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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3201	**OrderDate:**	9/25/2025 10:49:00 AM
Client:	M2 Associates	**Project:**	143 Red Lion Rd Southampton Twp, NJ
Contact:	Matt Mulhall	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3201-01	**MW6**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-01DL	**MW6DL**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-02	**MW14**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-02DL	**MW14DL**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-03	**MW15**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-04	**MW10**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-05	**MW1**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-05DL	**MW1DL**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-06	**MW3**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/06/25	
Q3201-07	**FIELD-BLANK**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	
Q3201-08	**TRIP-BLANK**	**Water**			**09/24/25**			**09/25/25**
			VOCMS Group2	8260-Low			10/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3201

Client: M2 Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW6**							
Q3201-01	MW6	Water	Tert butyl alcohol	7400	E	5.50	25.0	ug/L
Q3201-01	MW6	Water	Acetone	3.20	J	1.50	5.00	ug/L
Q3201-01	MW6	Water	Methyl tert-butyl Ether	2400	E	0.16	1.00	ug/L
			Total Voc :	9800				
			Total Concentration:	9800				
Client ID:	**MW6DL**							
Q3201-01DL	MW6DL	Water	Tert butyl alcohol	5600	D	550	2500	ug/L
Q3201-01DL	MW6DL	Water	Methyl tert-butyl Ether	4100	D	16.0	100	ug/L
			Total Voc :	9700				
			Total Concentration:	9700				
Client ID:	**MW14**							
Q3201-02	MW14	Water	Tert butyl alcohol	5800	E	5.50	25.0	ug/L
Q3201-02	MW14	Water	Carbon Disulfide	0.86	J	0.21	1.00	ug/L
Q3201-02	MW14	Water	Methyl tert-butyl Ether	2300	E	0.16	1.00	ug/L
Q3201-02	MW14	Water	Benzene	31.8		0.15	1.00	ug/L
Q3201-02	MW14	Water	Isopropylbenzene	0.60	J	0.12	1.00	ug/L
			Total Voc :	8130				
			Total Concentration:	8130				
Client ID:	**MW14DL**							
Q3201-02DL	MW14DL	Water	Tert butyl alcohol	5700	D	550	2500	ug/L
Q3201-02DL	MW14DL	Water	Methyl tert-butyl Ether	5900	D	16.0	100	ug/L
Q3201-02DL	MW14DL	Water	Benzene	28.5	JD	15.0	100	ug/L
			Total Voc :	11600				
			Total Concentration:	11600				
Client ID:	**MW15**							
Q3201-03	MW15	Water	Acetone	2.80	J	1.50	5.00	ug/L
			Total Voc :	2.80				
			Total Concentration:	2.80				
Client ID:	**MW10**							
Q3201-04	MW10	Water	Acetone	4.70	J	1.50	5.00	ug/L
			Total Voc :	4.70				
			Total Concentration:	4.70				
Client ID:	**MW1**							
Q3201-05	MW1	Water	Tert butyl alcohol	380		55.1	250	ug/L
Q3201-05	MW1	Water	Cyclohexane	100		14.5	50.0	ug/L
Q3201-05	MW1	Water	Methylcyclohexane	45.3		1.60	10.0	ug/L
Q3201-05	MW1	Water	Benzene	500		1.50	10.0	ug/L
Q3201-05	MW1	Water	Toluene	180		1.40	10.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3201

Client: M2 Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3201-05	MW1	Water	Ethyl Benzene	1400	E	1.30	10.0	ug/L
Q3201-05	MW1	Water	m/p-Xylenes	2000		2.40	20.0	ug/L
Q3201-05	MW1	Water	o-Xylene	50.6		1.20	10.0	ug/L
Q3201-05	MW1	Water	Isopropylbenzene	470		1.20	10.0	ug/L
			Total Voc :	5130				
			Total Concentration:	5130				
Client ID:	**MW1DL**							
Q3201-05DL	MW1DL	Water	Tert butyl alcohol	400	JD	220	1000	ug/L
Q3201-05DL	MW1DL	Water	Methylcyclohexane	26.2	JD	6.40	40.0	ug/L
Q3201-05DL	MW1DL	Water	Benzene	400	D	6.00	40.0	ug/L
Q3201-05DL	MW1DL	Water	Toluene	140	D	5.60	40.0	ug/L
Q3201-05DL	MW1DL	Water	Ethyl Benzene	1000	D	5.20	40.0	ug/L
Q3201-05DL	MW1DL	Water	m/p-Xylenes	1500	D	9.60	80.0	ug/L
Q3201-05DL	MW1DL	Water	o-Xylene	50.6	D	4.80	40.0	ug/L
Q3201-05DL	MW1DL	Water	Isopropylbenzene	320	D	4.80	40.0	ug/L
			Total Voc :	3840				
			Total Concentration:	3840				
Client ID:	**MW3**							
Q3201-06	MW3	Water	Cyclohexane	47.7	J	14.5	50.0	ug/L
Q3201-06	MW3	Water	Methylcyclohexane	24.5		1.60	10.0	ug/L
Q3201-06	MW3	Water	Benzene	33.8		1.50	10.0	ug/L
Q3201-06	MW3	Water	Toluene	350		1.40	10.0	ug/L
Q3201-06	MW3	Water	Ethyl Benzene	630		1.30	10.0	ug/L
Q3201-06	MW3	Water	m/p-Xylenes	630		2.40	20.0	ug/L
Q3201-06	MW3	Water	o-Xylene	150		1.20	10.0	ug/L
Q3201-06	MW3	Water	Isopropylbenzene	160		1.20	10.0	ug/L
			Total Voc :	2030				
			Total Concentration:	2030				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3201

Client: M2 Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3201-01	MW6	1,2-Dichloroethane-d4	50	60.3	121		70 (74)	130 (125)
		Dibromofluoromethane	50	57.6	115		70 (75)	130 (124)
		Toluene-d8	50	44.8	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.8	88		70 (77)	130 (121)
Q3201-01DL	MW6DL	1,2-Dichloroethane-d4	50	51.4	103		70 (74)	130 (125)
		Dibromofluoromethane	50	54.3	109		70 (75)	130 (124)
		Toluene-d8	50	42.8	85		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.7	95		70 (77)	130 (121)
Q3201-02	MW14	1,2-Dichloroethane-d4	50	60.3	121		70 (74)	130 (125)
		Dibromofluoromethane	50	53.1	106		70 (75)	130 (124)
		Toluene-d8	50	44.5	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.7	85		70 (77)	130 (121)
Q3201-02DL	MW14DL	1,2-Dichloroethane-d4	50	52.3	105		70 (74)	130 (125)
		Dibromofluoromethane	50	55.4	111		70 (75)	130 (124)
		Toluene-d8	50	42.5	85		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.1	96		70 (77)	130 (121)
Q3201-03	MW15	1,2-Dichloroethane-d4	50	53.7	107		70 (74)	130 (125)
		Dibromofluoromethane	50	49.9	100		70 (75)	130 (124)
		Toluene-d8	50	49.4	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.0	116		70 (77)	130 (121)
Q3201-04	MW10	1,2-Dichloroethane-d4	50	54.8	110		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	49.0	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.1	114		70 (77)	130 (121)
Q3201-05	MW1	1,2-Dichloroethane-d4	50	49.1	98		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	48.2	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.5	109		70 (77)	130 (121)
Q3201-05DL	MW1DL	1,2-Dichloroethane-d4	50	48.5	97		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	43.5	87		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.6	109		70 (77)	130 (121)
Q3201-06	MW3	1,2-Dichloroethane-d4	50	53.1	106		70 (74)	130 (125)
		Dibromofluoromethane	50	48.9	98		70 (75)	130 (124)
		Toluene-d8	50	48.6	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.3	115		70 (77)	130 (121)
Q3201-07	FIELD-BLANK	1,2-Dichloroethane-d4	50	56.1	112		70 (74)	130 (125)
		Dibromofluoromethane	50	56.9	114		70 (75)	130 (124)
		Toluene-d8	50	45.0	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.3	89		70 (77)	130 (121)
Q3201-08	TRIP-BLANK	1,2-Dichloroethane-d4	50	55.6	111		70 (74)	130 (125)
		Dibromofluoromethane	50	59.0	118		70 (75)	130 (124)
		Toluene-d8	50	44.3	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.6	89		70 (77)	130 (121)
VV1003WBL01	VV1003WBL01	1,2-Dichloroethane-d4	50	51.7	103		70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105		70 (75)	130 (124)
		Toluene-d8	50	44.6	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.2	90		70 (77)	130 (121)
VV1003WBS01	VV1003WBS01	1,2-Dichloroethane-d4	50	41.7	83		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)

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Surrogate Summary

SDG No.: Q3201

Client: M2 Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VV1003WBS01	VV1003WBS01	Toluene-d8	50	45.8	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107		70 (77)	130 (121)
VV1003WBSD0	VV1003WBSD01	1,2-Dichloroethane-d4	50	42.8	86		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	45.3	91		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.2	106		70 (77)	130 (121)
VV1006WBL01	VV1006WBL01	1,2-Dichloroethane-d4	50	50.8	102		70 (74)	130 (125)
		Dibromofluoromethane	50	53.8	108		70 (75)	130 (124)
		Toluene-d8	50	43.0	86		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.4	97		70 (77)	130 (121)
VV1006WBS01	VV1006WBS01	1,2-Dichloroethane-d4	50	44.4	89		70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.6	111		70 (77)	130 (121)
VX1006WBL01	VX1006WBL01	1,2-Dichloroethane-d4	50	51.8	104		70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99		70 (75)	130 (124)
		Toluene-d8	50	48.9	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.9	110		70 (77)	130 (121)
VX1006WBS02	VX1006WBS02	1,2-Dichloroethane-d4	50	43.1	86		70 (74)	130 (125)
		Dibromofluoromethane	50	47.4	95		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.8	94		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3201**	**Analytical Method:**	**SW8260-Low**
Client:	**M2 Associates**	**Datafile :**	VV039245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBS01	Dichlorodifluoromethane	20	16.6	ug/L	83			40 (69)	160 (116)	
	Chloromethane	20	16.7	ug/L	84			40 (65)	160 (116)	
	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	Bromomethane	20	18.8	ug/L	94			40 (58)	160 (125)	
	Chloroethane	20	18.1	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.1	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.3	ug/L	97			70 (80)	130 (112)	
	Tert butyl alcohol	100	90.1	ug/L	90			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.8	ug/L	94			70 (74)	130 (110)	
	Acetone	100	91.0	ug/L	91			40 (60)	160 (125)	
	Carbon disulfide	20	16.0	ug/L	80			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			70 (78)	130 (114)	
	Methyl Acetate	20	21.1	ug/L	106			70 (67)	130 (125)	
	Methylene Chloride	20	19.9	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.2	ug/L	91			70 (78)	130 (112)	
	Cyclohexane	20	16.4	ug/L	82			70 (75)	130 (110)	
	2-Butanone	100	89.1	ug/L	89			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.2	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			70 (77)	130 (110)	
	Bromochloromethane	20	19.3	ug/L	97			70 (70)	130 (124)	
	Chloroform	20	18.1	ug/L	91			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			70 (80)	130 (108)	
	Methylcyclohexane	20	17.1	ug/L	86			70 (72)	130 (115)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.8	ug/L	94			70 (80)	130 (115)	
	Trichloroethene	20	20.8	ug/L	104			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	19.3	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	20.9	ug/L	104			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	21.1	ug/L	106			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.9	ug/L	104			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.0	ug/L	100			70 (83)	130 (112)	
	2-Hexanone	100	91.8	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	20.7	ug/L	104			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.6	ug/L	103			70 (81)	130 (110)	
	Tetrachloroethene	20	20.3	ug/L	102			70 (67)	130 (123)	
	Chlorobenzene	20	20.2	ug/L	101			70 (82)	130 (109)	
	Ethyl Benzene	20	20.2	ug/L	101			70 (83)	130 (109)	
	m/p-Xylenes	40	43.1	ug/L	108			70 (82)	130 (110)	
	o-Xylene	20	21.5	ug/L	108			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	21.5	ug/L	108			70 (79)	130 (109)	
	Isopropylbenzene	20	19.9	ug/L	100			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBS01	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			70 (76)	130 (114)	

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VV1003WBSD01	Dichlorodifluoromethane	20	16.4	ug/L	82	1		40 (69)	160 (116)	20 (19)
	Chloromethane	20	16.4	ug/L	82	2		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	17.0	ug/L	85	3		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.0	ug/L	95	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.8	ug/L	89	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.8	ug/L	94	2		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99	2		70 (80)	130 (112)	20 (15)
	Tert butyl alcohol	100	98.0	ug/L	98	9		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	18.7	ug/L	94	0		70 (74)	130 (110)	20 (20)
	Acetone	100	93.4	ug/L	93	2		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.9	ug/L	79	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.4	ug/L	102	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	21.5	ug/L	108	2		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.2	ug/L	101	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.8	ug/L	94	1		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	18.4	ug/L	92	1		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	16.3	ug/L	81	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	93.5	ug/L	94	5		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.8	ug/L	94	2		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	2		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.6	ug/L	98	1		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.2	ug/L	91	0		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.4	ug/L	92	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.0	ug/L	85	1		70 (72)	130 (115)	20 (20)
	Benzene	20	19.3	ug/L	97	0		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.1	ug/L	96	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.3	ug/L	102	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.1	ug/L	96	4		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	19.4	ug/L	97	0		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (25)
	Toluene	20	20.9	ug/L	104	0		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	21.3	ug/L	106	0		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.1	ug/L	106	2		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.4	ug/L	102	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	95.2	ug/L	95	3		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.6	ug/L	103	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.4	ug/L	107	4		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.4	ug/L	102	0		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.2	ug/L	101	0		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.2	ug/L	101	0		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	43.3	ug/L	108	0		70 (82)	130 (110)	20 (15)
	o-Xylene	20	21.8	ug/L	109	1		70 (83)	130 (109)	20 (20)
	Styrene	20	19.6	ug/L	98	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.2	ug/L	111	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.0	ug/L	100	0		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.3	ug/L	102	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.5	ug/L	98	1		70 (82)	130 (107)	20 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VV1003WBSD01	1,2-Dichlorobenzene	20	20.2	ug/L	101	2		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.6	ug/L	103	0		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101	0		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102	2		70 (76)	130 (114)	20 (29)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039268.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1006WBS01	Dichlorodifluoromethane	20	16.7	ug/L	84			40 (69)	160 (116)	
	Chloromethane	20	16.7	ug/L	84			40 (65)	160 (116)	
	Vinyl chloride	20	17.8	ug/L	89			70 (65)	130 (117)	
	Bromomethane	20	17.1	ug/L	86			40 (58)	160 (125)	
	Chloroethane	20	21.2	ug/L	106			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.2	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			70 (80)	130 (112)	
	Tert butyl alcohol	100	110	ug/L	110			70 (48)	130 (142)	
	1,1-Dichloroethene	20	19.4	ug/L	97			70 (74)	130 (110)	
	Acetone	100	91.5	ug/L	92			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.0	ug/L	105			70 (78)	130 (114)	
	Methyl Acetate	20	23.4	ug/L	117			70 (67)	130 (125)	
	Methylene Chloride	20	20.8	ug/L	104			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.3	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	16.3	ug/L	81			70 (75)	130 (110)	
	2-Butanone	100	97.4	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.0	ug/L	100			70 (77)	130 (110)	
	Bromochloromethane	20	21.7	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	18.8	ug/L	94			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	17.3	ug/L	86			70 (72)	130 (115)	
	Benzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.5	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	20.6	ug/L	103			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.5	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	20.1	ug/L	101			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	21.3	ug/L	106			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	21.7	ug/L	109			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.8	ug/L	109			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.1	ug/L	106			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	21.3	ug/L	106			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.8	ug/L	109			70 (81)	130 (110)	
	Tetrachloroethene	20	20.1	ug/L	101			70 (67)	130 (123)	
	Chlorobenzene	20	20.8	ug/L	104			70 (82)	130 (109)	
	Ethyl Benzene	20	20.6	ug/L	103			70 (83)	130 (109)	
	m/p-Xylenes	40	44.0	ug/L	110			70 (82)	130 (110)	
	o-Xylene	20	21.9	ug/L	110			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	22.4	ug/L	112			70 (79)	130 (109)	
	Isopropylbenzene	20	19.8	ug/L	99			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/L	95			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.2	ug/L	96			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VV039268.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1006WBS01	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	21.1	ug/L	106			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.3	ug/L	102			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX048014.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1006WBS02	Dichlorodifluoromethane	20	18.4	ug/L	92			40 (69)	160 (116)	
	Chloromethane	20	15.2	ug/L	76			40 (65)	160 (116)	
	Vinyl chloride	20	17.2	ug/L	86			70 (65)	130 (117)	
	Bromomethane	20	14.1	ug/L	71			40 (58)	160 (125)	
	Chloroethane	20	17.1	ug/L	86			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.7	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/L	98			70 (80)	130 (112)	
	Tert butyl alcohol	100	80.3	ug/L	80			70 (48)	130 (142)	
	1,1-Dichloroethene	20	17.7	ug/L	89			70 (74)	130 (110)	
	Acetone	100	78.1	ug/L	78			40 (60)	160 (125)	
	Carbon disulfide	20	15.9	ug/L	79			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			70 (78)	130 (114)	
	Methyl Acetate	20	19.1	ug/L	96			70 (67)	130 (125)	
	Methylene Chloride	20	16.7	ug/L	84			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.2	ug/L	86			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.8	ug/L	89			70 (78)	130 (112)	
	Cyclohexane	20	17.0	ug/L	85			70 (75)	130 (110)	
	2-Butanone	100	85.2	ug/L	85			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.6	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.4	ug/L	87			70 (77)	130 (110)	
	Bromochloromethane	20	19.0	ug/L	95			70 (70)	130 (124)	
	Chloroform	20	18.6	ug/L	93			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	17.6	ug/L	88			70 (72)	130 (115)	
	Benzene	20	18.2	ug/L	91			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.3	ug/L	92			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.2	ug/L	96			70 (83)	130 (111)	
	Bromodichloromethane	20	19.0	ug/L	95			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	95.7	ug/L	96			40 (74)	160 (118)	
	Toluene	20	18.9	ug/L	95			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	17.7	ug/L	89			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	92.1	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	20.0	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.2	ug/L	96			70 (81)	130 (110)	
	Tetrachloroethene	20	18.7	ug/L	94			70 (67)	130 (123)	
	Chlorobenzene	20	18.7	ug/L	94			70 (82)	130 (109)	
	Ethyl Benzene	20	18.4	ug/L	92			70 (83)	130 (109)	
	m/p-Xylenes	40	37.6	ug/L	94			70 (82)	130 (110)	
	o-Xylene	20	18.4	ug/L	92			70 (83)	130 (109)	
	Styrene	20	18.2	ug/L	91			70 (80)	130 (111)	
	Bromoform	20	19.1	ug/L	96			70 (79)	130 (109)	
	Isopropylbenzene	20	18.2	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.9	ug/L	90			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3201 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX048014.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1006WBS02	1,2-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	16.3	ug/L	81			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	16.7	ug/L	84			70 (76)	130 (114)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1003WBL01

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039244.D Lab Sample ID: VV1003WBL01

Date Analyzed: 10/03/2025 Time Analyzed: 11:26

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
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025
FIELD-BLANK	Q3201-07	VV039249.D	10/03/2025
TRIP-BLANK	Q3201-08	VV039250.D	10/03/2025
MW6	Q3201-01	VV039256.D	10/03/2025
MW14	Q3201-02	VV039257.D	10/03/2025
MW1	Q3201-05	VV039260.D	10/03/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1006WBL01

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039267.D Lab Sample ID: VV1006WBL01

Date Analyzed: 10/06/2025 Time Analyzed: 12:35

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
VV1006WBS01	VV1006WBS01	VV039268.D	10/06/2025
MW1DL	Q3201-05DL	VV039270.D	10/06/2025
MW6DL	Q3201-01DL	VV039271.D	10/06/2025
MW14DL	Q3201-02DL	VV039272.D	10/06/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1006WBL01

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VX048011.D Lab Sample ID: VX1006WBL01

Date Analyzed: 10/06/2025 Time Analyzed: 09:44

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025
MW3	Q3201-06	VX048020.D	10/06/2025
MW15	Q3201-03	VX048021.D	10/06/2025
MW10	Q3201-04	VX048022.D	10/06/2025

COMMENTS:

Raw Data: **VV039134.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VV039134.D
BFB Injection Date: 09/22/2025
Instrument ID: MSVOA_V
BFB Injection Time: 10:15
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.5 (7.5) 1
176	95.0 - 101.0% of mass 174	70.4 (96) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

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

Raw Data: **VV039241.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VV039241.D
BFB Injection Date: 10/03/2025
Instrument ID: MSVOA_V
BFB Injection Time: 08:26
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	16.6
75	30.0 - 60.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	5.5 (7) 1
176	95.0 - 101.0% of mass 174	74.9 (96) 1
177	5.0 - 9.0% of mass 176	5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039242.D	10/03/2025	08:53
VV1003WBL01	VV1003WBL01	VV039244.D	10/03/2025	11:26
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025	13:07
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025	13:29
FIELD-BLANK	Q3201-07	VV039249.D	10/03/2025	15:04
TRIP-BLANK	Q3201-08	VV039250.D	10/03/2025	15:27
MW6	Q3201-01	VV039256.D	10/03/2025	17:41
MW14	Q3201-02	VV039257.D	10/03/2025	18:04
MW1	Q3201-05	VV039260.D	10/03/2025	19:11

Raw Data: **VV039264.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: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VV039264.D
BFB Injection Date: 10/06/2025
Instrument ID: MSVOA_V
BFB Injection Time: 08:07
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	17.7
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
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71 (95.9) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039265.D	10/06/2025	11:46
VV1006WBL01	VV1006WBL01	VV039267.D	10/06/2025	12:35
VV1006WBS01	VV1006WBS01	VV039268.D	10/06/2025	13:01
MW1DL	Q3201-05DL	VV039270.D	10/06/2025	13:56
MW6DL	Q3201-01DL	VV039271.D	10/06/2025	14:19
MW14DL	Q3201-02DL	VV039272.D	10/06/2025	14:41

Raw Data: **VX047584.D**

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VX047584.D
BFB Injection Date: 09/16/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:56
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	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (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
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q3201
Lab File ID: VX048008.D
BFB Injection Date: 10/06/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:12
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	68.5 (97.4) 1
177	5.0 - 9.0% of mass 176	4.4 (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	VX048009.D	10/06/2025	08:54
VX1006WBL01	VX1006WBL01	VX048011.D	10/06/2025	09:44
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025	11:34
MW3	Q3201-06	VX048020.D	10/06/2025	13:46
MW15	Q3201-03	VX048021.D	10/06/2025	14:07
MW10	Q3201-04	VX048022.D	10/06/2025	14:28

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039242.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_V Time Analyzed: 08:53

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	504801	4.60	717875	5.53	718198	8.77
UPPER LIMIT	1009600	5.096	1435750	6.032	1436400	9.273
LOWER LIMIT	252401	4.096	358938	5.032	359099	8.273
EPA SAMPLE NO.						
MW6	338723	4.60	596501	5.54	602719	8.78
MW14	381402	4.60	742495	5.53	731184	8.78
MW1	460794	4.60	745054	5.53	788166	8.78
FIELD-BLANK	349814	4.60	588713	5.54	608055	8.78
TRIP-BLANK	323029	4.60	535676	5.54	545144	8.78
VV1003WBL01	501875	4.60	854024	5.53	854306	8.78
VV1003WBS01	559480	4.60	866328	5.53	845304	8.77
VV1003WBSD01	530712	4.60	834883	5.54	807929	8.78

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039242.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_V Time Analyzed: 08:53

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

	IS4 AREA #	RT #				
12 HOUR STD	467640	11.172				
UPPER LIMIT	935280	11.672				
LOWER LIMIT	233820	10.672				
EPA SAMPLE NO.						
MW6	285289	11.18				
MW14	341647	11.17				
MW1	431237	11.18				
FIELD-BLANK	300076	11.18				
TRIP-BLANK	264732	11.18				
VV1003WBL01	433083	11.17				
VV1003WBS01	506399	11.17				
VV1003WBSD01	481201	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039265.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_V Time Analyzed: 11:46

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	549792	4.60	857645	5.53	835774	8.77
UPPER LIMIT	1099580	5.096	1715290	6.029	1671550	9.273
LOWER LIMIT	274896	4.096	428823	5.029	417887	8.273
EPA SAMPLE NO.						
MW6DL	477065	4.60	810750	5.53	821368	8.78
MW14DL	444773	4.60	756536	5.54	773912	8.78
MW1DL	525555	4.60	878942	5.53	886561	8.77
VV1006WBL01	463806	4.60	783914	5.54	804136	8.78
VV1006WBS01	527068	4.60	830218	5.53	815170	8.78

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VV039265.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_V Time Analyzed: 11:46

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

	IS4 AREA #	RT #				
12 HOUR STD	504333	11.172				
UPPER LIMIT	1008670	11.672				
LOWER LIMIT	252167	10.672				
EPA SAMPLE NO.						
MW6DL	441845	11.18				
MW14DL	417747	11.18				
MW1DL	514429	11.17				
VV1006WBL01	428242	11.17				
VV1006WBS01	499953	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VX048009.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_X Time Analyzed: 08:54

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	169040	5.53	276640	6.74	239951	10.04
UPPER LIMIT	338080	6.032	553280	7.239	479902	10.537
LOWER LIMIT	84520	5.032	138320	6.239	119976	9.537
EPA SAMPLE NO.						
MW15	134028	5.54	273148	6.75	290347	10.04
MW10	136606	5.54	279650	6.75	291369	10.04
MW3	146182	5.54	297329	6.75	308048	10.04
VX1006WBL01	163752	5.54	333598	6.75	343343	10.04
VX1006WBS02	164419	5.54	279226	6.75	253325	10.04

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q3201

Lab File ID: VX048009.D Date Analyzed: 10/06/2025

Instrument ID: MSVOA_X Time Analyzed: 08:54

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

	IS4 AREA #	RT #				
12 HOUR STD	117957	12				
UPPER LIMIT	235914	12.5				
LOWER LIMIT	58978.5	11.5				
EPA SAMPLE NO.						
MW15	149616	12.01				
MW10	151792	12.01				
MW3	159943	12.01				
VX1006WBL01	171990	12.01				
VX1006WBS02	126701	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VV039256.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6	SDG No.:	Q3201
Lab Sample ID:	Q3201-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039256.D	1	10/03/25 17:41	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	7400	E	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	3.20	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	2400	E	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VV039256.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6	SDG No.:	Q3201
Lab Sample ID:	Q3201-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039256.D	1	10/03/25 17:41	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.3		70 (74) - 130 (125)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	57.6		70 (75) - 130 (124)	115%	SPK: 50
2037-26-5	Toluene-d8	44.8		70 (86) - 130 (113)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	339000	4.6			
540-36-3	1,4-Difluorobenzene	597000	5.535			
3114-55-4	Chlorobenzene-d5	603000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	285000	11.175			

Raw Data: **VV039256.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6	SDG No.:	Q3201
Lab Sample ID:	Q3201-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039256.D	1	10/03/25 17:41	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039256.D
Acq On : 03 Oct 2025 17:41
Operator : SY/MD
Sample : Q3201-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW6

Quant Time: Oct 04 01:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	338723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	596501	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	602719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	285289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	295630	60.304	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.600%#			
35) Dibromofluoromethane	4.503	113	276319	57.622	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 115.240%			
50) Toluene-d8	7.240	98	631507	44.838	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.680%			
62) 4-Bromofluorobenzene	10.002	95	253846	43.781	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 87.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.564	59	7717590	7448.531	ug/l	99
16) Acetone	2.124	43	24177	3.247	ug/l	99
19) Methyl tert-butyl Ether	2.690	73	39182020m	2407.667	ug/l	

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

Sample Results: **VV039256.D**

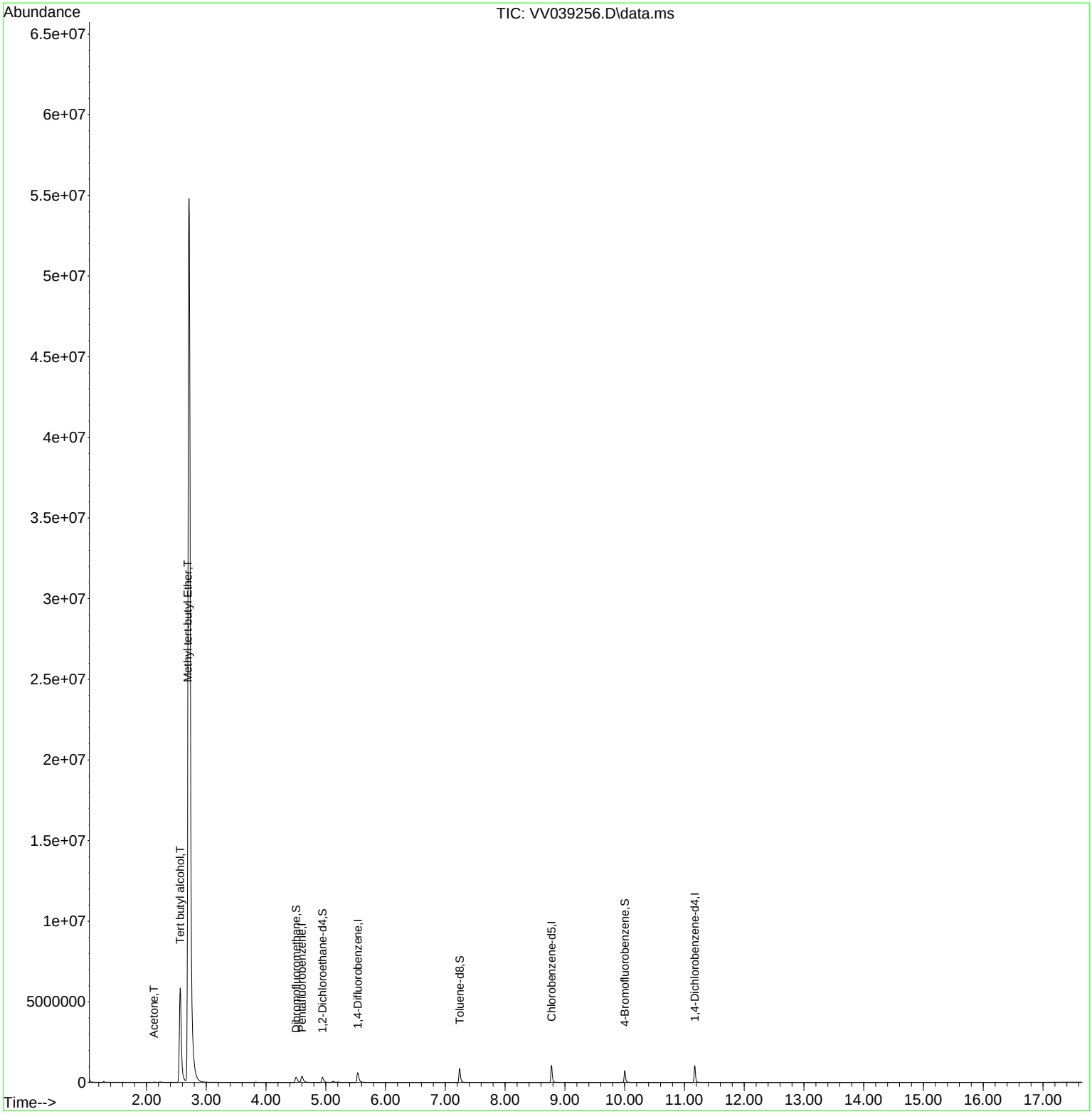
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039256.D
Acq On : 03 Oct 2025 17:41
Operator : SY/MD
Sample : Q3201-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

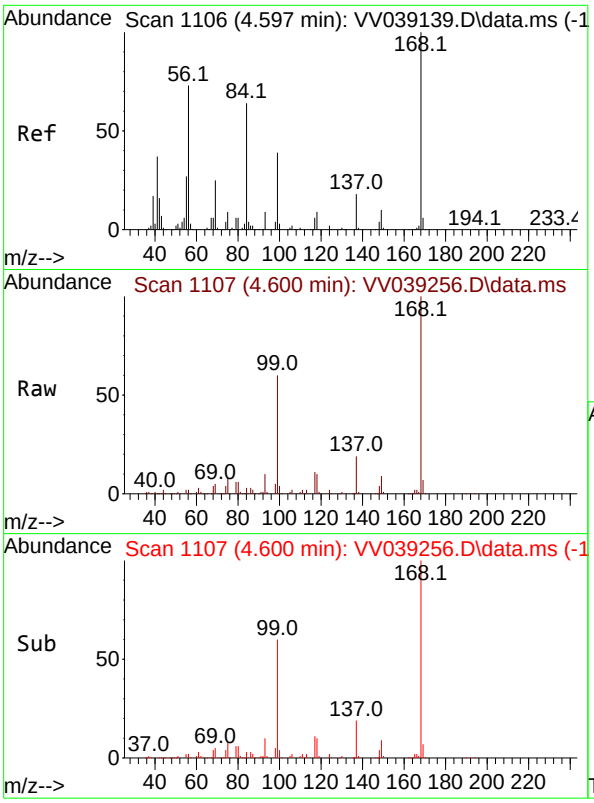
Quant Time: Oct 04 01:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

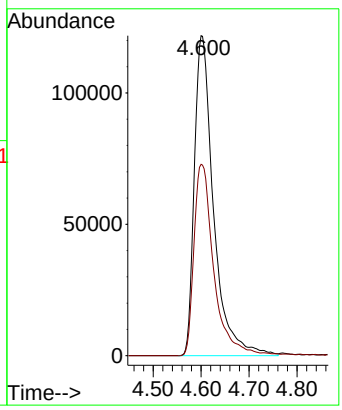




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:168 Resp: 33872

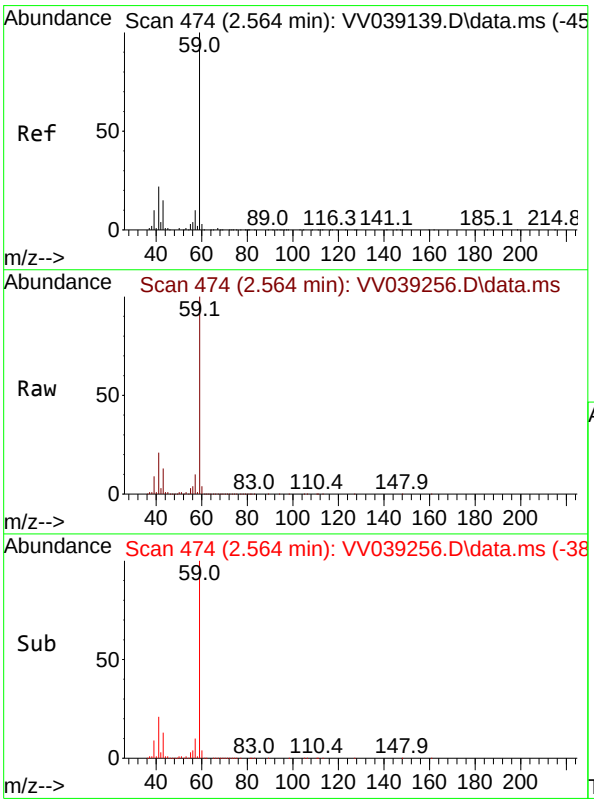
Ion	Ratio	Lower	Upper
168	100		
99	59.8	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

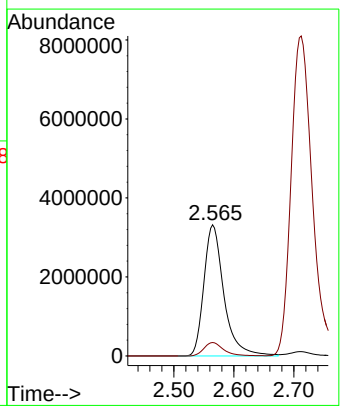
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

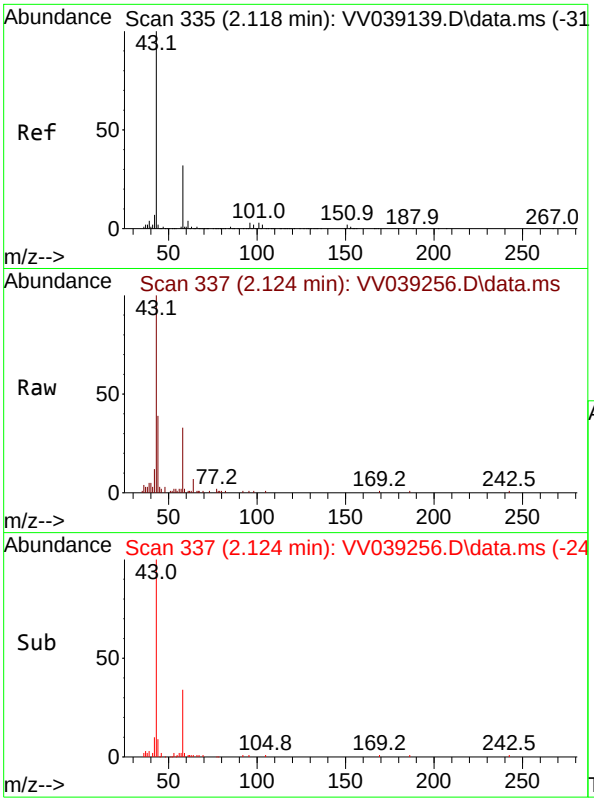


#11
Tert butyl alcohol
Concen: 7448.531 ug/l
RT: 2.564 min Scan# 474
Delta R.T. 0.000 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 59 Resp: 7717590

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8





#16
Acetone
Concen: 3.247 ug/l
RT: 2.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

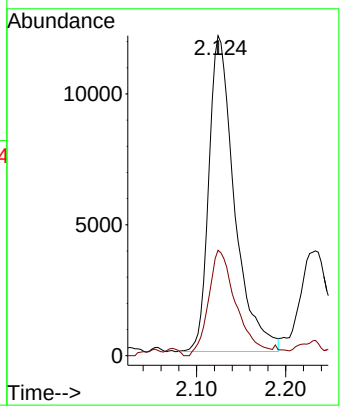
Tgt Ion: 43 Resp: 2417

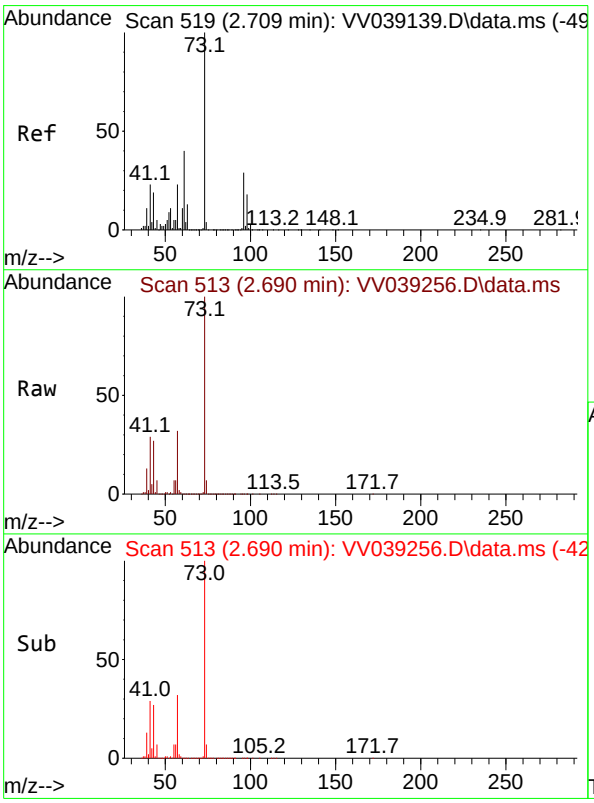
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.8	38.6

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

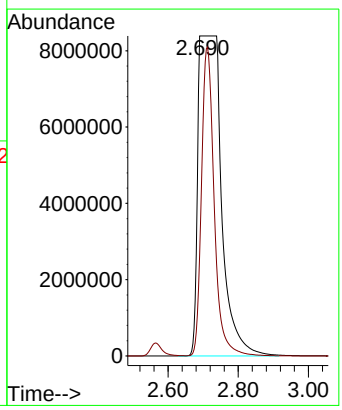


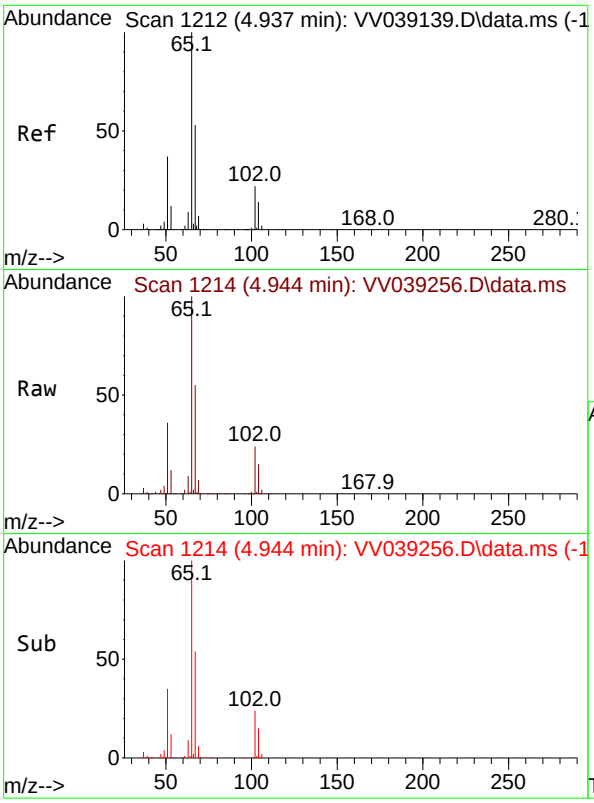


#19
Methyl tert-butyl Ether
Concen: 2407.667 ug/l m
RT: 2.690 min Scan# 513
Delta R.T. -0.019 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 73 Resp:39182020

Ion	Ratio	Lower	Upper
73	100		
57	31.6	18.2	27.4#





#33
1,2-Dichloroethane-d4
Concen: 60.304 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

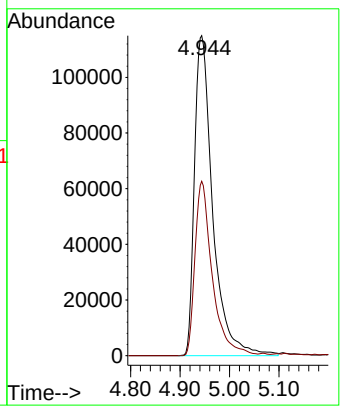
Tgt Ion: 65 Resp: 29563

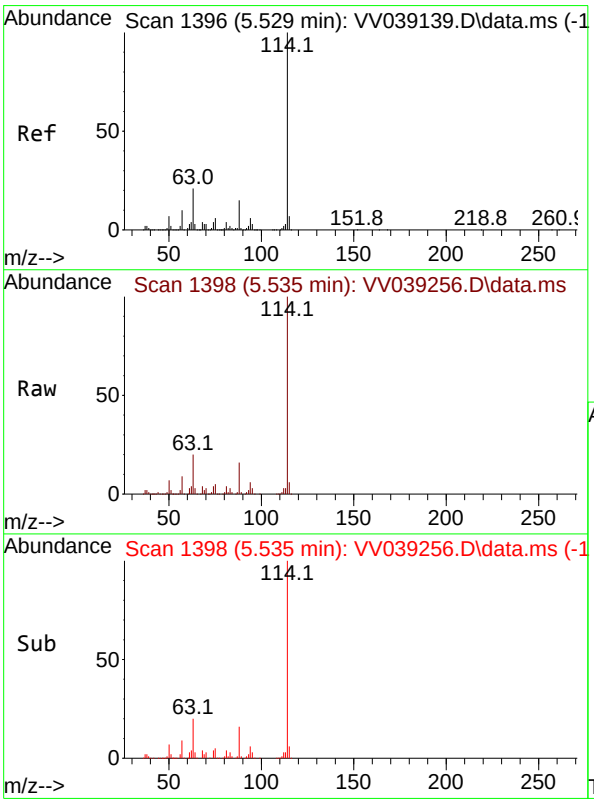
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.0

Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

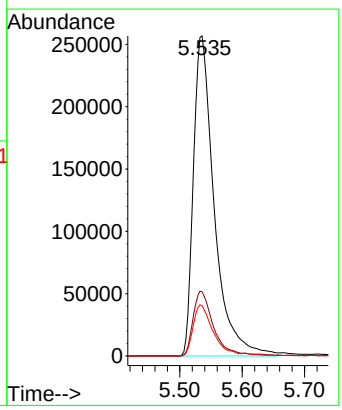


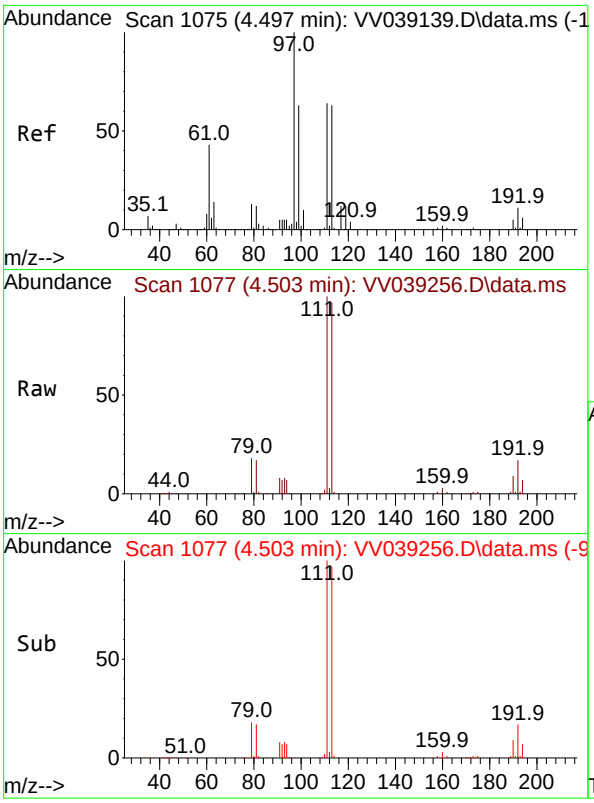


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:114 Resp: 596501

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	15.7	0.0	30.8

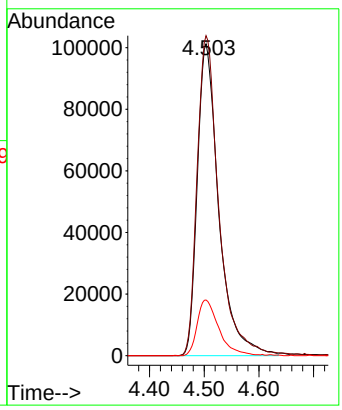




#35
Dibromofluoromethane
Concen: 57.622 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:113 Resp: 27631

