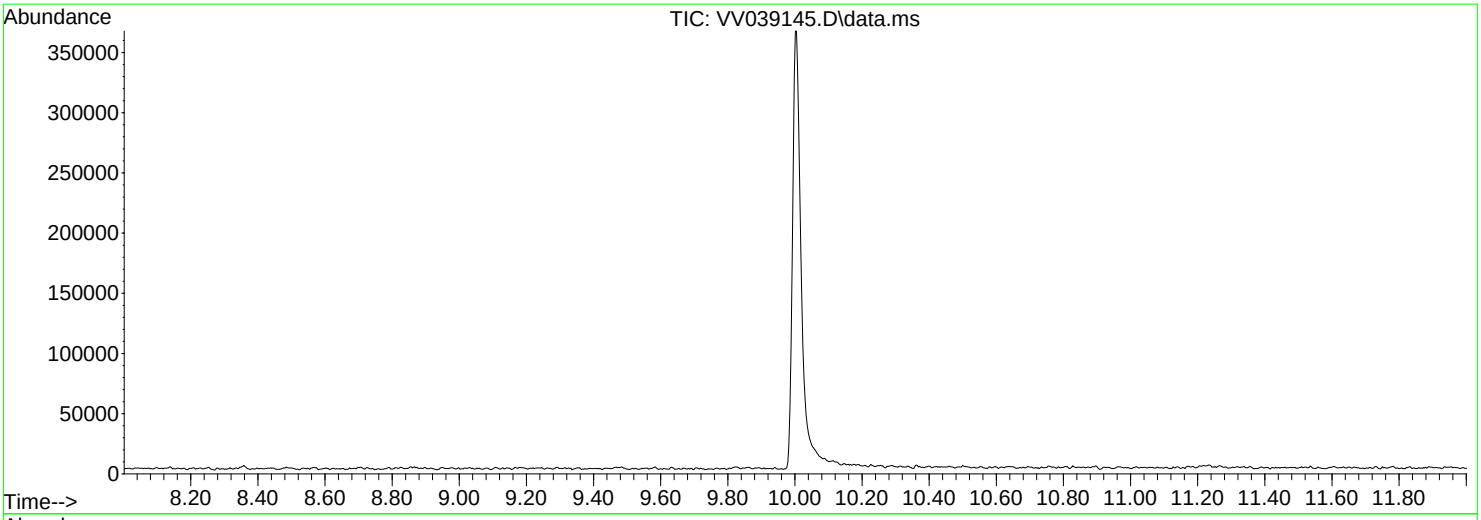
Sample Results: **VV039145.D**

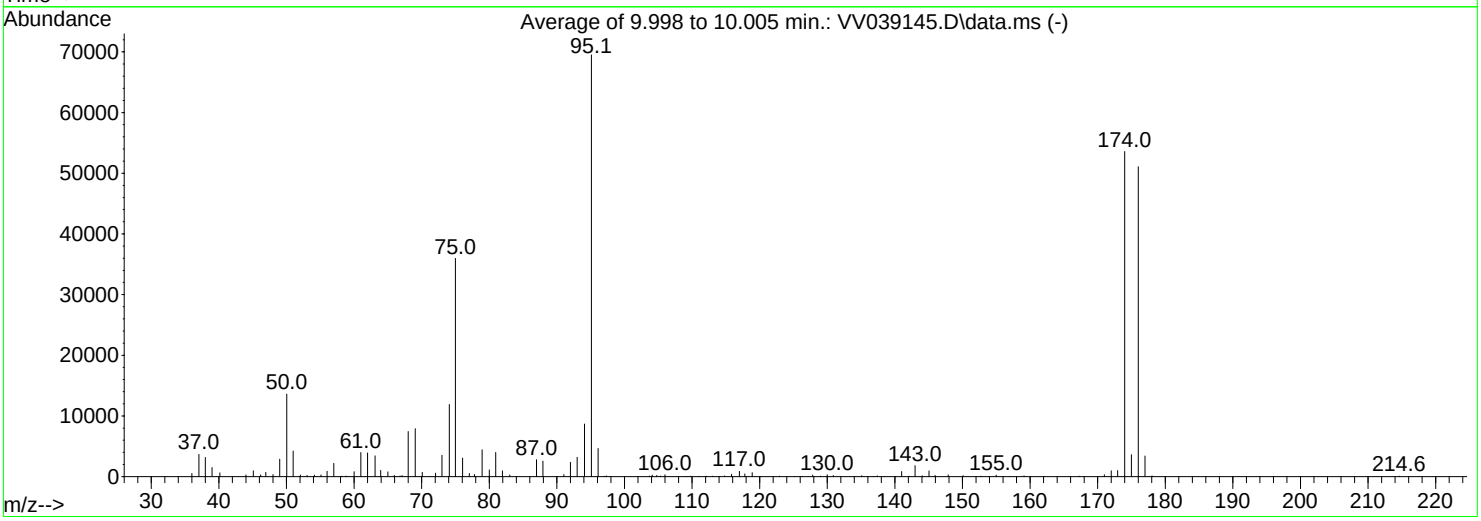
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039145.D
Acq On : 24 Sep 2025 09:52
Operator : SY/MD
Sample : BFB
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260
Last Update : Wed Sep 24 08:08:08 2025





AutoFind: Scans 2786, 2787, 2788; Background Corrected with Scan 2776

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.6	13613	PASS
75	95	30	60	51.7	35965	PASS
95	95	100	100	100.0	69512	PASS
96	95	5	9	6.7	4635	PASS
173	174	0.00	2	1.9	995	PASS
174	95	50	100	77.1	53579	PASS
175	174	5	9	6.7	3610	PASS
176	174	95	101	95.3	51064	PASS
177	176	5	9	6.6	3395	PASS

Raw Data: **VV039148.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Pit		Date Received:		
Client Sample ID:	VV0924WBL01		SDG No.:	Q3173	
Lab Sample ID:	VV0924WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039148.D	1	09/24/25 13:09	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Raw Data: **VV039148.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Pit		Date Received:		
Client Sample ID:	VV0924WBL01		SDG No.:	Q3173	
Lab Sample ID:	VV0924WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039148.D	1	09/24/25 13:09	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.2		74 - 125	124%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	44.1		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	464000	4.596			
540-36-3	1,4-Difluorobenzene	859000	5.532			
3114-55-4	Chlorobenzene-d5	832000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	379000	11.175			

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_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Time: Sep 25 04:44:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

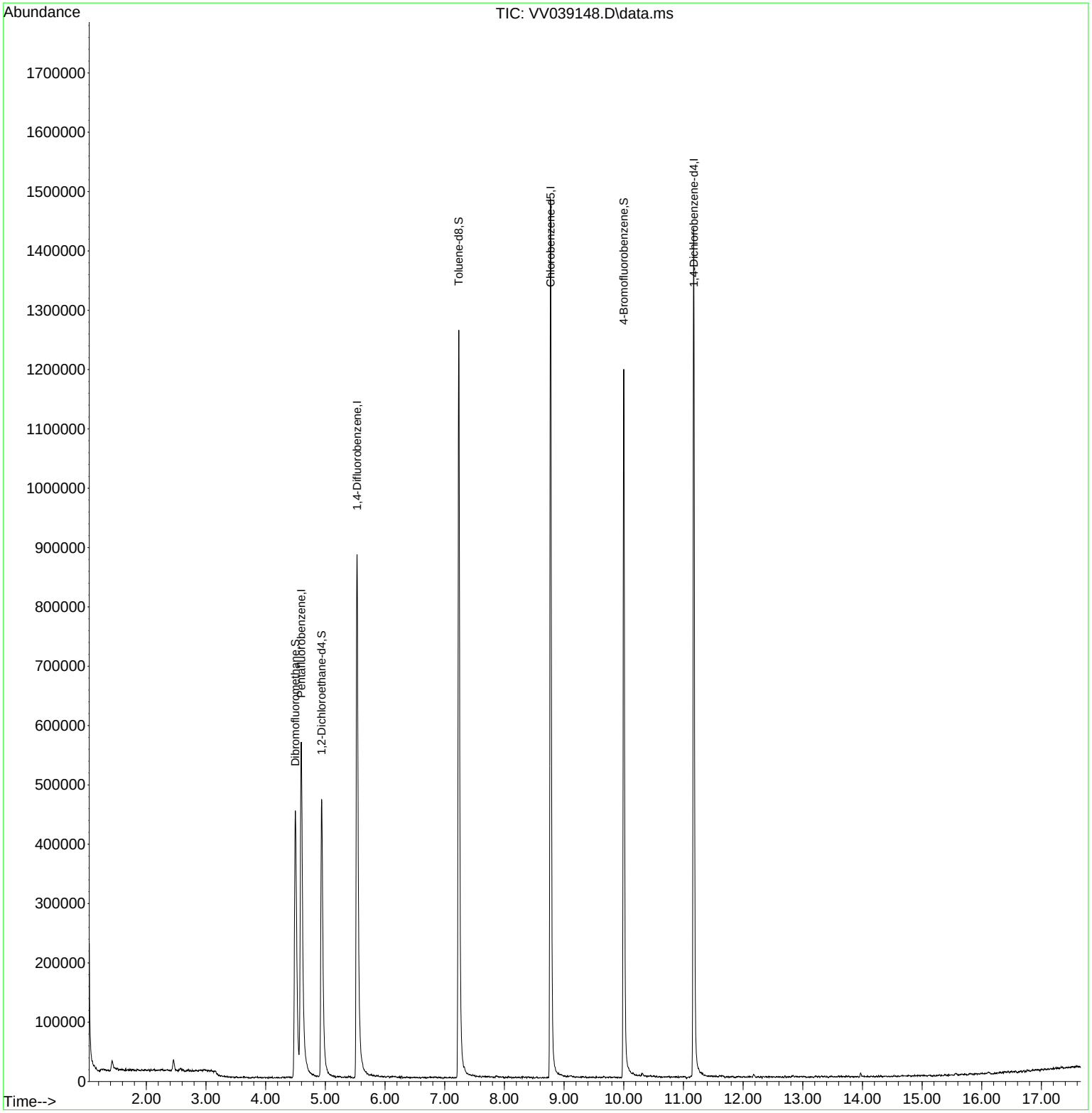
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	463770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	858892	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	831675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	379013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	417696	62.230	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 124.460%#			
35) Dibromofluoromethane	4.497	113	376781	54.568	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 109.140%			
50) Toluene-d8	7.236	98	894968	44.132	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.260%#			
62) 4-Bromofluorobenzene	10.001	95	400947	48.026	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.060%			
Target Compounds						Qvalue

