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

Cover Page

Order ID : Q2929

Project ID : AEC-2025-0013- 500 Sterling Ave - Schenectady NY

Client : ATG-GREENVILLE AEC

Lab Sample Number	Client Sample Number
Q2929-01	DA3-SW2
Q2929-02	DA5-SW3
Q2929-03	DA5-SW4
Q2929-04	DA6-SW5

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

Signature : _____

Date: 8/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2929**

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

QA Review Signature: **KETAN PATEL** **Date:** **08/25/2025**

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

LAB CHRONICLE

OrderID:	Q2929	**OrderDate:**	8/21/2025 12:24:34 PM
Client:	ATG-GREENVILLE AEC	**Project:**	AEC-2025-0013- 500 Sterling Ave - Schenectady NY
Contact:	Staci Bruce	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2929-01	**DA3-SW2**	**Water**			**08/20/25**			**08/21/25**
			VOC-BTEX	8260-Low			08/21/25	
Q2929-02	**DA5-SW3**	**Water**			**08/20/25**			**08/21/25**
			VOC-BTEX	8260-Low			08/21/25	
Q2929-03	**DA5-SW4**	**Water**			**08/20/25**			**08/21/25**
			VOC-BTEX	8260-Low			08/22/25	
Q2929-04	**DA6-SW5**	**Water**			**08/20/25**			**08/21/25**
			VOC-BTEX	8260-Low			08/21/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2929

Client: ATG-GREENVILLE AEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2929

Client: ATG-GREENVILLE AEC

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2929-01	DA3-SW2	1,2-Dichloroethane-d4	50	50.6	101		74	125
		Dibromofluoromethane	50	40.5	81		75	124
		Toluene-d8	50	44.3	89		86	113
		4-Bromofluorobenzene	50	41.3	83		77	121
Q2929-02	DA5-SW3	1,2-Dichloroethane-d4	50	49.5	99		74	125
		Dibromofluoromethane	50	43.0	86		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
Q2929-03	DA5-SW4	1,2-Dichloroethane-d4	50	59.5	119		74	125
		Dibromofluoromethane	50	45.4	91		75	124
		Toluene-d8	50	45.9	92		86	113
		4-Bromofluorobenzene	50	46.2	92		77	121
Q2929-04	DA6-SW5	1,2-Dichloroethane-d4	50	54.2	108		74	125
		Dibromofluoromethane	50	46.6	93		75	124
		Toluene-d8	50	44.7	89		86	113
		4-Bromofluorobenzene	50	38.9	78		77	121
VV0821WBL01	VV0821WBL01	1,2-Dichloroethane-d4	50	48.2	96		74	125
		Dibromofluoromethane	50	43.8	88		75	124
		Toluene-d8	50	43.4	87		86	113
		4-Bromofluorobenzene	50	42.3	85		77	121
VV0821WBS01	VV0821WBS01	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	44.8	90		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	48.8	98		77	121
VV0821WBSD0	VV0821WBSD01	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	49.2	98		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	49.0	98		77	121
VV0822WBL01	VV0822WBL01	1,2-Dichloroethane-d4	50	60.0	120		74	125
		Dibromofluoromethane	50	47.4	95		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	49.3	99		77	121
VV0822WBS01	VV0822WBS01	1,2-Dichloroethane-d4	50	48.5	97		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	46.3	93		86	113
		4-Bromofluorobenzene	50	48.5	97		77	121

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2929 **Analytical Method:** SW8260-Low

Client: ATG-GREENVILLE AEC **Datafile :** VV038985.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0821WBS01	Benzene	20	19.2	ug/L	96			82	109	
	Toluene	20	19.4	ug/L	97			82	110	
	Ethyl Benzene	20	19.1	ug/L	96			83	109	
	m/p-Xylenes	40	36.4	ug/L	91			82	110	
	o-Xylene	20	19.6	ug/L	98			83	109	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2929 **Analytical Method:** SW8260-Low

Client: ATG-GREENVILLE AEC **Datafile :** VV038986.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0821WBSD01	Benzene	20	20.0	ug/L	100	4		82	109	15
	Toluene	20	20.3	ug/L	102	5		82	110	16
	Ethyl Benzene	20	19.9	ug/L	100	4		83	109	16
	m/p-Xylenes	40	41.8	ug/L	104	13		82	110	15
	o-Xylene	20	20.5	ug/L	103	5		83	109	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2929 **Analytical Method:** SW8260-Low

Client: ATG-GREENVILLE AEC **Datafile :** VV039011.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0822WBS01	Benzene	20	19.4	ug/L	97			82	109	
	Toluene	20	19.6	ug/L	98			82	110	
	Ethyl Benzene	20	20.7	ug/L	104			83	109	
	m/p-Xylenes	40	41.0	ug/L	103			82	110	
	o-Xylene	20	20.8	ug/L	104			83	109	

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VV0821WBL01

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q2929

Lab File ID: VV038984.D Lab Sample ID: VV0821WBL01

Date Analyzed: 08/21/2025 Time Analyzed: 16:34

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
VV0821WBS01	VV0821WBS01	VV038985.D	08/21/2025
VV0821WBSD01	VV0821WBSD01	VV038986.D	08/21/2025
DA3-SW2	Q2929-01	VV038987.D	08/21/2025
DA5-SW3	Q2929-02	VV038988.D	08/21/2025
DA6-SW5	Q2929-04	VV038990.D	08/21/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VV0822WBL01

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q2929

Lab File ID: VV039010.D Lab Sample ID: VV0822WBL01

Date Analyzed: 08/22/2025 Time Analyzed: 10:55

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
VV0822WBS01	VV0822WBS01	VV039011.D	08/22/2025
DA5-SW4	Q2929-03	VV039013.D	08/22/2025

COMMENTS:

Raw Data: **VV038972.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ATGG01
Lab Code: ACE
SDG NO.: Q2929
Lab File ID: VV038972.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_V
BFB Injection Time: 08:34
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	15.6
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	1.5 (1.9) 1
174	50.0 - 100.0% of mass 95	80.3
175	5.0 - 9.0% of mass 174	6.1 (7.6) 1
176	95.0 - 101.0% of mass 174	79.3 (98.8) 1
177	5.0 - 9.0% of mass 176	5.3 (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
VSTDICC001	VSTDICC001	VV038973.D	08/21/2025	09:05
VSTDICC005	VSTDICC005	VV038974.D	08/21/2025	09:48
VSTDICC020	VSTDICC020	VV038975.D	08/21/2025	10:17
VSTDICCC050	VSTDICCC050	VV038976.D	08/21/2025	10:38
VSTDICC100	VSTDICC100	VV038977.D	08/21/2025	11:02
VSTDICC010	VSTDICC010	VV038979.D	08/21/2025	11:45

Raw Data: **VV038981.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ATGG01
Lab Code: ACE
SDG NO.: Q2929
Lab File ID: VV038981.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_V
BFB Injection Time: 15:11
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	16
75	30.0 - 60.0% of mass 95	50.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	1.5 (1.8) 1
174	50.0 - 100.0% of mass 95	83.7
175	5.0 - 9.0% of mass 174	6.2 (7.4) 1
176	95.0 - 101.0% of mass 174	81.8 (97.8) 1
177	5.0 - 9.0% of mass 176	5.2 (6.4) 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	VV038982.D	08/21/2025	15:42
VV0821WBL01	VV0821WBL01	VV038984.D	08/21/2025	16:34
VV0821WBS01	VV0821WBS01	VV038985.D	08/21/2025	17:09
VV0821WBSD01	VV0821WBSD01	VV038986.D	08/21/2025	17:30
DA3-SW2	Q2929-01	VV038987.D	08/21/2025	17:52
DA5-SW3	Q2929-02	VV038988.D	08/21/2025	18:14
DA6-SW5	Q2929-04	VV038990.D	08/21/2025	18:57

Raw Data: **VV039008.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ATGG01
Lab Code: ACE
SDG NO.: Q2929
Lab File ID: VV039008.D
BFB Injection Date: 08/22/2025
Instrument ID: MSVOA_V
BFB Injection Time: 07:56
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	17.3
75	30.0 - 60.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	72
175	5.0 - 9.0% of mass 174	5.8 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (95.8) 1
177	5.0 - 9.0% of mass 176	4.2 (6.1) 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	VV039009.D	08/22/2025	09:03
VV0822WBL01	VV0822WBL01	VV039010.D	08/22/2025	10:55
VV0822WBS01	VV0822WBS01	VV039011.D	08/22/2025	11:22
DA5-SW4	Q2929-03	VV039013.D	08/22/2025	13:26

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q2929

Lab File ID: VV038982.D Date Analyzed: 08/21/2025

Instrument ID: MSVOA_V Time Analyzed: 15:42

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	531490	4.60	833989	5.53	788137	8.77
UPPER LIMIT	1062980	5.096	1667980	6.029	1576270	9.273
LOWER LIMIT	265745	4.096	416995	5.029	394069	8.273
EPA SAMPLE NO.						
DA3-SW2	403163	4.60	772384	5.54	680413	8.78
DA5-SW3	567969	4.60	999329	5.53	1081937	8.78
DA6-SW5	627795	4.60	1158287	5.53	1037879	8.78
VV0821WBL01	502511	4.60	836910	5.53	730493	8.78
VV0821WBS01	490499	4.60	863998	5.53	809489	8.77
VV0821WBSD01	484688	4.60	811429	5.53	760113	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q2929

Lab File ID: VV038982.D Date Analyzed: 08/21/2025

Instrument ID: MSVOA_V Time Analyzed: 15:42

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

	IS4 AREA #	RT #				
12 HOUR STD	452177	11.172				
UPPER LIMIT	904354	11.672				
LOWER LIMIT	226089	10.672				
EPA SAMPLE NO.						
DA3-SW2	276053	11.18				
DA5-SW3	465817	11.18				
DA6-SW5	449449	11.18				
VV0821WBL01	318475	11.18				
VV0821WBS01	439751	11.17				
VV0821WBSD01	414371	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q2929

Lab File ID: VV039009.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_V Time Analyzed: 09:03

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	735484	4.60	1263800	5.53	1133330	8.77
UPPER LIMIT	1470970	5.097	2527600	6.029	2266660	9.273
LOWER LIMIT	367742	4.097	631899	5.029	566665	8.273
EPA SAMPLE NO.						
DA5-SW4	582739	4.60	1134821	5.53	1033198	8.78
VV0822WBL01	530331	4.60	1082642	5.53	991839	8.78
VV0822WBS01	711068	4.60	1223613	5.53	1111109	8.77

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG NO.: Q2929

Lab File ID: VV039009.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_V Time Analyzed: 09:03

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

	IS4 AREA #	RT #				
12 HOUR STD	587247	11.172				
UPPER LIMIT	1174490	11.672				
LOWER LIMIT	293624	10.672				
EPA SAMPLE NO.						
DA5-SW4	449917	11.18				
VV0822WBL01	416909	11.18				
VV0822WBS01	587275	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: **VV038987.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	08/20/25
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	08/21/25
Client Sample ID:	DA3-SW2	SDG No.:	Q2929
Lab Sample ID:	Q2929-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038987.D	1	08/21/25 17:52	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	40.5		75 - 124	81%	SPK: 50
2037-26-5	Toluene-d8	44.3		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.3		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	403000	4.603			
540-36-3	1,4-Difluorobenzene	772000	5.535			
3114-55-4	Chlorobenzene-d5	680000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	276000	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\VV082125\
Data File : VV038987.D
Acq On : 21 Aug 2025 17:52
Operator : SY/MD
Sample : Q2929-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Quant Time: Aug 22 04:34:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

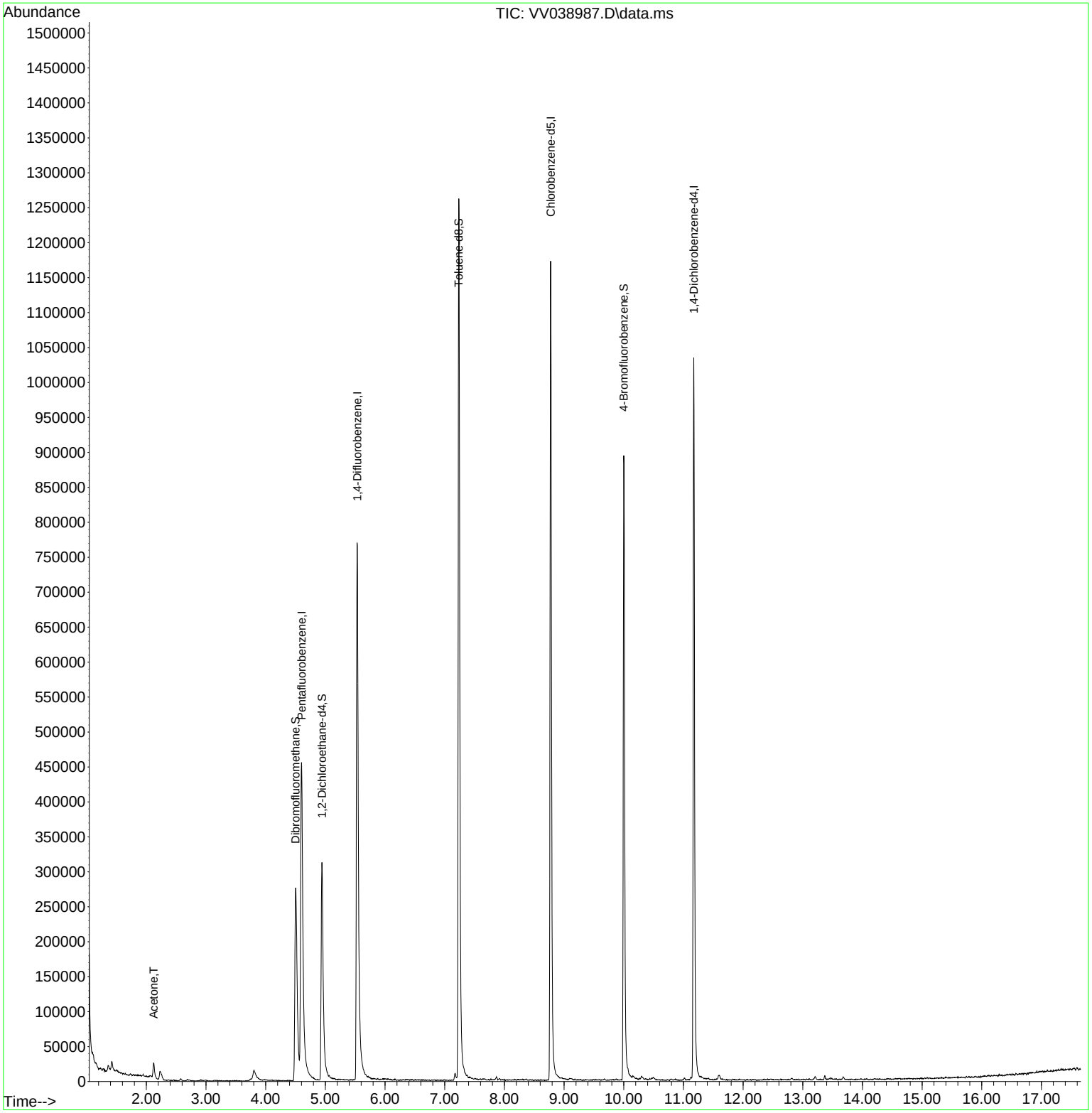
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	403163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	772384	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	680413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	276053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	286243	50.599	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 101.200%			
35) Dibromofluoromethane	4.503	113	234606	40.502	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 81.000%			
50) Toluene-d8	7.236	98	895038	44.312	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.620%#			
62) 4-Bromofluorobenzene	10.001	95	305062	41.285	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 82.560%#			
Target Compounds						Qvalue
16) Acetone	2.124	43	25404	11.189	ug/l	95

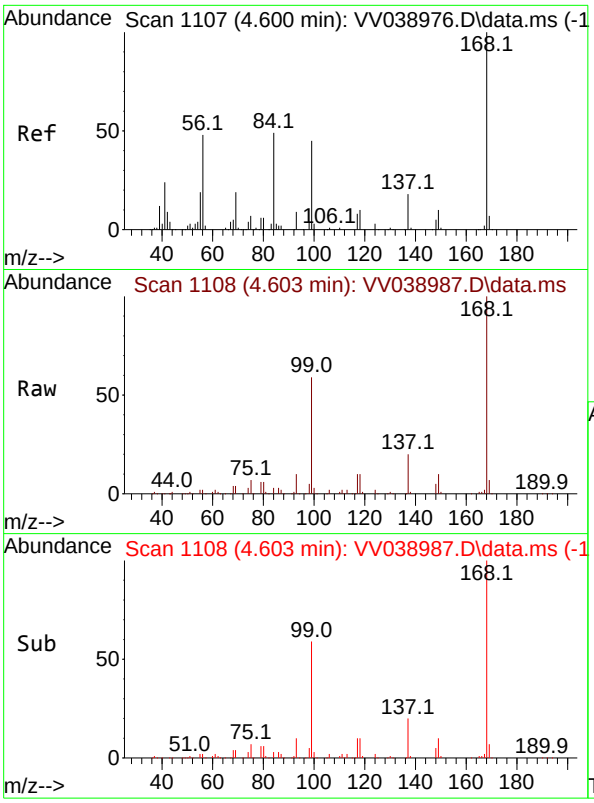
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038987.D
Acq On : 21 Aug 2025 17:52
Operator : SY/MD
Sample : Q2929-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Quant Time: Aug 22 04:34:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



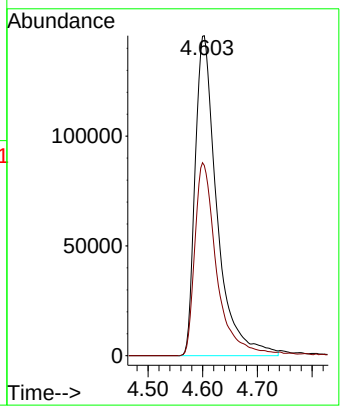


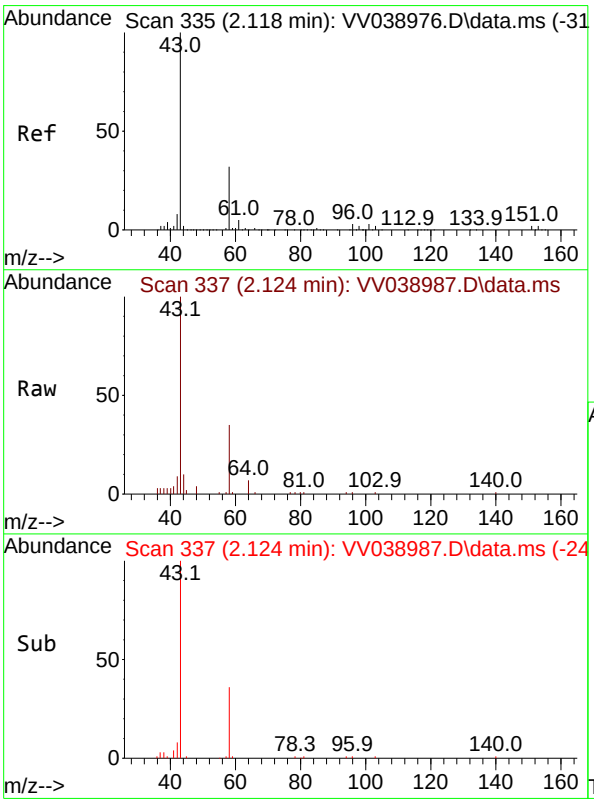
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Tgt Ion:168 Resp: 403163

Ion	Ratio	Lower	Upper
168	100		
99	59.5	47.0	70.6

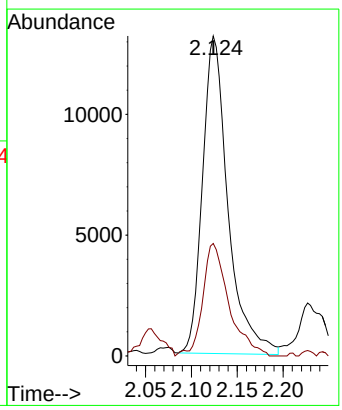


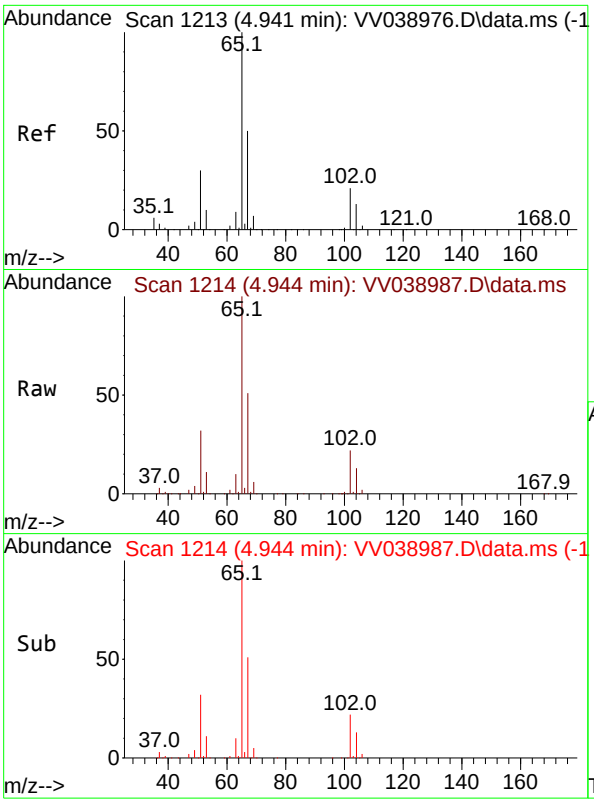


#16
Acetone
Concen: 11.189 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion: 43 Resp: 25404

Ion	Ratio	Lower	Upper
43	100		
58	35.5	26.3	39.5



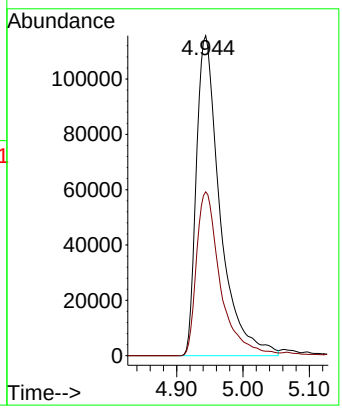


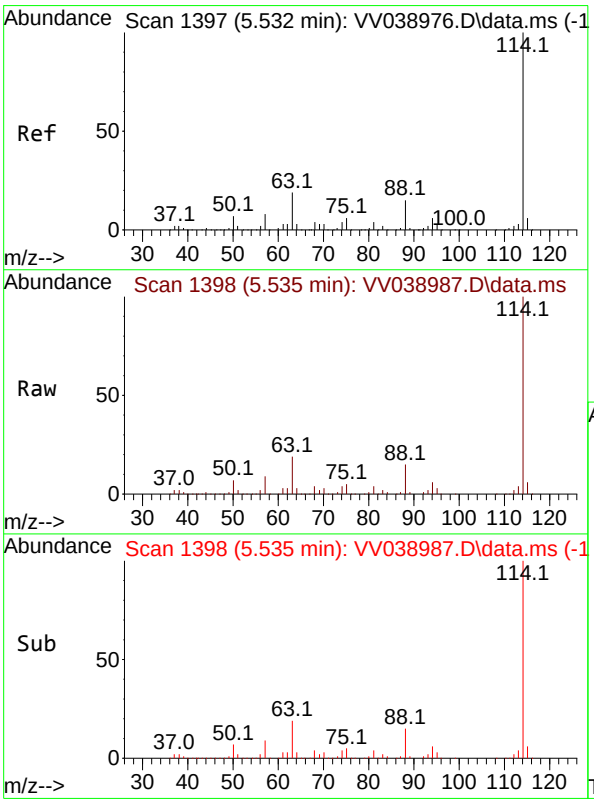
#33
1,2-Dichloroethane-d4
Concen: 50.599 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Tgt Ion: 65 Resp: 286243

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	100.4

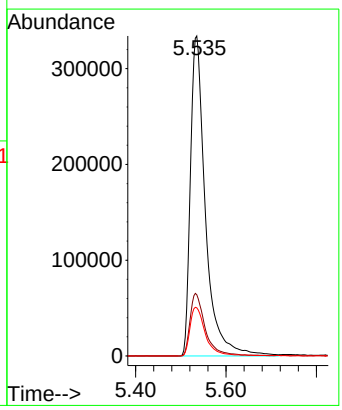


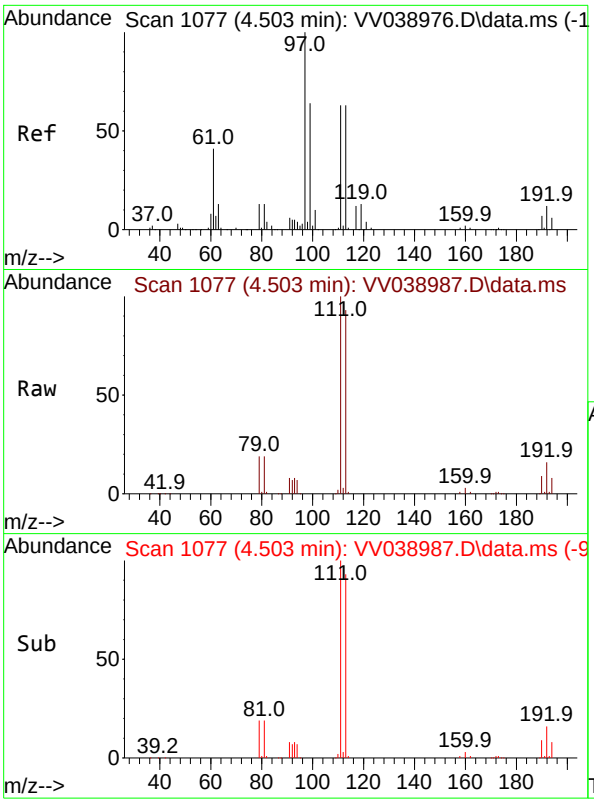


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion:114 Resp: 772384

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.4
88	15.0	0.0	30.4



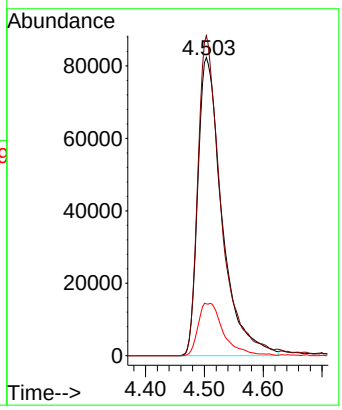


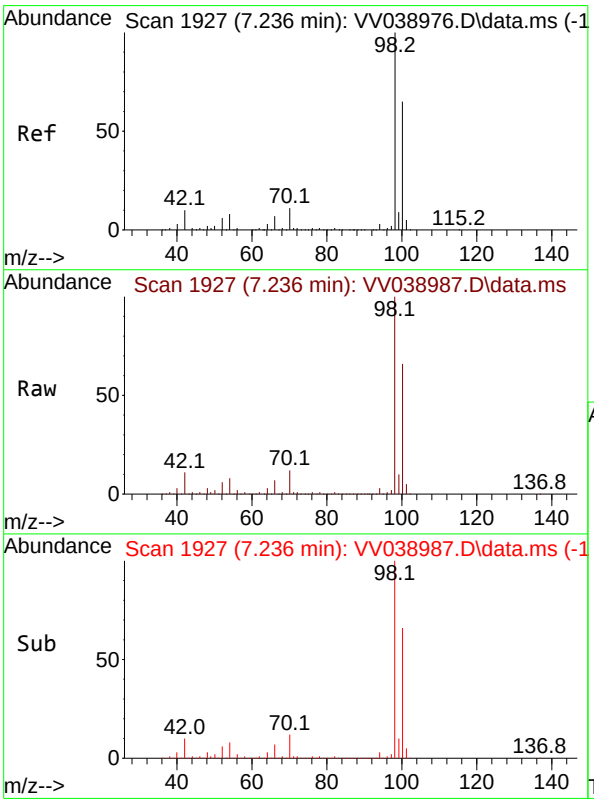
#35
Dibromofluoromethane
Concen: 40.502 ug/l
RT: 4.503 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Tgt Ion:113 Resp: 234606

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	18.5	15.4	23.0

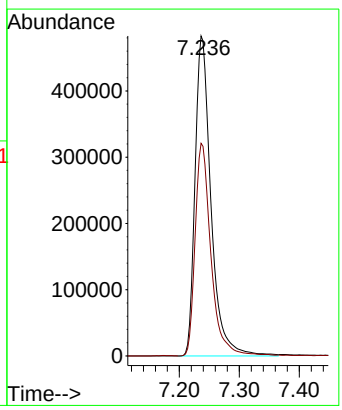


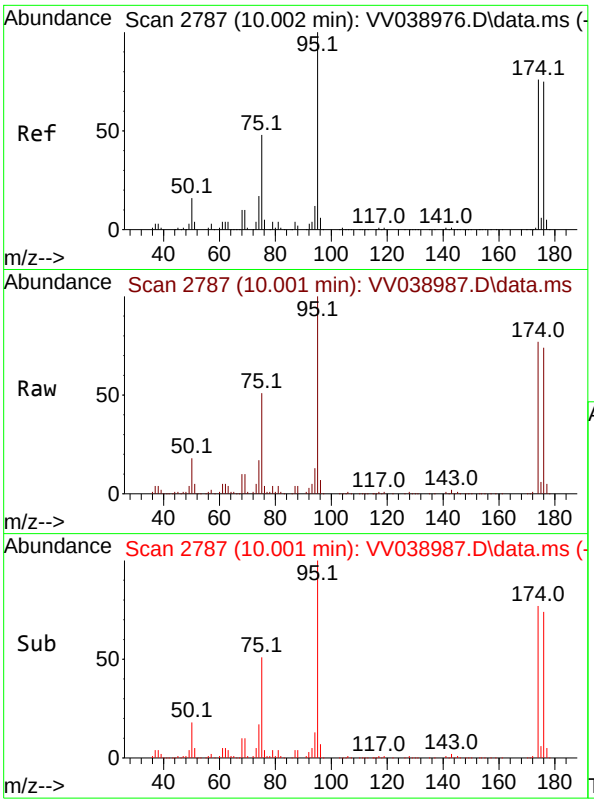


#50
Toluene-d8
Concen: 44.312 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion: 98 Resp: 895038

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2



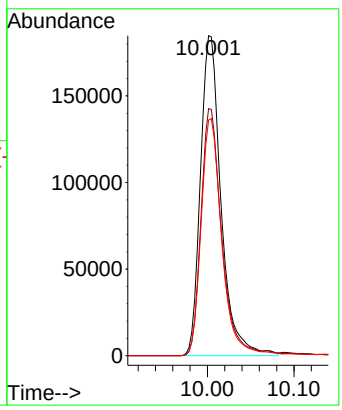


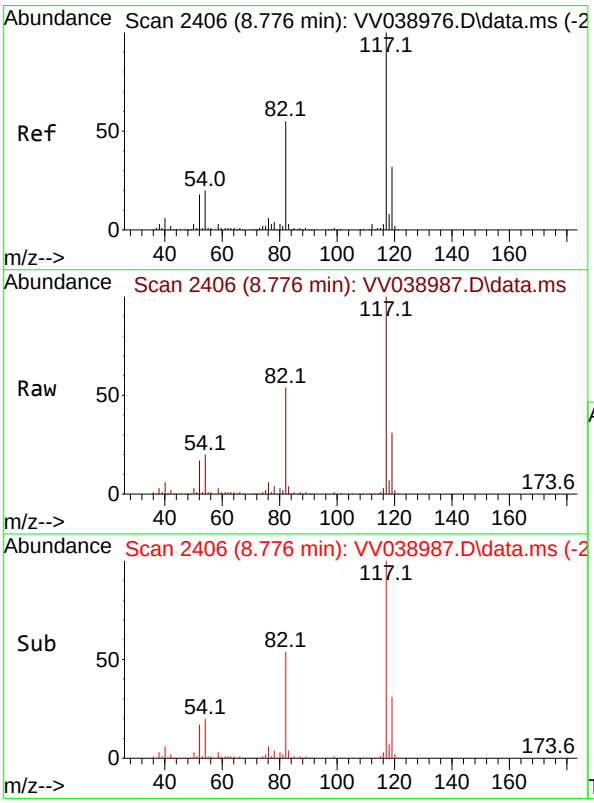
#62
4-Bromofluorobenzene
Concen: 41.285 ug/l
RT: 10.001 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Tgt Ion: 95 Resp: 305062

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	154.4
176	74.4	0.0	148.6

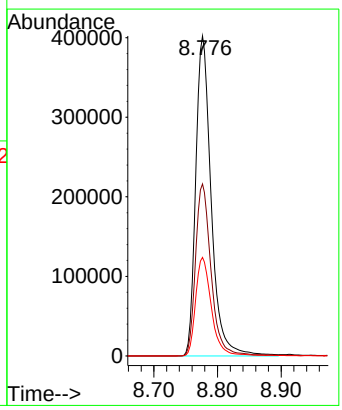


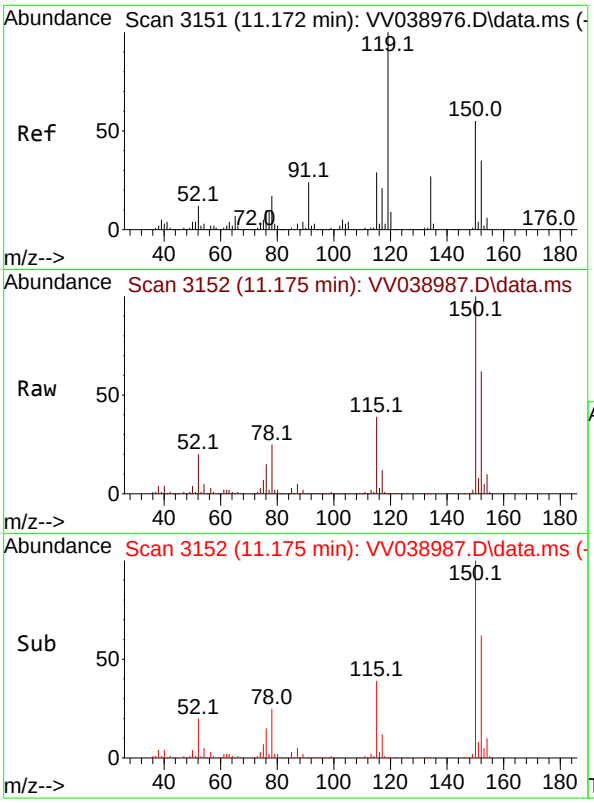


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion:117 Resp: 680413

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.4	66.6
119	30.8	26.0	39.0



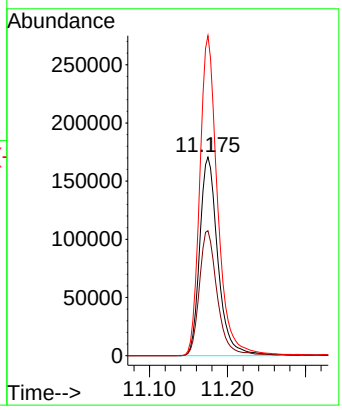


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

Tgt Ion:152 Resp: 276053

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.5	127.5
150	158.5	0.0	344.8



Raw Data: **VV038988.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	08/20/25
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	08/21/25
Client Sample ID:	DA5-SW3	SDG No.:	Q2929
Lab Sample ID:	Q2929-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038988.D	1	08/21/25 18:14	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.5		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	43.0		75 - 124	86%	SPK: 50
2037-26-5	Toluene-d8	45.7		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	568000	4.6			
540-36-3	1,4-Difluorobenzene	999000	5.532			
3114-55-4	Chlorobenzene-d5	1080000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	466000	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\VV082125\
Data File : VV038988.D
Acq On : 21 Aug 2025 18:14
Operator : SY/MD
Sample : Q2929-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Quant Time: Aug 22 04:35:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

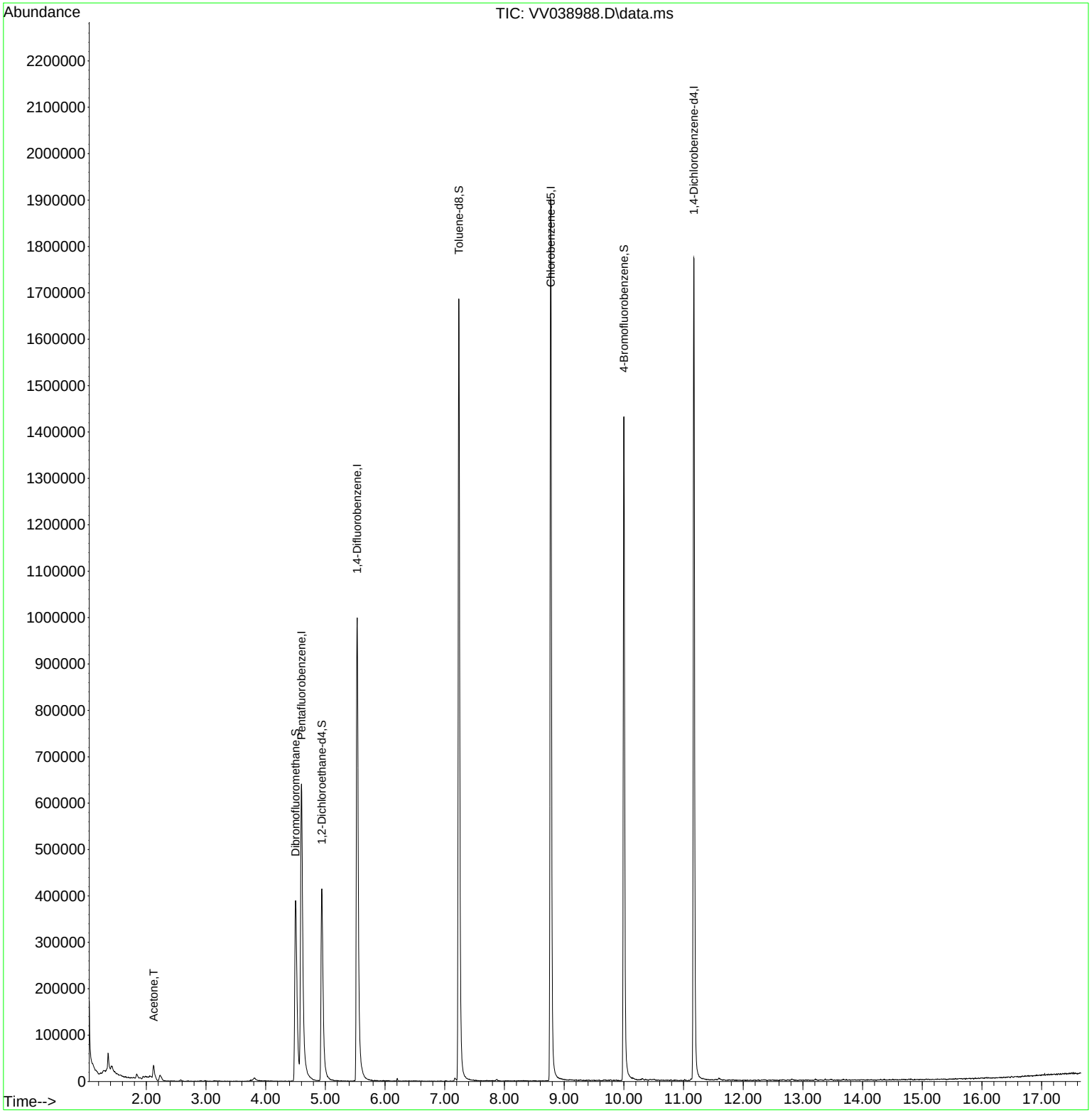
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	567969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	999329	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1081937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	465817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	394780	49.536	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 99.080%			
35) Dibromofluoromethane	4.500	113	322374	43.015	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 86.040%			
50) Toluene-d8	7.236	98	1193111	45.654	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.300%			
62) 4-Bromofluorobenzene	10.002	95	485086	50.740	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 101.480%			
Target Compounds						Qvalue
16) Acetone	2.124	43	33120	10.354	ug/l	97

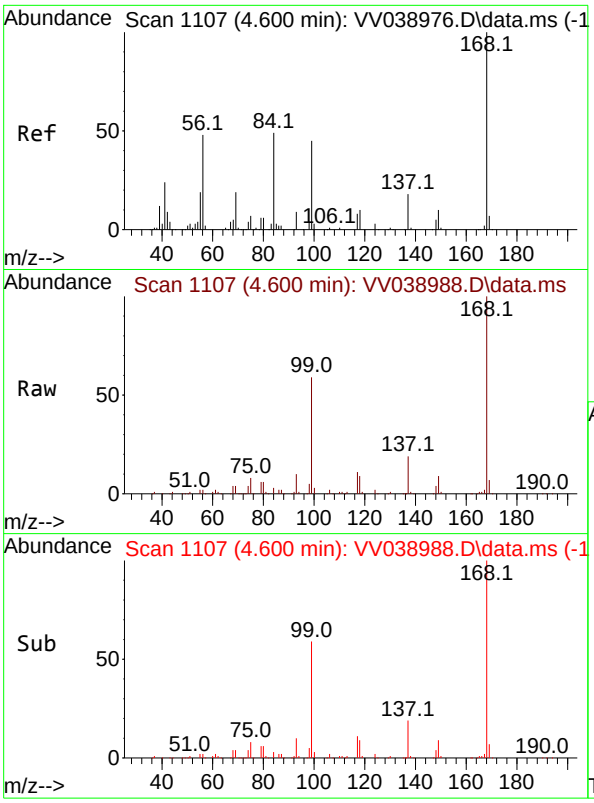
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038988.D
Acq On : 21 Aug 2025 18:14
Operator : SY/MD
Sample : Q2929-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Quant Time: Aug 22 04:35:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



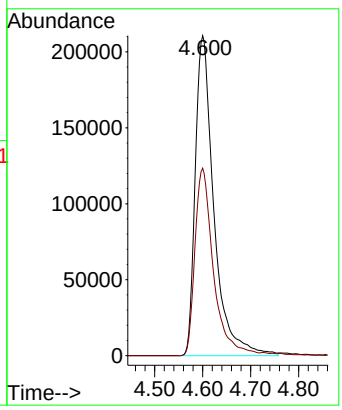


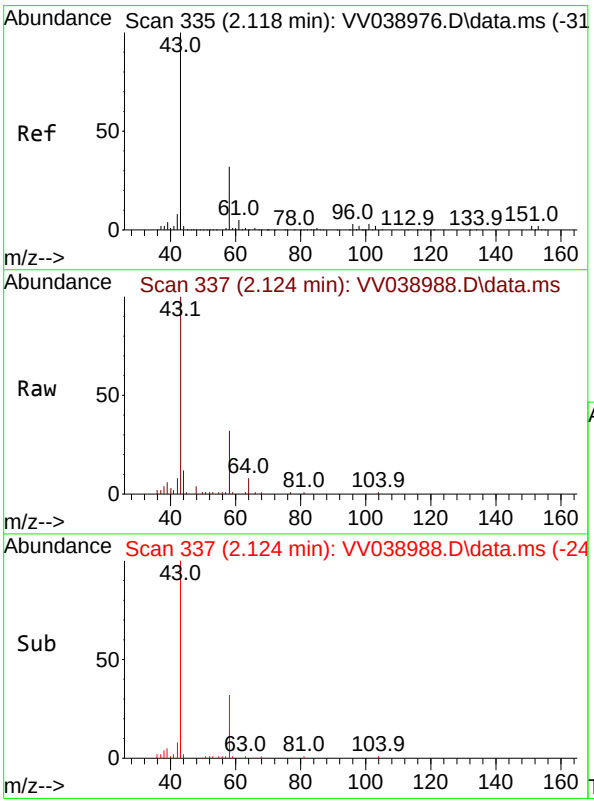
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Tgt Ion:168 Resp: 567969

Ion	Ratio	Lower	Upper
168	100		
99	58.6	47.0	70.6

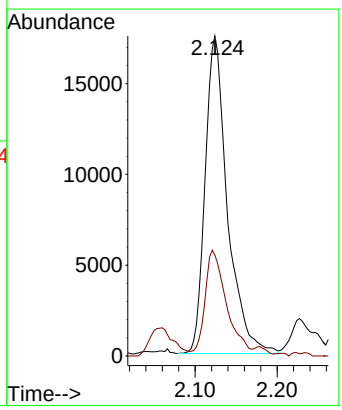


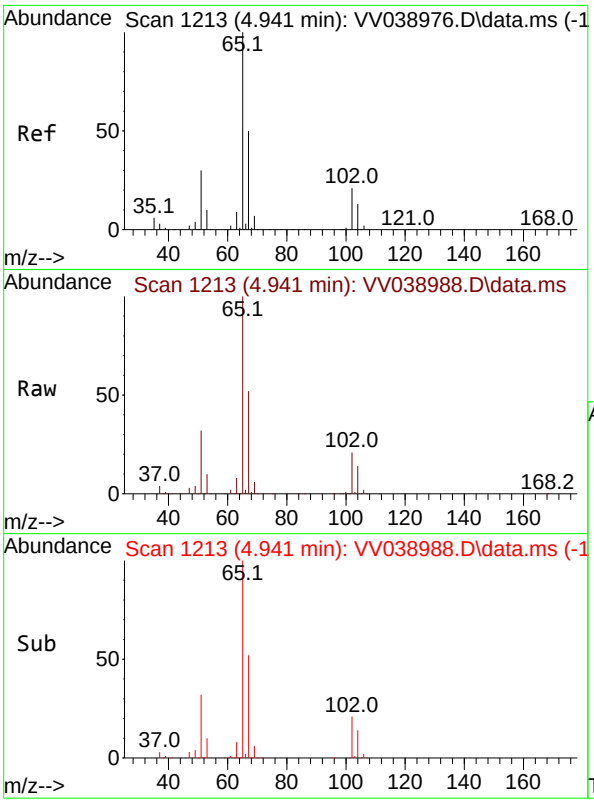


#16
Acetone
Concen: 10.354 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Tgt Ion: 43 Resp: 33120

Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.3	39.5



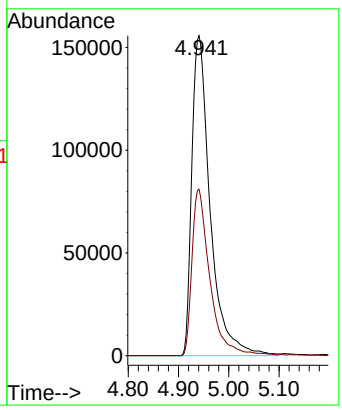


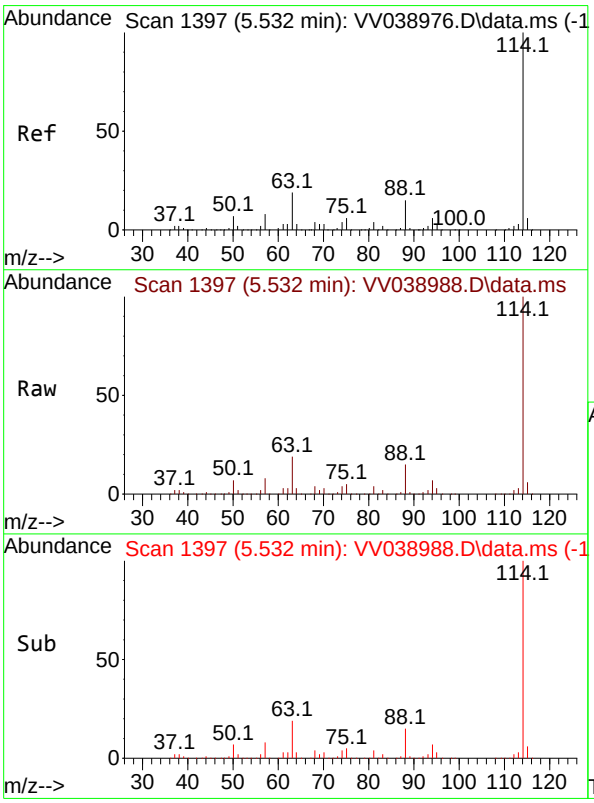
#33
1,2-Dichloroethane-d4
Concen: 49.536 ug/l
RT: 4.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Tgt Ion: 65 Resp: 394780