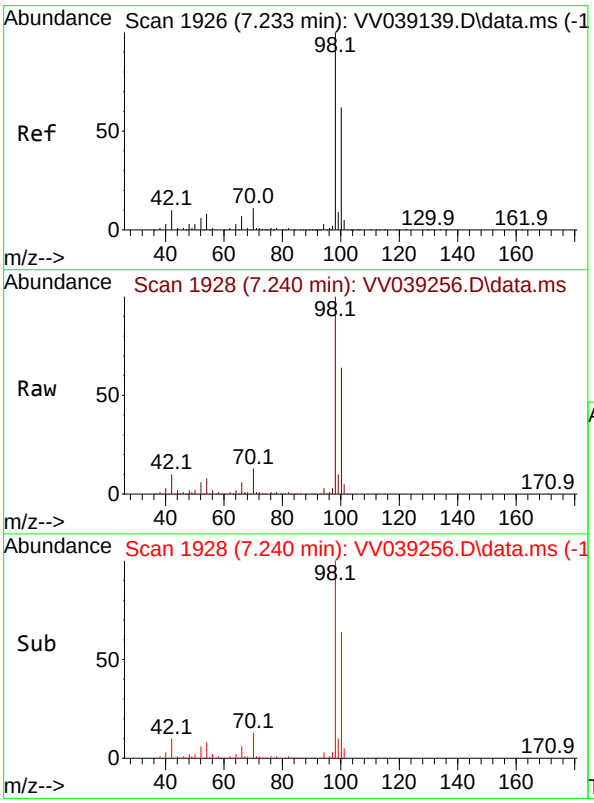
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	18.1	13.8	20.8



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

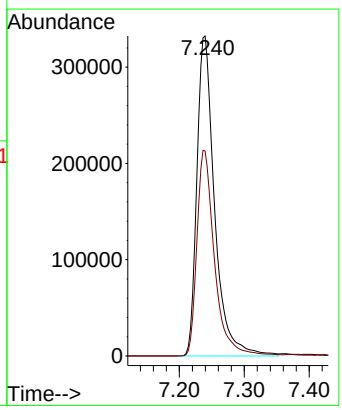
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

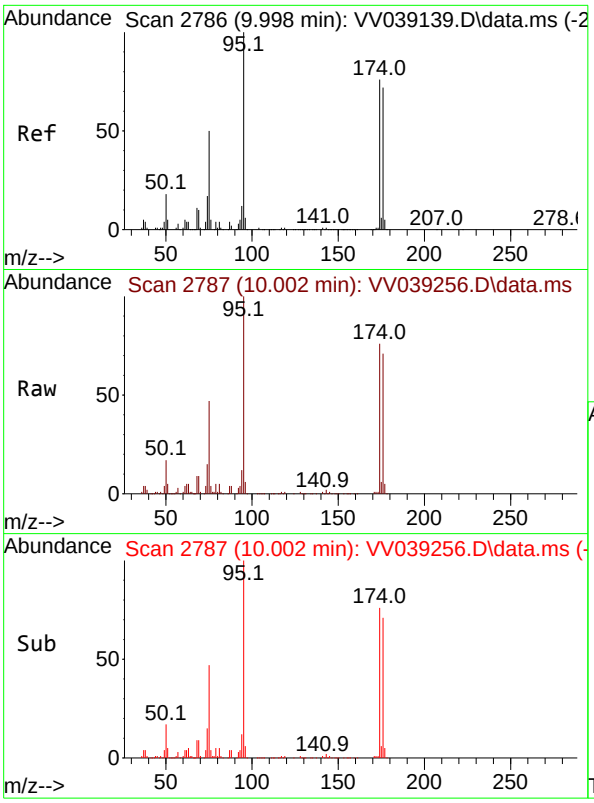


#50
Toluene-d8
Concen: 44.838 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 98 Resp: 631507

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

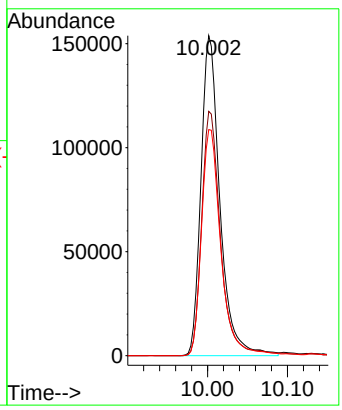




#62
4-Bromofluorobenzene
Concen: 43.781 ug/l
RT: 10.002 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion: 95 Resp: 25384

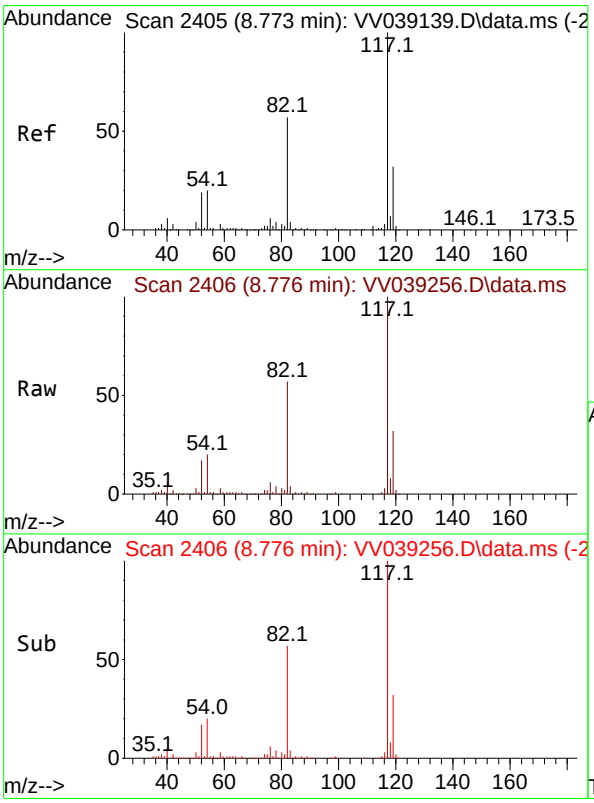
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	150.4
176	72.3	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

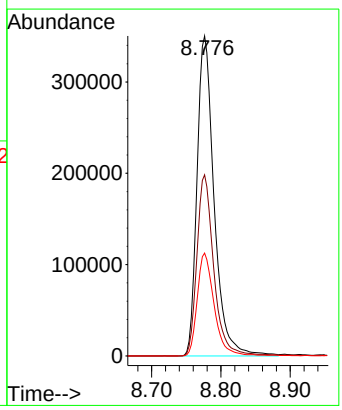
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

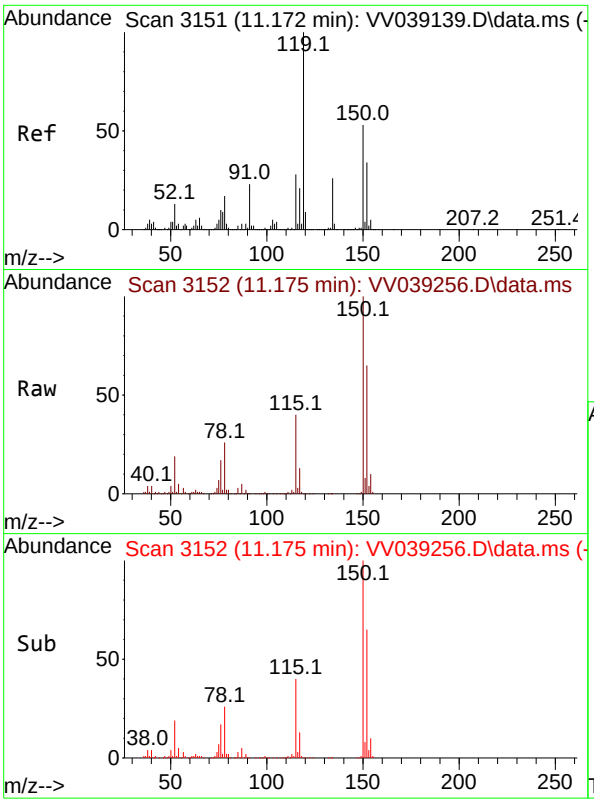


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:117 Resp: 602719

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	32.2	25.6	38.4

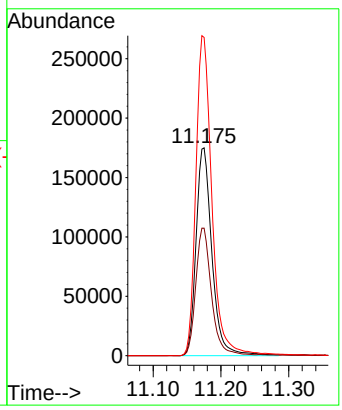




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Tgt Ion:152 Resp: 28528

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.8	134.4
150	156.1	0.0	353.8



Instrument :
MSVOA_V
ClientSampleId :
MW6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Raw Data: **VV039271.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039271.D	100	10/06/25 14:19	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.0	UD	22.0	100	ug/L
74-87-3	Chloromethane	32.0	UD	32.0	100	ug/L
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
74-83-9	Bromomethane	140	UD	140	500	ug/L
75-00-3	Chloroethane	47.0	UD	47.0	100	ug/L
75-69-4	Trichlorofluoromethane	33.0	UD	33.0	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	UD	25.0	100	ug/L
75-65-0	Tert butyl alcohol	5600	D	550	2500	ug/L
75-35-4	1,1-Dichloroethene	23.0	UD	23.0	100	ug/L
67-64-1	Acetone	150	UD	150	500	ug/L
75-15-0	Carbon Disulfide	21.0	UD	21.0	100	ug/L
1634-04-4	Methyl tert-butyl Ether	4100	D	16.0	100	ug/L
79-20-9	Methyl Acetate	27.0	UD	27.0	100	ug/L
75-09-2	Methylene Chloride	28.0	UD	28.0	100	ug/L
156-60-5	trans-1,2-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
110-82-7	Cyclohexane	150	UD	150	500	ug/L
78-93-3	2-Butanone	98.0	UD	98.0	500	ug/L
56-23-5	Carbon Tetrachloride	25.0	UD	25.0	100	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0	UD	19.0	100	ug/L
74-97-5	Bromochloromethane	22.0	UD	22.0	100	ug/L
67-66-3	Chloroform	25.0	UD	25.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
108-87-2	Methylcyclohexane	16.0	UD	16.0	100	ug/L
71-43-2	Benzene	15.0	UD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	9.30	UD	9.30	100	ug/L
78-87-5	1,2-Dichloropropane	20.0	UD	20.0	100	ug/L
75-27-4	Bromodichloromethane	22.0	UD	22.0	100	ug/L
108-10-1	4-Methyl-2-Pentanone	68.0	UD	68.0	500	ug/L

Raw Data: **VV039271.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039271.D	100	10/06/25 14:19	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	14.0	UD	14.0	100	ug/L
10061-02-6	t-1,3-Dichloropropene	17.0	UD	17.0	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	16.0	UD	16.0	100	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	UD	21.0	100	ug/L
591-78-6	2-Hexanone	89.0	UD	89.0	500	ug/L
124-48-1	Dibromochloromethane	18.0	UD	18.0	100	ug/L
106-93-4	1,2-Dibromoethane	15.0	UD	15.0	100	ug/L
127-18-4	Tetrachloroethene	23.0	UD	23.0	100	ug/L
108-90-7	Chlorobenzene	12.0	UD	12.0	100	ug/L
100-41-4	Ethyl Benzene	13.0	UD	13.0	100	ug/L
179601-23-1	m/p-Xylenes	24.0	UD	24.0	200	ug/L
95-47-6	o-Xylene	12.0	UD	12.0	100	ug/L
100-42-5	Styrene	15.0	UD	15.0	100	ug/L
75-25-2	Bromoform	19.0	UD	19.0	100	ug/L
98-82-8	Isopropylbenzene	12.0	UD	12.0	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	26.0	UD	26.0	100	ug/L
541-73-1	1,3-Dichlorobenzene	16.0	UD	16.0	100	ug/L
106-46-7	1,4-Dichlorobenzene	19.0	UD	19.0	100	ug/L
95-50-1	1,2-Dichlorobenzene	16.0	UD	16.0	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.0	UD	53.0	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.0	UD	20.0	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0	UD	20.0	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	42.7		70 (86) - 130 (113)	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	477000	4.6			
540-36-3	1,4-Difluorobenzene	811000	5.532			
3114-55-4	Chlorobenzene-d5	821000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	442000	11.175			

Raw Data: **VV039271.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW6DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039271.D	100	10/06/25 14:19	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VV039271.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039271.D
Acq On : 06 Oct 2025 14:19
Operator : SY/MD
Sample : Q3201-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Quant Time: Oct 07 03:34:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

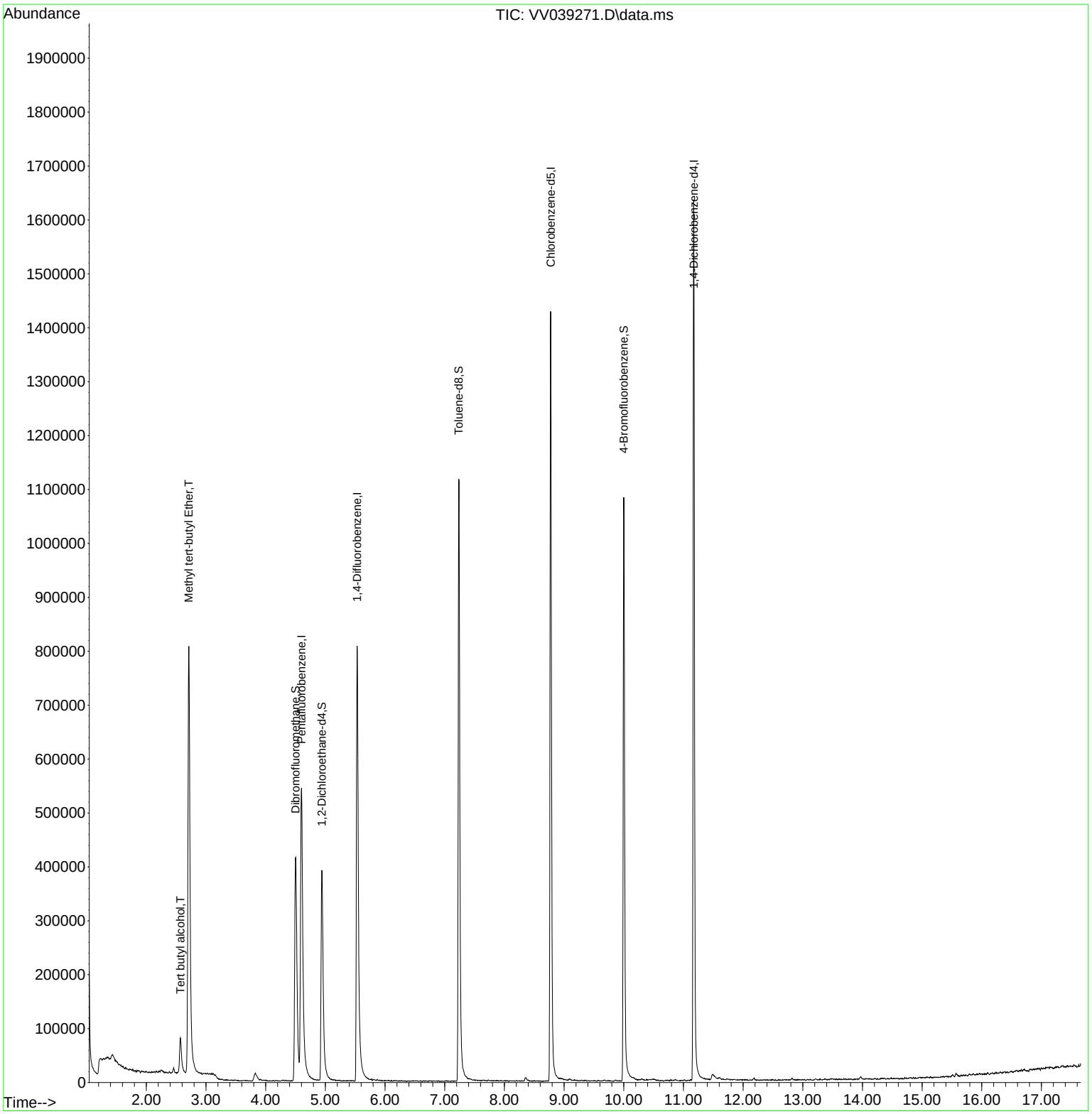
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	477065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	810750	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	821368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	441845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	354921	51.404	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 102.800%			
35) Dibromofluoromethane	4.503	113	354025	54.317	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 108.640%			
50) Toluene-d8	7.236	98	818283	42.746	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 85.500%#			
62) 4-Bromofluorobenzene	10.001	95	376058	47.720	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 95.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	82225	56.346	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	944490	41.207	ug/l	99

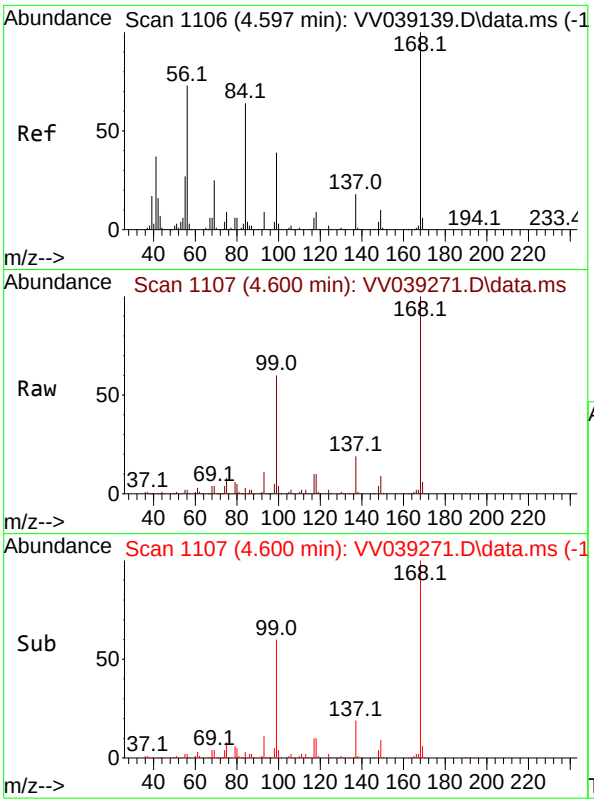
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039271.D
Acq On : 06 Oct 2025 14:19
Operator : SY/MD
Sample : Q3201-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Quant Time: Oct 07 03:34:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



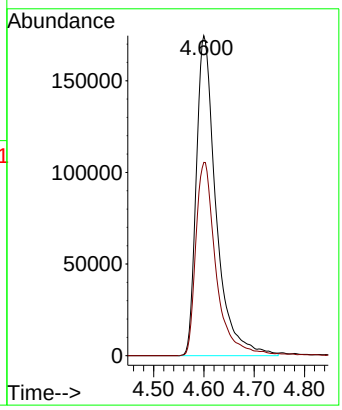


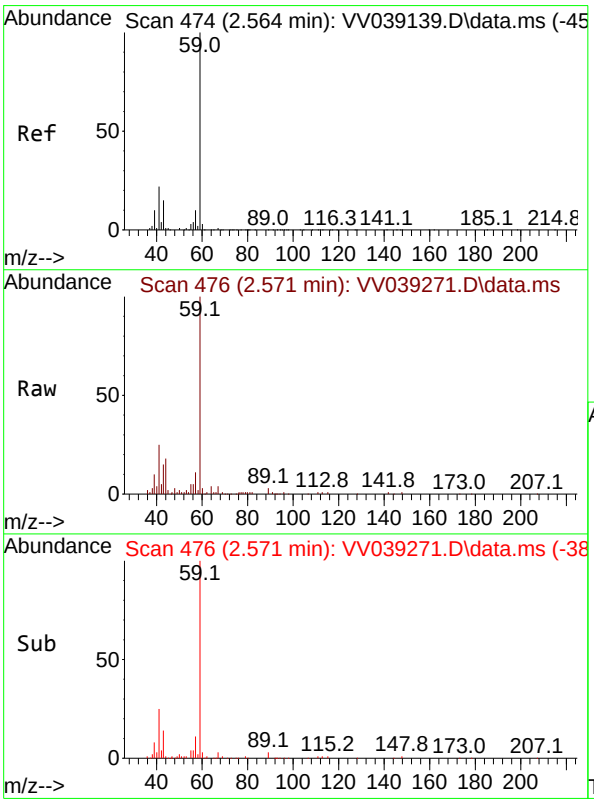
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion:168 Resp: 477065

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.6	74.4

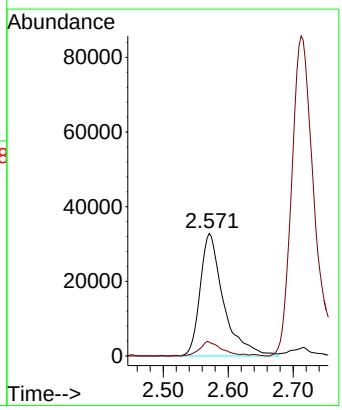


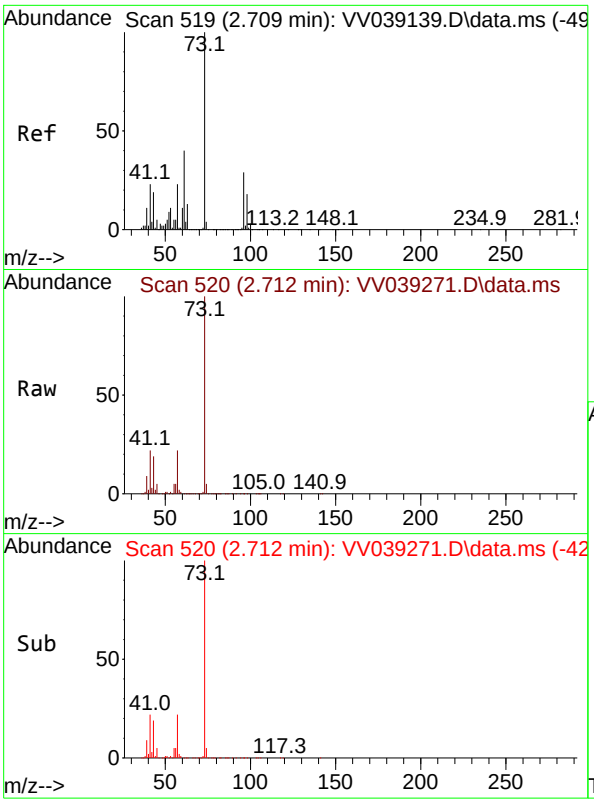


#11
Tert butyl alcohol
Concen: 56.346 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 59 Resp: 82225

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8



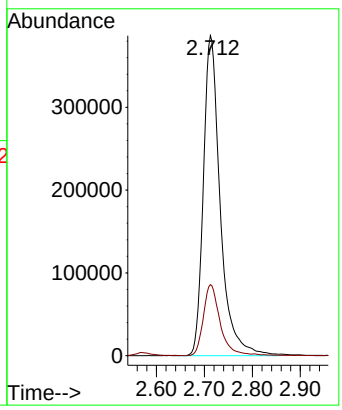


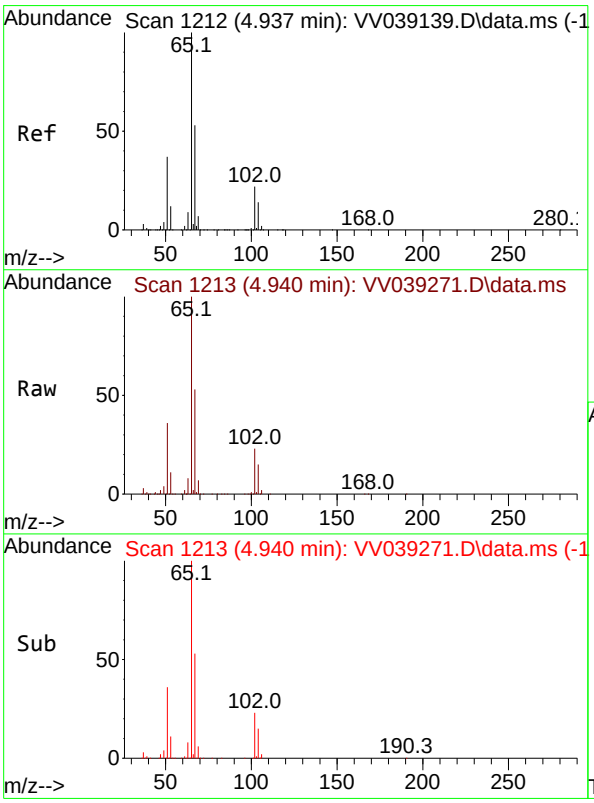
#19
Methyl tert-butyl Ether
Concen: 41.207 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion: 73 Resp: 944490

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

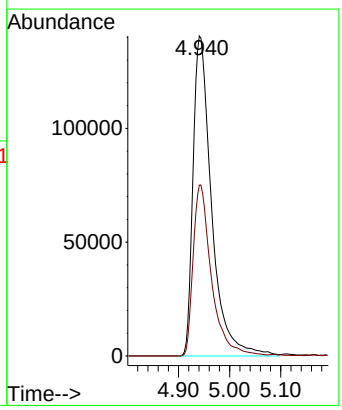


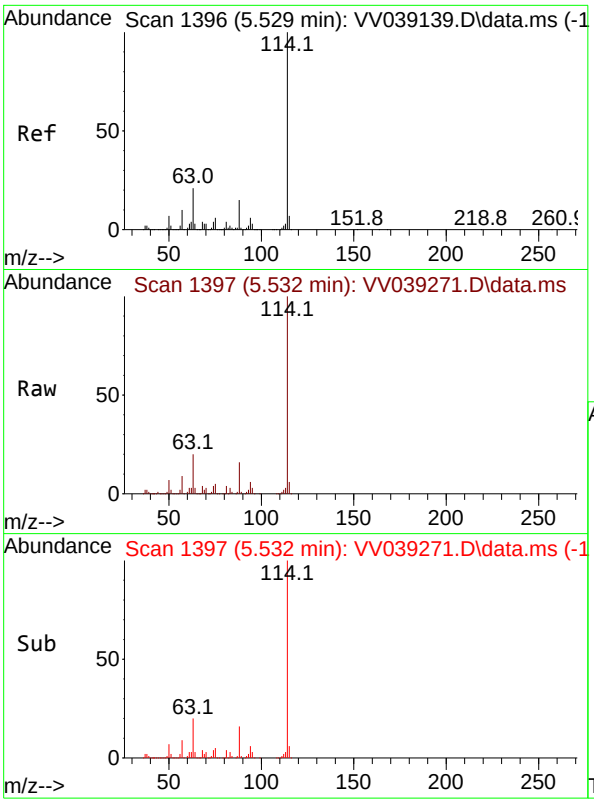


#33
1,2-Dichloroethane-d4
Concen: 51.404 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 65 Resp: 354921

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.0



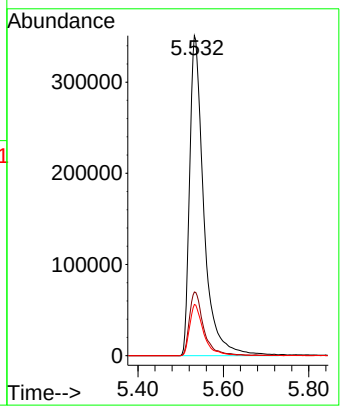


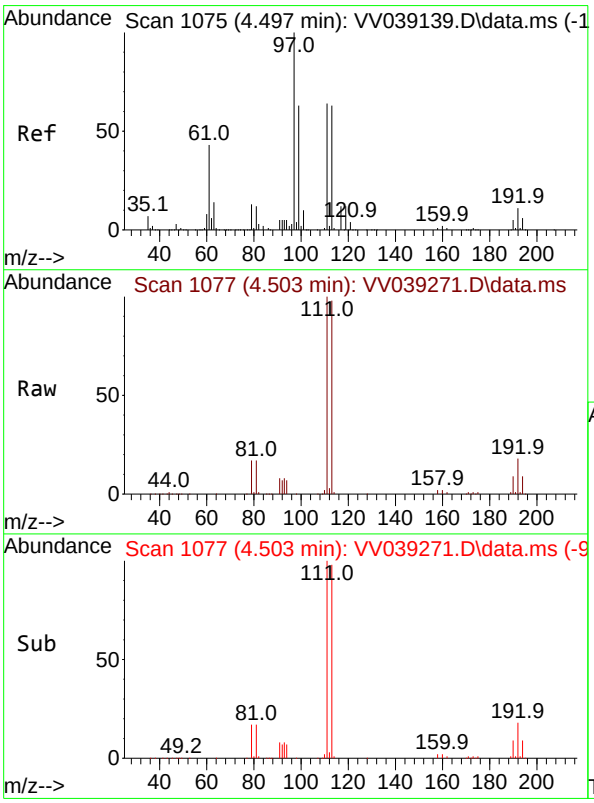
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion:114 Resp: 810750

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	16.0	0.0	30.8

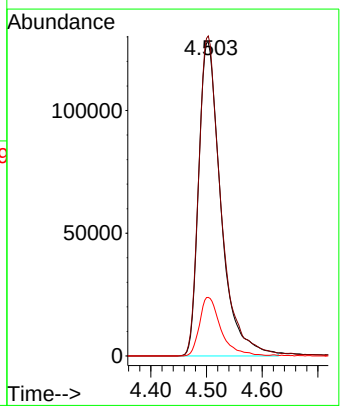


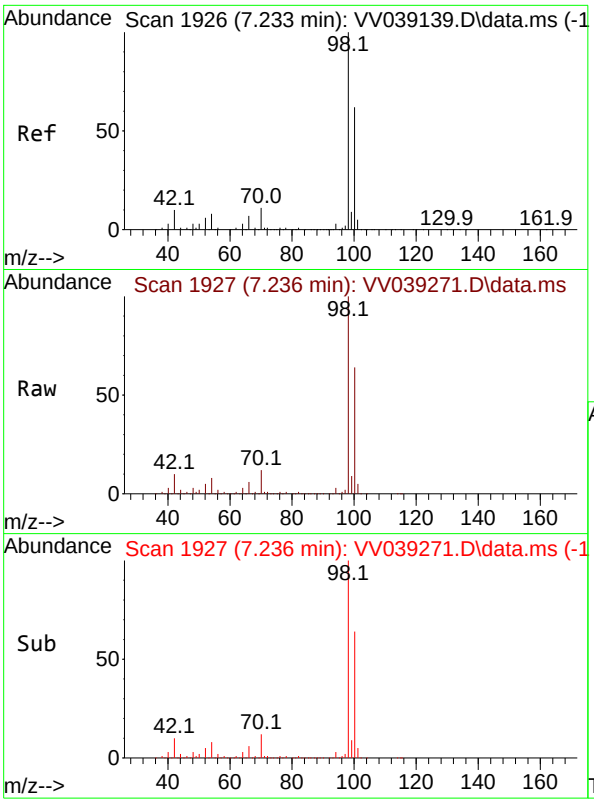


#35
Dibromofluoromethane
Concen: 54.317 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion:113 Resp: 354025

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	18.0	13.8	20.8



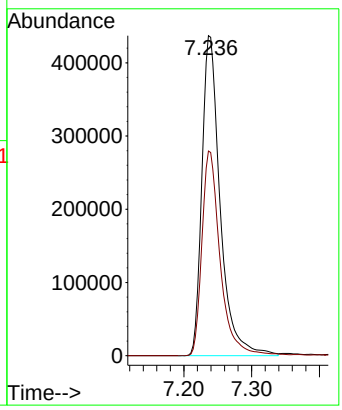


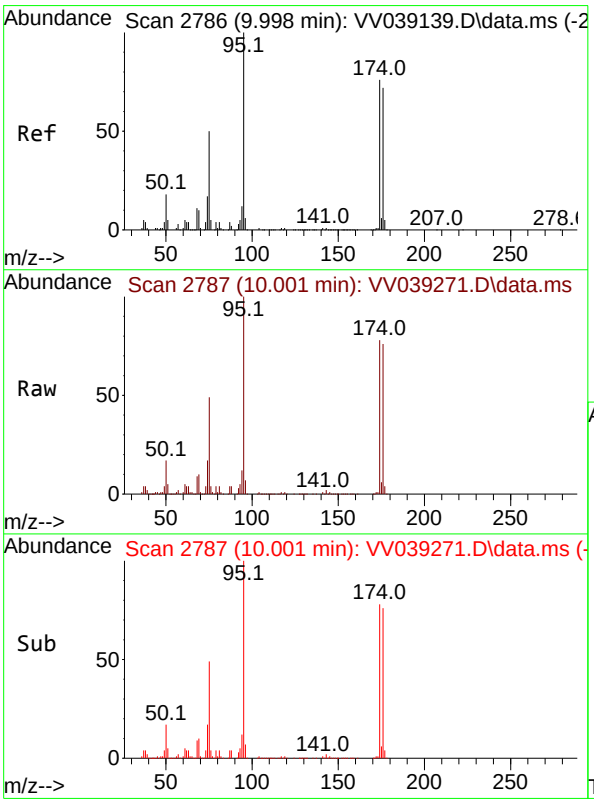
#50
Toluene-d8
Concen: 42.746 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion: 98 Resp: 818283

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

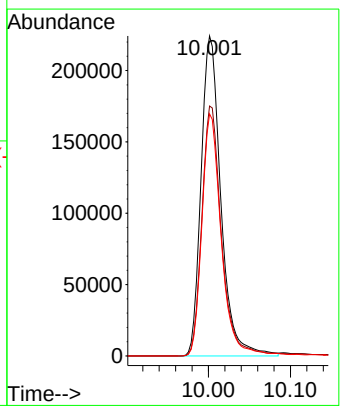


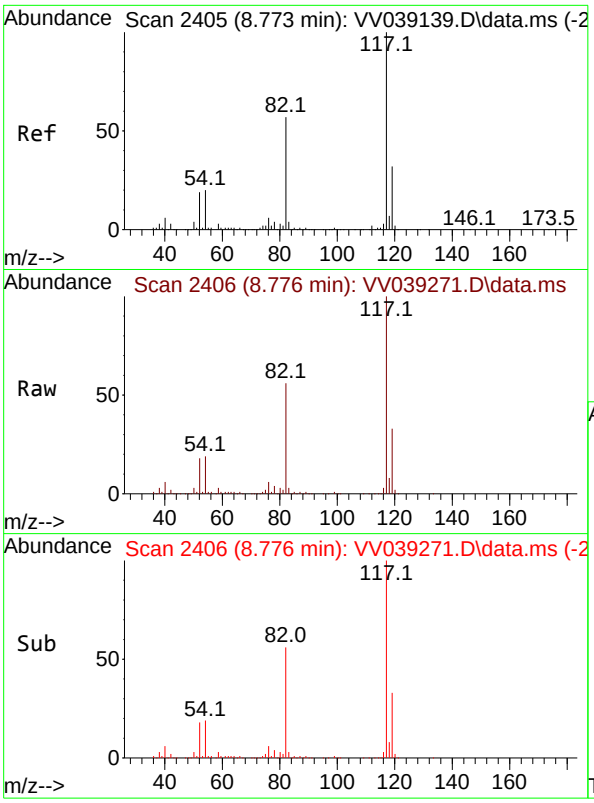


#62
4-Bromofluorobenzene
Concen: 47.720 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion: 95 Resp: 376058

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	150.4
176	74.1	0.0	144.2



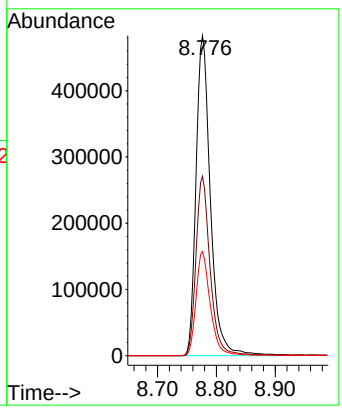


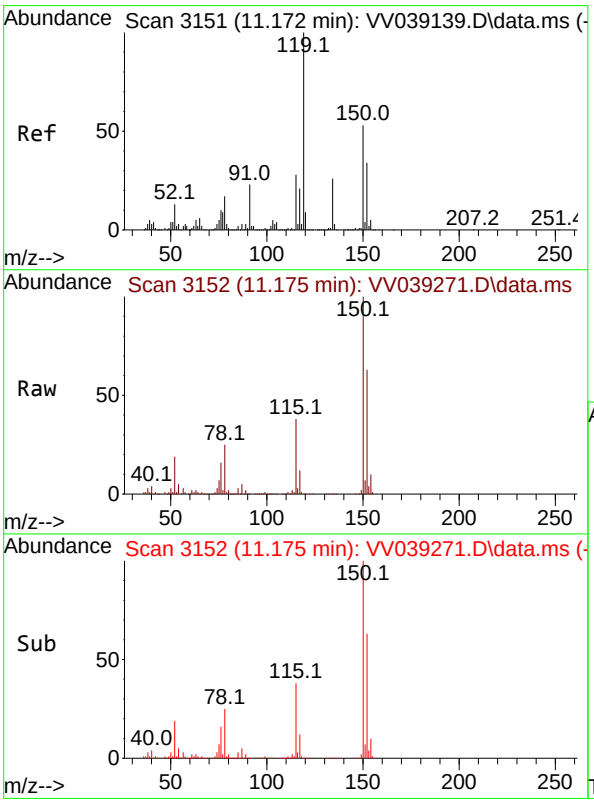
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Instrument :
MSVOA_V
ClientSampleId :
MW6DL

Tgt Ion:117 Resp: 821368

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.4	68.2
119	32.6	25.6	38.4

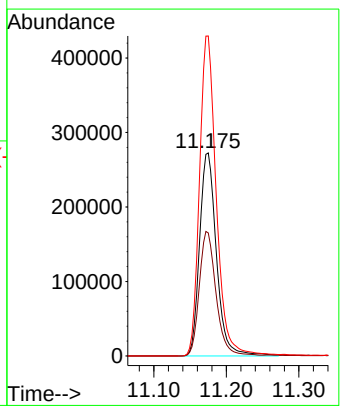




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039271.D
Acq: 06 Oct 2025 14:19

Tgt Ion:152 Resp: 441845

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.8	134.4
150	156.9	0.0	353.8



Raw Data: **VV039257.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14	SDG No.:	Q3201
Lab Sample ID:	Q3201-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039257.D	1	10/03/25 18:04	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5800	E	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.86	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	2300	E	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	31.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VV039257.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14	SDG No.:	Q3201
Lab Sample ID:	Q3201-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039257.D	1	10/03/25 18:04	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.60	J	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.3		70 (74) - 130 (125)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	44.6		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		70 (77) - 130 (121)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	381000	4.6			
540-36-3	1,4-Difluorobenzene	742000	5.532			
3114-55-4	Chlorobenzene-d5	731000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	342000	11.172			

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Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039257.D	1	10/03/25 18:04	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VV039257.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039257.D
Acq On : 03 Oct 2025 18:04
Operator : SY/MD
Sample : Q3201-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 04 01:15:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	381402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	742495	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	731184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	341647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	332978	60.322	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.640%#			
35) Dibromofluoromethane	4.500	113	316752	53.066	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.140%			
50) Toluene-d8	7.236	98	781078	44.554	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.100%			
62) 4-Bromofluorobenzene	10.001	95	308485	42.744	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 85.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.564	59	6739313	5776.520	ug/l	99
17) Carbon Disulfide	2.262	76	15123	0.860	ug/l #	94
19) Methyl tert-butyl Ether	2.690	73	41998987m	2291.976	ug/l	
40) Benzene	5.011	78	934249	31.791	ug/l	98
73) Isopropylbenzene	9.860	105	14732	0.595	ug/l	99

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

Sample Results: **VV039257.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039257.D
Acq On : 03 Oct 2025 18:04
Operator : SY/MD
Sample : Q3201-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
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ClientSampleId :
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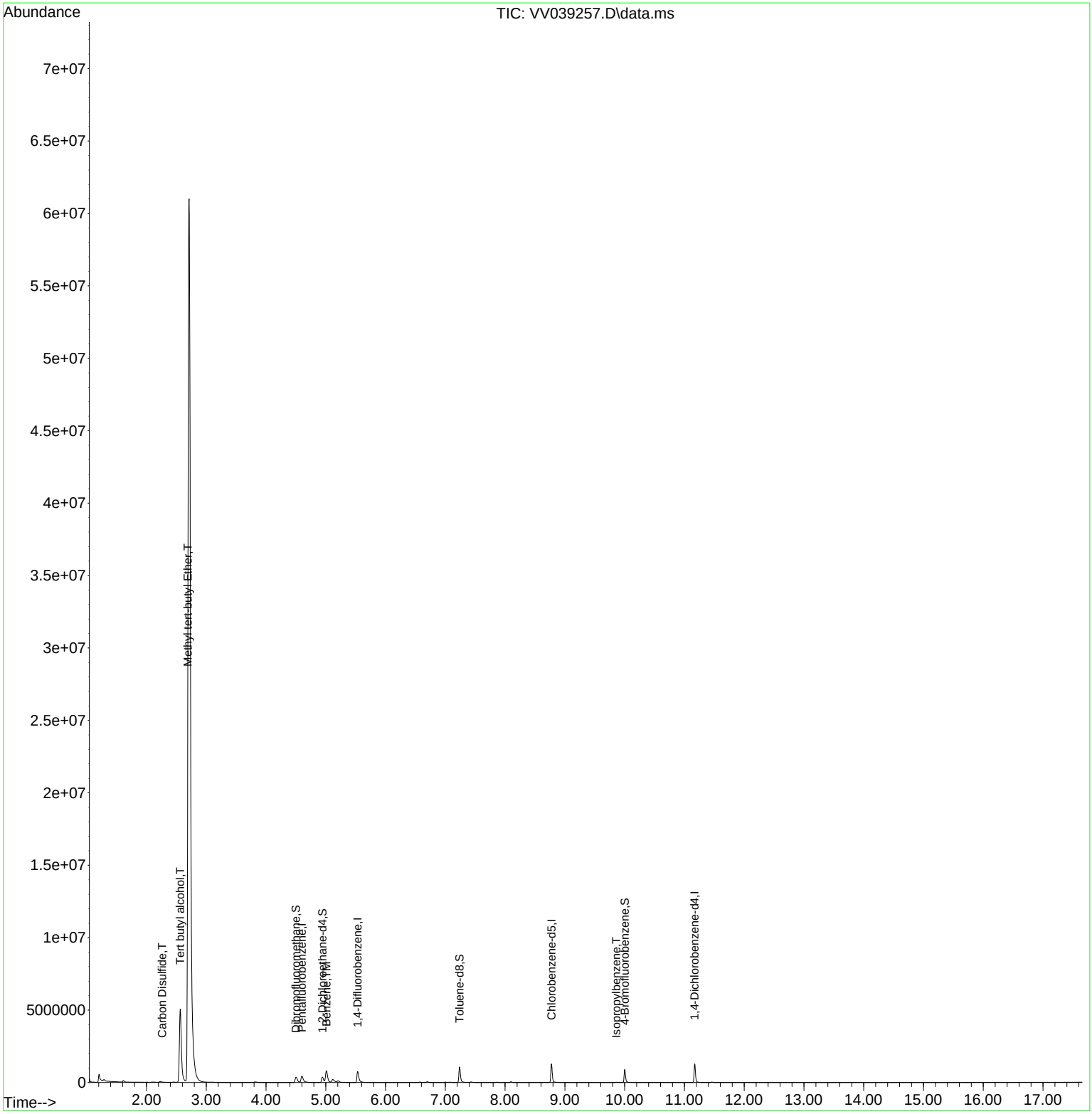
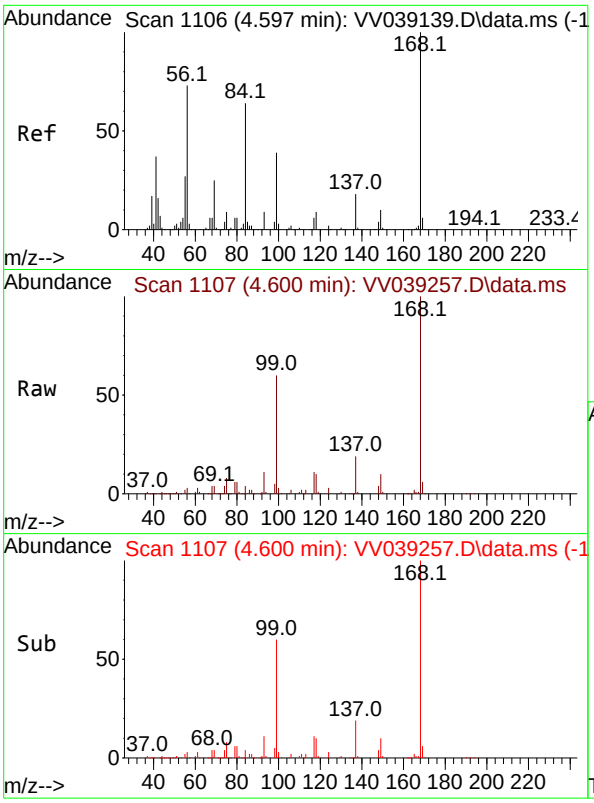
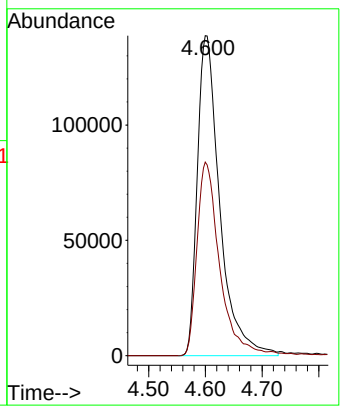




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:168 Resp: 38140

Ion	Ratio	Lower	Upper
168	100		
99	60.5	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW14