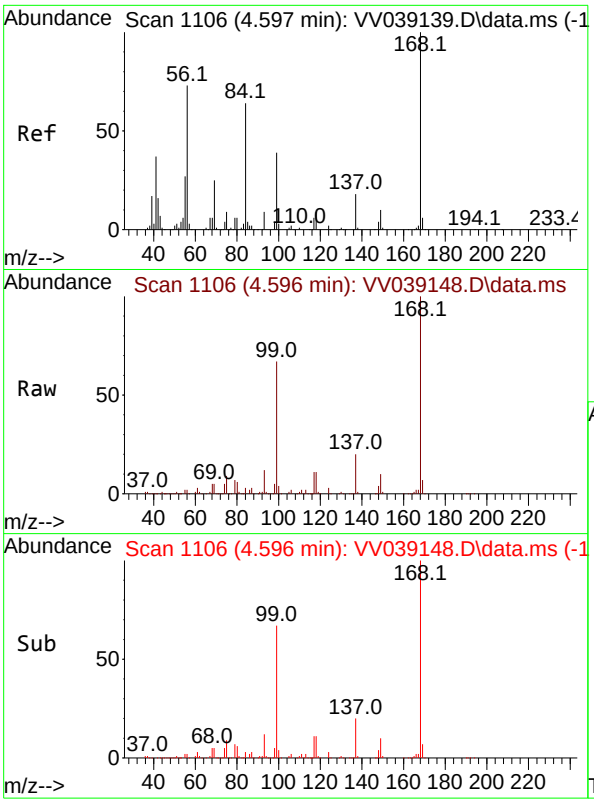
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Time: Sep 25 04:44:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



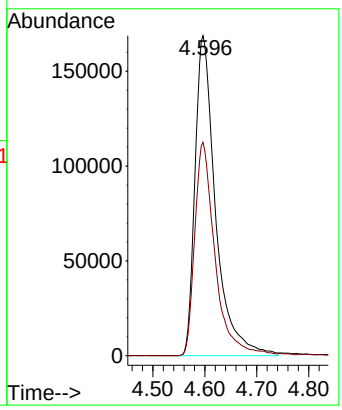


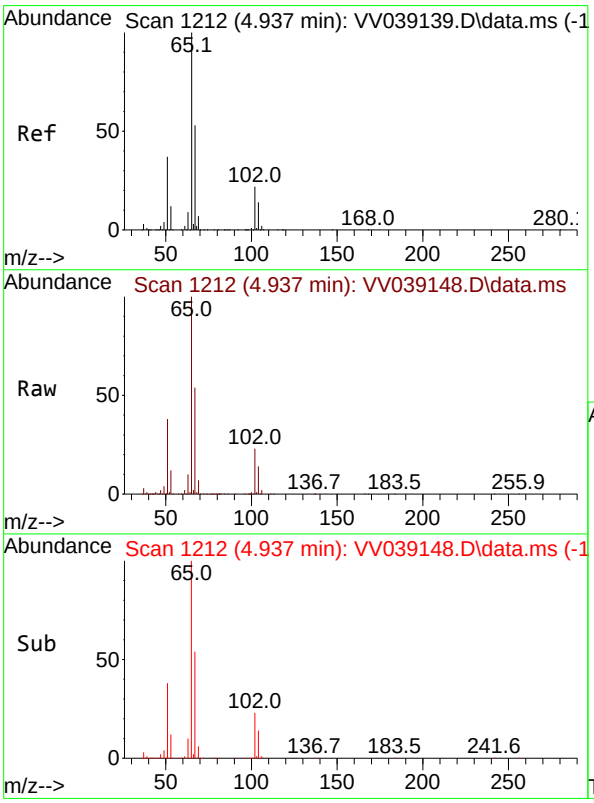
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:168 Resp: 463770

Ion	Ratio	Lower	Upper
168	100		
99	66.7	49.6	74.4

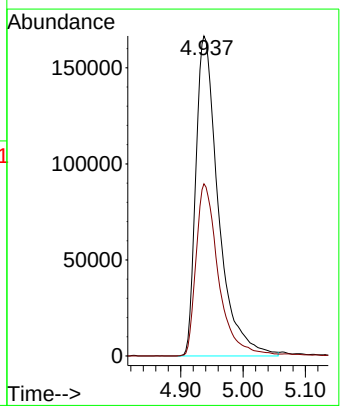


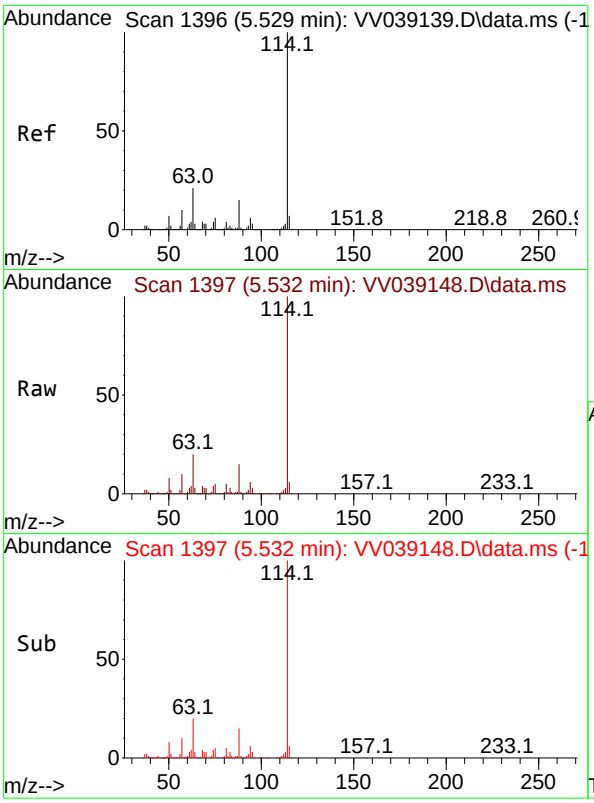


#33
1,2-Dichloroethane-d4
Concen: 62.230 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion: 65 Resp: 417696