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.4

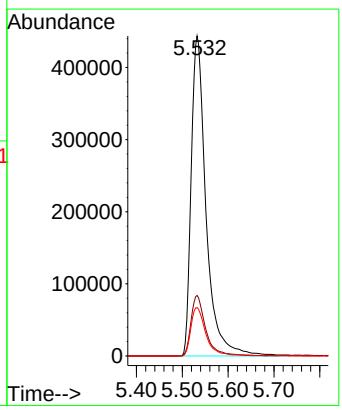


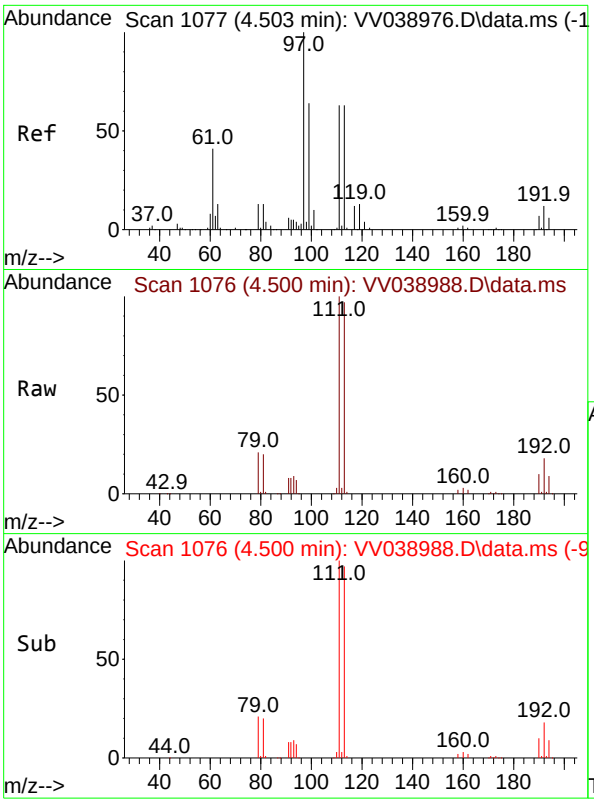


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Tgt Ion:114 Resp: 999329

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	37.4
88	15.1	0.0	30.4



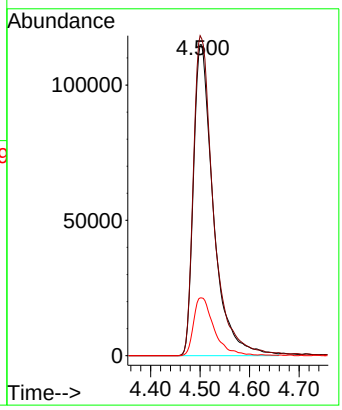


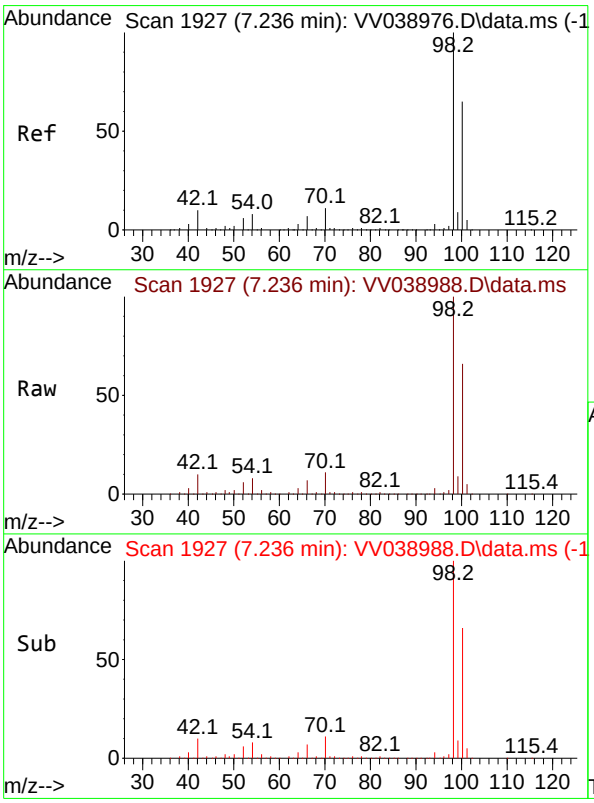
#35
Dibromofluoromethane
Concen: 43.015 ug/l
RT: 4.500 min Scan# 1(
Delta R.T. -0.003 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Tgt Ion:113 Resp: 322374

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.3	121.9
192	19.1	15.4	23.0

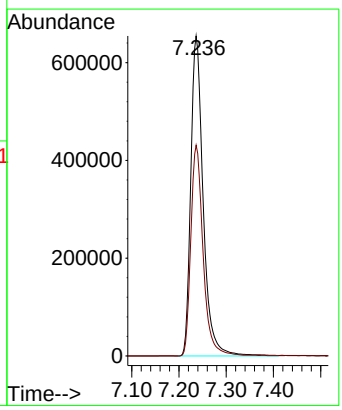


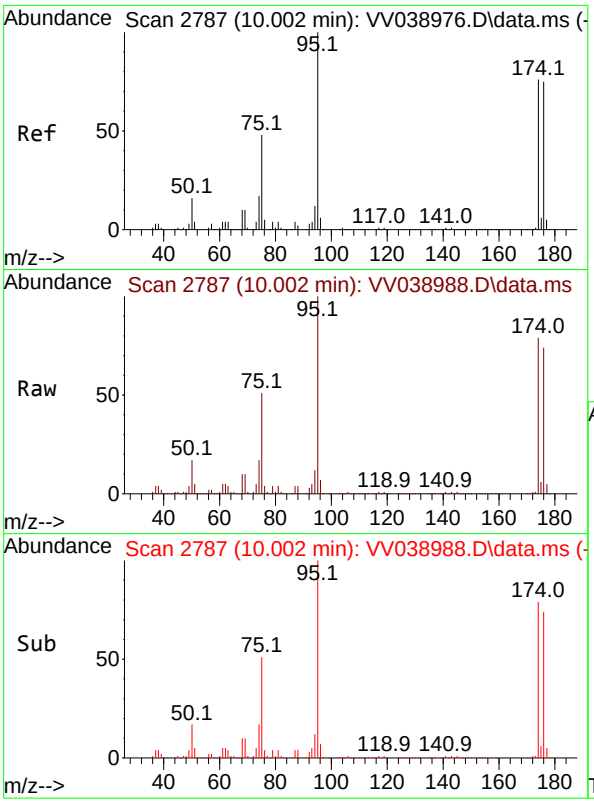


#50
Toluene-d8
Concen: 45.654 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Tgt Ion: 98 Resp: 1193111

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



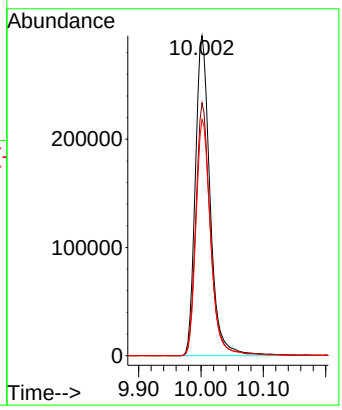


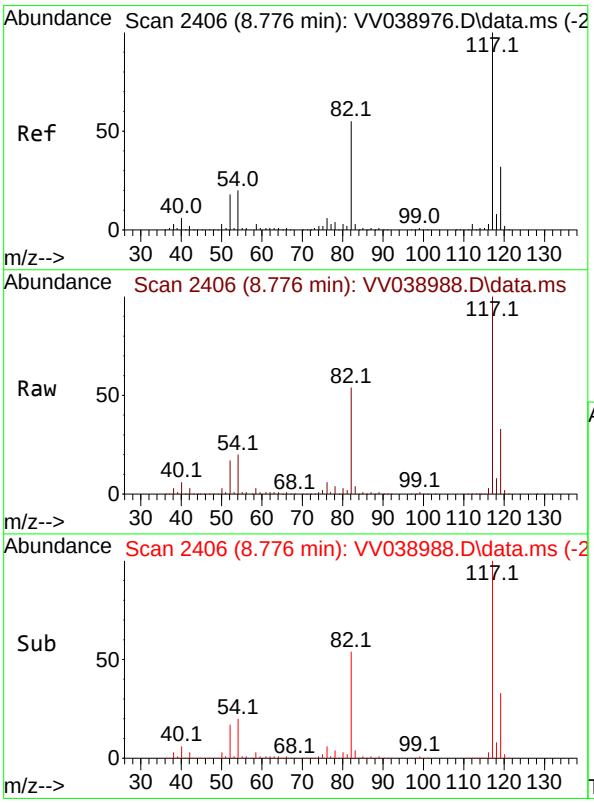
#62
4-Bromofluorobenzene
Concen: 50.740 ug/l
RT: 10.002 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Tgt Ion: 95 Resp: 485086

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	154.4
176	73.4	0.0	148.6

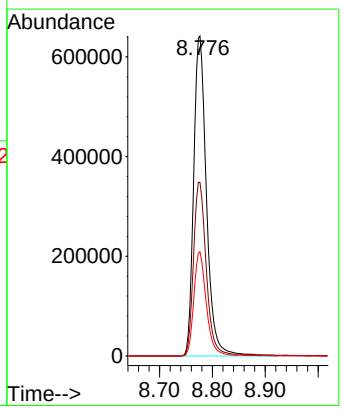


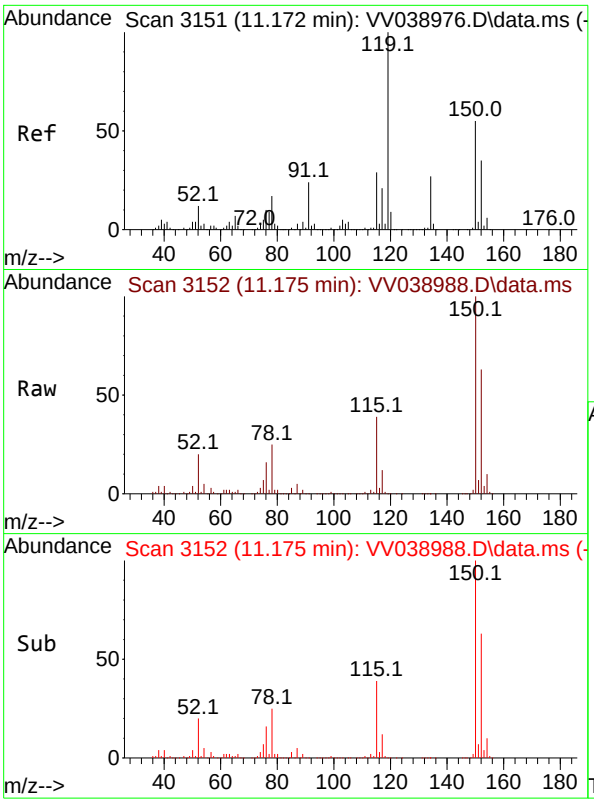


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Tgt Ion:117 Resp: 1081937

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.4	66.6
119	32.5	26.0	39.0



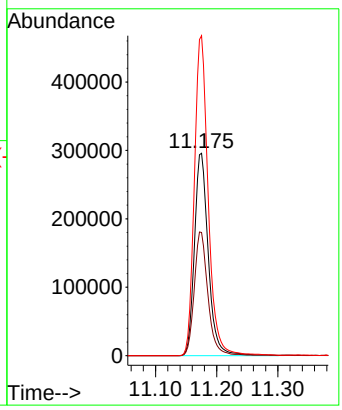


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

Tgt Ion:152 Resp: 465817

Ion	Ratio	Lower	Upper
152	100		
115	60.3	42.5	127.5
150	158.0	0.0	344.8



Raw Data: **VV039013.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	08/20/25
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	08/21/25
Client Sample ID:	DA5-SW4	SDG No.:	Q2929
Lab Sample ID:	Q2929-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039013.D	1	08/22/25 13:26	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.5		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		75 - 124	91%	SPK: 50
2037-26-5	Toluene-d8	45.9		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	583000	4.603			
540-36-3	1,4-Difluorobenzene	1130000	5.532			
3114-55-4	Chlorobenzene-d5	1030000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	450000	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\VV082225\
Data File : VV039013.D
Acq On : 22 Aug 2025 13:26
Operator : SY/MD
Sample : Q2929-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Quant Time: Aug 25 02:21:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

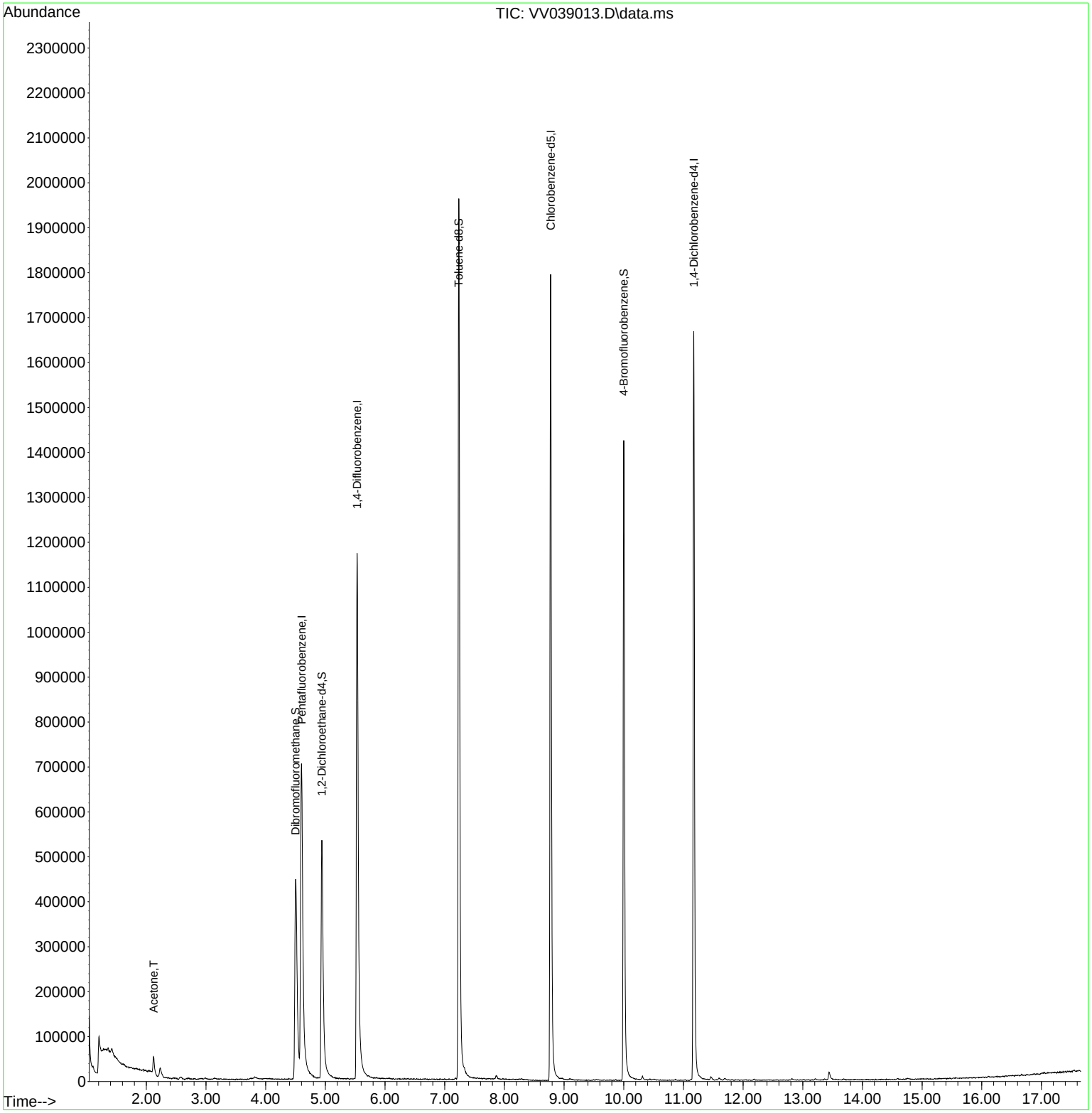
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	582739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1134821	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1033198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	449917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	486168	59.457	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 118.920%#			
35) Dibromofluoromethane	4.503	113	386669	45.434	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 90.860%			
50) Toluene-d8	7.236	98	1362042	45.896	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.800%			
62) 4-Bromofluorobenzene	10.001	95	501660	46.208	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 92.420%			
Target Compounds						Qvalue
16) Acetone	2.124	43	45975	14.009	ug/l	97

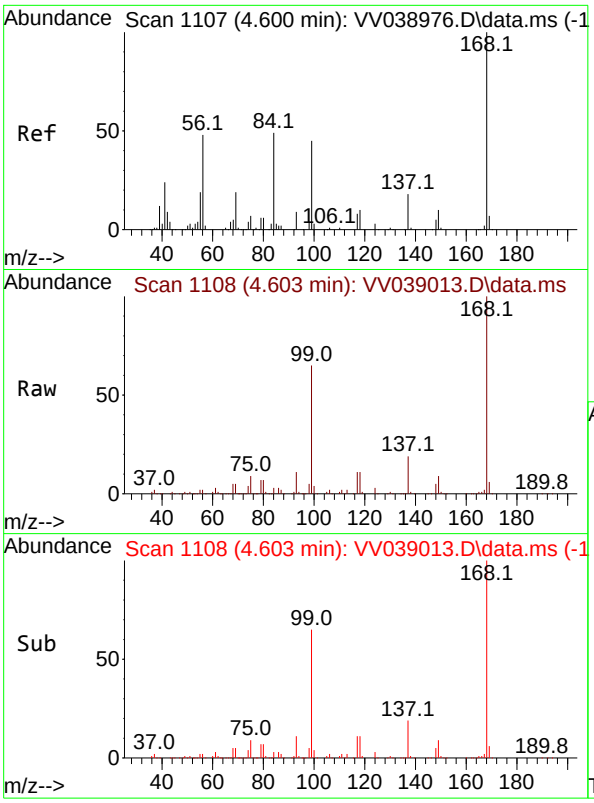
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039013.D
Acq On : 22 Aug 2025 13:26
Operator : SY/MD
Sample : Q2929-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Quant Time: Aug 25 02:21:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



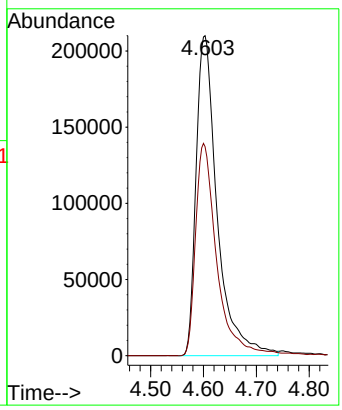


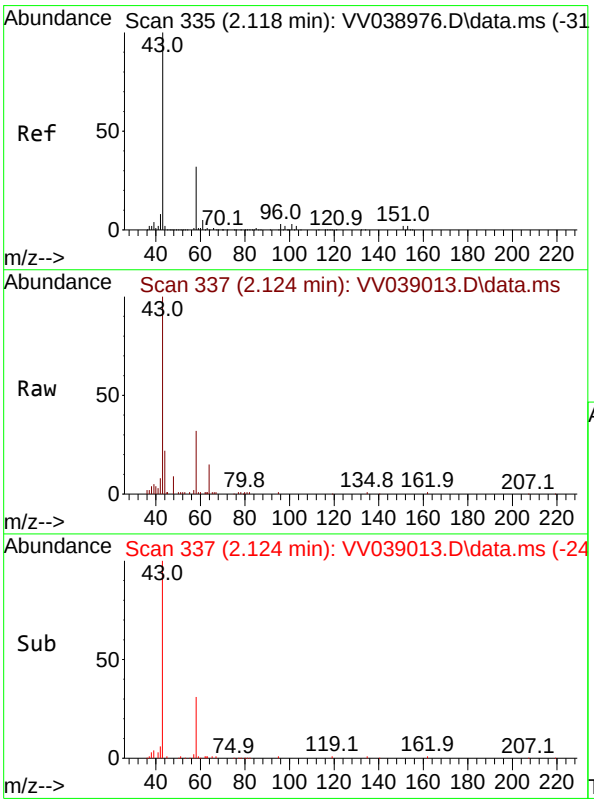
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Tgt Ion:168 Resp: 582739

Ion	Ratio	Lower	Upper
168	100		
99	65.3	47.0	70.6

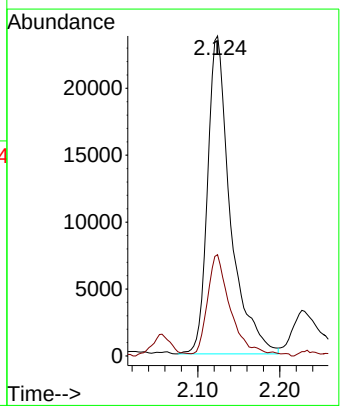


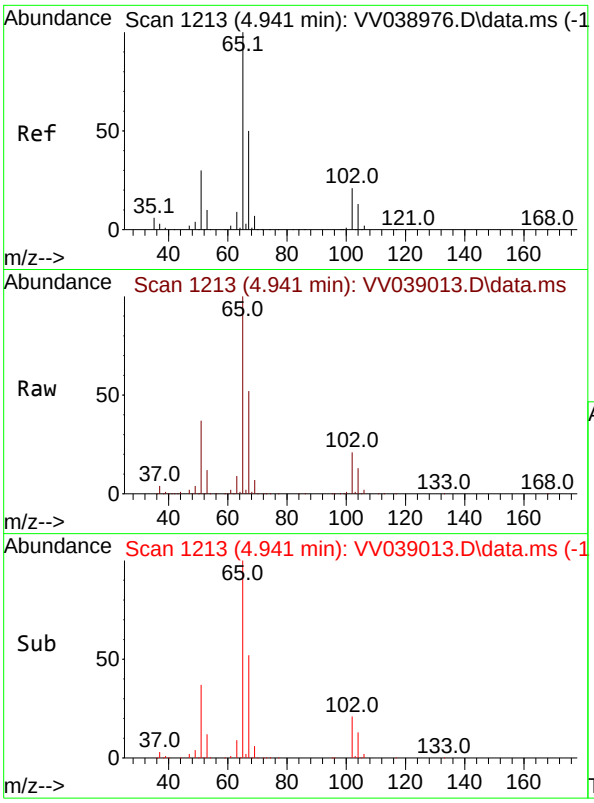


#16
Acetone
Concen: 14.009 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Tgt Ion: 43 Resp: 45975

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.3	39.5



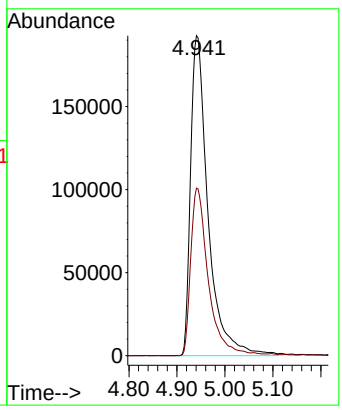


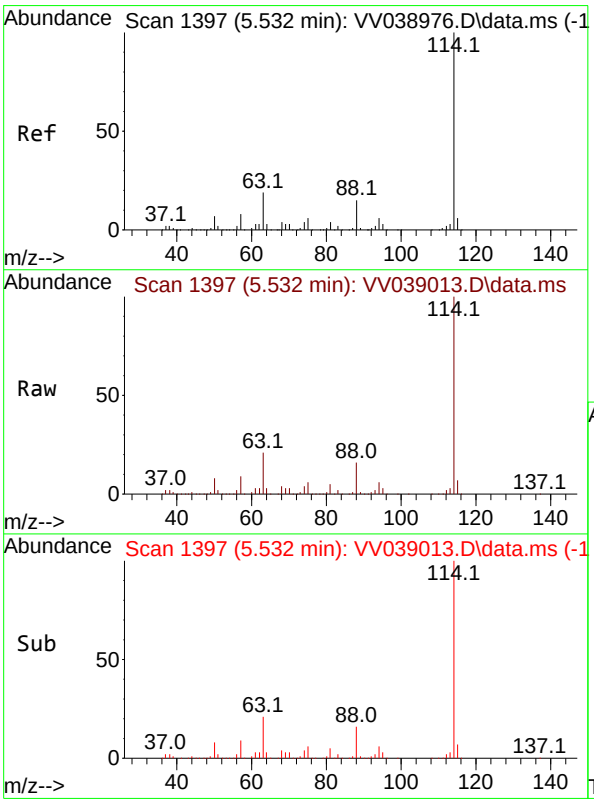
#33
1,2-Dichloroethane-d4
Concen: 59.457 ug/l
RT: 4.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Tgt Ion: 65 Resp: 486168

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	100.4

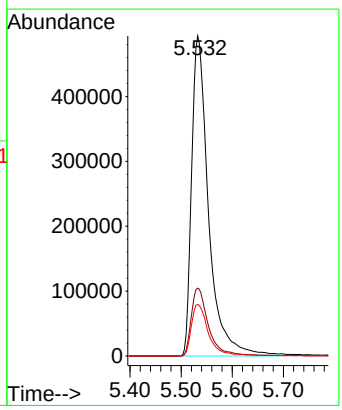


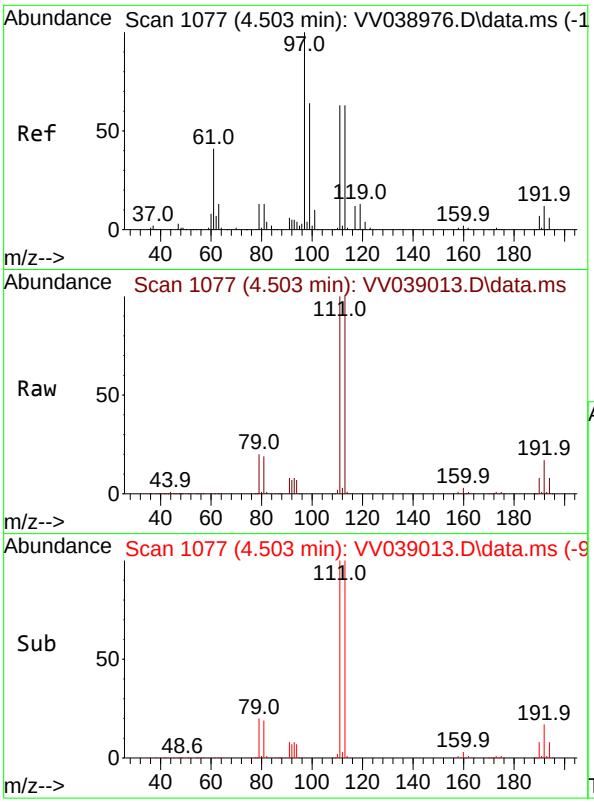


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Tgt Ion:114 Resp: 1134821

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	16.1	0.0	30.4



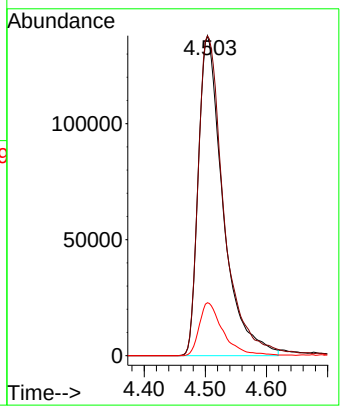


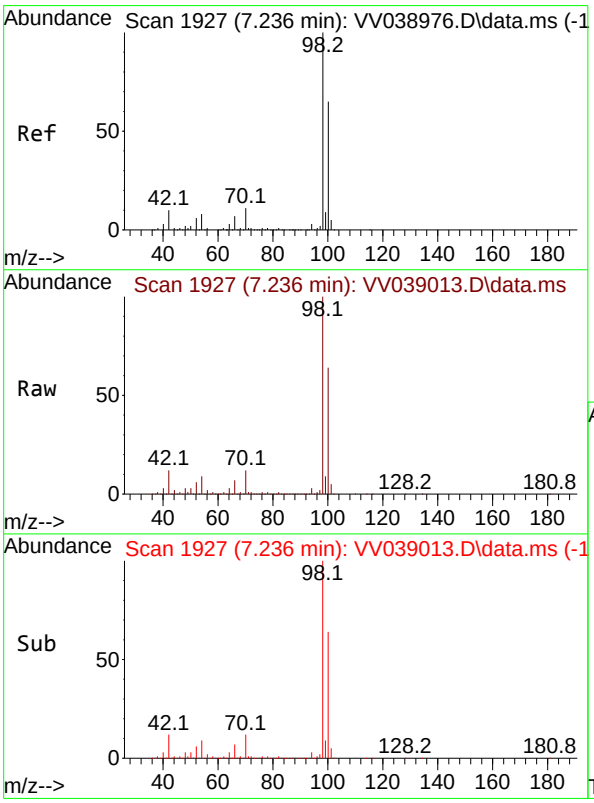
#35
Dibromofluoromethane
Concen: 45.434 ug/l
RT: 4.503 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Tgt Ion:113 Resp: 386669

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	16.0	15.4	23.0

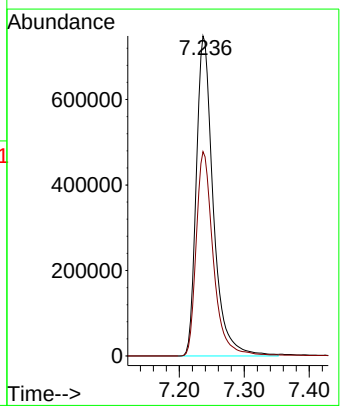


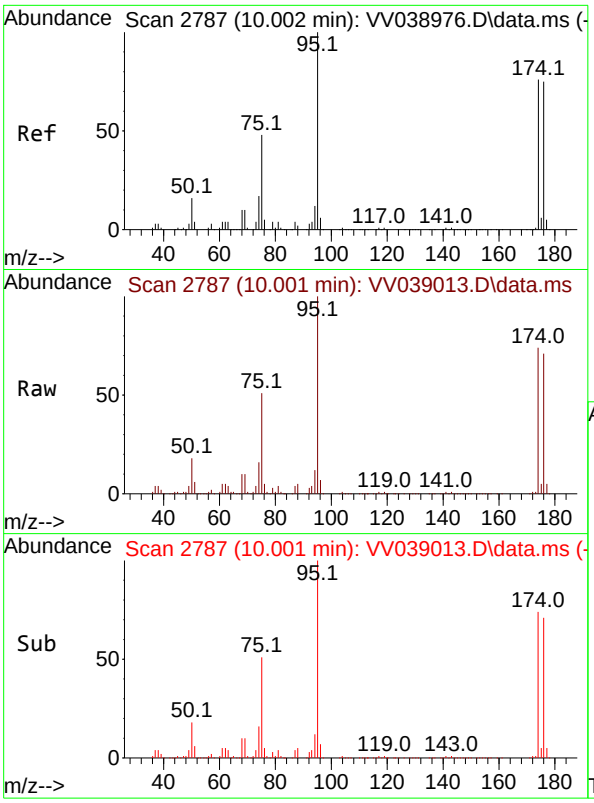


#50
Toluene-d8
Concen: 45.896 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Tgt Ion: 98 Resp: 1362042

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2



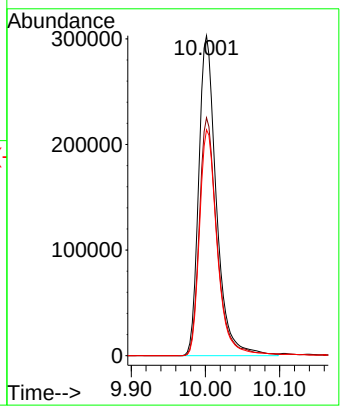


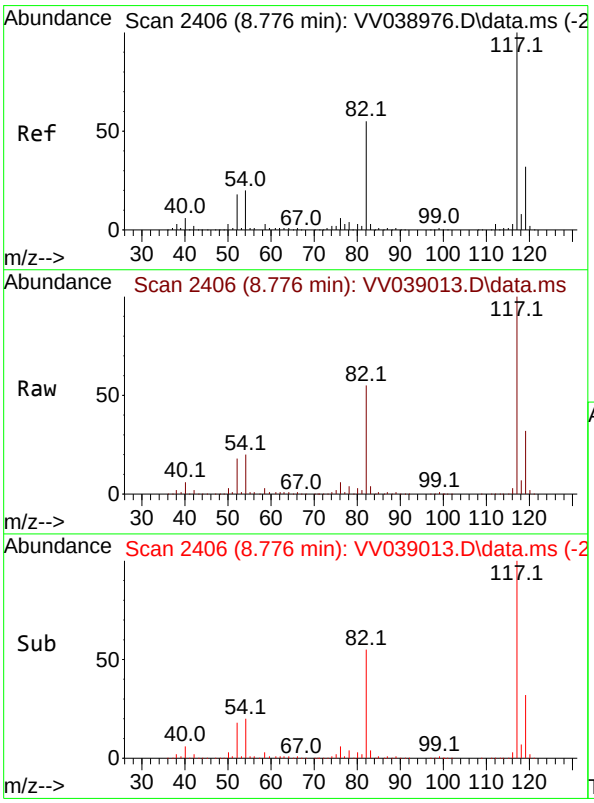
#62
4-Bromofluorobenzene
Concen: 46.208 ug/l
RT: 10.001 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Tgt Ion: 95 Resp: 501660

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	154.4
176	71.0	0.0	148.6

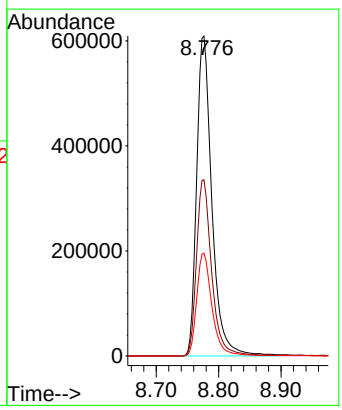


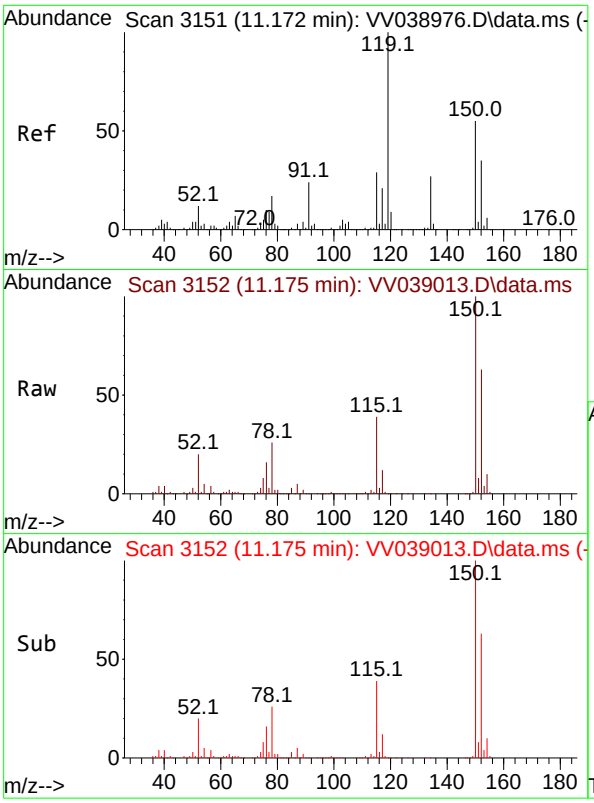


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Tgt Ion:117 Resp: 1033198

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.4	66.6
119	32.1	26.0	39.0



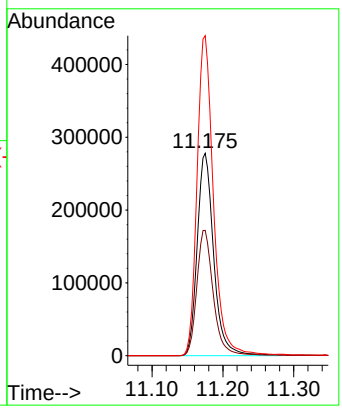


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

Tgt Ion:152 Resp: 449917

Ion	Ratio	Lower	Upper
152	100		
115	62.1	42.5	127.5
150	157.0	0.0	344.8



Raw Data: **VV038990.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	08/20/25
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	08/21/25
Client Sample ID:	DA6-SW5	SDG No.:	Q2929
Lab Sample ID:	Q2929-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038990.D	1	08/21/25 18:57	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	44.7		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.9		77 - 121	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	628000	4.6			
540-36-3	1,4-Difluorobenzene	1160000	5.532			
3114-55-4	Chlorobenzene-d5	1040000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	449000	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\VV082125\
Data File : VV038990.D
Acq On : 21 Aug 2025 18:57
Operator : SY/MD
Sample : Q2929-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Quant Time: Aug 22 04:36:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	627795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1158287	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1037879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	449449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	477148	54.166	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 108.340%			
35) Dibromofluoromethane	4.503	113	404529	46.570	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.140%			
50) Toluene-d8	7.236	98	1352656	44.656	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.320%			
62) 4-Bromofluorobenzene	10.001	95	431386	38.930	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 77.860%#			
Target Compounds						Qvalue
16) Acetone	2.124	43	22733	6.430	ug/l	99

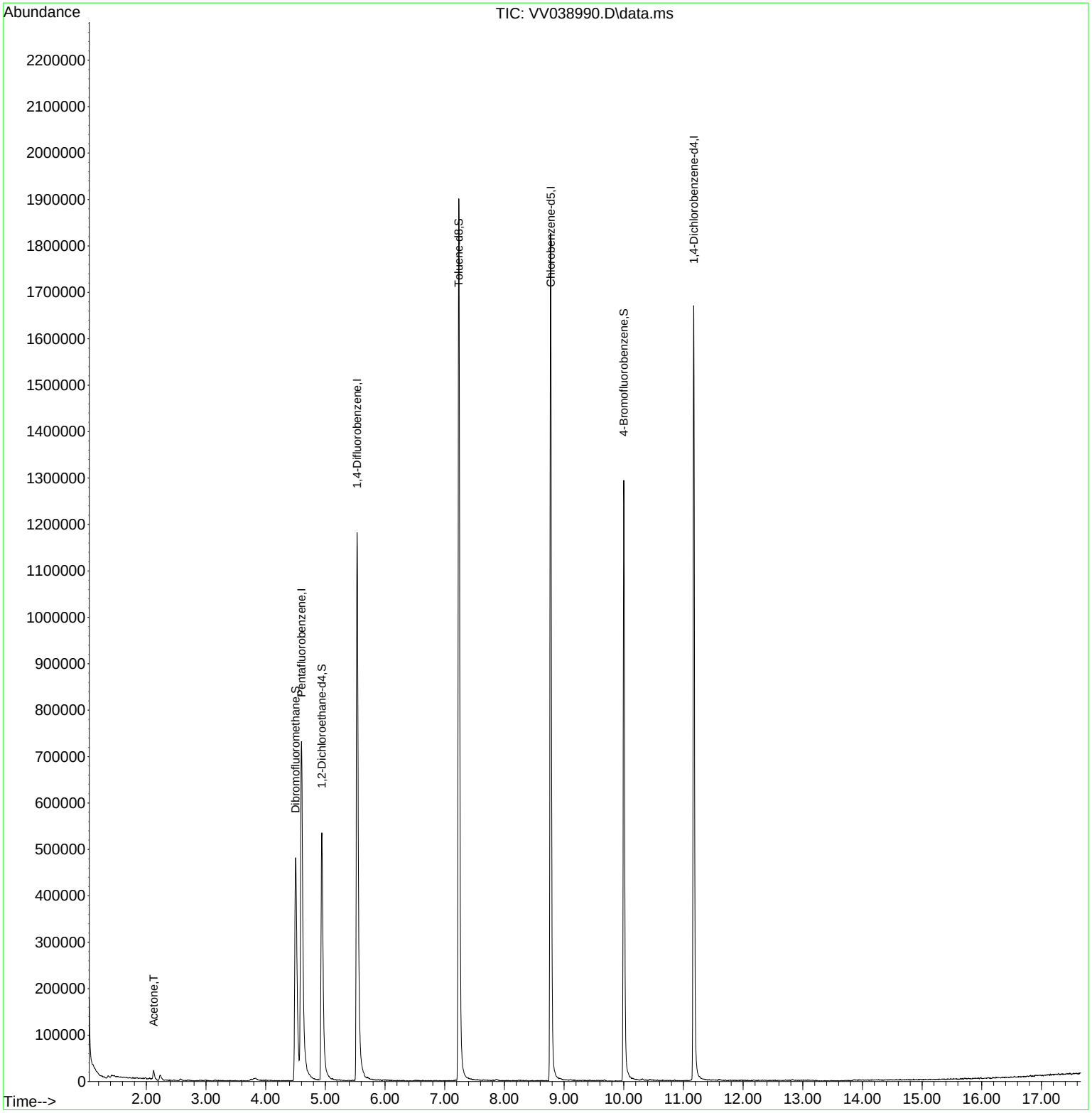
(#) = qualifier out of range (m) = manual integration (+) = signals summed

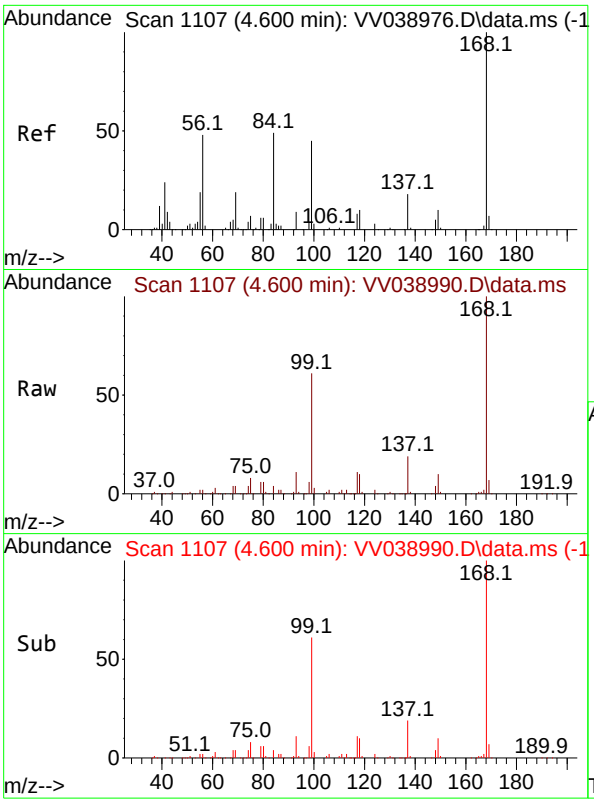
Sample Results: **VV038990.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038990.D
Acq On : 21 Aug 2025 18:57
Operator : SY/MD
Sample : Q2929-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Quant Time: Aug 22 04:36:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



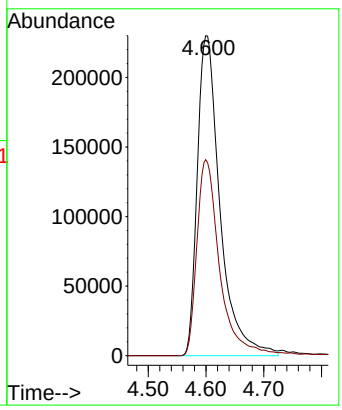


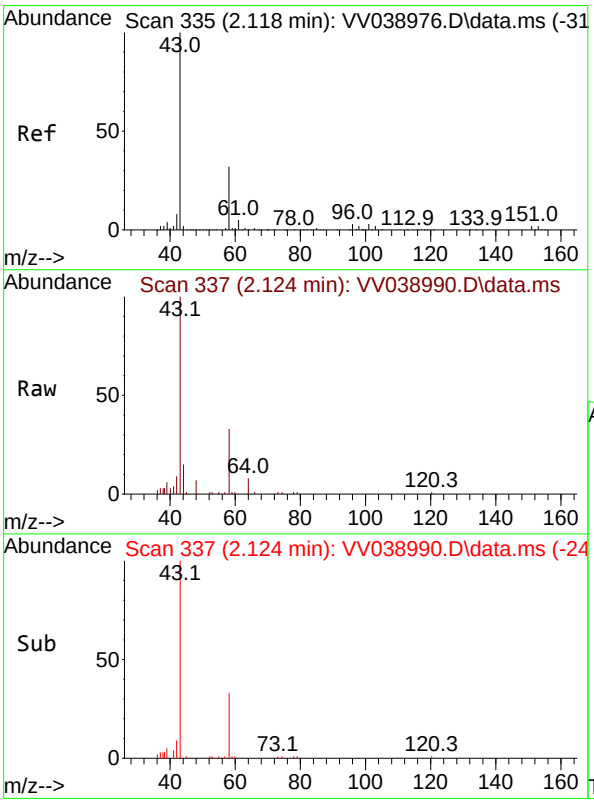
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Tgt Ion:168 Resp: 627795

Ion	Ratio	Lower	Upper
168	100		
99	61.2	47.0	70.6

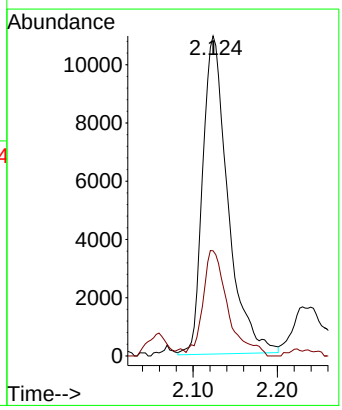


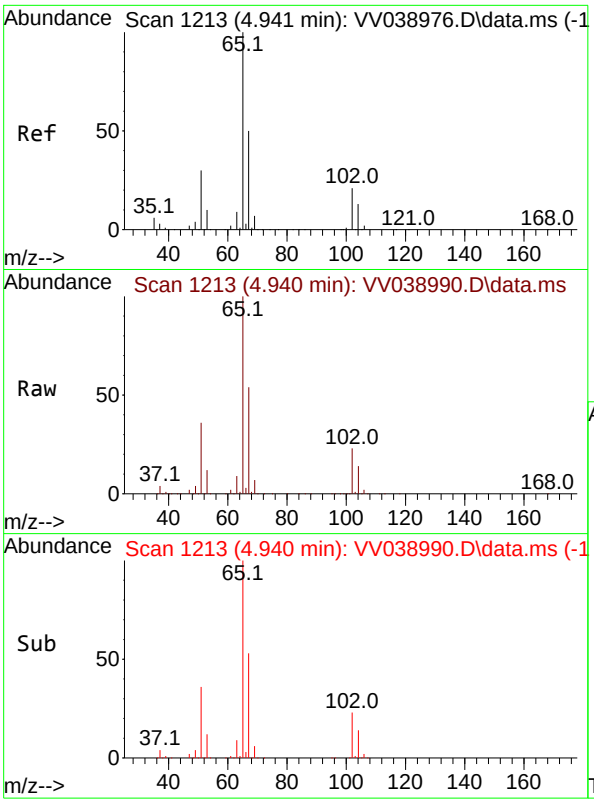


#16
Acetone
Concen: 6.430 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Tgt Ion: 43 Resp: 22733

Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.3	39.5



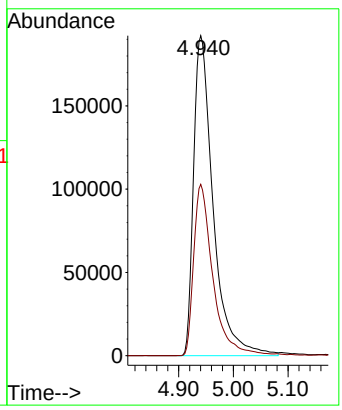


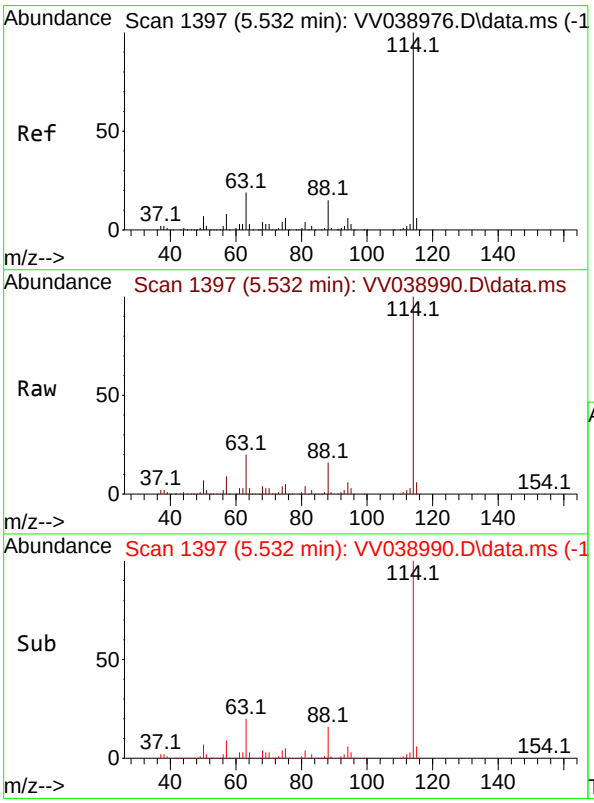
#33
1,2-Dichloroethane-d4
Concen: 54.166 ug/l
RT: 4.940 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Tgt Ion: 65 Resp: 477148