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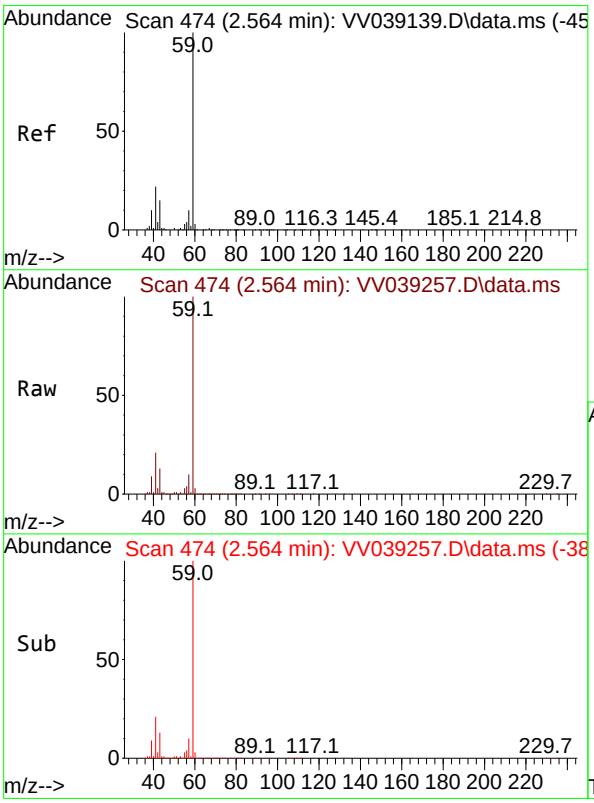
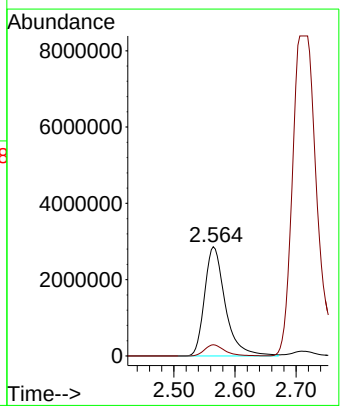
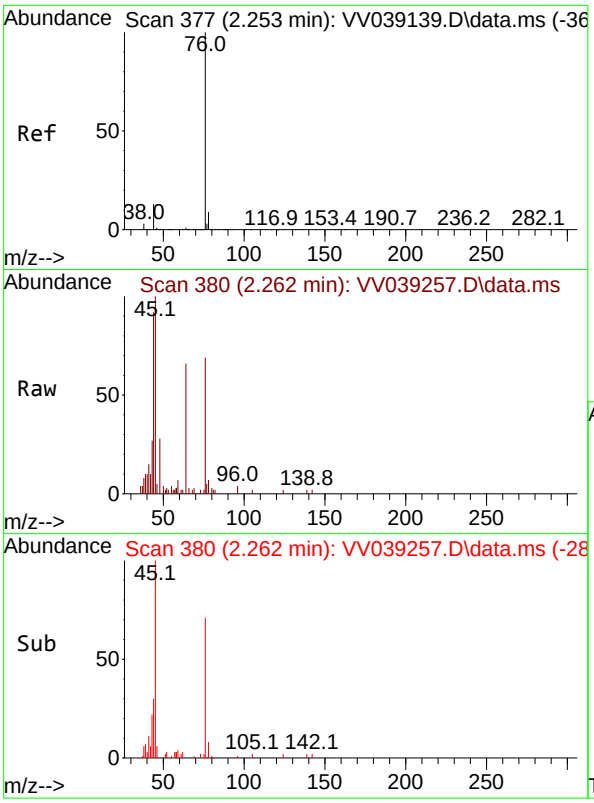


#11
Tert butyl alcohol
Concen: 5776.520 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.000 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 59 Resp: 6739313

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8





#17
Carbon Disulfide
Concen: 0.860 ug/l
RT: 2.262 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 76 Resp: 1512

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.4	11.0#

Instrument :
MSVOA_V
ClientSampleId :
MW14

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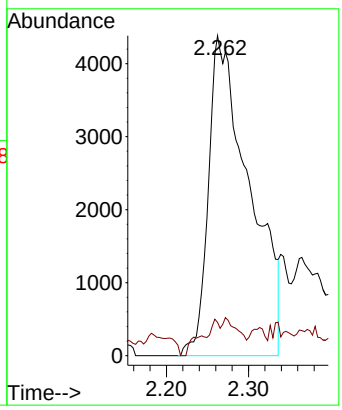
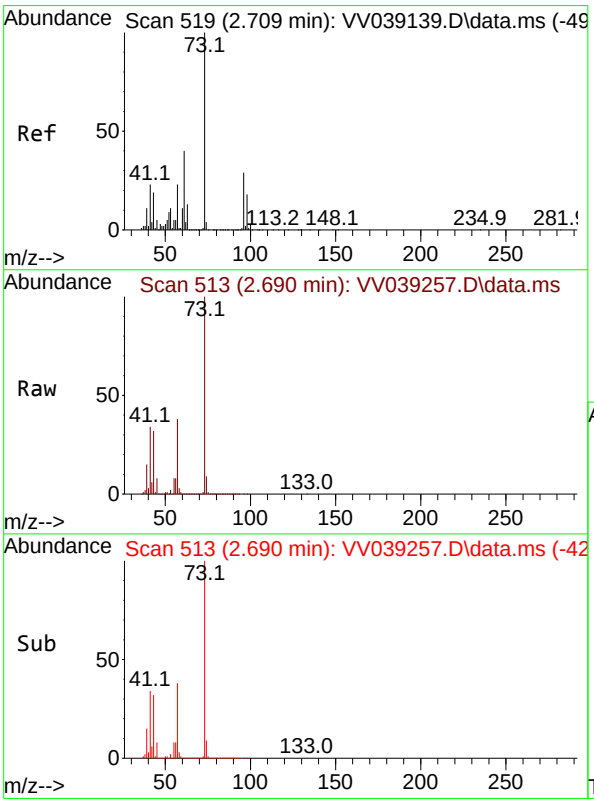
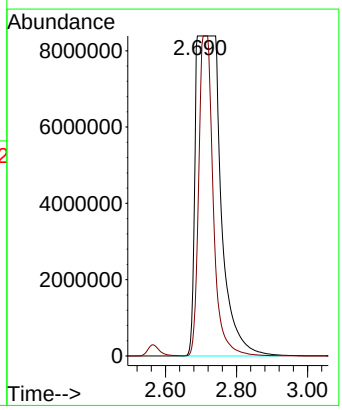


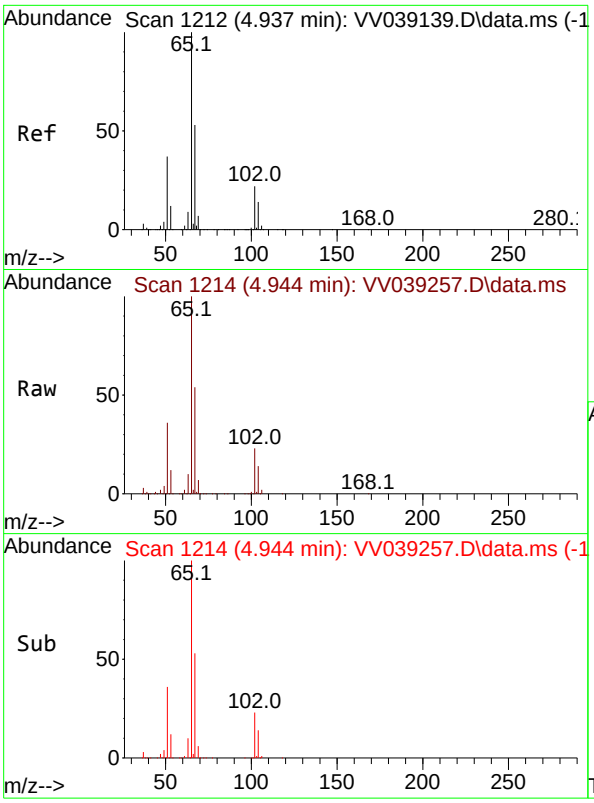


#19
Methyl tert-butyl Ether
Concen: 2291.976 ug/l m
RT: 2.690 min Scan# 513
Delta R.T. -0.019 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 73 Resp:41998987

Ion	Ratio	Lower	Upper
73	100		
57	37.6	18.2	27.4#

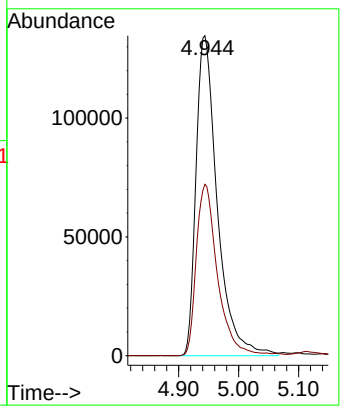




#33
1,2-Dichloroethane-d4
Concen: 60.322 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 65 Resp: 33297

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.0



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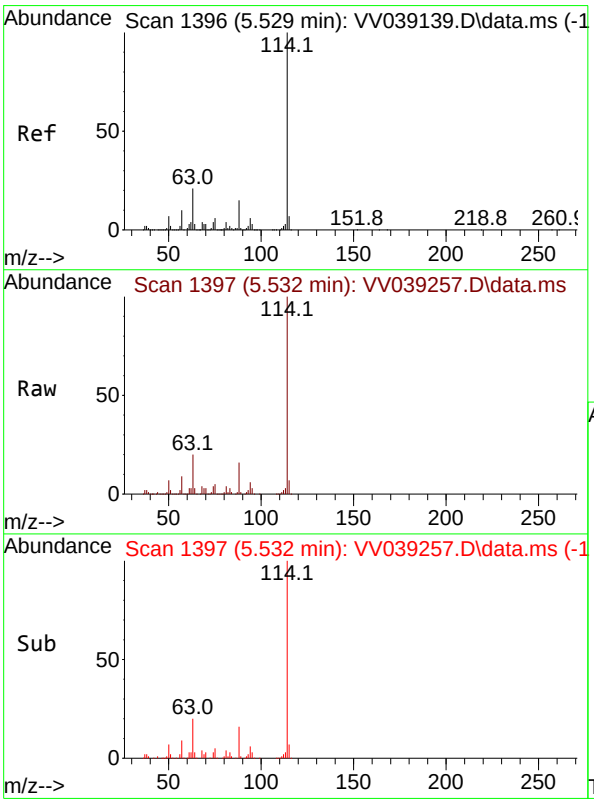
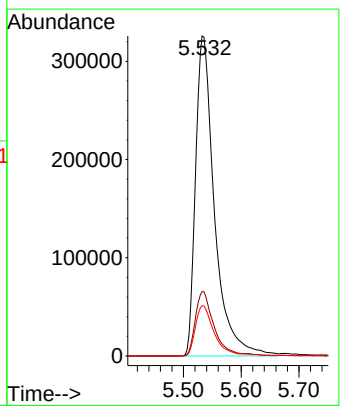
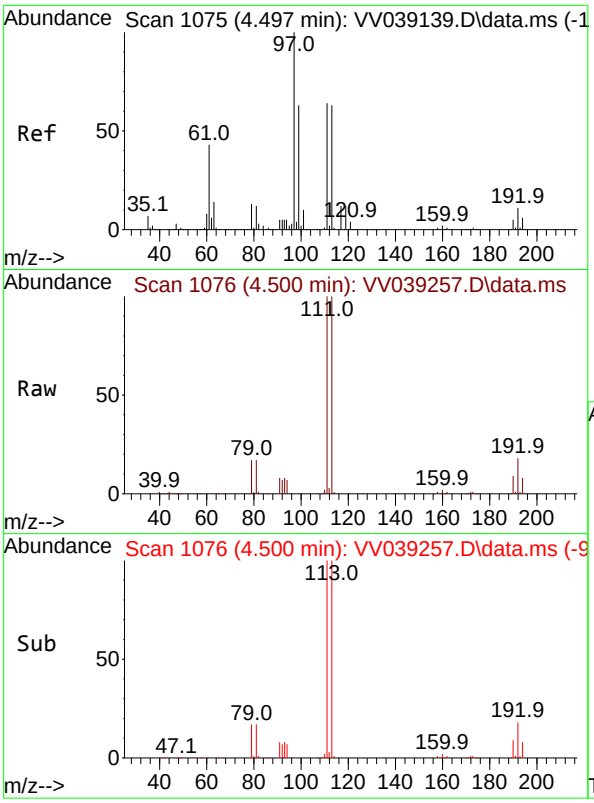


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:114 Resp: 742495

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	15.7	0.0	30.8

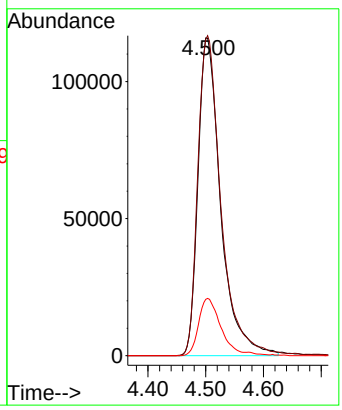




#35
Dibromofluoromethane
Concen: 53.066 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:113 Resp: 31675

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	17.4	13.8	20.8



Instrument :
MSVOA_V
ClientSampleId :
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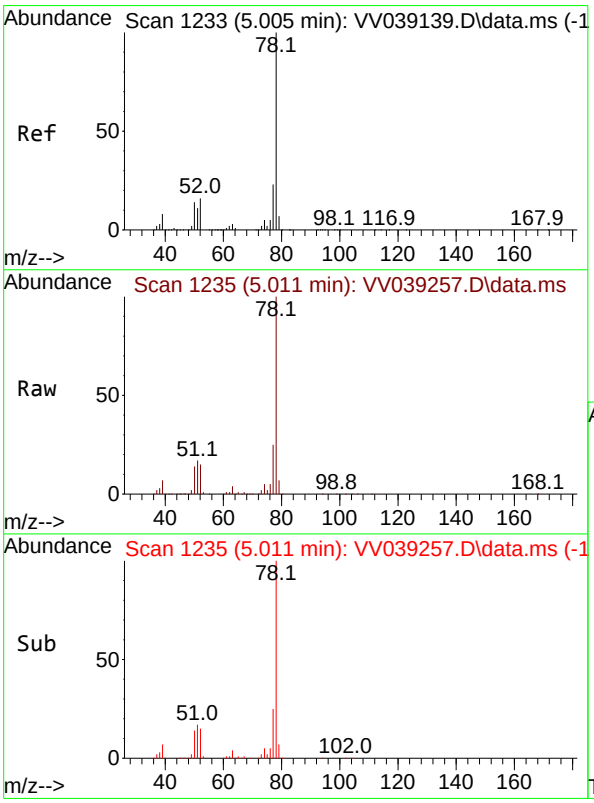
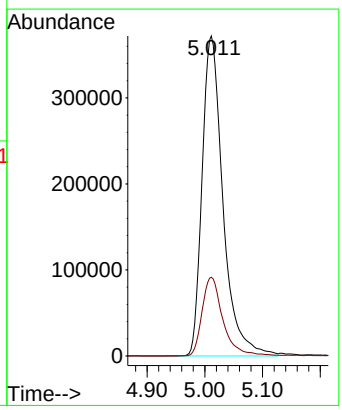
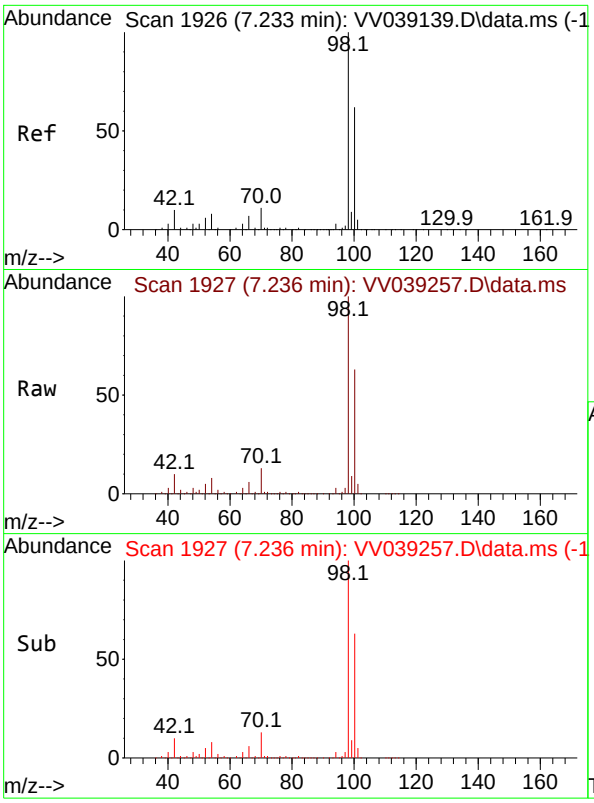


#40
Benzene
Concen: 31.791 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 78 Resp: 934249

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1

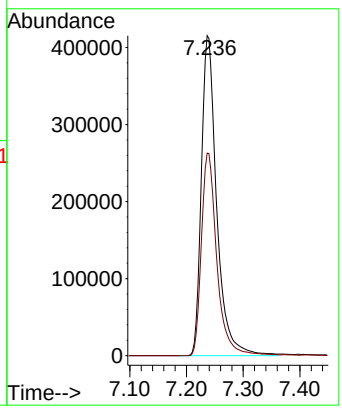




#50
Toluene-d8
Concen: 44.554 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 98 Resp: 78107

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2



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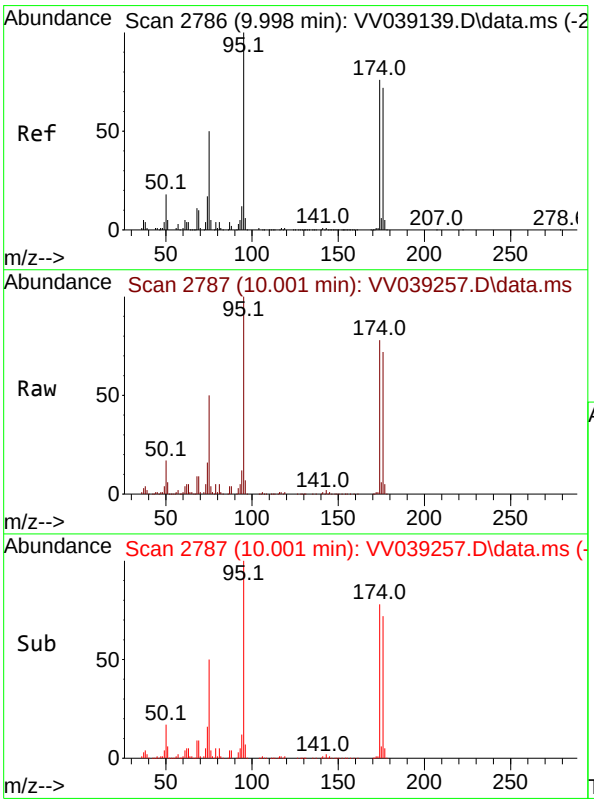
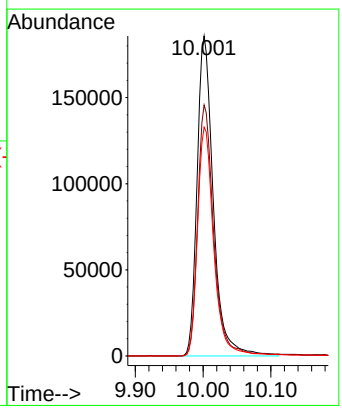
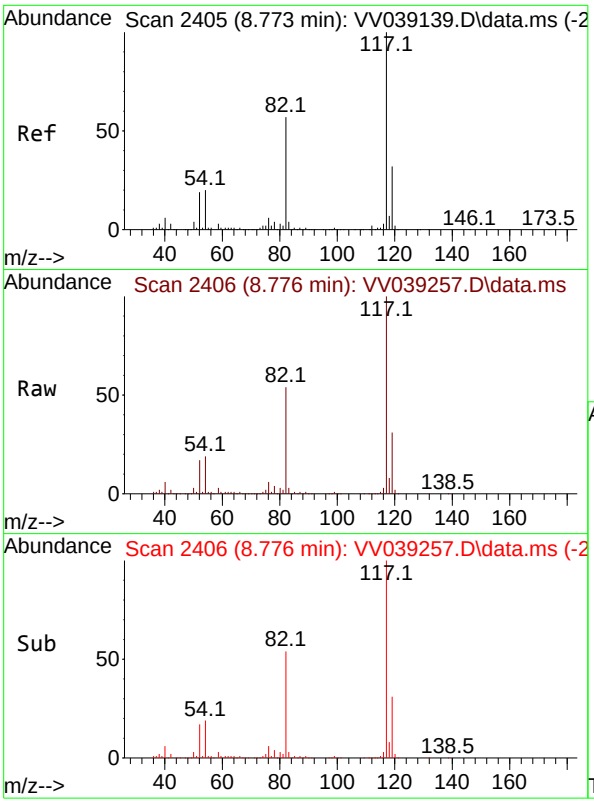


#62
4-Bromofluorobenzene
Concen: 42.744 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 95 Resp: 308485

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	150.4
176	71.2	0.0	144.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:117 Resp: 73118

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.2
119	31.4	25.6	38.4

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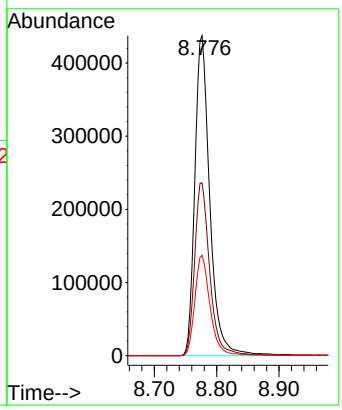
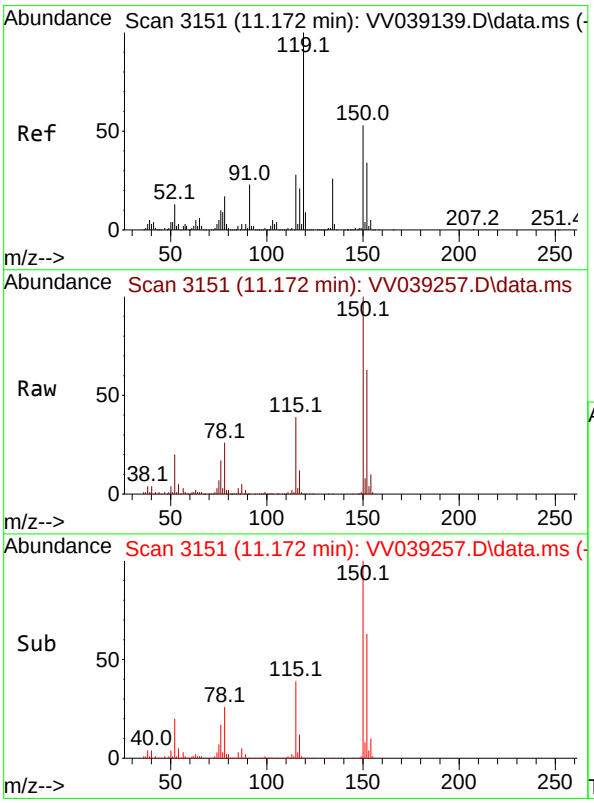
Supervised By :Semsettin Yesilyurt 10/06/2025

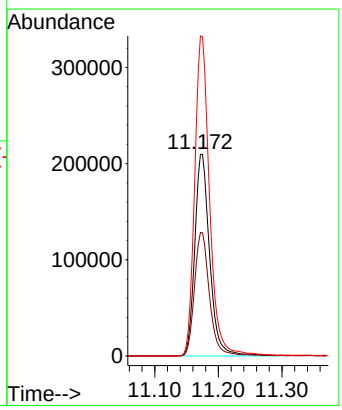


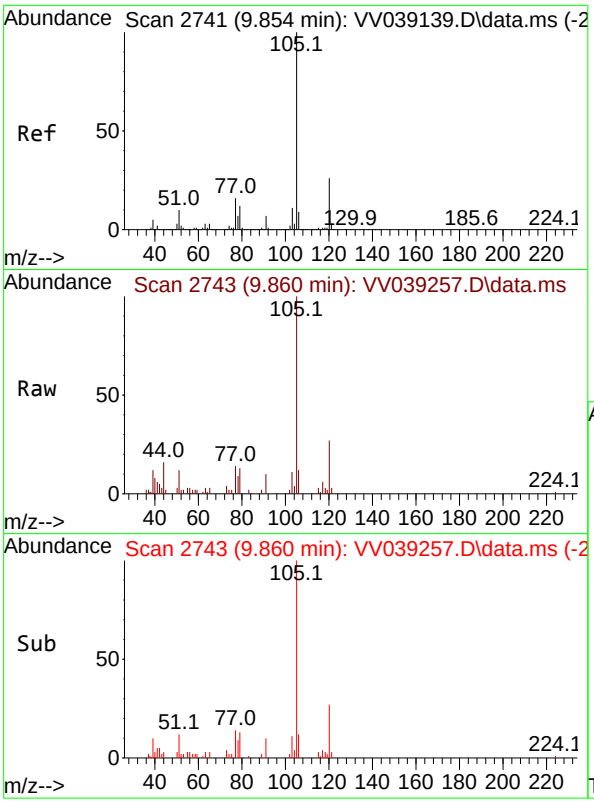


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:152 Resp: 341647

Ion	Ratio	Lower	Upper
152	100		
115	61.1	44.8	134.4
150	158.6	0.0	353.8

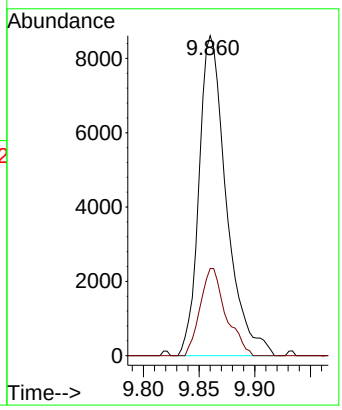




#73
Isopropylbenzene
Concen: 0.595 ug/l
RT: 9.860 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion:105 Resp: 1473

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
MW14

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Raw Data: **VV039272.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039272.D	100	10/06/25 14:41	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.0	UD	22.0	100	ug/L
74-87-3	Chloromethane	32.0	UD	32.0	100	ug/L
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
74-83-9	Bromomethane	140	UD	140	500	ug/L
75-00-3	Chloroethane	47.0	UD	47.0	100	ug/L
75-69-4	Trichlorofluoromethane	33.0	UD	33.0	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	UD	25.0	100	ug/L
75-65-0	Tert butyl alcohol	5700	D	550	2500	ug/L
75-35-4	1,1-Dichloroethene	23.0	UD	23.0	100	ug/L
67-64-1	Acetone	150	UD	150	500	ug/L
75-15-0	Carbon Disulfide	21.0	UD	21.0	100	ug/L
1634-04-4	Methyl tert-butyl Ether	5900	D	16.0	100	ug/L
79-20-9	Methyl Acetate	27.0	UD	27.0	100	ug/L
75-09-2	Methylene Chloride	28.0	UD	28.0	100	ug/L
156-60-5	trans-1,2-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
110-82-7	Cyclohexane	150	UD	150	500	ug/L
78-93-3	2-Butanone	98.0	UD	98.0	500	ug/L
56-23-5	Carbon Tetrachloride	25.0	UD	25.0	100	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0	UD	19.0	100	ug/L
74-97-5	Bromochloromethane	22.0	UD	22.0	100	ug/L
67-66-3	Chloroform	25.0	UD	25.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
108-87-2	Methylcyclohexane	16.0	UD	16.0	100	ug/L
71-43-2	Benzene	28.5	JD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	9.30	UD	9.30	100	ug/L
78-87-5	1,2-Dichloropropane	20.0	UD	20.0	100	ug/L
75-27-4	Bromodichloromethane	22.0	UD	22.0	100	ug/L
108-10-1	4-Methyl-2-Pentanone	68.0	UD	68.0	500	ug/L

Raw Data: **VV039272.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039272.D	100	10/06/25 14:41	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	14.0	UD	14.0	100	ug/L
10061-02-6	t-1,3-Dichloropropene	17.0	UD	17.0	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	16.0	UD	16.0	100	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	UD	21.0	100	ug/L
591-78-6	2-Hexanone	89.0	UD	89.0	500	ug/L
124-48-1	Dibromochloromethane	18.0	UD	18.0	100	ug/L
106-93-4	1,2-Dibromoethane	15.0	UD	15.0	100	ug/L
127-18-4	Tetrachloroethene	23.0	UD	23.0	100	ug/L
108-90-7	Chlorobenzene	12.0	UD	12.0	100	ug/L
100-41-4	Ethyl Benzene	13.0	UD	13.0	100	ug/L
179601-23-1	m/p-Xylenes	24.0	UD	24.0	200	ug/L
95-47-6	o-Xylene	12.0	UD	12.0	100	ug/L
100-42-5	Styrene	15.0	UD	15.0	100	ug/L
75-25-2	Bromoform	19.0	UD	19.0	100	ug/L
98-82-8	Isopropylbenzene	12.0	UD	12.0	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	26.0	UD	26.0	100	ug/L
541-73-1	1,3-Dichlorobenzene	16.0	UD	16.0	100	ug/L
106-46-7	1,4-Dichlorobenzene	19.0	UD	19.0	100	ug/L
95-50-1	1,2-Dichlorobenzene	16.0	UD	16.0	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.0	UD	53.0	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.0	UD	20.0	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0	UD	20.0	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		70 (75) - 130 (124)	111%	SPK: 50
2037-26-5	Toluene-d8	42.5		70 (86) - 130 (113)	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	445000	4.603			
540-36-3	1,4-Difluorobenzene	757000	5.535			
3114-55-4	Chlorobenzene-d5	774000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	418000	11.175			

Raw Data: **VV039272.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW14DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039272.D	100	10/06/25 14:41	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VV039272.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039272.D
Acq On : 06 Oct 2025 14:41
Operator : SY/MD
Sample : Q3201-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 07 03:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	444773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	756536	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	773912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	417747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	336432	52.264	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.520%			
35) Dibromofluoromethane	4.503	113	336925	55.398	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 110.800%			
50) Toluene-d8	7.239	98	758388	42.456	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 84.920%#			
62) 4-Bromofluorobenzene	10.001	95	353438	48.063	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	77290	56.809	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1259798	58.954	ug/l	99
40) Benzene	5.030	78	8548m	0.285	ug/l	

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

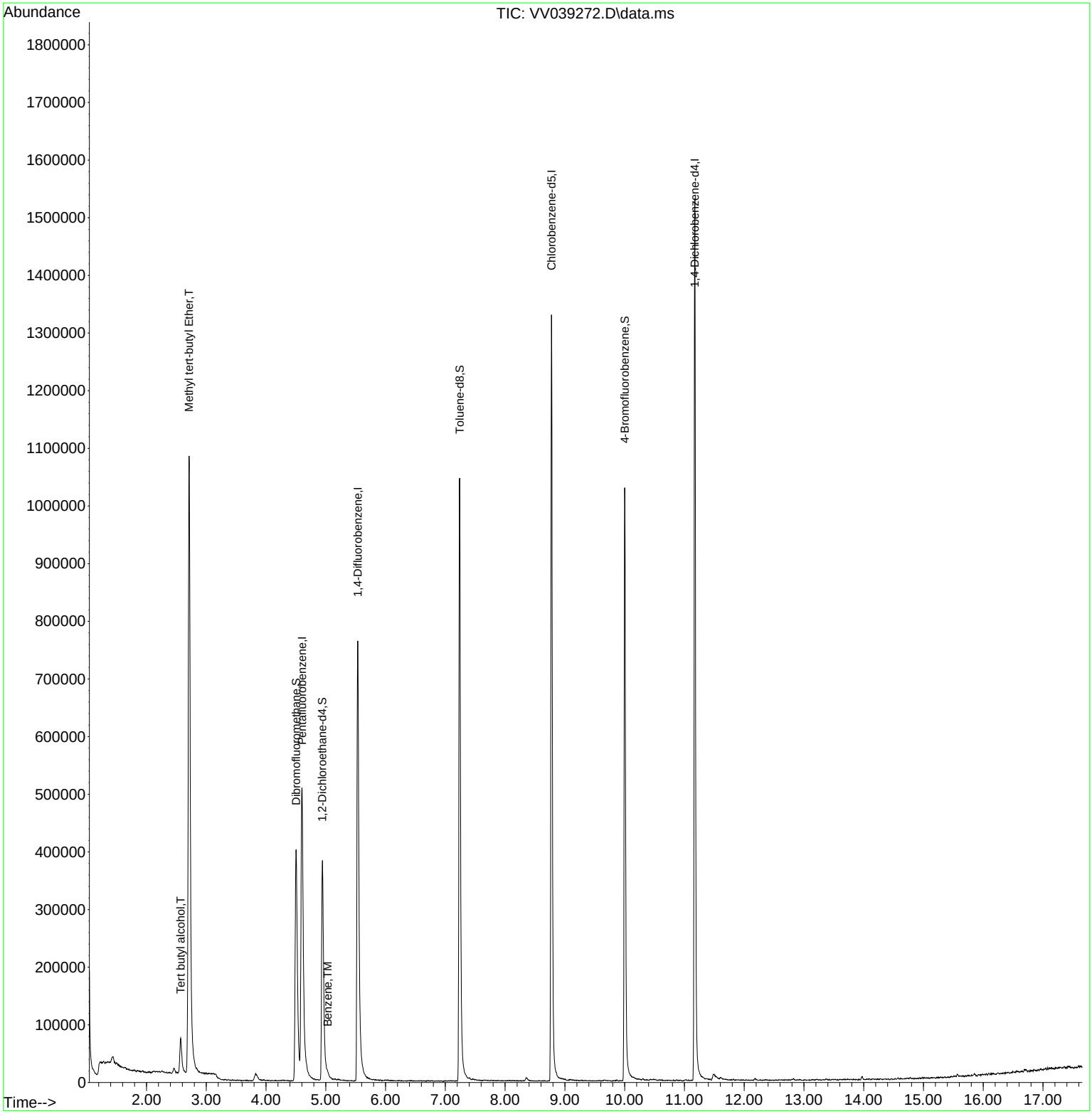
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039272.D
Acq On : 06 Oct 2025 14:41
Operator : SY/MD
Sample : Q3201-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

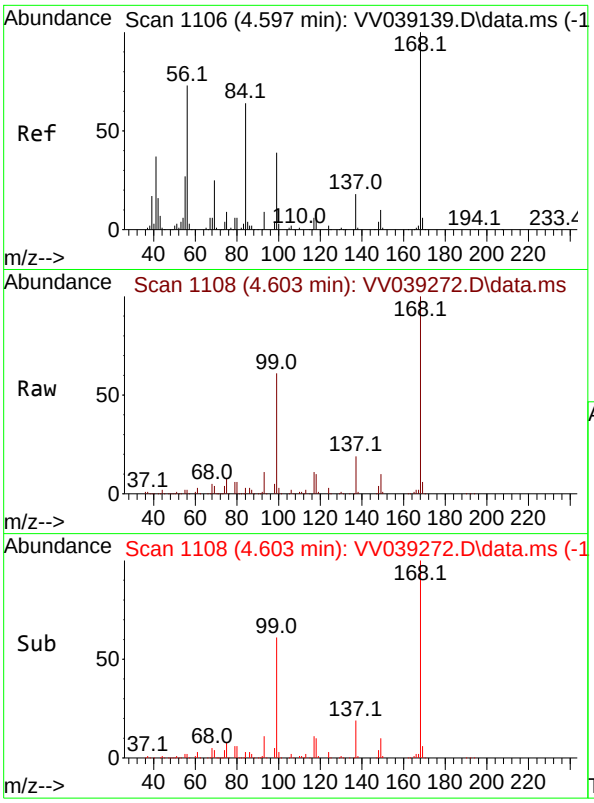
Quant Time: Oct 07 03:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

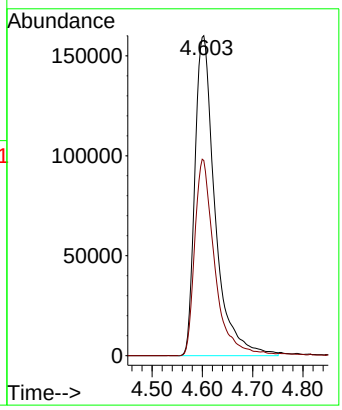




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:168 Resp: 44477

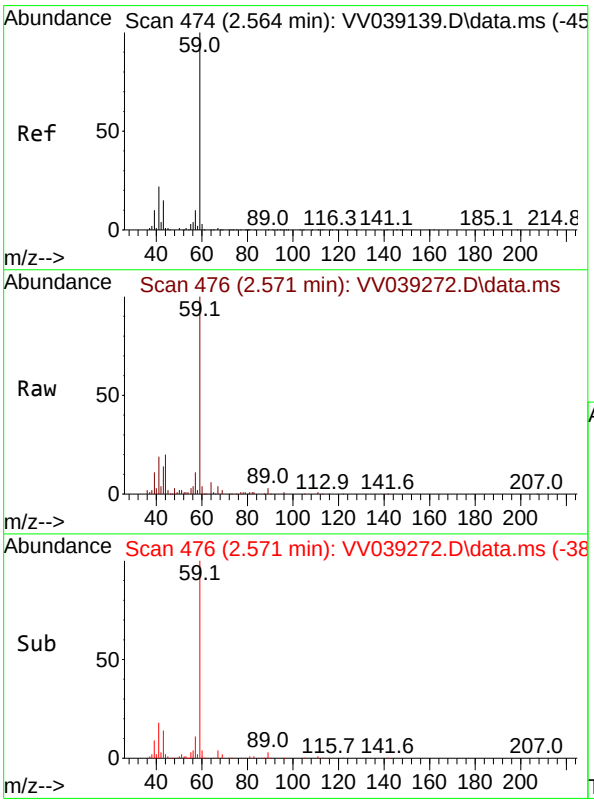
Ion	Ratio	Lower	Upper
168	100		
99	61.0	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

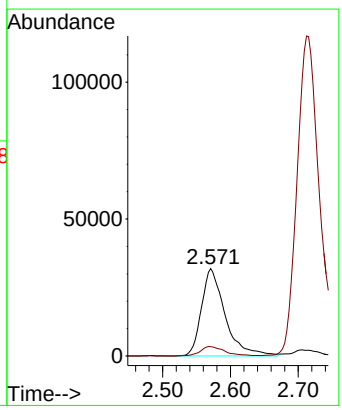
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

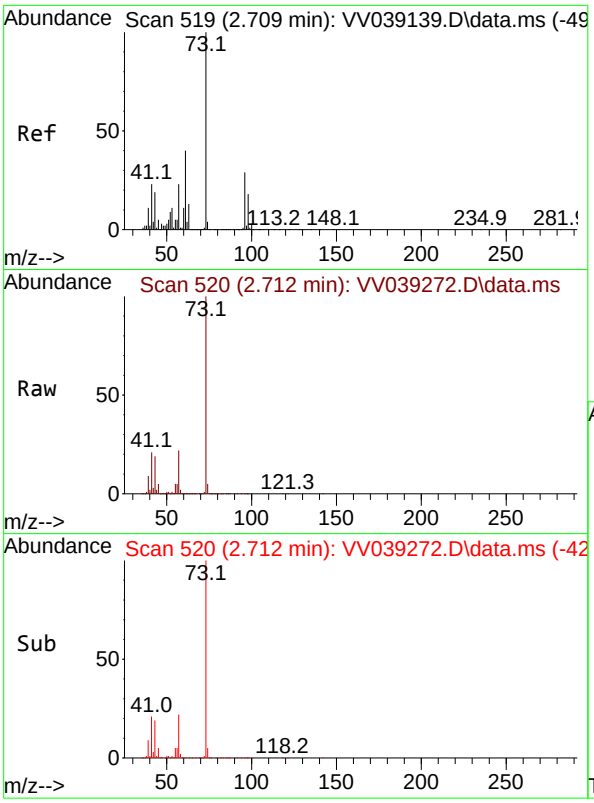


#11
Tert butyl alcohol
Concen: 56.809 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 59 Resp: 77290

Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.8	11.8





#19
Methyl tert-butyl Ether
Concen: 58.954 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

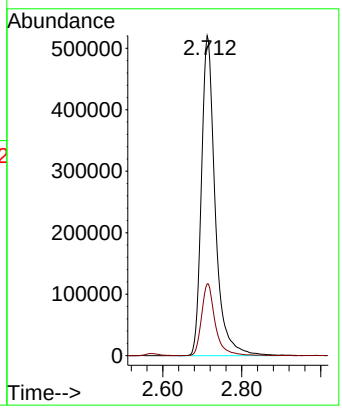
Tgt Ion: 73 Resp: 125979

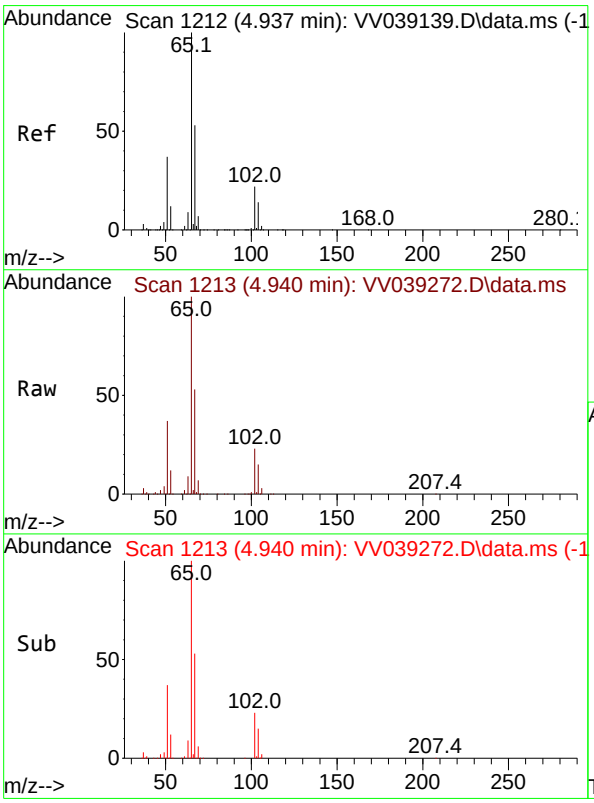
Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

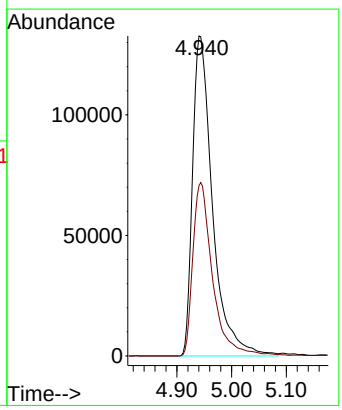


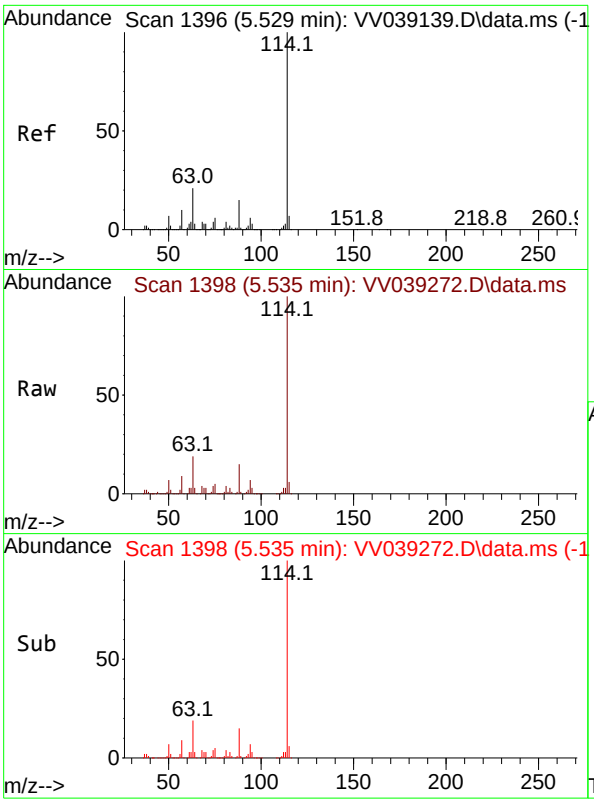


#33
1,2-Dichloroethane-d4
Concen: 52.264 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 65 Resp: 336432

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

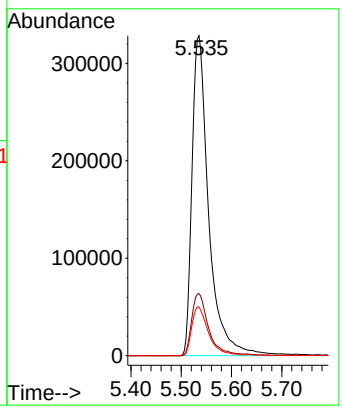
Tgt Ion:114 Resp: 75653

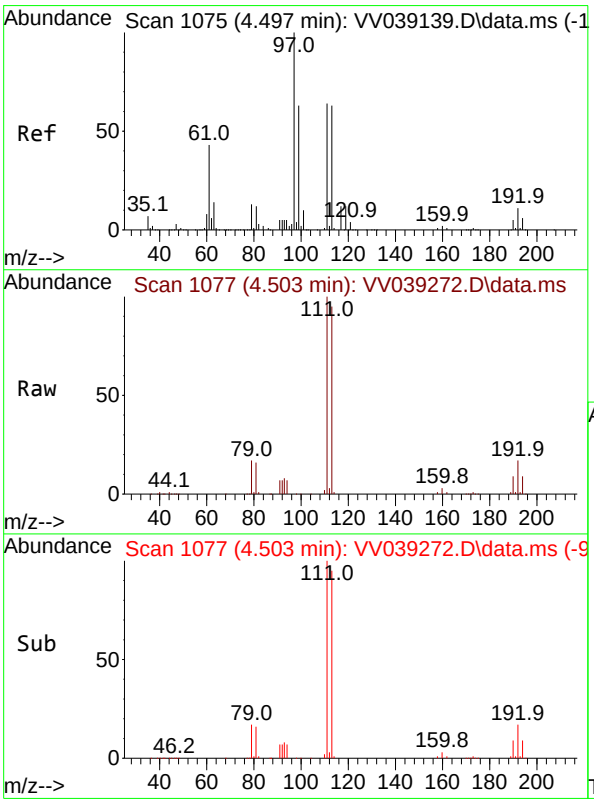
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	15.2	0.0	30.8