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.0



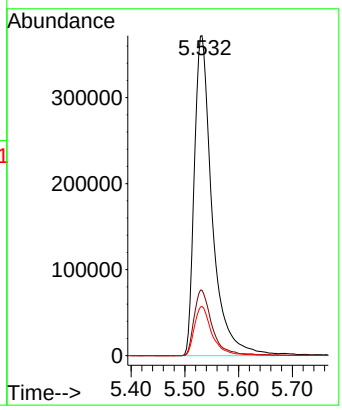


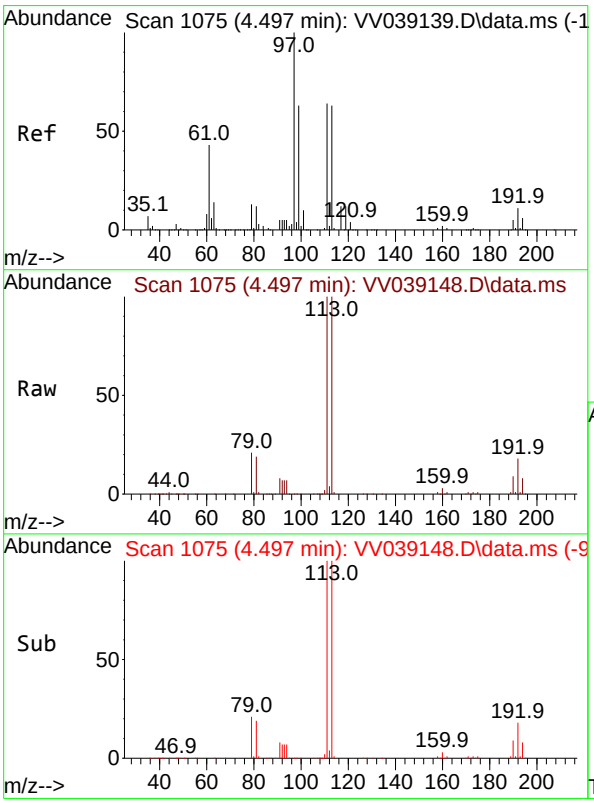
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:114 Resp: 858892

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	15.4	0.0	30.8

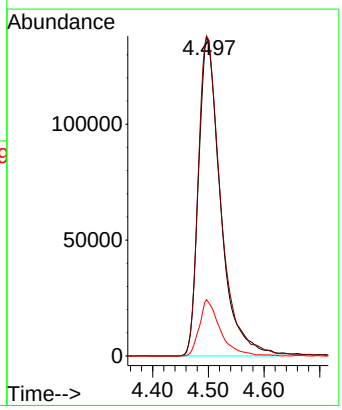


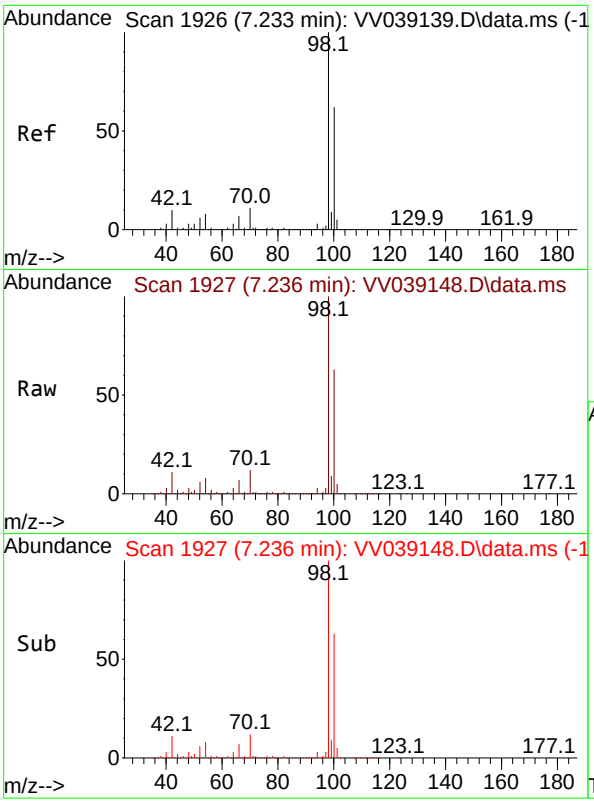


#35
Dibromofluoromethane
Concen: 54.568 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion:113 Resp: 376781

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	16.6	13.8	20.8



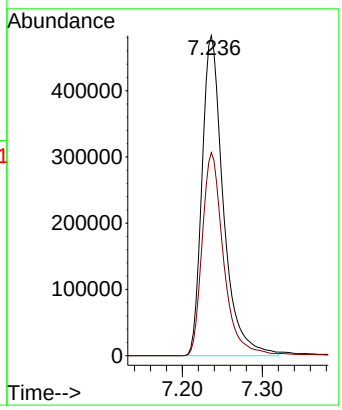


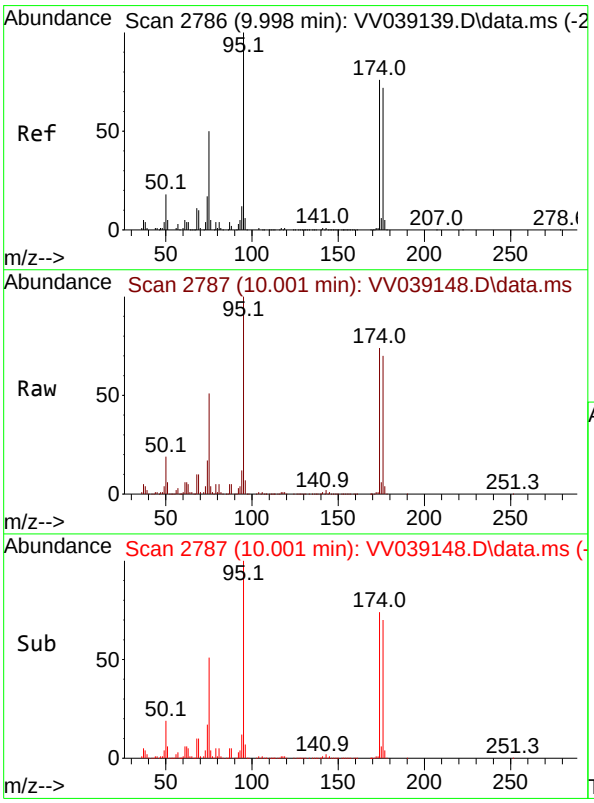
#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion: 98 Resp: 894968

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.2

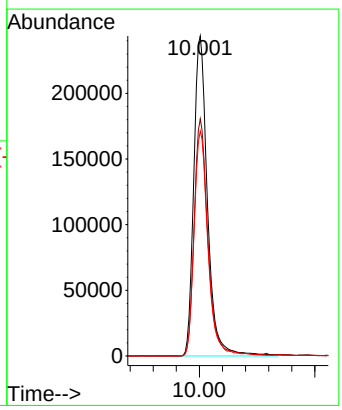


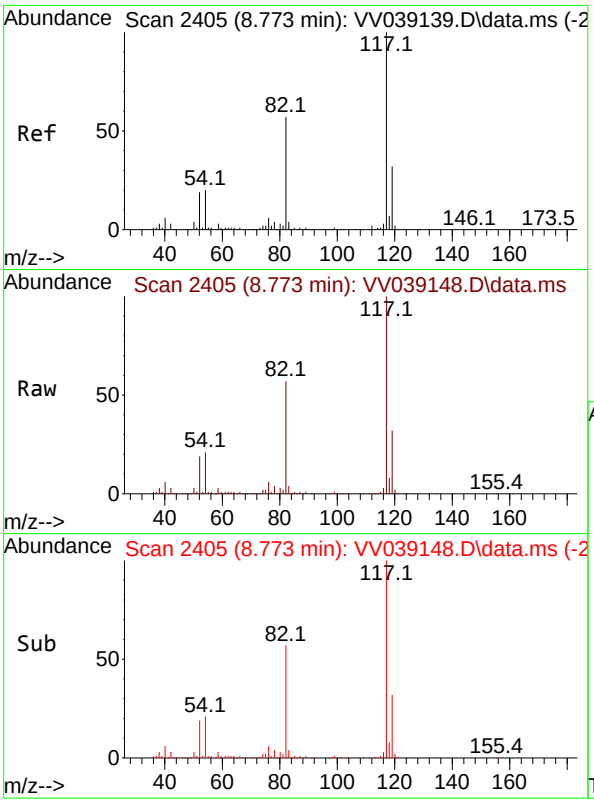


#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion: 95 Resp: 400947

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	150.4
176	70.4	0.0	144.2



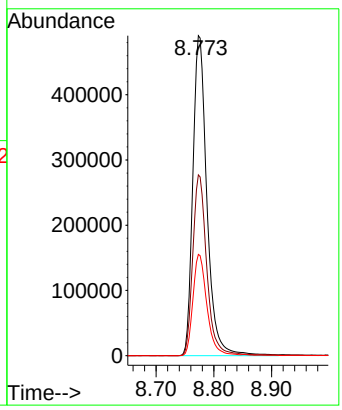


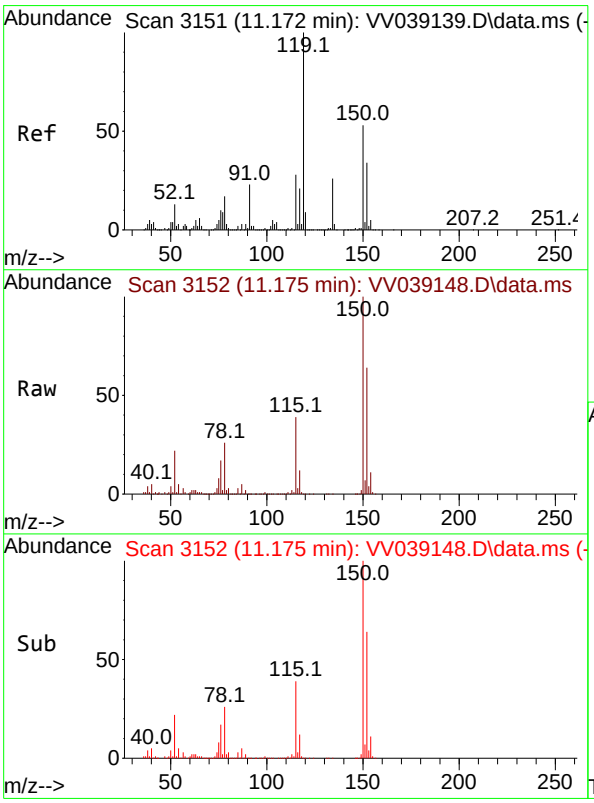
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:117 Resp: 831675