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	100.4

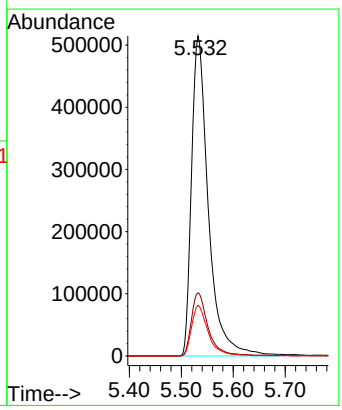


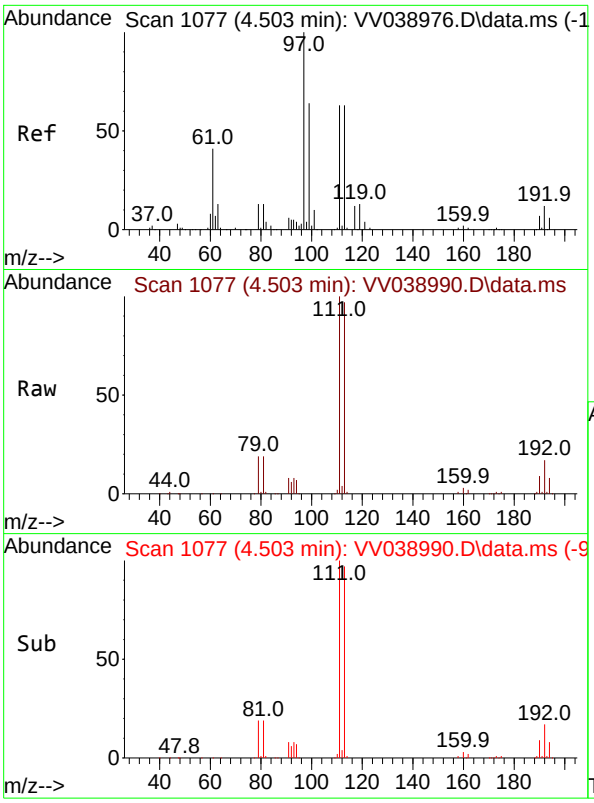


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Tgt Ion:114 Resp: 1158287

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	37.4
88	15.8	0.0	30.4



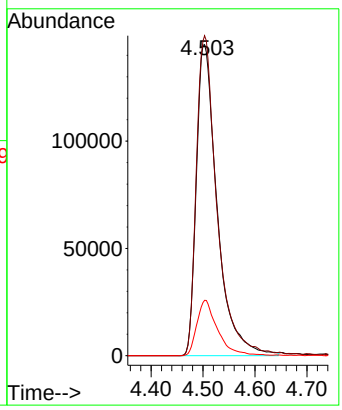


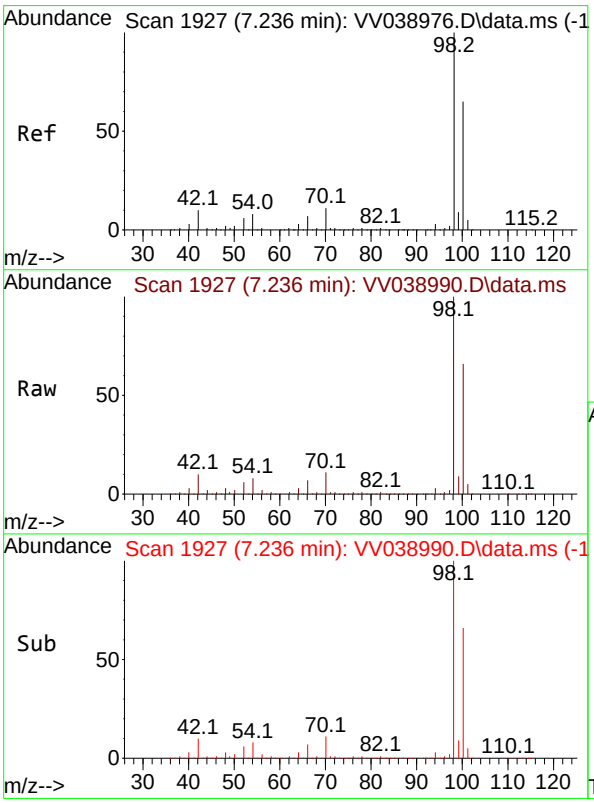
#35
Dibromofluoromethane
Concen: 46.570 ug/l
RT: 4.503 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Tgt Ion:113 Resp: 404529

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	17.7	15.4	23.0

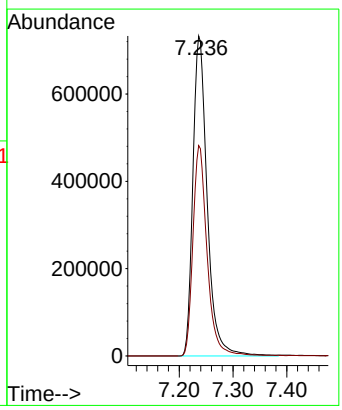


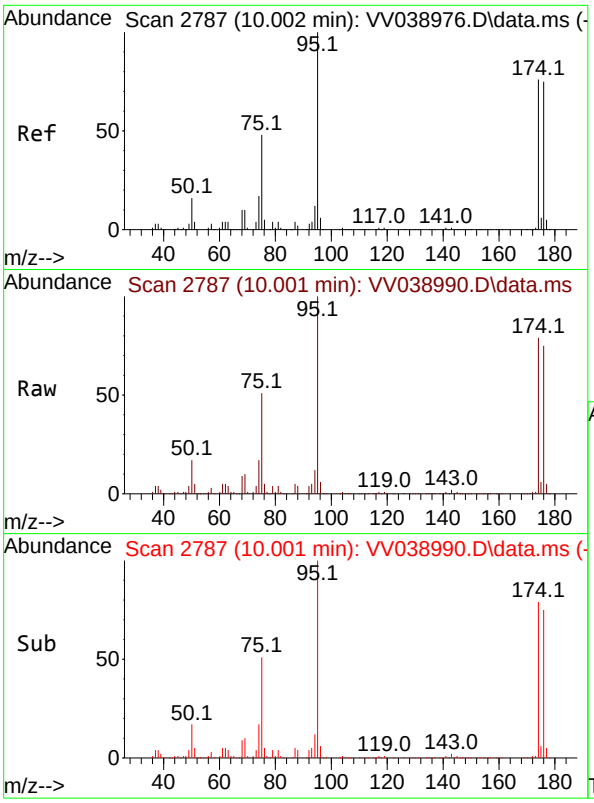


#50
Toluene-d8
Concen: 44.656 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Tgt Ion: 98 Resp: 1352656

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



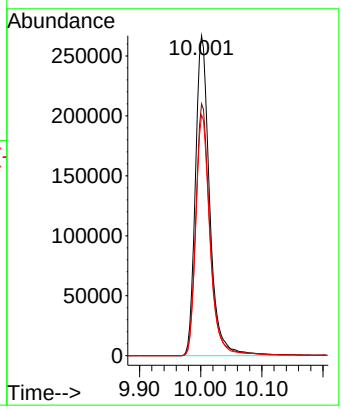


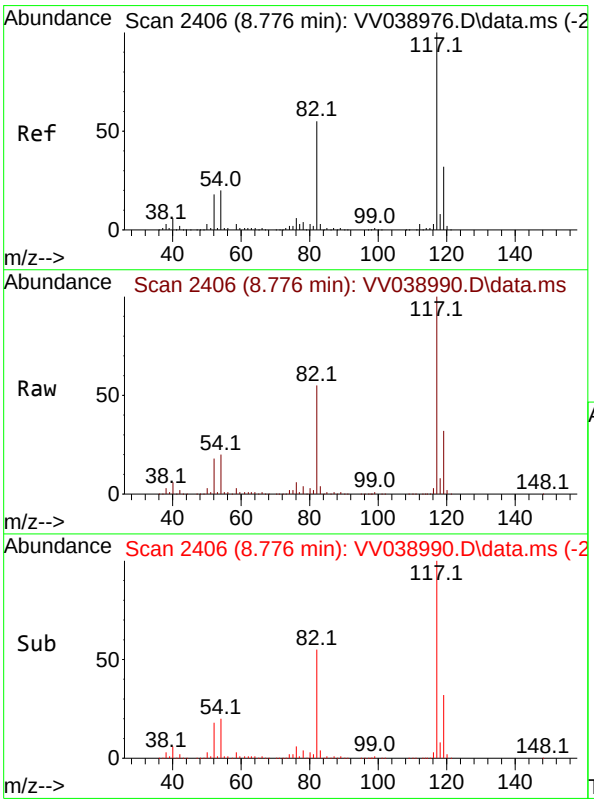
#62
4-Bromofluorobenzene
Concen: 38.930 ug/l
RT: 10.001 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Tgt Ion: 95 Resp: 431386

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	154.4
176	75.0	0.0	148.6

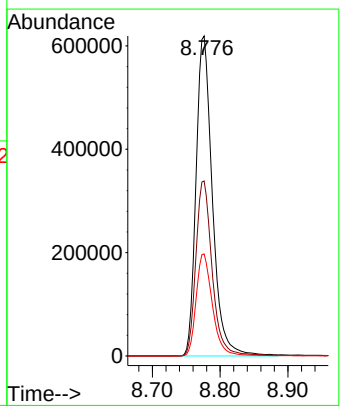


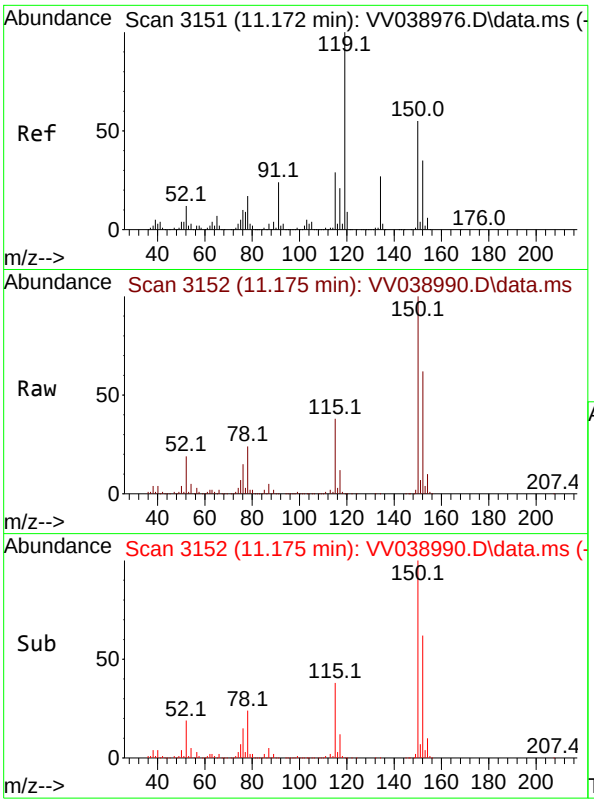


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Tgt Ion:117 Resp: 1037879

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.4	66.6
119	31.9	26.0	39.0



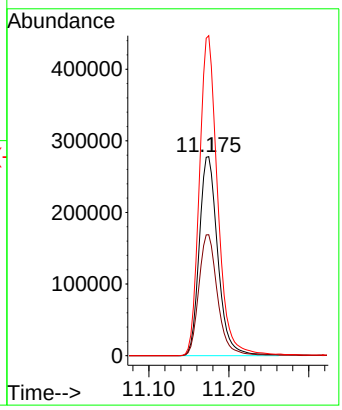


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV038990.D
Acq: 21 Aug 2025 18:57

Instrument :
MSVOA_V
ClientSampleId :
DA6-SW5

Tgt Ion:152 Resp: 449449

Ion	Ratio	Lower	Upper
152	100		
115	61.5	42.5	127.5
150	158.2	0.0	344.8



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ATGG01

Lab Code: ACE SDG No.: Q2929

Instrument ID: MSVOA_V Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:05 11:45

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

LAB FILE ID: RRF001 = VV038973.D RRF005 = VV038974.D RRF020 = VV038975.D
RRF050 = VV038976.D RRF100 = VV038977.D RRF010 = VV038979.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF010	$\overline{RRF}$	% RSD
Benzene	1.384	1.558	1.602	1.430	1.510	1.667	1.525	7
Toluene	0.791	0.916	1.009	1.070	0.984	1.026	0.966	10.3
Ethyl Benzene	1.654	1.659	1.848	1.952	1.998	1.931	1.840	8.2
m/p-Xylenes	0.574	0.615	0.762	0.784	0.785	0.769	0.715	13.2
o-Xylene	0.529	0.572	0.669	0.712	0.740	0.686	0.651	12.7
1,2-Dichloroethane-d4		0.815	0.696	0.643	0.647	0.707	0.702	9.9
Dibromofluoromethane		0.420	0.386	0.346	0.347	0.377	0.375	8.2
Toluene-d8		1.355	1.346	1.338	1.246	1.253	1.308	4.1
4-Bromofluorobenzene		0.425	0.472	0.559	0.477	0.459	0.478	10.3

* 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 : 82V082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 04:15:04 2025
Response Via : Initial Calibration

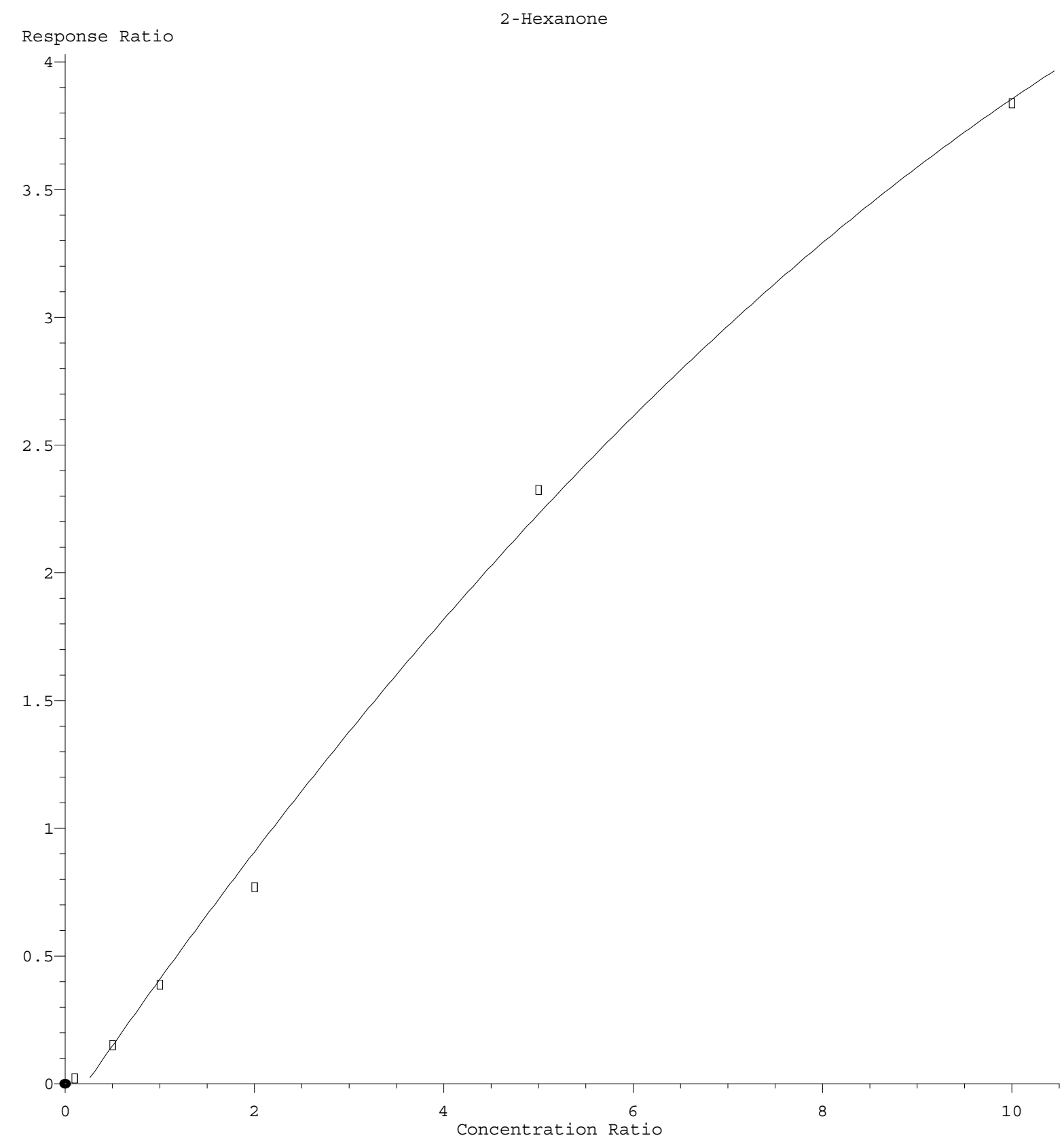
Calibration Files
1 =VV038973.D 5 =VV038974.D 10 =VV038979.D 20 =VV038975.D 50 =VV038976.D 100 =VV038977.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.952	0.756	0.747	0.675	0.722	0.633	0.747	14.74
3)	P	Chloromethane	0.878	0.853	0.769	0.712	0.768	0.654	0.772	10.90
4)	C	Vinyl Chloride	0.985	0.849	0.829	0.688	0.823	0.714	0.815	13.06#
5)	T	Bromomethane		0.459	0.482	0.389	0.448	0.423	0.440	8.08
6)	T	Chloroethane	0.346	0.559	0.448	0.365	0.414	0.359	0.415	19.34
7)	T	Trichlorofluor...	1.342	1.178	1.102	1.026	1.088	0.961	1.116	11.89
8)	T	Diethyl Ether	0.448	0.347	0.335	0.308	0.319	0.302	0.343	15.81
9)	T	1,1,2-Trichlor...	0.823	0.628	0.619	0.558	0.554	0.513	0.616	17.89
10)	T	Methyl Iodide		0.776	0.810	0.746	0.783	0.717	0.766	4.66
11)	T	Tert butyl alc...		0.083	0.109	0.102	0.094	0.086	0.095	11.48
12)	CM	1,1-Dichloroet...	0.675	0.593	0.586	0.519	0.536	0.495	0.567	11.44#
13)	T	Acrolein		0.080	0.029	0.034	0.029	0.030	0.041	54.81
14)	T	Allyl chloride	0.871	0.774	0.797	0.720	0.710	0.675	0.758	9.36
15)	T	Acrylonitrile	0.307	0.242	0.312	0.328	0.273	0.259	0.287	11.79
16)	T	Acetone	0.390	0.264	0.284	0.261	0.249	0.242	0.282	19.48
17)	T	Carbon Disulfide	1.825	1.631	1.709	1.475	1.476	1.354	1.578	11.06
18)	T	Methyl Acetate	0.610	0.589	0.630	0.638	0.560	0.554	0.597	5.92
19)	T	Methyl tert-bu...	1.629	1.485	1.832	1.792	1.715	1.614	1.678	7.64
20)	T	Methylene Chlo...	0.805	0.659	0.668	0.694	0.581	0.519	0.654	14.99
21)	T	trans-1,2-Dich...	0.577	0.577	0.651	0.640	0.573	0.529	0.591	7.78
22)	T	Diisopropyl ether	1.738	1.228	2.001	1.766	1.444	1.804	1.664	16.74
23)	T	Vinyl Acetate	1.218	1.051	1.583	1.442	1.227	1.487	1.335	15.06
24)	P	1,1-Dichloroet...	1.293	1.028	1.288	1.122	0.940	0.941	1.102	14.58
25)	T	2-Butanone	0.285	0.336	0.442	0.397	0.332	0.406	0.366	15.90
26)	T	2,2-Dichloropr...	1.236	1.047	1.118	1.022	0.932	0.988	1.057	10.13
27)	T	cis-1,2-Dichlo...	0.725	0.710	0.806	0.686	0.640	0.712	0.713	7.64
28)	T	Bromochloromet...	0.463	0.419	0.271	0.283	0.221	0.266	0.320	30.22
29)	T	Tetrahydrofuran	0.229	0.220	0.291	0.255	0.209	0.263	0.245	12.53
30)	C	Chloroform	1.373	1.345	1.347	1.244	1.096	1.150	1.259	9.17#
31)	T	Cyclohexane		1.084	1.109	0.955	0.808	0.961	0.983	12.24
32)	T	1,1,1-Trichlor...	1.408	1.248	1.246	1.107	1.038	1.051	1.183	12.14
33)	S	1,2-Dichloroet...		0.815	0.707	0.696	0.643	0.647	0.702	9.90
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.420	0.377	0.386	0.346	0.347	0.375	8.19
36)	T	1,1-Dichloropr...	0.541	0.421	0.532	0.494	0.453	0.481	0.487	9.42
37)	T	Ethyl Acetate	0.429	0.543	0.520	0.476	0.391	0.495	0.476	11.95
38)	T	Carbon Tetrach...	0.725	0.726	0.660	0.608	0.616	0.577	0.652	9.65
39)	T	Methylcyclohexane	0.574	0.590	0.649	0.612	0.632	0.677	0.622	6.10
40)	TM	Benzene	1.383	1.558	1.667	1.602	1.430	1.510	1.525	6.97
41)	T	Methacrylonitrile	0.160	0.128	0.181	0.187	0.185	0.235	0.179	19.69
42)	TM	1,2-Dichloroet...	0.602	0.597	0.580	0.546	0.514	0.506	0.558	7.50
43)	T	Isopropyl Acetate	0.795	0.619	0.770	0.717	0.670	0.784	0.726	9.66
44)	TM	Trichloroethene	0.444	0.433	0.433	0.392	0.391	0.389	0.414	6.22
45)	C	1,2-Dichloropr...	0.341	0.335	0.425	0.397	0.330	0.366	0.366	10.50#
46)	T	Dibromomethane	0.354	0.305	0.319	0.300	0.280	0.284	0.307	8.86
47)	T	Bromodichlorom...	0.686	0.635	0.657	0.616	0.584	0.571	0.625	7.00
48)	T	Methyl methacr...	0.342	0.238	0.337	0.322	0.326	0.387	0.325	15.03
49)	T	1,4-Dioxane	0.005	0.005	0.007	0.006	0.005	0.006	0.005	12.42
50)	S	Toluene-d8		1.355	1.253	1.346	1.338	1.246	1.308	4.07
51)	T	4-Methyl-2-Pen...	0.327	0.440	0.549	0.525	0.505	0.514	0.477	17.14
52)	CM	Toluene	0.791	0.916	1.026	1.009	1.070	0.984	0.966	10.32#
53)	T	t-1,3-Dichloro...	0.539	0.509	0.591	0.567	0.696	0.602	0.584	11.06
54)	T	cis-1,3-Dichlo...	0.502	0.572	0.660	0.634	0.628	0.635	0.605	9.62
55)	T	1,1,2-Trichlor...	0.404	0.432	0.427	0.417	0.466	0.381	0.421	6.82
56)	T	Ethyl methacry...	0.283	0.394	0.512	0.507	0.664	0.602	0.494	28.00

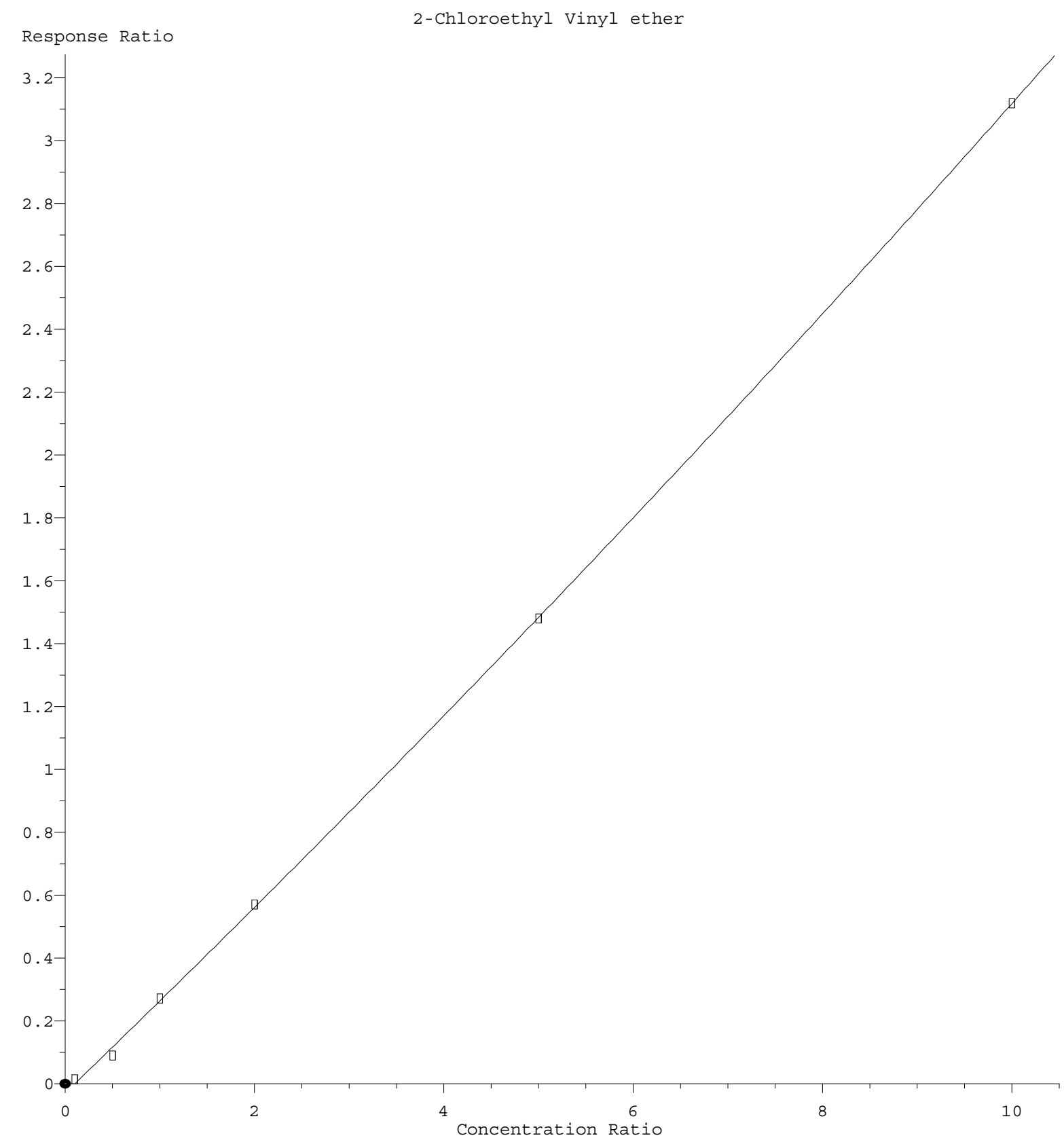
Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : 82V082125W.M

57)	T	1,3-Dichloropr...	0.554	0.644	0.705	0.656	0.757	0.624	0.657	10.57
58)	T	2-Chloroethyl ...	0.142	0.180	0.271	0.285	0.296	0.312	0.248	28.14
59)	T	2-Hexanone	0.208	0.302	0.388	0.385	0.465	0.384	0.355	24.92
60)	T	Dibromochlorom...	0.498	0.522	0.516	0.495	0.559	0.462	0.509	6.38
61)	T	1,2-Dibromoethane	0.367	0.437	0.459	0.442	0.498	0.417	0.437	10.01
62)	S	4-Bromofluorob...		0.425	0.459	0.472	0.559	0.477	0.478	10.34
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.359	0.382	0.397	0.368	0.364	0.362	0.372	3.95
65)	PM	Chlorobenzene	1.265	1.206	1.291	1.166	1.163	1.142	1.206	5.01
66)	T	1,1,1,2-Tetrac...	0.435	0.447	0.463	0.426	0.420	0.407	0.433	4.63
67)	C	Ethyl Benzene	1.654	1.659	1.931	1.848	1.952	1.998	1.840	8.16#
68)	T	m/p-Xylenes	0.574	0.615	0.769	0.762	0.784	0.785	0.715	13.23
69)	T	o-Xylene	0.529	0.572	0.686	0.669	0.712	0.740	0.651	12.72
70)	T	Styrene	0.853	0.911	1.143	1.210	1.291	1.298	1.118	17.18
71)	P	Bromoform	0.369	0.360	0.365	0.351	0.350	0.344	0.357	2.68
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.332	2.780	3.573	3.605	3.326	3.515	3.355	9.12
74)	T	N-amyl acetate	1.236	1.010	1.258	1.261	1.242	1.369	1.229	9.59
75)	P	1,1,2,2-Tetrac...	1.745	1.323	1.368	1.324	1.111	1.122	1.332	17.28
76)	T	1,2,3-Trichlor...	0.956	0.908	0.990	0.957	0.850	0.903	0.927	5.42
77)	T	Bromobenzene	0.867	0.823	0.928	0.910	0.805	0.839	0.862	5.67
78)	T	n-propylbenzene	3.733	3.378	4.272	4.366	4.060	4.227	4.006	9.48
79)	T	2-Chlorotoluene	2.071	2.229	2.626	2.668	2.365	2.471	2.405	9.60
80)	T	1,3,5-Trimethy...	2.731	2.426	3.000	2.831	2.917	3.037	2.824	7.95
81)	T	trans-1,4-Dich...		0.340	0.428	0.418	0.404	0.430	0.404	9.28
82)	T	4-Chlorotoluene	2.560	2.444	3.092	2.732	2.847	2.957	2.772	8.79
83)	T	tert-Butylbenzene	2.820	2.593	2.914	2.648	2.825	3.022	2.804	5.74
84)	T	1,2,4-Trimethy...	2.539	2.184	2.888	2.712	2.878	3.012	2.702	11.18
85)	T	sec-Butylbenzene	3.617	3.205	3.874	3.572	3.720	3.889	3.646	6.91
86)	T	p-Isopropyltol...	2.854	2.661	3.354	3.088	3.170	3.296	3.071	8.69
87)	T	1,3-Dichlorobe...	1.735	1.691	1.841	1.660	1.623	1.663	1.702	4.56
88)	T	1,4-Dichlorobe...	1.999	1.803	2.011	1.733	1.666	1.683	1.816	8.50
89)	T	n-Butylbenzene	2.978	2.550	3.030	3.151	3.041	3.200	2.992	7.74
90)	T	Hexachloroethane	0.828	0.727	0.720	0.721	0.620	0.641	0.710	10.39
91)	T	1,2-Dichlorobe...	1.685	1.559	1.702	1.707	1.521	1.564	1.623	5.17
92)	T	1,2-Dibromo-3-...	0.287	0.261	0.242	0.274	0.236	0.255	0.259	7.39
93)	T	1,2,4-Trichlor...	0.938	0.865	0.965	1.004	0.973	1.065	0.969	6.89
94)	T	Hexachlorobuta...	0.593	0.477	0.507	0.520	0.444	0.456	0.499	10.82
95)	T	Naphthalene	2.756	2.407	3.002	3.131	3.340	3.702	3.057	14.76
96)	T	1,2,3-Trichlor...	0.878	0.847	1.028	1.059	0.983	1.064	0.977	9.55

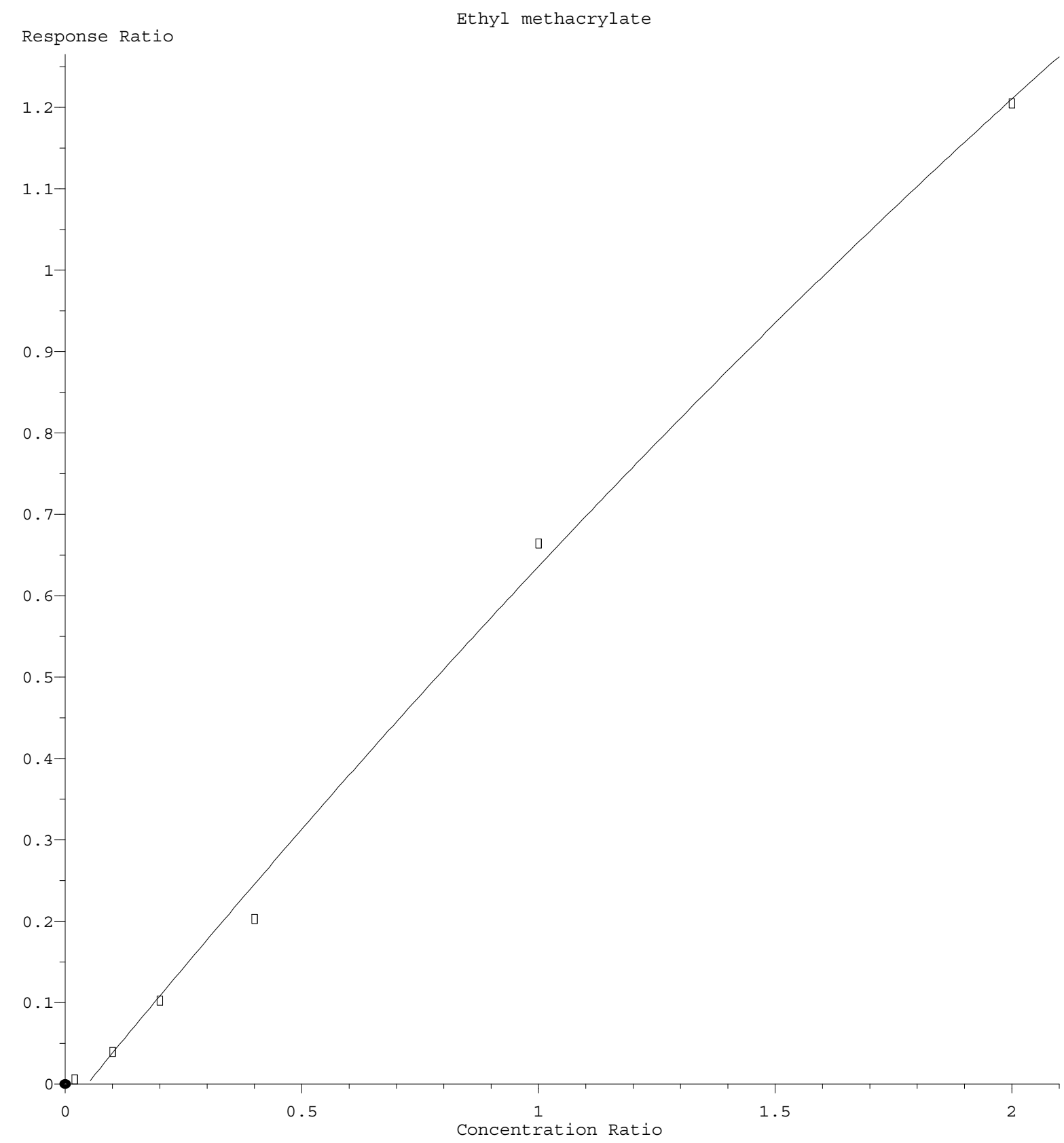
(#) = Out of Range



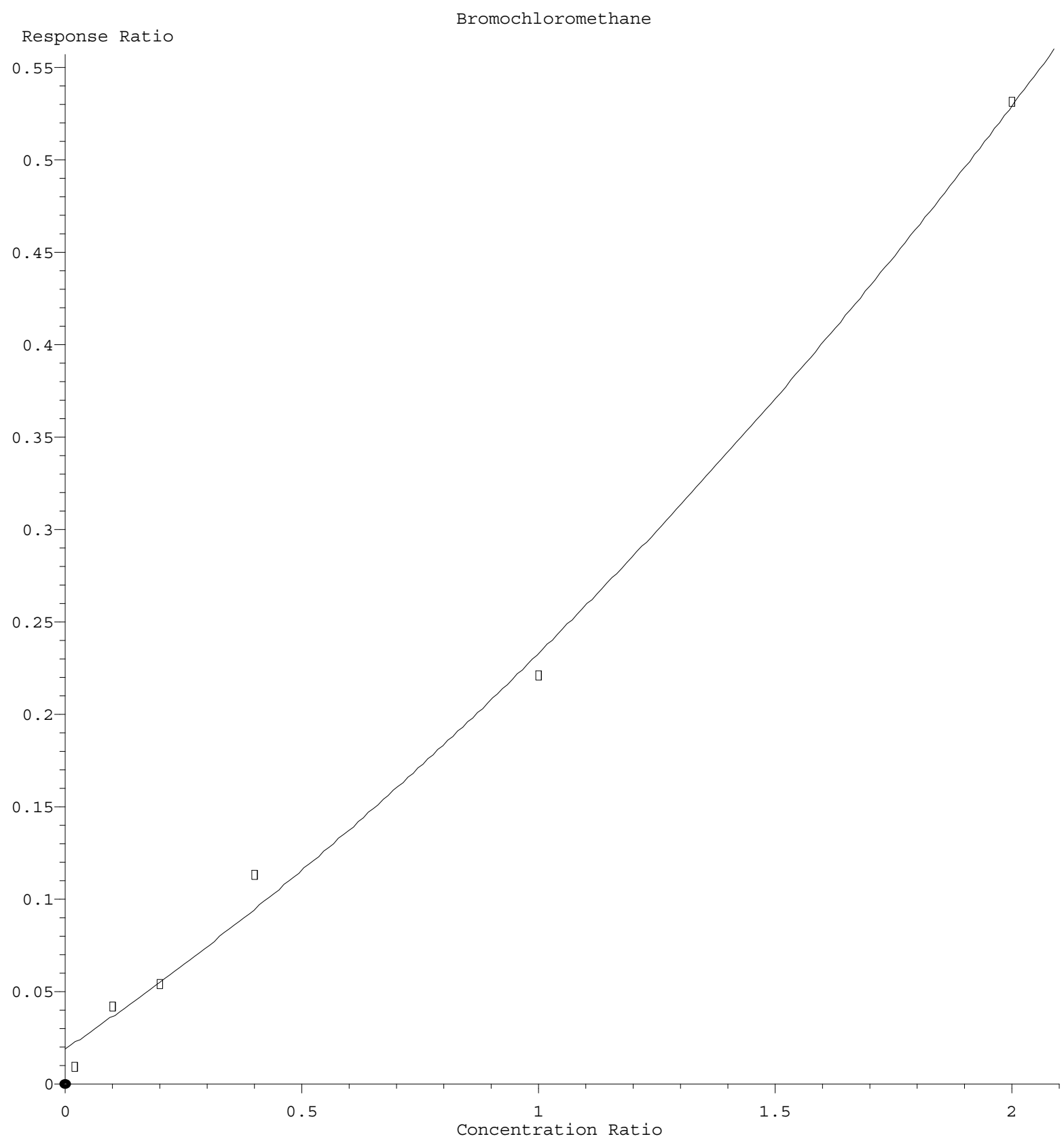
R = -1.447e-002 A*A + 5.419e-001 A - 1.174e-001
Coef of Det (r^2) = 0.996882 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



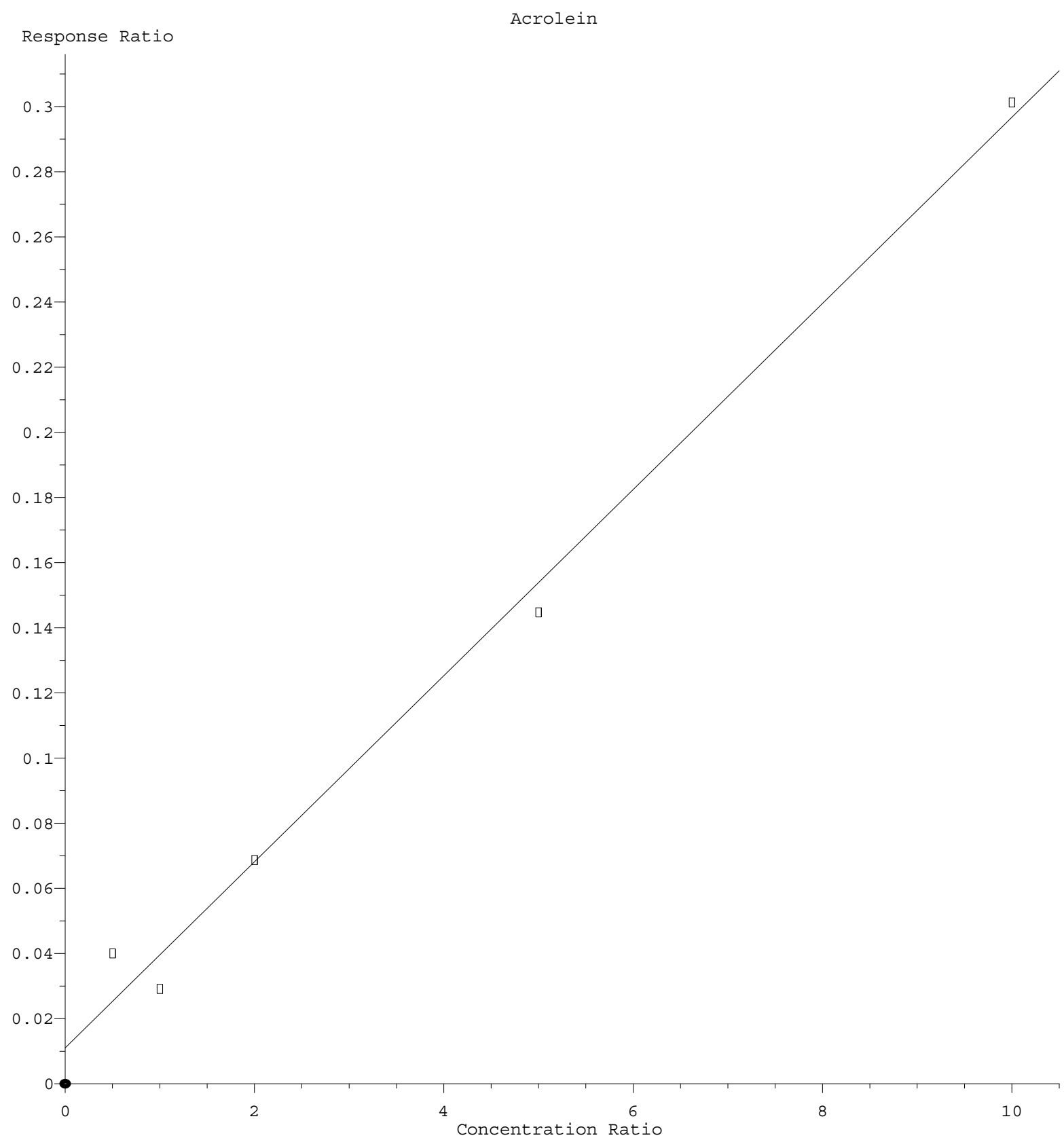
R = 2.438e-003 A*A + 2.903e-001 A - 2.897e-002
Coef of Det (r^2) = 0.999851 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



R = -4.716e-002 A*A + 7.159e-001 A - 3.305e-002
Coef of Det (r^2) = 0.997058 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



R = 4.102e-002 A*A + 1.731e-001 A + 1.887e-002
Coef of Det (r^2) = 0.996398 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



Response = 2.852e-002 * Amt + 1.123e-002
Coef of Det (r^2) = 0.991499 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038973.D
Acq On : 21 Aug 2025 09:05
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 03:54:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:54:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.596	168	361688	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	5.529	114	636070	50.000	ug/l		0.00
63) Chlorobenzene-d5	8.776	117	596513	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	251713	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	6883	1.273	ug/l		96
3) Chloromethane	1.227	50	6352	1.137	ug/l		92
4) Vinyl Chloride	1.297	62	7123	1.209	ug/l		90
6) Chloroethane	1.564	64	2500m	0.834	ug/l		
7) Trichlorofluoromethane	1.725	101	9708	1.203	ug/l		94
8) Diethyl Ether	1.918	74	3244	1.307	ug/l		91
9) 1,1,2-Trichlorotrifluo...	2.079	101	5954	1.336	ug/l		99
12) 1,1-Dichloroethene	2.085	96	4880	1.189	ug/l		94
14) Allyl chloride	2.358	41	6298	1.149	ug/l		93
15) Acrylonitrile	2.699	53	11114m	5.319	ug/l		
16) Acetone	2.121	43	14090	6.917	ug/l		92
17) Carbon Disulfide	2.256	76	13201	1.156	ug/l	#	94
18) Methyl Acetate	2.394	43	4416m	1.023	ug/l		
19) Methyl tert-butyl Ether	2.715	73	11785	0.971	ug/l		96
20) Methylene Chloride	2.458	84	5824	1.230	ug/l		96
21) trans-1,2-Dichloroethene	2.709	96	4171	0.976	ug/l	#	82
22) Diisopropyl ether	3.217	45	12570m	1.045	ug/l		
23) Vinyl Acetate	3.220	43	44070m	4.574	ug/l		
24) 1,1-Dichloroethane	3.124	63	9355	1.174	ug/l		97
25) 2-Butanone	3.953	43	10293m	3.802	ug/l		
26) 2,2-Dichloropropane	3.815	77	8938	1.169	ug/l		90
27) cis-1,2-Dichloroethene	3.847	96	5246m	1.017	ug/l		
28) Bromochloromethane	4.175	49	3349m	1.445	ug/l		
29) Tetrahydrofuran	4.265	42	8270m	4.690	ug/l		
30) Chloroform	4.288	83	9932	1.064	ug/l		91
32) 1,1,1-Trichloroethane	4.513	97	10188	1.190	ug/l	#	45
36) 1,1-Dichloropropene	4.757	75	6881m	1.111	ug/l		
37) Ethyl Acetate	3.953	43	5460m	0.857	ug/l		
38) Carbon Tetrachloride	4.744	117	9223	1.112	ug/l		99
39) Methylcyclohexane	6.043	83	7300	0.922	ug/l	#	84
40) Benzene	5.024	78	17600	0.907	ug/l	#	88
41) Methacrylonitrile	4.252	41	2032m	0.844	ug/l		
42) 1,2-Dichloroethane	5.066	62	7662m	1.080	ug/l		
43) Isopropyl Acetate	5.236	43	10108m	1.102	ug/l		
44) Trichloroethene	5.854	130	5651	1.074	ug/l		95
45) 1,2-Dichloropropane	6.114	63	4343	0.933	ug/l	#	88

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038973.D
Acq On : 21 Aug 2025 09:05
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 03:54:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:54:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	6.249	93	4509	1.155	ug/l		87
47) Bromodichloromethane	6.439	83	8726	1.098	ug/l		91
48) Methyl methacrylate	6.368	41	4351m	1.071	ug/l		
49) 1,4-Dioxane	6.333	88	1233m	17.377	ug/l		
51) 4-Methyl-2-Pentanone	7.159	43	20823	3.382	ug/l		91
52) Toluene	7.326	92	10062	0.819	ug/l		96
53) t-1,3-Dichloropropene	7.606	75	6854m	0.923	ug/l		
54) cis-1,3-Dichloropropene	6.966	75	6390	0.830	ug/l		92
55) 1,1,2-Trichloroethane	7.776	97	5138	0.959	ug/l		94
56) Ethyl methacrylate	7.741	69	3602	2.674	ug/l	#	88
57) 1,3-Dichloropropane	7.950	76	7044	0.843	ug/l		94
58) 2-Chloroethyl Vinyl ether	6.844	63	9019	7.421	ug/l	#	77
59) 2-Hexanone	8.088	43	13246	12.844	ug/l		89
60) Dibromochloromethane	8.175	129	6338	0.980	ug/l		99
61) 1,2-Dibromoethane	8.284	107	4673	0.841	ug/l		100
64) Tetrachloroethene	7.905	164	4279	0.964	ug/l		94
65) Chlorobenzene	8.808	112	15090	1.049	ug/l		100
66) 1,1,1,2-Tetrachloroethane	8.902	131	5184	1.004	ug/l	#	60
67) Ethyl Benzene	8.947	91	19734	0.899	ug/l		91
68) m/p-Xylenes	9.072	106	13689	1.605	ug/l		93
69) o-Xylene	9.477	106	6311	0.812	ug/l		98
70) Styrene	9.506	104	10182m	0.764	ug/l		
71) Bromoform	9.667	173	4399m	1.032	ug/l		
73) Isopropylbenzene	9.860	105	16775	0.993	ug/l		99
74) N-amyl acetate	9.760	43	6220m	1.014	ug/l		
75) 1,1,2,2-Tetrachloroethane	10.172	83	8787	1.310	ug/l		99
76) 1,2,3-Trichloropropane	10.207	75	4814	1.040	ug/l	#	23
77) Bromobenzene	10.152	156	4365	1.006	ug/l		87
78) n-propylbenzene	10.284	91	18791	0.932	ug/l		99
79) 2-Chlorotoluene	10.358	91	10427	0.842	ug/l		97
80) 1,3,5-Trimethylbenzene	10.471	105	13747	0.967	ug/l		97
82) 4-Chlorotoluene	10.477	91	12887	0.923	ug/l		99
83) tert-Butylbenzene	10.792	119	14198	1.006	ug/l		95
84) 1,2,4-Trimethylbenzene	10.850	105	12782	0.940	ug/l		95
85) sec-Butylbenzene	11.014	105	18208	0.992	ug/l		95
86) p-Isopropyltoluene	11.168	119	14370	0.930	ug/l		91
87) 1,3-Dichlorobenzene	11.117	146	8733	1.019	ug/l		98
88) 1,4-Dichlorobenzene	11.197	146	10066m	1.101	ug/l		
89) n-Butylbenzene	11.590	91	14990	0.995	ug/l		91
90) Hexachloroethane	11.818	117	4168	1.167	ug/l		87
91) 1,2-Dichlorobenzene	11.580	146	8482	1.038	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.358	75	1443	1.106	ug/l		82
93) 1,2,4-Trichlorobenzene	13.197	180	4723	0.969	ug/l		95
94) Hexachlorobutadiene	13.374	225	2983	1.187	ug/l		92
95) Naphthalene	13.438	128	13876	0.902	ug/l	#	93
96) 1,2,3-Trichlorobenzene	13.676	180	4421	0.899	ug/l		92