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

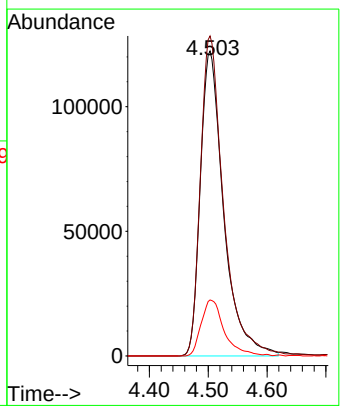


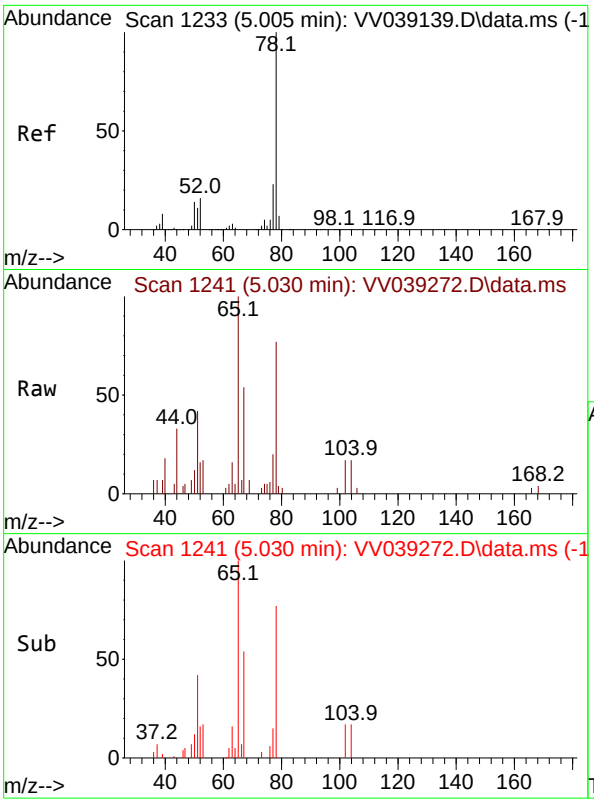


#35
Dibromofluoromethane
Concen: 55.398 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:113 Resp: 336925

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	18.1	13.8	20.8





#40
Benzene
Concen: 0.285 ug/l m
RT: 5.030 min Scan# 1
Delta R.T. 0.025 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

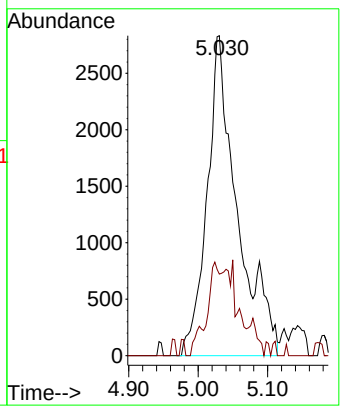
Tgt Ion: 78 Resp: 854

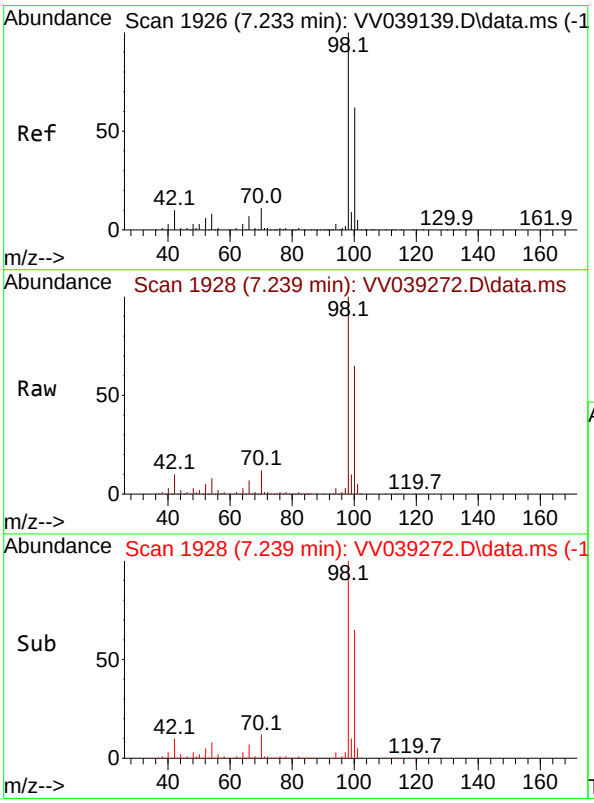
Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.7	28.1

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

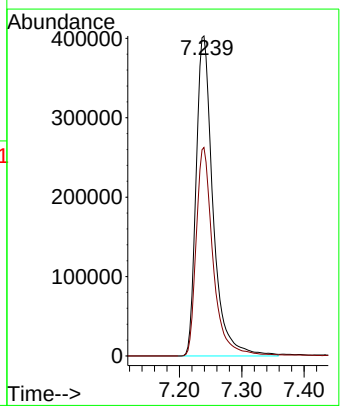


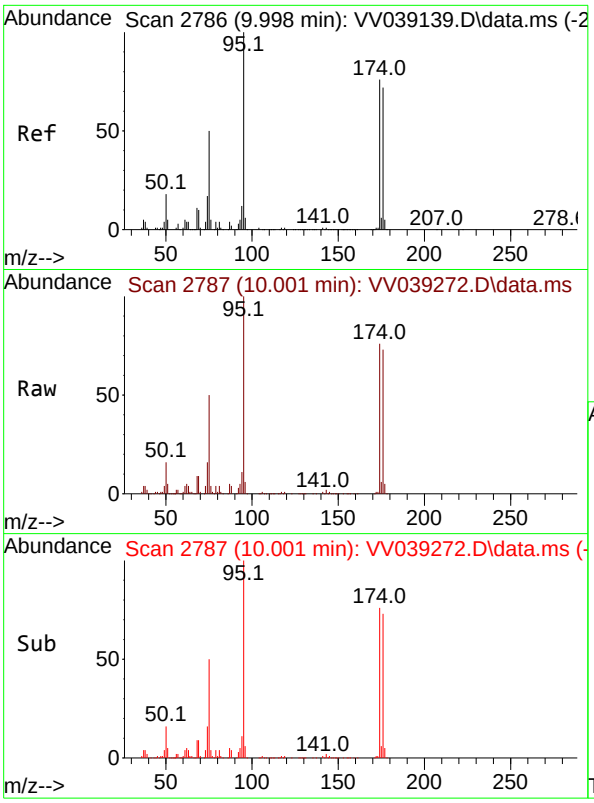


#50
Toluene-d8
Concen: 42.456 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 98 Resp: 758388

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

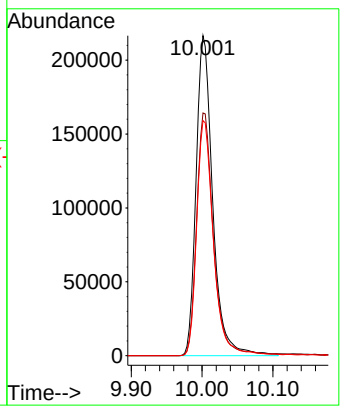




#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 95 Resp: 35343

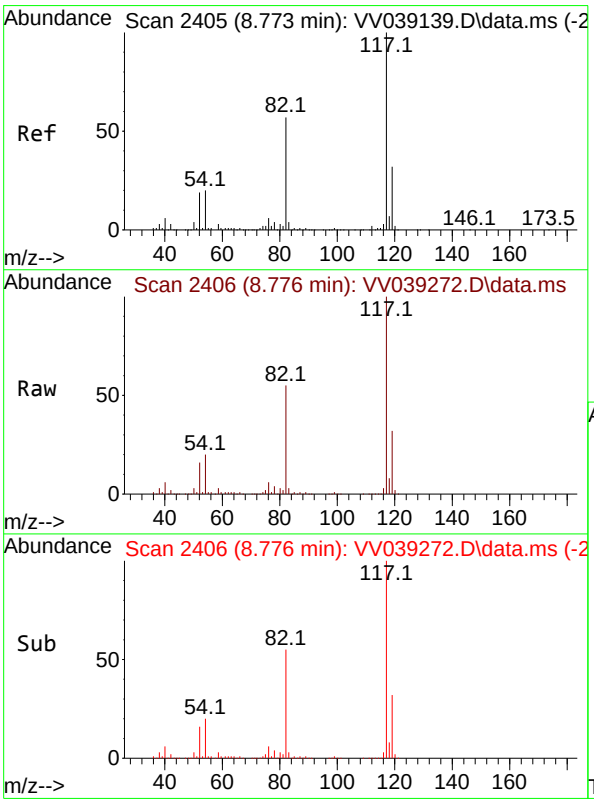
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	74.3	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

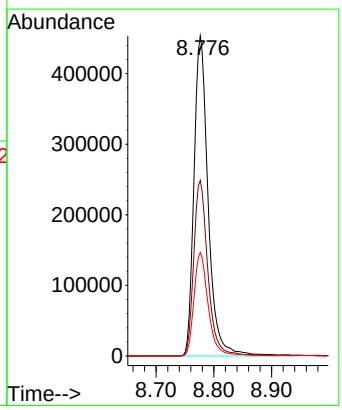
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

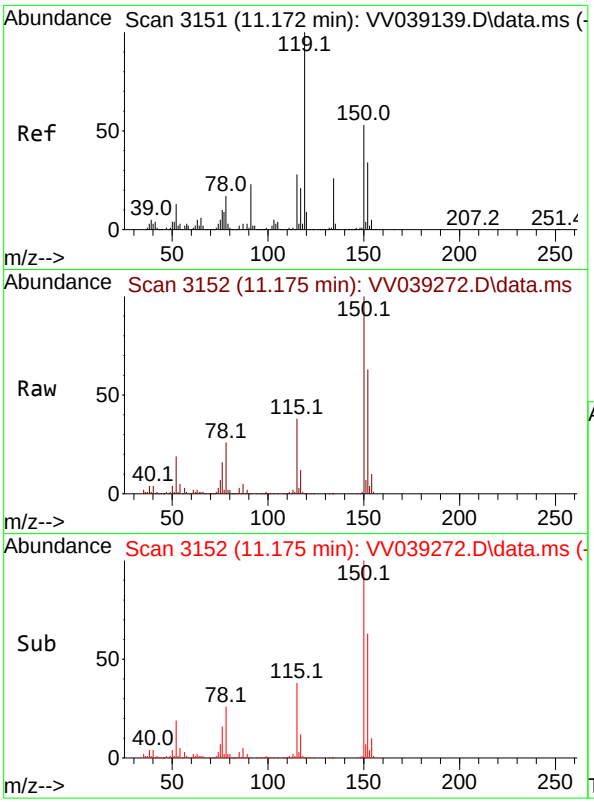


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:117 Resp: 773912

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.4	68.2
119	32.3	25.6	38.4

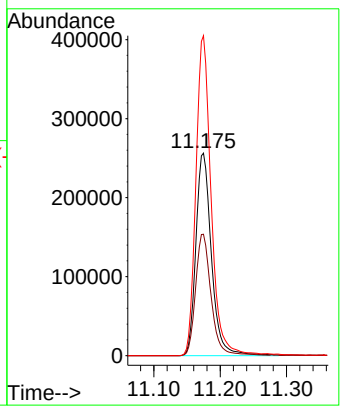




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:152 Resp: 41774

Ion	Ratio	Lower	Upper
152	100		
115	59.8	44.8	134.4
150	154.1	0.0	353.8



Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW15	SDG No.:	Q3201
Lab Sample ID:	Q3201-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048021.D	1	10/06/25 14:07	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	2.80	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VX048021.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW15	SDG No.:	Q3201
Lab Sample ID:	Q3201-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048021.D	1	10/06/25 14:07	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		70 (77) - 130 (121)	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	5.538			
540-36-3	1,4-Difluorobenzene	273000	6.751			
3114-55-4	Chlorobenzene-d5	290000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	150000	12.006			

Raw Data: **VX048021.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW15	SDG No.:	Q3201
Lab Sample ID:	Q3201-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048021.D	1	10/06/25 14:07	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048021.D
Acq On : 06 Oct 2025 14:07
Operator : JC/MD
Sample : Q3201-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW15

Quant Time: Oct 07 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

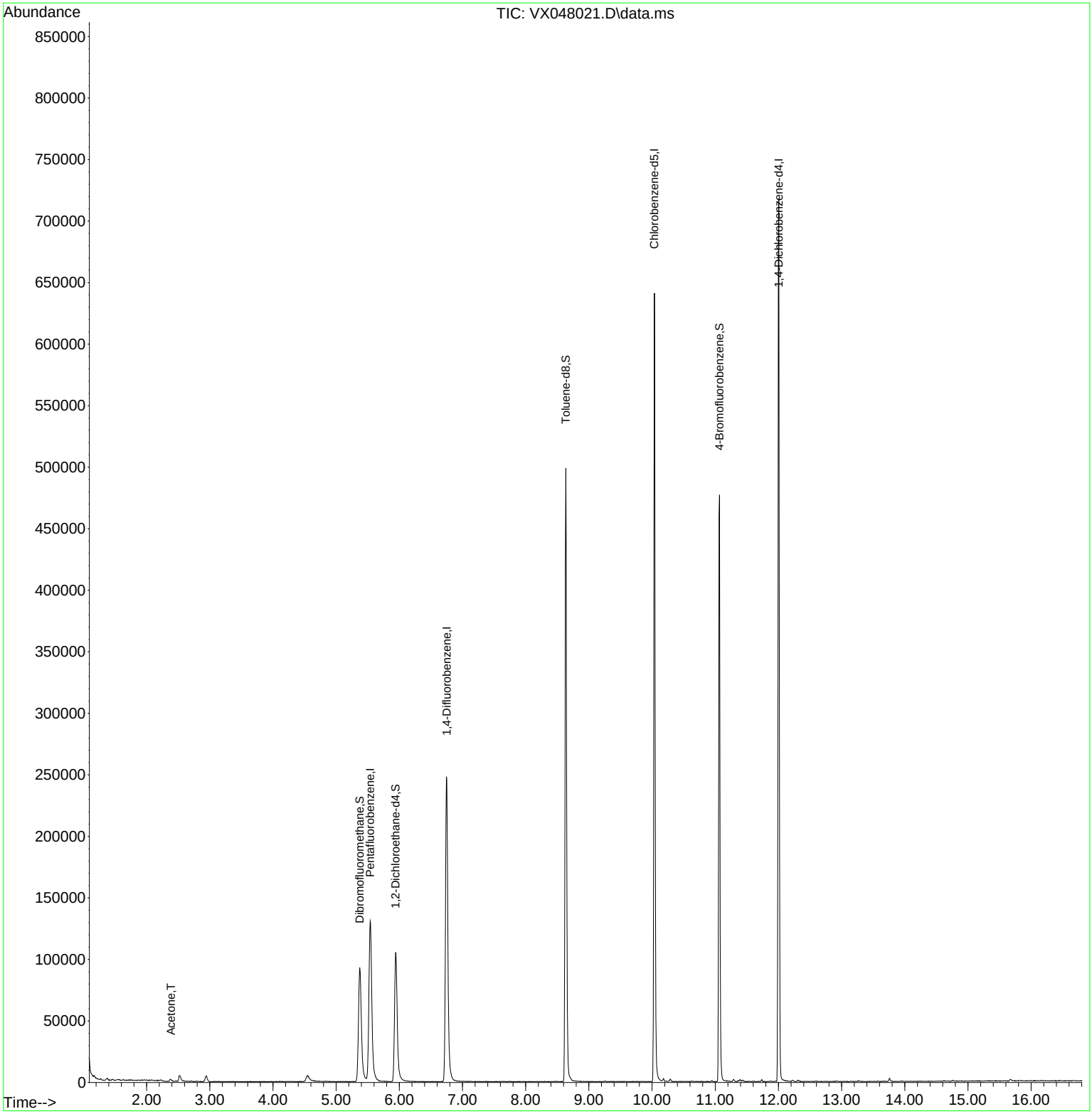
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	134028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	273148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114515	53.678	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.360%			
35) Dibromofluoromethane	5.373	113	91472	49.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	8.635	98	313165	49.405	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.067	95	139428	57.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.920%			
Target Compounds						Qvalue
16) Acetone	2.386	43	2563	2.763	ug/l #	68

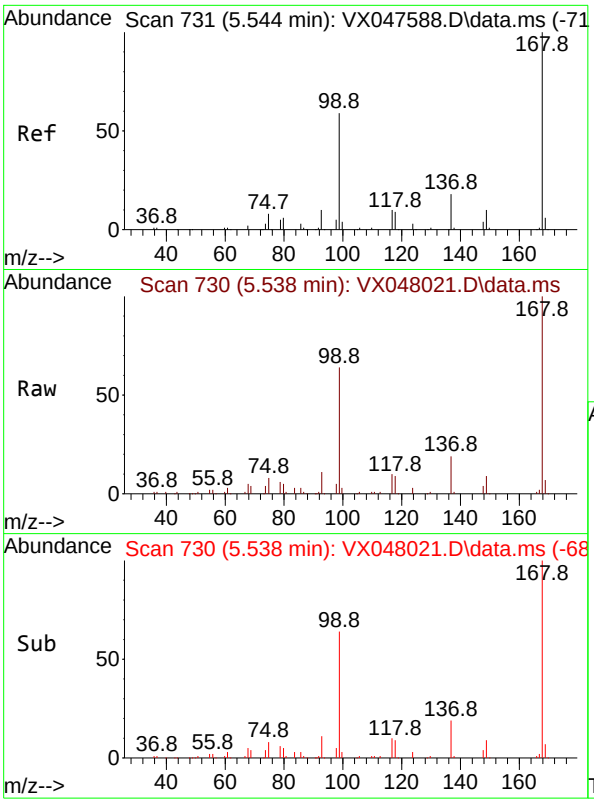
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048021.D
Acq On : 06 Oct 2025 14:07
Operator : JC/MD
Sample : Q3201-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW15

Quant Time: Oct 07 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



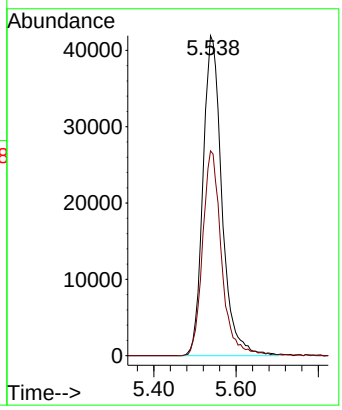


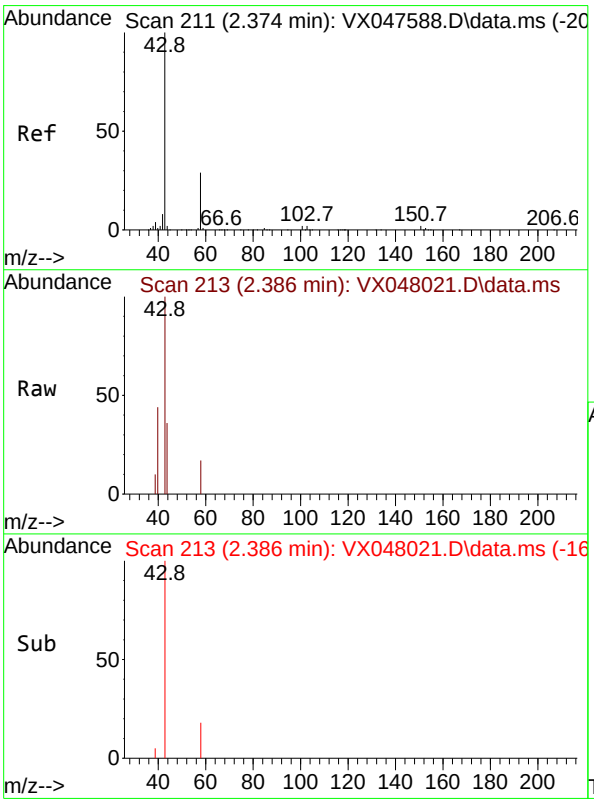
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion:168 Resp: 134028

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

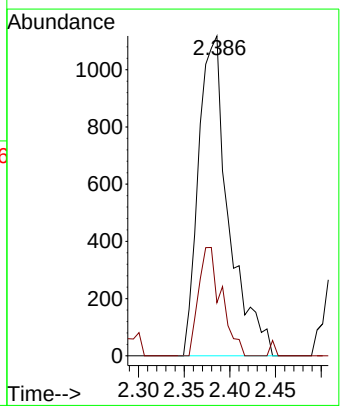


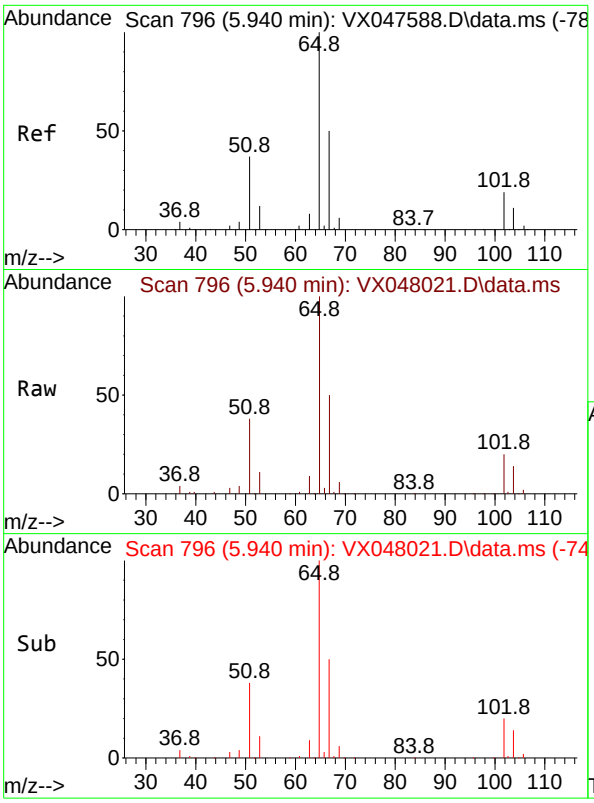


#16
Acetone
Concen: 2.763 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 43 Resp: 2563

Ion	Ratio	Lower	Upper
43	100		
58	12.2	23.4	35.0#



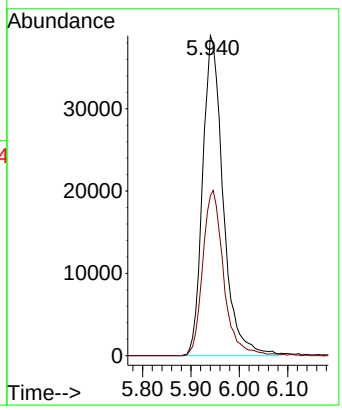


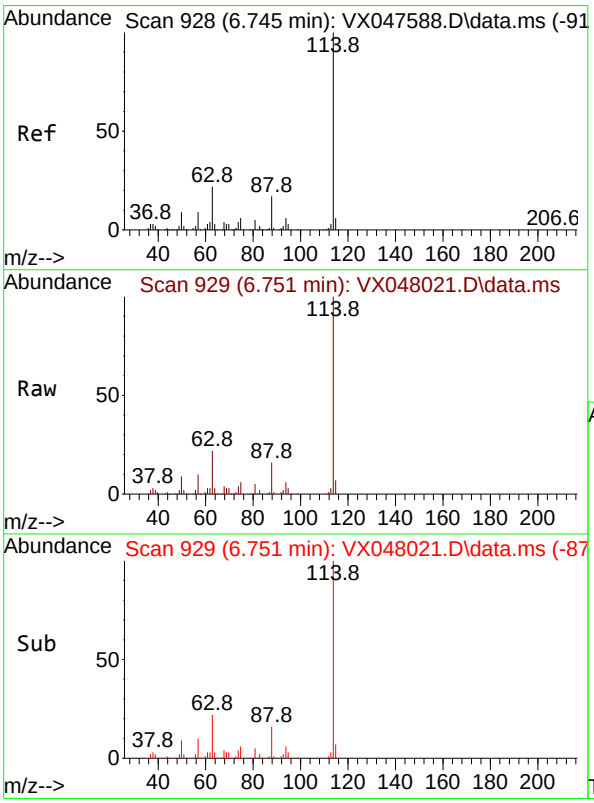
#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion: 65 Resp: 114515

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

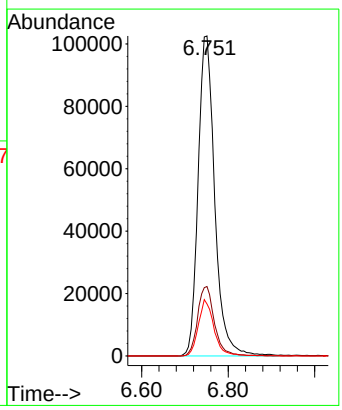


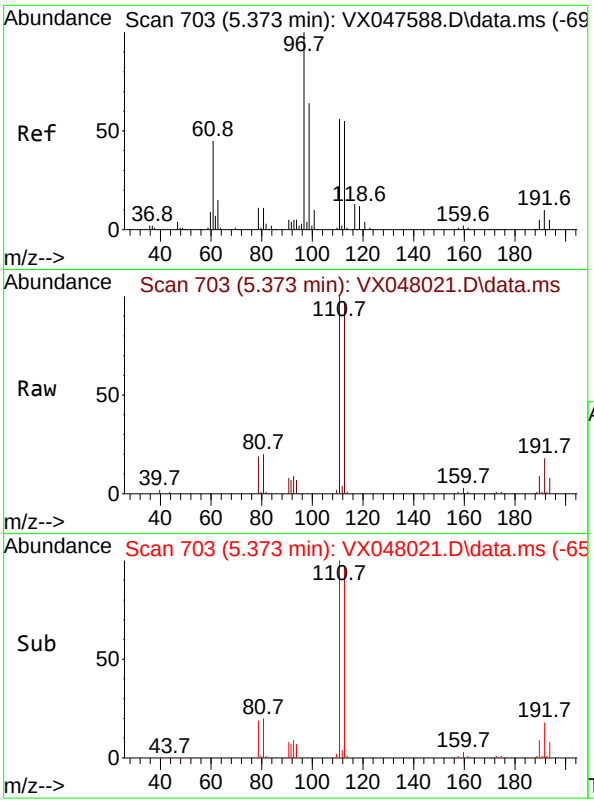


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion:114 Resp: 273148

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.3	0.0	34.2



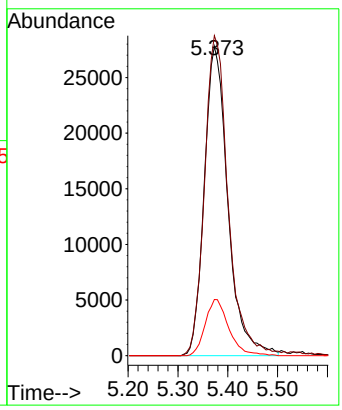


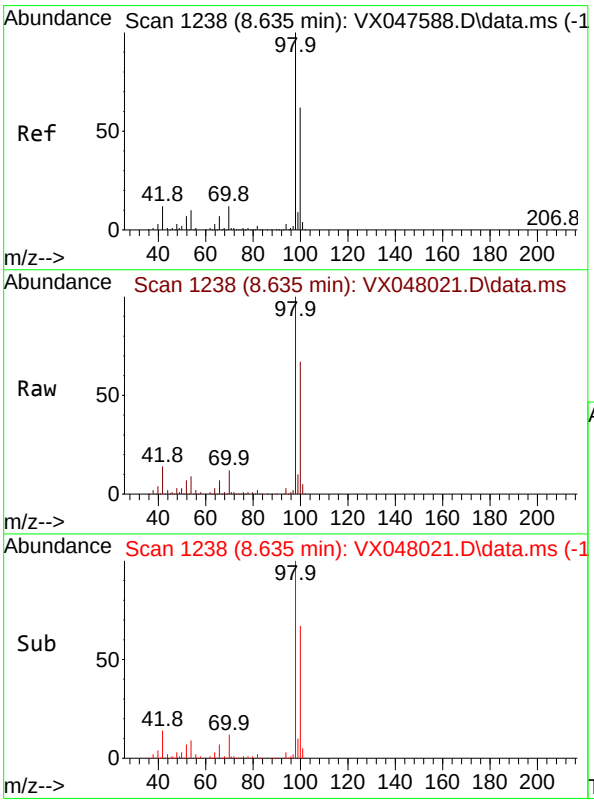
#35
Dibromofluoromethane
Concen: 49.933 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion:113 Resp: 91472

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.9	121.3
192	18.2	14.2	21.4

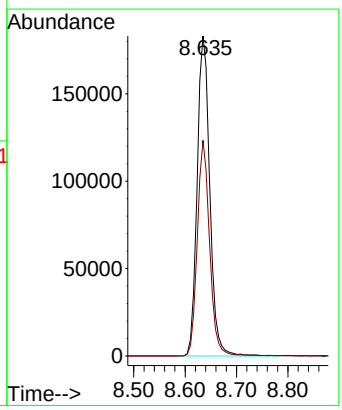


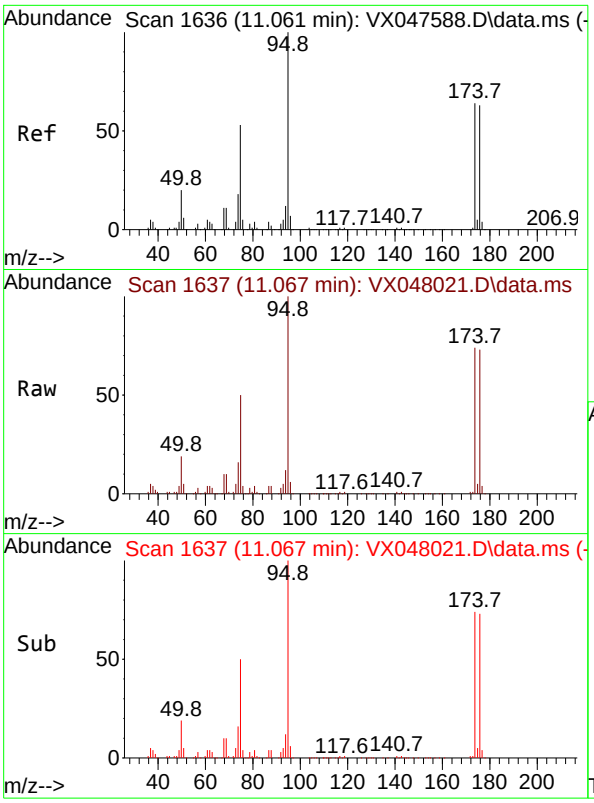


#50
Toluene-d8
Concen: 49.405 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 98 Resp: 313165

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



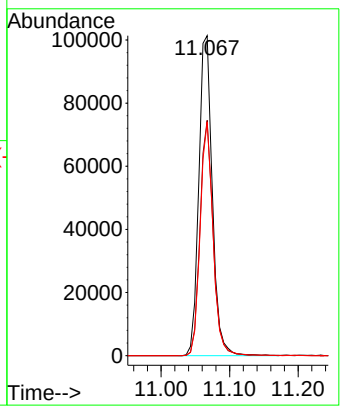


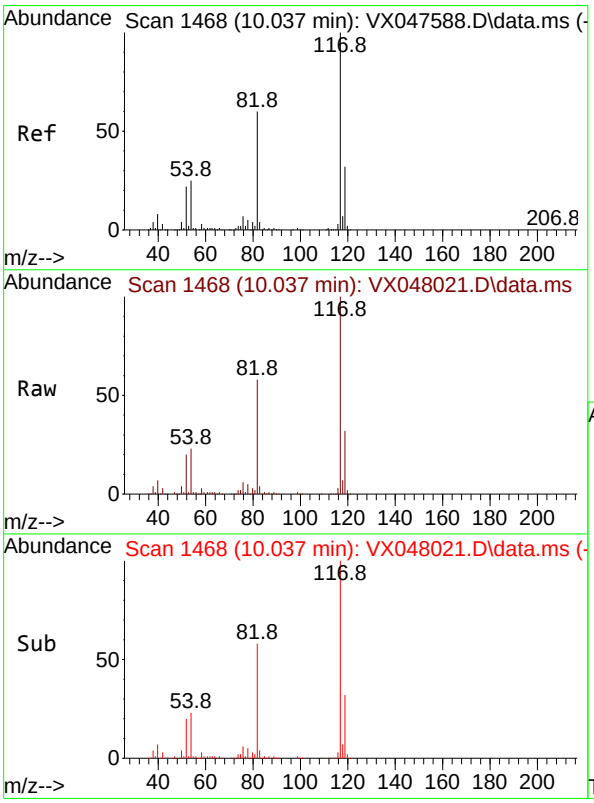
#62
4-Bromofluorobenzene
Concen: 57.959 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion: 95 Resp: 139428

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	141.6
176	69.8	0.0	138.4

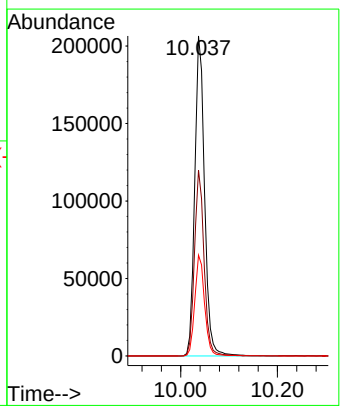


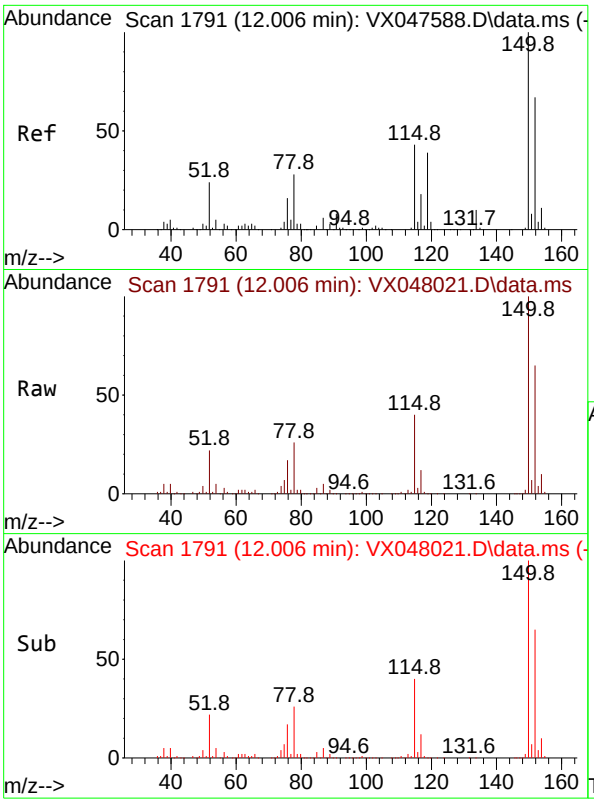


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion:117 Resp: 290347

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	31.5	25.2	37.8



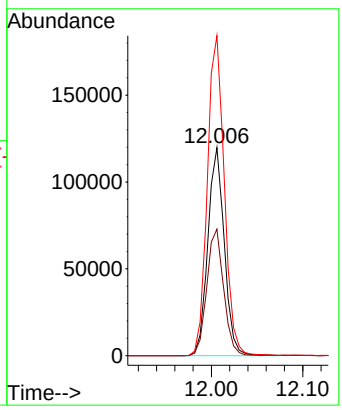


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion:152 Resp: 149616

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	158.1	0.0	352.0



Raw Data: **VX048022.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW10	SDG No.:	Q3201
Lab Sample ID:	Q3201-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048022.D	1	10/06/25 14:28	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	4.70	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW10	SDG No.:	Q3201
Lab Sample ID:	Q3201-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048022.D	1	10/06/25 14:28	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	49.0		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.1		70 (77) - 130 (121)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	137000	5.544			
540-36-3	1,4-Difluorobenzene	280000	6.751			
3114-55-4	Chlorobenzene-d5	291000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	152000	12.006			

Raw Data: **VX048022.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW10	SDG No.:	Q3201
Lab Sample ID:	Q3201-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048022.D	1	10/06/25 14:28	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048022.D
Acq On : 06 Oct 2025 14:28
Operator : JC/MD
Sample : Q3201-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Oct 07 02:14:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

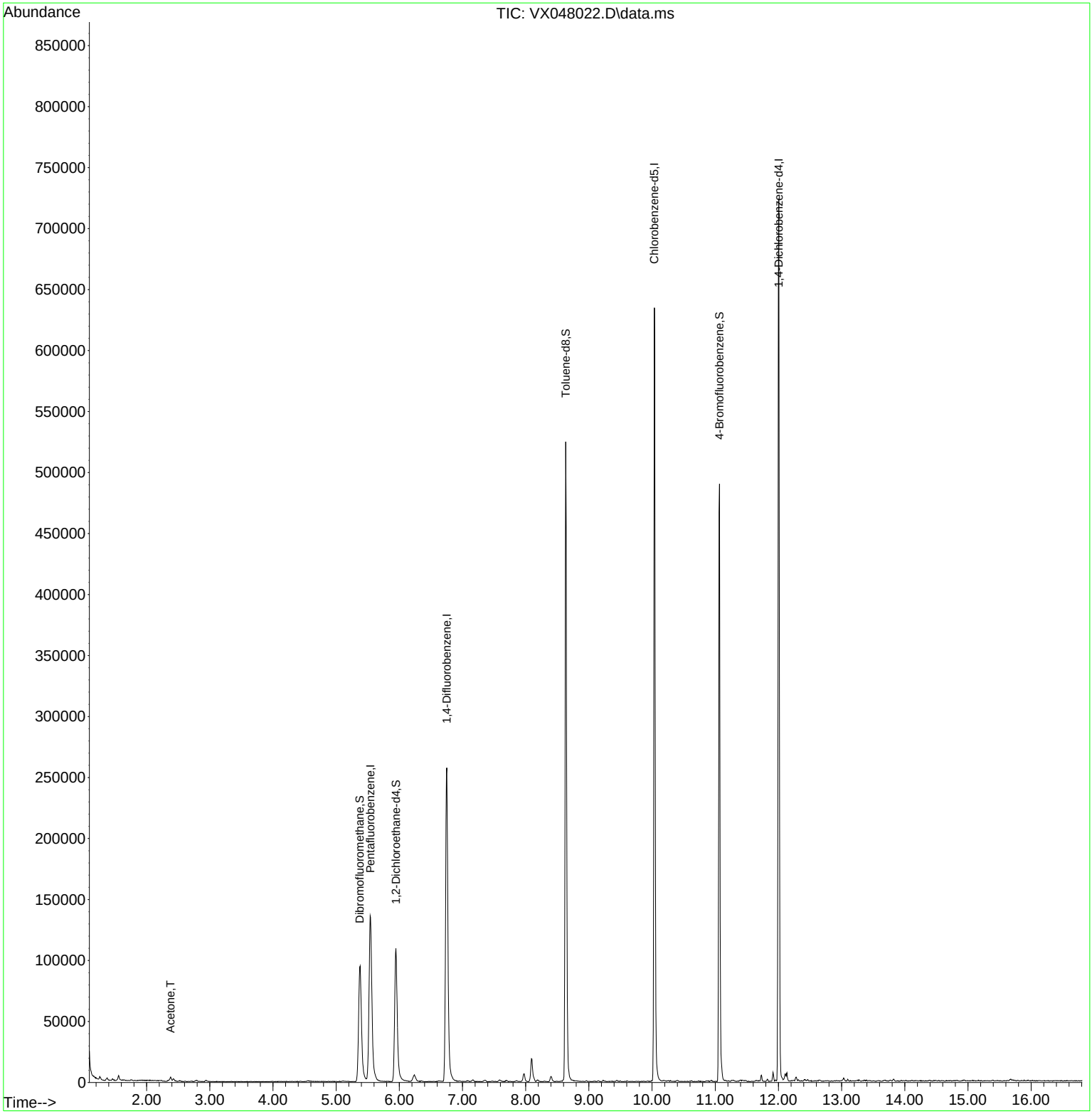
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	136606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119135	54.789	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.580%			
35) Dibromofluoromethane	5.373	113	92127	49.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	8.635	98	317920	48.989	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.067	95	140709	57.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.260%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4399	4.653	ug/l #	84

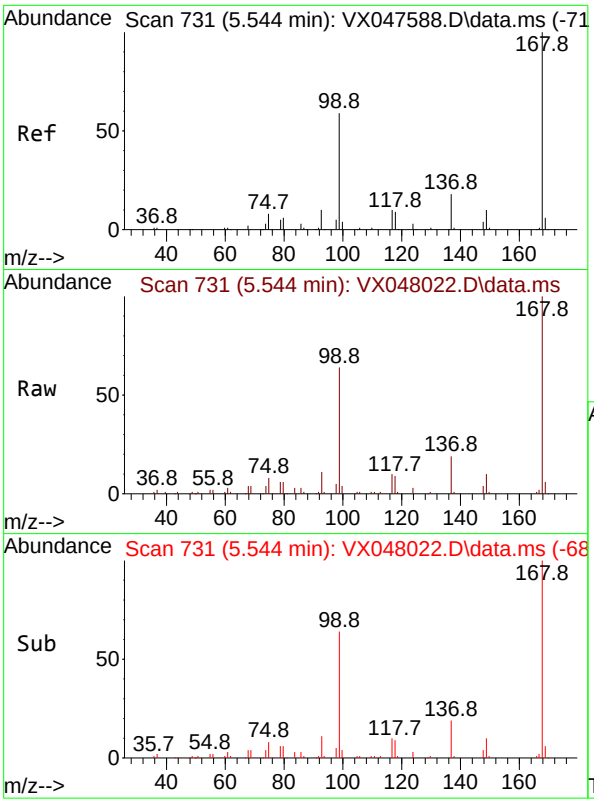
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048022.D
Acq On : 06 Oct 2025 14:28
Operator : JC/MD
Sample : Q3201-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Oct 07 02:14:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



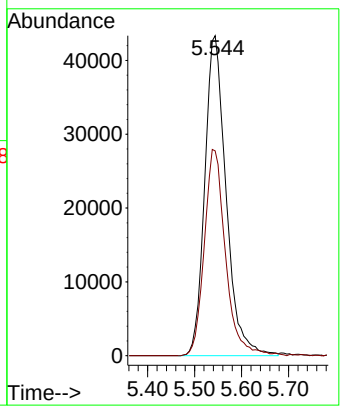


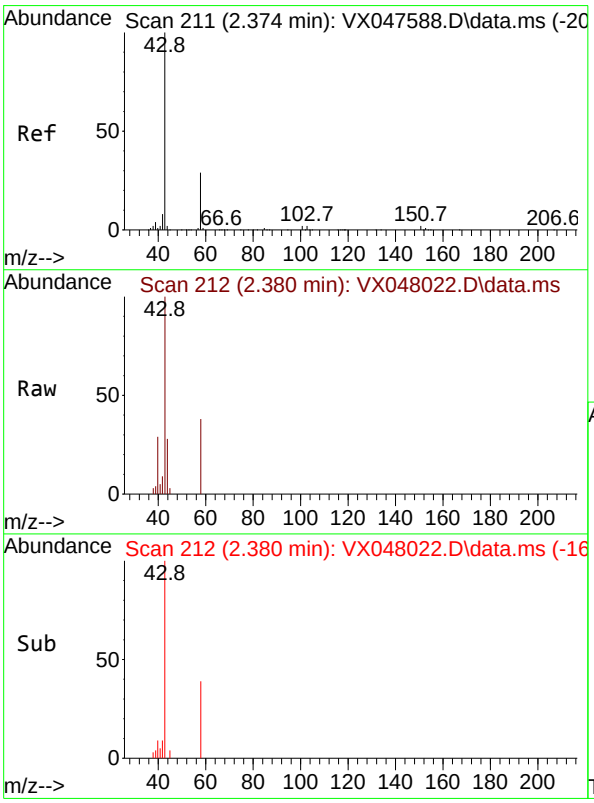
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:168 Resp: 136606

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

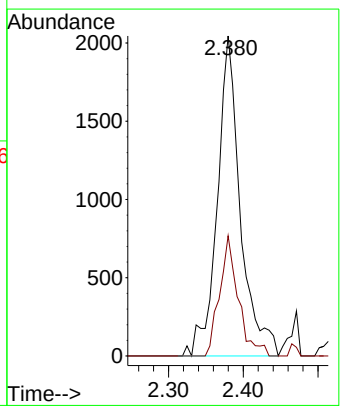


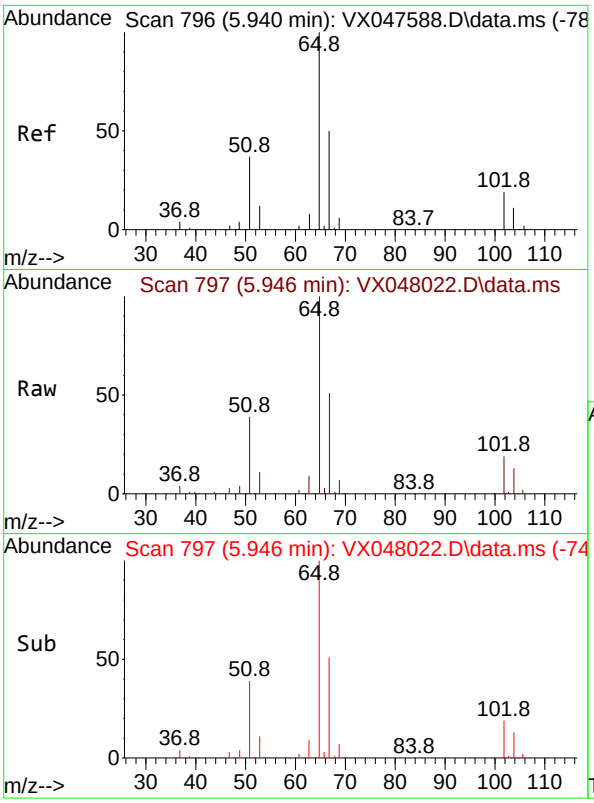


#16
Acetone
Concen: 4.653 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 43 Resp: 4399