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.2
119	31.7	25.6	38.4

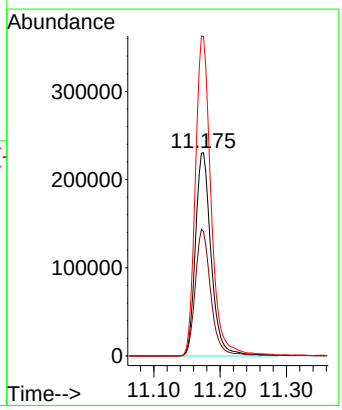




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion:152 Resp: 379013

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.8	134.4
150	157.4	0.0	353.8



Sample Results: **VV039148.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.426	111	120	130	rBV5	16630	35090	1.38%	0.230%
2	2.455	433	440	451	rVB4	18087	31588	1.24%	0.207%
3	4.497	1057	1075	1094	rBV2	450386	1192254	46.76%	7.800%
4	4.596	1094	1106	1145	rVB2	557832	1545205	60.61%	10.110%
5	4.937	1195	1212	1245	rBV	467561	1171324	45.94%	7.664%
6	5.532	1383	1397	1433	rBV	882266	2082399	81.67%	13.624%
7	7.236	1915	1927	1952	rBV	1260224	2372338	93.05%	15.521%
8	8.773	2395	2405	2443	rBV	1482069	2549623	100.00%	16.681%
9	10.001	2776	2787	2809	rBV	1194118	1970915	77.30%	12.895%
10	11.172	3140	3151	3175	rBV	1430252	2333631	91.53%	15.268%

Sum of corrected areas: 15284367

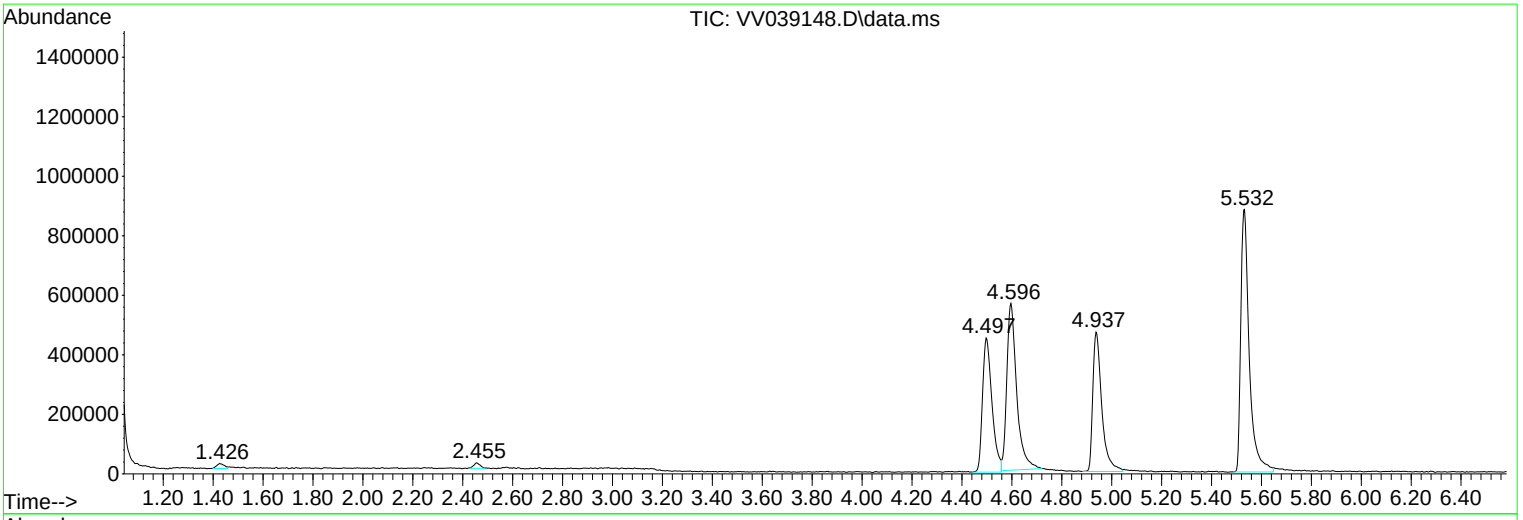
Sample Results: **VV039148.D**

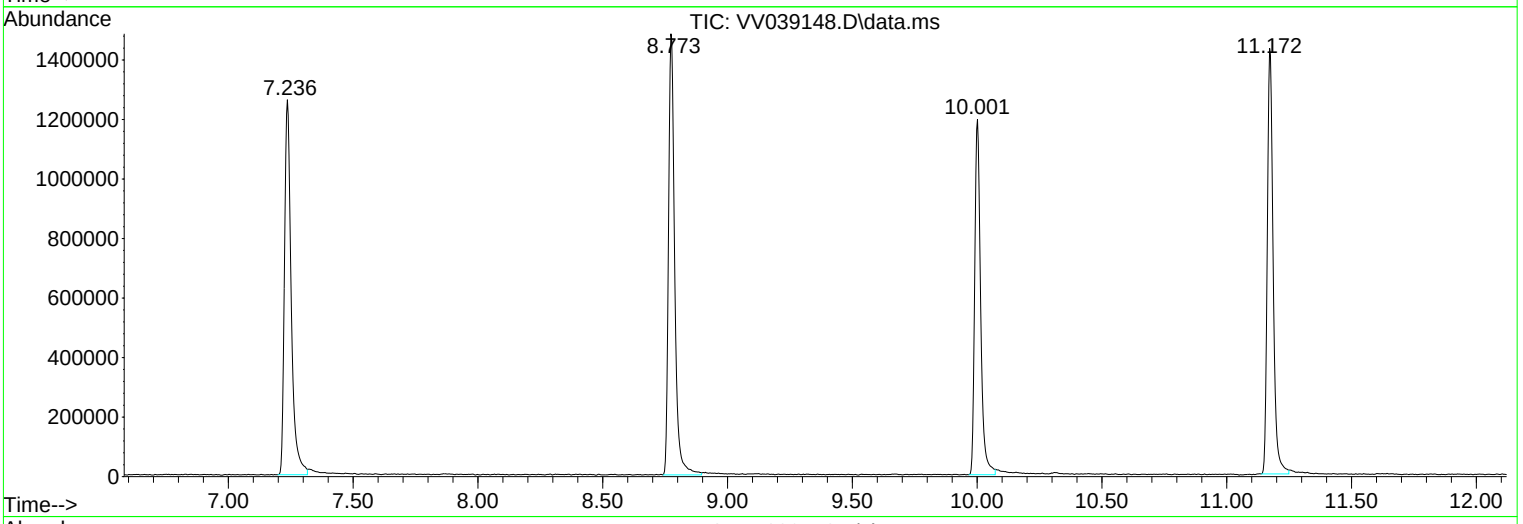
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