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

ICAL Form

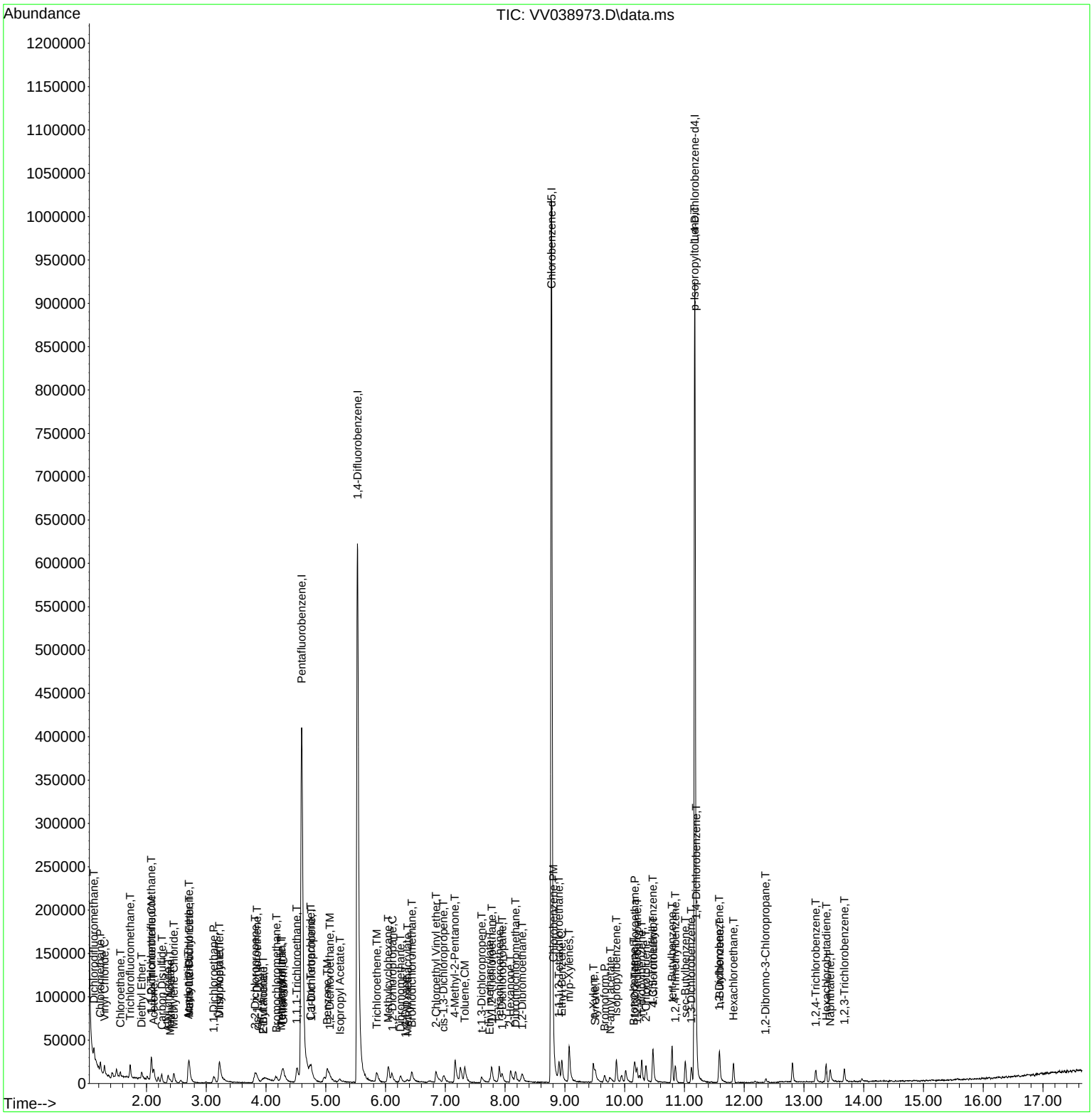
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038973.D
Acq On : 21 Aug 2025 09:05
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 03:54:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:54:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038974.D
Acq On : 21 Aug 2025 09:48
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 03:44:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	412913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	670769	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	663470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	349115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	33658	5.809	ug/l	0.01
Spiked Amount 50.000	Range 81 - 118		Recovery = 11.620%#			
35) Dibromofluoromethane	4.513	113	28151	5.596	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 11.200%#			
50) Toluene-d8	7.239	98	90872	5.180	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 10.360%#			
62) 4-Bromofluorobenzene	10.008	95	28515	4.444	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 8.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	31224	5.059	ug/l	94
3) Chloromethane	1.230	50	35210	5.522	ug/l	99
4) Vinyl Chloride	1.298	62	35075	5.214	ug/l	98
5) Bromomethane	1.494	94	18959	5.215	ug/l	97
6) Chloroethane	1.558	64	23075m	6.745	ug/l	
7) Trichlorofluoromethane	1.725	101	48621	5.276	ug/l	98
8) Diethyl Ether	1.918	74	14331	5.056	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	25939	5.099	ug/l	99
10) Methyl Iodide	2.195	142	32050	5.064	ug/l	97
11) Tert butyl alcohol	2.568	59	17144	21.862	ug/l #	85
12) 1,1-Dichloroethene	2.082	96	24504	5.229	ug/l	97
13) Acrolein	2.008	56	16525	50.477	ug/l	94
14) Allyl chloride	2.359	41	31941	5.105	ug/l	92
15) Acrylonitrile	2.680	53	50041	20.977	ug/l	99
16) Acetone	2.121	43	54515	23.443	ug/l	97
17) Carbon Disulfide	2.249	76	67348	5.167	ug/l	97
18) Methyl Acetate	2.388	43	24339	4.938	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	61304	4.424	ug/l #	91
20) Methylene Chloride	2.455	84	27192	5.032	ug/l	92
21) trans-1,2-Dichloroethene	2.706	96	23815	4.879	ug/l	94
22) Diisopropyl ether	3.214	45	50693	3.690	ug/l #	66
23) Vinyl Acetate	3.195	43	216983	19.728	ug/l	100
24) 1,1-Dichloroethane	3.121	63	42455	4.665	ug/l	100
25) 2-Butanone	3.883	43	69389	22.452	ug/l	99
26) 2,2-Dichloropropane	3.809	77	43233	4.953	ug/l	98
27) cis-1,2-Dichloroethene	3.831	96	29322	4.977	ug/l	97
28) Bromochloromethane	4.162	49	17309	6.461	ug/l	88
29) Tetrahydrofuran	4.243	42	45392	22.546	ug/l	88
30) Chloroform	4.278	83	55537	5.211	ug/l	98
31) Cyclohexane	4.584	56	44744	5.511	ug/l #	89
32) 1,1,1-Trichloroethane	4.513	97	51520	5.273	ug/l	99
36) 1,1-Dichloropropene	4.751	75	28257	4.325	ug/l	98
37) Ethyl Acetate	3.998	43	36401m	5.421	ug/l	
38) Carbon Tetrachloride	4.735	117	48720	5.569	ug/l	96
39) Methylcyclohexane	6.043	83	39602	4.744	ug/l	95
40) Benzene	5.014	78	104481	5.106	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038974.D
Acq On : 21 Aug 2025 09:48
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 03:44:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.188	41	8577m	3.379	ug/l		
42) 1,2-Dichloroethane	5.047	62	40055	5.355	ug/l		89
43) Isopropyl Acetate	5.201	43	41554	4.295	ug/l	#	92
44) Trichloroethene	5.838	130	29053	5.235	ug/l		99
45) 1,2-Dichloropropane	6.095	63	22470	4.579	ug/l		96
46) Dibromomethane	6.236	93	20428	4.961	ug/l		97
47) Bromodichloromethane	6.429	83	42561	5.079	ug/l		99
48) Methyl methacrylate	6.320	41	15941	3.720	ug/l		96
49) 1,4-Dioxane	6.307	88	6245	83.460	ug/l	#	92
51) 4-Methyl-2-Pentanone	7.149	43	147493	22.716	ug/l		94
52) Toluene	7.313	92	61443	4.741	ug/l		95
53) t-1,3-Dichloropropene	7.583	75	34156	4.360	ug/l		96
54) cis-1,3-Dichloropropene	6.957	75	38343	4.724	ug/l		96
55) 1,1,2-Trichloroethane	7.767	97	28995	5.132	ug/l		98
56) Ethyl methacrylate	7.725	69	26451	5.062	ug/l		98
57) 1,3-Dichloropropane	7.937	76	43220	4.906	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.818	63	60203	20.376	ug/l		92
59) 2-Hexanone	8.072	43	101321	25.107	ug/l		91
60) Dibromochloromethane	8.169	129	35047	5.137	ug/l		100
61) 1,2-Dibromoethane	8.281	107	29319	5.002	ug/l		97
64) Tetrachloroethene	7.899	164	25352	5.135	ug/l		98
65) Chlorobenzene	8.805	112	80045	5.004	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	29630	5.160	ug/l		99
67) Ethyl Benzene	8.940	91	110094	4.508	ug/l		97
68) m/p-Xylenes	9.066	106	81612	8.605	ug/l		98
69) o-Xylene	9.471	106	37957	4.391	ug/l		94
70) Styrene	9.493	104	60420	4.074	ug/l		96
71) Bromoform	9.657	173	23906	5.044	ug/l	#	96
73) Isopropylbenzene	9.857	105	97042	4.142	ug/l		95
74) N-amyl acetate	9.731	43	35268	4.145	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	10.169	83	46204	4.966	ug/l		99
76) 1,2,3-Trichloropropane	10.201	75	31694	4.937	ug/l		92
77) Bromobenzene	10.146	156	28738	4.775	ug/l		94
78) n-propylbenzene	10.278	91	117925	4.216	ug/l		99
79) 2-Chlorotoluene	10.349	91	77822	4.533	ug/l		98
80) 1,3,5-Trimethylbenzene	10.464	105	84706	4.297	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.934	75	11853	4.202	ug/l		93
82) 4-Chlorotoluene	10.468	91	85322	4.408	ug/l		98
83) tert-Butylbenzene	10.789	119	90520	4.624	ug/l		95
84) 1,2,4-Trimethylbenzene	10.844	105	76248	4.041	ug/l		97
85) sec-Butylbenzene	11.014	105	111895	4.395	ug/l		98
86) p-Isopropyltoluene	11.169	119	92903	4.333	ug/l		98
87) 1,3-Dichlorobenzene	11.111	146	59042	4.968	ug/l		98
88) 1,4-Dichlorobenzene	11.198	146	62961	4.966	ug/l		92
89) n-Butylbenzene	11.583	91	89015	4.261	ug/l		98
90) Hexachloroethane	11.821	117	25371	5.120	ug/l		96
91) 1,2-Dichlorobenzene	11.570	146	54438	4.804	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	9123	5.042	ug/l		95
93) 1,2,4-Trichlorobenzene	13.188	180	30205	4.466	ug/l		95
94) Hexachlorobutadiene	13.371	225	16645	4.774	ug/l		97
95) Naphthalene	13.429	128	84039	3.938	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	29578	4.337	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038974.D
Acq On : 21 Aug 2025 09:48
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 03:44:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 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

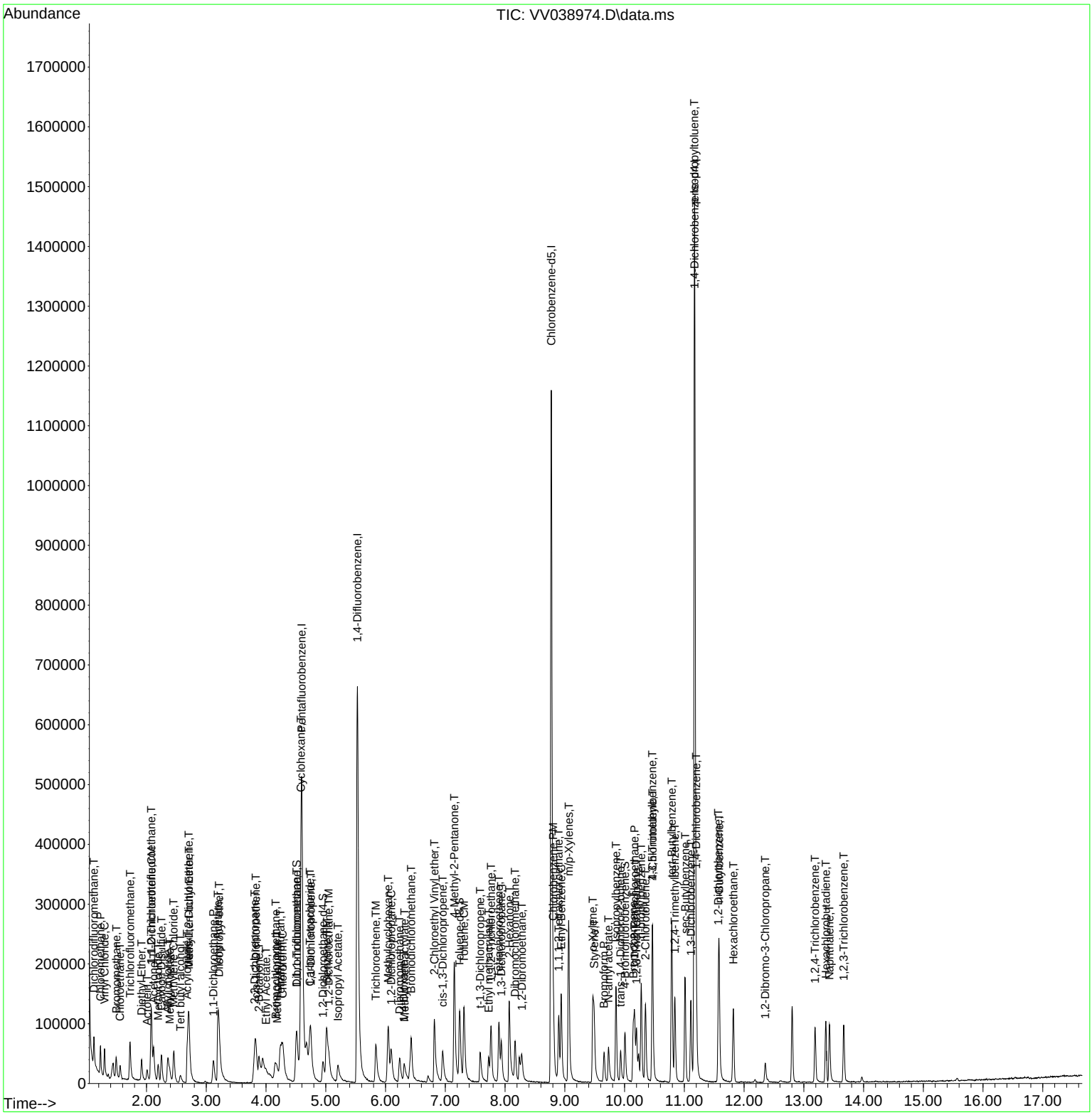
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038974.D
Acq On : 21 Aug 2025 09:48
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 03:44:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038975.D
Acq On : 21 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Aug 22 03:45:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	493049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	770115	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	738684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	389746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	137174	19.828	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 39.660%#			
35) Dibromofluoromethane	4.503	113	118835	20.576	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 41.160%#			
50) Toluene-d8	7.236	98	414482	20.581	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 41.160%#			
62) 4-Bromofluorobenzene	10.001	95	145467	19.744	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 39.480%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	133170	18.068	ug/l	99
3) Chloromethane	1.230	50	140328	18.432	ug/l	98
4) Vinyl Chloride	1.294	62	135730	16.896	ug/l	99
5) Bromomethane	1.497	94	76753	17.679	ug/l	98
6) Chloroethane	1.561	64	72005	17.627	ug/l	93
7) Trichlorofluoromethane	1.725	101	202353	18.388	ug/l	99
8) Diethyl Ether	1.918	74	60745	17.949	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	110063	18.119	ug/l	98
10) Methyl Iodide	2.195	142	147214	19.479	ug/l	98
11) Tert butyl alcohol	2.558	59	100756	107.602	ug/l	100
12) 1,1-Dichloroethene	2.079	96	102277	18.278	ug/l	98
13) Acrolein	2.008	56	33864	100.726	ug/l	100
14) Allyl chloride	2.359	41	142005	19.007	ug/l	97
15) Acrylonitrile	2.674	53	323462	113.558	ug/l	98
16) Acetone	2.114	43	257266	92.651	ug/l	100
17) Carbon Disulfide	2.249	76	290919	18.692	ug/l	99
18) Methyl Acetate	2.381	43	125778	21.371	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	353510	21.365	ug/l	96
20) Methylene Chloride	2.455	84	136883	21.213	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	126219	21.656	ug/l	98
22) Diisopropyl ether	3.211	45	348305	21.233	ug/l	97
23) Vinyl Acetate	3.188	43	1421747	108.257	ug/l	96
24) 1,1-Dichloroethane	3.118	63	221234	20.360	ug/l	97
25) 2-Butanone	3.860	43	391716	106.147	ug/l	97
26) 2,2-Dichloropropane	3.809	77	201464	19.328	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	135389	19.246	ug/l	95
28) Bromochloromethane	4.146	49	55788	24.411	ug/l	89
29) Tetrahydrofuran	4.230	42	251836	104.757	ug/l	91
30) Chloroform	4.275	83	245359	19.282	ug/l	98
31) Cyclohexane	4.584	56	188266	19.419	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	218298	18.712	ug/l	99
36) 1,1-Dichloropropene	4.744	75	152312	20.307	ug/l	99
37) Ethyl Acetate	3.973	43	146658	19.022	ug/l	94
38) Carbon Tetrachloride	4.735	117	187355	18.653	ug/l	99
39) Methylcyclohexane	6.043	83	188639	19.683	ug/l	93
40) Benzene	5.008	78	493541	21.009	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038975.D
Acq On : 21 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Aug 22 03:45:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	57745	19.814	ug/l	97
42) 1,2-Dichloroethane	5.040	62	168343	19.601	ug/l	99
43) Isopropyl Acetate	5.188	43	220954	19.889	ug/l	97
44) Trichloroethene	5.831	130	120625	18.930	ug/l	94
45) 1,2-Dichloropropane	6.088	63	122368	21.719	ug/l	96
46) Dibromomethane	6.227	93	92422	19.550	ug/l	96
47) Bromodichloromethane	6.426	83	189626	19.709	ug/l	99
48) Methyl methacrylate	6.297	41	99334	20.192	ug/l	95
49) 1,4-Dioxane	6.288	88	34249	398.670	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	808270	108.428	ug/l	98
52) Toluene	7.307	92	310827	20.892	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	174587	19.411	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	195164	20.942	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	128426	19.798	ug/l	97
56) Ethyl methacrylate	7.715	69	156208	16.834	ug/l	98
57) 1,3-Dichloropropane	7.934	76	202191	19.989	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	439082	101.454	ug/l	97
59) 2-Hexanone	8.063	43	592514	85.746	ug/l	97
60) Dibromochloromethane	8.166	129	152342	19.449	ug/l	100
61) 1,2-Dibromoethane	8.275	107	136218	20.240	ug/l	98
64) Tetrachloroethene	7.895	164	108840	19.802	ug/l	98
65) Chlorobenzene	8.805	112	344406	19.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	125776	19.672	ug/l	98
67) Ethyl Benzene	8.937	91	546149	20.087	ug/l	100
68) m/p-Xylenes	9.063	106	450062	42.621	ug/l	99
69) o-Xylene	9.468	106	197804	20.552	ug/l	95
70) Styrene	9.487	104	357594	21.656	ug/l	99
71) Bromoform	9.654	173	103675	19.646	ug/l	99
73) Isopropylbenzene	9.857	105	561962	21.487	ug/l	100
74) N-amyl acetate	9.725	43	196570	20.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	206468	19.878	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	149251	20.824	ug/l	98
77) Bromobenzene	10.140	156	141847	21.110	ug/l	98
78) n-propylbenzene	10.278	91	680632	21.797	ug/l	99
79) 2-Chlorotoluene	10.349	91	415958	21.704	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	441294	20.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	65212	20.710	ug/l	96
82) 4-Chlorotoluene	10.461	91	425956	19.712	ug/l	98
83) tert-Butylbenzene	10.789	119	412752	18.886	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	422791	20.073	ug/l	99
85) sec-Butylbenzene	11.011	105	556915	19.594	ug/l	99
86) p-Isopropyltoluene	11.165	119	481435	20.114	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	258827	19.507	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	270145	19.087	ug/l	99
89) n-Butylbenzene	11.580	91	491308	21.069	ug/l	100
90) Hexachloroethane	11.821	117	112471	20.332	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	266153	21.037	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	42681	21.129	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	156598	20.742	ug/l	99
94) Hexachlorobutadiene	13.368	225	81040	20.821	ug/l	97
95) Naphthalene	13.426	128	488193	20.490	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	165134	21.692	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038975.D
Acq On : 21 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Aug 22 03:45:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

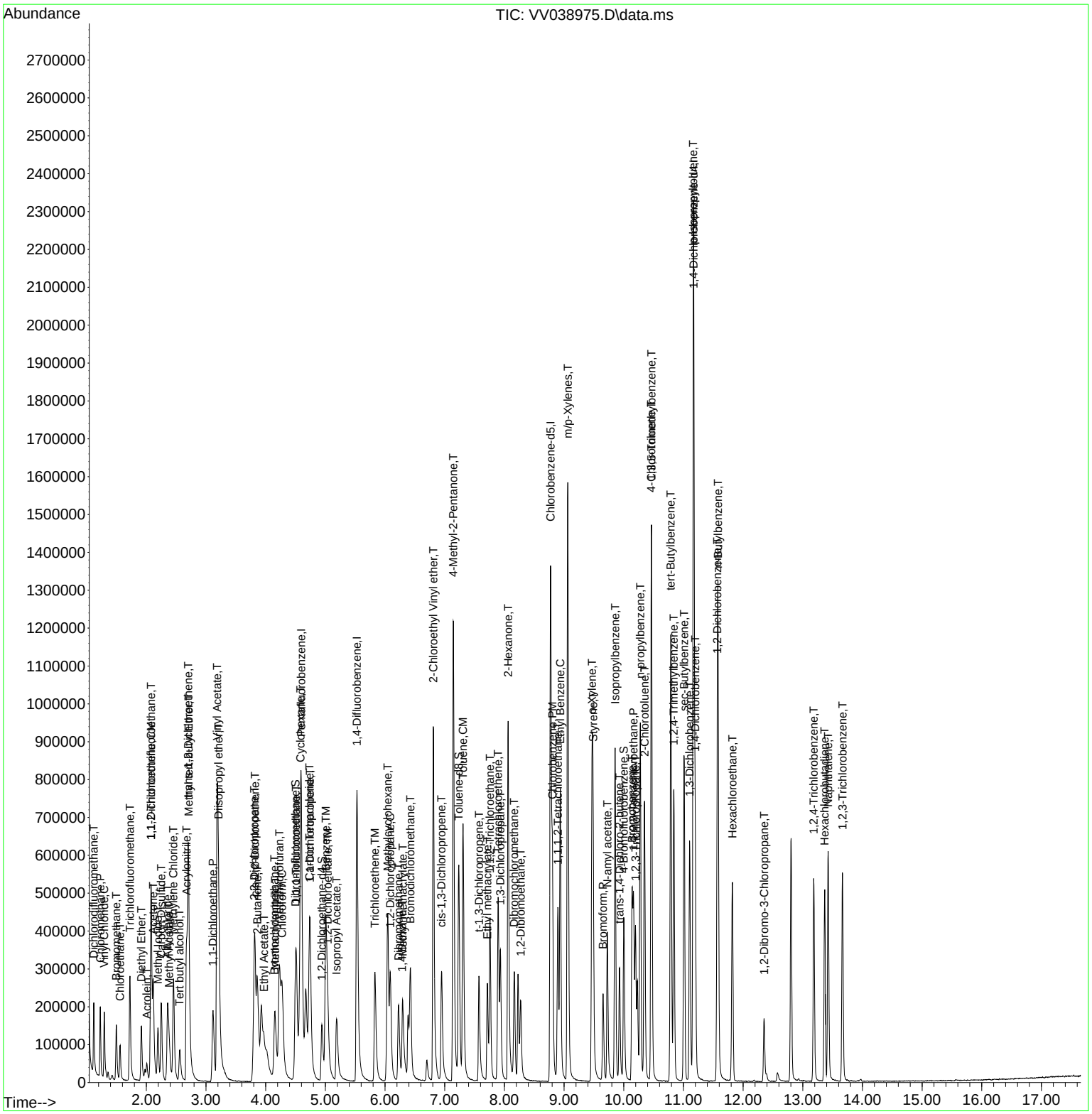
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038975.D
Acq On : 21 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Aug 22 03:45:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038976.D
Acq On : 21 Aug 2025 10:38
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Aug 22 03:46:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	448849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	689451	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	777232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	462251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	288796	45.854	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 91.700%			
35) Dibromofluoromethane	4.503	113	238280	46.084	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 92.160%			
50) Toluene-d8	7.236	98	922715	51.177	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 102.360%			
62) 4-Bromofluorobenzene	10.002	95	385450	58.439	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 116.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	324254	48.326	ug/l	100
3) Chloromethane	1.227	50	344558	49.714	ug/l	100
4) Vinyl Chloride	1.294	62	369283	50.497	ug/l	100
5) Bromomethane	1.494	94	200986	50.854	ug/l	100
6) Chloroethane	1.558	64	185722	49.944	ug/l	100
7) Trichlorofluoromethane	1.725	101	488190	48.730	ug/l	100
8) Diethyl Ether	1.915	74	143076	46.440	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	248852	45.001	ug/l	100
10) Methyl Iodide	2.195	142	351327	51.065	ug/l	100
11) Tert butyl alcohol	2.561	59	210470	246.905	ug/l	100
12) 1,1-Dichloroethene	2.079	96	240695	47.250	ug/l	100
13) Acrolein	2.008	56	64952	234.007	ug/l	100
14) Allyl chloride	2.356	41	318552	46.835	ug/l	100
15) Acrylonitrile	2.671	53	612933	236.374	ug/l	100
16) Acetone	2.118	43	558678	221.014	ug/l	100
17) Carbon Disulfide	2.253	76	662441	46.754	ug/l	100
18) Methyl Acetate	2.378	43	251313	46.906	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	769957	51.117	ug/l	100
20) Methylene Chloride	2.455	84	260786	44.394	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	257083	48.453	ug/l	100
22) Diisopropyl ether	3.211	45	648326	43.415	ug/l	100
23) Vinyl Acetate	3.185	43	2754420	230.385	ug/l	100
24) 1,1-Dichloroethane	3.118	63	421880	42.649	ug/l	100
25) 2-Butanone	3.857	43	746049	222.071	ug/l	100
26) 2,2-Dichloropropane	3.812	77	418362	44.088	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	287359	44.872	ug/l	100
28) Bromochloromethane	4.146	49	99203	47.639	ug/l	100
29) Tetrahydrofuran	4.230	42	470026	214.773	ug/l	100
30) Chloroform	4.278	83	491932	42.466	ug/l	100
31) Cyclohexane	4.587	56	362688	41.094	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	466097	43.888	ug/l	100
36) 1,1-Dichloropropene	4.744	75	312051	46.472	ug/l	100
37) Ethyl Acetate	3.970	43	269687	39.071	ug/l	100
38) Carbon Tetrachloride	4.735	117	424814	47.243	ug/l	100
39) Methylcyclohexane	6.047	83	435443	50.751	ug/l	100
40) Benzene	5.008	78	986232	46.893	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038976.D
Acq On : 21 Aug 2025 10:38
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Aug 22 03:46:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.153	41	127313	48.796	ug/l		100
42) 1,2-Dichloroethane	5.037	62	354409	46.094	ug/l		100
43) Isopropyl Acetate	5.188	43	461979	46.451	ug/l		100
44) Trichloroethene	5.831	130	269834	47.300	ug/l		100
45) 1,2-Dichloropropane	6.088	63	227210	45.046	ug/l		100
46) Dibromomethane	6.224	93	192782	45.550	ug/l		100
47) Bromodichloromethane	6.426	83	402376	46.715	ug/l		100
48) Methyl methacrylate	6.294	41	224732	51.026	ug/l		100
49) 1,4-Dioxane	6.285	88	73876	960.553	ug/l		100
51) 4-Methyl-2-Pentanone	7.146	43	1740974	260.874	ug/l		100
52) Toluene	7.307	92	737583	55.376	ug/l		100
53) t-1,3-Dichloropropene	7.574	75	479897	59.598	ug/l		100
54) cis-1,3-Dichloropropene	6.947	75	433052	51.906	ug/l		100
55) 1,1,2-Trichloroethane	7.760	97	321494	55.358	ug/l		100
56) Ethyl methacrylate	7.715	69	457863	52.314	ug/l		100
57) 1,3-Dichloropropane	7.934	76	521692	57.609	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.809	63	1020342	249.422	ug/l		100
59) 2-Hexanone	8.063	43	1602266	261.865	ug/l		100
60) Dibromochloromethane	8.169	129	385284	54.943	ug/l		100
61) 1,2-Dibromoethane	8.272	107	343681	57.042	ug/l		100
64) Tetrachloroethene	7.895	164	283092	48.950	ug/l		100
65) Chlorobenzene	8.802	112	904145	48.247	ug/l		100
66) 1,1,1,2-Tetrachloroethane	8.899	131	326401	48.520	ug/l		100
67) Ethyl Benzene	8.937	91	1516801	53.020	ug/l		100
68) m/p-Xylenes	9.063	106	1219116	109.725	ug/l		100
69) o-Xylene	9.468	106	553593	54.666	ug/l		100
70) Styrene	9.484	104	1003744	57.773	ug/l		100
71) Bromoform	9.654	173	272020	48.991	ug/l	#	100
73) Isopropylbenzene	9.857	105	1537427	49.565	ug/l		100
74) N-amyl acetate	9.725	43	574314	50.981	ug/l		100
75) 1,1,2,2-Tetrachloroethane	10.165	83	513697	41.700	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	392863	46.216	ug/l		100
77) Bromobenzene	10.140	156	372003	46.678	ug/l		100
78) n-propylbenzene	10.278	91	1876732	50.675	ug/l		100
79) 2-Chlorotoluene	10.349	91	1093250	48.097	ug/l		100
80) 1,3,5-Trimethylbenzene	10.465	105	1348347	51.653	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.928	75	186646	49.978	ug/l		100
82) 4-Chlorotoluene	10.461	91	1315962	51.348	ug/l		100
83) tert-Butylbenzene	10.789	119	1306028	50.387	ug/l		100
84) 1,2,4-Trimethylbenzene	10.841	105	1330375	53.256	ug/l		100
85) sec-Butylbenzene	11.011	105	1719793	51.018	ug/l		100
86) p-Isopropyltoluene	11.165	119	1465463	51.622	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	750209	47.672	ug/l		100
88) 1,4-Dichlorobenzene	11.198	146	769904	45.864	ug/l		100
89) n-Butylbenzene	11.580	91	1405846	50.830	ug/l		100
90) Hexachloroethane	11.821	117	286765	43.709	ug/l		100
91) 1,2-Dichlorobenzene	11.567	146	702885	46.842	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	108861	45.437	ug/l		100
93) 1,2,4-Trichlorobenzene	13.185	180	449787	50.230	ug/l		100
94) Hexachlorobutadiene	13.368	225	205348	44.484	ug/l		100
95) Naphthalene	13.423	128	1544007	54.640	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	454605	50.349	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038976.D
Acq On : 21 Aug 2025 10:38
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Aug 22 03:46:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

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

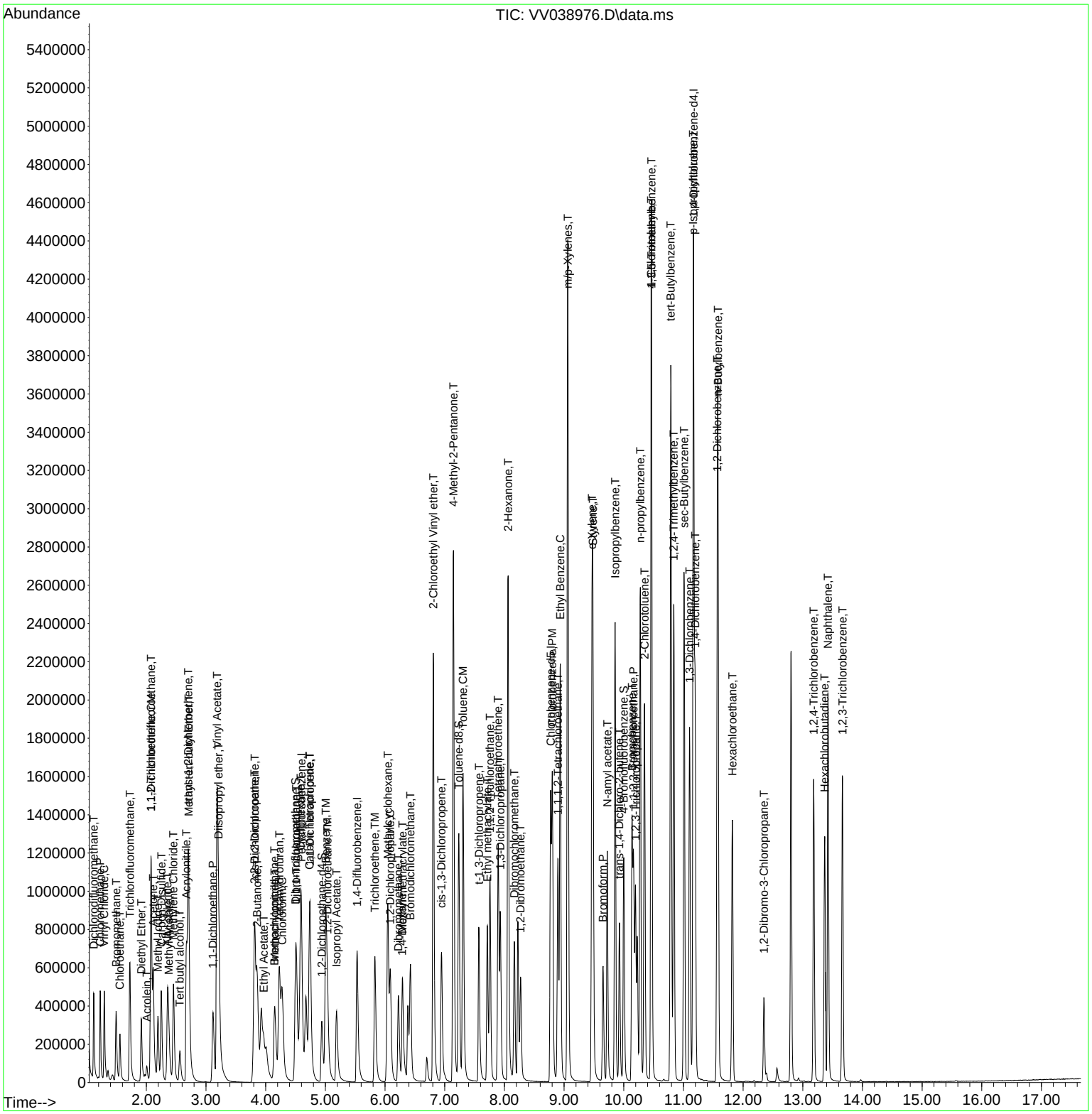
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038976.D
Acq On : 21 Aug 2025 10:38
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Quant Time: Aug 22 03:46:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038977.D
Acq On : 21 Aug 2025 11:02
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 03:48:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	550701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	884278	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	844841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	478222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	712697	92.231	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 184.460%#			
35) Dibromofluoromethane	4.497	113	613424	92.500	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 185.000%#			
50) Toluene-d8	7.236	98	2204453	95.328	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 190.660%#			
62) 4-Bromofluorobenzene	9.998	95	842918	99.640	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 199.280%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.117	85	696939	84.659	ug/l	98
3) Chloromethane	1.227	50	720174	84.691	ug/l	100
4) Vinyl Chloride	1.294	62	786147	87.618	ug/l	98
5) Bromomethane	1.484	94	466024	96.107	ug/l	99
6) Chloroethane	1.555	64	395497	86.685	ug/l	96
7) Trichlorofluoromethane	1.722	101	1058358	86.104	ug/l	100
8) Diethyl Ether	1.915	74	332159	87.874	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.076	101	565510	83.350	ug/l	99
10) Methyl Iodide	2.195	142	789507	93.530	ug/l	98
11) Tert butyl alcohol	2.567	59	476022	455.146	ug/l	99
12) 1,1-Dichloroethene	2.079	96	545715	87.314	ug/l	98
13) Acrolein	2.005	56	165898	508.443	ug/l	95
14) Allyl chloride	2.355	41	743322	89.075	ug/l	99
15) Acrylonitrile	2.670	53	1424560	447.766	ug/l	99
16) Acetone	2.114	43	1331838	429.431	ug/l	100
17) Carbon Disulfide	2.249	76	1490985	85.769	ug/l	100
18) Methyl Acetate	2.375	43	609722	92.753	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	1777243	96.167	ug/l	99
20) Methylene Chloride	2.455	84	572092	79.377	ug/l	98
21) trans-1,2-Dichloroethene	2.699	96	582749	89.519	ug/l	98
22) Diisopropyl ether	3.211	45	1987071	108.453	ug/l	82
23) Vinyl Acetate	3.185	43	8187179	558.141	ug/l	97
24) 1,1-Dichloroethane	3.117	63	1036209	85.380	ug/l	98
25) 2-Butanone	3.854	43	2236977	542.714	ug/l	98
26) 2,2-Dichloropropane	3.809	77	1088482	93.492	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	784179	99.806	ug/l	97
28) Bromochloromethane	4.143	49	292623	100.333	ug/l	86
29) Tetrahydrofuran	4.227	42	1450288	540.127	ug/l	92
30) Chloroform	4.275	83	1267089	89.152	ug/l	98
31) Cyclohexane	4.580	56	1057998	97.706	ug/l	93
32) 1,1,1-Trichloroethane	4.513	97	1157242	88.813	ug/l	98
36) 1,1-Dichloropropene	4.741	75	850104	98.708	ug/l	98
37) Ethyl Acetate	3.966	43	876237	98.977	ug/l	98
38) Carbon Tetrachloride	4.735	117	1019720	88.417	ug/l	99
39) Methylcyclohexane	6.046	83	1196645	108.741	ug/l	97
40) Benzene	5.005	78	2671143	99.025	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038977.D
Acq On : 21 Aug 2025 11:02
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 03:48:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.149	41	415678	124.217	ug/l		90
42) 1,2-Dichloroethane	5.034	62	894836	90.740	ug/l		99
43) Isopropyl Acetate	5.185	43	1387075	108.740	ug/l		98
44) Trichloroethene	5.828	130	687326	93.937	ug/l		95
45) 1,2-Dichloropropane	6.085	63	647892	100.150	ug/l		100
46) Dibromomethane	6.220	93	503062	92.674	ug/l		97
47) Bromodichloromethane	6.423	83	1009892	91.414	ug/l		98
48) Methyl methacrylate	6.291	41	685096	121.281	ug/l		92
49) 1,4-Dioxane	6.284	88	200859	2036.216	ug/l		99
51) 4-Methyl-2-Pentanone	7.146	43	4546864	531.208	ug/l		100
52) Toluene	7.307	92	1740035	101.855	ug/l		100
53) t-1,3-Dichloropropene	7.571	75	1063910	103.016	ug/l		98
54) cis-1,3-Dichloropropene	6.944	75	1122190	104.872	ug/l		99
55) 1,1,2-Trichloroethane	7.757	97	673802	90.460	ug/l		98
56) Ethyl methacrylate	7.712	69	1065415	99.491	ug/l		100
57) 1,3-Dichloropropane	7.931	76	1104406	95.087	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.808	63	2757657	500.082	ug/l		96
59) 2-Hexanone	8.062	43	3393409	496.532	ug/l		99
60) Dibromochloromethane	8.165	129	816528	90.785	ug/l		99
61) 1,2-Dibromoethane	8.271	107	737772	95.472	ug/l		100
64) Tetrachloroethene	7.895	164	611464	97.268	ug/l		99
65) Chlorobenzene	8.802	112	1929757	94.736	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.898	131	687236	93.983	ug/l		99
67) Ethyl Benzene	8.934	91	3375810	108.559	ug/l		99
68) m/p-Xylenes	9.062	106	2653633	219.724	ug/l		99
69) o-Xylene	9.468	106	1249877	113.545	ug/l		99
70) Styrene	9.484	104	2192468	116.094	ug/l		100
71) Bromoform	9.654	173	581951	96.423	ug/l	#	99
73) Isopropylbenzene	9.857	105	3362102	104.771	ug/l		100
74) N-amyl acetate	9.722	43	1309039	112.322	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1073425	84.227	ug/l		99
76) 1,2,3-Trichloropropane	10.197	75	863782m	98.221	ug/l		
77) Bromobenzene	10.140	156	802878	97.379	ug/l		99
78) n-propylbenzene	10.278	91	4043218	105.529	ug/l		99
79) 2-Chlorotoluene	10.349	91	2363524	100.509	ug/l		100
80) 1,3,5-Trimethylbenzene	10.464	105	2904548	107.553	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.927	75	411068	106.395	ug/l		100
82) 4-Chlorotoluene	10.461	91	2828682	106.686	ug/l		100
83) tert-Butylbenzene	10.789	119	2890372	107.787	ug/l		99
84) 1,2,4-Trimethylbenzene	10.837	105	2880593	111.462	ug/l		99
85) sec-Butylbenzene	11.011	105	3719526	106.655	ug/l		99
86) p-Isopropyltoluene	11.165	119	3152081	107.327	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	1590286	97.680	ug/l		100
88) 1,4-Dichlorobenzene	11.194	146	1609343	92.669	ug/l		99
89) n-Butylbenzene	11.580	91	3060449	106.959	ug/l		99
90) Hexachloroethane	11.821	117	613323	90.362	ug/l		98
91) 1,2-Dichlorobenzene	11.567	146	1496200	96.379	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	244279	98.554	ug/l		98
93) 1,2,4-Trichlorobenzene	13.184	180	1018817	109.977	ug/l		100
94) Hexachlorobutadiene	13.368	225	435956	91.285	ug/l		99
95) Naphthalene	13.422	128	3541220	121.132	ug/l		100
96) 1,2,3-Trichlorobenzene	13.664	180	1017498	108.929	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038977.D
Acq On : 21 Aug 2025 11:02
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 03:48:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 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