Ion	Ratio	Lower	Upper
43	100		
58	37.6	23.4	35.0#



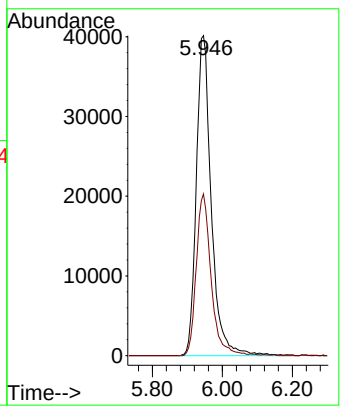


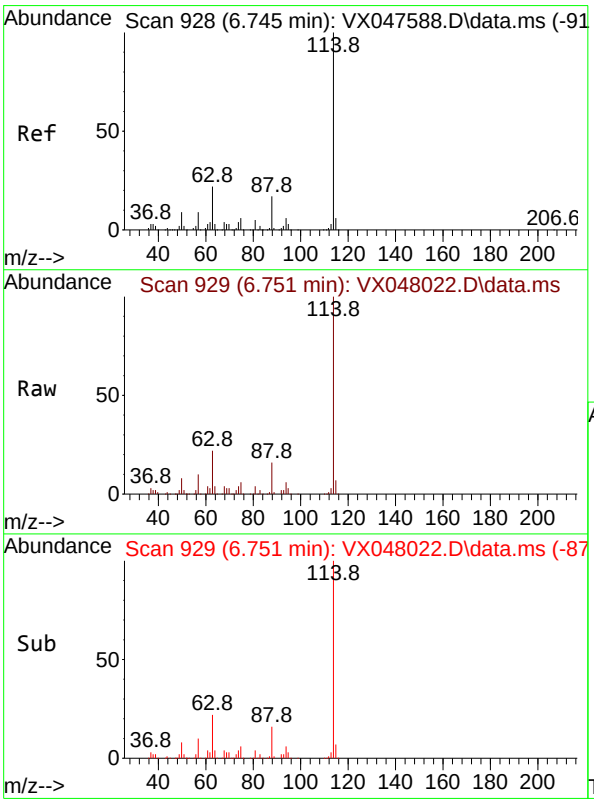
#33
1,2-Dichloroethane-d4
Concen: 54.789 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 65 Resp: 119135

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0

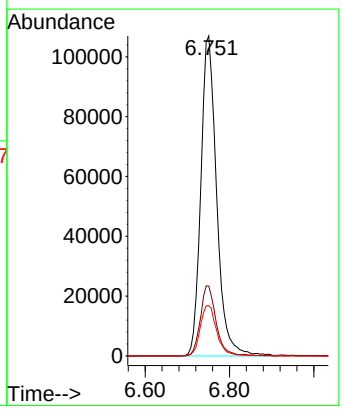


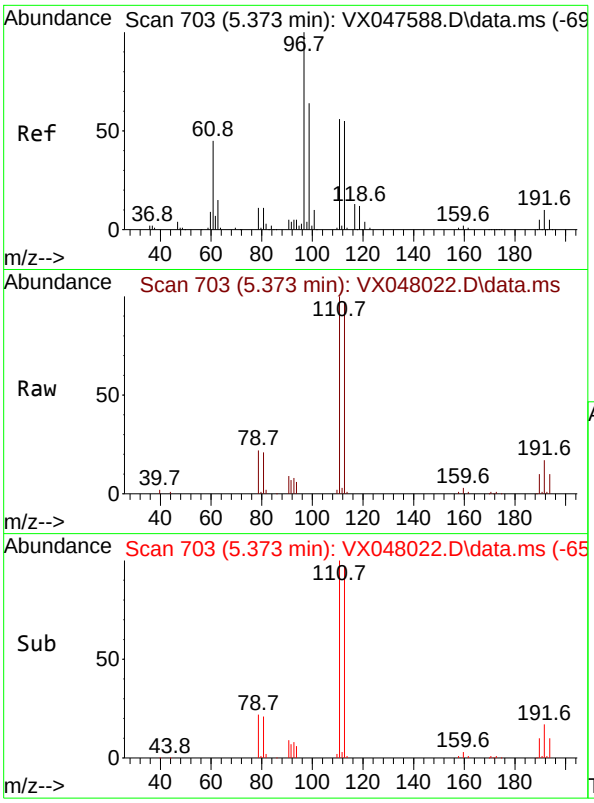


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion:114 Resp: 279650

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	15.7	0.0	34.2



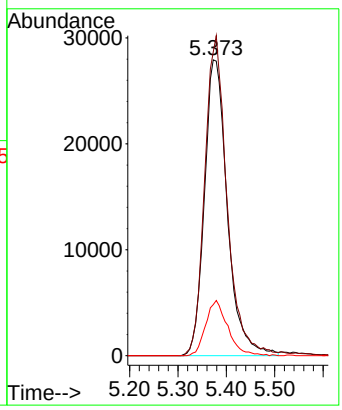


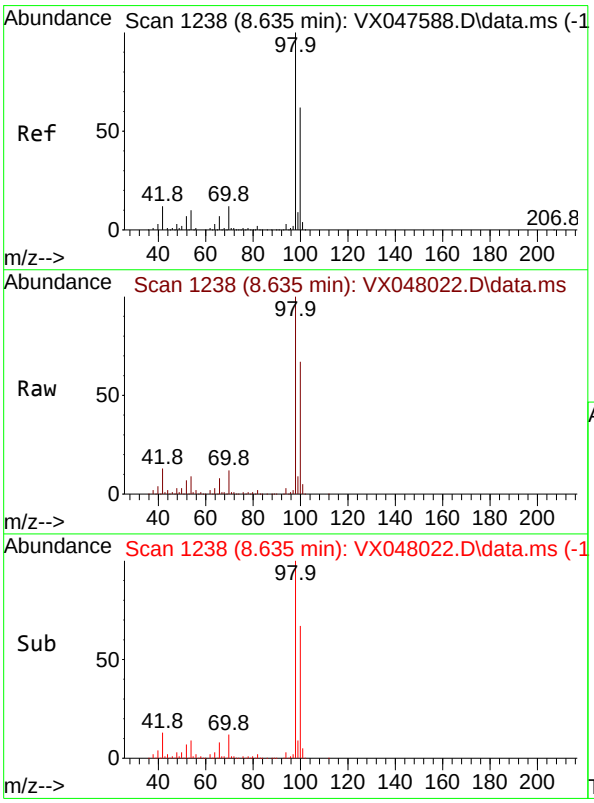
#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:113 Resp: 92127

Ion	Ratio	Lower	Upper
113	100		
111	105.1	80.9	121.3
192	18.0	14.2	21.4

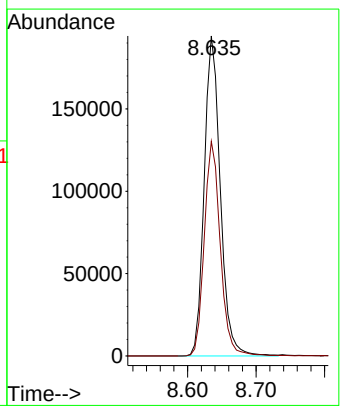


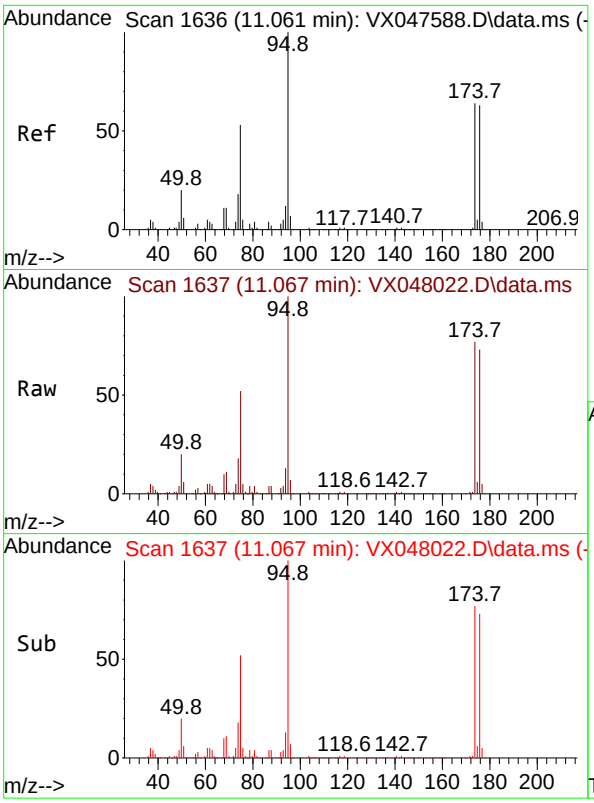


#50
Toluene-d8
Concen: 48.989 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 98 Resp: 317920

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



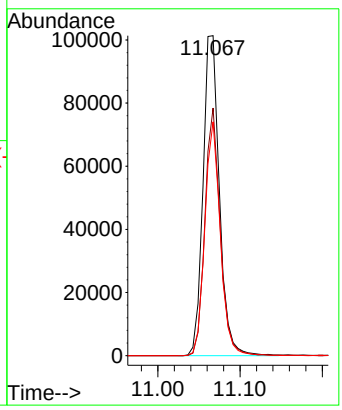


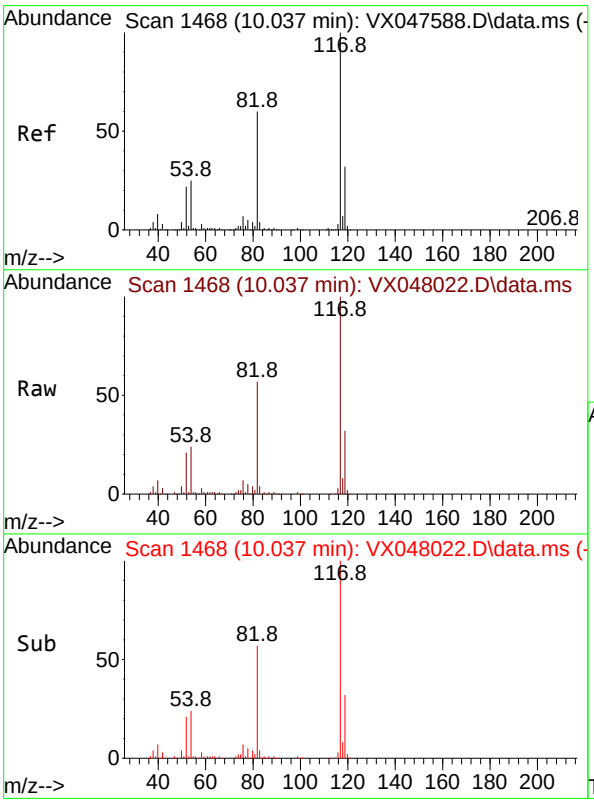
#62
4-Bromofluorobenzene
Concen: 57.131 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 95 Resp: 140709

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.6
176	69.1	0.0	138.4

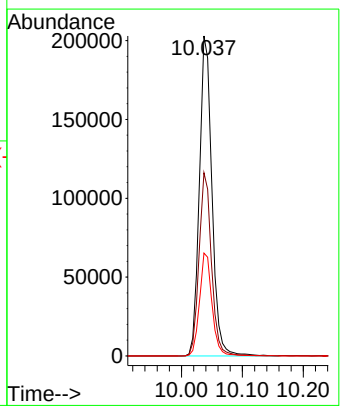


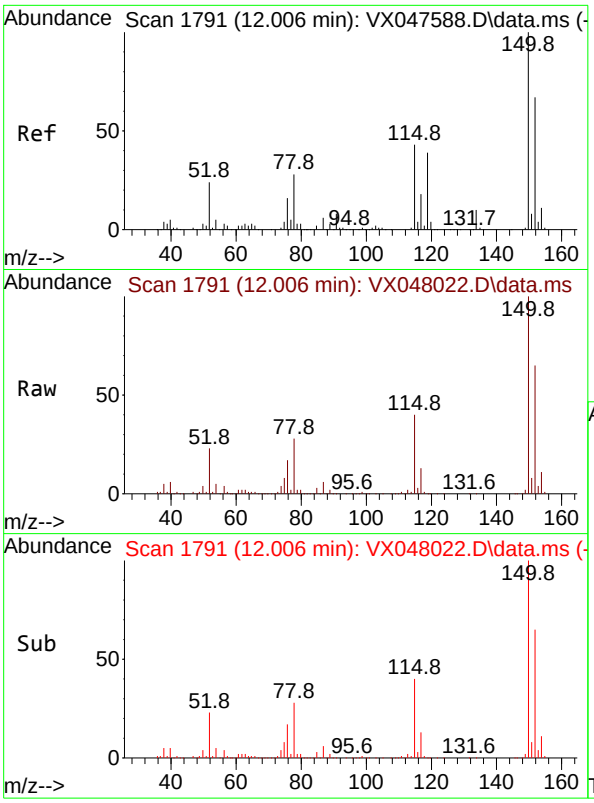


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion:117 Resp: 291369

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.8	71.6
119	32.2	25.2	37.8



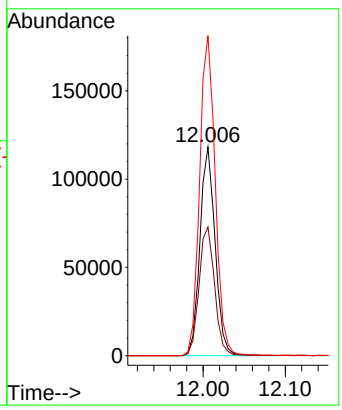


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:152 Resp: 151792

Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.9	134.5
150	157.8	0.0	352.0



Raw Data: **VV039260.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1	SDG No.:	Q3201
Lab Sample ID:	Q3201-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039260.D	10	10/03/25 19:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	380		55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	15.1	U	15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	100		14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	45.3		1.60	10.0	ug/L
71-43-2	Benzene	500		1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

Raw Data: **VV039260.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1	SDG No.:	Q3201
Lab Sample ID:	Q3201-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039260.D	10	10/03/25 19:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	180		1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	1400	E	1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	2000		2.40	20.0	ug/L
95-47-6	o-Xylene	50.6		1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	470		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	461000	4.6			
540-36-3	1,4-Difluorobenzene	745000	5.532			
3114-55-4	Chlorobenzene-d5	788000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	431000	11.175			

Raw Data: **VV039260.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1	SDG No.:	Q3201
Lab Sample ID:	Q3201-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039260.D	10	10/03/25 19:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 04 01:16:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	460794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	745054	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	788166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	431237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	327302	49.078	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.160%			
35) Dibromofluoromethane	4.503	113	314297	52.473	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 104.940%			
50) Toluene-d8	7.236	98	847595	48.182	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.360%			
62) 4-Bromofluorobenzene	10.001	95	394965	54.538	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 109.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	53153	37.710	ug/l	96
31) Cyclohexane	4.584	56	122869	10.330	ug/l	96
39) Methylcyclohexane	6.050	83	49513	4.528	ug/l	94
40) Benzene	5.008	78	1484078	50.327	ug/l	99
52) Toluene	7.310	92	305782	17.884	ug/l	98
67) Ethyl Benzene	8.934	91	4506911	135.620	ug/l	98
68) m/p-Xylenes	9.059	106	2556288	199.301	ug/l	99
69) o-Xylene	9.471	106	57411	5.055	ug/l	98
73) Isopropylbenzene	9.857	105	1468865	46.962	ug/l	99
78) n-propylbenzene	10.278	91	2152668	56.517	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1114223	42.859	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1578717	62.549	ug/l	100
85) sec-Butylbenzene	11.014	105	43299m	1.259	ug/l	
89) n-Butylbenzene	11.580	91	57371m	2.099	ug/l	
95) Naphthalene	13.426	128	434653	15.289	ug/l	99

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

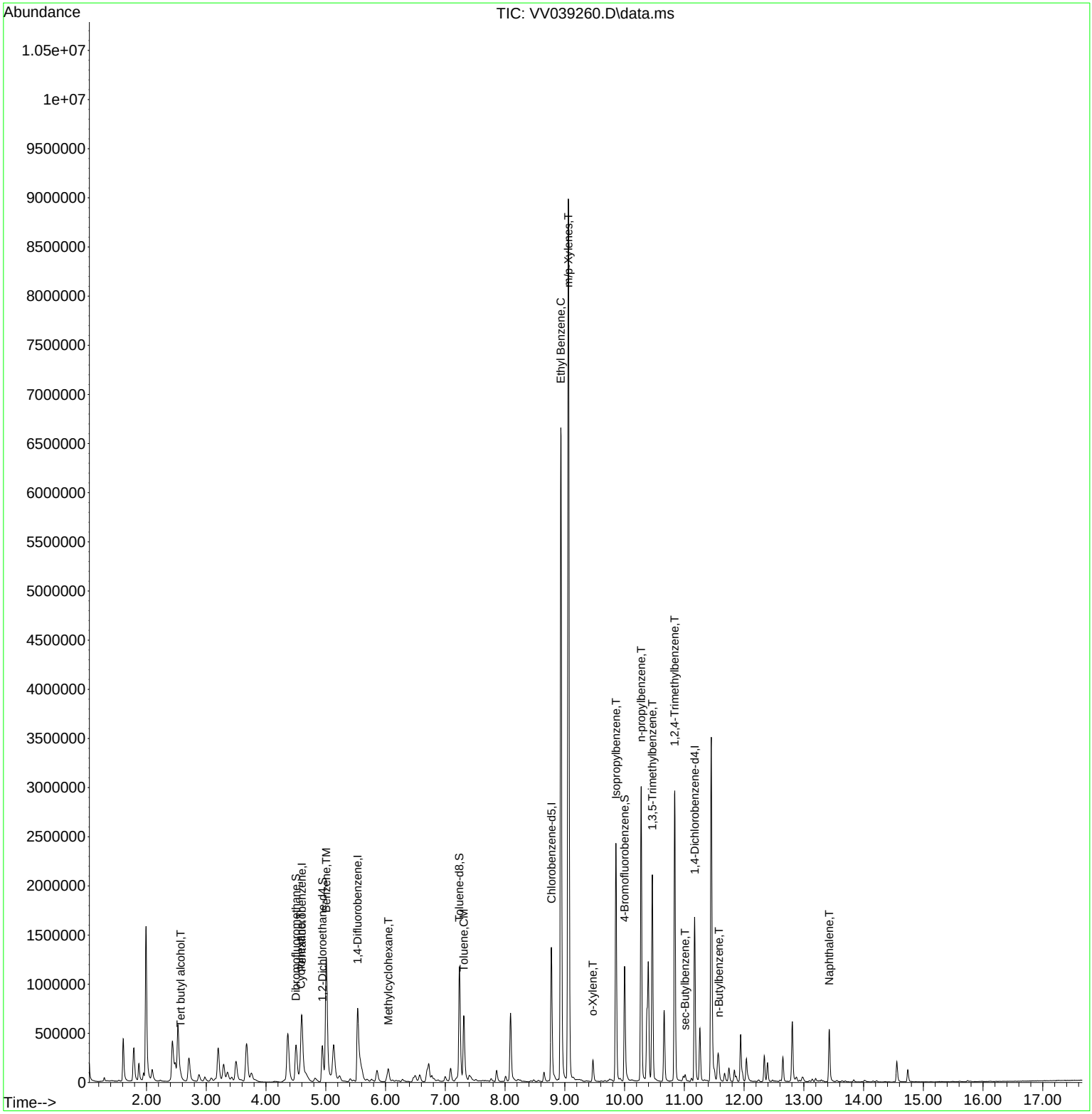
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039260.D
Acq On : 03 Oct 2025 19:11
Operator : SY/MD
Sample : Q3201-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

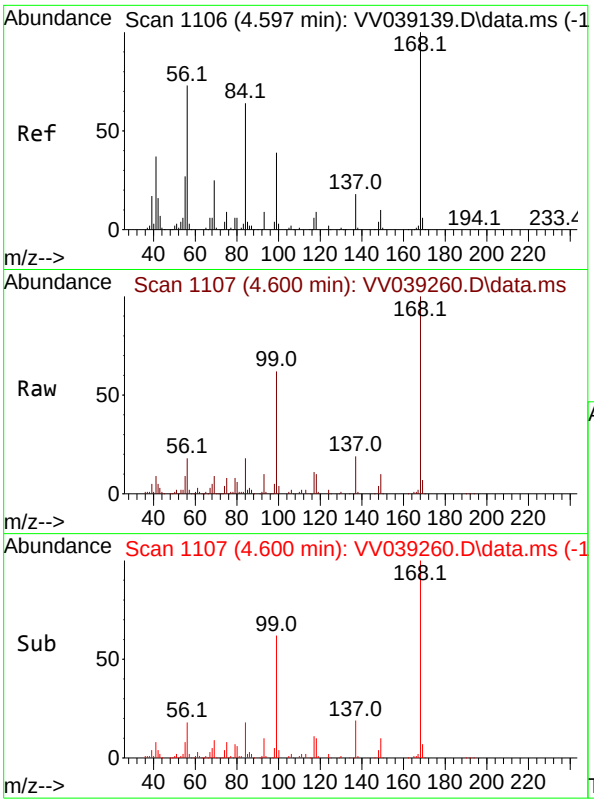
Quant Time: Oct 04 01:16:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

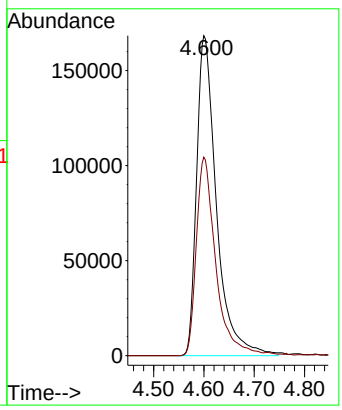
Tgt Ion:168 Resp: 46079

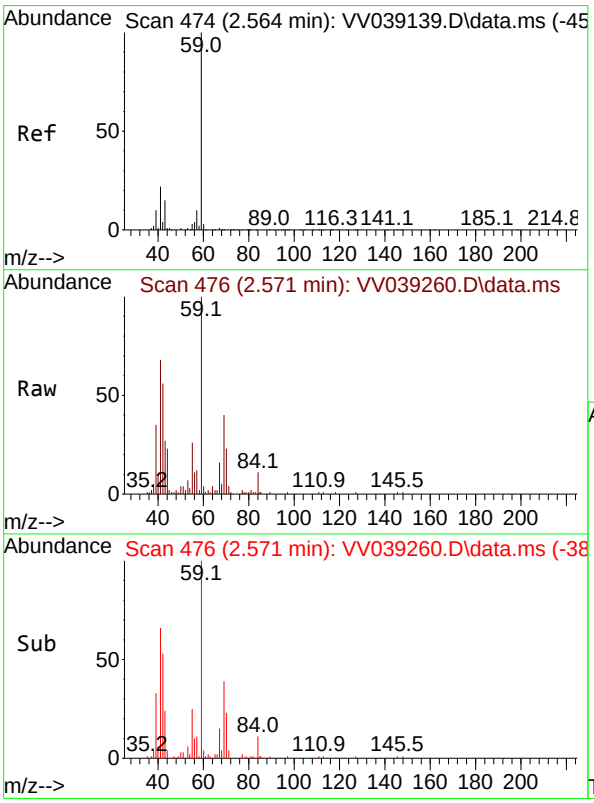
Ion	Ratio	Lower	Upper
168	100		
99	62.0	49.6	74.4

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

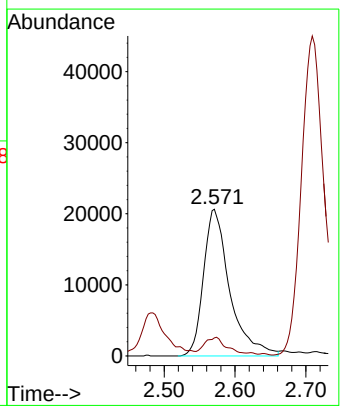


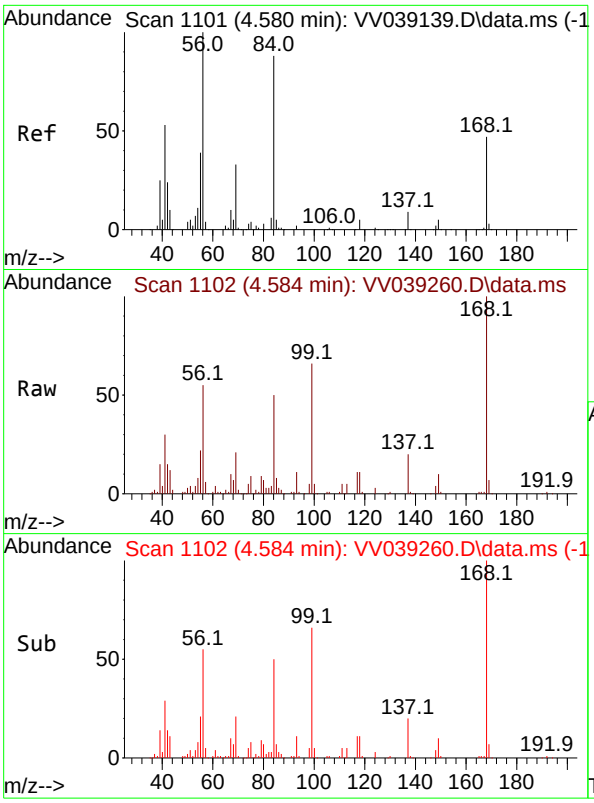


#11
Tert butyl alcohol
Concen: 37.710 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 59 Resp: 53153

Ion	Ratio	Lower	Upper
59	100		
57	8.3	7.8	11.8

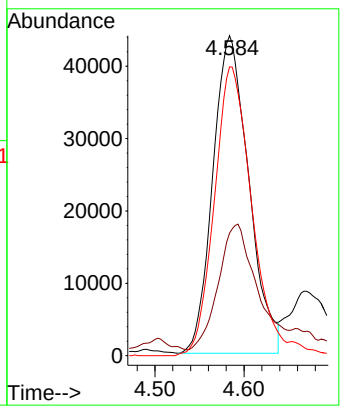




#31
Cyclohexane
Concen: 10.330 ug/l
RT: 4.584 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 56 Resp: 12286

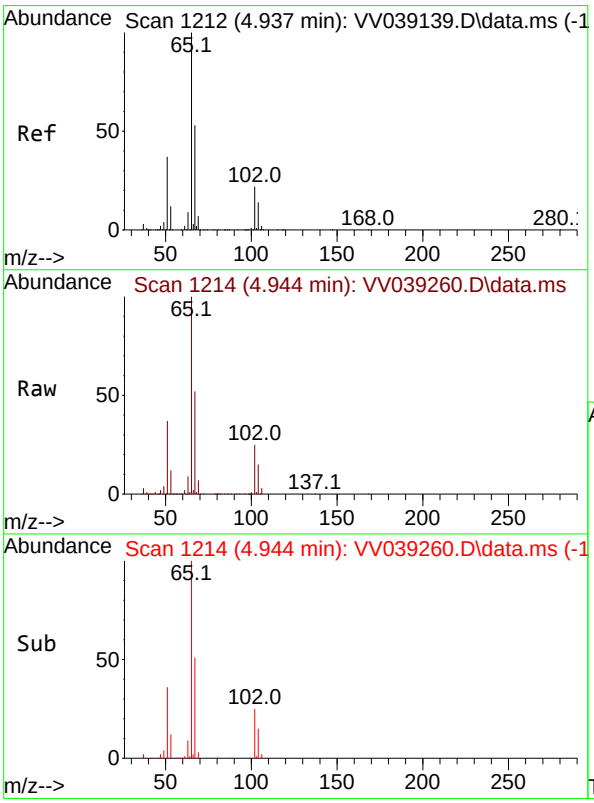
Ion	Ratio	Lower	Upper
56	100		
69	35.7	26.2	39.2
84	90.5	70.3	105.5



Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
APPROVED

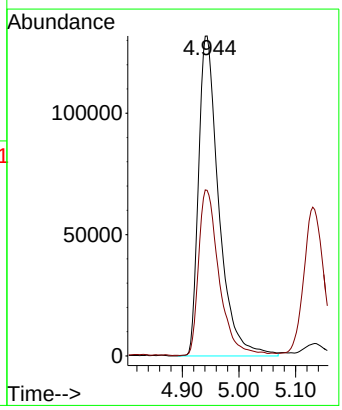
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

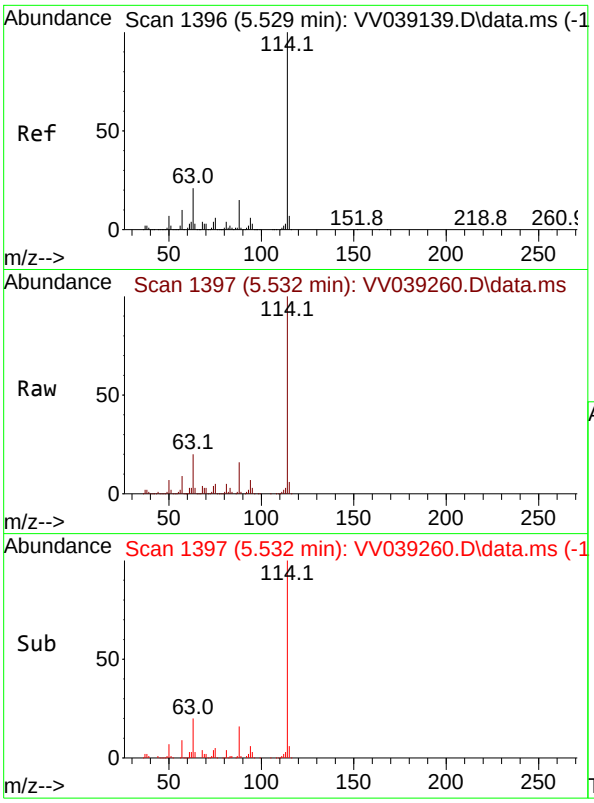


#33
1,2-Dichloroethane-d4
Concen: 49.078 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 65 Resp: 327302

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:114 Resp: 74505

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	16.1	0.0	30.8

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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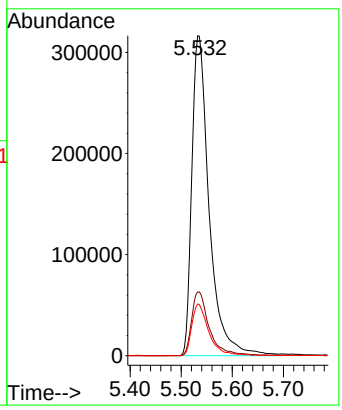
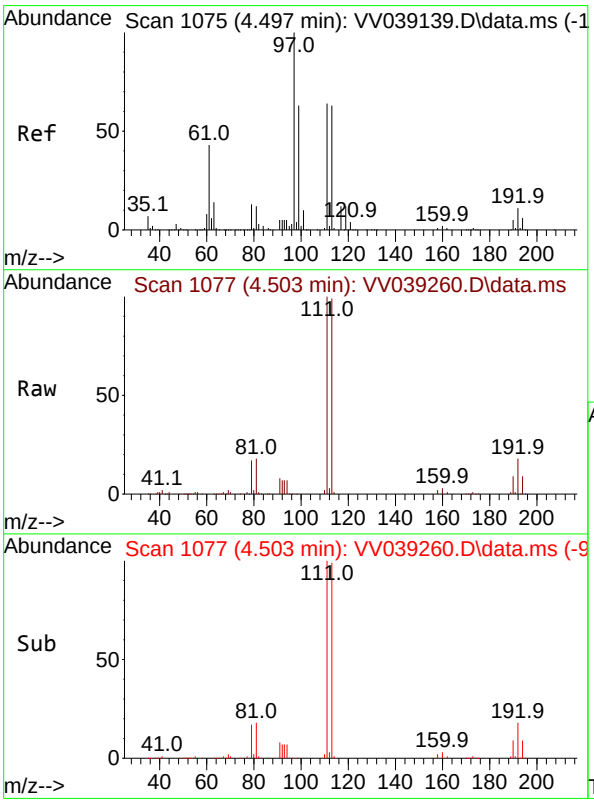
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

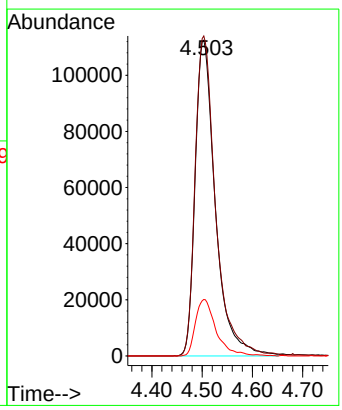


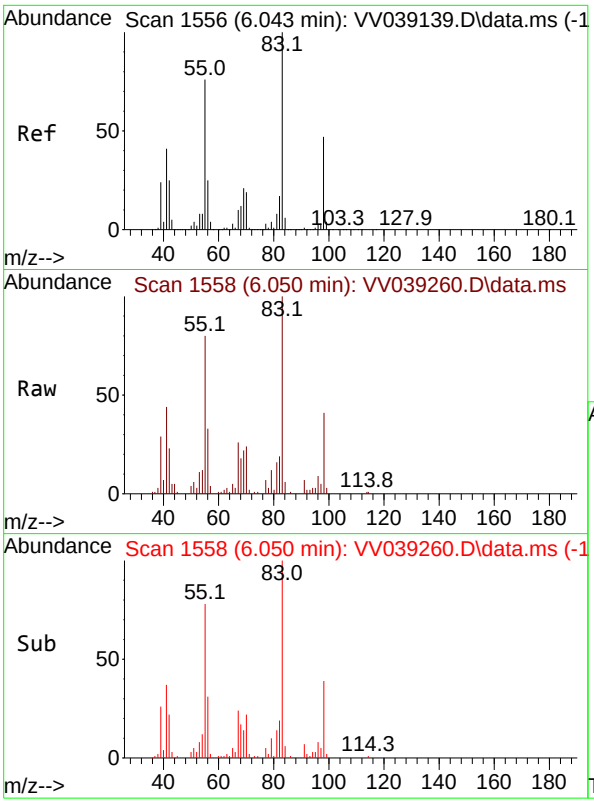


#35
Dibromofluoromethane
Concen: 52.473 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:113 Resp: 314297

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	18.2	13.8	20.8





#39
Methylcyclohexane
Concen: 4.528 ug/l
RT: 6.050 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 83 Resp: 4951

Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.5	90.7
98	41.2	37.8	56.6

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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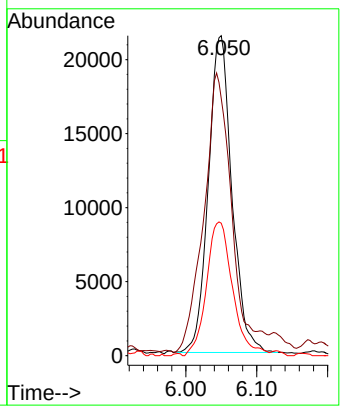
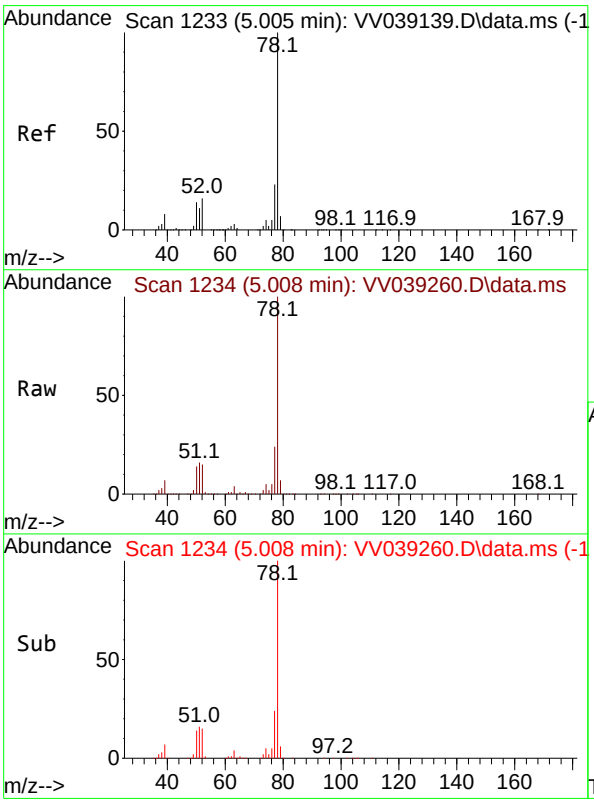
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

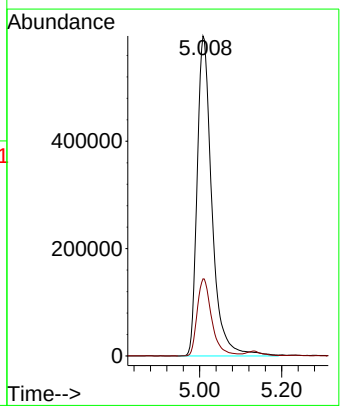


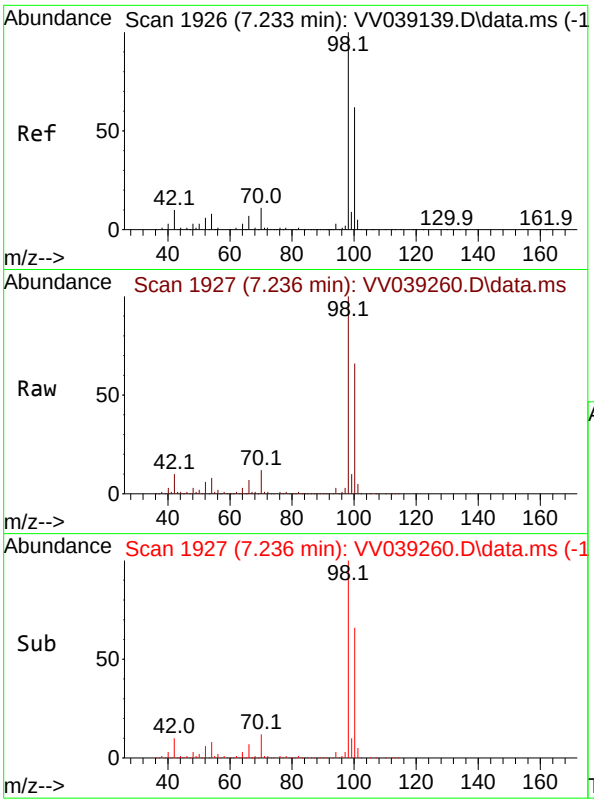


#40
Benzene
Concen: 50.327 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 78 Resp: 1484078

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





#50
Toluene-d8
Concen: 48.182 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 98 Resp: 84759

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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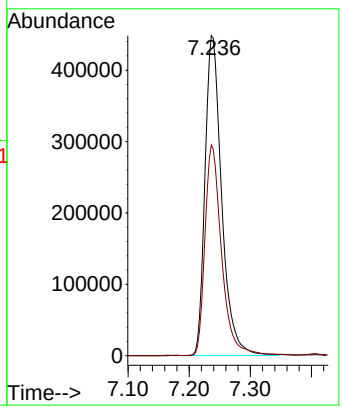
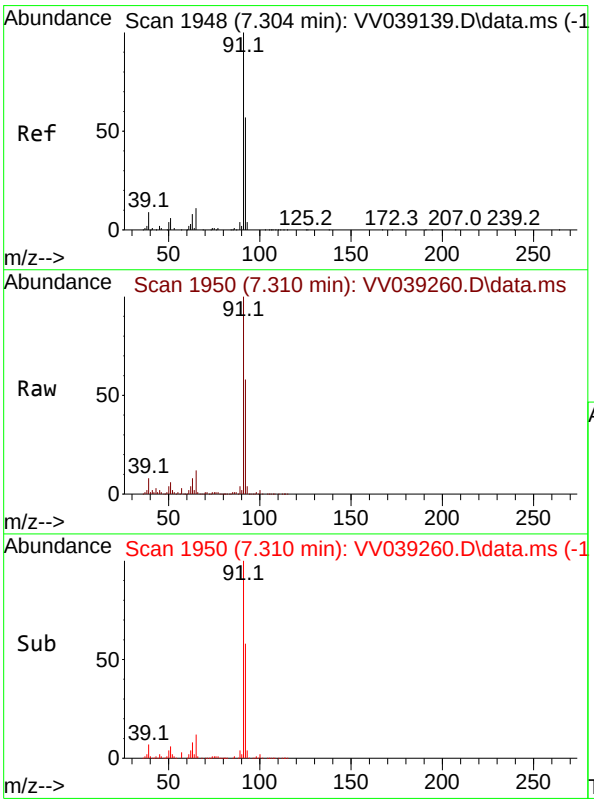
Supervised By :Semsettin Yesilyurt 10/06/2025

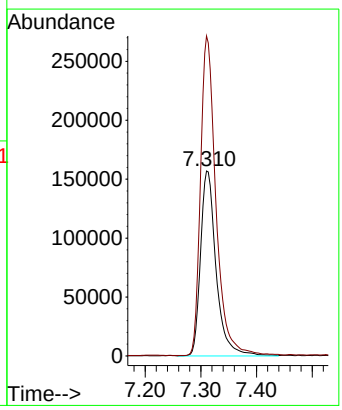


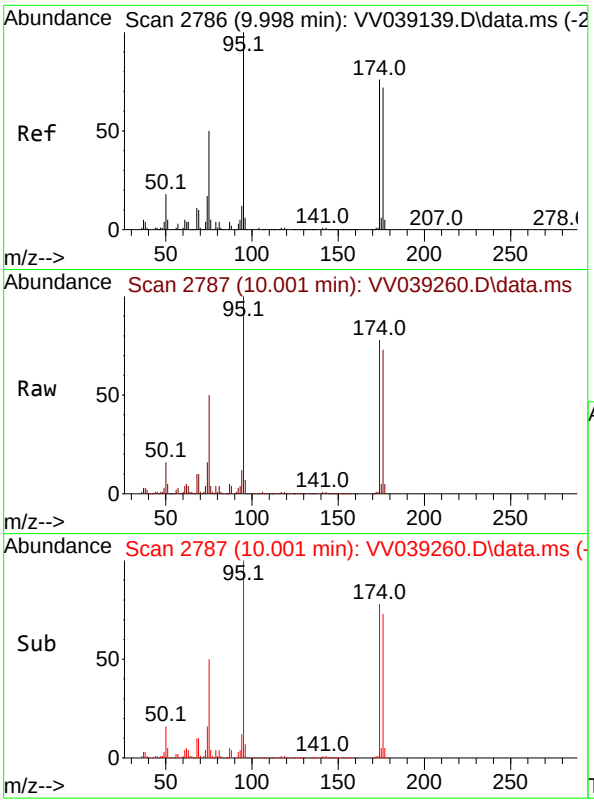


#52
Toluene
Concen: 17.884 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 92 Resp: 305782

Ion	Ratio	Lower	Upper
92	100		
91	170.8	139.2	208.8

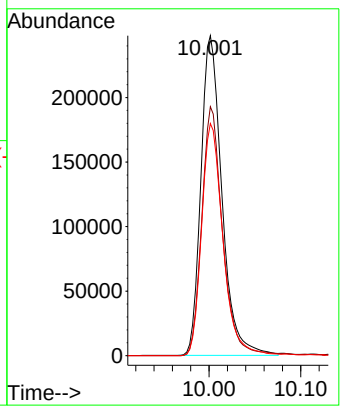




#62
4-Bromofluorobenzene
Concen: 54.538 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 95 Resp: 39496

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	150.4
176	73.6	0.0	144.2



Instrument :
MSVOA_V
ClientSampleId :
MW1

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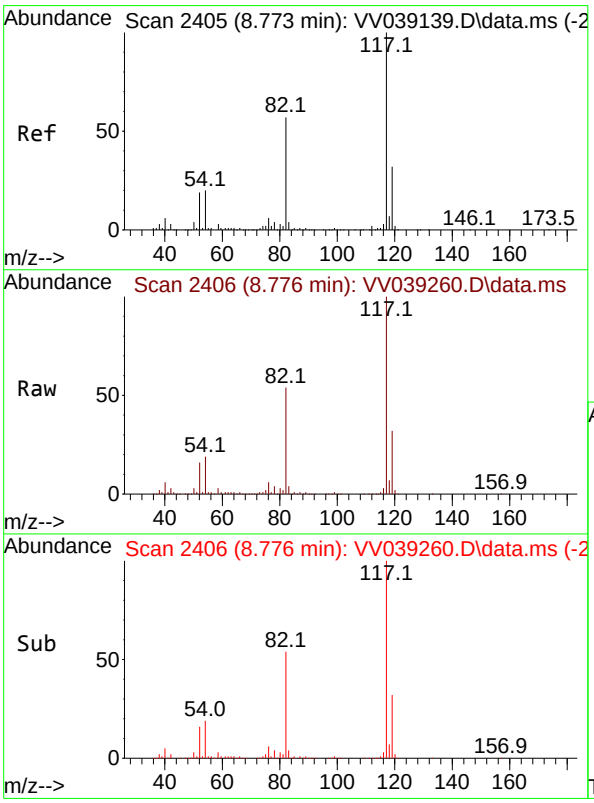
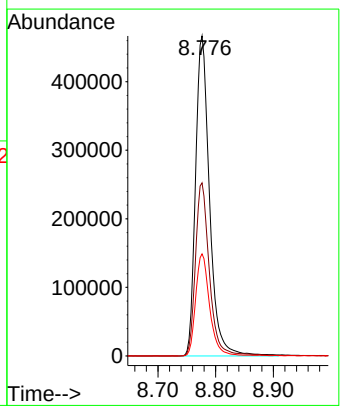
Supervised By :Semsettin Yesilyurt 10/06/2025

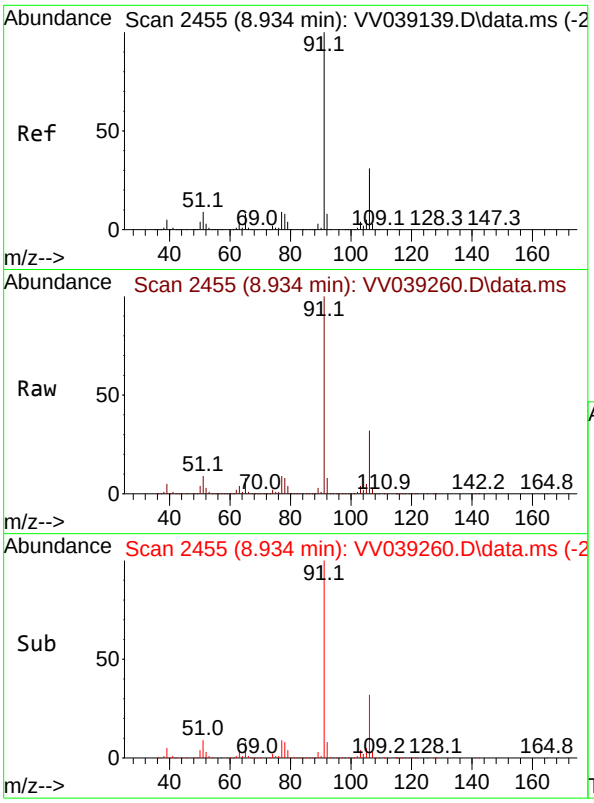


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:117 Resp: 788166

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.2
119	31.9	25.6	38.4





#67
Ethyl Benzene
Concen: 135.620 ug/l
RT: 8.934 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 91 Resp: 450691