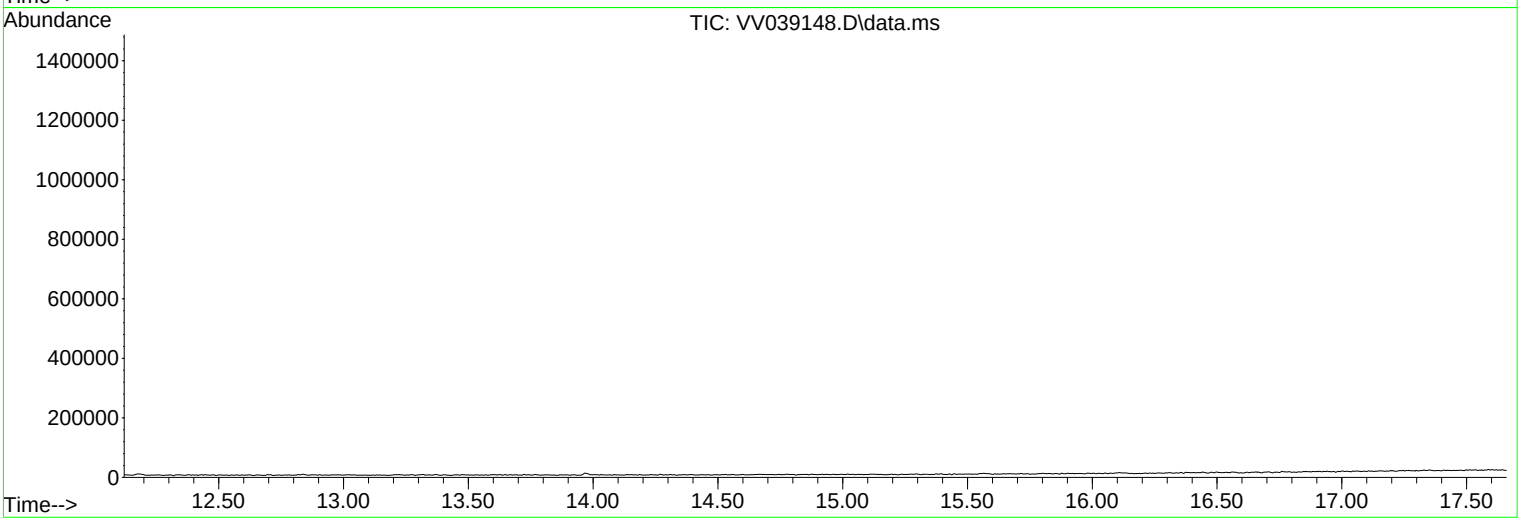
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039148.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039148.D
Acq On : 24 Sep 2025 13:09
Operator : SY/MD
Sample : VV0924WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VV039150.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Pit		Date Received:		
Client Sample ID:	VV0924WBS02		SDG No.:	Q3173	
Lab Sample ID:	VV0924WBS02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039150.D	1	09/24/25 14:01	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.26	1.00	ug/L
74-83-9	Bromomethane	20.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.1		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.9		0.16	1.00	ug/L
75-09-2	Methylene Chloride	22.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
67-66-3	Chloroform	19.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	21.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.5		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	20.2		0.23	1.00	ug/L

Raw Data: **VV039150.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Pit		Date Received:		
Client Sample ID:	VV0924WBS02		SDG No.:	Q3173	
Lab Sample ID:	VV0924WBS02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039150.D	1	09/24/25 14:01	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	43.2		0.24	2.00	ug/L
95-47-6	o-Xylene	20.4		0.12	1.00	ug/L
100-42-5	Styrene	18.9		0.15	1.00	ug/L
75-25-2	Bromoform	21.4		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.2		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	492000	4.6			
540-36-3	1,4-Difluorobenzene	796000	5.532			
3114-55-4	Chlorobenzene-d5	785000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	469000	11.172			

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_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	492318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	795602	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	784865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	468522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	349518	49.053	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.100%			
35) Dibromofluoromethane	4.500	113	319944	50.023	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.040%			
50) Toluene-d8	7.236	98	929285	49.469	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	10.002	95	402187	52.007	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 104.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	148756	19.087	ug/l	99
3) Chloromethane	1.230	50	159926	19.115	ug/l	98
4) Vinyl Chloride	1.298	62	173519	19.373	ug/l	100
5) Bromomethane	1.497	94	117993	20.897	ug/l	100
6) Chloroethane	1.561	64	117810	21.073	ug/l	99
7) Trichlorofluoromethane	1.725	101	259123	19.982	ug/l	99
8) Diethyl Ether	1.918	74	101938	21.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	151673	19.657	ug/l	99
10) Methyl Iodide	2.198	142	155103	21.109	ug/l	98
11) Tert butyl alcohol	2.568	59	166515	110.571	ug/l	99
12) 1,1-Dichloroethene	2.082	96	148258	19.973	ug/l	96
13) Acrolein	2.011	56	30535	116.851	ug/l	97
14) Allyl chloride	2.359	41	270301	20.386	ug/l	98
15) Acrylonitrile	2.674	53	510399	105.726	ug/l	100
16) Acetone	2.118	43	500511	107.135	ug/l	98
17) Carbon Disulfide	2.253	76	445608	19.629	ug/l	99
18) Methyl Acetate	2.381	43	236287	22.381	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	494520	20.907	ug/l	96
20) Methylene Chloride	2.458	84	185787	22.678	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	155320	19.655	ug/l	98
22) Diisopropyl ether	3.217	45	514292	20.273	ug/l	85
23) Vinyl Acetate	3.192	43	2297382	103.522	ug/l	100
24) 1,1-Dichloroethane	3.118	63	304665	19.638	ug/l	99
25) 2-Butanone	3.870	43	603602	105.789	ug/l	98
26) 2,2-Dichloropropane	3.812	77	246178	17.897	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	170071	19.514	ug/l	100
28) Bromochloromethane	4.146	49	138833	20.271	ug/l	96
29) Tetrahydrofuran	4.240	42	389964	109.192	ug/l	100
30) Chloroform	4.278	83	322270	19.894	ug/l	99
31) Cyclohexane	4.584	56	238107	18.736	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	279806	19.951	ug/l	97
36) 1,1-Dichloropropene	4.745	75	187909	19.432	ug/l	98
37) Ethyl Acetate	3.982	43	243790	20.776	ug/l #	92
38) Carbon Tetrachloride	4.735	117	232933	19.709	ug/l	100
39) Methylcyclohexane	6.047	83	228816	19.594	ug/l	96
40) Benzene	5.011	78	633991	20.134	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.166	41	96391	19.385	ug/l		93
42) 1,2-Dichloroethane	5.040	62	228142	20.677	ug/l		99
43) Isopropyl Acetate	5.195	43	337530	21.097	ug/l		99
44) Trichloroethene	5.831	130	147483	20.297	ug/l		99
45) 1,2-Dichloropropane	6.092	63	163901	20.941	ug/l		96
46) Dibromomethane	6.227	93	126157	21.059	ug/l		99
47) Bromodichloromethane	6.426	83	254692	20.565	ug/l		99
48) Methyl methacrylate	6.301	41	145228	20.025	ug/l		98
49) 1,4-Dioxane	6.294	88	46282	395.445	ug/l		91
51) 4-Methyl-2-Pentanone	7.150	43	1236058	117.436	ug/l		98
52) Toluene	7.310	92	398034	21.801	ug/l		99
53) t-1,3-Dichloropropene	7.577	75	233157	21.603	ug/l		96
54) cis-1,3-Dichloropropene	6.950	75	256176	21.501	ug/l		96
55) 1,1,2-Trichloroethane	7.764	97	171861	20.993	ug/l		97
56) Ethyl methacrylate	7.719	69	198833	20.452	ug/l		100
57) 1,3-Dichloropropane	7.934	76	277597	21.486	ug/l		97
58) 2-Chloroethyl Vinyl ether	6.815	63	517964	100.347	ug/l		99
59) 2-Hexanone	8.066	43	894828	106.669	ug/l		98
60) Dibromochloromethane	8.166	129	191297	20.508	ug/l		99
61) 1,2-Dibromoethane	8.275	107	179580	21.450	ug/l		99
64) Tetrachloroethene	7.899	164	132876	20.213	ug/l		98
65) Chlorobenzene	8.805	112	432358	19.777	ug/l		97
66) 1,1,1,2-Tetrachloroethane	8.899	131	156609	19.826	ug/l		100
67) Ethyl Benzene	8.937	91	658467	19.898	ug/l		100
68) m/p-Xylenes	9.063	106	551462	43.176	ug/l		99
69) o-Xylene	9.468	106	230630	20.393	ug/l		98
70) Styrene	9.487	104	431651	18.940	ug/l		98
71) Bromoform	9.654	173	131945	21.384	ug/l	#	98
73) Isopropylbenzene	9.857	105	671517	19.761	ug/l		100
74) N-amyl acetate	9.725	43	283249	20.897	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.166	83	286264	19.226	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	206903	19.396	ug/l		100
77) Bromobenzene	10.140	156	173461	19.674	ug/l		99
78) n-propylbenzene	10.278	91	836225	20.207	ug/l		100
79) 2-Chlorotoluene	10.349	91	511892	20.673	ug/l		98
80) 1,3,5-Trimethylbenzene	10.465	105	583511	20.659	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.931	75	86872	19.550	ug/l		99
82) 4-Chlorotoluene	10.465	91	594451	20.703	ug/l		100
83) tert-Butylbenzene	10.789	119	525337	18.652	ug/l		100
84) 1,2,4-Trimethylbenzene	10.841	105	564955	20.602	ug/l		100
85) sec-Butylbenzene	11.014	105	728021	19.488	ug/l		100
86) p-Isopropyltoluene	11.169	119	612071	19.685	ug/l		100
87) 1,3-Dichlorobenzene	11.108	146	349017	19.560	ug/l		100
88) 1,4-Dichlorobenzene	11.198	146	375846	19.199	ug/l		99
89) n-Butylbenzene	11.580	91	577604	19.451	ug/l		98
90) Hexachloroethane	11.821	117	135944	17.755	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	316105	18.962	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56358	21.271	ug/l		98
93) 1,2,4-Trichlorobenzene	13.185	180	178967	18.728	ug/l		99
94) Hexachlorobutadiene	13.368	225	89231	17.970	ug/l		99
95) Naphthalene	13.426	128	578144	18.718	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	187044	19.137	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