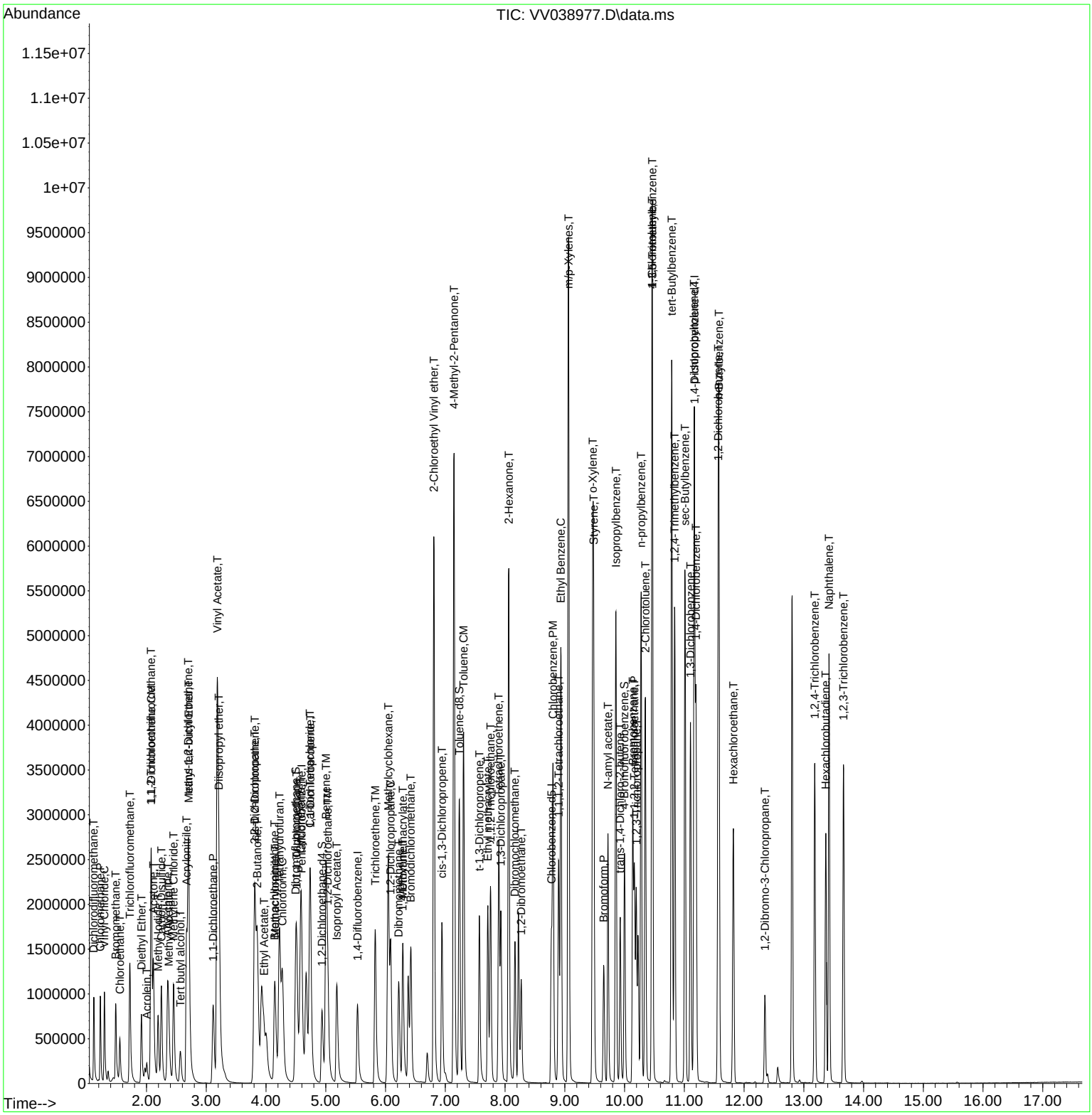
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038977.D
Acq On : 21 Aug 2025 11:02
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 03:48:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038979.D
Acq On : 21 Aug 2025 11:45
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Aug 22 03:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	513044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	841230	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	790797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	426638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	72519	10.074	ug/l	0.01
Spiked Amount 50.000	Range 81 - 118		Recovery = 20.140%#			
35) Dibromofluoromethane	4.513	113	63422	10.053	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 20.100%#			
50) Toluene-d8	7.240	98	210765	9.581	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 19.160%#			
62) 4-Bromofluorobenzene	10.005	95	77169	9.589	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 19.180%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	76601	9.988	ug/l	100
3) Chloromethane	1.227	50	78856	9.954	ug/l	99
4) Vinyl Chloride	1.294	62	85058	10.176	ug/l	96
5) Bromomethane	1.497	94	49464	10.950	ug/l	99
6) Chloroethane	1.561	64	45999	10.822	ug/l	93
7) Trichlorofluoromethane	1.725	101	113062	9.873	ug/l	99
8) Diethyl Ether	1.918	74	34405	9.770	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.082	101	63501	10.046	ug/l	98
10) Methyl Iodide	2.198	142	83097	10.567	ug/l	98
11) Tert butyl alcohol	2.565	59	56102	57.579	ug/l	99
12) 1,1-Dichloroethene	2.082	96	60171	10.334	ug/l	98
13) Acrolein	2.011	56	14934	31.347	ug/l	96
14) Allyl chloride	2.362	41	81795	10.521	ug/l	95
15) Acrylonitrile	2.677	53	160254	54.068	ug/l	98
16) Acetone	2.121	43	145823	50.470	ug/l	99
17) Carbon Disulfide	2.253	76	175391	10.830	ug/l	99
18) Methyl Acetate	2.384	43	64632	10.554	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	188007	10.920	ug/l	99
20) Methylene Chloride	2.458	84	68554	10.210	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	66805	11.015	ug/l	96
22) Diisopropyl ether	3.214	45	205325	12.029	ug/l	80
23) Vinyl Acetate	3.195	43	812363	59.446	ug/l	94
24) 1,1-Dichloroethane	3.121	63	132116	11.685	ug/l	96
25) 2-Butanone	3.873	43	226609	59.013	ug/l	95
26) 2,2-Dichloropropane	3.815	77	114703	10.575	ug/l	98
27) cis-1,2-Dichloroethene	3.828	96	82723	11.301	ug/l	99
28) Bromochloromethane	4.156	49	27758	9.730	ug/l	90
29) Tetrahydrofuran	4.240	42	149149	59.624	ug/l	90
30) Chloroform	4.281	83	138197	10.437	ug/l	98
31) Cyclohexane	4.587	56	113783	11.279	ug/l	96
32) 1,1,1-Trichloroethane	4.516	97	127866	10.533	ug/l	98
36) 1,1-Dichloropropene	4.751	75	89493	10.923	ug/l	97
37) Ethyl Acetate	3.989	43	87506	10.390	ug/l #	84
38) Carbon Tetrachloride	4.738	117	111116	10.128	ug/l	99
39) Methylcyclohexane	6.050	83	109123	10.424	ug/l	94
40) Benzene	5.015	78	280508	10.931	ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038979.D
Acq On : 21 Aug 2025 11:45
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Aug 22 03:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.175	41	30444	9.563	ug/l	#	84
42) 1,2-Dichloroethane	5.044	62	97528	10.396	ug/l		100
43) Isopropyl Acetate	5.198	43	129564	10.677	ug/l		97
44) Trichloroethene	5.838	130	72915	10.475	ug/l		96
45) 1,2-Dichloropropane	6.095	63	71544	11.625	ug/l		98
46) Dibromomethane	6.233	93	53591	10.378	ug/l		96
47) Bromodichloromethane	6.429	83	110590	10.523	ug/l		100
48) Methyl methacrylate	6.307	41	56711	10.553	ug/l		95
49) 1,4-Dioxane	6.297	88	22045	234.918	ug/l		98
51) 4-Methyl-2-Pentanone	7.150	43	461727	56.704	ug/l		98
52) Toluene	7.314	92	172633	10.622	ug/l		98
53) t-1,3-Dichloropropene	7.580	75	99499	10.127	ug/l		99
54) cis-1,3-Dichloropropene	6.953	75	111069	10.911	ug/l		96
55) 1,1,2-Trichloroethane	7.764	97	71784	10.130	ug/l		96
56) Ethyl methacrylate	7.719	69	86106	9.551	ug/l		98
57) 1,3-Dichloropropane	7.937	76	118588	10.733	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.815	63	228069	51.240	ug/l		95
59) 2-Hexanone	8.066	43	326400	47.855	ug/l		98
60) Dibromochloromethane	8.169	129	86741	10.138	ug/l		98
61) 1,2-Dibromoethane	8.278	107	77293	10.514	ug/l		99
64) Tetrachloroethene	7.899	164	62793	10.671	ug/l		94
65) Chlorobenzene	8.809	112	204181	10.709	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.899	131	73247	10.701	ug/l		98
67) Ethyl Benzene	8.940	91	305400	10.492	ug/l		97
68) m/p-Xylenes	9.066	106	243148	21.509	ug/l		99
69) o-Xylene	9.471	106	108544	10.535	ug/l		99
70) Styrene	9.490	104	180737	10.224	ug/l		97
71) Bromoform	9.657	173	57738	10.220	ug/l	#	98
73) Isopropylbenzene	9.857	105	304887	10.650	ug/l		98
74) N-amyl acetate	9.728	43	107317	10.322	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.166	83	116729	10.267	ug/l		99
76) 1,2,3-Trichloropropane	10.201	75	84487	10.769	ug/l		98
77) Bromobenzene	10.143	156	79178	10.764	ug/l		97
78) n-propylbenzene	10.278	91	364482	10.663	ug/l		100
79) 2-Chlorotoluene	10.349	91	224105	10.682	ug/l		99
80) 1,3,5-Trimethylbenzene	10.465	105	255973	10.625	ug/l		98
81) trans-1,4-Dichloro-2-b...	9.931	75	36554	10.605	ug/l		96
82) 4-Chlorotoluene	10.465	91	263869	11.155	ug/l		99
83) tert-Butylbenzene	10.789	119	248640	10.393	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	246385	10.686	ug/l		99
85) sec-Butylbenzene	11.014	105	330550	10.624	ug/l		99
86) p-Isopropyltoluene	11.169	119	286217	10.924	ug/l		99
87) 1,3-Dichlorobenzene	11.108	146	157122	10.818	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	171556	11.073	ug/l		97
89) n-Butylbenzene	11.580	91	258532	10.128	ug/l		97
90) Hexachloroethane	11.821	117	61451	10.148	ug/l		100
91) 1,2-Dichlorobenzene	11.571	146	145254	10.488	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.355	75	20672	9.348	ug/l		97
93) 1,2,4-Trichlorobenzene	13.188	180	82372	9.967	ug/l		100
94) Hexachlorobutadiene	13.368	225	43241	10.149	ug/l		99
95) Naphthalene	13.426	128	256131	9.821	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	87705	10.525	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038979.D
Acq On : 21 Aug 2025 11:45
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Aug 22 03:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

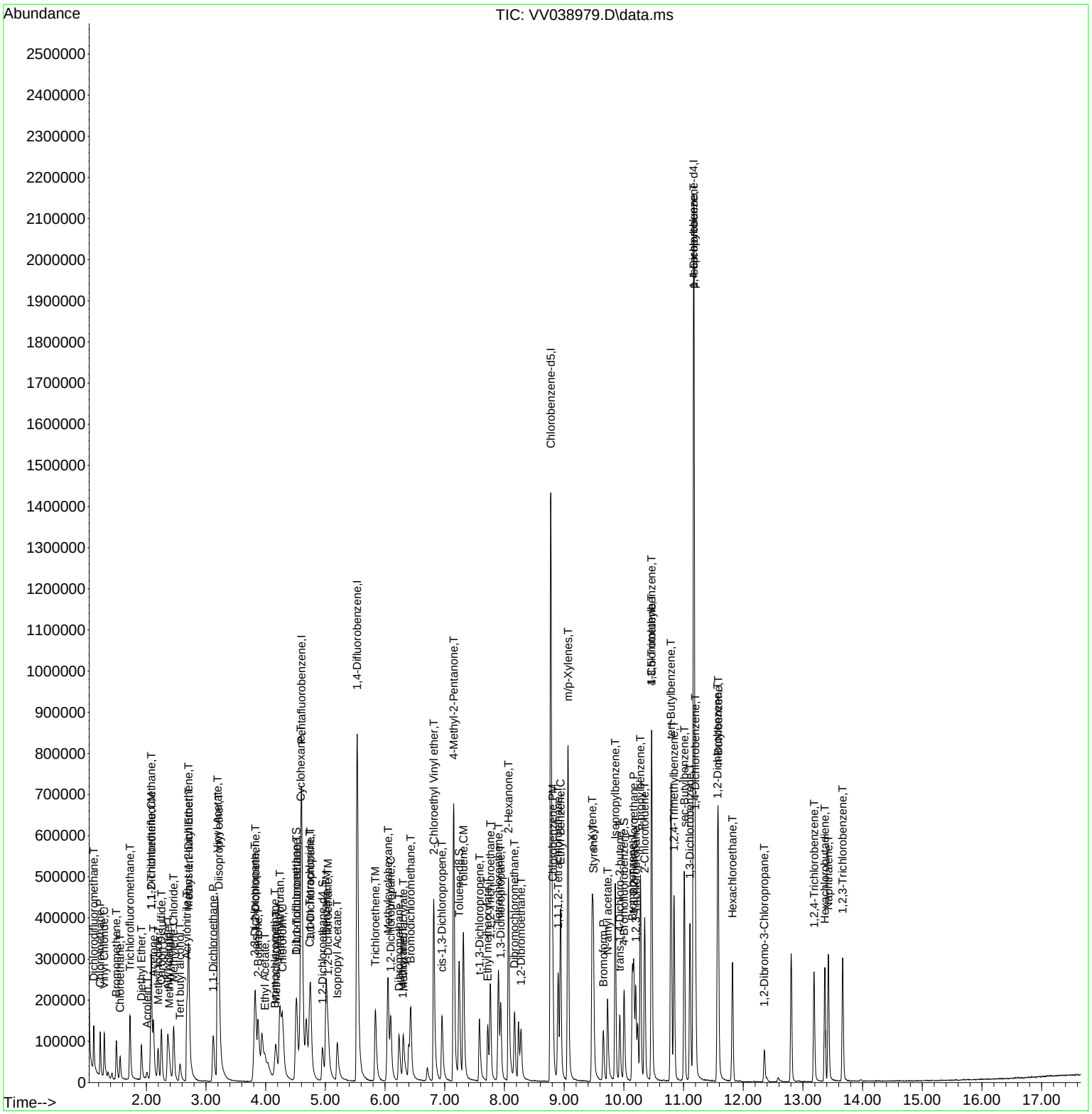
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038979.D
Acq On : 21 Aug 2025 11:45
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Aug 22 03:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	544035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	881253	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	827681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	454705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	363314	47.593	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 95.180%			
35) Dibromofluoromethane	4.500	113	308210	46.635	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.280%			
50) Toluene-d8	7.236	98	1080134	46.869	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.740%			
62) 4-Bromofluorobenzene	9.998	95	408953	48.508	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.118	85	347348	42.710	ug/l	100
3) Chloromethane	1.227	50	359246	42.764	ug/l	100
4) Vinyl Chloride	1.294	62	387256	43.690	ug/l	98
5) Bromomethane	1.494	94	208404	43.505	ug/l	99
6) Chloroethane	1.558	64	181077	40.090	ug/l	100
7) Trichlorofluoromethane	1.722	101	507358	41.782	ug/l	99
8) Diethyl Ether	1.915	74	162505	43.518	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	274153	40.902	ug/l	100
10) Methyl Iodide	2.195	142	395970	47.484	ug/l	98
11) Tert butyl alcohol	2.561	59	241933	234.158	ug/l	98
12) 1,1-Dichloroethene	2.079	96	263935	42.747	ug/l	100
13) Acrolein	2.008	56	79822	237.538	ug/l	93
14) Allyl chloride	2.356	41	372217	45.151	ug/l	98
15) Acrylonitrile	2.671	53	730894	234.076	ug/l	99
16) Acetone	2.114	43	637800	208.169	ug/l	100
17) Carbon Disulfide	2.249	76	734660	42.779	ug/l	100
18) Methyl Acetate	2.378	43	307081	47.286	ug/l	99
19) Methyl tert-butyl Ether	2.706	73	900963	49.349	ug/l	100
20) Methylene Chloride	2.455	84	291011	40.872	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	282867	43.985	ug/l	97
22) Diisopropyl ether	3.211	45	797796	44.077	ug/l	91
23) Vinyl Acetate	3.185	43	3407108	234.596	ug/l	98
24) 1,1-Dichloroethane	3.118	63	489892	40.860	ug/l	99
25) 2-Butanone	3.857	43	1134837	284.677	ug/l	99
26) 2,2-Dichloropropane	3.809	77	522402	45.420	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	384522	49.539	ug/l	97
28) Bromochloromethane	4.146	49	149849	58.111	ug/l	88
29) Tetrahydrofuran	4.227	42	749656	281.713	ug/l	91
30) Chloroform	4.275	83	630089	45.988	ug/l	97
31) Cyclohexane	4.584	56	524195	49.002	ug/l	94
32) 1,1,1-Trichloroethane	4.510	97	572073	44.442	ug/l	99
36) 1,1-Dichloropropene	4.745	75	422468	49.222	ug/l	98
37) Ethyl Acetate	3.966	43	455051	54.265	ug/l	95
38) Carbon Tetrachloride	4.732	117	502523	43.722	ug/l	97
39) Methylcyclohexane	6.047	83	569225	51.904	ug/l	97
40) Benzene	5.008	78	1332784	49.579	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.153	41	204984	64.871	ug/l		92
42) 1,2-Dichloroethane	5.037	62	452424	46.035	ug/l		100
43) Isopropyl Acetate	5.185	43	709186	55.426	ug/l		97
44) Trichloroethene	5.828	130	339372	46.541	ug/l		95
45) 1,2-Dichloropropane	6.085	63	328975	51.027	ug/l		98
46) Dibromomethane	6.224	93	250499	46.305	ug/l		98
47) Bromodichloromethane	6.426	83	508309	46.169	ug/l		98
48) Methyl methacrylate	6.291	41	334970	58.402	ug/l		93
49) 1,4-Dioxane	6.285	88	103128m	1075.328	ug/l		
51) 4-Methyl-2-Pentanone	7.143	43	2317760	275.881	ug/l		99
52) Toluene	7.307	92	849767	49.913	ug/l		99
53) t-1,3-Dichloropropene	7.571	75	519087	50.434	ug/l		99
54) cis-1,3-Dichloropropene	6.947	75	556800	52.213	ug/l		99
55) 1,1,2-Trichloroethane	7.757	97	341785	46.043	ug/l		99
56) Ethyl methacrylate	7.712	69	515486	45.941	ug/l		99
57) 1,3-Dichloropropane	7.931	76	554694	47.922	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.809	63	1365481	260.454	ug/l		96
59) 2-Hexanone	8.059	43	1728882	216.977	ug/l		99
60) Dibromochloromethane	8.166	129	404445	45.122	ug/l		98
61) 1,2-Dibromoethane	8.272	107	365548	47.466	ug/l		99
64) Tetrachloroethene	7.896	164	294548	47.826	ug/l		99
65) Chlorobenzene	8.802	112	945294	47.369	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.895	131	337941	47.173	ug/l		99
67) Ethyl Benzene	8.934	91	1595682	52.378	ug/l		99
68) m/p-Xylenes	9.063	106	1268818	107.238	ug/l		99
69) o-Xylene	9.468	106	591993	54.895	ug/l		100
70) Styrene	9.484	104	1050003	56.752	ug/l		100
71) Bromoform	9.654	173	284998	48.285	ug/l	#	100
73) Isopropylbenzene	9.854	105	1614424	52.911	ug/l		100
74) N-amyl acetate	9.722	43	634384	56.749	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.166	83	542309	44.753	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	413770	49.059	ug/l		99
77) Bromobenzene	10.140	156	389618	49.700	ug/l		99
78) n-propylbenzene	10.278	91	1947393	53.456	ug/l		100
79) 2-Chlorotoluene	10.346	91	1135066	51.894	ug/l		100
80) 1,3,5-Trimethylbenzene	10.465	105	1385983	53.976	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.928	75	195104	53.110	ug/l		99
82) 4-Chlorotoluene	10.461	91	1346502	53.411	ug/l		100
83) tert-Butylbenzene	10.789	119	1372168	53.817	ug/l		100
84) 1,2,4-Trimethylbenzene	10.838	105	1384661	56.349	ug/l		99
85) sec-Butylbenzene	11.011	105	1797022	54.194	ug/l		100
86) p-Isopropyltoluene	11.165	119	1501670	53.775	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	765914	49.478	ug/l		100
88) 1,4-Dichlorobenzene	11.194	146	790885	47.896	ug/l		100
89) n-Butylbenzene	11.580	91	1446548	53.170	ug/l		99
90) Hexachloroethane	11.821	117	291559	45.178	ug/l		100
91) 1,2-Dichlorobenzene	11.567	146	729176	49.400	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	117774	49.973	ug/l		97
93) 1,2,4-Trichlorobenzene	13.185	180	470541	53.420	ug/l		99
94) Hexachlorobutadiene	13.368	225	209798	46.202	ug/l		99
95) Naphthalene	13.423	128	1632588	58.733	ug/l		100
96) 1,2,3-Trichlorobenzene	13.664	180	426932	48.069	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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

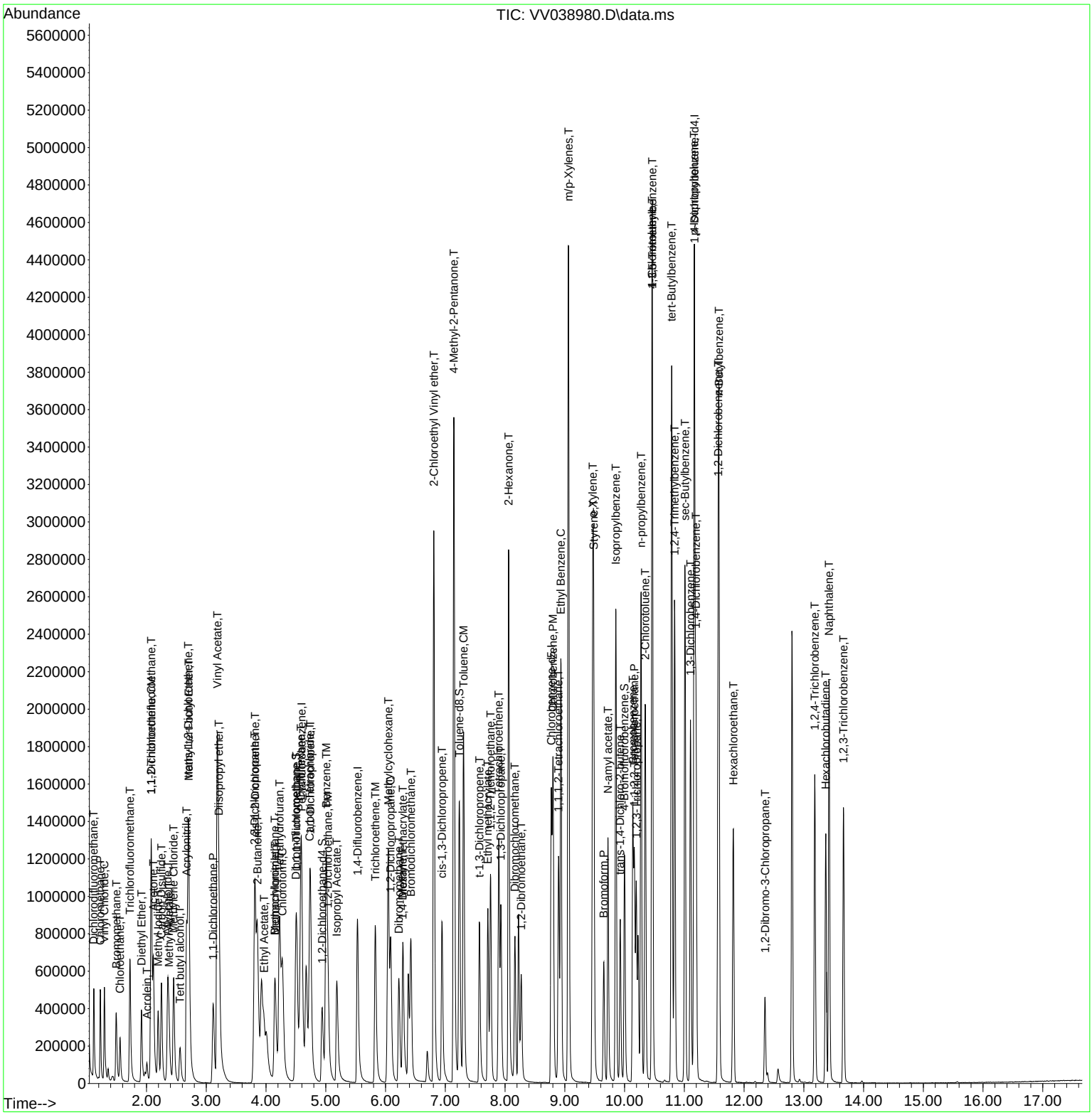
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	121	0.00
2	T	Dichlorodifluoromethane	0.747	0.638	14.6	107	0.00
3	P	Chloromethane	0.772	0.660	14.5	104	0.00
4	C	Vinyl Chloride	0.815	0.712	12.6#	105	0.00
5	T	Bromomethane	0.440	0.383	13.0	104	0.00
6	T	Chloroethane	0.415	0.333	19.8	97	0.00
7	T	Trichlorofluoromethane	1.116	0.933	16.4	104	0.00
8	T	Diethyl Ether	0.343	0.299	12.8	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.616	0.504	18.2	110	0.00
10	T	Methyl Iodide	0.766	0.728	5.0	113	0.00
11	T	Tert butyl alcohol	0.095	0.089	6.3	115	0.00
12	CM	1,1-Dichloroethene	0.567	0.485	14.5#	110	0.00
13	T	Acrolein	0.041	0.029	29.3#	123	0.00
14	T	Allyl chloride	0.758	0.684	9.8	117	0.00
15	T	Acrylonitrile	0.287	0.269	6.3	119	0.00
16	T	Acetone	0.282	0.234	17.0	114	0.00
17	T	Carbon Disulfide	1.578	1.350	14.4	111	0.00
18	T	Methyl Acetate	0.597	0.564	5.5	122	0.00
19	T	Methyl tert-butyl Ether	1.678	1.656	1.3	117	0.00
20	T	Methylene Chloride	0.654	0.535	18.2	112	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.520	12.0	110	0.00
22	T	Diisopropyl ether	1.664	1.466	11.9	123	0.00
23	T	Vinyl Acetate	1.335	1.253	6.1	124	0.00
24	P	1,1-Dichloroethane	1.102	0.900	18.3	116	0.00
25	T	2-Butanone	0.366	0.417	-13.9	152#	0.00
26	T	2,2-Dichloropropane	1.057	0.960	9.2	125	0.00
27	T	cis-1,2-Dichloroethene	0.713	0.707	0.8	134	0.00
28	T	Bromochloromethane	0.320	0.275	14.1	151#	0.00
29	T	Tetrahydrofuran	0.245	0.276	-12.7	159#	0.00
30	C	Chloroform	1.259	1.158	8.0#	128	0.00
31	T	Cyclohexane	0.983	0.964	1.9	145	0.00
32	T	1,1,1-Trichloroethane	1.183	1.052	11.1	123	0.00
33	S	1,2-Dichloroethane-d4	0.702	0.668	4.8	126	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	128	0.00
35	S	Dibromofluoromethane	0.375	0.350	6.7	129	0.00
36	T	1,1-Dichloropropene	0.487	0.479	1.6	135	0.00
37	T	Ethyl Acetate	0.476	0.516	-8.4	169#	0.00
38	T	Carbon Tetrachloride	0.652	0.570	12.6	118	0.00
39	T	Methylcyclohexane	0.622	0.646	-3.9	131	0.00
40	TM	Benzene	1.525	1.512	0.9	135	0.00
41	T	Methacrylonitrile	0.179	0.233	-30.2#	161#	0.00
42	TM	1,2-Dichloroethane	0.558	0.513	8.1	128	0.00
43	T	Isopropyl Acetate	0.726	0.805	-10.9	154#	0.00
44	TM	Trichloroethene	0.414	0.385	7.0	126	0.00
45	C	1,2-Dichloropropane	0.366	0.373	-1.9#	145	0.00
46	T	Dibromomethane	0.307	0.284	7.5	130	0.00
47	T	Bromodichloromethane	0.625	0.577	7.7	126	0.00
48	T	Methyl methacrylate	0.325	0.380	-16.9	149	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	0.005	0.006	-20.0	140	0.00
50	S	Toluene-d8	1.308	1.226	6.3	117	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.526	-10.3	133	0.00
52	CM	Toluene	0.966	0.964	0.2#	115	0.00
53	T	t-1,3-Dichloropropene	0.584	0.589	-0.9	108	0.00
54	T	cis-1,3-Dichloropropene	0.605	0.632	-4.5	129	0.00
55	T	1,1,2-Trichloroethane	0.421	0.388	7.8	106	0.00
56	T	Ethyl methacrylate	0.494	0.585	-18.4	113	0.00
57	T	1,3-Dichloropropane	0.657	0.629	4.3	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.248	0.310	-25.0#	134	0.00
59	T	2-Hexanone	0.355	0.392	-10.4	108	0.00
60	T	Dibromochloromethane	0.509	0.459	9.8	105	0.00
61	T	1,2-Dibromoethane	0.437	0.415	5.0	106	0.00
62	S	4-Bromofluorobenzene	0.478	0.464	2.9	106	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64	T	Tetrachloroethene	0.372	0.356	4.3	104	0.00
65	PM	Chlorobenzene	1.206	1.142	5.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.433	0.408	5.8	104	0.00
67	C	Ethyl Benzene	1.840	1.928	-4.8#	105	0.00
68	T	m/p-Xylenes	0.715	0.766	-7.1	104	0.00
69	T	o-Xylene	0.651	0.715	-9.8	107	0.00
70	T	Styrene	1.118	1.269	-13.5	105	0.00
71	P	Bromoform	0.357	0.344	3.6	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.355	3.550	-5.8	105	0.00
74	T	N-amyl acetate	1.229	1.395	-13.5	110	0.00
75	P	1,1,2,2-Tetrachloroethane	1.332	1.193	10.4	106	0.00
76	T	1,2,3-Trichloropropane	0.927	0.910	1.8	105	0.00
77	T	Bromobenzene	0.862	0.857	0.6	105	0.00
78	T	n-propylbenzene	4.006	4.283	-6.9	104	0.00
79	T	2-Chlorotoluene	2.405	2.496	-3.8	104	0.00
80	T	1,3,5-Trimethylbenzene	2.824	3.048	-7.9	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.404	0.429	-6.2	105	0.00
82	T	4-Chlorotoluene	2.772	2.961	-6.8	102	0.00
83	T	tert-Butylbenzene	2.804	3.018	-7.6	105	0.00
84	T	1,2,4-Trimethylbenzene	2.702	3.045	-12.7	104	0.00
85	T	sec-Butylbenzene	3.646	3.952	-8.4	104	0.00
86	T	p-Isopropyltoluene	3.071	3.303	-7.6	102	0.00
87	T	1,3-Dichlorobenzene	1.702	1.684	1.1	102	0.00
88	T	1,4-Dichlorobenzene	1.816	1.739	4.2	103	0.00
89	T	n-Butylbenzene	2.992	3.181	-6.3	103	0.00
90	T	Hexachloroethane	0.710	0.641	9.7	102	0.00
91	T	1,2-Dichlorobenzene	1.623	1.604	1.2	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.259	0.0	108	0.00
93	T	1,2,4-Trichlorobenzene	0.969	1.035	-6.8	105	0.00
94	T	Hexachlorobutadiene	0.499	0.461	7.6	102	0.00
95	T	Naphthalene	3.057	3.590	-17.4	106	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	0.977	0.939	3.9	94	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	121	0.00
2	T	Dichlorodifluoromethane	50.000	42.710	14.6	107	0.00
3	P	Chloromethane	50.000	42.764	14.5	104	0.00
4	C	Vinyl Chloride	50.000	43.690	12.6#	105	0.00
5	T	Bromomethane	50.000	43.505	13.0	104	0.00
6	T	Chloroethane	50.000	40.090	19.8	97	0.00
7	T	Trichlorofluoromethane	50.000	41.782	16.4	104	0.00
8	T	Diethyl Ether	50.000	43.518	13.0	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	40.902	18.2	110	0.00
10	T	Methyl Iodide	50.000	47.484	5.0	113	0.00
11	T	Tert butyl alcohol	250.000	234.158	6.3	115	0.00
12	CM	1,1-Dichloroethene	50.000	42.747	14.5#	110	0.00
13	T	Acrolein	250.000	237.538	5.0	123	0.00
14	T	Allyl chloride	50.000	45.151	9.7	117	0.00
15	T	Acrylonitrile	250.000	234.076	6.4	119	0.00
16	T	Acetone	250.000	208.169	16.7	114	0.00
17	T	Carbon Disulfide	50.000	42.779	14.4	111	0.00
18	T	Methyl Acetate	50.000	47.286	5.4	122	0.00
19	T	Methyl tert-butyl Ether	50.000	49.349	1.3	117	0.00
20	T	Methylene Chloride	50.000	40.872	18.3	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.985	12.0	110	0.00
22	T	Diisopropyl ether	50.000	44.077	11.8	123	0.00
23	T	Vinyl Acetate	250.000	234.596	6.2	124	0.00
24	P	1,1-Dichloroethane	50.000	40.860	18.3	116	0.00
25	T	2-Butanone	250.000	284.677	-13.9	152	0.00
26	T	2,2-Dichloropropane	50.000	45.420	9.2	125	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.539	0.9	134	0.00
28	T	Bromochloromethane	50.000	58.111	-16.2	151	0.00
29	T	Tetrahydrofuran	250.000	281.713	-12.7	159	0.00
30	C	Chloroform	50.000	45.988	8.0#	128	0.00
31	T	Cyclohexane	50.000	49.002	2.0	145	0.00
32	T	1,1,1-Trichloroethane	50.000	44.442	11.1	123	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.593	4.8	126	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	128	0.00
35	S	Dibromofluoromethane	50.000	46.635	6.7	129	0.00
36	T	1,1-Dichloropropene	50.000	49.222	1.6	135	0.00
37	T	Ethyl Acetate	50.000	54.265	-8.5	169	0.00
38	T	Carbon Tetrachloride	50.000	43.722	12.6	118	0.00
39	T	Methylcyclohexane	50.000	51.904	-3.8	131	0.00
40	TM	Benzene	50.000	49.579	0.8	135	0.00
41	T	Methacrylonitrile	50.000	64.871	-29.7#	161	0.00
42	TM	1,2-Dichloroethane	50.000	46.035	7.9	128	0.00
43	T	Isopropyl Acetate	50.000	55.426	-10.9	154	0.00
44	TM	Trichloroethene	50.000	46.541	6.9	126	0.00
45	C	1,2-Dichloropropane	50.000	51.027	-2.1#	145	0.00
46	T	Dibromomethane	50.000	46.305	7.4	130	0.00
47	T	Bromodichloromethane	50.000	46.169	7.7	126	0.00
48	T	Methyl methacrylate	50.000	58.402	-16.8	149	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	1075.328	-7.5	140	0.00
50	S	Toluene-d8	50.000	46.869	6.3	117	0.00
51	T	4-Methyl-2-Pentanone	250.000	275.881	-10.4	133	0.00
52	CM	Toluene	50.000	49.913	0.2#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	50.434	-0.9	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.213	-4.4	129	0.00
55	T	1,1,2-Trichloroethane	50.000	46.043	7.9	106	0.00
56	T	Ethyl methacrylate	50.000	45.941	8.1	113	0.00
57	T	1,3-Dichloropropane	50.000	47.922	4.2	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.454	-4.2	134	0.00
59	T	2-Hexanone	250.000	216.977	13.2	108	0.00
60	T	Dibromochloromethane	50.000	45.122	9.8	105	0.00
61	T	1,2-Dibromoethane	50.000	47.466	5.1	106	0.00
62	S	4-Bromofluorobenzene	50.000	48.508	3.0	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	47.826	4.3	104	0.00
65	PM	Chlorobenzene	50.000	47.369	5.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.173	5.7	104	0.00
67	C	Ethyl Benzene	50.000	52.378	-4.8#	105	0.00
68	T	m/p-Xylenes	100.000	107.238	-7.2	104	0.00
69	T	o-Xylene	50.000	54.895	-9.8	107	0.00
70	T	Styrene	50.000	56.752	-13.5	105	0.00
71	P	Bromoform	50.000	48.285	3.4	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.911	-5.8	105	0.00
74	T	N-amyl acetate	50.000	56.749	-13.5	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.753	10.5	106	0.00
76	T	1,2,3-Trichloropropane	50.000	49.059	1.9	105	0.00
77	T	Bromobenzene	50.000	49.700	0.6	105	0.00
78	T	n-propylbenzene	50.000	53.456	-6.9	104	0.00
79	T	2-Chlorotoluene	50.000	51.894	-3.8	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.976	-8.0	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.110	-6.2	105	0.00
82	T	4-Chlorotoluene	50.000	53.411	-6.8	102	0.00
83	T	tert-Butylbenzene	50.000	53.817	-7.6	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.349	-12.7	104	0.00
85	T	sec-Butylbenzene	50.000	54.194	-8.4	104	0.00
86	T	p-Isopropyltoluene	50.000	53.775	-7.5	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.478	1.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	47.896	4.2	103	0.00
89	T	n-Butylbenzene	50.000	53.170	-6.3	103	0.00
90	T	Hexachloroethane	50.000	45.178	9.6	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.400	1.2	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.973	0.1	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.420	-6.8	105	0.00
94	T	Hexachlorobutadiene	50.000	46.202	7.6	102	0.00
95	T	Naphthalene	50.000	58.733	-17.5	106	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV082125

Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	48.069	3.9	94	0.00

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

Raw Data: **VV038982.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	ATGG01
Lab Code:	ACE	SDG No.:	Q2929
Instrument ID:	MSVOA_V	Calibration Date/Time:	08/21/2025 15:42
Lab File ID:	VV038982.D	Init. Calib. Date(s):	08/21/2025 08/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:05 11:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.525	1.571		3.02	20
Toluene	0.966	1.015		5.07	20
Ethyl Benzene	1.840	2.027		10.16	20
m/p-Xylenes	0.715	0.813		13.71	20
o-Xylene	0.651	0.749		15.05	20
1,2-Dichloroethane-d4	0.702	0.672		-4.27	20
Dibromofluoromethane	0.375	0.368		-1.87	20
Toluene-d8	1.308	1.282		-1.99	20
4-Bromofluorobenzene	0.478	0.486		1.67	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\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	531490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	833989	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	788137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	452177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	357200	47.897	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 95.800%			
35) Dibromofluoromethane	4.497	113	306725	49.041	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.080%			
50) Toluene-d8	7.233	98	1069148	49.022	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.040%			
62) 4-Bromofluorobenzene	10.001	95	405262	50.794	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 101.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	342476	43.105	ug/l	98
3) Chloromethane	1.227	50	356758	43.471	ug/l	99
4) Vinyl Chloride	1.294	62	380696	43.963	ug/l	99
5) Bromomethane	1.490	94	230805	49.319	ug/l	100
6) Chloroethane	1.558	64	207618	47.051	ug/l	98
7) Trichlorofluoromethane	1.722	101	549850	46.350	ug/l	99
8) Diethyl Ether	1.915	74	178116	48.824	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	294382	44.957	ug/l	99
10) Methyl Iodide	2.195	142	403340	49.509	ug/l	99
11) Tert butyl alcohol	2.561	59	281494	278.878	ug/l	98
12) 1,1-Dichloroethene	2.079	96	285119	47.267	ug/l	97
13) Acrolein	2.008	56	77199	234.958	ug/l	97
14) Allyl chloride	2.355	41	489815	60.818	ug/l	92
15) Acrylonitrile	2.670	53	885873	290.406	ug/l	100
16) Acetone	2.114	43	735795	245.822	ug/l	99
17) Carbon Disulfide	2.249	76	822910	49.049	ug/l	99
18) Methyl Acetate	2.375	43	398423	62.800	ug/l	94
19) Methyl tert-butyl Ether	2.706	73	1021253	57.258	ug/l	95
20) Methylene Chloride	2.455	84	366778	52.729	ug/l	91
21) trans-1,2-Dichloroethene	2.699	96	340758	54.238	ug/l	97
22) Diisopropyl ether	3.207	45	992852	56.148	ug/l	98
23) Vinyl Acetate	3.182	43	4090814	288.321	ug/l	96
24) 1,1-Dichloroethane	3.114	63	591902	50.533	ug/l	98
25) 2-Butanone	3.854	43	1105805	283.941	ug/l	98
26) 2,2-Dichloropropane	3.809	77	543775	48.394	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	381524	50.313	ug/l	97
28) Bromochloromethane	4.143	49	143149	56.970	ug/l	89
29) Tetrahydrofuran	4.227	42	719082	276.602	ug/l	92
30) Chloroform	4.275	83	638184	47.678	ug/l	100
31) Cyclohexane	4.580	56	509568	48.759	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	572373	45.515	ug/l	98
36) 1,1-Dichloropropene	4.741	75	408356	50.275	ug/l	98
37) Ethyl Acetate	3.966	43	428871	54.042	ug/l	97
38) Carbon Tetrachloride	4.731	117	500656	46.028	ug/l	97
39) Methylcyclohexane	6.046	83	555661	53.539	ug/l	96
40) Benzene	5.005	78	1310064	51.495	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.149	41	189119	63.242	ug/l		94
42) 1,2-Dichloroethane	5.037	62	447547	48.120	ug/l		99
43) Isopropyl Acetate	5.185	43	674425	55.696	ug/l		96
44) Trichloroethene	5.828	130	334828	48.520	ug/l		95
45) 1,2-Dichloropropane	6.085	63	324387	53.167	ug/l		99
46) Dibromomethane	6.223	93	246649	48.177	ug/l		97
47) Bromodichloromethane	6.423	83	497504	47.749	ug/l		98
48) Methyl methacrylate	6.291	41	316869	58.377	ug/l		93
49) 1,4-Dioxane	6.284	88	105683	1164.421	ug/l		98
51) 4-Methyl-2-Pentanone	7.143	43	2270370	285.555	ug/l		98
52) Toluene	7.307	92	846141	52.516	ug/l		99
53) t-1,3-Dichloropropene	7.571	75	503846	51.728	ug/l		100
54) cis-1,3-Dichloropropene	6.944	75	536147	53.126	ug/l		99
55) 1,1,2-Trichloroethane	7.757	97	345555	49.189	ug/l		99
56) Ethyl methacrylate	7.712	69	489047	46.056	ug/l		99
57) 1,3-Dichloropropane	7.931	76	551282	50.326	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.808	63	1345575	270.565	ug/l		96
59) 2-Hexanone	8.059	43	1690220	224.805	ug/l		99
60) Dibromochloromethane	8.165	129	398227	46.946	ug/l		98
61) 1,2-Dibromoethane	8.271	107	363766	49.912	ug/l		99
64) Tetrachloroethene	7.895	164	297008	50.645	ug/l		100
65) Chlorobenzene	8.802	112	940992	49.519	ug/l		100
66) 1,1,1,2-Tetrachloroethane	8.895	131	334726	49.069	ug/l		99
67) Ethyl Benzene	8.934	91	1597667	55.074	ug/l		100
68) m/p-Xylenes	9.062	106	1282293	113.815	ug/l		100
69) o-Xylene	9.468	106	590206	57.475	ug/l		99
70) Styrene	9.484	104	1059046	60.112	ug/l		100
71) Bromoform	9.654	173	280545	49.915	ug/l	#	99
73) Isopropylbenzene	9.853	105	1622391	53.470	ug/l		100
74) N-amyl acetate	9.722	43	607714	54.667	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	543269	45.083	ug/l		97
76) 1,2,3-Trichloropropane	10.197	75	400812	47.788	ug/l		96
77) Bromobenzene	10.140	156	389490	49.961	ug/l		99
78) n-propylbenzene	10.278	91	1960269	54.110	ug/l		99
79) 2-Chlorotoluene	10.349	91	1156919	53.188	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	1400151	54.833	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.927	75	190242	52.076	ug/l		96
82) 4-Chlorotoluene	10.461	91	1373621	54.791	ug/l		100
83) tert-Butylbenzene	10.789	119	1373358	54.165	ug/l		100
84) 1,2,4-Trimethylbenzene	10.837	105	1398463	57.229	ug/l		99
85) sec-Butylbenzene	11.011	105	1813510	54.997	ug/l		100
86) p-Isopropyltoluene	11.165	119	1540958	55.491	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	780470	50.700	ug/l		100
88) 1,4-Dichlorobenzene	11.197	146	792148	48.240	ug/l		98
89) n-Butylbenzene	11.580	91	1480179	54.710	ug/l		99
90) Hexachloroethane	11.818	117	301675	47.007	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	738684	50.324	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	115589	49.320	ug/l		99
93) 1,2,4-Trichlorobenzene	13.184	180	473764	54.087	ug/l		99
94) Hexachlorobutadiene	13.368	225	215797	47.789	ug/l		99
95) Naphthalene	13.422	128	1616722	58.487	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	485913	55.016	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

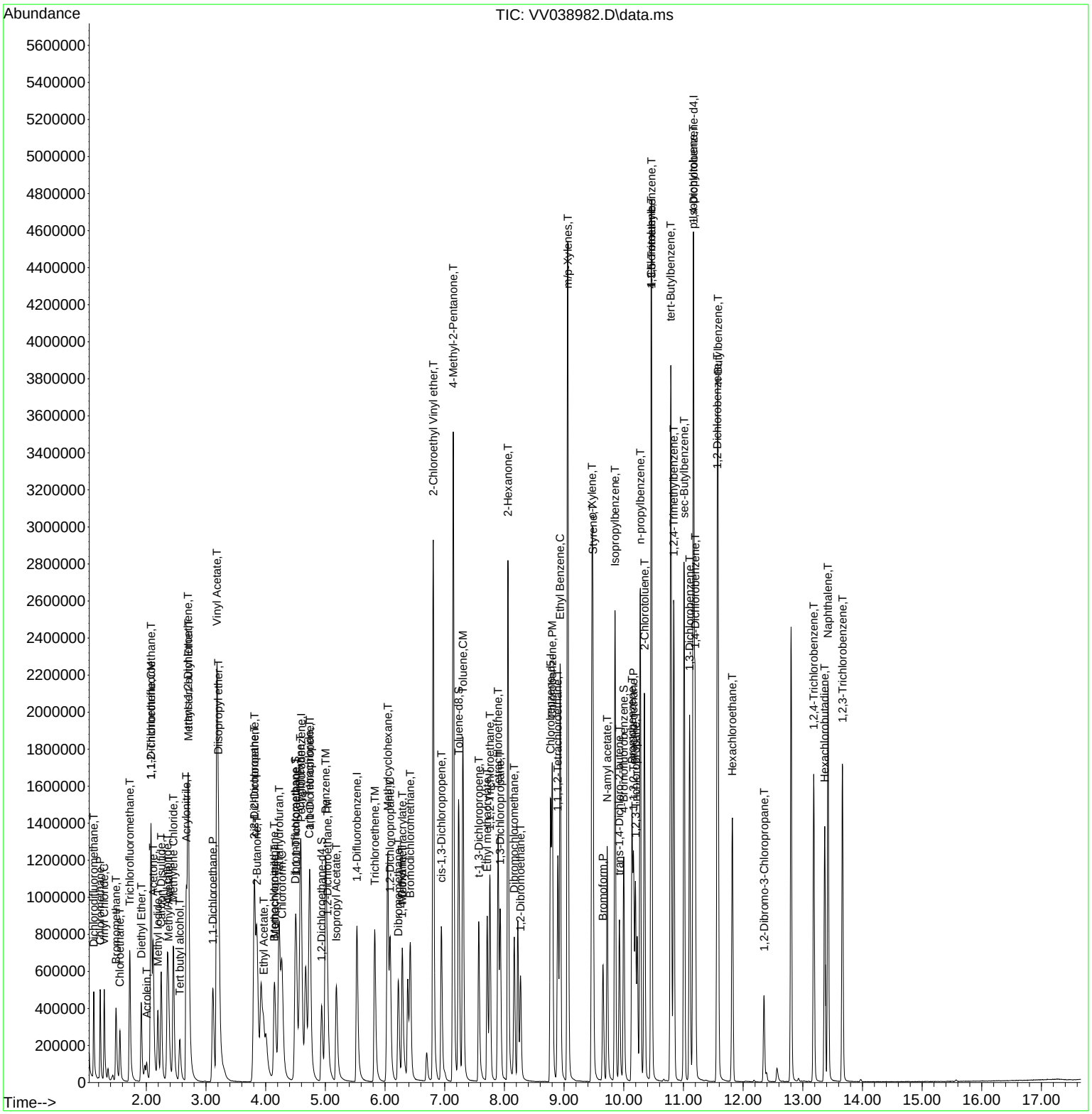
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



Sample Results: **VV038982.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	118	0.00
2	T	Dichlorodifluoromethane	0.747	0.644	13.8	106	0.00
3	P	Chloromethane	0.772	0.671	13.1	104	0.00
4	C	Vinyl Chloride	0.815	0.716	12.1#	103	0.00
5	T	Bromomethane	0.440	0.434	1.4	115	0.00
6	T	Chloroethane	0.415	0.391	5.8	112	0.00
7	T	Trichlorofluoromethane	1.116	1.035	7.3	113	0.00
8	T	Diethyl Ether	0.343	0.335	2.3	124	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.616	0.554	10.1	118	0.00
10	T	Methyl Iodide	0.766	0.759	0.9	115	0.00
11	T	Tert butyl alcohol	0.095	0.106	-11.6	134	0.00
12	CM	1,1-Dichloroethene	0.567	0.536	5.5#	118	0.00
13	T	Acrolein	0.041	0.029	29.3#	119	0.00
14	T	Allyl chloride	0.758	0.922	-21.6#	154#	0.00
15	T	Acrylonitrile	0.287	0.333	-16.0	145	0.00
16	T	Acetone	0.282	0.277	1.8	132	0.00
17	T	Carbon Disulfide	1.578	1.548	1.9	124	0.00
18	T	Methyl Acetate	0.597	0.750	-25.6#	159#	0.00
19	T	Methyl tert-butyl Ether	1.678	1.921	-14.5	133	0.00
20	T	Methylene Chloride	0.654	0.690	-5.5	141	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.641	-8.5	133	0.00
22	T	Diisopropyl ether	1.664	1.868	-12.3	153#	0.00
23	T	Vinyl Acetate	1.335	1.539	-15.3	149	0.00
24	P	1,1-Dichloroethane	1.102	1.114	-1.1	140	0.00
25	T	2-Butanone	0.366	0.416	-13.7	148	0.00
26	T	2,2-Dichloropropane	1.057	1.023	3.2	130	0.00
27	T	cis-1,2-Dichloroethene	0.713	0.718	-0.7	133	0.00
28	T	Bromochloromethane	0.320	0.269	15.9	144	0.00
29	T	Tetrahydrofuran	0.245	0.271	-10.6	153#	0.00
30	C	Chloroform	1.259	1.201	4.6#	130	0.00
31	T	Cyclohexane	0.983	0.959	2.4	140	0.00
32	T	1,1,1-Trichloroethane	1.183	1.077	9.0	123	0.00
33	S	1,2-Dichloroethane-d4	0.702	0.672	4.3	124	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35	S	Dibromofluoromethane	0.375	0.368	1.9	129	0.00
36	T	1,1-Dichloropropene	0.487	0.490	-0.6	131	0.00
37	T	Ethyl Acetate	0.476	0.514	-8.0	159#	0.00
38	T	Carbon Tetrachloride	0.652	0.600	8.0	118	0.00
39	T	Methylcyclohexane	0.622	0.666	-7.1	128	0.00
40	TM	Benzene	1.525	1.571	-3.0	133	0.00
41	T	Methacrylonitrile	0.179	0.227	-26.8#	149	0.00
42	TM	1,2-Dichloroethane	0.558	0.537	3.8	126	0.00
43	T	Isopropyl Acetate	0.726	0.809	-11.4	146	0.00
44	TM	Trichloroethene	0.414	0.401	3.1	124	0.00
45	C	1,2-Dichloropropane	0.366	0.389	-6.3#	143	0.00
46	T	Dibromomethane	0.307	0.296	3.6	128	0.00
47	T	Bromodichloromethane	0.625	0.597	4.5	124	0.00
48	T	Methyl methacrylate	0.325	0.380	-16.9	141	0.00