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.6	37.0

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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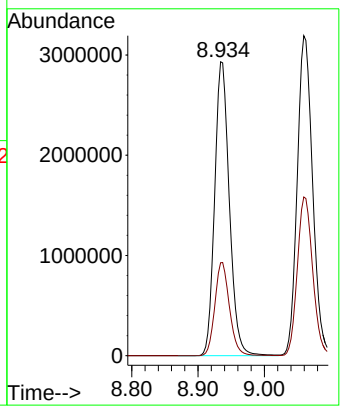
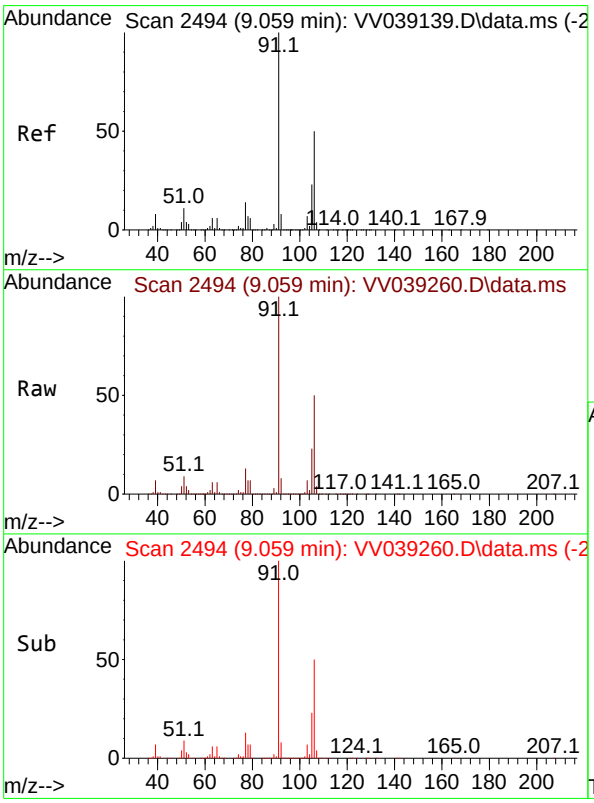
Supervised By :Semsettin Yesilyurt 10/06/2025

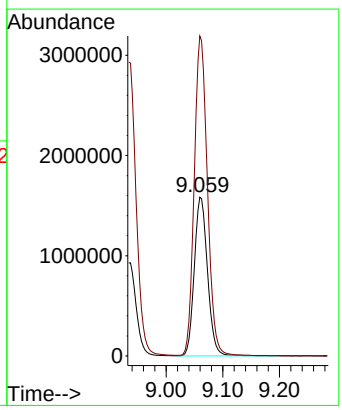


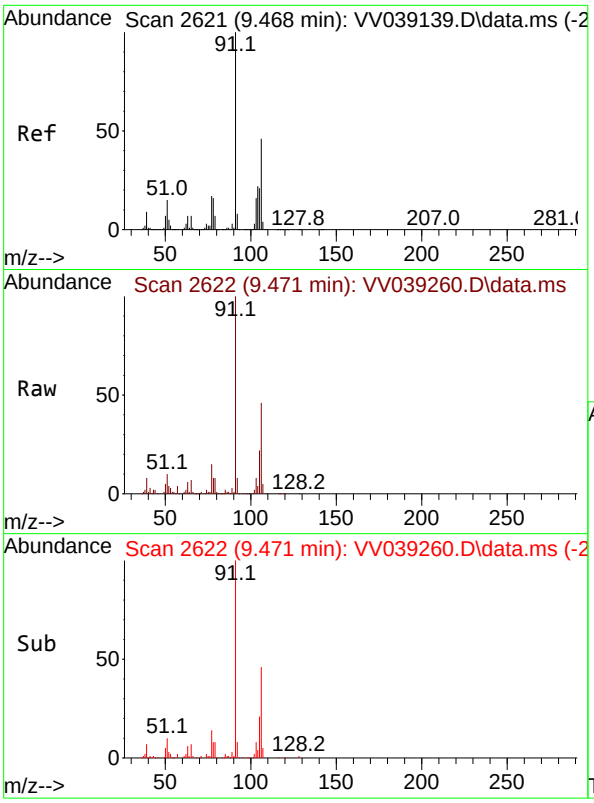


#68
m/p-Xylenes
Concen: 199.301 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:106 Resp: 2556288

Ion	Ratio	Lower	Upper
106	100		
91	200.9	162.5	243.7





#69
o-Xylene
Concen: 5.055 ug/l
RT: 9.471 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:106 Resp: 5741

Ion	Ratio	Lower	Upper
106	100		
91	215.2	109.1	327.3

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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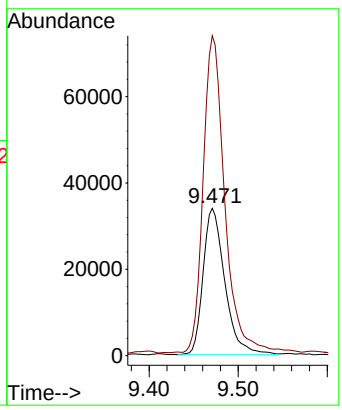
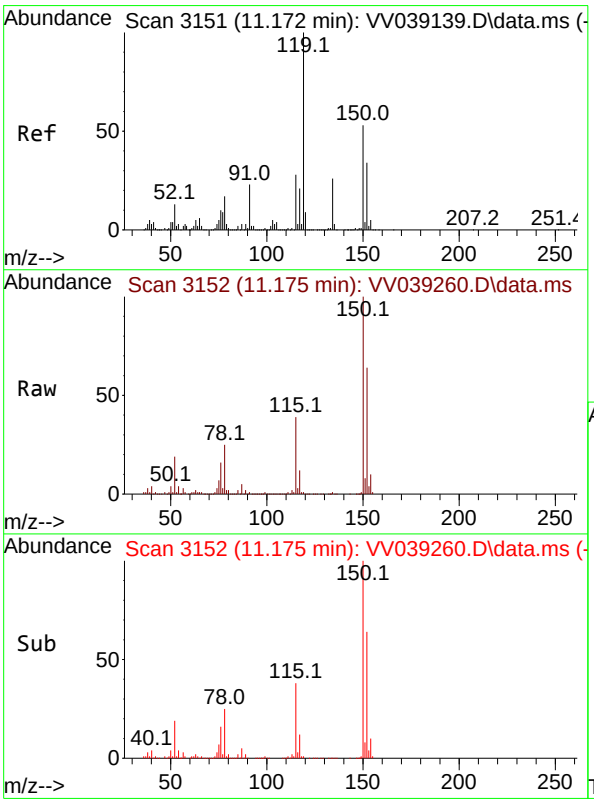
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

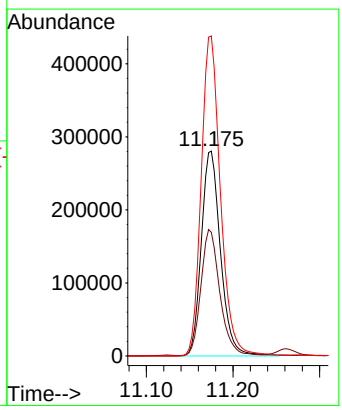


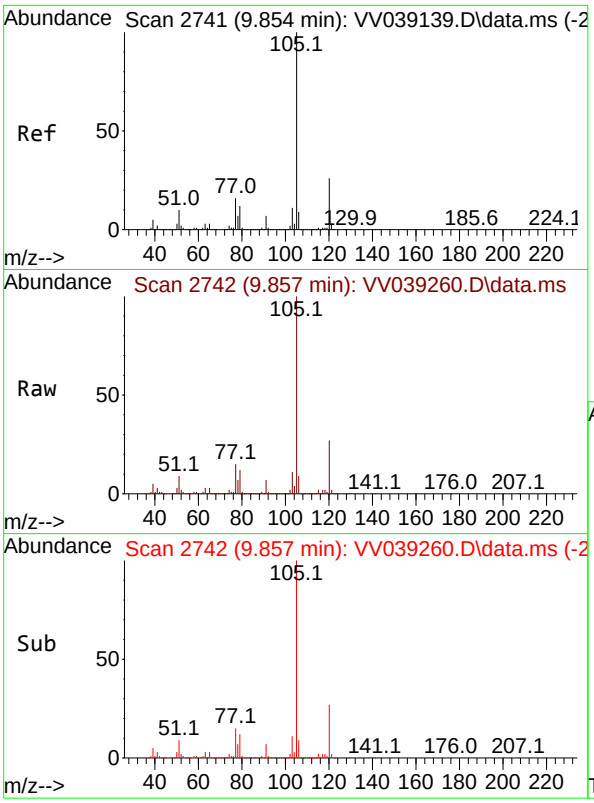


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:152 Resp: 431237

Ion	Ratio	Lower	Upper
152	100		
115	60.4	44.8	134.4
150	157.3	0.0	353.8

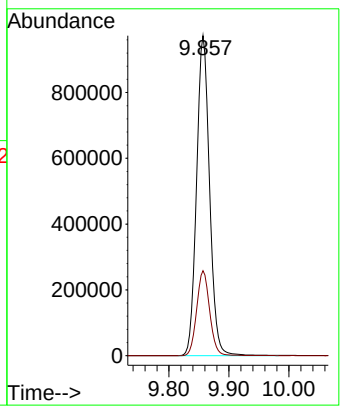




#73
Isopropylbenzene
Concen: 46.962 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 146886

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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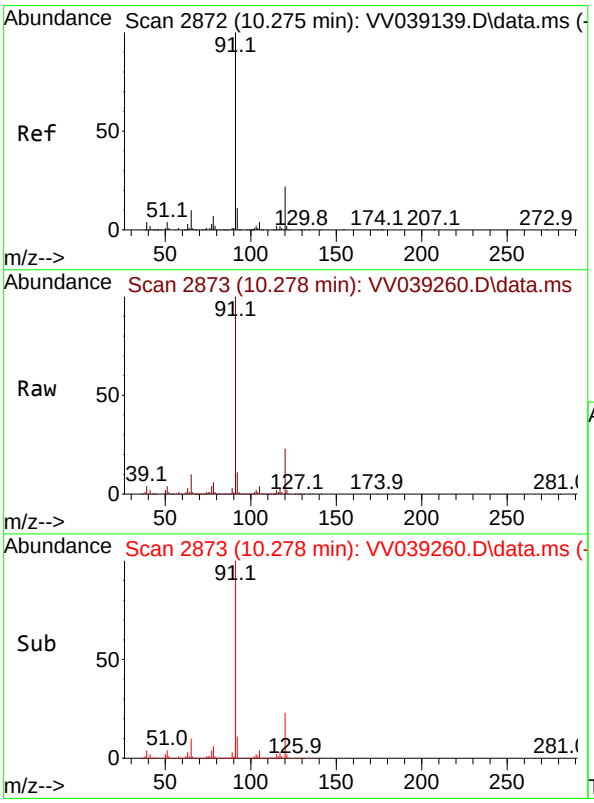
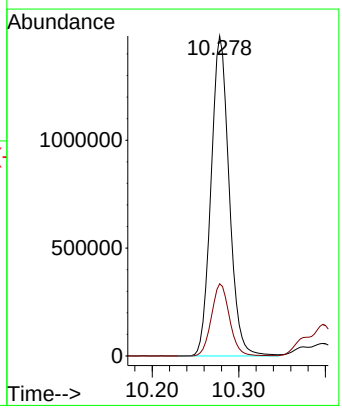
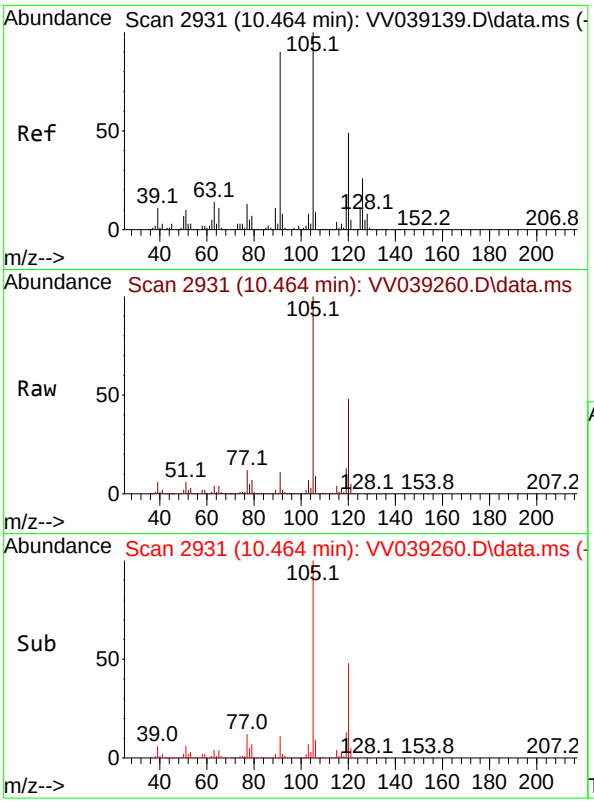


#78
n-propylbenzene
Concen: 56.517 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 91 Resp: 2152668

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.3

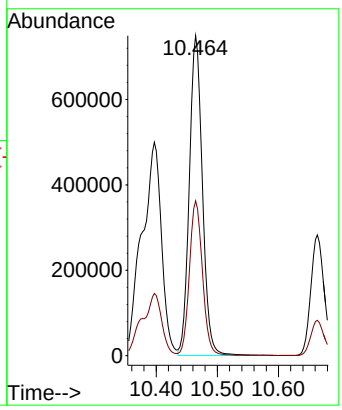




#80
1,3,5-Trimethylbenzene
Concen: 42.859 ug/l
RT: 10.464 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 111422

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8



Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
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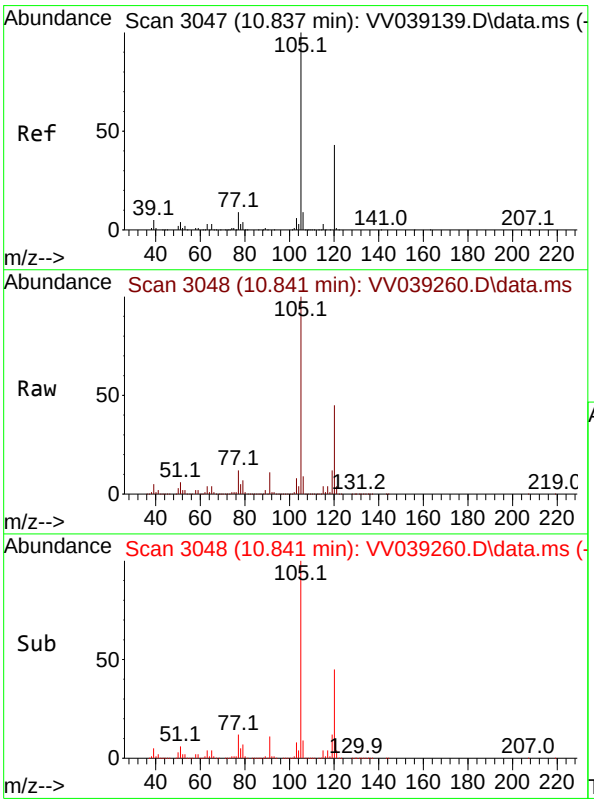
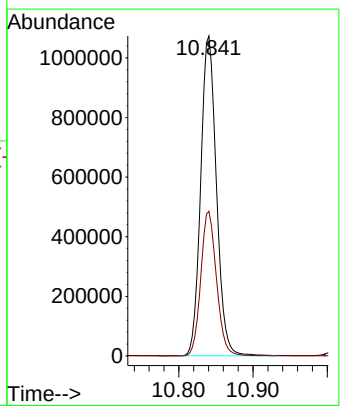
Supervised By :Semsettin Yesilyurt 10/06/2025

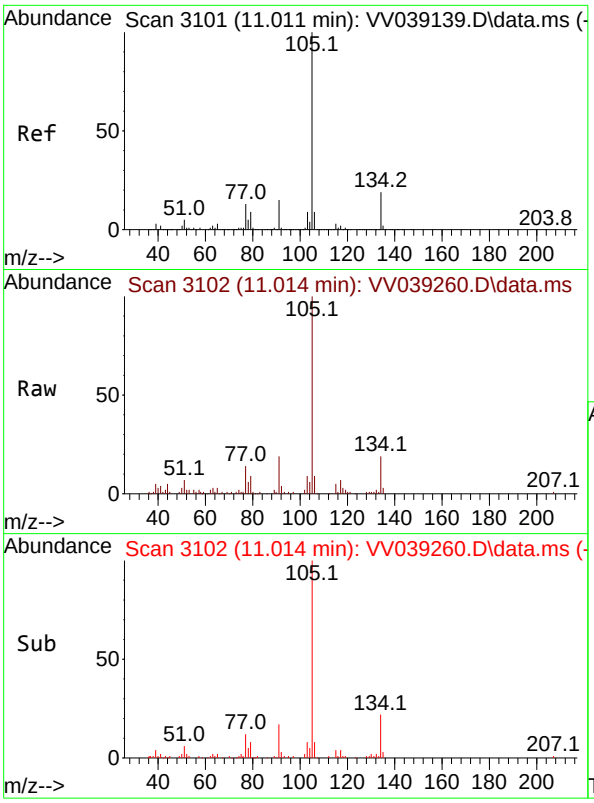


#84
1,2,4-Trimethylbenzene
Concen: 62.549 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 1578717

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.2





#85
sec-Butylbenzene
Concen: 1.259 ug/l m
RT: 11.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

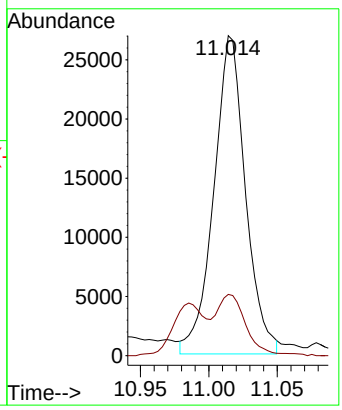
Tgt Ion:105 Resp: 4329

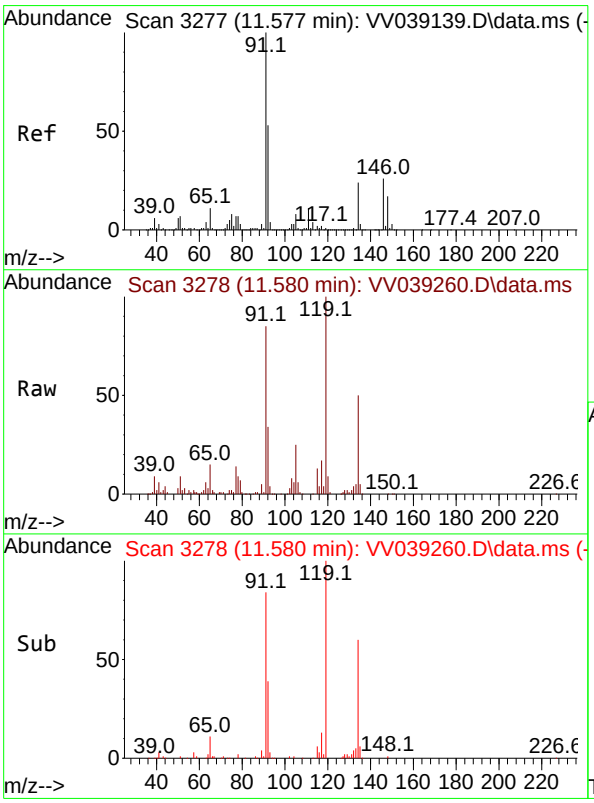
Ion	Ratio	Lower	Upper
105	100		
134	1.1	9.6	28.8#

Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

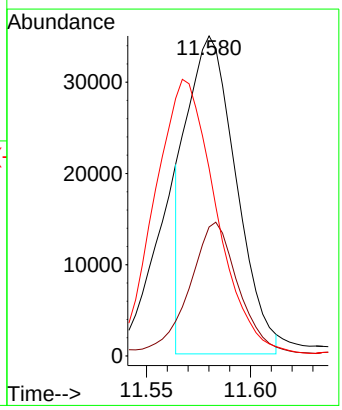


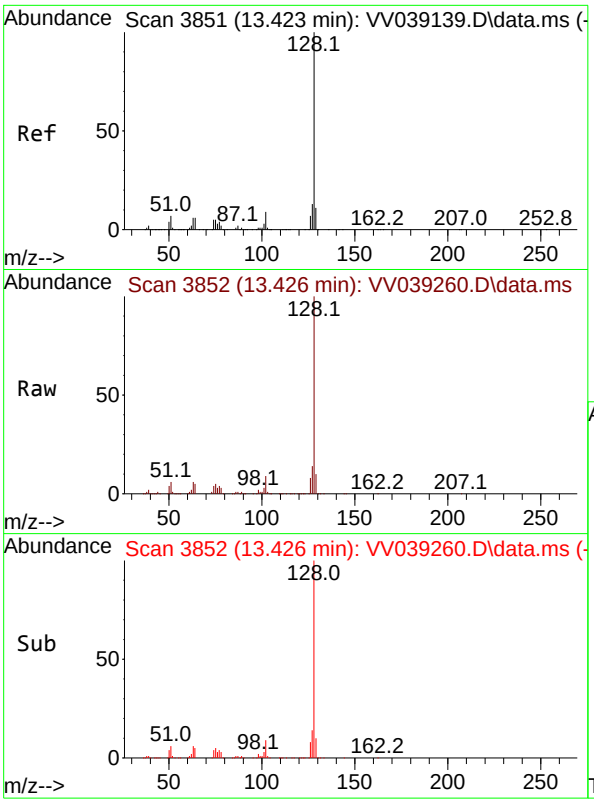


#89
n-Butylbenzene
Concen: 2.099 ug/l m
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 91 Resp: 57371

Ion	Ratio	Lower	Upper
91	100		
92	42.1	26.6	79.8
134	107.0	12.1	36.3#

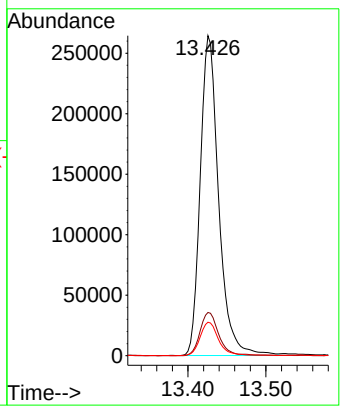




#95
Naphthalene
Concen: 15.289 ug/l
RT: 13.426 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:128 Resp: 43465

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	10.7	8.6	13.0



Instrument :
MSVOA_V
ClientSampleId :
MW1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Raw Data: **VV039270.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039270.D	40	10/06/25 13:56	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	8.80	UD	8.80	40.0	ug/L
74-87-3	Chloromethane	12.8	UD	12.8	40.0	ug/L
75-01-4	Vinyl Chloride	10.4	UD	10.4	40.0	ug/L
74-83-9	Bromomethane	57.6	UD	57.6	200	ug/L
75-00-3	Chloroethane	18.8	UD	18.8	40.0	ug/L
75-69-4	Trichlorofluoromethane	13.2	UD	13.2	40.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	10.0	UD	10.0	40.0	ug/L
75-65-0	Tert butyl alcohol	400	JD	220	1000	ug/L
75-35-4	1,1-Dichloroethene	9.20	UD	9.20	40.0	ug/L
67-64-1	Acetone	60.4	UD	60.4	200	ug/L
75-15-0	Carbon Disulfide	8.40	UD	8.40	40.0	ug/L
1634-04-4	Methyl tert-butyl Ether	6.40	UD	6.40	40.0	ug/L
79-20-9	Methyl Acetate	10.8	UD	10.8	40.0	ug/L
75-09-2	Methylene Chloride	11.2	UD	11.2	40.0	ug/L
156-60-5	trans-1,2-Dichloroethene	9.20	UD	9.20	40.0	ug/L
75-34-3	1,1-Dichloroethane	9.20	UD	9.20	40.0	ug/L
110-82-7	Cyclohexane	58.0	UD	58.0	200	ug/L
78-93-3	2-Butanone	39.2	UD	39.2	200	ug/L
56-23-5	Carbon Tetrachloride	10.0	UD	10.0	40.0	ug/L
156-59-2	cis-1,2-Dichloroethene	7.60	UD	7.60	40.0	ug/L
74-97-5	Bromochloromethane	8.80	UD	8.80	40.0	ug/L
67-66-3	Chloroform	10.0	UD	10.0	40.0	ug/L
71-55-6	1,1,1-Trichloroethane	8.00	UD	8.00	40.0	ug/L
108-87-2	Methylcyclohexane	26.2	JD	6.40	40.0	ug/L
71-43-2	Benzene	400	D	6.00	40.0	ug/L
107-06-2	1,2-Dichloroethane	8.80	UD	8.80	40.0	ug/L
79-01-6	Trichloroethene	3.70	UD	3.70	40.0	ug/L
78-87-5	1,2-Dichloropropane	8.00	UD	8.00	40.0	ug/L
75-27-4	Bromodichloromethane	8.80	UD	8.80	40.0	ug/L
108-10-1	4-Methyl-2-Pentanone	27.2	UD	27.2	200	ug/L

Raw Data: **VV039270.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039270.D	40	10/06/25 13:56	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	140	D	5.60	40.0	ug/L
10061-02-6	t-1,3-Dichloropropene	6.80	UD	6.80	40.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	6.40	UD	6.40	40.0	ug/L
79-00-5	1,1,2-Trichloroethane	8.40	UD	8.40	40.0	ug/L
591-78-6	2-Hexanone	35.6	UD	35.6	200	ug/L
124-48-1	Dibromochloromethane	7.20	UD	7.20	40.0	ug/L
106-93-4	1,2-Dibromoethane	6.00	UD	6.00	40.0	ug/L
127-18-4	Tetrachloroethene	9.20	UD	9.20	40.0	ug/L
108-90-7	Chlorobenzene	4.80	UD	4.80	40.0	ug/L
100-41-4	Ethyl Benzene	1000	D	5.20	40.0	ug/L
179601-23-1	m/p-Xylenes	1500	D	9.60	80.0	ug/L
95-47-6	o-Xylene	50.6	D	4.80	40.0	ug/L
100-42-5	Styrene	6.00	UD	6.00	40.0	ug/L
75-25-2	Bromoform	7.60	UD	7.60	40.0	ug/L
98-82-8	Isopropylbenzene	320	D	4.80	40.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	10.4	UD	10.4	40.0	ug/L
541-73-1	1,3-Dichlorobenzene	6.40	UD	6.40	40.0	ug/L
106-46-7	1,4-Dichlorobenzene	7.60	UD	7.60	40.0	ug/L
95-50-1	1,2-Dichlorobenzene	6.40	UD	6.40	40.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.2	UD	21.2	40.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.00	UD	8.00	40.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	8.00	UD	8.00	40.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	43.5		70 (86) - 130 (113)	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	526000	4.6			
540-36-3	1,4-Difluorobenzene	879000	5.532			
3114-55-4	Chlorobenzene-d5	887000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	514000	11.172			

Raw Data: **VV039270.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW1DL	SDG No.:	Q3201
Lab Sample ID:	Q3201-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039270.D	40	10/06/25 13:56	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100625\
Data File : VV039270.D
Acq On : 06 Oct 2025 13:56
Operator : SY/MD
Sample : Q3201-05DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 03:34:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	525555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	878942	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	886561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	514429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	369180	48.536	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 97.080%			
35) Dibromofluoromethane	4.500	113	371074	52.516	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.040%			
50) Toluene-d8	7.236	98	903765	43.549	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 87.100%#			
62) 4-Bromofluorobenzene	10.001	95	466453	54.598	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 109.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.574	59	16068	9.995	ug/l	96
39) Methylcyclohexane	6.050	83	8457	0.656	ug/l	96
40) Benzene	5.011	78	351785	10.112	ug/l	99
52) Toluene	7.317	92	71741	3.557	ug/l	98
67) Ethyl Benzene	8.937	91	944302	25.262	ug/l	100
68) m/p-Xylenes	9.062	106	553320	38.352	ug/l	99
69) o-Xylene	9.477	106	16173	1.266	ug/l	81
73) Isopropylbenzene	9.857	105	294641	7.897	ug/l	99
78) n-propylbenzene	10.278	91	431195	9.490	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	221695	7.148	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	296085	9.834	ug/l	100
85) sec-Butylbenzene	11.017	105	11710	0.285	ug/l	94
89) n-Butylbenzene	11.580	91	13567m	0.416	ug/l	
95) Naphthalene	13.432	128	86115	2.539	ug/l	98

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

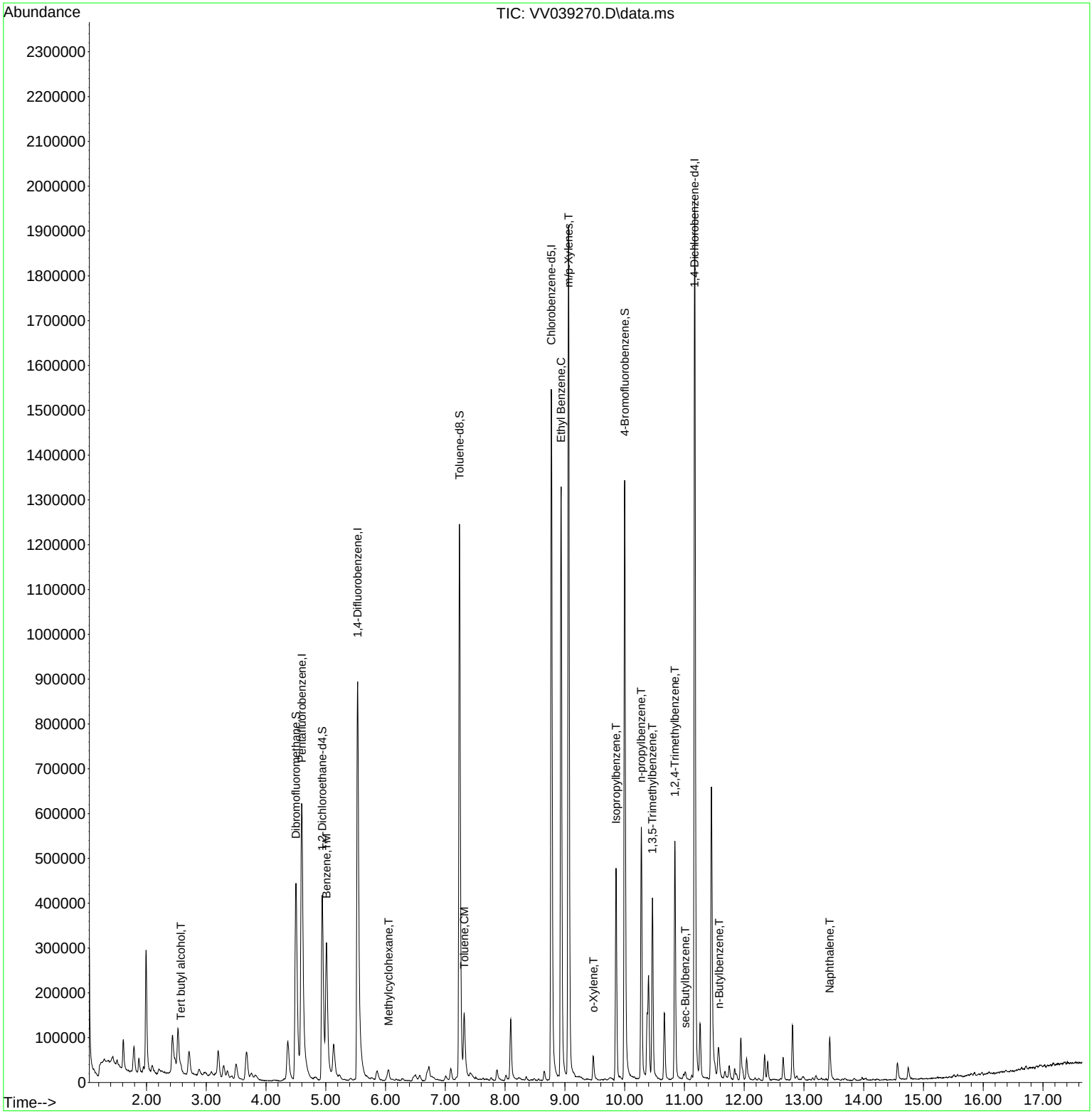
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039270.D
Acq On : 06 Oct 2025 13:56
Operator : SY/MD
Sample : Q3201-05DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

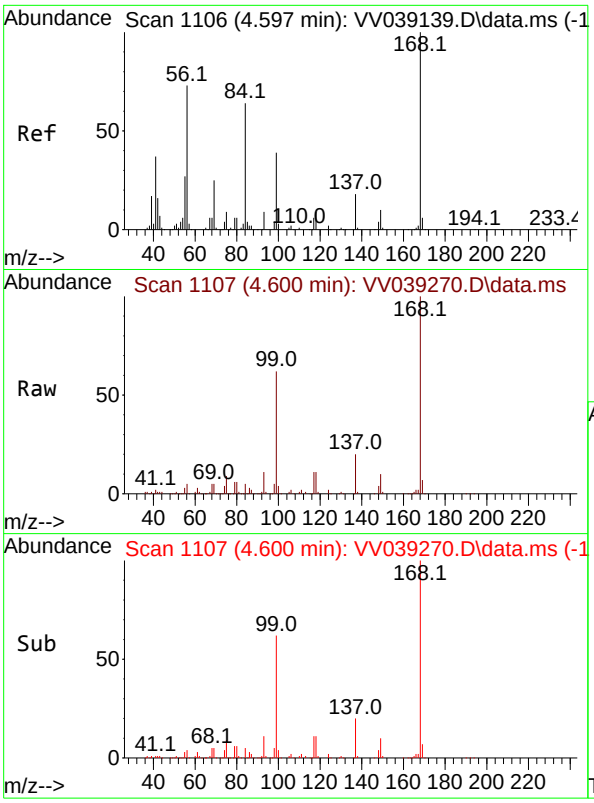
Quant Time: Oct 07 03:34:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

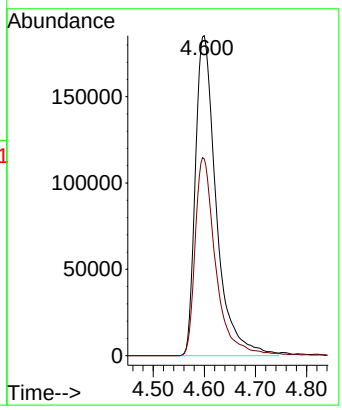




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:168 Resp: 52555

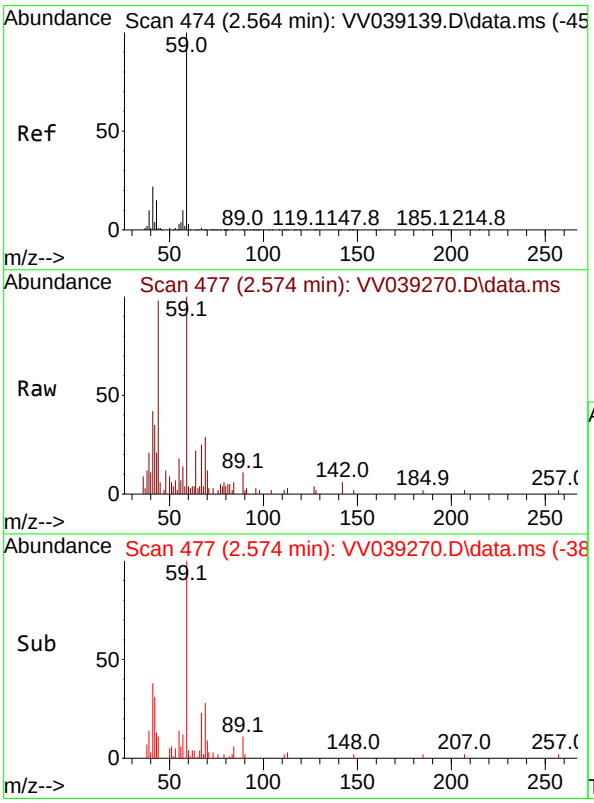
Ion	Ratio	Lower	Upper
168	100		
99	61.5	49.6	74.4



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

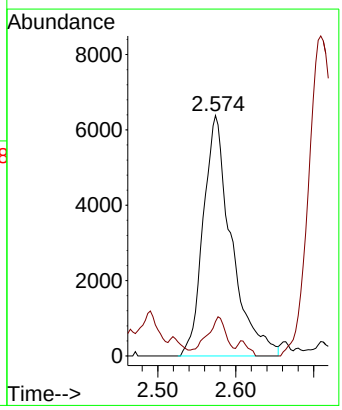
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

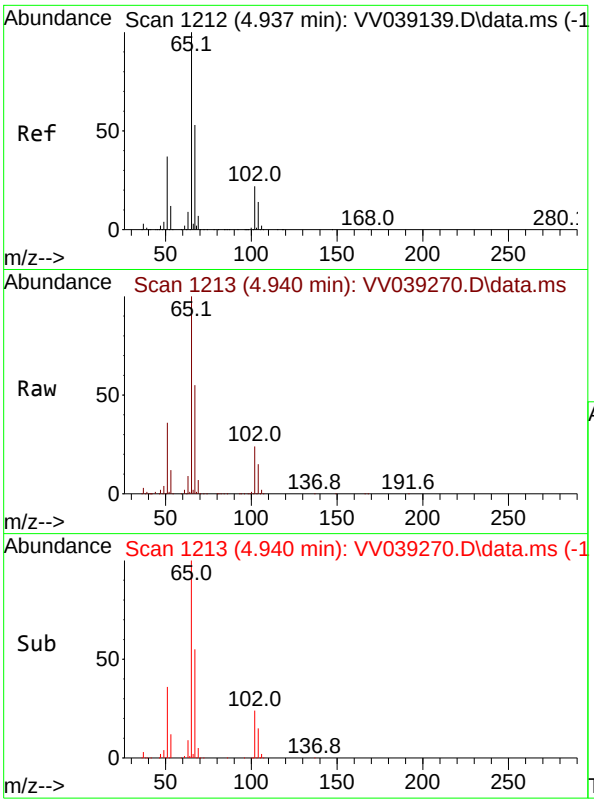


#11
Tert butyl alcohol
Concen: 9.995 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 59 Resp: 16068

Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.8	11.8

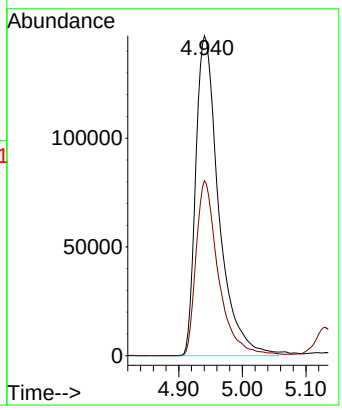




#33
1,2-Dichloroethane-d4
Concen: 48.536 ug/l
RT: 4.940 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 65 Resp: 36918

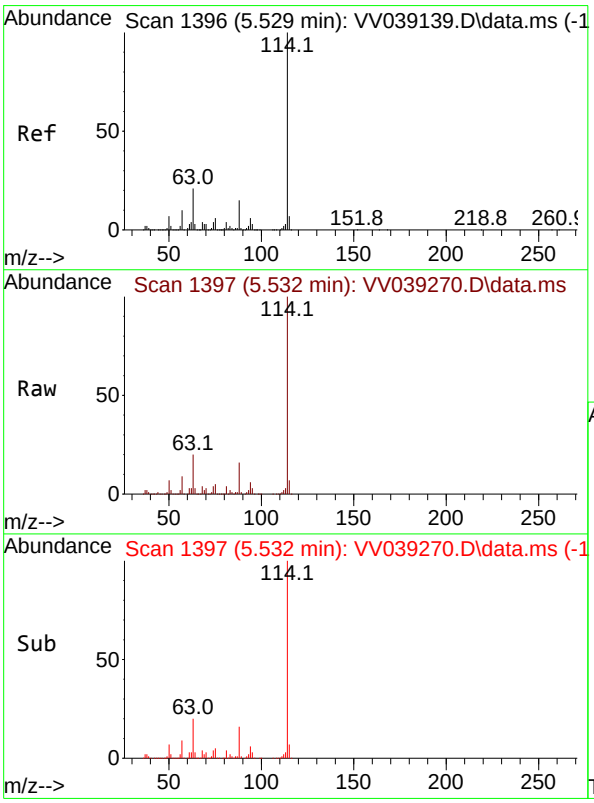
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.0



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

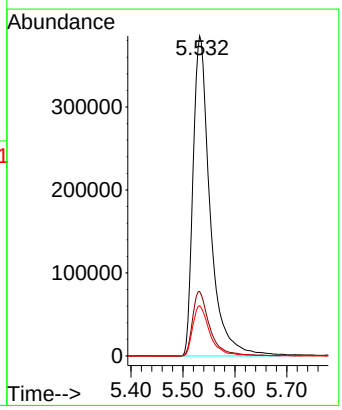
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

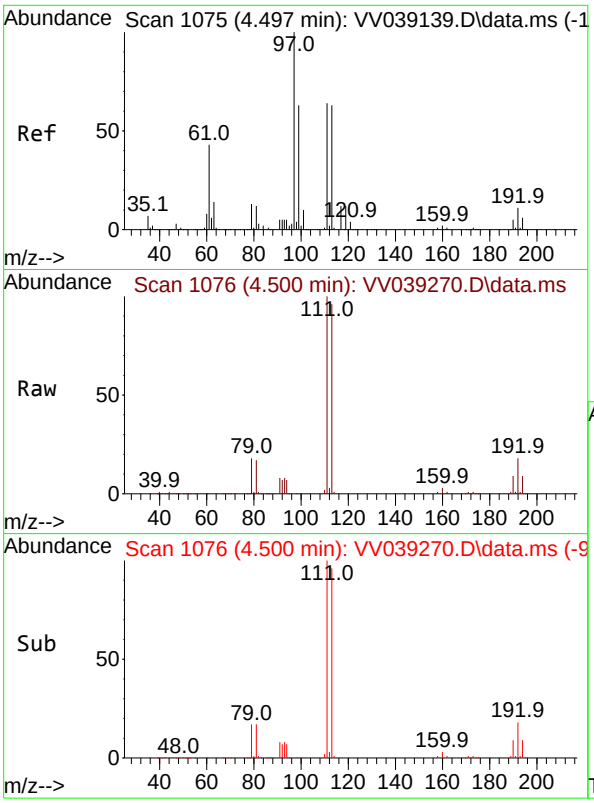


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:114 Resp: 878942

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	15.7	0.0	30.8

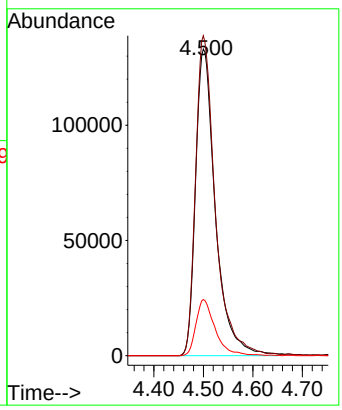




#35
Dibromofluoromethane
Concen: 52.516 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:113 Resp: 37107

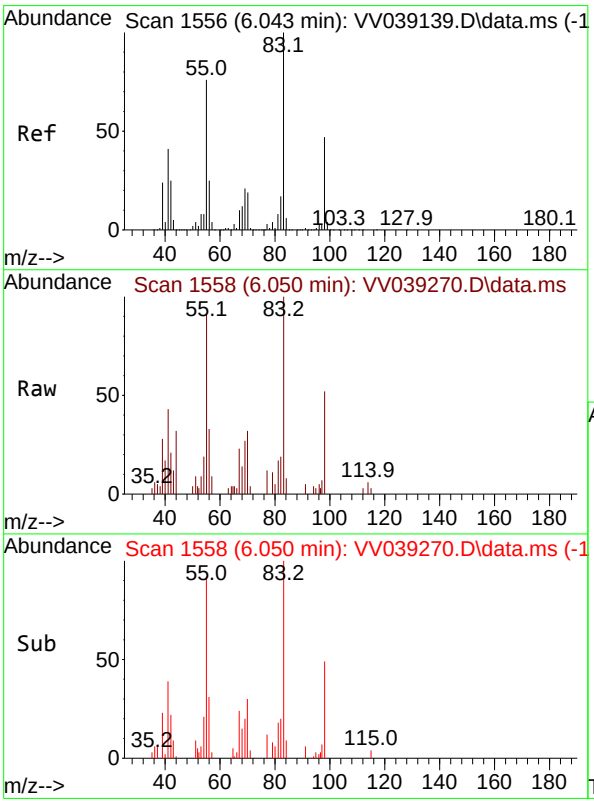
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	17.8	13.8	20.8



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
APPROVED

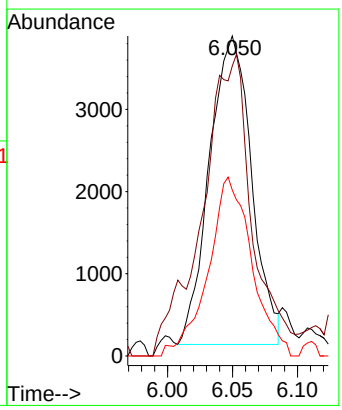
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