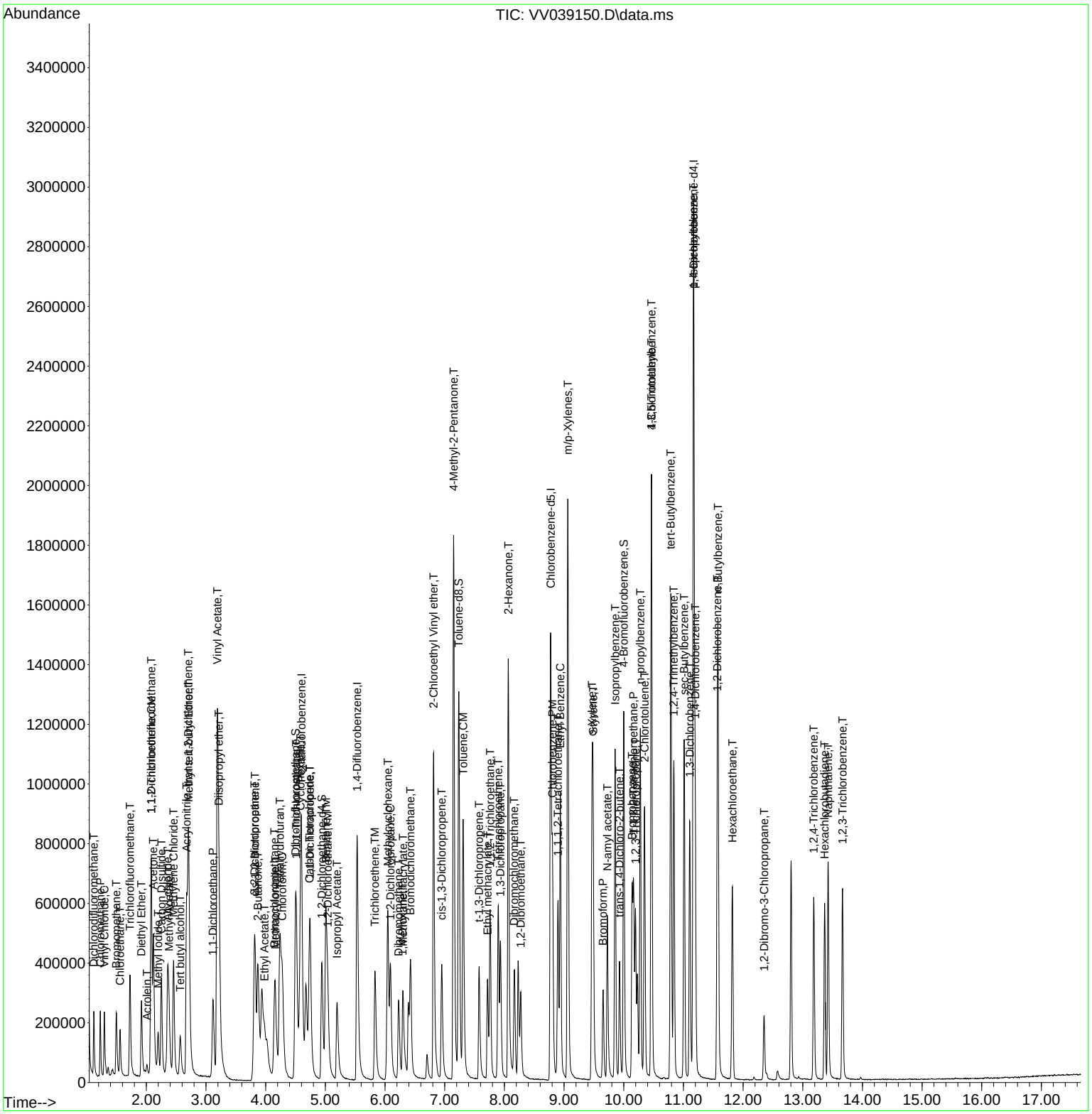
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On : 24 Sep 2025 14:01
Operator : SY/MD
Sample : VV0924WBS02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Raw Data: **VV039165.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Pit		Date Received:		
Client Sample ID:	VV0924WBSD02		SDG No.:	Q3173	
Lab Sample ID:	VV0924WBSD02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039165.D	1	09/24/25 19:59	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	18.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
74-83-9	Bromomethane	14.7		1.40	5.00	ug/L
75-00-3	Chloroethane	20.0		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.4		0.23	1.00	ug/L
67-64-1	Acetone	79.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
75-09-2	Methylene Chloride	20.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.1		0.23	1.00	ug/L
78-93-3	2-Butanone	92.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.8		0.19	1.00	ug/L
67-66-3	Chloroform	18.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
71-43-2	Benzene	18.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.5		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L

Raw Data: **VV039165.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Pit	Date Received:	
Client Sample ID:	VV0924WBSD02	SDG No.:	Q3173
Lab Sample ID:	VV0924WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039165.D	1	09/24/25 19:59	VV092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.4		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	17.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.9		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.5		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	545000	4.6			
540-36-3	1,4-Difluorobenzene	904000	5.532			
3114-55-4	Chlorobenzene-d5	885000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	511000	11.172			