Sample Results: **VV038982.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	0.005	0.006	-20.0	143	0.00
50	S	Toluene-d8	1.308	1.282	2.0	116	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.544	-14.0	130	0.00
52	CM	Toluene	0.966	1.015	-5.1#	115	0.00
53	T	t-1,3-Dichloropropene	0.584	0.604	-3.4	105	0.00
54	T	cis-1,3-Dichloropropene	0.605	0.643	-6.3	124	0.00
55	T	1,1,2-Trichloroethane	0.421	0.414	1.7	107	0.00
56	T	Ethyl methacrylate	0.494	0.586	-18.6	107	0.00
57	T	1,3-Dichloropropane	0.657	0.661	-0.6	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.248	0.323	-30.2#	132	0.00
59	T	2-Hexanone	0.355	0.405	-14.1	105	0.00
60	T	Dibromochloromethane	0.509	0.477	6.3	103	0.00
61	T	1,2-Dibromoethane	0.437	0.436	0.2	106	0.00
62	S	4-Bromofluorobenzene	0.478	0.486	-1.7	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.372	0.377	-1.3	105	0.00
65	PM	Chlorobenzene	1.206	1.194	1.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.433	0.425	1.8	103	0.00
67	C	Ethyl Benzene	1.840	2.027	-10.2#	105	0.00
68	T	m/p-Xylenes	0.715	0.813	-13.7	105	0.00
69	T	o-Xylene	0.651	0.749	-15.1	107	0.00
70	T	Styrene	1.118	1.344	-20.2#	106	0.00
71	P	Bromoform	0.357	0.356	0.3	103	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.355	3.588	-6.9	106	0.00
74	T	N-amyl acetate	1.229	1.344	-9.4	106	0.00
75	P	1,1,2,2-Tetrachloroethane	1.332	1.201	9.8	106	0.00
76	T	1,2,3-Trichloropropane	0.927	0.886	4.4	102	0.00
77	T	Bromobenzene	0.862	0.861	0.1	105	0.00
78	T	n-propylbenzene	4.006	4.335	-8.2	104	0.00
79	T	2-Chlorotoluene	2.405	2.559	-6.4	106	0.00
80	T	1,3,5-Trimethylbenzene	2.824	3.096	-9.6	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.404	0.421	-4.2	102	0.00
82	T	4-Chlorotoluene	2.772	3.038	-9.6	104	0.00
83	T	tert-Butylbenzene	2.804	3.037	-8.3	105	0.00
84	T	1,2,4-Trimethylbenzene	2.702	3.093	-14.5	105	0.00
85	T	sec-Butylbenzene	3.646	4.011	-10.0	105	0.00
86	T	p-Isopropyltoluene	3.071	3.408	-11.0	105	0.00
87	T	1,3-Dichlorobenzene	1.702	1.726	-1.4	104	0.00
88	T	1,4-Dichlorobenzene	1.816	1.752	3.5	103	0.00
89	T	n-Butylbenzene	2.992	3.273	-9.4	105	0.00
90	T	Hexachloroethane	0.710	0.667	6.1	105	0.00
91	T	1,2-Dichlorobenzene	1.623	1.634	-0.7	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.256	1.2	106	0.00
93	T	1,2,4-Trichlorobenzene	0.969	1.048	-8.2	105	0.00
94	T	Hexachlorobutadiene	0.499	0.477	4.4	105	0.00
95	T	Naphthalene	3.057	3.575	-16.9	105	0.00

Sample Results: **VV038982.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	0.977	1.075	-10.0	107	0.00

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

Sample Results: **VV038982.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	118	0.00
2	T	Dichlorodifluoromethane	50.000	43.105	13.8	106	0.00
3	P	Chloromethane	50.000	43.471	13.1	104	0.00
4	C	Vinyl Chloride	50.000	43.963	12.1#	103	0.00
5	T	Bromomethane	50.000	49.319	1.4	115	0.00
6	T	Chloroethane	50.000	47.051	5.9	112	0.00
7	T	Trichlorofluoromethane	50.000	46.350	7.3	113	0.00
8	T	Diethyl Ether	50.000	48.824	2.4	124	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.957	10.1	118	0.00
10	T	Methyl Iodide	50.000	49.509	1.0	115	0.00
11	T	Tert butyl alcohol	250.000	278.878	-11.6	134	0.00
12	CM	1,1-Dichloroethene	50.000	47.267	5.5#	118	0.00
13	T	Acrolein	250.000	234.958	6.0	119	0.00
14	T	Allyl chloride	50.000	60.818	-21.6#	154	0.00
15	T	Acrylonitrile	250.000	290.406	-16.2	145	0.00
16	T	Acetone	250.000	245.822	1.7	132	0.00
17	T	Carbon Disulfide	50.000	49.049	1.9	124	0.00
18	T	Methyl Acetate	50.000	62.800	-25.6#	159	0.00
19	T	Methyl tert-butyl Ether	50.000	57.258	-14.5	133	0.00
20	T	Methylene Chloride	50.000	52.729	-5.5	141	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.238	-8.5	133	0.00
22	T	Diisopropyl ether	50.000	56.148	-12.3	153	0.00
23	T	Vinyl Acetate	250.000	288.321	-15.3	149	0.00
24	P	1,1-Dichloroethane	50.000	50.533	-1.1	140	0.00
25	T	2-Butanone	250.000	283.941	-13.6	148	0.00
26	T	2,2-Dichloropropane	50.000	48.394	3.2	130	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.313	-0.6	133	0.00
28	T	Bromochloromethane	50.000	56.970	-13.9	144	0.00
29	T	Tetrahydrofuran	250.000	276.602	-10.6	153	0.00
30	C	Chloroform	50.000	47.678	4.6#	130	0.00
31	T	Cyclohexane	50.000	48.759	2.5	140	0.00
32	T	1,1,1-Trichloroethane	50.000	45.515	9.0	123	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.897	4.2	124	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	121	0.00
35	S	Dibromofluoromethane	50.000	49.041	1.9	129	0.00
36	T	1,1-Dichloropropene	50.000	50.275	-0.5	131	0.00
37	T	Ethyl Acetate	50.000	54.042	-8.1	159	0.00
38	T	Carbon Tetrachloride	50.000	46.028	7.9	118	0.00
39	T	Methylcyclohexane	50.000	53.539	-7.1	128	0.00
40	TM	Benzene	50.000	51.495	-3.0	133	0.00
41	T	Methacrylonitrile	50.000	63.242	-26.5#	149	0.00
42	TM	1,2-Dichloroethane	50.000	48.120	3.8	126	0.00
43	T	Isopropyl Acetate	50.000	55.696	-11.4	146	0.00
44	TM	Trichloroethene	50.000	48.520	3.0	124	0.00
45	C	1,2-Dichloropropane	50.000	53.167	-6.3#	143	0.00
46	T	Dibromomethane	50.000	48.177	3.6	128	0.00
47	T	Bromodichloromethane	50.000	47.749	4.5	124	0.00
48	T	Methyl methacrylate	50.000	58.377	-16.8	141	0.00

Sample Results: **VV038982.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	1164.421	-16.4	143	0.00
50	S	Toluene-d8	50.000	49.022	2.0	116	0.00
51	T	4-Methyl-2-Pentanone	250.000	285.555	-14.2	130	0.00
52	CM	Toluene	50.000	52.516	-5.0#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	51.728	-3.5	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.126	-6.3	124	0.00
55	T	1,1,2-Trichloroethane	50.000	49.189	1.6	107	0.00
56	T	Ethyl methacrylate	50.000	46.056	7.9	107	0.00
57	T	1,3-Dichloropropane	50.000	50.326	-0.7	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.565	-8.2	132	0.00
59	T	2-Hexanone	250.000	224.805	10.1	105	0.00
60	T	Dibromochloromethane	50.000	46.946	6.1	103	0.00
61	T	1,2-Dibromoethane	50.000	49.912	0.2	106	0.00
62	S	4-Bromofluorobenzene	50.000	50.794	-1.6	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	50.645	-1.3	105	0.00
65	PM	Chlorobenzene	50.000	49.519	1.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.069	1.9	103	0.00
67	C	Ethyl Benzene	50.000	55.074	-10.1#	105	0.00
68	T	m/p-Xylenes	100.000	113.815	-13.8	105	0.00
69	T	o-Xylene	50.000	57.475	-15.0	107	0.00
70	T	Styrene	50.000	60.112	-20.2#	106	0.00
71	P	Bromoform	50.000	49.915	0.2	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	53.470	-6.9	106	0.00
74	T	N-amyl acetate	50.000	54.667	-9.3	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.083	9.8	106	0.00
76	T	1,2,3-Trichloropropane	50.000	47.788	4.4	102	0.00
77	T	Bromobenzene	50.000	49.961	0.1	105	0.00
78	T	n-propylbenzene	50.000	54.110	-8.2	104	0.00
79	T	2-Chlorotoluene	50.000	53.188	-6.4	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.833	-9.7	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.076	-4.2	102	0.00
82	T	4-Chlorotoluene	50.000	54.791	-9.6	104	0.00
83	T	tert-Butylbenzene	50.000	54.165	-8.3	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.229	-14.5	105	0.00
85	T	sec-Butylbenzene	50.000	54.997	-10.0	105	0.00
86	T	p-Isopropyltoluene	50.000	55.491	-11.0	105	0.00
87	T	1,3-Dichlorobenzene	50.000	50.700	-1.4	104	0.00
88	T	1,4-Dichlorobenzene	50.000	48.240	3.5	103	0.00
89	T	n-Butylbenzene	50.000	54.710	-9.4	105	0.00
90	T	Hexachloroethane	50.000	47.007	6.0	105	0.00
91	T	1,2-Dichlorobenzene	50.000	50.324	-0.6	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.320	1.4	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.087	-8.2	105	0.00
94	T	Hexachlorobutadiene	50.000	47.789	4.4	105	0.00
95	T	Naphthalene	50.000	58.487	-17.0	105	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038982.D
Acq On : 21 Aug 2025 15:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	55.016	-10.0	107	0.00

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

Raw Data: **VV039009.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	ATGG01
Lab Code:	ACE	SDG No.:	Q2929
Instrument ID:	MSVOA_V	Calibration Date/Time:	08/22/2025 09:03
Lab File ID:	VV039009.D	Init. Calib. Date(s):	08/21/2025 08/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:05 11:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.525	1.478		-3.08	20
Toluene	0.966	0.942		-2.48	20
Ethyl Benzene	1.840	2.002		8.8	20
m/p-Xylenes	0.715	0.770		7.69	20
o-Xylene	0.651	0.736		13.06	20
1,2-Dichloroethane-d4	0.702	0.659		-6.13	20
Dibromofluoromethane	0.375	0.333		-11.2	20
Toluene-d8	1.308	1.155		-11.7	20
4-Bromofluorobenzene	0.478	0.443		-7.32	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\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	735484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1263798	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1133330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	587247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	484915	46.987	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 93.980%			
35) Dibromofluoromethane	4.497	113	420445	44.361	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 88.720%			
50) Toluene-d8	7.233	98	1459428	44.158	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.320%#			
62) 4-Bromofluorobenzene	9.998	95	559387	46.267	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 92.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	441905	40.193	ug/l	98
3) Chloromethane	1.230	50	430616	37.917	ug/l	99
4) Vinyl Chloride	1.294	62	508177	42.408	ug/l	97
5) Bromomethane	1.491	94	255375	39.434	ug/l	98
6) Chloroethane	1.558	64	344904	56.484	ug/l	99
7) Trichlorofluoromethane	1.722	101	772663	47.068	ug/l	99
8) Diethyl Ether	1.915	74	304837	60.384	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.079	101	470637	51.939	ug/l	93
10) Methyl Iodide	2.195	142	536425	47.582	ug/l	95
11) Tert butyl alcohol	2.561	59	457639	327.635	ug/l	99
12) 1,1-Dichloroethene	2.079	96	446677	53.512	ug/l	92
13) Acrolein	2.005	56	152831	344.609	ug/l	94
14) Allyl chloride	2.356	41	707837	63.512	ug/l	92
15) Acrylonitrile	2.671	53	1330781	315.255	ug/l	99
16) Acetone	2.114	43	1346373	325.050	ug/l	100
17) Carbon Disulfide	2.249	76	1315411	56.658	ug/l	99
18) Methyl Acetate	2.375	43	589312	67.125	ug/l	93
19) Methyl tert-butyl Ether	2.706	73	1535103	62.196	ug/l	97
20) Methylene Chloride	2.455	84	491090	51.019	ug/l	93
21) trans-1,2-Dichloroethene	2.700	96	463055	53.261	ug/l	96
22) Diisopropyl ether	3.208	45	1467999	59.993	ug/l	97
23) Vinyl Acetate	3.182	43	6226543	317.129	ug/l	96
24) 1,1-Dichloroethane	3.118	63	838824	51.751	ug/l	97
25) 2-Butanone	3.854	43	1690277	313.639	ug/l	98
26) 2,2-Dichloropropane	3.809	77	744857	47.904	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	552593	52.661	ug/l	96
28) Bromochloromethane	4.143	49	203759	58.409	ug/l	85
29) Tetrahydrofuran	4.227	42	1097751	305.143	ug/l	91
30) Chloroform	4.275	83	866770	46.795	ug/l	99
31) Cyclohexane	4.580	56	765473	52.931	ug/l	92
32) 1,1,1-Trichloroethane	4.510	97	785698	45.149	ug/l	98
36) 1,1-Dichloropropene	4.741	75	594967	48.338	ug/l	97
37) Ethyl Acetate	3.966	43	648648	53.938	ug/l	97
38) Carbon Tetrachloride	4.732	117	665125	40.352	ug/l	99
39) Methylcyclohexane	6.043	83	822584	52.302	ug/l	96
40) Benzene	5.005	78	1868498	48.468	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	294356	64.957	ug/l	92
42) 1,2-Dichloroethane	5.037	62	619719	43.971	ug/l	99
43) Isopropyl Acetate	5.185	43	1042203	56.797	ug/l	98
44) Trichloroethene	5.828	130	474890	45.413	ug/l	92
45) 1,2-Dichloropropane	6.085	63	468870	50.712	ug/l	100
46) Dibromomethane	6.224	93	347391	44.778	ug/l	97
47) Bromodichloromethane	6.423	83	709496	44.936	ug/l	98
48) Methyl methacrylate	6.291	41	494597	60.130	ug/l	91
49) 1,4-Dioxane	6.285	88	173330	1260.263	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	3375418	280.159	ug/l	99
52) Toluene	7.307	92	1190743	48.770	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	742660	50.315	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	787540	51.496	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	474162	44.541	ug/l	99
56) Ethyl methacrylate	7.712	69	764269	47.517	ug/l	99
57) 1,3-Dichloropropane	7.931	76	790543	47.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.805	63	1966238	261.458	ug/l	95
59) 2-Hexanone	8.059	43	2499458	218.888	ug/l	100
60) Dibromochloromethane	8.166	129	557546	43.375	ug/l	100
61) 1,2-Dibromoethane	8.272	107	516305	46.749	ug/l	98
64) Tetrachloroethene	7.895	164	394392	46.768	ug/l	98
65) Chlorobenzene	8.802	112	1309485	47.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	457543	46.644	ug/l	99
67) Ethyl Benzene	8.934	91	2268847	54.389	ug/l	100
68) m/p-Xylenes	9.059	106	1745146	107.718	ug/l	100
69) o-Xylene	9.465	106	834605	56.520	ug/l	100
70) Styrene	9.484	104	1410898	55.692	ug/l	99
71) Bromoform	9.651	173	383518	47.453	ug/l	99
73) Isopropylbenzene	9.854	105	2218800	56.306	ug/l	100
74) N-amyl acetate	9.722	43	929708	64.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	751652	48.029	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	557967	51.224	ug/l	97
77) Bromobenzene	10.140	156	521786	51.537	ug/l	97
78) n-propylbenzene	10.275	91	2687980	57.132	ug/l	100
79) 2-Chlorotoluene	10.346	91	1660553	58.783	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	1955734	58.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	269045	56.708	ug/l	99
82) 4-Chlorotoluene	10.461	91	1903644	58.468	ug/l	98
83) tert-Butylbenzene	10.789	119	1932135	58.676	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1930325	60.825	ug/l	98
85) sec-Butylbenzene	11.011	105	2512016	58.658	ug/l	99
86) p-Isopropyltoluene	11.165	119	2083608	57.774	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1024298	51.235	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1038812	48.711	ug/l	100
89) n-Butylbenzene	11.580	91	1881120	53.537	ug/l	99
90) Hexachloroethane	11.821	117	379173	45.493	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	948293	49.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	160839	52.843	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	612379	53.831	ug/l	99
94) Hexachlorobutadiene	13.368	225	257257	43.866	ug/l	98
95) Naphthalene	13.423	128	2231593	62.163	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	635892	55.437	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

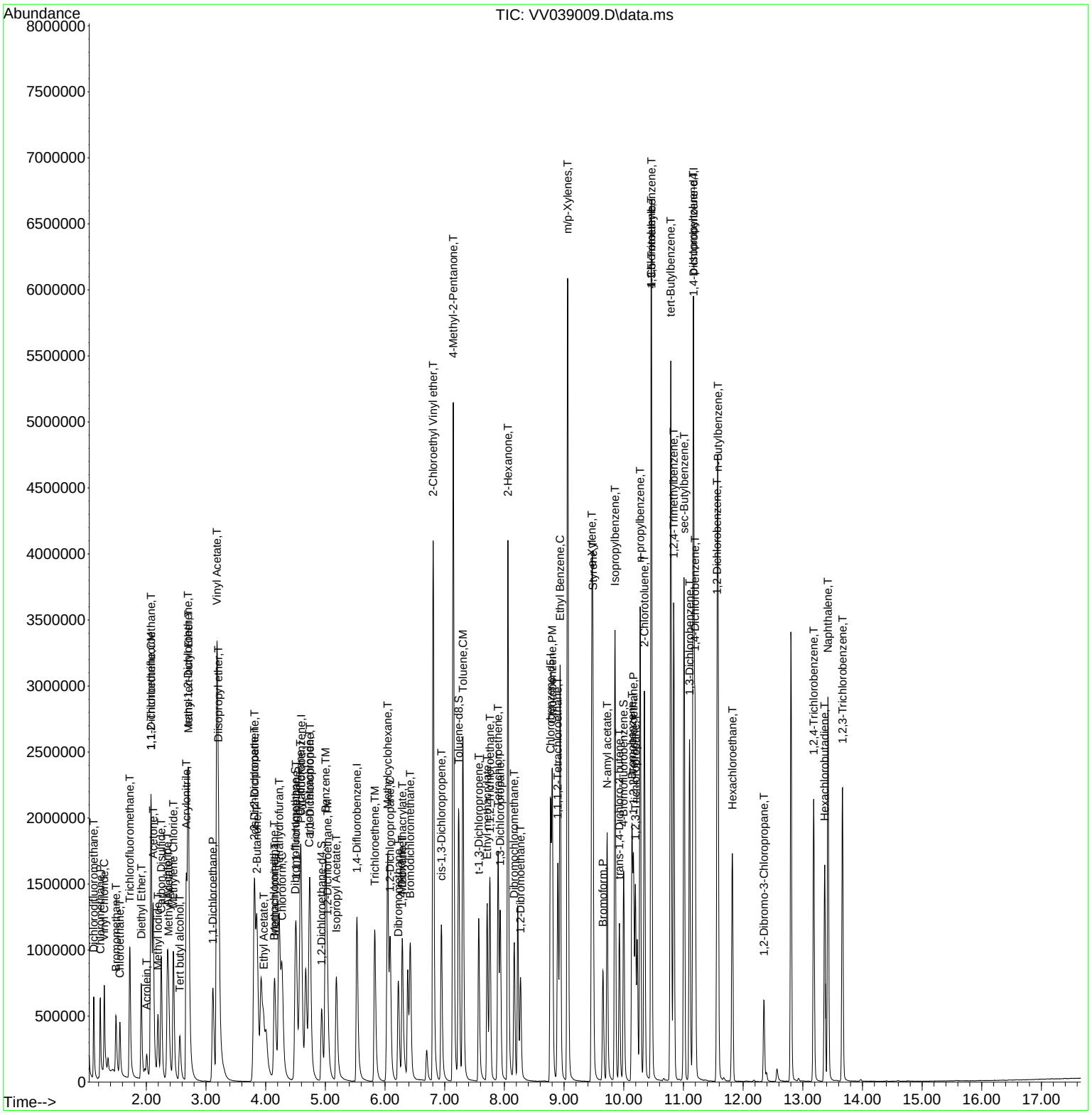
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



Sample Results: **VV039009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	164#	0.00
2	T	Dichlorodifluoromethane	0.747	0.601	19.5	136	0.00
3	P	Chloromethane	0.772	0.585	24.2#	125	0.00
4	C	Vinyl Chloride	0.815	0.691	15.2#	138	0.00
5	T	Bromomethane	0.440	0.347	21.1#	127	0.00
6	T	Chloroethane	0.415	0.469	-13.0	186#	0.00
7	T	Trichlorofluoromethane	1.116	1.051	5.8	158#	0.00
8	T	Diethyl Ether	0.343	0.414	-20.7#	213#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.616	0.640	-3.9	189#	0.00
10	T	Methyl Iodide	0.766	0.729	4.8	153#	0.00
11	T	Tert butyl alcohol	0.095	0.124	-30.5#	217#	0.00
12	CM	1,1-Dichloroethene	0.567	0.607	-7.1#	186#	0.00
13	T	Acrolein	0.041	0.042	-2.4	235#	0.00
14	T	Allyl chloride	0.758	0.962	-26.9#	222#	0.00
15	T	Acrylonitrile	0.287	0.362	-26.1#	217#	0.00
16	T	Acetone	0.282	0.366	-29.8#	241#	0.00
17	T	Carbon Disulfide	1.578	1.788	-13.3	199#	0.00
18	T	Methyl Acetate	0.597	0.801	-34.2#	234#	0.00
19	T	Methyl tert-butyl Ether	1.678	2.087	-24.4#	199#	0.00
20	T	Methylene Chloride	0.654	0.668	-2.1	188#	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.630	-6.6	180#	0.00
22	T	Diisopropyl ether	1.664	1.996	-20.0	226#	0.00
23	T	Vinyl Acetate	1.335	1.693	-26.8#	226#	0.00
24	P	1,1-Dichloroethane	1.102	1.141	-3.5	199#	0.00
25	T	2-Butanone	0.366	0.460	-25.7#	227#	0.00
26	T	2,2-Dichloropropane	1.057	1.013	4.2	178#	0.00
27	T	cis-1,2-Dichloroethene	0.713	0.751	-5.3	192#	0.00
28	T	Bromochloromethane	0.320	0.277	13.4	205#	0.00
29	T	Tetrahydrofuran	0.245	0.299	-22.0#	234#	0.00
30	C	Chloroform	1.259	1.179	6.4#	176#	0.00
31	T	Cyclohexane	0.983	1.041	-5.9	211#	0.00
32	T	1,1,1-Trichloroethane	1.183	1.068	9.7	169#	0.00
33	S	1,2-Dichloroethane-d4	0.702	0.659	6.1	168#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	183#	0.00
35	S	Dibromofluoromethane	0.375	0.333	11.2	176#	0.00
36	T	1,1-Dichloropropene	0.487	0.471	3.3	191#	0.00
37	T	Ethyl Acetate	0.476	0.513	-7.8	241#	0.00
38	T	Carbon Tetrachloride	0.652	0.526	19.3	157#	0.00
39	T	Methylcyclohexane	0.622	0.651	-4.7	189#	0.00
40	TM	Benzene	1.525	1.478	3.1	189#	0.00
41	T	Methacrylonitrile	0.179	0.233	-30.2#	231#	0.00
42	TM	1,2-Dichloroethane	0.558	0.490	12.2	175#	0.00
43	T	Isopropyl Acetate	0.726	0.825	-13.6	226#	0.00
44	TM	Trichloroethene	0.414	0.376	9.2	176#	0.00
45	C	1,2-Dichloropropane	0.366	0.371	-1.4#	206#	0.00
46	T	Dibromomethane	0.307	0.275	10.4	180#	0.00
47	T	Bromodichloromethane	0.625	0.561	10.2	176#	0.00
48	T	Methyl methacrylate	0.325	0.391	-20.3#	220#	0.00

Sample Results: **VV039009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	0.005	0.007	-40.0#	235#	0.00
50	S	Toluene-d8	1.308	1.155	11.7	158#	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.534	-11.9	194#	0.00
52	CM	Toluene	0.966	0.942	2.5#	161#	0.00
53	T	t-1,3-Dichloropropene	0.584	0.588	-0.7	155#	0.00
54	T	cis-1,3-Dichloropropene	0.605	0.623	-3.0	182#	0.00
55	T	1,1,2-Trichloroethane	0.421	0.375	10.9	147	0.00
56	T	Ethyl methacrylate	0.494	0.605	-22.5#	167#	0.00
57	T	1,3-Dichloropropane	0.657	0.626	4.7	152#	0.00
58	T	2-Chloroethyl Vinyl ether	0.248	0.311	-25.4#	193#	0.00
59	T	2-Hexanone	0.355	0.396	-11.5	156#	0.00
60	T	Dibromochloromethane	0.509	0.441	13.4	145	0.00
61	T	1,2-Dibromoethane	0.437	0.409	6.4	150#	0.00
62	S	4-Bromofluorobenzene	0.478	0.443	7.3	145	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	146	0.00
64	T	Tetrachloroethene	0.372	0.348	6.5	139	0.00
65	PM	Chlorobenzene	1.206	1.155	4.2	145	0.00
66	T	1,1,1,2-Tetrachloroethane	0.433	0.404	6.7	140	0.00
67	C	Ethyl Benzene	1.840	2.002	-8.8#	150	0.00
68	T	m/p-Xylenes	0.715	0.770	-7.7	143	0.00
69	T	o-Xylene	0.651	0.736	-13.1	151#	0.00
70	T	Styrene	1.118	1.245	-11.4	141	0.00
71	P	Bromoform	0.357	0.338	5.3	141	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00
73	T	Isopropylbenzene	3.355	3.778	-12.6	144	0.00
74	T	N-amyl acetate	1.229	1.583	-28.8#	162#	0.00
75	P	1,1,2,2-Tetrachloroethane	1.332	1.280	3.9	146	0.00
76	T	1,2,3-Trichloropropane	0.927	0.950	-2.5	142	0.00
77	T	Bromobenzene	0.862	0.889	-3.1	140	0.00
78	T	n-propylbenzene	4.006	4.577	-14.3	143	0.00
79	T	2-Chlorotoluene	2.405	2.828	-17.6	152#	0.00
80	T	1,3,5-Trimethylbenzene	2.824	3.330	-17.9	145	0.00
81	T	trans-1,4-Dichloro-2-butene	0.404	0.458	-13.4	144	0.00
82	T	4-Chlorotoluene	2.772	3.242	-17.0	145	0.00
83	T	tert-Butylbenzene	2.804	3.290	-17.3	148	0.00
84	T	1,2,4-Trimethylbenzene	2.702	3.287	-21.7#	145	0.00
85	T	sec-Butylbenzene	3.646	4.278	-17.3	146	0.00
86	T	p-Isopropyltoluene	3.071	3.548	-15.5	142	0.00
87	T	1,3-Dichlorobenzene	1.702	1.744	-2.5	137	0.00
88	T	1,4-Dichlorobenzene	1.816	1.769	2.6	135	0.00
89	T	n-Butylbenzene	2.992	3.203	-7.1	134	0.00
90	T	Hexachloroethane	0.710	0.646	9.0	132	0.00
91	T	1,2-Dichlorobenzene	1.623	1.615	0.5	135	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.274	-5.8	148	0.00
93	T	1,2,4-Trichlorobenzene	0.969	1.043	-7.6	136	0.00
94	T	Hexachlorobutadiene	0.499	0.438	12.2	125	0.00
95	T	Naphthalene	3.057	3.800	-24.3#	145	0.00

Sample Results: **VV039009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	0.977	1.083	-10.8	140	0.00

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

Sample Results: **VV039009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	164	0.00
2	T	Dichlorodifluoromethane	50.000	40.193	19.6	136	0.00
3	P	Chloromethane	50.000	37.917	24.2#	125	0.00
4	C	Vinyl Chloride	50.000	42.408	15.2#	138	0.00
5	T	Bromomethane	50.000	39.434	21.1#	127	0.00
6	T	Chloroethane	50.000	56.484	-13.0	186	0.00
7	T	Trichlorofluoromethane	50.000	47.068	5.9	158	0.00
8	T	Diethyl Ether	50.000	60.384	-20.8#	213	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.939	-3.9	189	0.00
10	T	Methyl Iodide	50.000	47.582	4.8	153	0.00
11	T	Tert butyl alcohol	250.000	327.635	-31.1#	217	0.00
12	CM	1,1-Dichloroethene	50.000	53.512	-7.0#	186	0.00
13	T	Acrolein	250.000	344.609	-37.8#	235	0.00
14	T	Allyl chloride	50.000	63.512	-27.0#	222	0.00
15	T	Acrylonitrile	250.000	315.255	-26.1#	217	0.00
16	T	Acetone	250.000	325.050	-30.0#	241	0.00
17	T	Carbon Disulfide	50.000	56.658	-13.3	199	0.00
18	T	Methyl Acetate	50.000	67.125	-34.3#	234	0.00
19	T	Methyl tert-butyl Ether	50.000	62.196	-24.4#	199	0.00
20	T	Methylene Chloride	50.000	51.019	-2.0	188	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.261	-6.5	180	0.00
22	T	Diisopropyl ether	50.000	59.993	-20.0	226	0.00
23	T	Vinyl Acetate	250.000	317.129	-26.9#	226	0.00
24	P	1,1-Dichloroethane	50.000	51.751	-3.5	199	0.00
25	T	2-Butanone	250.000	313.639	-25.5#	227	0.00
26	T	2,2-Dichloropropane	50.000	47.904	4.2	178	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.661	-5.3	192	0.00
28	T	Bromochloromethane	50.000	58.409	-16.8	205	0.00
29	T	Tetrahydrofuran	250.000	305.143	-22.1#	234	0.00
30	C	Chloroform	50.000	46.795	6.4#	176	0.00
31	T	Cyclohexane	50.000	52.931	-5.9	211	0.00
32	T	1,1,1-Trichloroethane	50.000	45.149	9.7	169	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.987	6.0	168	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	183	0.00
35	S	Dibromofluoromethane	50.000	44.361	11.3	176	0.00
36	T	1,1-Dichloropropene	50.000	48.338	3.3	191	0.00
37	T	Ethyl Acetate	50.000	53.938	-7.9	241	0.00
38	T	Carbon Tetrachloride	50.000	40.352	19.3	157	0.00
39	T	Methylcyclohexane	50.000	52.302	-4.6	189	0.00
40	TM	Benzene	50.000	48.468	3.1	189	0.00
41	T	Methacrylonitrile	50.000	64.957	-29.9#	231	0.00
42	TM	1,2-Dichloroethane	50.000	43.971	12.1	175	0.00
43	T	Isopropyl Acetate	50.000	56.797	-13.6	226	0.00
44	TM	Trichloroethene	50.000	45.413	9.2	176	0.00
45	C	1,2-Dichloropropane	50.000	50.712	-1.4#	206	0.00
46	T	Dibromomethane	50.000	44.778	10.4	180	0.00
47	T	Bromodichloromethane	50.000	44.936	10.1	176	0.00
48	T	Methyl methacrylate	50.000	60.130	-20.3#	220	0.00

Sample Results: **VV039009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	1260.263	-26.0#	235	0.00
50	S	Toluene-d8	50.000	44.158	11.7	158	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.159	-12.1	194	0.00
52	CM	Toluene	50.000	48.770	2.5#	161	0.00
53	T	t-1,3-Dichloropropene	50.000	50.315	-0.6	155	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.496	-3.0	182	0.00
55	T	1,1,2-Trichloroethane	50.000	44.541	10.9	147	0.00
56	T	Ethyl methacrylate	50.000	47.517	5.0	167	0.00
57	T	1,3-Dichloropropane	50.000	47.624	4.8	152	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.458	-4.6	193	0.00
59	T	2-Hexanone	250.000	218.888	12.4	156	0.00
60	T	Dibromochloromethane	50.000	43.375	13.3	145	0.00
61	T	1,2-Dibromoethane	50.000	46.749	6.5	150	0.00
62	S	4-Bromofluorobenzene	50.000	46.267	7.5	145	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	146	0.00
64	T	Tetrachloroethene	50.000	46.768	6.5	139	0.00
65	PM	Chlorobenzene	50.000	47.922	4.2	145	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.644	6.7	140	0.00
67	C	Ethyl Benzene	50.000	54.389	-8.8#	150	0.00
68	T	m/p-Xylenes	100.000	107.718	-7.7	143	0.00
69	T	o-Xylene	50.000	56.520	-13.0	151	0.00
70	T	Styrene	50.000	55.692	-11.4	141	0.00
71	P	Bromoform	50.000	47.453	5.1	141	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	127	0.00
73	T	Isopropylbenzene	50.000	56.306	-12.6	144	0.00
74	T	N-amyl acetate	50.000	64.396	-28.8#	162	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.029	3.9	146	0.00
76	T	1,2,3-Trichloropropane	50.000	51.224	-2.4	142	0.00
77	T	Bromobenzene	50.000	51.537	-3.1	140	0.00
78	T	n-propylbenzene	50.000	57.132	-14.3	143	0.00
79	T	2-Chlorotoluene	50.000	58.783	-17.6	152	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.975	-18.0	145	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.708	-13.4	144	0.00
82	T	4-Chlorotoluene	50.000	58.468	-16.9	145	0.00
83	T	tert-Butylbenzene	50.000	58.676	-17.4	148	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.825	-21.7#	145	0.00
85	T	sec-Butylbenzene	50.000	58.658	-17.3	146	0.00
86	T	p-Isopropyltoluene	50.000	57.774	-15.5	142	0.00
87	T	1,3-Dichlorobenzene	50.000	51.235	-2.5	137	0.00
88	T	1,4-Dichlorobenzene	50.000	48.711	2.6	135	0.00
89	T	n-Butylbenzene	50.000	53.537	-7.1	134	0.00
90	T	Hexachloroethane	50.000	45.493	9.0	132	0.00
91	T	1,2-Dichlorobenzene	50.000	49.745	0.5	135	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.843	-5.7	148	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.831	-7.7	136	0.00
94	T	Hexachlorobutadiene	50.000	43.866	12.3	125	0.00
95	T	Naphthalene	50.000	62.163	-24.3#	145	0.00

Sample Results: **VV039009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039009.D
Acq On : 22 Aug 2025 09:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 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	55.437	-10.9	140	0.00

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

QC SAMPLE DATA

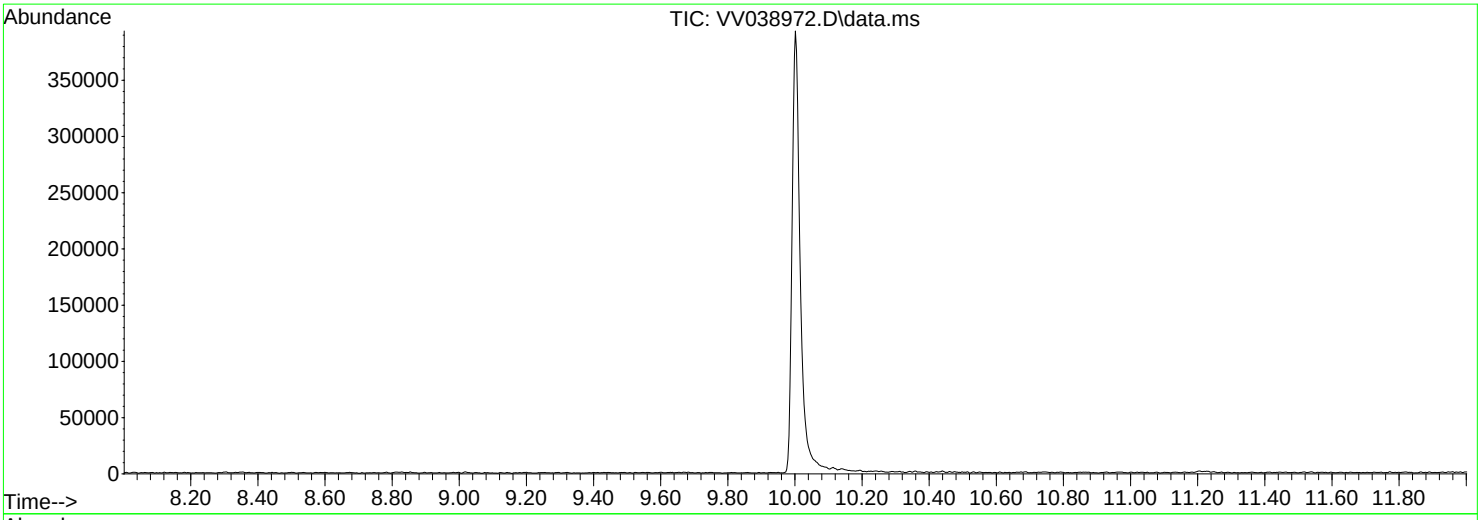
Sample Results: **VV038972.D**

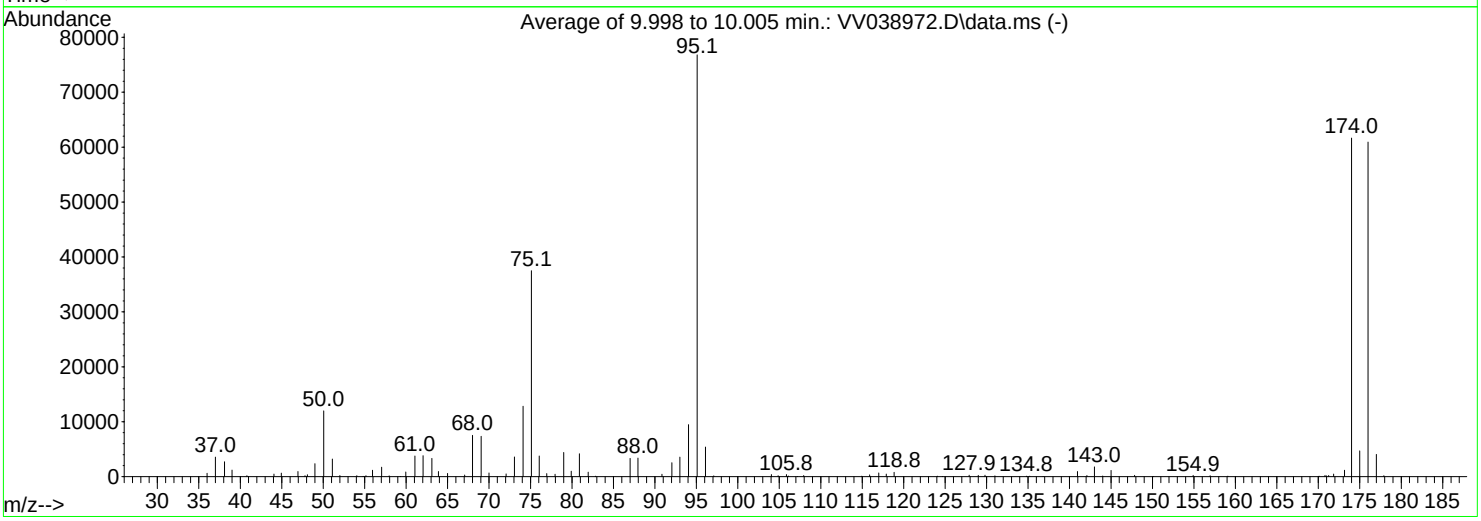
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038972.D
Acq On : 21 Aug 2025 08:34
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 04:15:04 2025





AutoFind: Scans 2786, 2787, 2788; Background Corrected with Scan 2775

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	11976	PASS
75	95	30	60	48.8	37496	PASS
95	95	100	100	100.0	76808	PASS
96	95	5	9	7.0	5392	PASS
173	174	0.00	2	1.9	1161	PASS
174	95	50	100	80.3	61643	PASS
175	174	5	9	7.6	4704	PASS
176	174	95	101	98.8	60933	PASS
177	176	5	9	6.6	4042	PASS

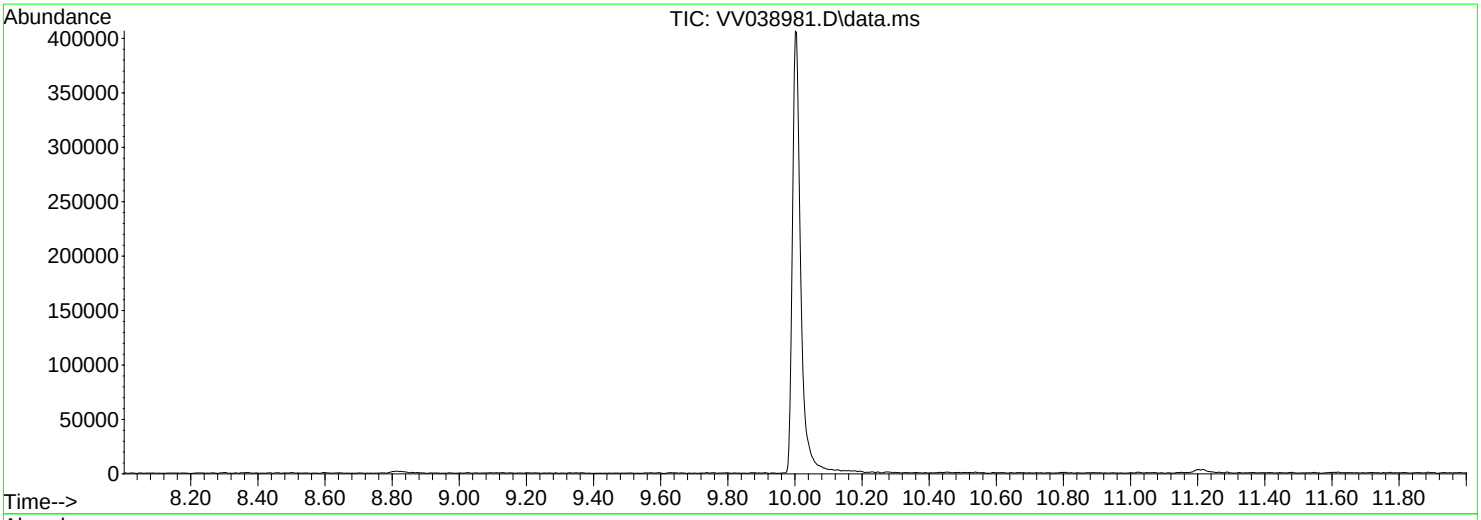
Sample Results: **VV038981.D**

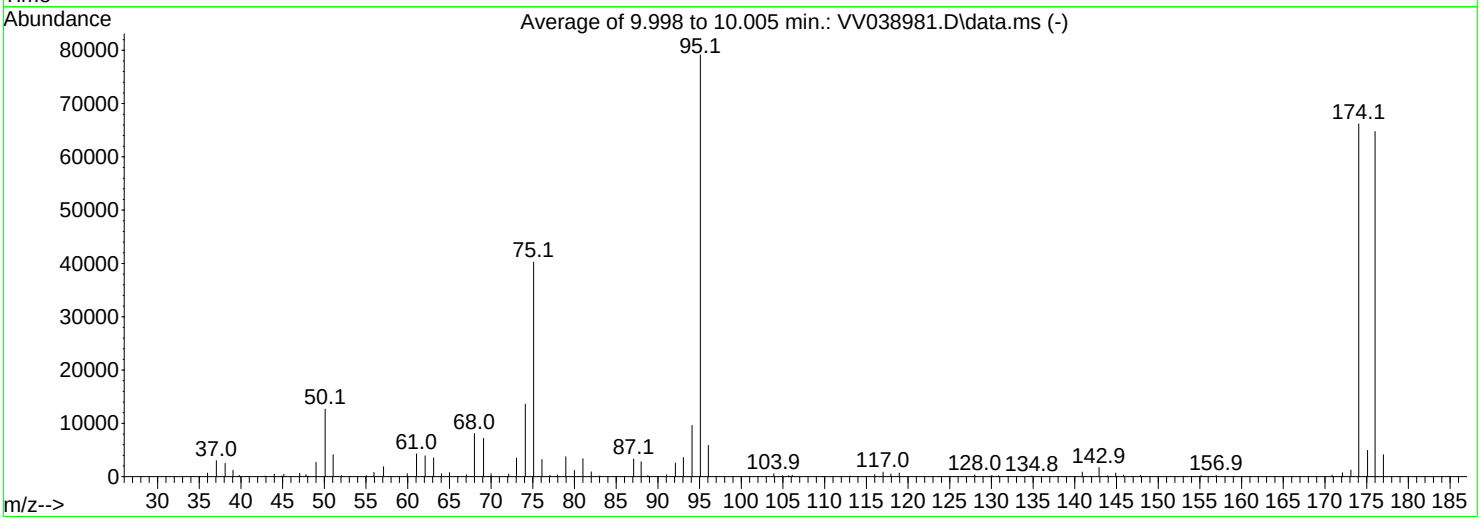
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038981.D
Acq On : 21 Aug 2025 15:11
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 04:15:04 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	16.0	12677	PASS
75	95	30	60	50.9	40256	PASS
95	95	100	100	100.0	79139	PASS
96	95	5	9	7.4	5845	PASS
173	174	0.00	2	1.8	1222	PASS
174	95	50	100	83.7	66211	PASS
175	174	5	9	7.4	4925	PASS
176	174	95	101	97.8	64765	PASS
177	176	5	9	6.4	4126	PASS

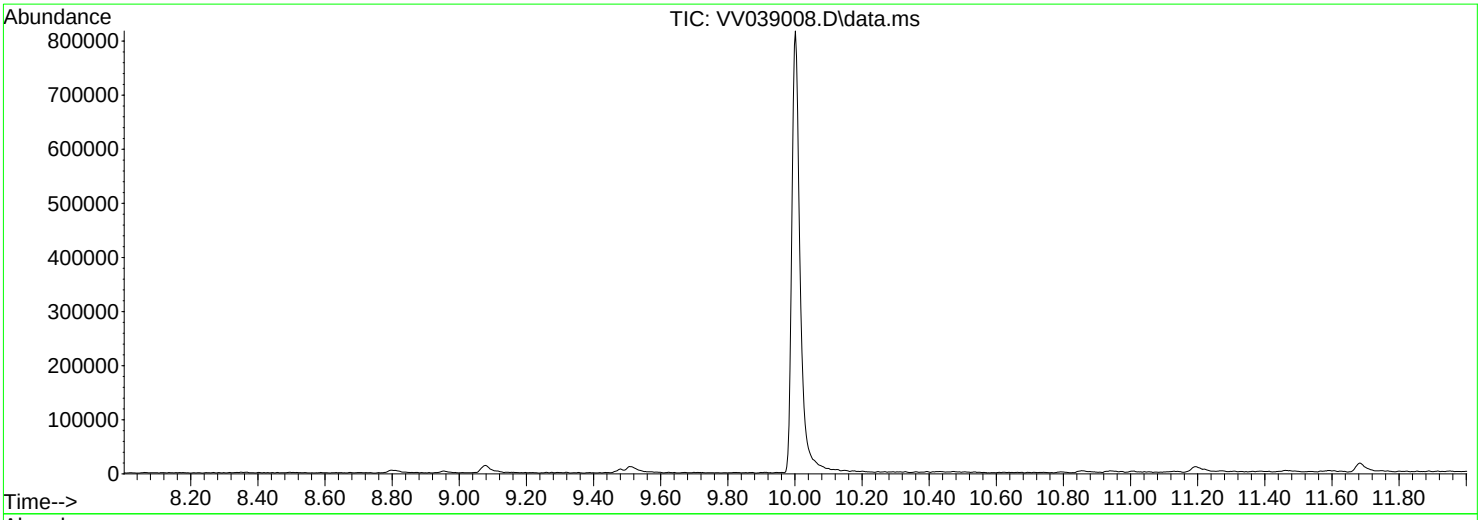
Sample Results: **VV039008.D**

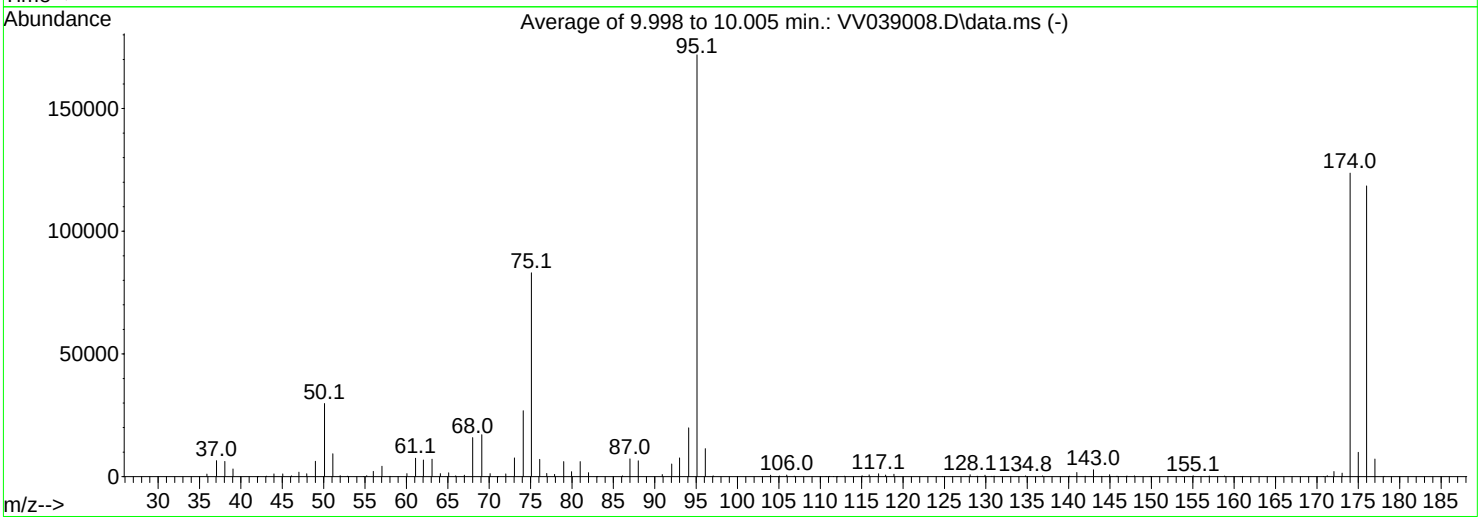
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039008.D
Acq On : 22 Aug 2025 07:56
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 04:15:04 2025