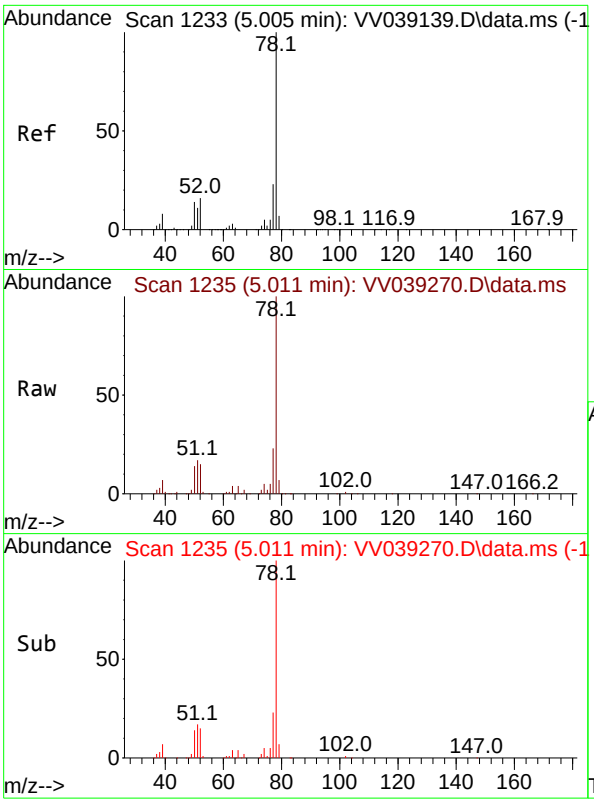


#39
Methylcyclohexane
Concen: 0.656 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 83 Resp: 8457

Ion	Ratio	Lower	Upper
83	100		
55	79.3	60.5	90.7
98	49.7	37.8	56.6





#40
Benzene
Concen: 10.112 ug/l
RT: 5.011 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 78 Resp: 35178

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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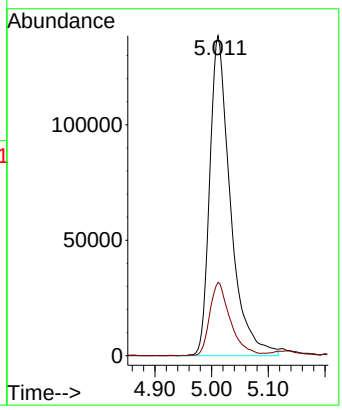
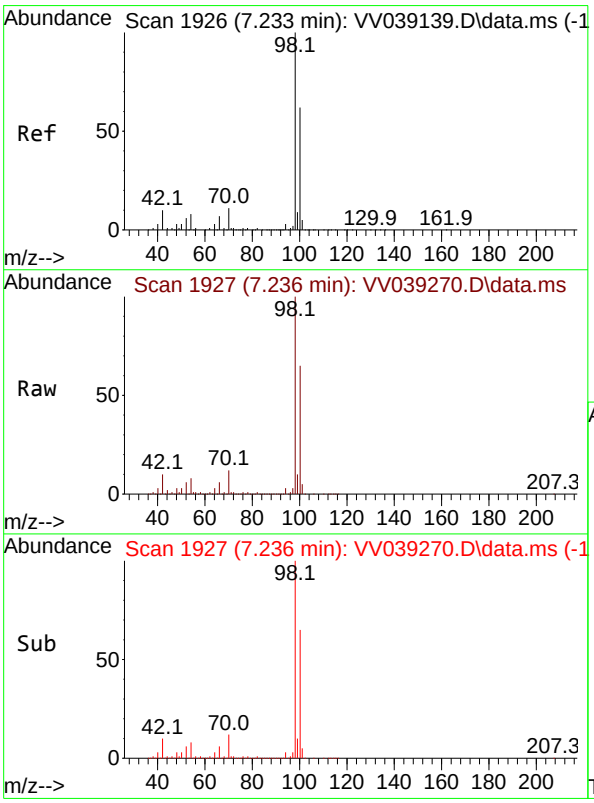
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

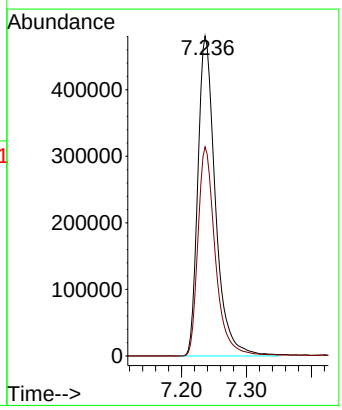


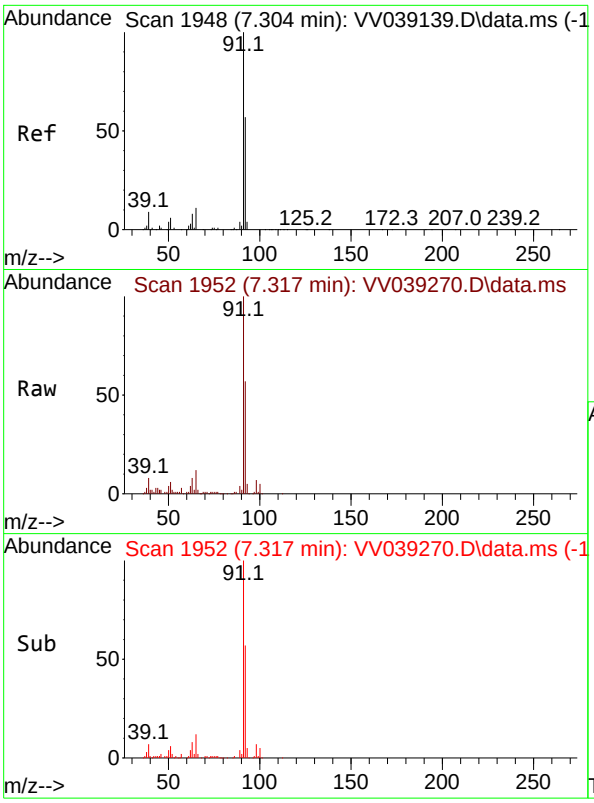


#50
Toluene-d8
Concen: 43.549 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 98 Resp: 903765

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





#52
Toluene
Concen: 3.557 ug/l
RT: 7.317 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 92 Resp: 7174

Ion	Ratio	Lower	Upper
92	100		
91	170.9	139.2	208.8

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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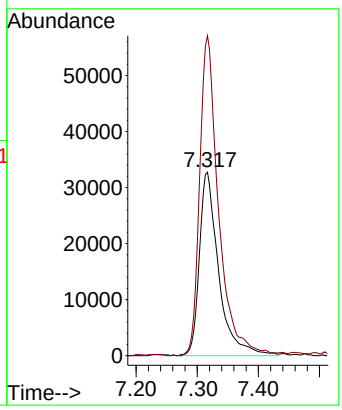
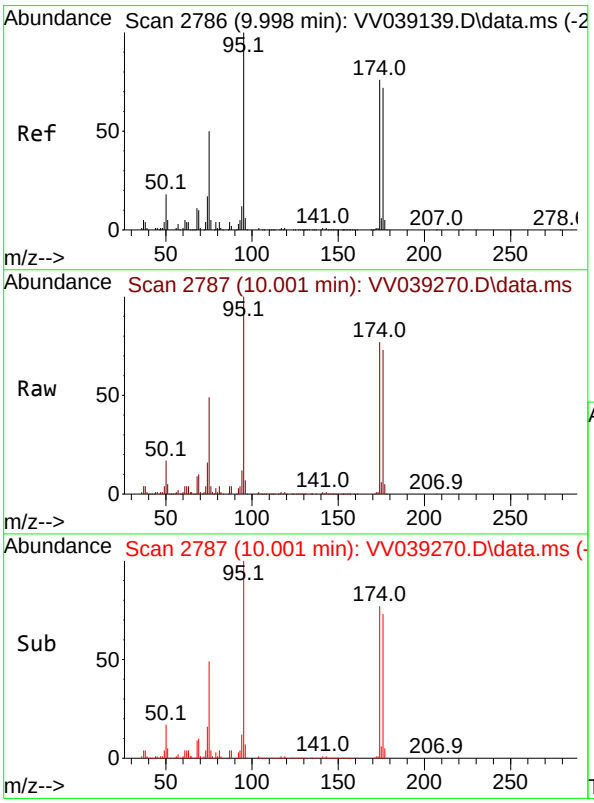
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

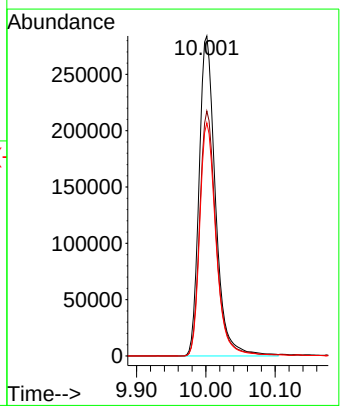


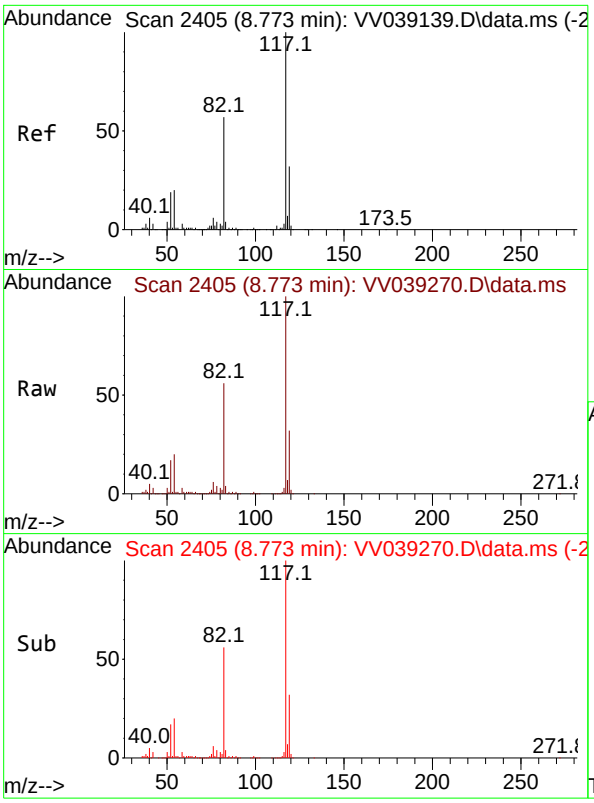


#62
4-Bromofluorobenzene
Concen: 54.598 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 95 Resp: 466453

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.4
176	72.7	0.0	144.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:117 Resp: 88656

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.2
119	31.9	25.6	38.4

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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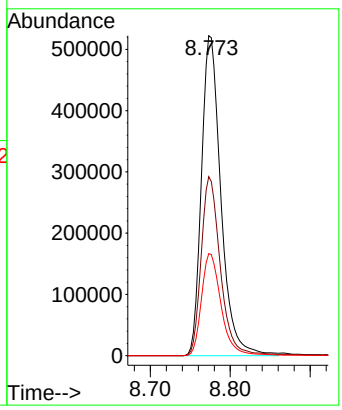
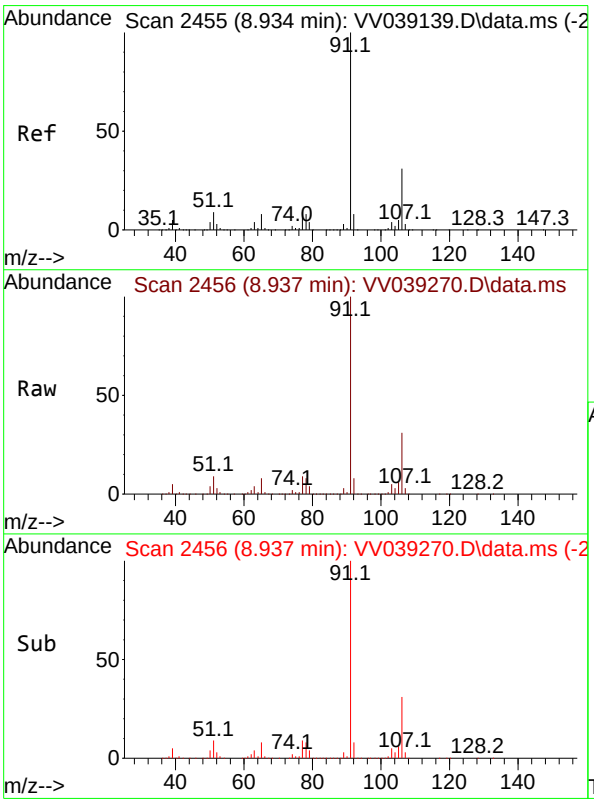
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

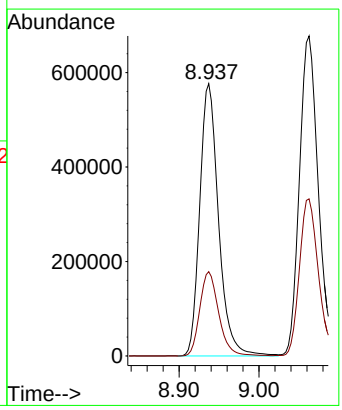


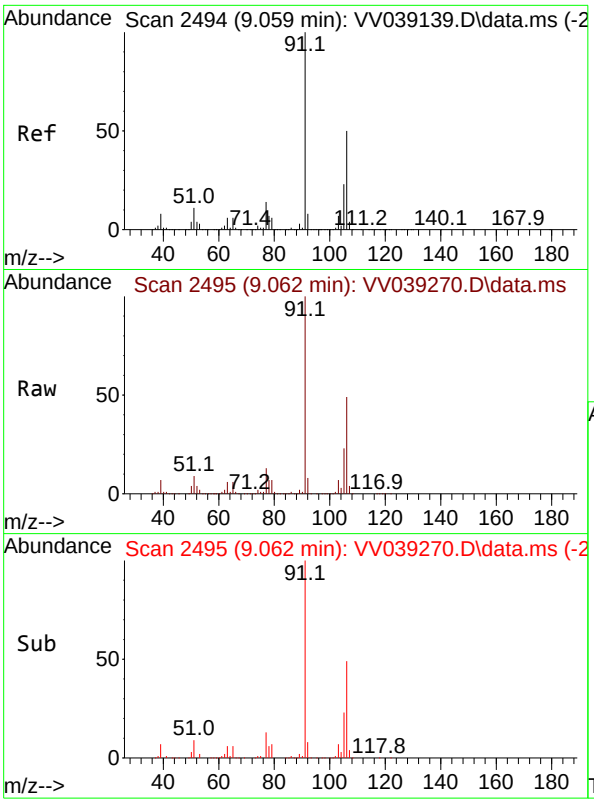


#67
Ethyl Benzene
Concen: 25.262 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 944302

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	37.0





#68
m/p-Xylenes
Concen: 38.352 ug/l
RT: 9.062 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:106 Resp: 55332

Ion	Ratio	Lower	Upper
106	100		
91	204.4	162.5	243.7

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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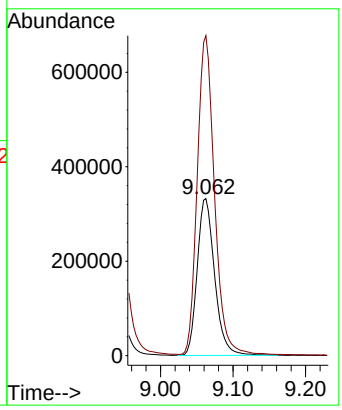
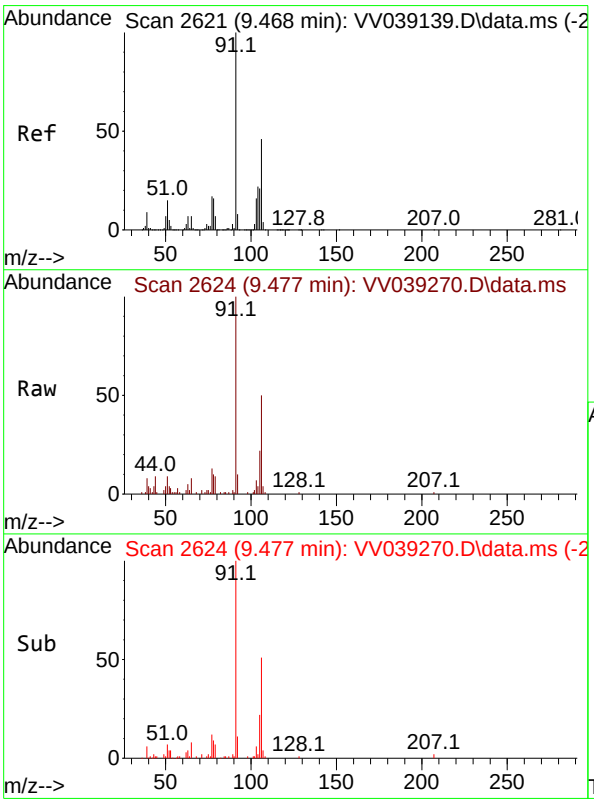
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

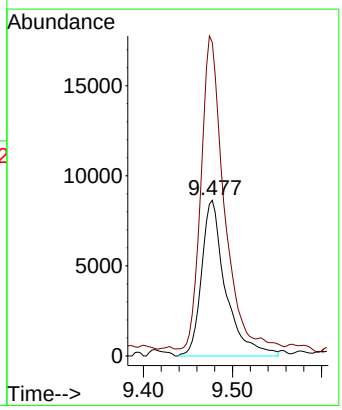


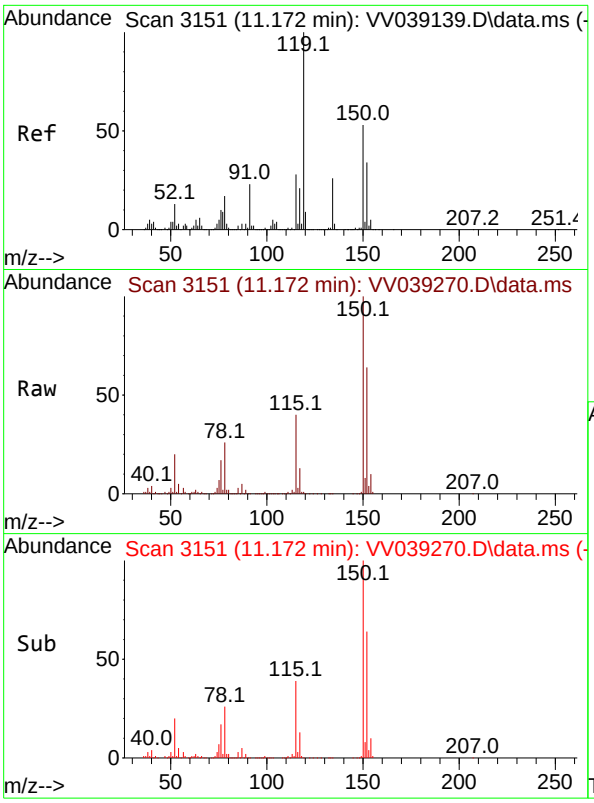


#69
o-Xylene
Concen: 1.266 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:106 Resp: 16173

Ion	Ratio	Lower	Upper
106	100		
91	187.7	109.1	327.3

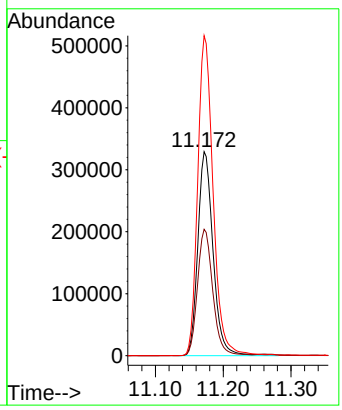




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:152 Resp: 51442

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.8	134.4
150	158.1	0.0	353.8



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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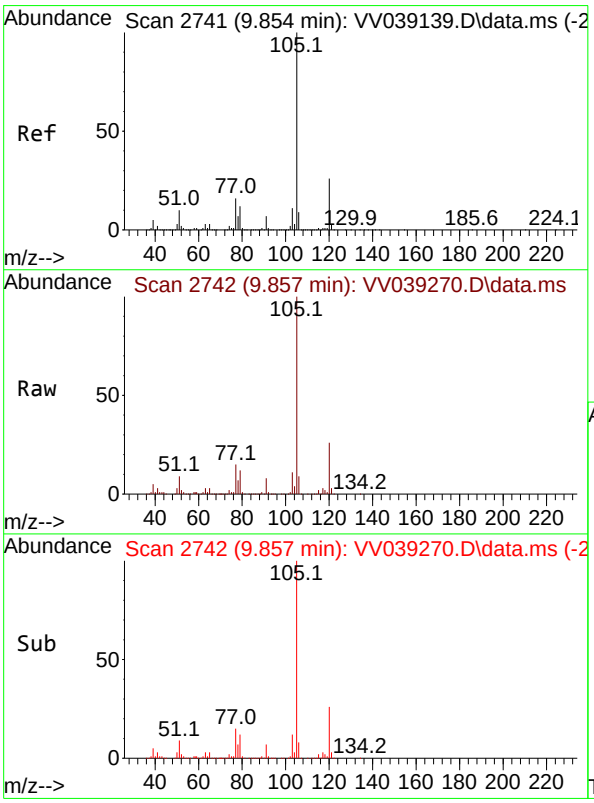
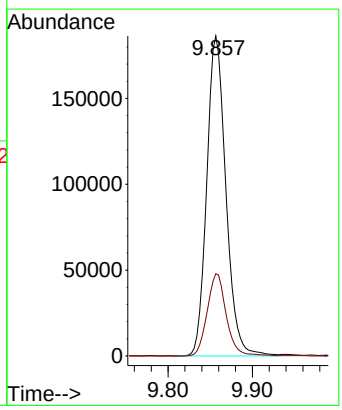
Supervised By :Semsettin Yesilyurt 10/07/2025

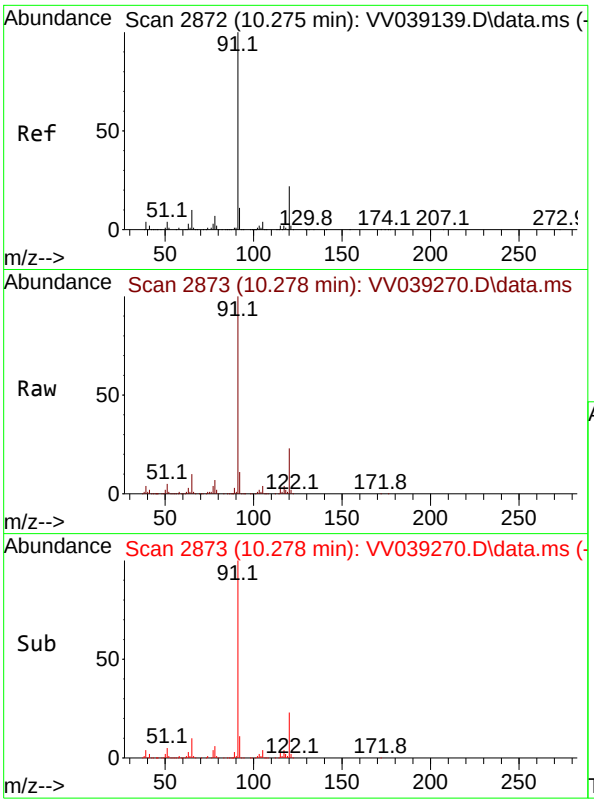


#73
Isopropylbenzene
Concen: 7.897 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 294641

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1

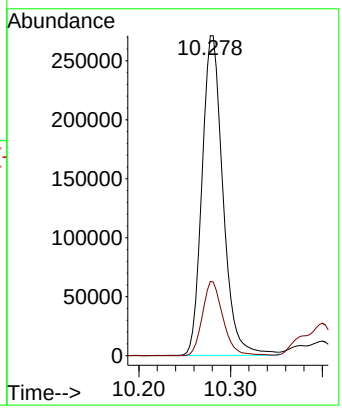




#78
n-propylbenzene
Concen: 9.490 ug/l
RT: 10.278 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 43119

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.1	33.3



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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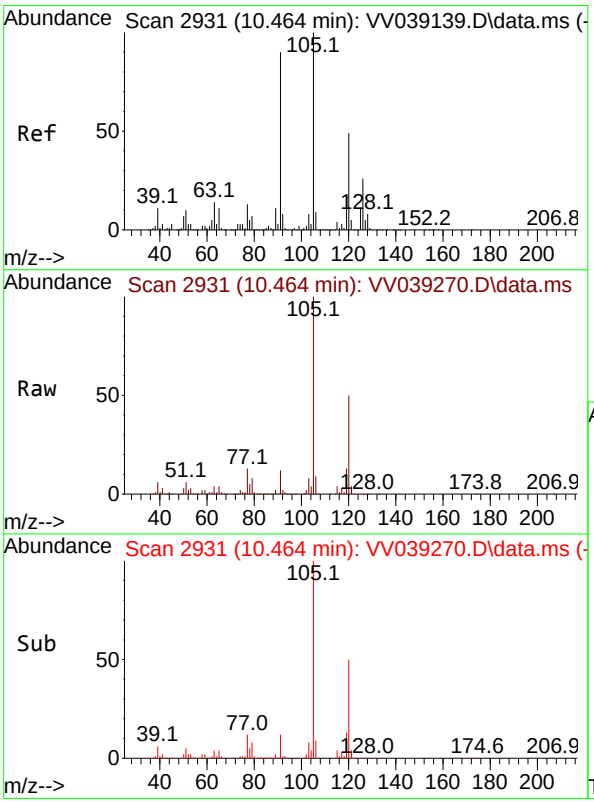
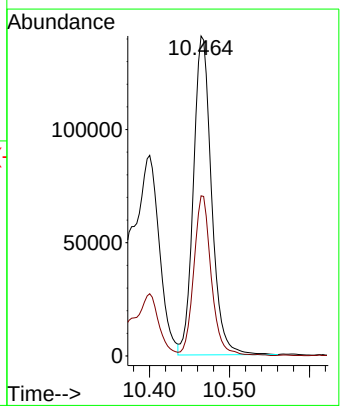
Supervised By :Semsettin Yesilyurt 10/07/2025

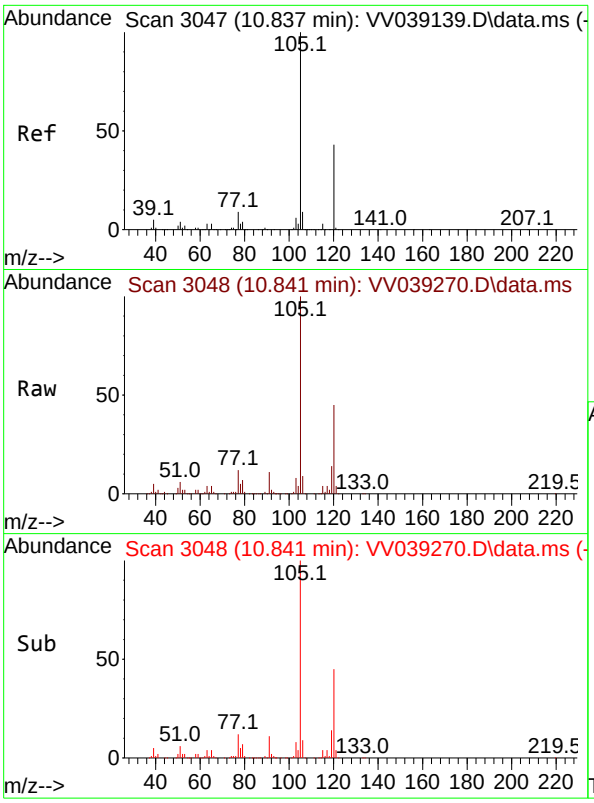


#80
1,3,5-Trimethylbenzene
Concen: 7.148 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 221695

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.3	72.8

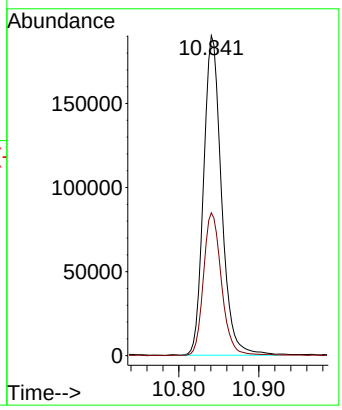




#84
1,2,4-Trimethylbenzene
Concen: 9.834 ug/l
RT: 10.841 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 29608

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.2



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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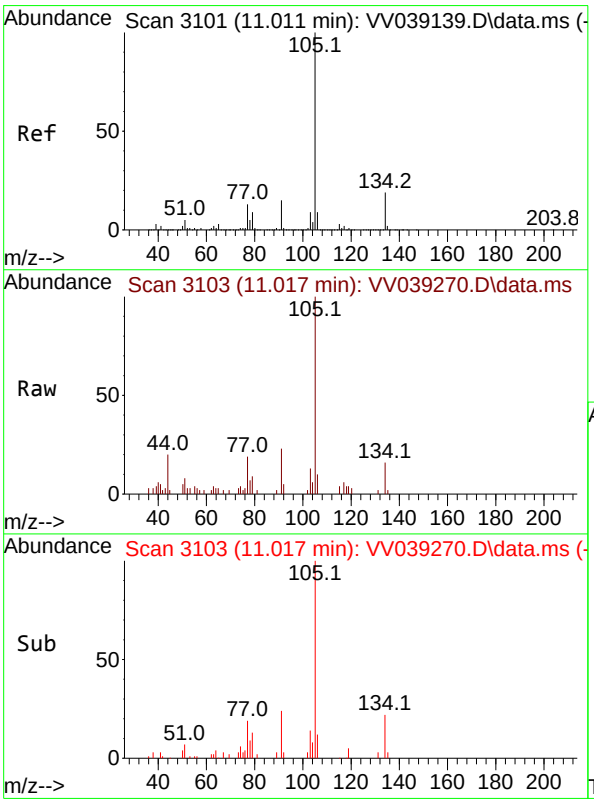
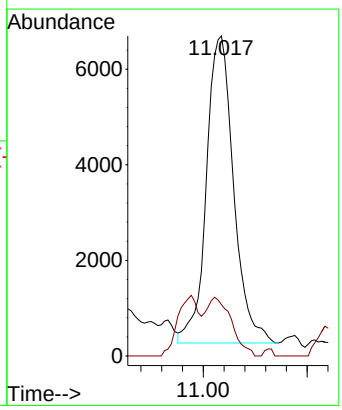
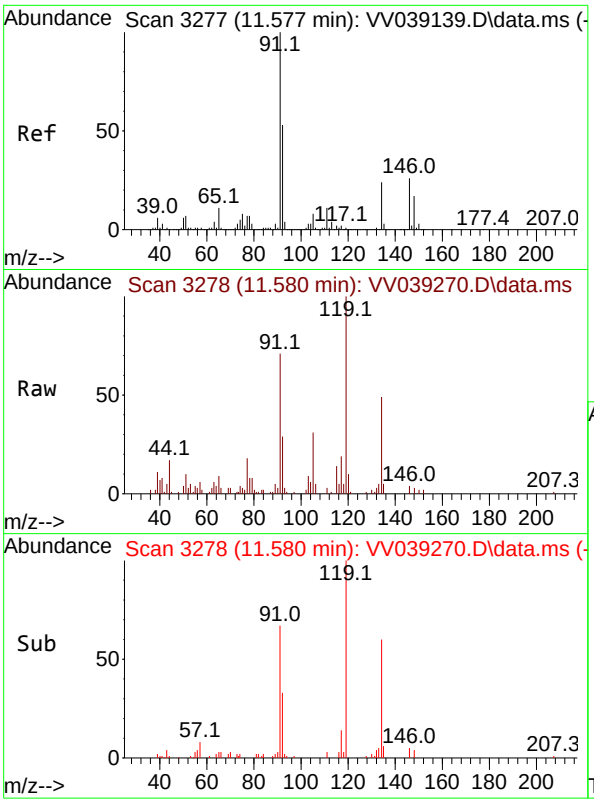


#85
sec-Butylbenzene
Concen: 0.285 ug/l
RT: 11.017 min Scan# 3103
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 11710

Ion	Ratio	Lower	Upper
105	100		
134	16.4	9.6	28.8

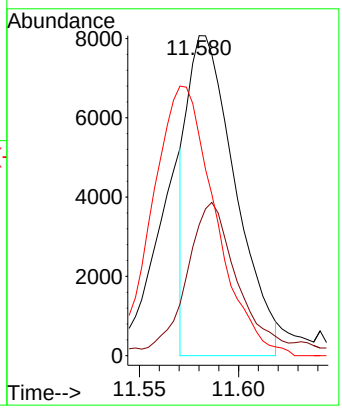




#89
n-Butylbenzene
Concen: 0.416 ug/l m
RT: 11.580 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 1356

Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.6	79.8
134	110.4	12.1	36.3#



Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Manual Integrations
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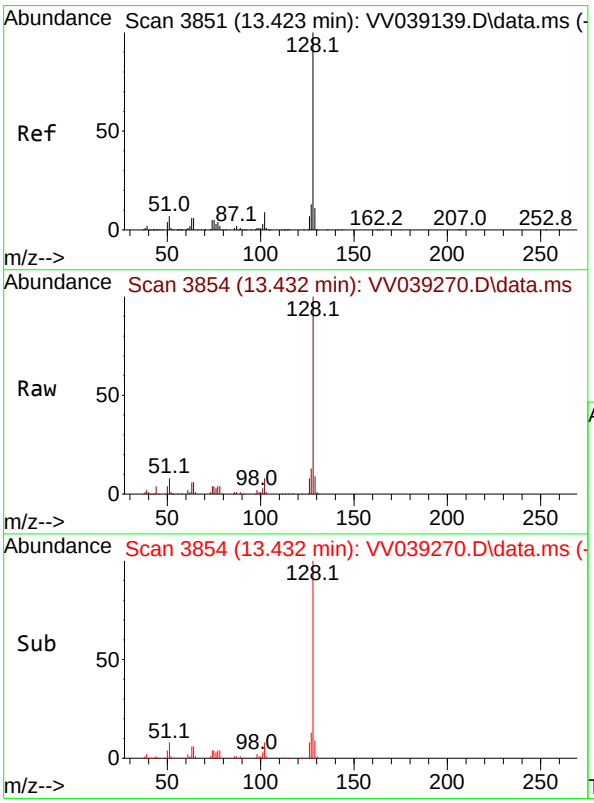
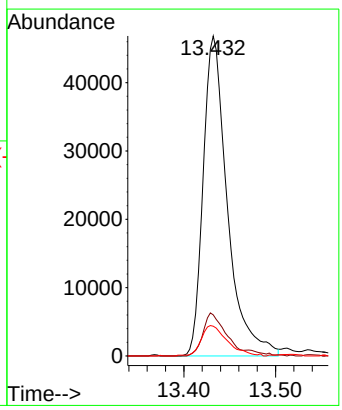


#95
Naphthalene
Concen: 2.539 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.009 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:128 Resp: 86115

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.2	8.6	13.0



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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW3	SDG No.:	Q3201
Lab Sample ID:	Q3201-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048020.D	10	10/06/25 13:46	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	55.1	U	55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	15.1	U	15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	47.7	J	14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	24.5		1.60	10.0	ug/L
71-43-2	Benzene	33.8		1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW3	SDG No.:	Q3201
Lab Sample ID:	Q3201-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048020.D	10	10/06/25 13:46	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	350		1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	630		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	630		2.40	20.0	ug/L
95-47-6	o-Xylene	150		1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	160		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.3		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146000	5.543			
540-36-3	1,4-Difluorobenzene	297000	6.75			
3114-55-4	Chlorobenzene-d5	308000	10.036			
3855-82-1	1,4-Dichlorobenzene-d4	160000	12.006			

Raw Data: **VX048020.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	MW3	SDG No.:	Q3201
Lab Sample ID:	Q3201-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048020.D	10	10/06/25 13:46	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX048020.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048020.D
Acq On : 06 Oct 2025 13:46
Operator : JC/MD
Sample : Q3201-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 07 02:13:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	146182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	297329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	308048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	159943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123546	53.096	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.379	113	97484	48.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	8.634	98	335535	48.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.067	95	150068	57.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.620%			
Target Compounds						Qvalue
31) Cyclohexane	5.458	56	14656	4.767	ug/l #	93
39) Methylcyclohexane	7.366	83	8109	2.452	ug/l	97
40) Benzene	6.025	78	29927	3.382	ug/l	97
52) Toluene	8.701	92	192829	35.366	ug/l	100
67) Ethyl Benzene	10.177	91	761741	63.084	ug/l	100
68) m/p-Xylenes	10.286	106	284682	63.341	ug/l	99
69) o-Xylene	10.628	106	63069	14.508	ug/l	99
73) Isopropylbenzene	10.945	105	198038	16.286	ug/l	99
78) n-propylbenzene	11.286	91	250618	17.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	120013	12.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.737	105	244190	24.109	ug/l	100
85) sec-Butylbenzene	11.872	105	5740m	0.473	ug/l	
89) n-Butylbenzene	12.304	91	5714m	0.600	ug/l	
95) Naphthalene	13.755	128	96158	9.168	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048020.D
Acq On : 06 Oct 2025 13:46
Operator : JC/MD
Sample : Q3201-06 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 07 02:13:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations APPROVED

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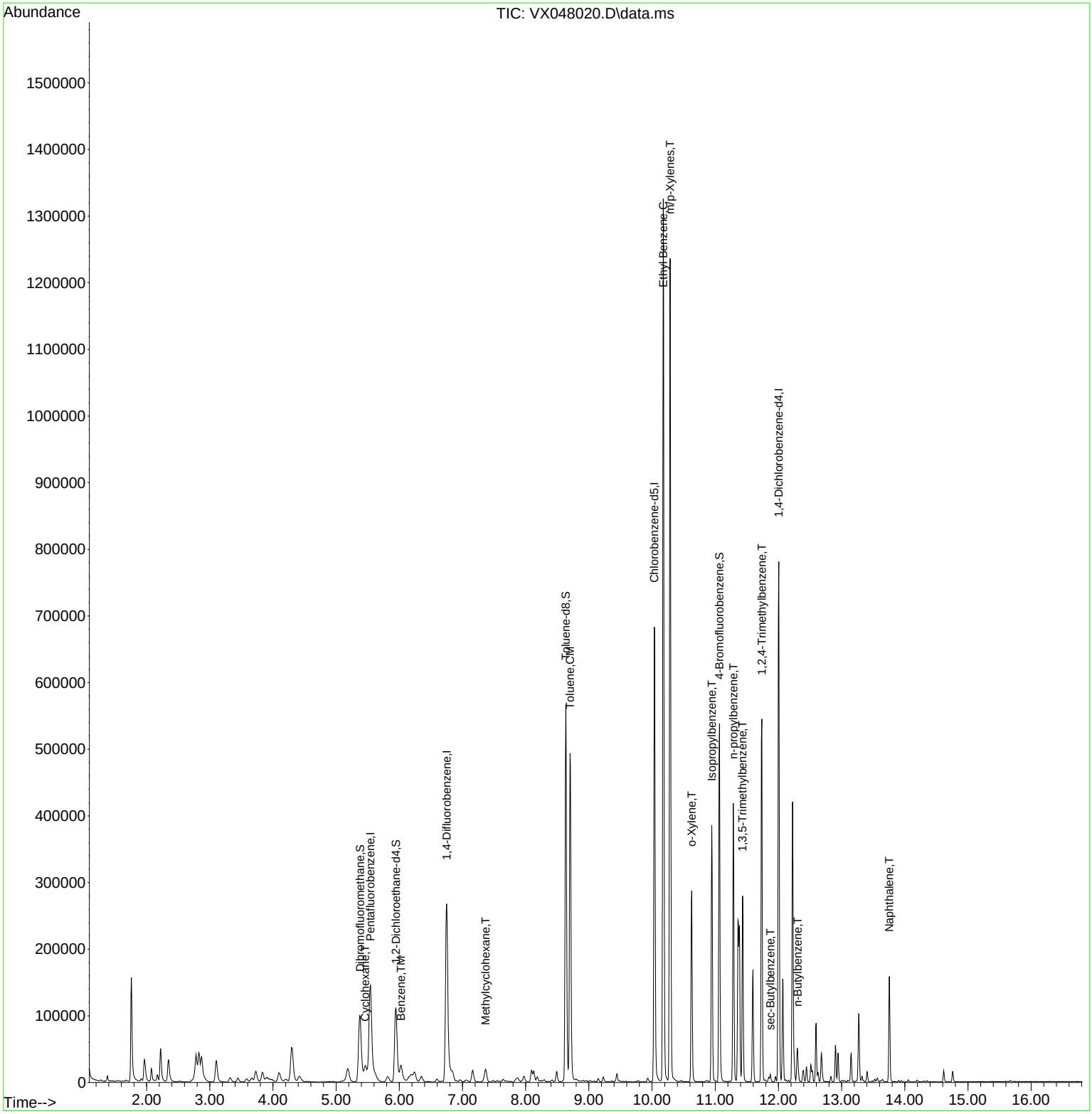

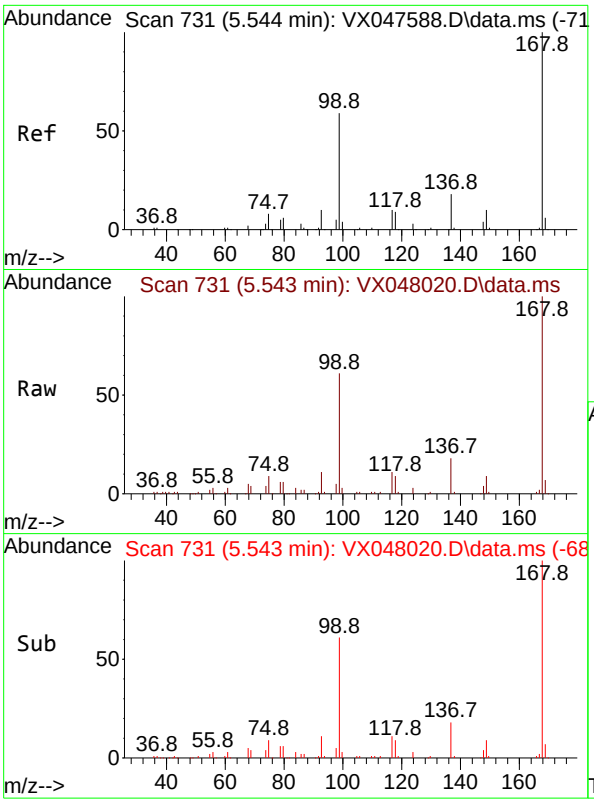

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:168 Resp: 14618

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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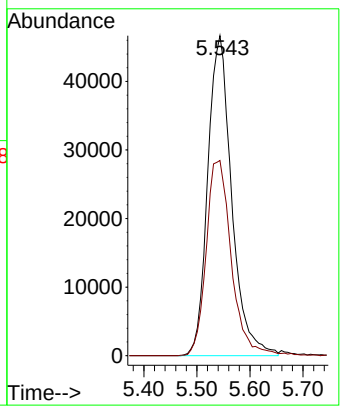
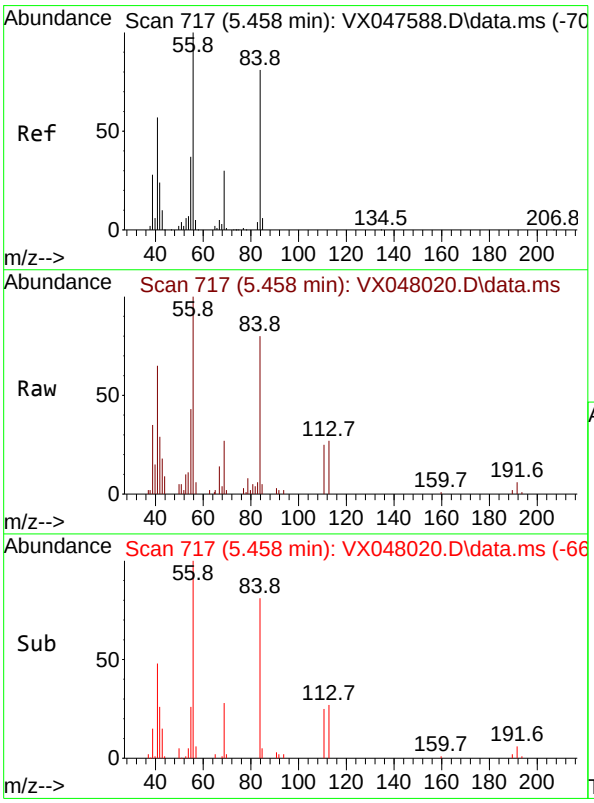
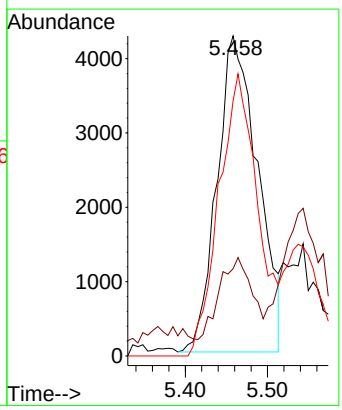


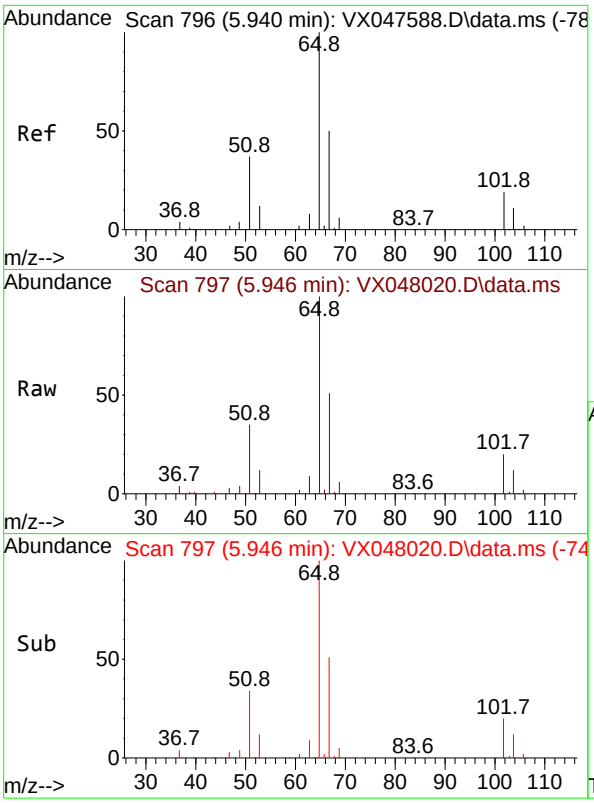


#31
Cyclohexane
Concen: 4.767 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 56 Resp: 14656