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_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	545364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	903558	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	885424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	510716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	390603	49.487	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.980%			
35) Dibromofluoromethane	4.503	113	363843	50.089	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.180%			
50) Toluene-d8	7.236	98	1080761	50.659	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.320%			
62) 4-Bromofluorobenzene	10.001	95	483167	55.014	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 110.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	156320	18.107	ug/l	98
3) Chloromethane	1.230	50	168337	18.164	ug/l	100
4) Vinyl Chloride	1.298	62	180006	18.142	ug/l	99
5) Bromomethane	1.497	94	91963	14.703	ug/l	99
6) Chloroethane	1.561	64	124416	20.020	ug/l	100
7) Trichlorofluoromethane	1.725	101	271403	18.893	ug/l	99
8) Diethyl Ether	1.918	74	98678	18.504	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	162784	19.045	ug/l	98
10) Methyl Iodide	2.198	142	97066	11.925	ug/l	99
11) Tert butyl alcohol	2.568	59	177476	106.387	ug/l	97
12) 1,1-Dichloroethene	2.082	96	159305	19.374	ug/l	92
13) Acrolein	2.011	56	32659	112.823	ug/l	95
14) Allyl chloride	2.359	41	262106	17.845	ug/l	98
15) Acrylonitrile	2.677	53	500749	93.637	ug/l	99
16) Acetone	2.121	43	420916	79.697	ug/l	98
17) Carbon Disulfide	2.253	76	461436	18.349	ug/l	99
18) Methyl Acetate	2.381	43	235110	20.104	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	506464	19.329	ug/l	99
20) Methylene Chloride	2.458	84	191133	20.897	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	163017	18.623	ug/l	99
22) Diisopropyl ether	3.217	45	524404	18.661	ug/l	84
23) Vinyl Acetate	3.191	43	2227046	90.591	ug/l	99
24) 1,1-Dichloroethane	3.117	63	311443	18.122	ug/l	99
25) 2-Butanone	3.873	43	581279	91.967	ug/l	99
26) 2,2-Dichloropropane	3.812	77	223757	14.684	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	181034	18.752	ug/l	99
28) Bromochloromethane	4.150	49	145773	19.214	ug/l	95
29) Tetrahydrofuran	4.243	42	385403	97.419	ug/l	99
30) Chloroform	4.278	83	330400	18.412	ug/l	97
31) Cyclohexane	4.584	56	258917	18.392	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	285397	18.370	ug/l	98
36) 1,1-Dichloropropene	4.748	75	205485	18.711	ug/l	98
37) Ethyl Acetate	3.982	43	238455	17.894	ug/l	98
38) Carbon Tetrachloride	4.735	117	243831	18.166	ug/l	98
39) Methylcyclohexane	6.050	83	241644	18.220	ug/l	97
40) Benzene	5.011	78	673840	18.842	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.166	41	96133	17.256	ug/l		93
42) 1,2-Dichloroethane	5.043	62	232378	18.545	ug/l		100
43) Isopropyl Acetate	5.198	43	339665	18.694	ug/l		99
44) Trichloroethene	5.831	130	158174	19.167	ug/l		100
45) 1,2-Dichloropropane	6.092	63	172229	19.376	ug/l		97
46) Dibromomethane	6.230	93	128940	18.952	ug/l		97
47) Bromodichloromethane	6.429	83	257271	18.292	ug/l		97
48) Methyl methacrylate	6.301	41	148719	18.056	ug/l		99
49) 1,4-Dioxane	6.297	88	52205	392.759	ug/l		94
51) 4-Methyl-2-Pentanone	7.149	43	1220207	102.079	ug/l		99
52) Toluene	7.310	92	415722	20.049	ug/l		100
53) t-1,3-Dichloropropene	7.577	75	226898	18.511	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	259523	19.179	ug/l		98
55) 1,1,2-Trichloroethane	7.764	97	171629	18.460	ug/l		97
56) Ethyl methacrylate	7.719	69	204966	18.564	ug/l		98
57) 1,3-Dichloropropane	7.934	76	277934	18.942	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.815	63	486078	84.589	ug/l		99
59) 2-Hexanone	8.066	43	867936	91.441	ug/l		99
60) Dibromochloromethane	8.169	129	195919	18.494	ug/l		100
61) 1,2-Dibromoethane	8.275	107	183626	19.312	ug/l		99
64) Tetrachloroethene	7.899	164	146324	19.730	ug/l		98
65) Chlorobenzene	8.805	112	491329	19.922	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	162674	18.255	ug/l		100
67) Ethyl Benzene	8.937	91	716157	19.183	ug/l		99
68) m/p-Xylenes	9.063	106	582336	40.415	ug/l		99
69) o-Xylene	9.468	106	252664	19.804	ug/l		98
70) Styrene	9.487	104	457807	17.897	ug/l		99
71) Bromoform	9.654	173	131160	18.843	ug/l	#	99
73) Isopropylbenzene	9.857	105	724475	19.558	ug/l		99
74) N-amyl acetate	9.725	43	279661	18.927	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290148	17.877	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	219335	18.862	ug/l		100
77) Bromobenzene	10.140	156	183095	19.051	ug/l		97
78) n-propylbenzene	10.278	91	881210	19.535	ug/l		100
79) 2-Chlorotoluene	10.349	91	539084	19.972	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	620336	20.148	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.931	75	82955	17.126	ug/l		98
82) 4-Chlorotoluene	10.464	91	626744	20.025	ug/l		100
83) tert-Butylbenzene	10.789	119	563652	18.359	ug/l		100
84) 1,2,4-Trimethylbenzene	10.841	105	604069	20.209	ug/l		99
85) sec-Butylbenzene	11.014	105	783211	19.233	ug/l		100
86) p-Isopropyltoluene	11.165	119	661055	19.504	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	362792	18.652	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	381649	17.885	ug/l		98
89) n-Butylbenzene	11.580	91	608918	18.812	ug/l		98
90) Hexachloroethane	11.818	117	138165	16.554	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	335832	18.481	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	57082	19.730	ug/l		99
93) 1,2,4-Trichlorobenzene	13.185	180	191728	18.406	ug/l		100
94) Hexachlorobutadiene	13.368	225	91410	16.888	ug/l		99
95) Naphthalene	13.426	128	623030	18.505	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	199614	18.736	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

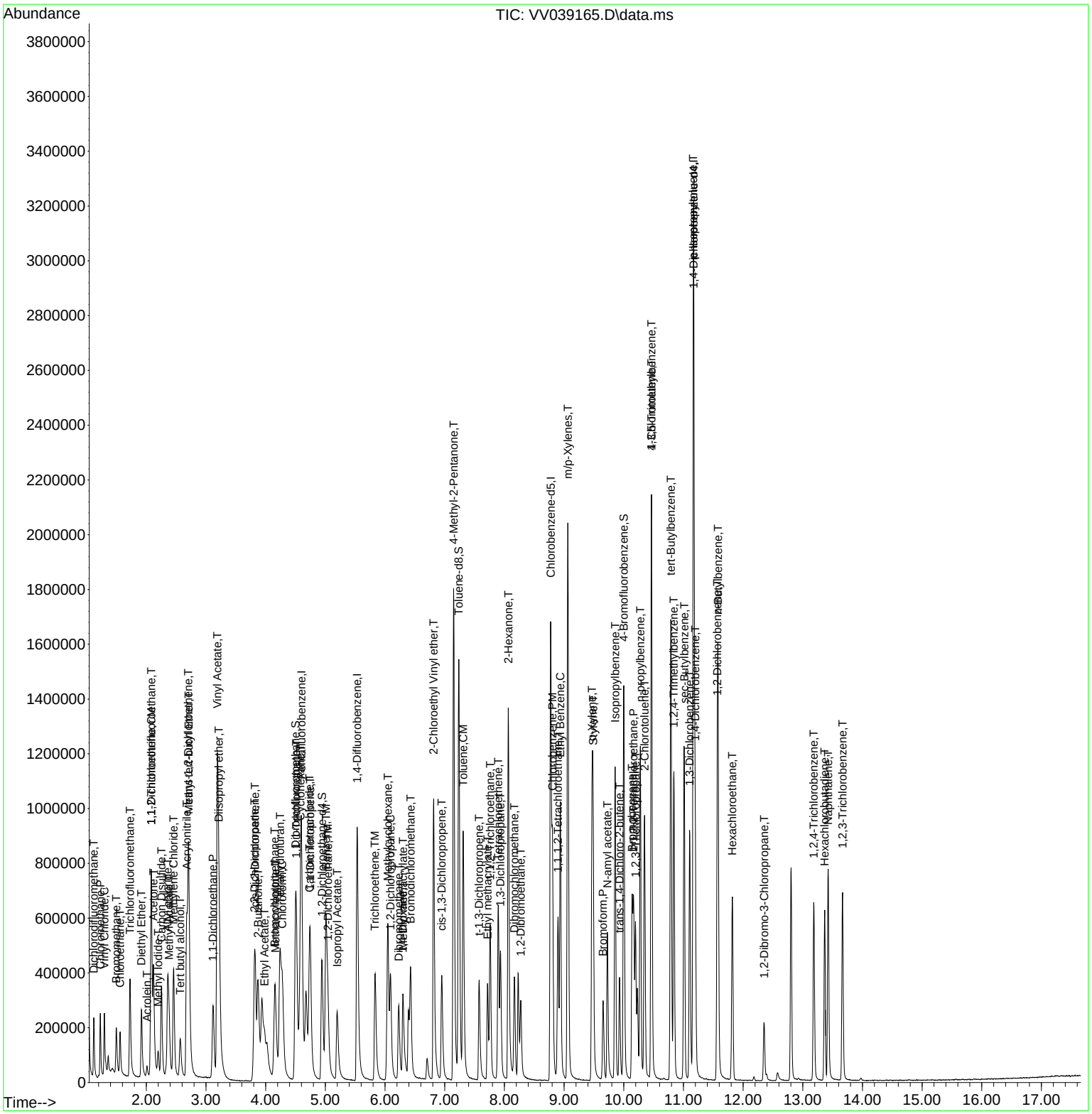
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039165.D
Acq On : 24 Sep 2025 19:59
Operator : SY/MD
Sample : VV0924WBSD02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VV039142.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:38:50 AM	SAM	9/26/2025 1:57:11 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	1,1-Dichloropropene	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	1,4-Dichlorobenzene	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	1,4-Dioxane	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	2,2-Dichloropropane	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	2-Butanone	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Carbon Tetrachloride	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Ethyl Acetate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Ethyl methacrylate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Isopropyl Acetate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Methacrylonitrile	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Methyl methacrylate	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software
VSTDICC001	VV039143.D	Naphthalene	MMDadoda	9/26/2025 1:38:52 AM	SAM	9/26/2025 1:57:13 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VV039144.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:38:55 AM	SAM	9/26/2025 1:57:15 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VV092425	Instrument	MSVOA_v

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_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092225