AutoFind: Scans 2786, 2787, 2788; 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	17.3	29773	PASS
75	95	30	60	48.3	83061	PASS
95	95	100	100	100.0	171883	PASS
96	95	5	9	6.6	11417	PASS
173	174	0.00	2	1.1	1416	PASS
174	95	50	100	72.0	123715	PASS
175	174	5	9	8.0	9904	PASS
176	174	95	101	95.8	118488	PASS
177	176	5	9	6.1	7173	PASS

Raw Data: **VV038984.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	
Client Sample ID:	VV0821WBL01	SDG No.:	Q2929
Lab Sample ID:	VV0821WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038984.D	1	08/21/25 16:34	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	43.8		75 - 124	88%	SPK: 50
2037-26-5	Toluene-d8	43.4		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.3		77 - 121	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	503000	4.6			
540-36-3	1,4-Difluorobenzene	837000	5.532			
3114-55-4	Chlorobenzene-d5	730000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	318000	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

Sample Results: **VV038984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038984.D
Acq On : 21 Aug 2025 16:34
Operator : SY/MD
Sample : VV0821WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBL01

Quant Time: Aug 22 04:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

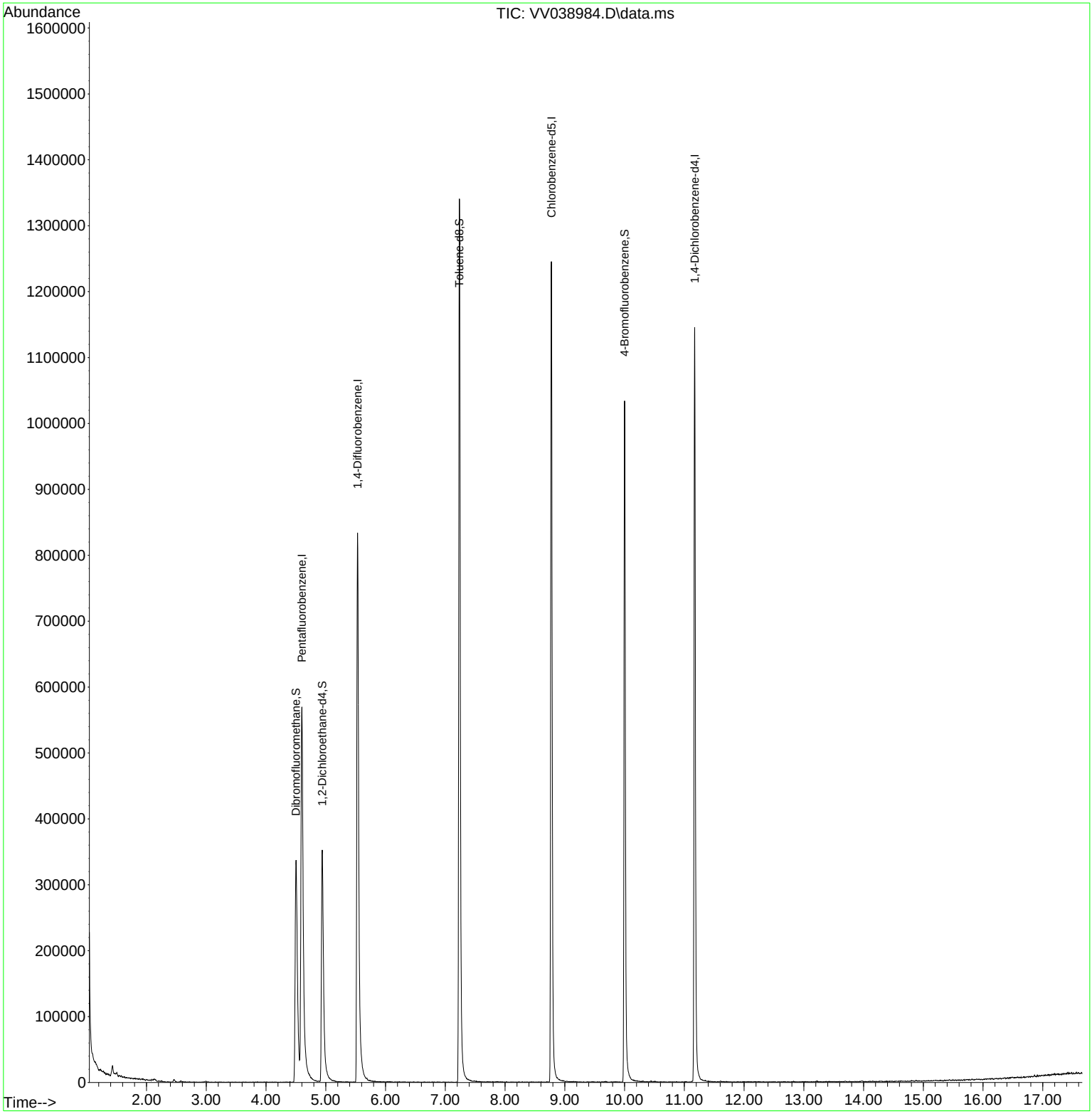
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	502511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	836910	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	730493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	318475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	339699	48.177	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 96.360%			
35) Dibromofluoromethane	4.503	113	274834	43.789	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 87.580%			
50) Toluene-d8	7.236	98	950290	43.420	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 86.840%#			
62) 4-Bromofluorobenzene	10.001	95	338753	42.310	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 84.620%#			
Target Compounds						Qvalue

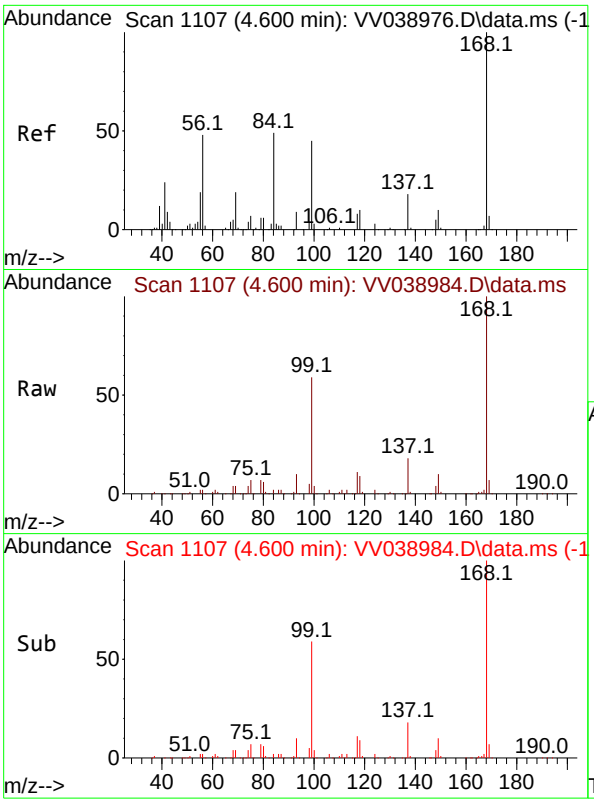
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038984.D
Acq On : 21 Aug 2025 16:34
Operator : SY/MD
Sample : VV0821WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBL01

Quant Time: Aug 22 04:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



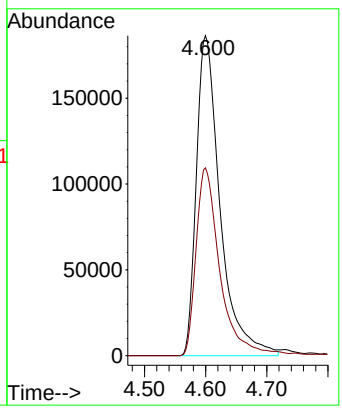


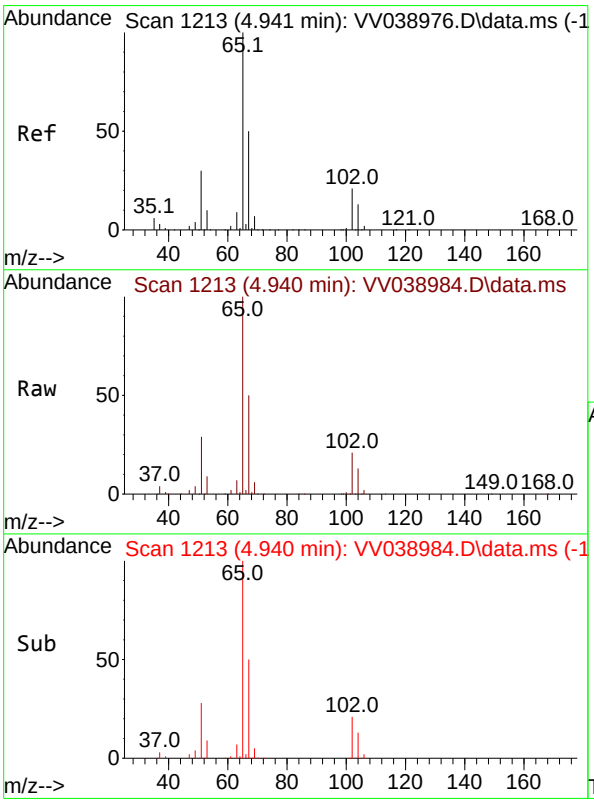
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBL01

Tgt Ion:168 Resp: 502511

Ion	Ratio	Lower	Upper
168	100		
99	58.7	47.0	70.6

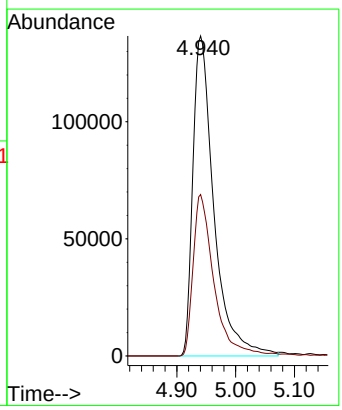


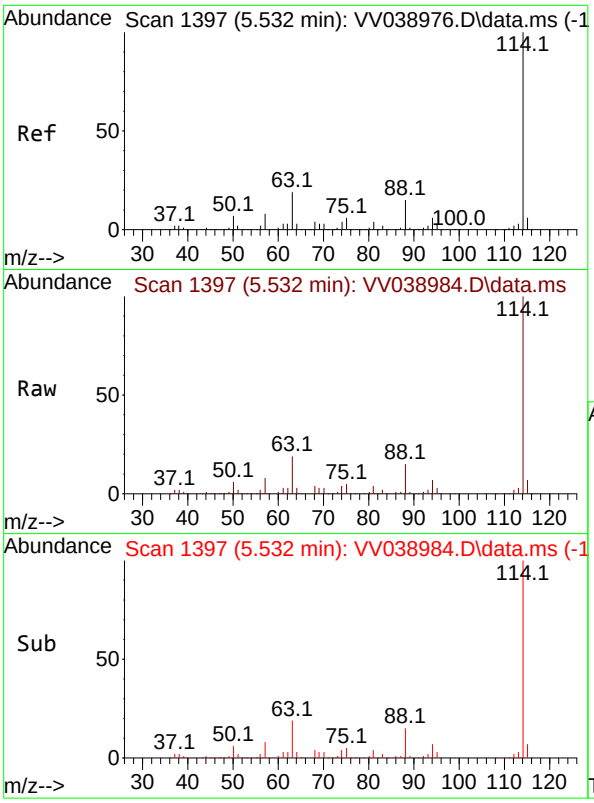


#33
1,2-Dichloroethane-d4
Concen: 48.177 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Tgt Ion: 65 Resp: 339699

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	100.4



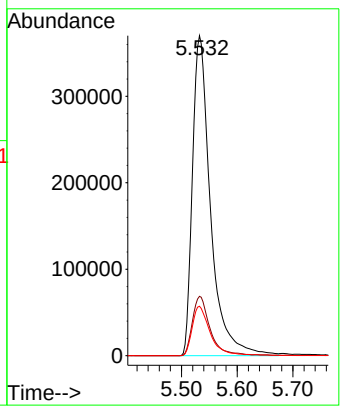


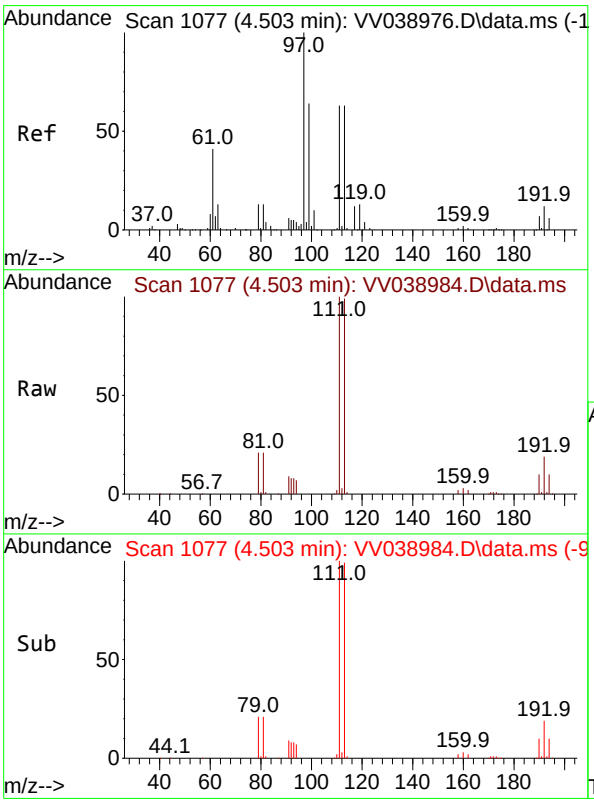
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBL01

Tgt Ion:114 Resp: 836910

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.4
88	15.4	0.0	30.4

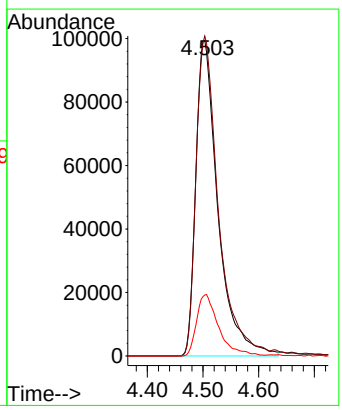


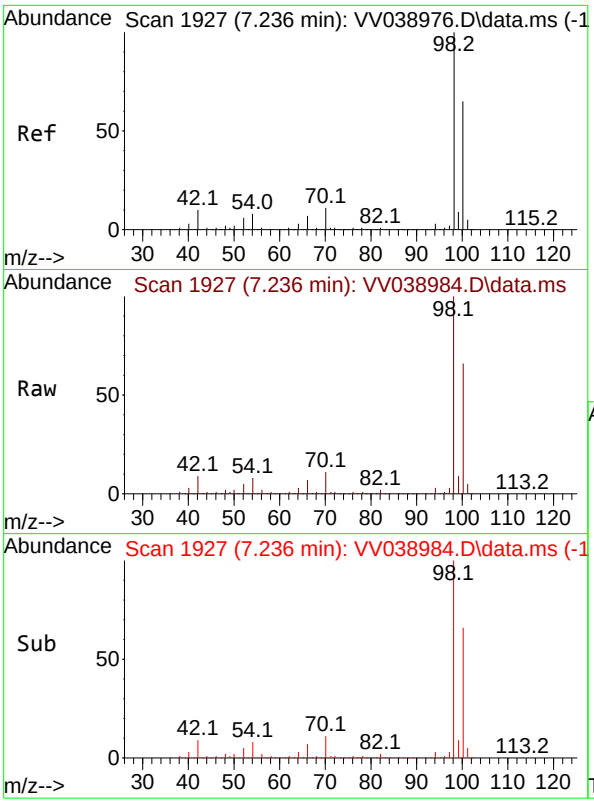


#35
Dibromofluoromethane
Concen: 43.789 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Tgt Ion:113 Resp: 274834

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	19.4	15.4	23.0



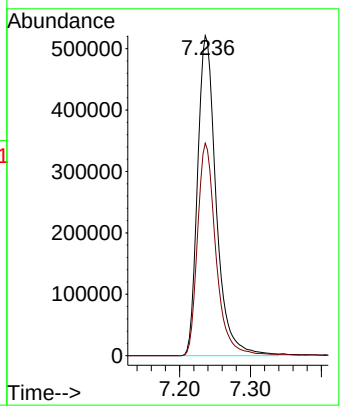


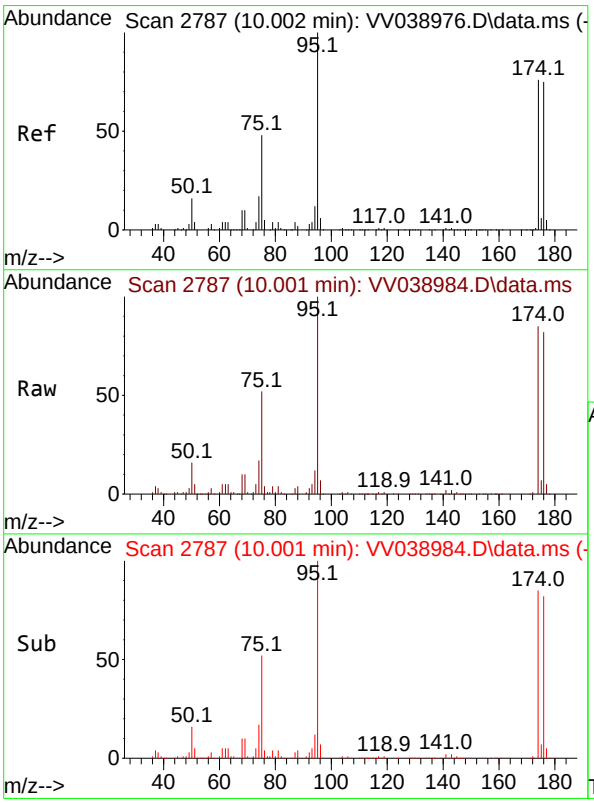
#50
Toluene-d8
Concen: 43.420 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBL01

Tgt Ion: 98 Resp: 950290

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2

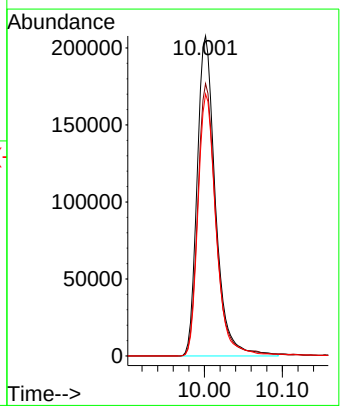


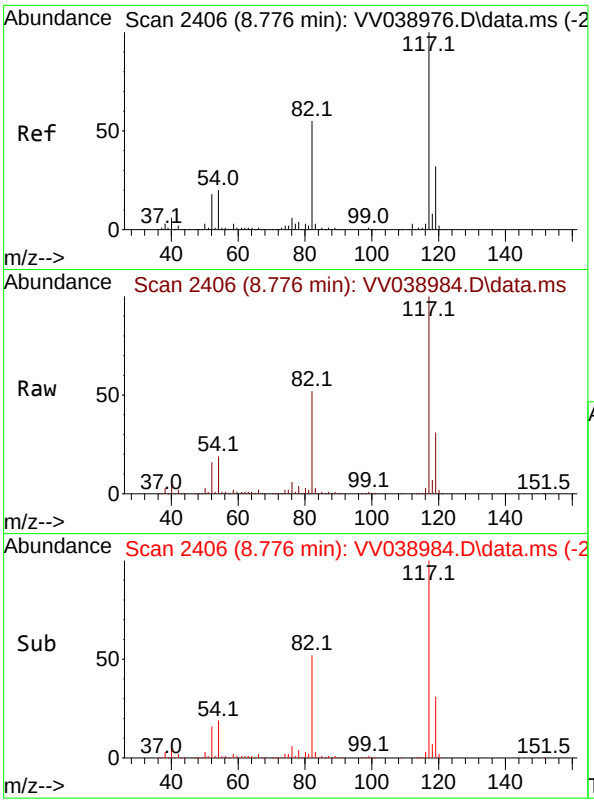


#62
4-Bromofluorobenzene
Concen: 42.310 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Tgt Ion: 95 Resp: 338753

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	154.4
176	81.1	0.0	148.6



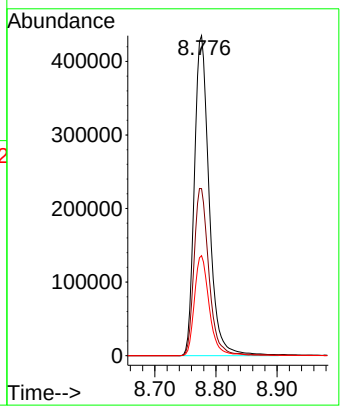


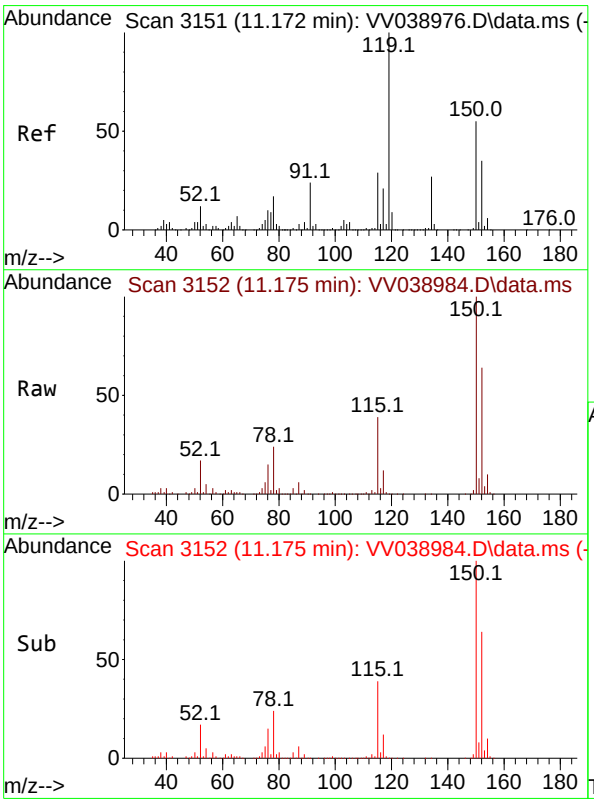
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBL01

Tgt Ion:117 Resp: 730493

Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.4	66.6
119	31.2	26.0	39.0

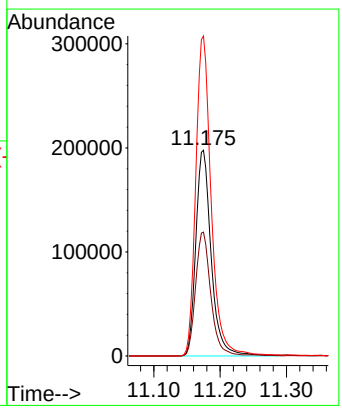




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038984.D
Acq: 21 Aug 2025 16:34

Tgt Ion:152 Resp: 318475

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.5	127.5
150	156.2	0.0	344.8



Raw Data: **VV039010.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	
Client Sample ID:	VV0822WBL01	SDG No.:	Q2929
Lab Sample ID:	VV0822WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039010.D	1	08/22/25 10:55	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.0		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	530000	4.603			
540-36-3	1,4-Difluorobenzene	1080000	5.532			
3114-55-4	Chlorobenzene-d5	992000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	417000	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\VV082225\
Data File : VV039010.D
Acq On : 22 Aug 2025 10:55
Operator : SY/MD
Sample : VV0822WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBL01

Quant Time: Aug 25 02:19:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	530331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1082642	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	991839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	416909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	446395	59.988	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 119.980%#			
35) Dibromofluoromethane	4.503	113	384731	47.385	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.760%			
50) Toluene-d8	7.236	98	1349261	47.656	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.320%			
62) 4-Bromofluorobenzene	10.001	95	510781	49.316	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 98.640%			

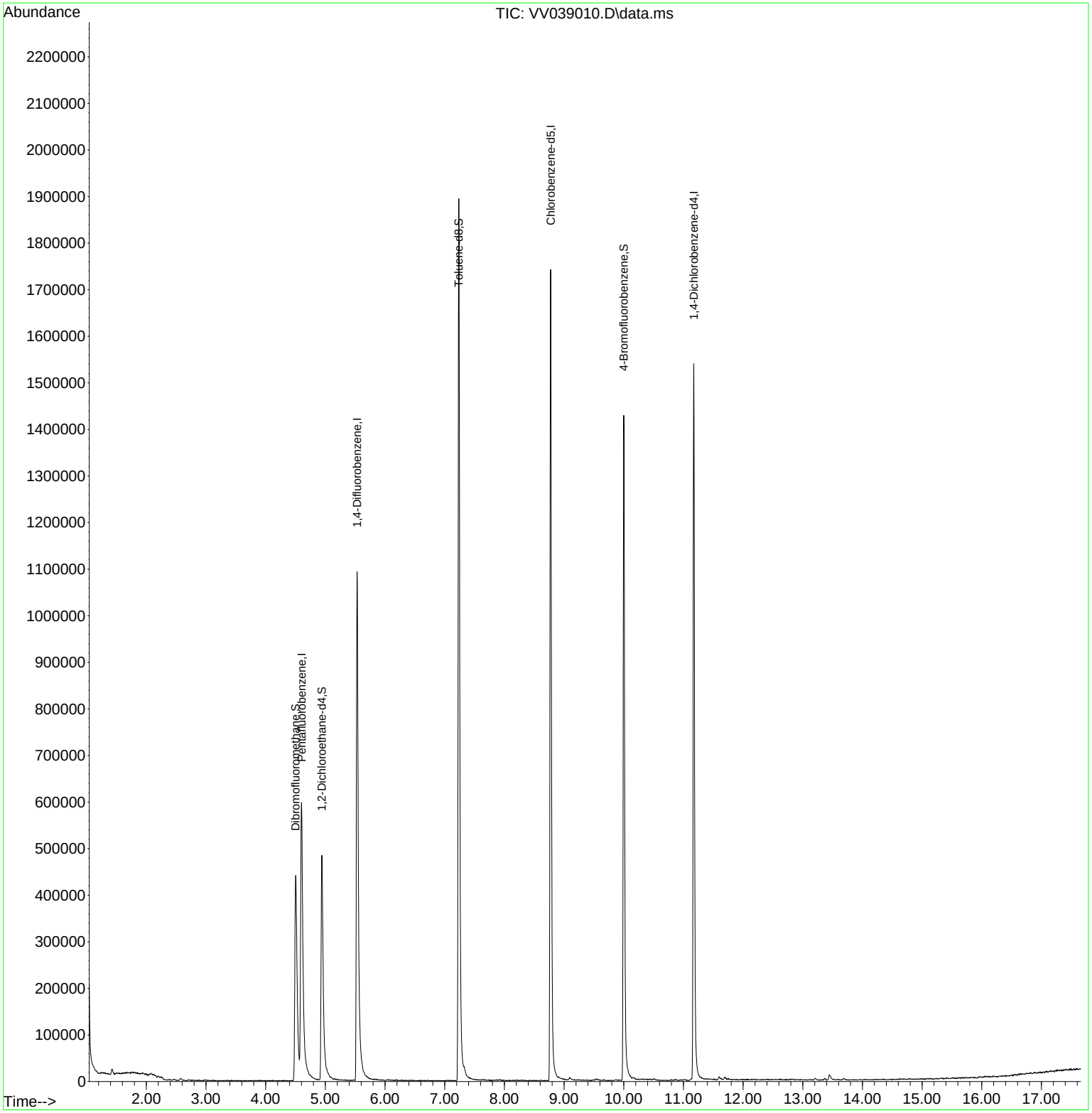
Target Compounds Qvalue

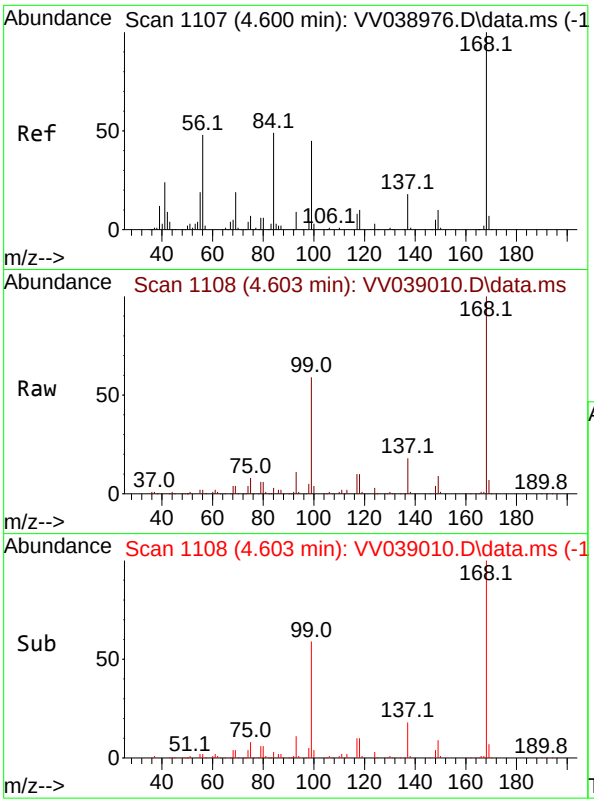
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039010.D
Acq On : 22 Aug 2025 10:55
Operator : SY/MD
Sample : VV0822WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBL01

Quant Time: Aug 25 02:19:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



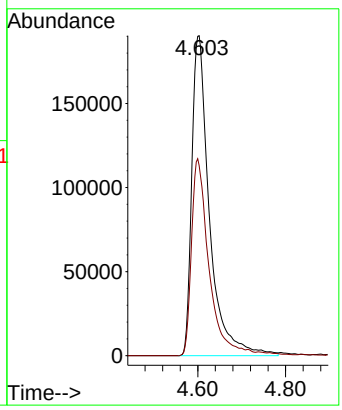


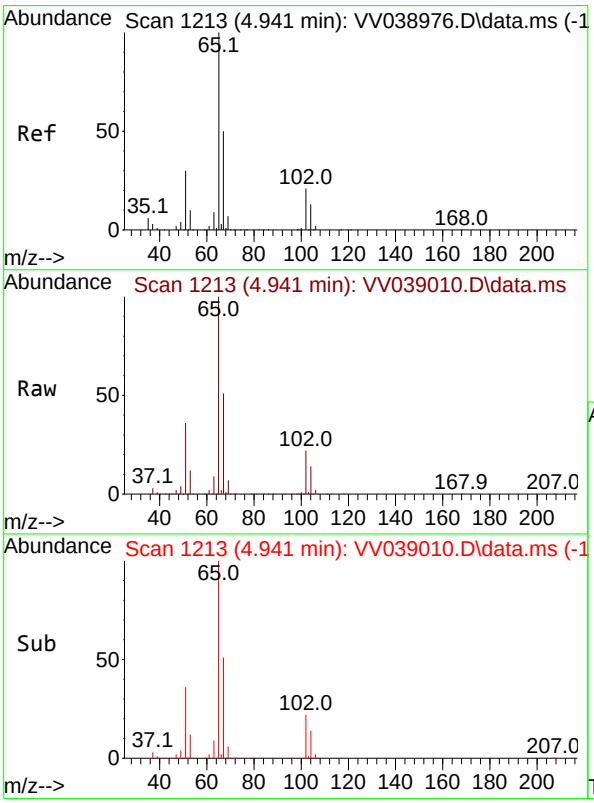
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBL01

Tgt Ion:168 Resp: 530331

Ion	Ratio	Lower	Upper
168	100		
99	59.4	47.0	70.6

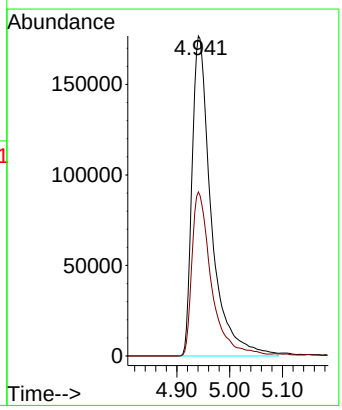


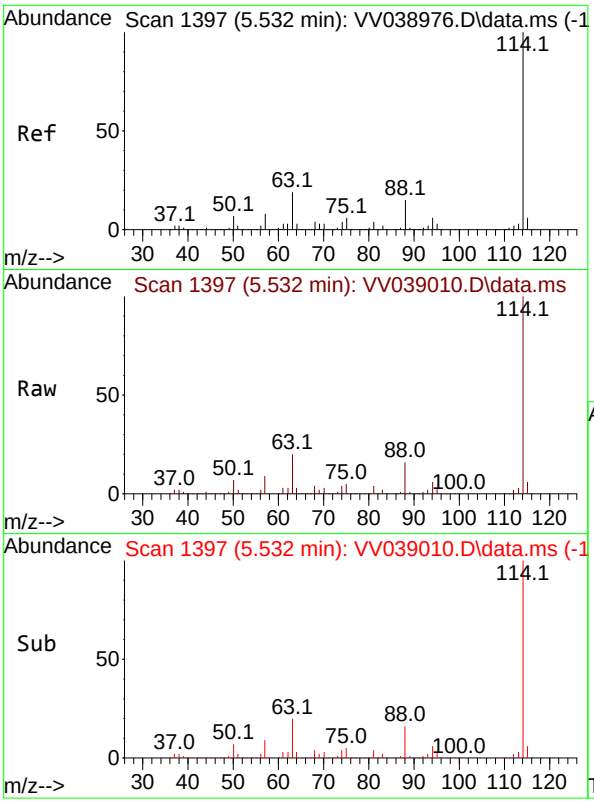


#33
1,2-Dichloroethane-d4
Concen: 59.988 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Tgt Ion: 65 Resp: 446395

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.4



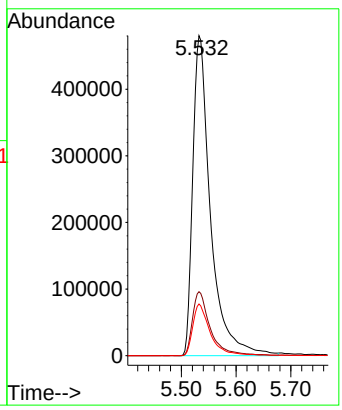


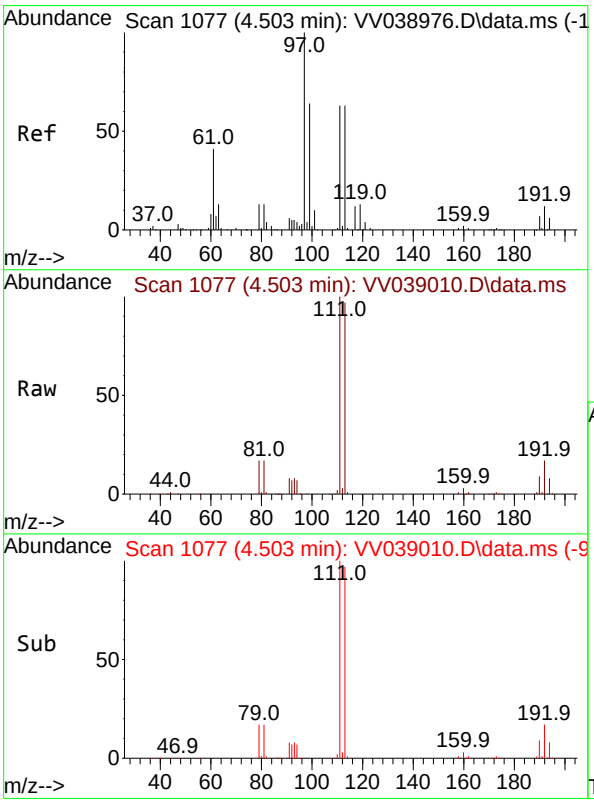
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBL01

Tgt Ion:114 Resp: 1082642

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.4
88	16.1	0.0	30.4

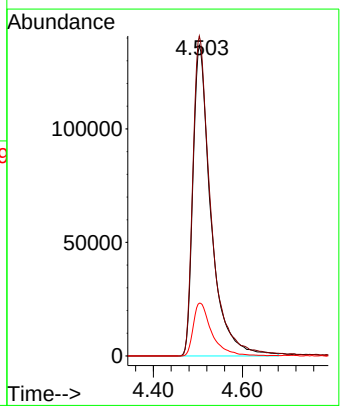


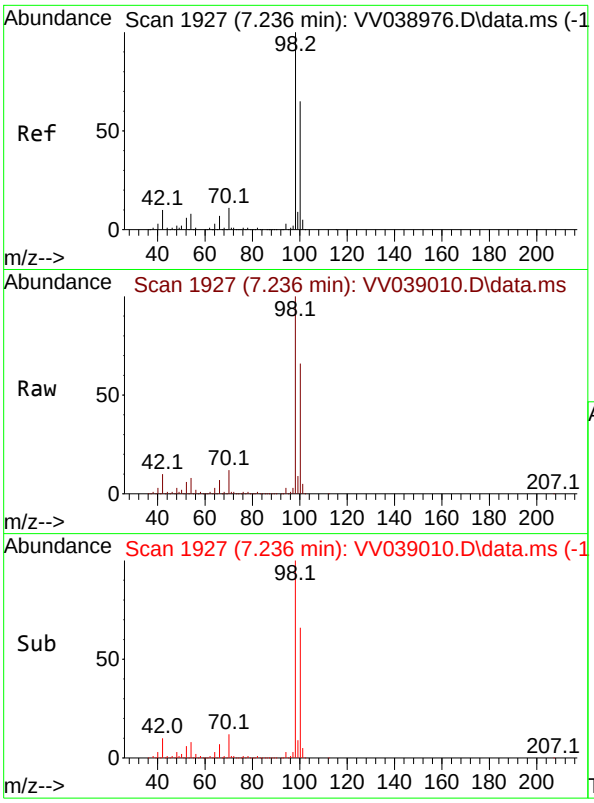


#35
Dibromofluoromethane
Concen: 47.385 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Tgt Ion:113 Resp: 384731

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	17.4	15.4	23.0



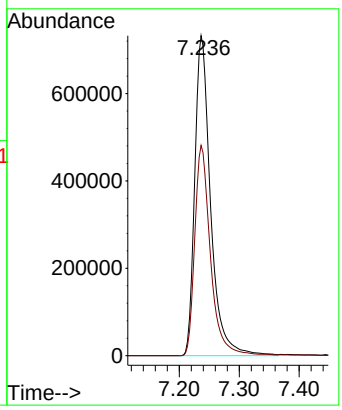


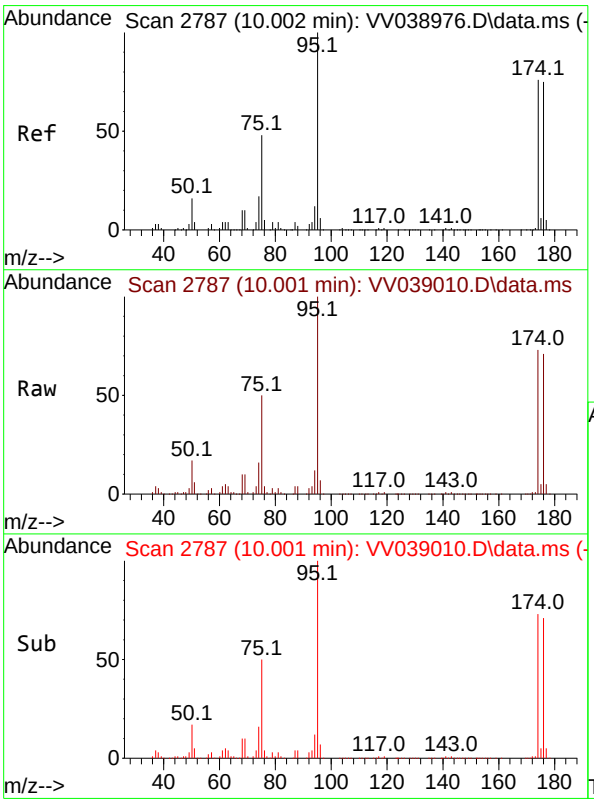
#50
Toluene-d8
Concen: 47.656 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBL01

Tgt Ion: 98 Resp: 1349261

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2

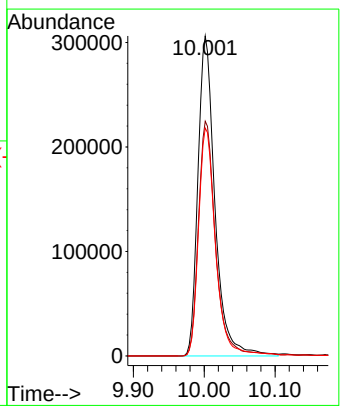


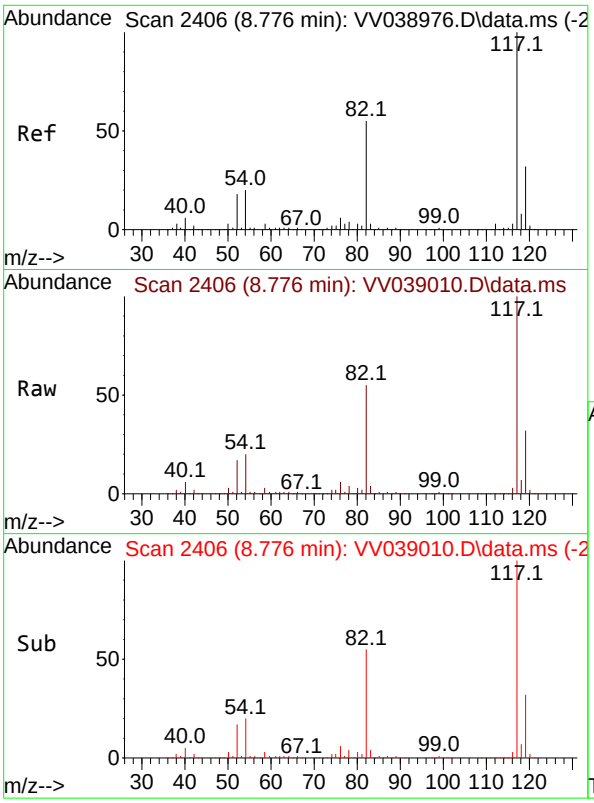


#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Tgt Ion: 95 Resp: 510781

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	154.4
176	71.5	0.0	148.6



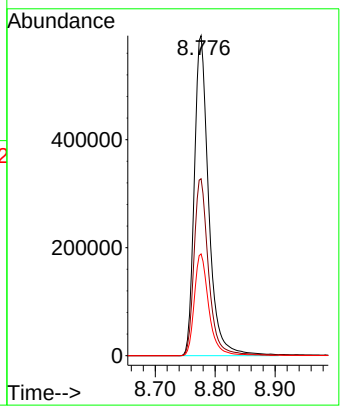


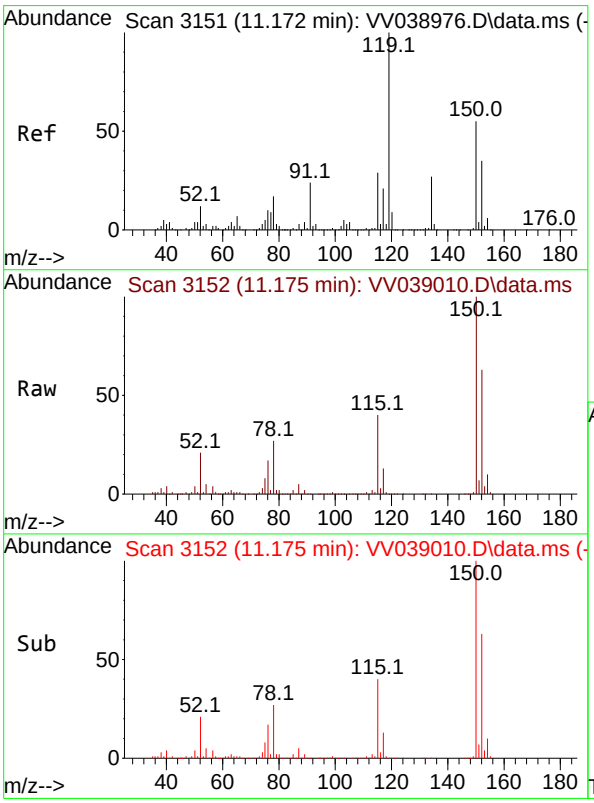
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBL01

Tgt Ion:117 Resp: 991839

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.4	66.6
119	31.8	26.0	39.0

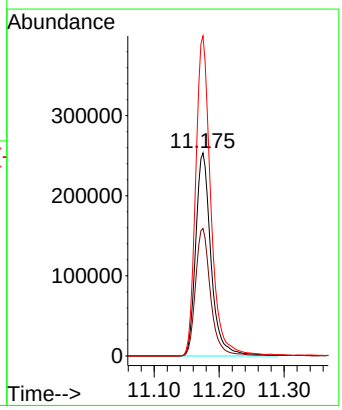




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039010.D
Acq: 22 Aug 2025 10:55

Tgt Ion:152 Resp: 416909

Ion	Ratio	Lower	Upper
152	100		
115	62.1	42.5	127.5
150	155.2	0.0	344.8



Raw Data: **VV038985.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	
Client Sample ID:	VV0821WBS01	SDG No.:	Q2929
Lab Sample ID:	VV0821WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038985.D	1	08/21/25 17:09	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.019		0.00015	0.0010	mg/L
108-88-3	Toluene	0.019		0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.019		0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.036		0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.020		0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	490000	4.597			
540-36-3	1,4-Difluorobenzene	864000	5.529			
3114-55-4	Chlorobenzene-d5	809000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	440000	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\VV082125\
Data File : VV038985.D
Acq On : 21 Aug 2025 17:09
Operator : SY/MD
Sample : VV0821WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBS01

Quant Time: Aug 22 04:32:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	490499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	863998	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	809489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	439751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	378198	54.950	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.900%			
35) Dibromofluoromethane	4.500	113	289989	44.755	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 89.500%			
50) Toluene-d8	7.233	98	1120711	49.601	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	10.001	95	403171	48.777	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	126862	17.302	ug/l	99
3) Chloromethane	1.230	50	119286	15.750	ug/l	100
4) Vinyl Chloride	1.298	62	127570	15.963	ug/l	97
5) Bromomethane	1.497	94	82207	19.034	ug/l	94
6) Chloroethane	1.561	64	78834	19.359	ug/l	95
7) Trichlorofluoromethane	1.725	101	207921	18.992	ug/l	97
8) Diethyl Ether	1.918	74	67135	19.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	112416	18.602	ug/l	98
10) Methyl Iodide	2.195	142	153006	20.351	ug/l	97
11) Tert butyl alcohol	2.561	59	104440	112.116	ug/l	99
12) 1,1-Dichloroethene	2.082	96	106621	19.153	ug/l	98
13) Acrolein	2.011	56	34904	105.069	ug/l	99
14) Allyl chloride	2.355	41	145620	19.592	ug/l	96
15) Acrylonitrile	2.674	53	281151	99.869	ug/l	98
16) Acetone	2.118	43	259902	94.087	ug/l	99
17) Carbon Disulfide	2.253	76	297924	19.242	ug/l	100
18) Methyl Acetate	2.381	43	120330	20.552	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	333812	20.280	ug/l	97
20) Methylene Chloride	2.455	84	120112	18.711	ug/l	95
21) trans-1,2-Dichloroethene	2.703	96	109755	18.929	ug/l	99
22) Diisopropyl ether	3.211	45	305126	18.698	ug/l	91
23) Vinyl Acetate	3.188	43	1225637	93.602	ug/l	97
24) 1,1-Dichloroethane	3.118	63	192803	17.836	ug/l	99
25) 2-Butanone	3.863	43	338988	94.317	ug/l	99
26) 2,2-Dichloropropane	3.812	77	176923	17.061	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	124971	17.858	ug/l	97
28) Bromochloromethane	4.150	49	38443	15.980	ug/l	94
29) Tetrahydrofuran	4.230	42	233606	97.368	ug/l	94
30) Chloroform	4.278	83	223556	18.097	ug/l	100
31) Cyclohexane	4.584	56	175605	18.207	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	204070	17.584	ug/l	97
36) 1,1-Dichloropropene	4.744	75	147297	17.505	ug/l	99
37) Ethyl Acetate	3.976	43	131474	15.992	ug/l	94
38) Carbon Tetrachloride	4.735	117	185761	16.485	ug/l	94
39) Methylcyclohexane	6.047	83	201515	18.742	ug/l	94
40) Benzene	5.008	78	506623	19.222	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038985.D
Acq On : 21 Aug 2025 17:09
Operator : SY/MD
Sample : VV0821WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBS01