Review By	Mahesh Dadoda	Review On	9/26/2025 1:39:32 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 1:56:56 AM				
SubDirectory	VV092225	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135580
Initial Calibration Stds	VP135581,VP135582,VP135583,VP135584,VP135585,VP135586
CCC	
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039134.D	22 Sep 2025 10:15	SY/MD	Ok
2	VSTDICC001	VV039135.D	22 Sep 2025 10:59	SY/MD	Not Ok
3	VSTDICC005	VV039136.D	22 Sep 2025 11:30	SY/MD	Not Ok
4	VSTDICC010	VV039137.D	22 Sep 2025 12:26	SY/MD	Ok
5	VSTDICC020	VV039138.D	22 Sep 2025 12:48	SY/MD	Ok
6	VSTDICCC050	VV039139.D	22 Sep 2025 13:26	SY/MD	Ok
7	VSTDICC100	VV039140.D	22 Sep 2025 13:49	SY/MD	Ok
8	VIBLK	VV039141.D	22 Sep 2025 14:21	SY/MD	Ok
9	VSTDICC005	VV039142.D	22 Sep 2025 15:37	SY/MD	Ok,M
10	VSTDICC001	VV039143.D	22 Sep 2025 16:35	SY/MD	Ok,M
11	VSTDICV050	VV039144.D	22 Sep 2025 16:58	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM		
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039145.D	24 Sep 2025 09:52	SY/MD	Ok
2	VSTDCCC050	VV039146.D	24 Sep 2025 10:49	SY/MD	Ok
3	VV0924MBL01	VV039147.D	24 Sep 2025 12:08	SY/MD	Ok
4	VV0924WBL01	VV039148.D	24 Sep 2025 13:09	SY/MD	Ok
5	VV0924WBS01	VV039149.D	24 Sep 2025 13:37	SY/MD	Not Ok
6	VV0924WBS02	VV039150.D	24 Sep 2025 14:01	SY/MD	Ok
7	Q3173-02	VV039151.D	24 Sep 2025 14:46	SY/MD	Ok
8	Q3173-01	VV039152.D	24 Sep 2025 15:08	SY/MD	Ok
9	Q3175-01	VV039153.D	24 Sep 2025 15:31	SY/MD	Dilution
10	Q3175-02	VV039154.D	24 Sep 2025 15:53	SY/MD	Dilution
11	VIBLK	VV039155.D	24 Sep 2025 16:16	SY/MD	Ok
12	VIBLK	VV039156.D	24 Sep 2025 16:38	SY/MD	Ok
13	Q3172-01	VV039157.D	24 Sep 2025 17:00	SY/MD	Dilution
14	Q3172-02	VV039158.D	24 Sep 2025 17:22	SY/MD	Dilution
15	Q3172-03	VV039159.D	24 Sep 2025 17:45	SY/MD	ReRun
16	Q3164-01	VV039160.D	24 Sep 2025 18:07	SY/MD	Ok
17	Q3164-02	VV039161.D	24 Sep 2025 18:30	SY/MD	Not Ok
18	Q3164-03	VV039162.D	24 Sep 2025 18:52	SY/MD	Ok
19	VIBLK	VV039163.D	24 Sep 2025 19:15	SY/MD	Ok
20	VIBLK	VV039164.D	24 Sep 2025 19:37	SY/MD	Ok,M
21	VV0924WBSD02	VV039165.D	24 Sep 2025 19:59	SY/MD	Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM		
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VV039166.D	24 Sep 2025 20:22	SY/MD	Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092225

Review By	Mahesh Dadoda	Review On	9/26/2025 1:39:32 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 1:56:56 AM		
SubDirectory	VV092225	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135580
Initial Calibration Stds	VP135581,VP135582,VP135583,VP135584,VP135585,VP135586
CCC	
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039134.D	22 Sep 2025 10:15		SY/MD	Ok
2	VSTDICC001	VSTDICC001	VV039135.D	22 Sep 2025 10:59	Not use	SY/MD	Not Ok
3	VSTDICC005	VSTDICC005	VV039136.D	22 Sep 2025 11:30	Not use	SY/MD	Not Ok
4	VSTDICC010	VSTDICC010	VV039137.D	22 Sep 2025 12:26		SY/MD	Ok
5	VSTDICC020	VSTDICC020	VV039138.D	22 Sep 2025 12:48	QR- 06,16,20,70,92	SY/MD	Ok
6	VSTDICCC050	VSTDICCC050	VV039139.D	22 Sep 2025 13:26	LR- 41,58,59	SY/MD	Ok
7	VSTDICC100	VSTDICC100	VV039140.D	22 Sep 2025 13:49		SY/MD	Ok
8	VIBLK	VIBLK	VV039141.D	22 Sep 2025 14:21		SY/MD	Ok
9	VSTDICC005	VSTDICC005	VV039142.D	22 Sep 2025 15:37		SY/MD	Ok,M
10	VSTDICC001	VSTDICC001	VV039143.D	22 Sep 2025 16:35		SY/MD	Ok,M
11	VSTDICV050	ICVVV092225	VV039144.D	22 Sep 2025 16:58	Goof for Non-DOD	SY/MD	Ok,M

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM		
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039145.D	24 Sep 2025 09:52		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039146.D	24 Sep 2025 10:49	pH#lot#v14222	SY/MD	Ok
3	VV0924MBL01	VV0924MBL01	VV039147.D	24 Sep 2025 12:08		SY/MD	Ok
4	VV0924WBL01	VV0924WBL01	VV039148.D	24 Sep 2025 13:09		SY/MD	Ok
5	VV0924WBS01	VV0924WBS01	VV039149.D	24 Sep 2025 13:37	Recovery fail	SY/MD	Not Ok
6	VV0924WBS02	VV0924WBS02	VV039150.D	24 Sep 2025 14:01		SY/MD	Ok
7	Q3173-02	Field Blank	VV039151.D	24 Sep 2025 14:46	pH<2.0 A,FB	SY/MD	Ok
8	Q3173-01	OBS1	VV039152.D	24 Sep 2025 15:08	pH<2.0 A	SY/MD	Ok
9	Q3175-01	MW2	VV039153.D	24 Sep 2025 15:31	pH<2.0 A ,Need 20X	SY/MD	Dilution
10	Q3175-02	MW4	VV039154.D	24 Sep 2025 15:53	pH<2.0 A ,Need 20X	SY/MD	Dilution
11	VIBLK	VIBLK	VV039155.D	24 Sep 2025 16:16		SY/MD	Ok
12	VIBLK	VIBLK	VV039156.D	24 Sep 2025 16:38		SY/MD	Ok
13	Q3172-01	FW7D	VV039157.D	24 Sep 2025 17:00	pH<2.0 A ,Surrogate Fail;Need 100X	SY/MD	Dilution
14	Q3172-02	FW6D	VV039158.D	24 Sep 2025 17:22	pH<2.0 A ,Need 4X	SY/MD	Dilution
15	Q3172-03	GB3W	VV039159.D	24 Sep 2025 17:45	pH<2.0 A ,E flag of previous sample	SY/MD	ReRun
16	Q3164-01	DA-1	VV039160.D	24 Sep 2025 18:07	pH<2.0 A	SY/MD	Ok
17	Q3164-02	DA-2	VV039161.D	24 Sep 2025 18:30	pH<2.0 A ,Confirm Concentration	SY/MD	Not Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:45:06 AM	
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:03:33 AM	
SubDirectory	VV092425	HP Acquire Method	MSVOA_V	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	VP135622
Initial Calibration Stds	
CCC	VP135623,VP135624
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3164-03	DA-3	VV039162.D	24 Sep 2025 18:52	pH<2.0 A	SY/MD	Ok
19	VIBLK	VIBLK	VV039163.D	24 Sep 2025 19:15		SY/MD	Ok
20	VIBLK	VIBLK	VV039164.D	24 Sep 2025 19:37		SY/MD	Ok,M
21	VV0924WBSD02	VV0924WBSD02	VV039165.D	24 Sep 2025 19:59		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VV039166.D	24 Sep 2025 20:22		SY/MD	Ok

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. 23173
COC Number 2045036

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Pit
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GV
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard 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: pdf/excel, MassDEP
- ☒ EDD FORMAT NJ SRP

ANALYSIS

1. TCL VOCs + MTBE + TBA
2.
3.
4.
5.
6.
7.
8.
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
Preservatives								X									← Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER
1.	OBS1	GW		X	9/23/25	1015	2	X									
2.	Field Blank			X	9/13/25	1000	2	X									
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	9/22/25 1547	1. [signature]
2.	9/23/25 1315	2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.2 °C
Comments: [signature]

Page ____ of ____

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3173 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/24/2025 9:26:00 AM
Project Name : Pit
Receive DateTime : 9/23/2025 1:15:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3173-01	OBS1	Water	09/23/2025	10:15					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3173-02	Field Blank	Water	09/23/2025	10:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 9/24/25 0950

Received By :
Date / Time : 09/24/25 0952 Rgh 4

Storage Area : **VOA Refridgerator Room**