Quant Time: Aug 22 04:32:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.162	41	52385	16.909	ug/l		96
42) 1,2-Dichloroethane	5.040	62	177582	18.430	ug/l		100
43) Isopropyl Acetate	5.191	43	246073	19.616	ug/l		96
44) Trichloroethene	5.834	130	129020	18.047	ug/l		96
45) 1,2-Dichloropropane	6.088	63	122779	19.424	ug/l		97
46) Dibromomethane	6.227	93	93037	17.542	ug/l		97
47) Bromodichloromethane	6.426	83	195577	18.119	ug/l		100
48) Methyl methacrylate	6.297	41	111903	19.900	ug/l		94
49) 1,4-Dioxane	6.291	88	41073	436.826	ug/l		98
51) 4-Methyl-2-Pentanone	7.146	43	883916	107.313	ug/l		97
52) Toluene	7.307	92	323065	19.355	ug/l		99
53) t-1,3-Dichloropropene	7.574	75	180247	17.863	ug/l		99
54) cis-1,3-Dichloropropene	6.947	75	203555	19.469	ug/l		98
55) 1,1,2-Trichloroethane	7.760	97	128045	17.594	ug/l		98
56) Ethyl methacrylate	7.715	69	167296	16.176	ug/l		99
57) 1,3-Dichloropropane	7.934	76	206105	18.162	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.809	63	458173	94.808	ug/l		96
59) 2-Hexanone	8.063	43	638602	82.678	ug/l		98
60) Dibromochloromethane	8.166	129	150787	17.159	ug/l		97
61) 1,2-Dibromoethane	8.275	107	138439	18.335	ug/l		99
64) Tetrachloroethene	7.895	164	112260	18.638	ug/l		99
65) Chlorobenzene	8.805	112	351260	17.997	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.899	131	129238	18.446	ug/l		98
67) Ethyl Benzene	8.937	91	568699	19.087	ug/l		99
68) m/p-Xylenes	9.063	106	421252	36.403	ug/l		100
69) o-Xylene	9.468	106	206223	19.553	ug/l		98
70) Styrene	9.487	104	368409	20.360	ug/l		100
71) Bromoform	9.654	173	107247	18.578	ug/l	#	99
73) Isopropylbenzene	9.857	105	582248	19.732	ug/l		100
74) N-amyl acetate	9.725	43	213401	19.739	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	209056	17.839	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	153953	18.874	ug/l		98
77) Bromobenzene	10.143	156	144042	18.999	ug/l		99
78) n-propylbenzene	10.278	91	693650	19.688	ug/l		99
79) 2-Chlorotoluene	10.349	91	422932	19.993	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	494427	19.910	ug/l		98
81) trans-1,4-Dichloro-2-b...	9.931	75	69104	19.451	ug/l		98
82) 4-Chlorotoluene	10.464	91	484923	19.889	ug/l		100
83) tert-Butylbenzene	10.789	119	478883	19.421	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	485595	20.434	ug/l		99
85) sec-Butylbenzene	11.011	105	630180	19.651	ug/l		99
86) p-Isopropyltoluene	11.169	119	538824	19.952	ug/l		99
87) 1,3-Dichlorobenzene	11.108	146	278315	18.590	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	299436	18.750	ug/l		99
89) n-Butylbenzene	11.580	91	483857	18.390	ug/l		99
90) Hexachloroethane	11.821	117	112062	17.955	ug/l		98
91) 1,2-Dichlorobenzene	11.567	146	265789	18.619	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	43564	19.113	ug/l		97
93) 1,2,4-Trichlorobenzene	13.185	180	145129	17.037	ug/l		99
94) Hexachlorobutadiene	13.368	225	71734	16.334	ug/l		98
95) Naphthalene	13.426	128	473656	17.619	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	158178	18.415	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038985.D
Acq On : 21 Aug 2025 17:09
Operator : SY/MD
Sample : VV0821WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBS01

Quant Time: Aug 22 04:32:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

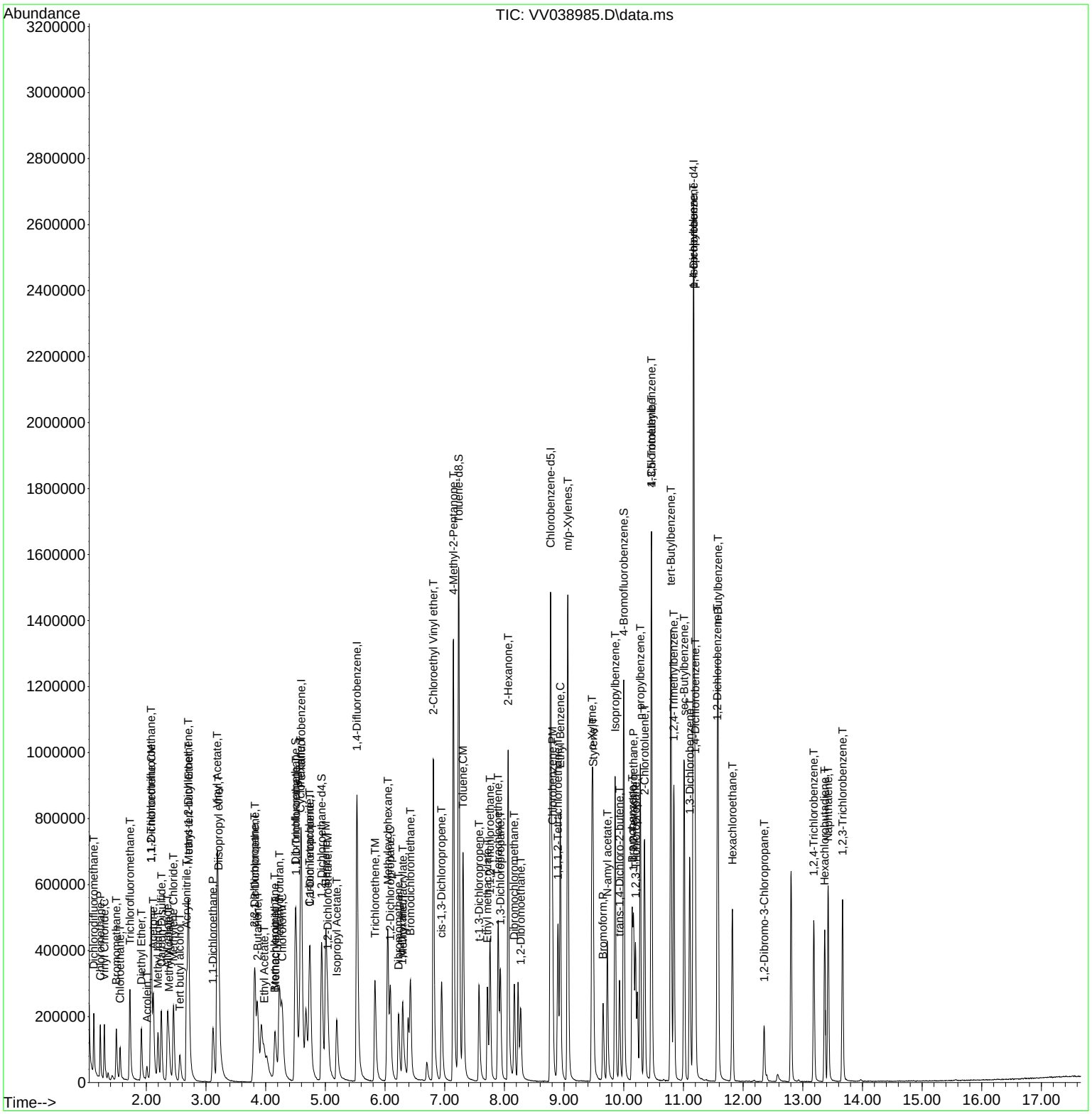
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038985.D
Acq On : 21 Aug 2025 17:09
Operator : SY/MD
Sample : VV0821WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBS01

Quant Time: Aug 22 04:32:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



Raw Data: **VV039011.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	
Client Sample ID:	VV0822WBS01	SDG No.:	Q2929
Lab Sample ID:	VV0822WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039011.D	1	08/22/25 11:22	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.019		0.00015	0.0010	mg/L
108-88-3	Toluene	0.020		0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.021		0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.041		0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.021		0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	46.3		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	711000	4.6			
540-36-3	1,4-Difluorobenzene	1220000	5.532			
3114-55-4	Chlorobenzene-d5	1110000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	587000	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\VV082225\
Data File : VV039011.D
Acq On : 22 Aug 2025 11:22
Operator : SY/MD
Sample : VV0822WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

Quant Time: Aug 25 02:20:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	711068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1223613	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1111109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	587275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	483673	48.476	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 96.960%			
35) Dibromofluoromethane	4.500	113	422239	46.013	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 92.020%			
50) Toluene-d8	7.233	98	1481838	46.309	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.620%			
62) 4-Bromofluorobenzene	10.001	95	567460	48.476	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	169776	15.972	ug/l	97
3) Chloromethane	1.230	50	172603	15.720	ug/l	99
4) Vinyl Chloride	1.297	62	193558	16.707	ug/l	100
5) Bromomethane	1.497	94	120281	19.211	ug/l	100
6) Chloroethane	1.561	64	125697	21.292	ug/l	99
7) Trichlorofluoromethane	1.725	101	297228	18.728	ug/l	99
8) Diethyl Ether	1.918	74	112981	23.148	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.079	101	176458	20.142	ug/l	93
10) Methyl Iodide	2.198	142	153289	14.064	ug/l	95
11) Tert butyl alcohol	2.564	59	178290	132.025	ug/l	98
12) 1,1-Dichloroethene	2.082	96	174867	21.668	ug/l	91
13) Acrolein	2.008	56	58001	123.317	ug/l	94
14) Allyl chloride	2.359	41	291036	27.010	ug/l	89
15) Acrylonitrile	2.674	53	503757	123.435	ug/l	99
16) Acetone	2.117	43	487976	121.856	ug/l	100
17) Carbon Disulfide	2.252	76	498125	22.192	ug/l	100
18) Methyl Acetate	2.381	43	227939	26.855	ug/l	93
19) Methyl tert-butyl Ether	2.709	73	563864	23.630	ug/l	95
20) Methylene Chloride	2.458	84	192590	20.695	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	182719	21.738	ug/l	96
22) Diisopropyl ether	3.211	45	563676	23.827	ug/l	87
23) Vinyl Acetate	3.188	43	2299864	121.158	ug/l	96
24) 1,1-Dichloroethane	3.121	63	325550	20.774	ug/l	98
25) 2-Butanone	3.863	43	626272	120.198	ug/l	97
26) 2,2-Dichloropropane	3.809	77	288865	19.216	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	212380	20.934	ug/l	97
28) Bromochloromethane	4.146	49	82546	25.098	ug/l	81
29) Tetrahydrofuran	4.233	42	420322	120.849	ug/l	90
30) Chloroform	4.278	83	342387	19.119	ug/l	96
31) Cyclohexane	4.584	56	298623	21.358	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	298314	17.731	ug/l	98
36) 1,1-Dichloropropene	4.747	75	225102	18.889	ug/l	96
37) Ethyl Acetate	3.976	43	246414	21.163	ug/l	96
38) Carbon Tetrachloride	4.735	117	256830	16.093	ug/l	99
39) Methylcyclohexane	6.046	83	301335	19.789	ug/l	96
40) Benzene	5.011	78	723728	19.390	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039011.D
Acq On : 22 Aug 2025 11:22
Operator : SY/MD
Sample : VV0822WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

Quant Time: Aug 25 02:20:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.162	41	95640	21.798	ug/l	#	95
42) 1,2-Dichloroethane	5.040	62	238424	17.472	ug/l		97
43) Isopropyl Acetate	5.191	43	383313	21.576	ug/l		96
44) Trichloroethene	5.834	130	178522	17.632	ug/l		91
45) 1,2-Dichloropropane	6.088	63	174907	19.539	ug/l		99
46) Dibromomethane	6.227	93	132040	17.579	ug/l		96
47) Bromodichloromethane	6.426	83	269457	17.627	ug/l		99
48) Methyl methacrylate	6.297	41	173885	21.834	ug/l		92
49) 1,4-Dioxane	6.291	88	64079	481.212	ug/l		99
51) 4-Methyl-2-Pentanone	7.146	43	1295308	111.041	ug/l		97
52) Toluene	7.307	92	464422	19.646	ug/l		98
53) t-1,3-Dichloropropene	7.577	75	268515	18.789	ug/l		99
54) cis-1,3-Dichloropropene	6.947	75	297722	20.107	ug/l		97
55) 1,1,2-Trichloroethane	7.760	97	181577	17.617	ug/l		99
56) Ethyl methacrylate	7.715	69	259746	17.539	ug/l		97
57) 1,3-Dichloropropane	7.934	76	300100	18.672	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.809	63	728562	105.659	ug/l		94
59) 2-Hexanone	8.062	43	939591	85.593	ug/l		100
60) Dibromochloromethane	8.165	129	208554	16.757	ug/l		100
61) 1,2-Dibromoethane	8.275	107	195674	18.299	ug/l		100
64) Tetrachloroethene	7.899	164	151467	18.320	ug/l		98
65) Chlorobenzene	8.805	112	504227	18.822	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.898	131	177471	18.454	ug/l		98
67) Ethyl Benzene	8.937	91	845777	20.681	ug/l		100
68) m/p-Xylenes	9.062	106	650761	40.971	ug/l		99
69) o-Xylene	9.468	106	301415	20.820	ug/l		97
70) Styrene	9.487	104	531727	21.408	ug/l		100
71) Bromoform	9.654	173	140378	17.716	ug/l	#	97
73) Isopropylbenzene	9.857	105	848803	21.539	ug/l		100
74) N-amyl acetate	9.725	43	328035	22.720	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290305	18.549	ug/l		98
76) 1,2,3-Trichloropropane	10.197	75	215047	19.741	ug/l		97
77) Bromobenzene	10.143	156	199933	19.746	ug/l		97
78) n-propylbenzene	10.278	91	994866	21.144	ug/l		100
79) 2-Chlorotoluene	10.349	91	596013	21.098	ug/l		98
80) 1,3,5-Trimethylbenzene	10.464	105	705518	21.274	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.931	75	95539	20.136	ug/l		97
82) 4-Chlorotoluene	10.464	91	689787	21.185	ug/l		99
83) tert-Butylbenzene	10.789	119	710863	21.587	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	715608	22.548	ug/l		98
85) sec-Butylbenzene	11.011	105	945306	22.073	ug/l		99
86) p-Isopropyltoluene	11.168	119	771372	21.388	ug/l		100
87) 1,3-Dichlorobenzene	11.107	146	391168	19.565	ug/l		99
88) 1,4-Dichlorobenzene	11.197	146	399628	18.738	ug/l		98
89) n-Butylbenzene	11.580	91	730918	20.801	ug/l		99
90) Hexachloroethane	11.821	117	149961	17.991	ug/l		93
91) 1,2-Dichlorobenzene	11.567	146	370771	19.449	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	64378	21.150	ug/l		88
93) 1,2,4-Trichlorobenzene	13.184	180	226476	19.908	ug/l		99
94) Hexachlorobutadiene	13.371	225	101272	17.268	ug/l		98
95) Naphthalene	13.426	128	788574	21.965	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	227696	19.850	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039011.D
Acq On : 22 Aug 2025 11:22
Operator : SY/MD
Sample : VV0822WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

Quant Time: Aug 25 02:20:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

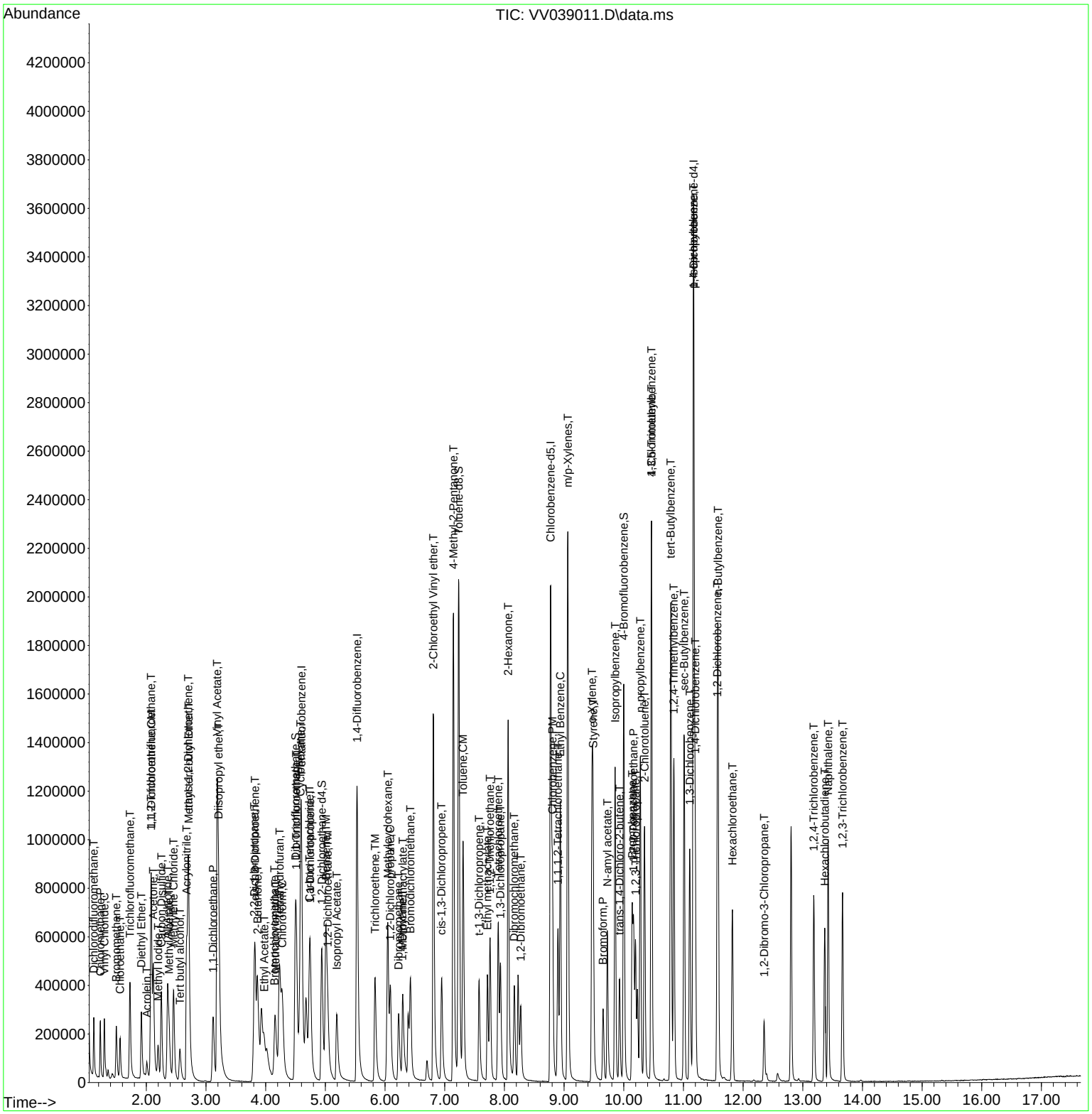
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039011.D
Acq On : 22 Aug 2025 11:22
Operator : SY/MD
Sample : VV0822WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

Quant Time: Aug 25 02:20:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



Raw Data: **VV038986.D**

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	
Project:	AEC-2025-0013- 500 Sterling Ave - Schenectady NY	Date Received:	
Client Sample ID:	VV0821WBSD01	SDG No.:	Q2929
Lab Sample ID:	VV0821WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038986.D	1	08/21/25 17:30	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.020		0.00015	0.0010	mg/L
108-88-3	Toluene	0.020		0.00014	0.0010	mg/L
100-41-4	Ethyl Benzene	0.020		0.00013	0.0010	mg/L
179601-23-1	m/p-Xylenes	0.042		0.00024	0.0020	mg/L
95-47-6	o-Xylene	0.021		0.00012	0.0010	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	485000	4.6			
540-36-3	1,4-Difluorobenzene	811000	5.532			
3114-55-4	Chlorobenzene-d5	760000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	414000	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\VV082125\
Data File : VV038986.D
Acq On : 21 Aug 2025 17:30
Operator : SY/MD
Sample : VV0821WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBSD01

Quant Time: Aug 22 04:33:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	484688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	811429	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	760113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	414371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	348406	51.229	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 102.460%			
35) Dibromofluoromethane	4.503	113	299437	49.207	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.420%			
50) Toluene-d8	7.236	98	1038226	48.927	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	10.001	95	380040	48.957	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	129284	17.843	ug/l	99
3) Chloromethane	1.227	50	134516	17.973	ug/l	97
4) Vinyl Chloride	1.294	62	144324	18.276	ug/l	99
5) Bromomethane	1.497	94	82466	19.323	ug/l	93
6) Chloroethane	1.561	64	76591	19.033	ug/l	95
7) Trichlorofluoromethane	1.725	101	198661	18.363	ug/l	100
8) Diethyl Ether	1.918	74	62989	18.933	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	104100	17.433	ug/l	98
10) Methyl Iodide	2.195	142	143568	19.324	ug/l	98
11) Tert butyl alcohol	2.564	59	100539	109.223	ug/l	97
12) 1,1-Dichloroethene	2.082	96	101714	18.491	ug/l	96
13) Acrolein	2.008	56	33633	101.967	ug/l	99
14) Allyl chloride	2.359	41	138354	18.838	ug/l	97
15) Acrylonitrile	2.674	53	284328	102.208	ug/l	99
16) Acetone	2.118	43	251239	92.041	ug/l	98
17) Carbon Disulfide	2.253	76	279496	18.268	ug/l	100
18) Methyl Acetate	2.381	43	118850	20.542	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	336343	20.678	ug/l	100
20) Methylene Chloride	2.458	84	111198	17.530	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	108816	18.992	ug/l	99
22) Diisopropyl ether	3.214	45	306886	19.031	ug/l	92
23) Vinyl Acetate	3.191	43	1264706	97.744	ug/l	99
24) 1,1-Dichloroethane	3.121	63	192402	18.012	ug/l	98
25) 2-Butanone	3.867	43	432465	121.768	ug/l	97
26) 2,2-Dichloropropane	3.815	77	199439	19.463	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	141887	20.518	ug/l	96
28) Bromochloromethane	4.150	49	43842	18.973	ug/l	91
29) Tetrahydrofuran	4.233	42	284325	119.929	ug/l	91
30) Chloroform	4.281	83	247192	20.251	ug/l	99
31) Cyclohexane	4.587	56	196088	20.575	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	220064	19.189	ug/l	99
36) 1,1-Dichloropropene	4.748	75	155981	19.737	ug/l	95
37) Ethyl Acetate	3.979	43	166024	21.502	ug/l	95
38) Carbon Tetrachloride	4.738	117	190841	18.033	ug/l	100
39) Methylcyclohexane	6.047	83	193000	19.113	ug/l	94
40) Benzene	5.015	78	494339	19.971	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038986.D
Acq On : 21 Aug 2025 17:30
Operator : SY/MD
Sample : VV0821WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBSD01

Quant Time: Aug 22 04:33:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.169	41	68265	23.463	ug/l		94
42) 1,2-Dichloroethane	5.043	62	175431	19.387	ug/l		99
43) Isopropyl Acetate	5.195	43	253009	21.475	ug/l		97
44) Trichloroethene	5.834	130	127969	19.060	ug/l		98
45) 1,2-Dichloropropane	6.092	63	123824	20.859	ug/l		96
46) Dibromomethane	6.230	93	96227	19.318	ug/l		94
47) Bromodichloromethane	6.429	83	192054	18.945	ug/l		96
48) Methyl methacrylate	6.301	41	110496	20.923	ug/l		96
49) 1,4-Dioxane	6.291	88	40268	456.010	ug/l		92
51) 4-Methyl-2-Pentanone	7.146	43	900583	116.420	ug/l		97
52) Toluene	7.310	92	318800	20.337	ug/l		100
53) t-1,3-Dichloropropene	7.577	75	183850	19.400	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	199956	20.364	ug/l		98
55) 1,1,2-Trichloroethane	7.760	97	127276	18.621	ug/l		96
56) Ethyl methacrylate	7.715	69	173607	17.661	ug/l		99
57) 1,3-Dichloropropane	7.934	76	207333	19.454	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.812	63	474511	103.890	ug/l		96
59) 2-Hexanone	8.063	43	647810	88.693	ug/l		98
60) Dibromochloromethane	8.169	129	155630	18.857	ug/l		99
61) 1,2-Dibromoethane	8.275	107	138444	19.524	ug/l		99
64) Tetrachloroethene	7.899	164	111119	19.646	ug/l		96
65) Chlorobenzene	8.805	112	347626	18.968	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.899	131	129075	19.619	ug/l		98
67) Ethyl Benzene	8.937	91	555564	19.857	ug/l		99
68) m/p-Xylenes	9.063	106	453688	41.753	ug/l		100
69) o-Xylene	9.468	106	203023	20.500	ug/l		99
70) Styrene	9.487	104	362488	21.334	ug/l		99
71) Bromoform	9.657	173	103934	19.174	ug/l	#	99
73) Isopropylbenzene	9.857	105	571982	20.571	ug/l		99
74) N-amyl acetate	9.725	43	219302	21.527	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.165	83	210122	19.028	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	150658	19.602	ug/l		99
77) Bromobenzene	10.143	156	141414	19.795	ug/l		99
78) n-propylbenzene	10.278	91	679753	20.476	ug/l		99
79) 2-Chlorotoluene	10.349	91	409262	20.532	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	487343	20.827	ug/l		98
81) trans-1,4-Dichloro-2-b...	9.931	75	67887	20.278	ug/l		94
82) 4-Chlorotoluene	10.464	91	480299	20.906	ug/l		99
83) tert-Butylbenzene	10.789	119	474017	20.401	ug/l		100
84) 1,2,4-Trimethylbenzene	10.841	105	483599	21.596	ug/l		100
85) sec-Butylbenzene	11.014	105	631791	20.908	ug/l		100
86) p-Isopropyltoluene	11.169	119	529335	20.801	ug/l		100
87) 1,3-Dichlorobenzene	11.108	146	279572	19.818	ug/l		100
88) 1,4-Dichlorobenzene	11.198	146	290749	19.322	ug/l		100
89) n-Butylbenzene	11.580	91	480113	19.365	ug/l		98
90) Hexachloroethane	11.821	117	109748	18.661	ug/l		98
91) 1,2-Dichlorobenzene	11.567	146	262560	19.519	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	36968	17.213	ug/l		97
93) 1,2,4-Trichlorobenzene	13.185	180	142290	17.726	ug/l		99
94) Hexachlorobutadiene	13.371	225	69497	16.794	ug/l		99
95) Naphthalene	13.426	128	467573	18.458	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	148001	18.286	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038986.D
Acq On : 21 Aug 2025 17:30
Operator : SY/MD
Sample : VV0821WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBSD01

Quant Time: Aug 22 04:33:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

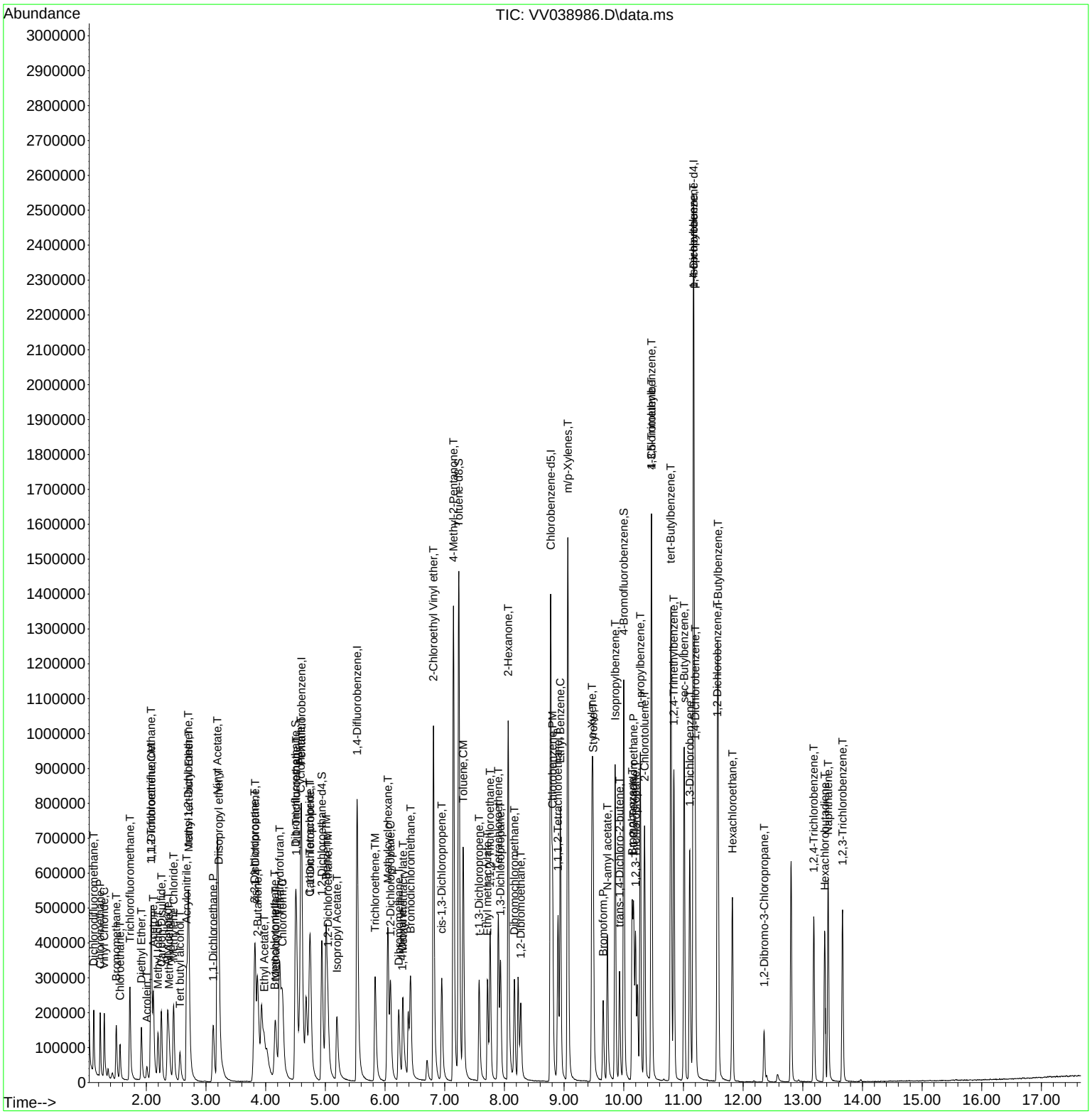
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038986.D
Acq On : 21 Aug 2025 17:30
Operator : SY/MD
Sample : VV0821WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0821WBSD01

Quant Time: Aug 22 04:33:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	VV082125	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VV038973.D	1,1-Dichloropropene	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	1,2-Dichloroethane	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	1,4-Dichlorobenzene	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	1,4-Dioxane	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	2-Butanone	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Acrylonitrile	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Bromochloromethane	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Bromoform	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Chloroethane	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	cis-1,2-Dichloroethene	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Diisopropyl ether	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Ethyl Acetate	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Isopropyl Acetate	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VV082125	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VV038973.D	Methacrylonitrile	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Methyl Acetate	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Methyl methacrylate	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	N-amyl acetate	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Styrene	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	t-1,3-Dichloropropene	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Tetrahydrofuran	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC001	VV038973.D	Vinyl Acetate	JOHN	8/22/2025 2:48:55 PM	MMDadoda	8/25/2025 1:27:47 PM	Peak Integrated by Software
VSTDICC005	VV038974.D	Chloroethane	JOHN	8/22/2025 2:49:00 PM	MMDadoda	8/25/2025 1:27:48 PM	Peak Integrated by Software
VSTDICC005	VV038974.D	Ethyl Acetate	JOHN	8/22/2025 2:49:00 PM	MMDadoda	8/25/2025 1:27:48 PM	Peak Integrated by Software
VSTDICC005	VV038974.D	Methacrylonitrile	JOHN	8/22/2025 2:49:00 PM	MMDadoda	8/25/2025 1:27:48 PM	Peak Integrated by Software
VSTDICC100	VV038977.D	1,2,3-Trichloropropane	JOHN	8/22/2025 2:49:04 PM	MMDadoda	8/25/2025 1:27:50 PM	Peak Integrated by Software
VSTDICV050	VV038980.D	1,4-Dioxane	JOHN	8/22/2025 2:49:09 PM	MMDadoda	8/25/2025 1:27:53 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VV082125	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

Manual Integration Report

Sequence:	VV082225	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 # VV082125

Review By	John Carlone	Review On	8/22/2025 2:49:52 PM				
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 1:28:31 PM				
SubDirectory	VV082125	HP Acquire Method	MSVOA_V		HP Processing Method	82v082125w.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135223
Initial Calibration Stds	VP135224,VP135225,VP135226,VP135227,VP135228,VP135229
CCC	VP135232,VP135233
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135230
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV038972.D	21 Aug 2025 08:34	SY/MD	Ok
2	VSTDICC001	VV038973.D	21 Aug 2025 09:05	SY/MD	Ok,M
3	VSTDICC005	VV038974.D	21 Aug 2025 09:48	SY/MD	Ok,M
4	VSTDICC020	VV038975.D	21 Aug 2025 10:17	SY/MD	Ok
5	VSTDICCC050	VV038976.D	21 Aug 2025 10:38	SY/MD	Ok
6	VSTDICC100	VV038977.D	21 Aug 2025 11:02	SY/MD	Ok,M
7	VIBLK	VV038978.D	21 Aug 2025 11:23	SY/MD	Ok
8	VSTDICC010	VV038979.D	21 Aug 2025 11:45	SY/MD	Ok
9	VSTDICV050	VV038980.D	21 Aug 2025 12:56	SY/MD	Ok,M
10	BFB	VV038981.D	21 Aug 2025 15:11	SY/MD	Ok
11	VSTDCCC050	VV038982.D	21 Aug 2025 15:42	SY/MD	Ok
12	VV0821MBL01	VV038983.D	21 Aug 2025 16:12	SY/MD	Not Ok
13	VV0821WBL01	VV038984.D	21 Aug 2025 16:34	SY/MD	Ok
14	VV0821WBS01	VV038985.D	21 Aug 2025 17:09	SY/MD	Ok
15	VV0821WBSD01	VV038986.D	21 Aug 2025 17:30	SY/MD	Ok
16	Q2929-01	VV038987.D	21 Aug 2025 17:52	SY/MD	Ok
17	Q2929-02	VV038988.D	21 Aug 2025 18:14	SY/MD	Ok
18	Q2929-03	VV038989.D	21 Aug 2025 18:35	SY/MD	ReRun
19	Q2929-04	VV038990.D	21 Aug 2025 18:57	SY/MD	Ok
20	Q2930-01	VV038991.D	21 Aug 2025 19:18	SY/MD	Ok
21	Q2930-02	VV038992.D	21 Aug 2025 19:40	SY/MD	Ok

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 # VV082125

Review By	John Carlone	Review On	8/22/2025 2:49:52 PM				
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 1:28:31 PM				
SubDirectory	VV082125	HP Acquire Method	MSVOA_V	HP Processing Method	82v082125w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135223
Initial Calibration Stds	VP135224,VP135225,VP135226,VP135227,VP135228,VP135229
CCC	VP135232,VP135233
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135230
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2931-01	VV038993.D	21 Aug 2025 20:02	SY/MD	Ok
23	Q2925-01	VV038994.D	21 Aug 2025 20:23	SY/MD	Ok
24	Q2924-12	VV038995.D	21 Aug 2025 20:45	SY/MD	Ok
25	Q2924-11	VV038996.D	21 Aug 2025 21:06	SY/MD	Ok
26	Q2924-01	VV038997.D	21 Aug 2025 21:28	SY/MD	Ok
27	Q2924-05	VV038998.D	21 Aug 2025 21:49	SY/MD	Dilution
28	Q2924-06	VV038999.D	21 Aug 2025 22:11	SY/MD	Ok
29	Q2924-07	VV039000.D	21 Aug 2025 22:33	SY/MD	Ok
30	Q2924-08	VV039001.D	21 Aug 2025 22:54	SY/MD	Ok
31	Q2924-09	VV039002.D	21 Aug 2025 23:16	SY/MD	Ok
32	Q2924-10	VV039003.D	21 Aug 2025 23:37	SY/MD	Ok
33	Q2924-02	VV039004.D	21 Aug 2025 23:59	SY/MD	Dilution
34	Q2924-03MS	VV039005.D	22 Aug 2025 00:20	SY/MD	Ok,M
35	Q2924-04MSD	VV039006.D	22 Aug 2025 00:42	SY/MD	Ok,M
36	VSTDCCC050	VV039007.D	22 Aug 2025 01:03	SY/MD	Ok

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 # VV082225

Review By	Mahesh Dadoda	Review On	8/25/2025 7:23:51 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	8/25/2025 7:25:10 PM				
SubDirectory	VV082225	HP Acquire Method	MSVOA_V	HP Processing Method	82v082125w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135222
Initial Calibration Stds	
CCC	VP135238,VP135239
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039008.D	22 Aug 2025 07:56	SY/MD	Ok
2	VSTDCCC050	VV039009.D	22 Aug 2025 09:03	SY/MD	Ok
3	VV0822WBL01	VV039010.D	22 Aug 2025 10:55	SY/MD	Ok
4	VV0822WBS01	VV039011.D	22 Aug 2025 11:22	SY/MD	Ok
5	VV0822WBSD01	VV039012.D	22 Aug 2025 11:46	SY/MD	Ok
6	Q2929-03	VV039013.D	22 Aug 2025 13:26	SY/MD	Ok
7	Q2924-05DL	VV039014.D	22 Aug 2025 13:48	SY/MD	Dilution
8	Q2924-02DL	VV039015.D	22 Aug 2025 14:10	SY/MD	Dilution
9	VIBLK	VV039016.D	22 Aug 2025 14:31	SY/MD	Ok
10	Q2924-05DL2	VV039017.D	22 Aug 2025 15:06	SY/MD	Ok
11	Q2924-02DL2	VV039018.D	22 Aug 2025 15:27	SY/MD	Ok
12	VSTDCCC050	VV039019.D	22 Aug 2025 15:49	SY/MD	Ok

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 # VV082125

Review By	John Carlone	Review On	8/22/2025 2:49:52 PM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 1:28:31 PM		
SubDirectory	VV082125	HP Acquire Method	MSVOA_V	HP Processing Method	82v082125w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135223
Initial Calibration Stds	VP135224,VP135225,VP135226,VP135227,VP135228,VP135229
CCC	VP135232,VP135233
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135230
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV038972.D	21 Aug 2025 08:34		SY/MD	Ok
2	VSTDICC001	VSTDICC001	VV038973.D	21 Aug 2025 09:05		SY/MD	Ok,M
3	VSTDICC005	VSTDICC005	VV038974.D	21 Aug 2025 09:48		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VV038975.D	21 Aug 2025 10:17		SY/MD	Ok
5	VSTDICCC050	VSTDICCC050	VV038976.D	21 Aug 2025 10:38	LR-13 and QR-28,56,58,59	SY/MD	Ok
6	VSTDICC100	VSTDICC100	VV038977.D	21 Aug 2025 11:02		SY/MD	Ok,M
7	VIBLK	VIBLK	VV038978.D	21 Aug 2025 11:23		SY/MD	Ok
8	VSTDICC010	VSTDICC010	VV038979.D	21 Aug 2025 11:45		SY/MD	Ok
9	VSTDICV050	ICVVV082125	VV038980.D	21 Aug 2025 12:56		SY/MD	Ok,M
10	BFB	BFB	VV038981.D	21 Aug 2025 15:11		SY/MD	Ok
11	VSTDCCC050	VSTDCCC050	VV038982.D	21 Aug 2025 15:42	#pH#v13516	SY/MD	Ok
12	VV0821MBL01	VV0821MBL01	VV038983.D	21 Aug 2025 16:12	Internal Standard Fail	SY/MD	Not Ok
13	VV0821WBL01	VV0821WBL01	VV038984.D	21 Aug 2025 16:34		SY/MD	Ok
14	VV0821WBS01	VV0821WBS01	VV038985.D	21 Aug 2025 17:09		SY/MD	Ok
15	VV0821WBSD01	VV0821WBSD01	VV038986.D	21 Aug 2025 17:30		SY/MD	Ok
16	Q2929-01	DA3-SW2	VV038987.D	21 Aug 2025 17:52	pH#1.0 A	SY/MD	Ok
17	Q2929-02	DA5-SW3	VV038988.D	21 Aug 2025 18:14	pH#1.0 A	SY/MD	Ok
18	Q2929-03	DA5-SW4	VV038989.D	21 Aug 2025 18:35	pH#1.0 A Surrogate fail	SY/MD	ReRun

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 # VV082125

Review By	John Carlone	Review On	8/22/2025 2:49:52 PM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 1:28:31 PM		
SubDirectory	VV082125	HP Acquire Method	MSVOA_V	HP Processing Method	82v082125w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135223
Initial Calibration Stds	VP135224,VP135225,VP135226,VP135227,VP135228,VP135229
CCC	VP135232,VP135233
Internal Standard/PEM	VP133935
ICV/I.BLK	VP135230
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2929-04	DA6-SW5	VV038990.D	21 Aug 2025 18:57	pH#1.0 A	SY/MD	Ok
20	Q2930-01	DA1-1	VV038991.D	21 Aug 2025 19:18	pH#1.0 A	SY/MD	Ok
21	Q2930-02	DA1-2	VV038992.D	21 Aug 2025 19:40	pH#1.0 A	SY/MD	Ok
22	Q2931-01	DA1-1	VV038993.D	21 Aug 2025 20:02	pH#1.0 A	SY/MD	Ok
23	Q2925-01	OUTFALL-2	VV038994.D	21 Aug 2025 20:23	pH#1.0 A	SY/MD	Ok
24	Q2924-12	TB	VV038995.D	21 Aug 2025 20:45	pH#1.0 A TB	SY/MD	Ok
25	Q2924-11	FB-01-082025	VV038996.D	21 Aug 2025 21:06	pH#1.0 A FB	SY/MD	Ok
26	Q2924-01	MW-10C-082025	VV038997.D	21 Aug 2025 21:28	pH#1.0 A	SY/MD	Ok
27	Q2924-05	MW-2B-082025	VV038998.D	21 Aug 2025 21:49	pH#1.0 A Need 20X	SY/MD	Dilution
28	Q2924-06	MW-2A-082025	VV038999.D	21 Aug 2025 22:11	pH#1.0 A	SY/MD	Ok
29	Q2924-07	MW-18C-082025	VV039000.D	21 Aug 2025 22:33	pH#1.0 A	SY/MD	Ok
30	Q2924-08	MW-16A-082025	VV039001.D	21 Aug 2025 22:54	pH#1.0 A	SY/MD	Ok
31	Q2924-09	MW-16C-082025	VV039002.D	21 Aug 2025 23:16	pH#1.0 A	SY/MD	Ok
32	Q2924-10	MW-8A-082025	VV039003.D	21 Aug 2025 23:37	pH#1.0 A	SY/MD	Ok
33	Q2924-02	MW-201-082025	VV039004.D	21 Aug 2025 23:59	pH#1.0 A Need 100X	SY/MD	Dilution
34	Q2924-03MS	MW-201-082025MS	VV039005.D	22 Aug 2025 00:20	pH#1.0 A	SY/MD	Ok,M
35	Q2924-04MSD	MW-201-082025MSD	VV039006.D	22 Aug 2025 00:42	pH#1.0 A	SY/MD	Ok,M
36	VSTDCCC050	VSTDCCC050EC	VV039007.D	22 Aug 2025 01:03		SY/MD	Ok

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 # VV082225

Review By	Mahesh Dadoda	Review On	8/25/2025 7:23:51 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/25/2025 7:25:10 PM		
SubDirectory	VV082225	HP Acquire Method	MSVOA_V	HP Processing Method	82v082125w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135222
Initial Calibration Stds	
CCC	VP135238,VP135239
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039008.D	22 Aug 2025 07:56		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039009.D	22 Aug 2025 09:03		SY/MD	Ok
3	VV0822WBL01	VV0822WBL01	VV039010.D	22 Aug 2025 10:55		SY/MD	Ok
4	VV0822WBS01	VV0822WBS01	VV039011.D	22 Aug 2025 11:22		SY/MD	Ok
5	VV0822WBSD01	VV0822WBSD01	VV039012.D	22 Aug 2025 11:46		SY/MD	Ok
6	Q2929-03	DA5-SW4	VV039013.D	22 Aug 2025 13:26	pH#1.0 B	SY/MD	Ok
7	Q2924-05DL	MW-2B-082025DL	VV039014.D	22 Aug 2025 13:48	Need 100X	SY/MD	Dilution
8	Q2924-02DL	MW-201-082025DL	VV039015.D	22 Aug 2025 14:10	Need 400X	SY/MD	Dilution
9	VIBLK	VIBLK	VV039016.D	22 Aug 2025 14:31		SY/MD	Ok
10	Q2924-05DL2	MW-2B-082025DL2	VV039017.D	22 Aug 2025 15:06		SY/MD	Ok
11	Q2924-02DL2	MW-201-082025DL2	VV039018.D	22 Aug 2025 15:27		SY/MD	Ok
12	VSTDCCC050	VSTDCCC050EC	VV039019.D	22 Aug 2025 15:49		SY/MD	Ok

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: AEC-2025-0013 Q2929

COC Number:

CLIENT INFORMATION

COMPANY: Durham School ~~Services~~
ADDRESS: ~~91 Fulton Lane~~ 500 Stirling Ave.
CITY ~~White Plains~~ Schenectady STATE: ~~NY~~ ZIP:
ATTENTION: daniel.maalouf@alliancetg.com
PHONE: staci.bruce@alliancetg.com

PROJECT INFORMATION

PROJECT NAME: ~~CSG-4133 Goshen~~ 6SC4086
PROJECT #: AEC-2025-0013 LOCATION: ~~Goshen~~
PROJECT MANAGER: Schenectady
E-MAIL:
PHONE: 864-704-7984 FAX:

BILLING INFORMATION

BILL TO: candice.caviness@alliancetg.com PO# Staci Bruce
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other_____
☐ EDD Format_____

ANALYSIS

1	2	3	4	5	6	7	8	9
Total OG	TSS	Cadmium	Copper	Lead	FC	Enterococcus	VOA	COD

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	DA-3 - SW2	Liquid		X	8/20	16:20	4	1							2	1	1-VOA ACVD sodium PH 1.0 #80A044
2.	DA 5 - SW 3	↓		↓	↓	16:30	4	1							2	1	PH 1.0 #80A041
3.	DA 5 - SW 4					16:35	5	1							3	1	↓
4.	DA 6 - SW 5	↓		↓	↓	16:40	5	1							3	1	↓
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	8/21/25 11:09	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:_____
Comments: melted ICE water

Page_____of_____

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2929 ATGG01
Client Name : ATG-GREENVILLE AEC
Client Contact : Staci Bruce
Invoice Name : ATG-GREENVILLE AEC
Invoice Contact : Staci Bruce

Order Date : 8/21/2025 12:24:34 PM
Project Name : AEC-2025-0013- 500 Sterli
Receive DateTime : 8/21/2025 11:59:00 AM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2929-01	DA3-SW2	Water	08/20/2025	16:20					
					VOC-BTEX		8260-Low		10 Bus. Days
Q2929-02	DA5 ~~DA3~~-SW3	Water	08/20/2025	16:30					
					VOC-BTEX		8260-Low		10 Bus. Days
Q2929-03	DA5 ~~DA3~~-SW4	Water	08/20/2025	16:35					
					VOC-BTEX		8260-Low		10 Bus. Days
Q2929-04	DA6 ~~DA3~~-SW5	Water	08/20/2025	16:40					
					VOC-BTEX		8260-Low		10 Bus. Days

All

Stored in VOA ref #04

Relinguished By : AB
Date / Time : 8/21/25 1245

Received By : [signature]
Date / Time : 8/21/25 12:15

Storage Area : **VOA Refridgerator Room**