Ion	Ratio	Lower	Upper
56	100		
69	23.2	23.8	35.8#
84	85.7	64.6	97.0

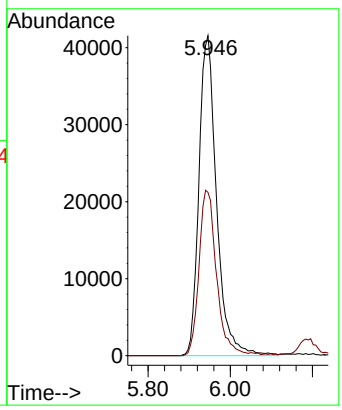




#33
1,2-Dichloroethane-d4
Concen: 53.096 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 65 Resp: 12354

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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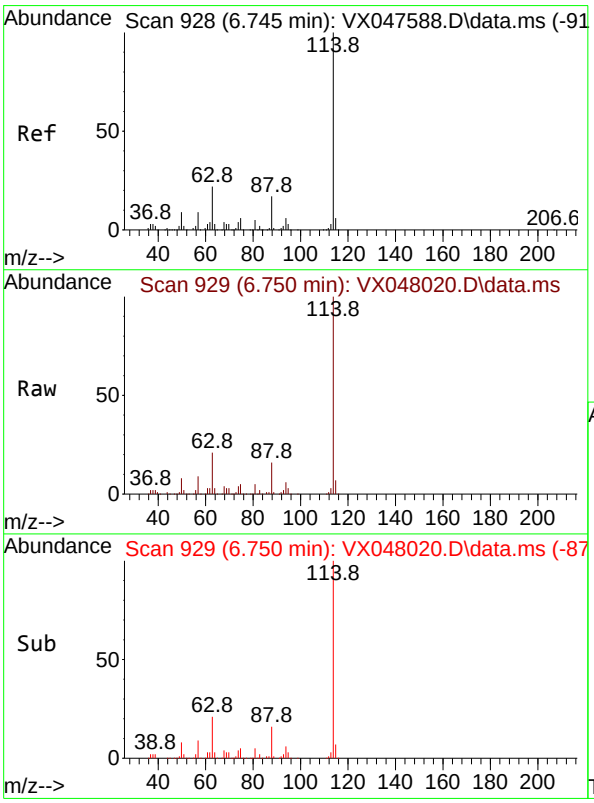
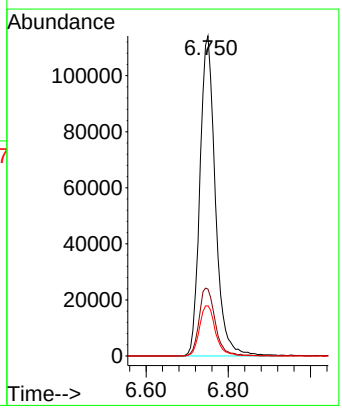
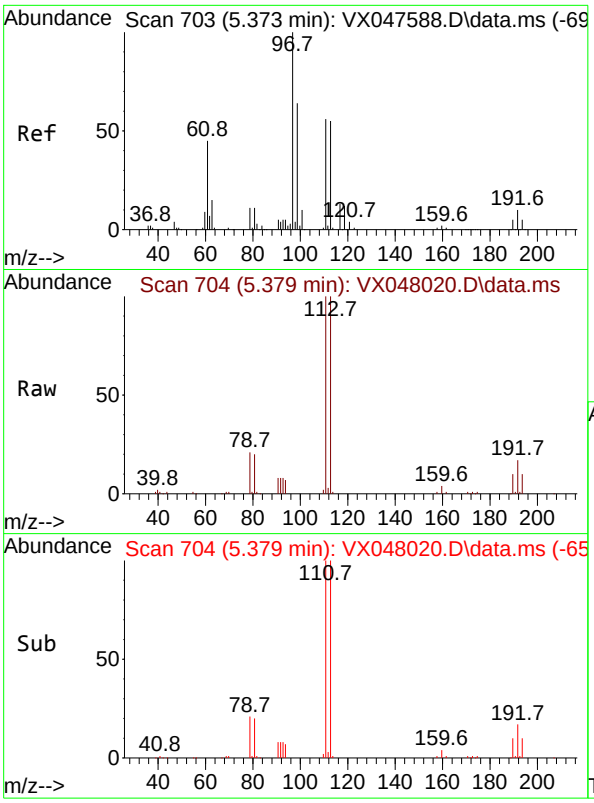


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:114 Resp: 297329

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	15.6	0.0	34.2

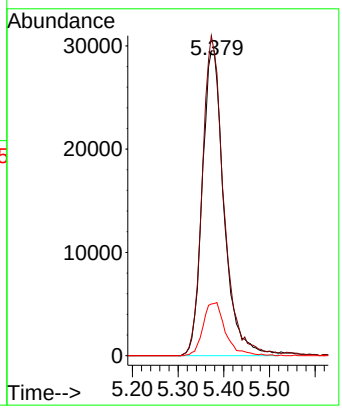




#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:113 Resp: 9748

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.9	121.3
192	17.9	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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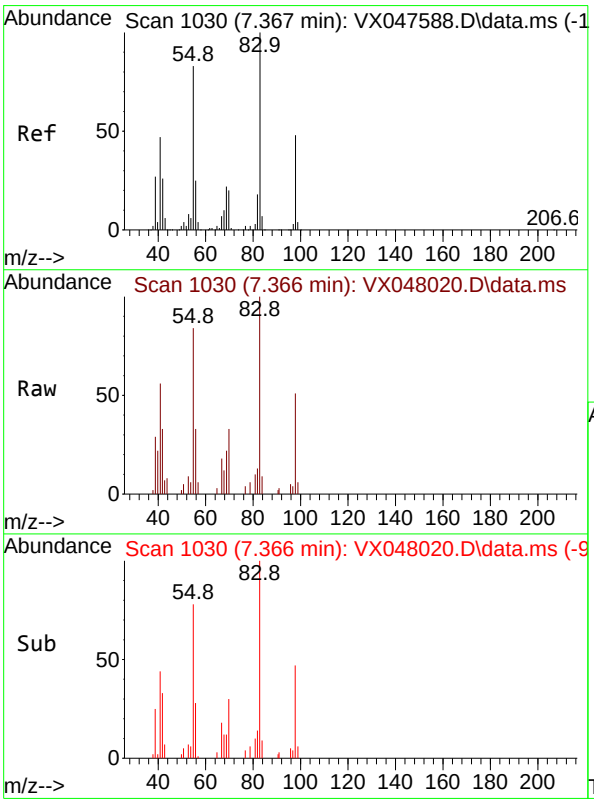
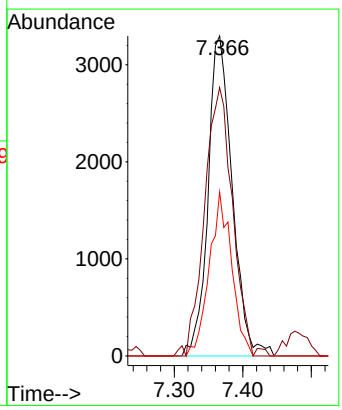
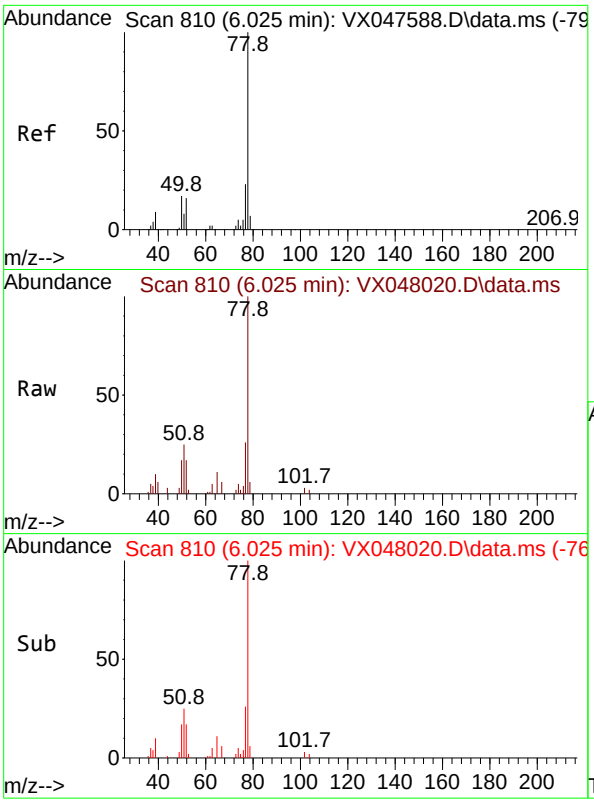


#39
Methylcyclohexane
Concen: 2.452 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 83 Resp: 8109

Ion	Ratio	Lower	Upper
83	100		
55	81.9	66.4	99.6
98	51.3	38.1	57.1

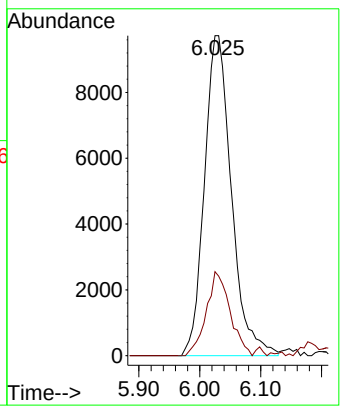




#40
Benzene
Concen: 3.382 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 78 Resp: 2992

Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
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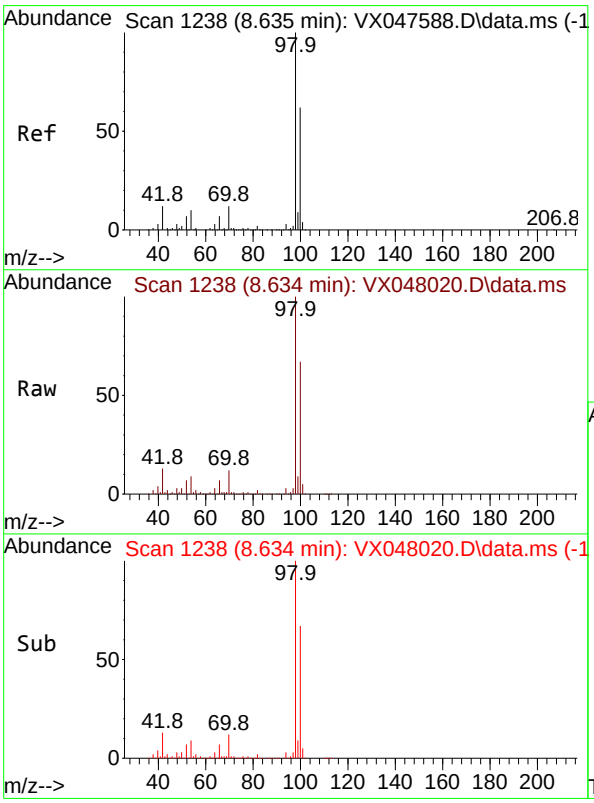
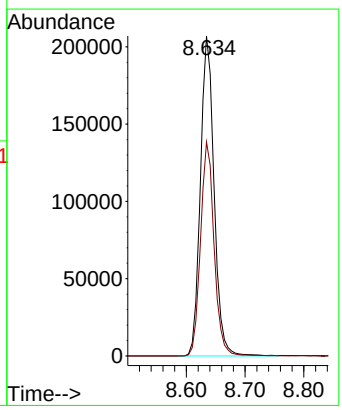
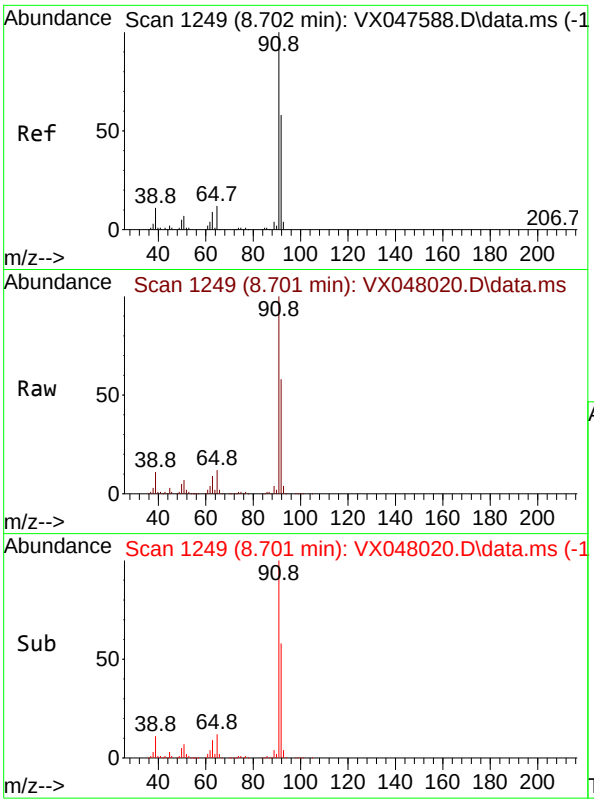


#50
Toluene-d8
Concen: 48.630 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 98 Resp: 335535

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4





#52
Toluene
Concen: 35.366 ug/l
RT: 8.701 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

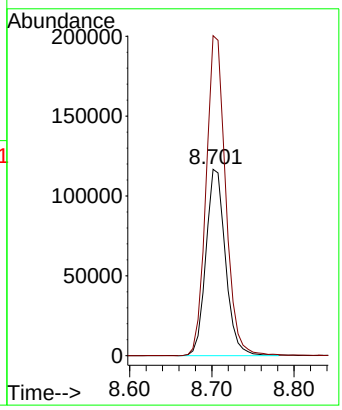
Tgt Ion: 92 Resp: 19282

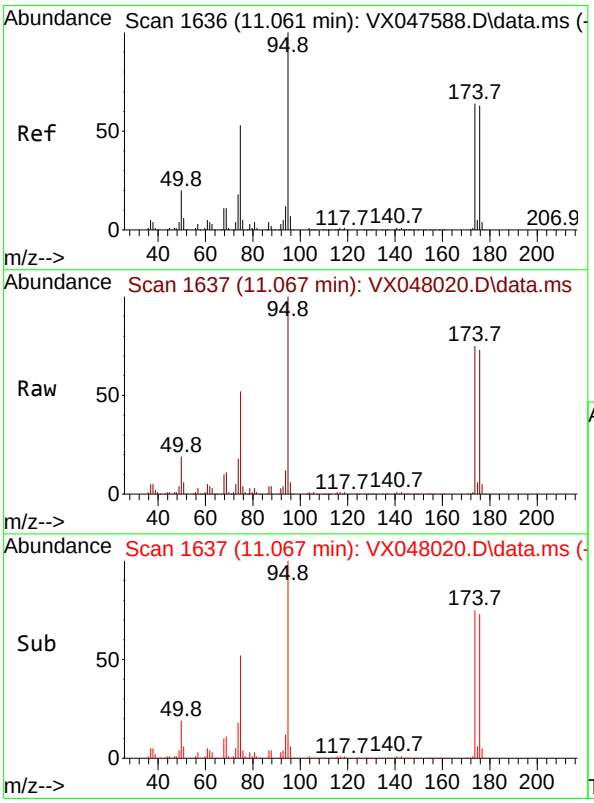
Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.1	205.7

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

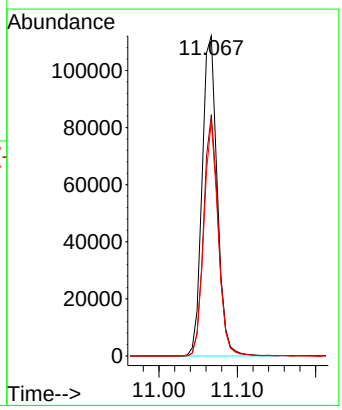


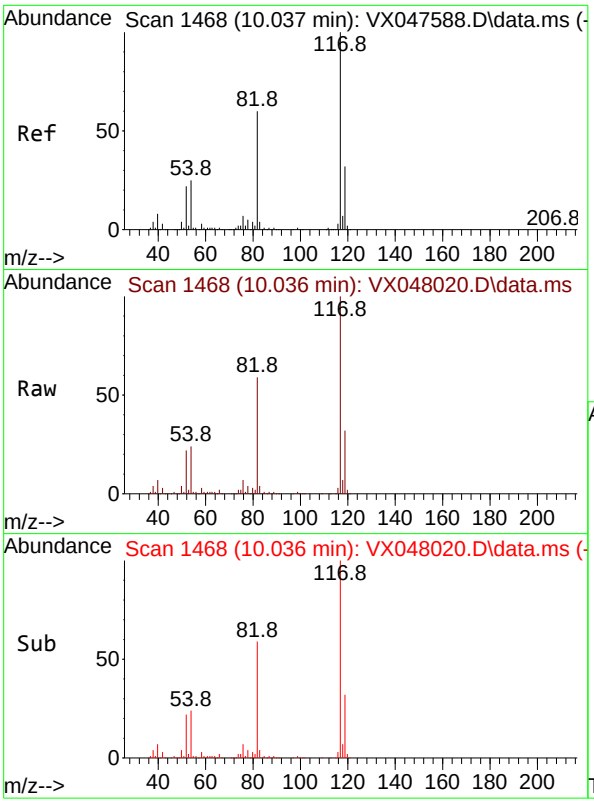


#62
4-Bromofluorobenzene
Concen: 57.308 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 95 Resp: 150068

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	69.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

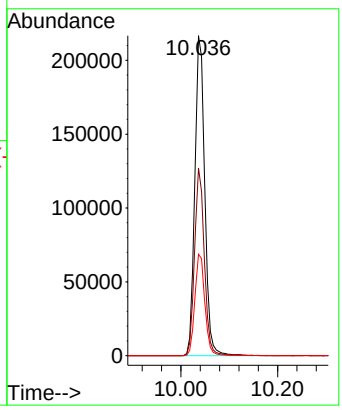
Tgt Ion:117 Resp: 30804

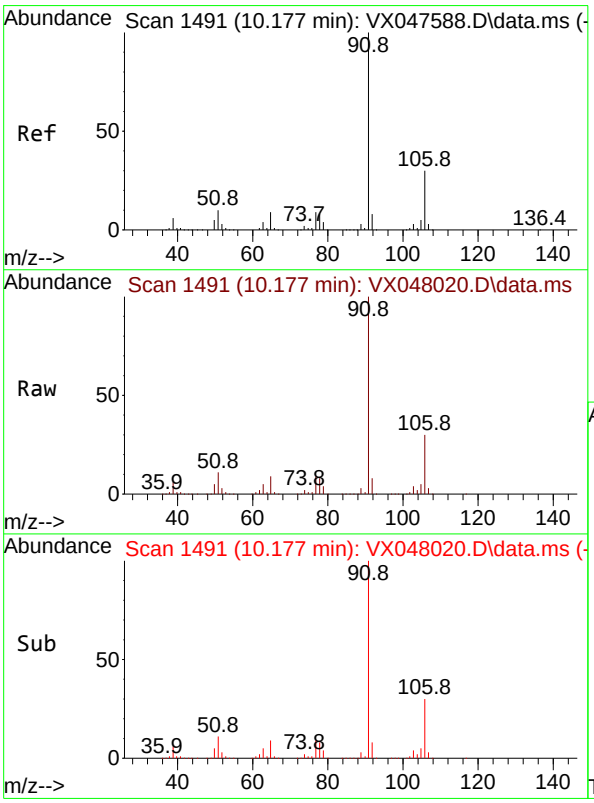
Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.6
119	31.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

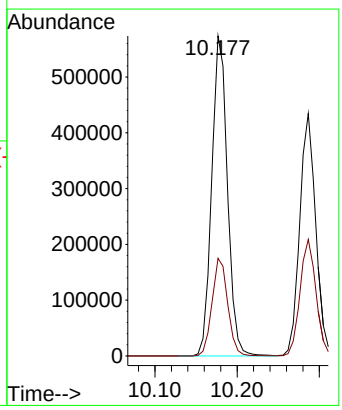


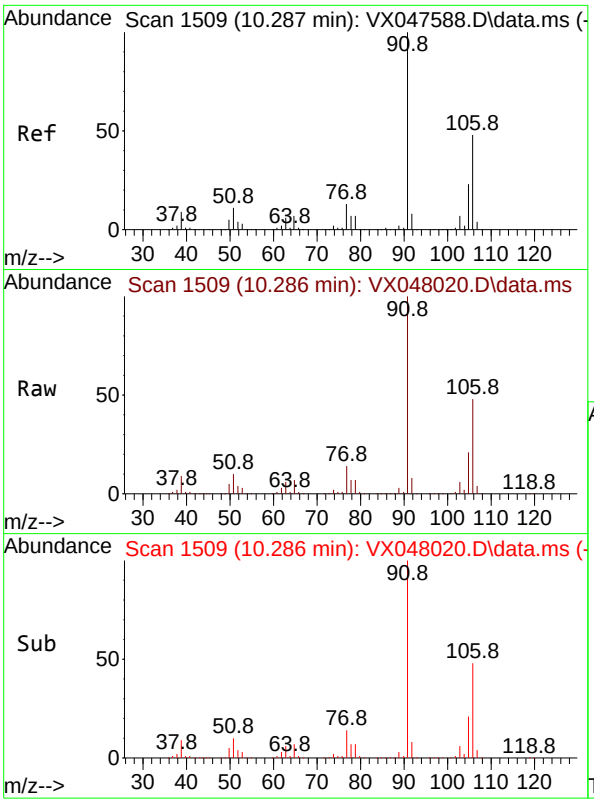


#67
Ethyl Benzene
Concen: 63.084 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 91 Resp: 761741

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5





#68
m/p-Xylenes
Concen: 63.341 ug/l
RT: 10.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

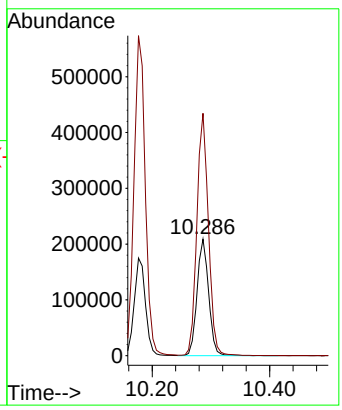
Tgt Ion:106 Resp: 28468

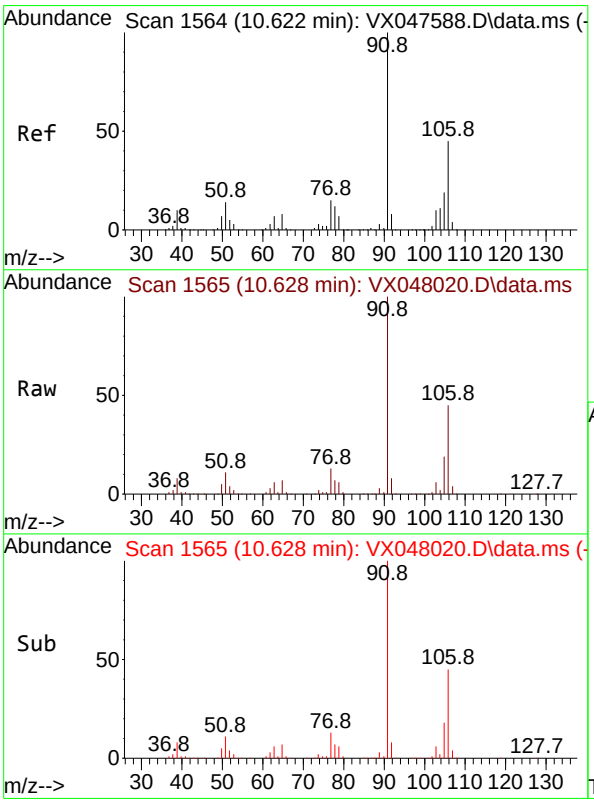
Ion	Ratio	Lower	Upper
106	100		
91	207.6	167.8	251.8

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

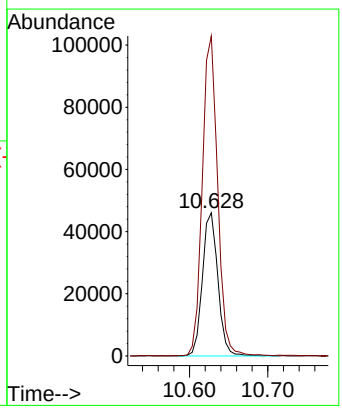


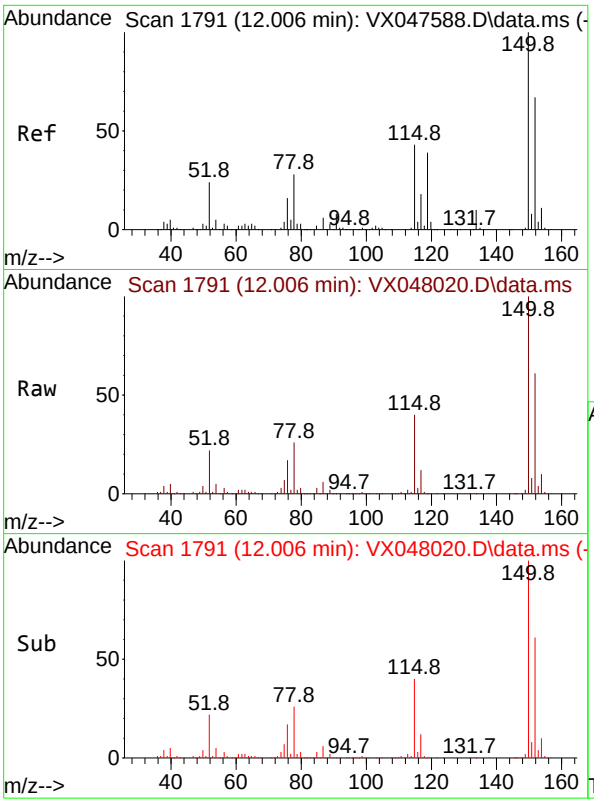


#69
o-Xylene
Concen: 14.508 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:106 Resp: 63069

Ion	Ratio	Lower	Upper
106	100		
91	221.2	111.1	333.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

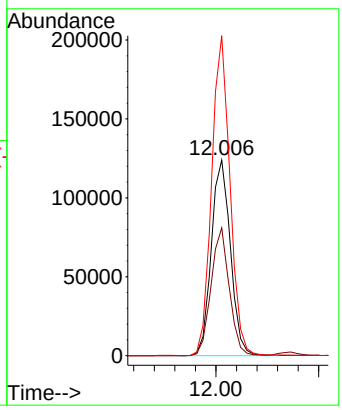
Tgt Ion:152 Resp: 15994

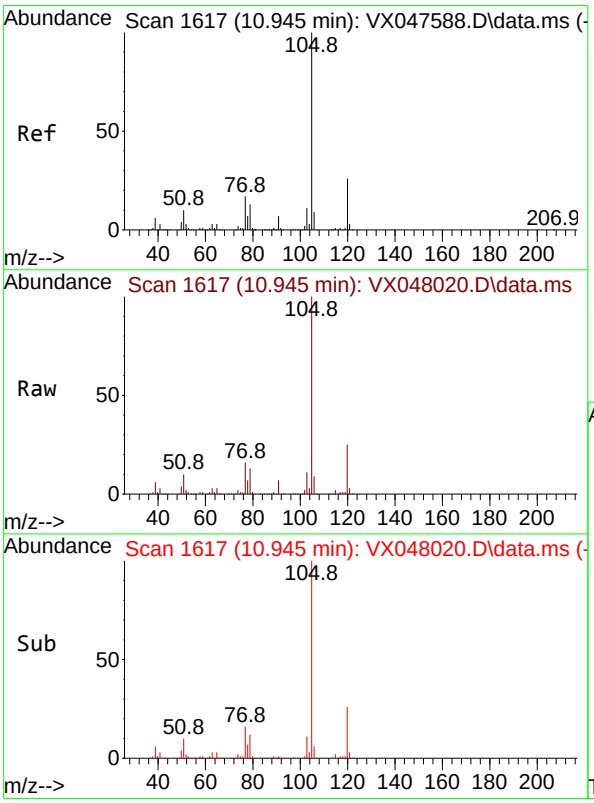
Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	157.5	0.0	352.0

Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

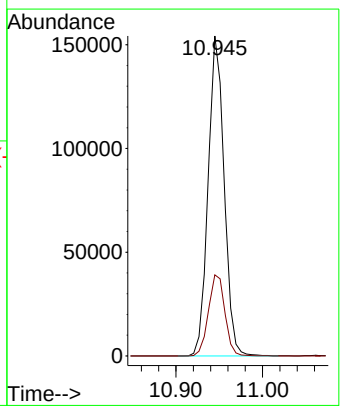


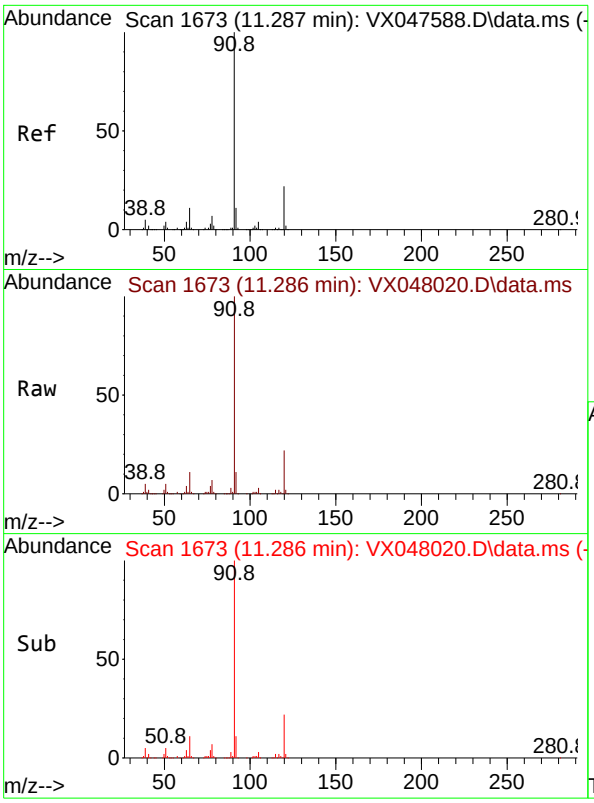


#73
Isopropylbenzene
Concen: 16.286 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 198038

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

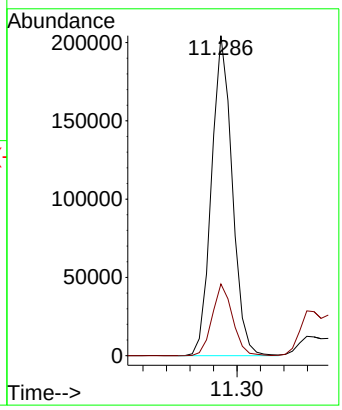




#78
n-propylbenzene
Concen: 17.435 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 91 Resp: 25061

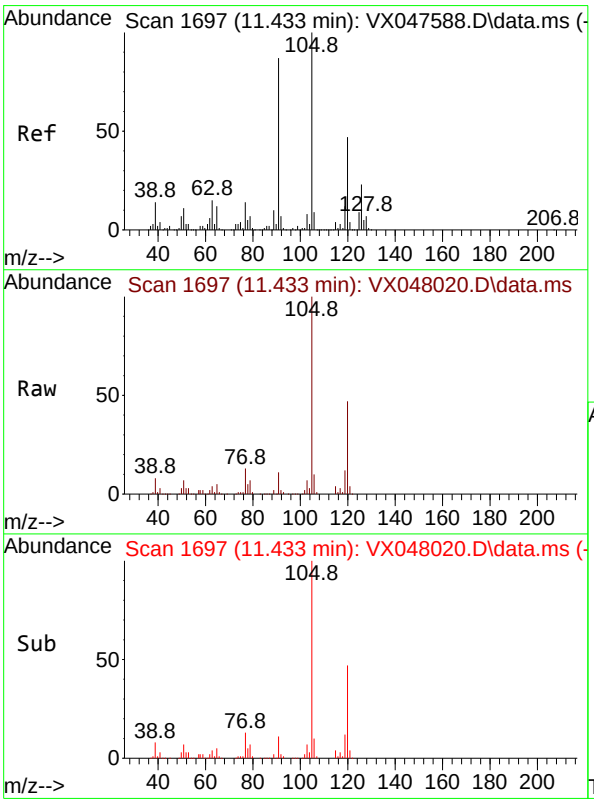
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

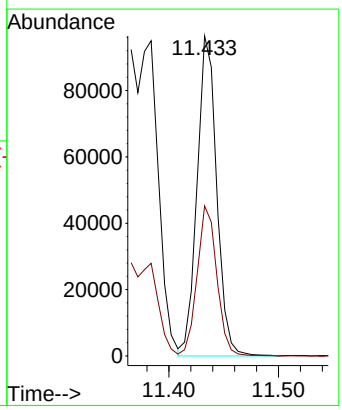
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

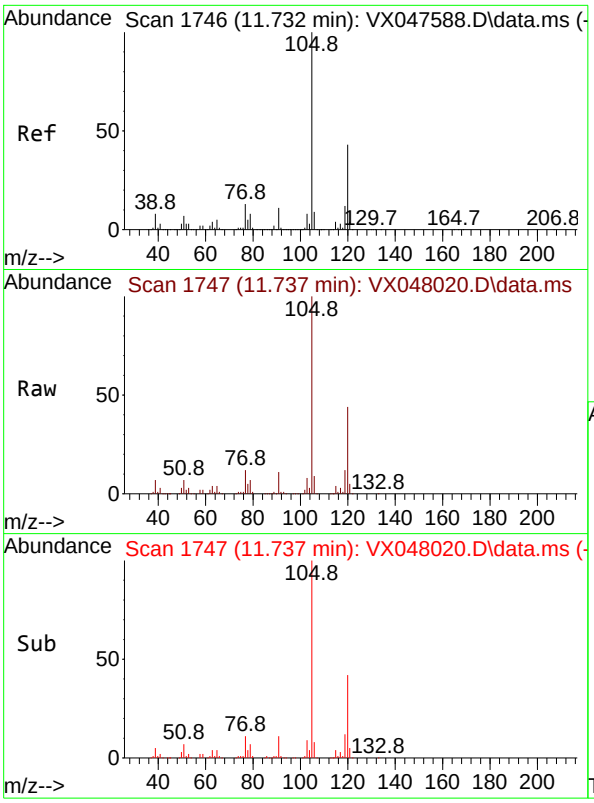


#80
1,3,5-Trimethylbenzene
Concen: 12.013 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 120013

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

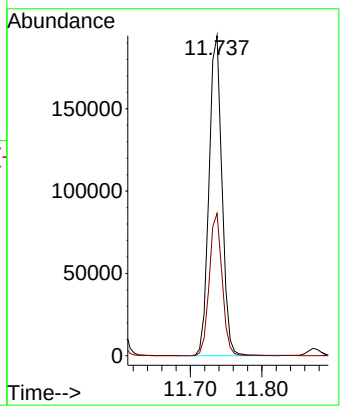




#84
1,2,4-Trimethylbenzene
Concen: 24.109 ug/l
RT: 11.737 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 24419

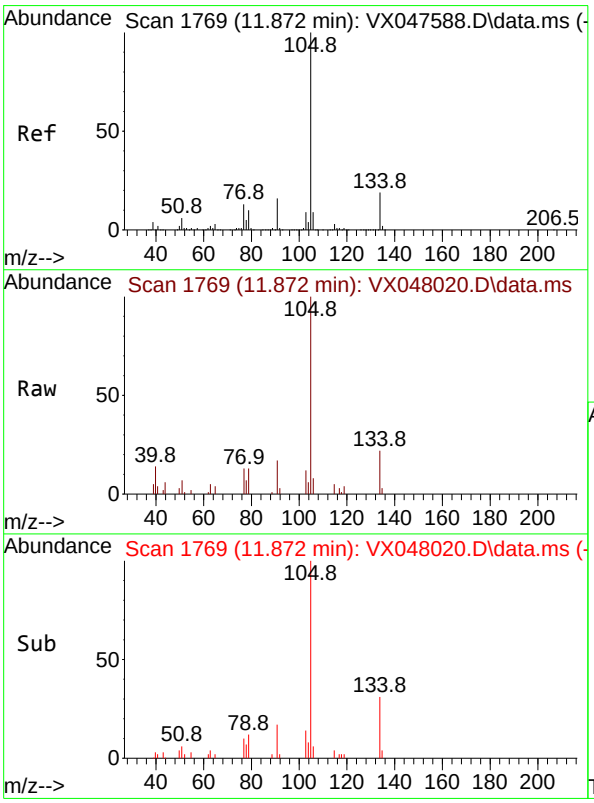
Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

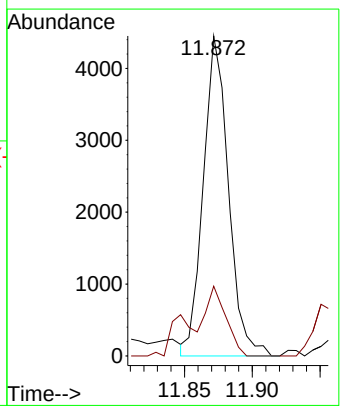
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

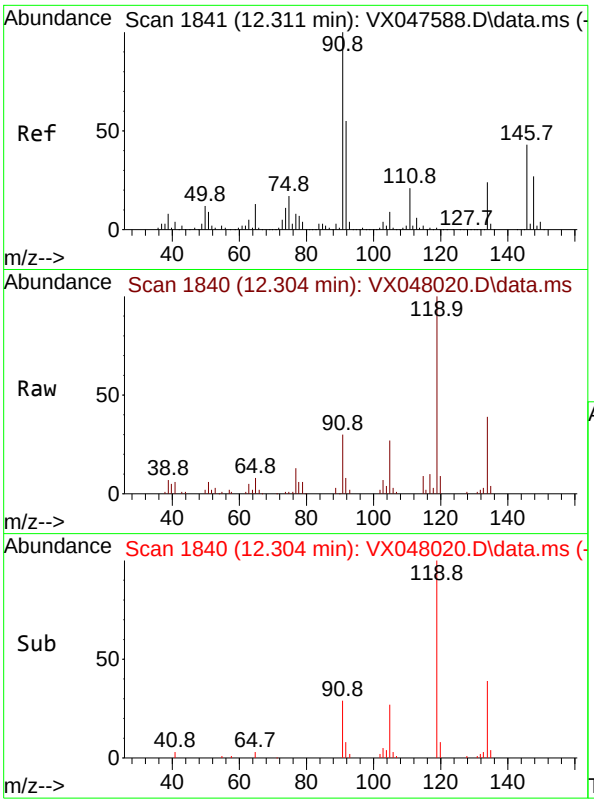


#85
sec-Butylbenzene
Concen: 0.473 ug/l m
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:105 Resp: 5740

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.5#

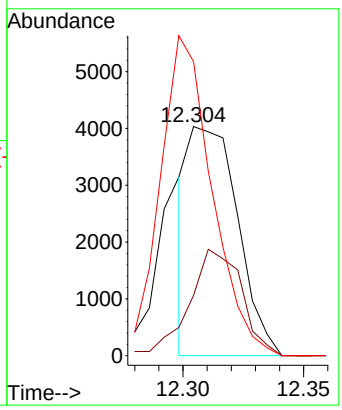




#89
n-Butylbenzene
Concen: 0.600 ug/l m
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion: 91 Resp: 571

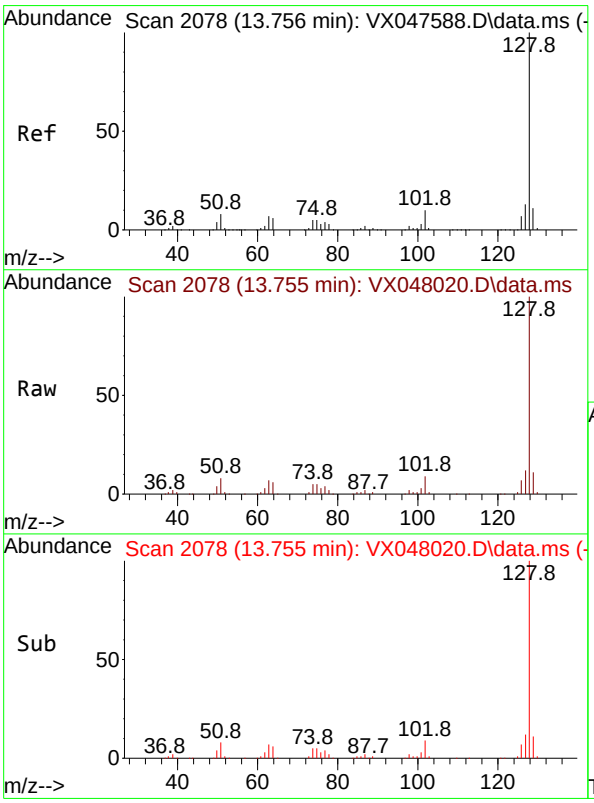
Ion	Ratio	Lower	Upper
91	100		
92	49.6	27.6	82.7
134	147.0	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
MW3

Manual Integrations
APPROVED

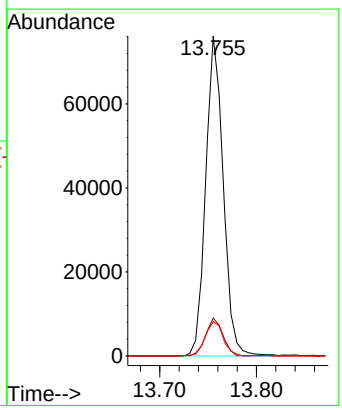
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#95
Naphthalene
Concen: 9.168 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048020.D
Acq: 06 Oct 2025 13:46

Tgt Ion:128 Resp: 96158

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	11.0	8.8	13.2



Raw Data: **VV039249.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039249.D	1	10/03/25 15:04	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039249.D	1	10/03/25 15:04	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.1		70 (74) - 130 (125)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	56.9		70 (75) - 130 (124)	114%	SPK: 50
2037-26-5	Toluene-d8	45.0		70 (86) - 130 (113)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	350000	4.603			
540-36-3	1,4-Difluorobenzene	589000	5.535			
3114-55-4	Chlorobenzene-d5	608000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	300000	11.175			

Raw Data: **VV039249.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039249.D	1	10/03/25 15:04	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039249.D
Acq On : 03 Oct 2025 15:04
Operator : SY/MD
Sample : Q3201-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Quant Time: Oct 04 01:11:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	349814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	588713	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	608055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	300076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	283815	56.058	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 112.120%			
35) Dibromofluoromethane	4.503	113	269374	56.917	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 113.840%			
50) Toluene-d8	7.236	98	625684	45.013	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.020%			
62) 4-Bromofluorobenzene	10.001	95	253724	44.339	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.680%			

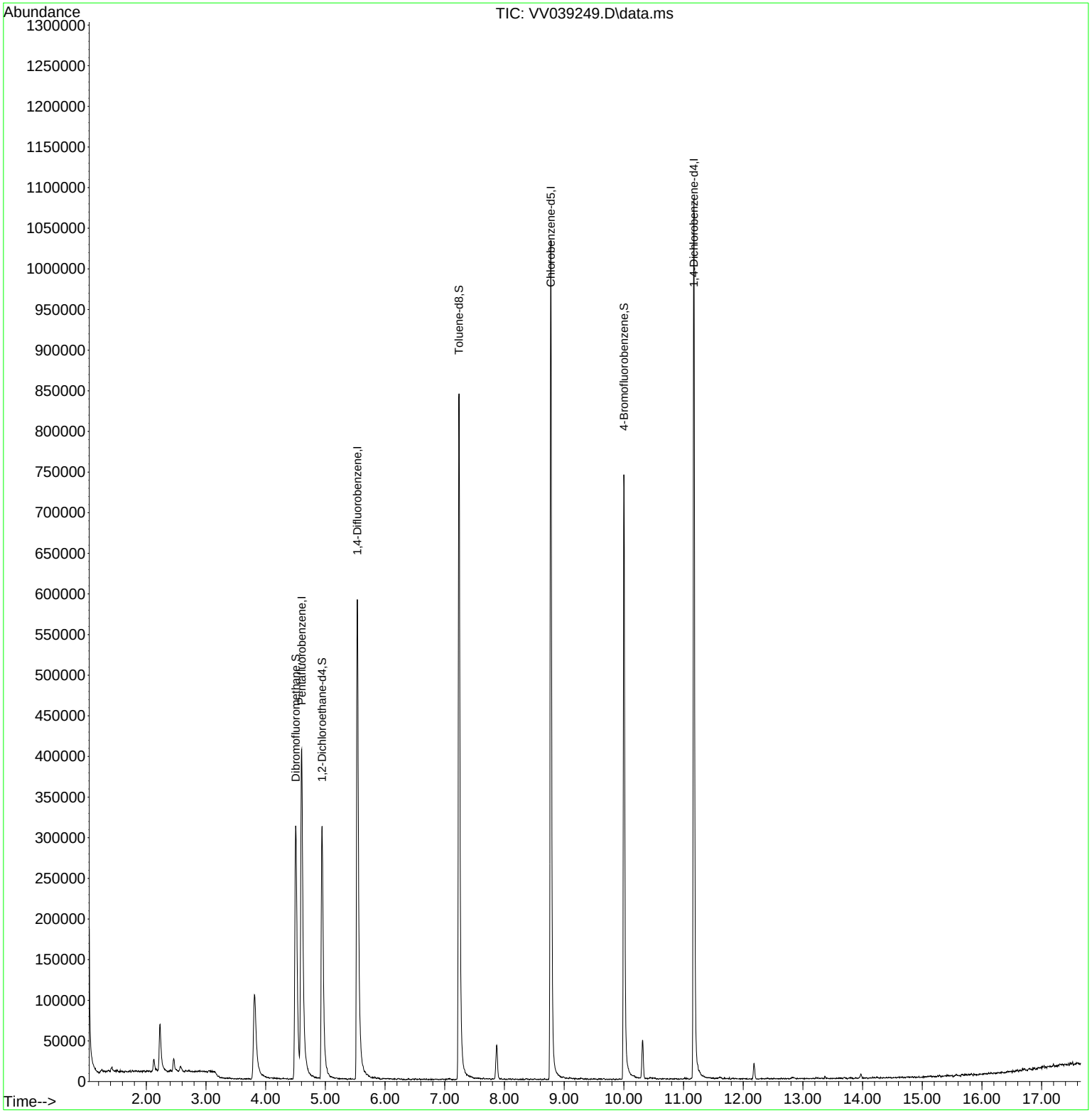
Target Compounds Qvalue

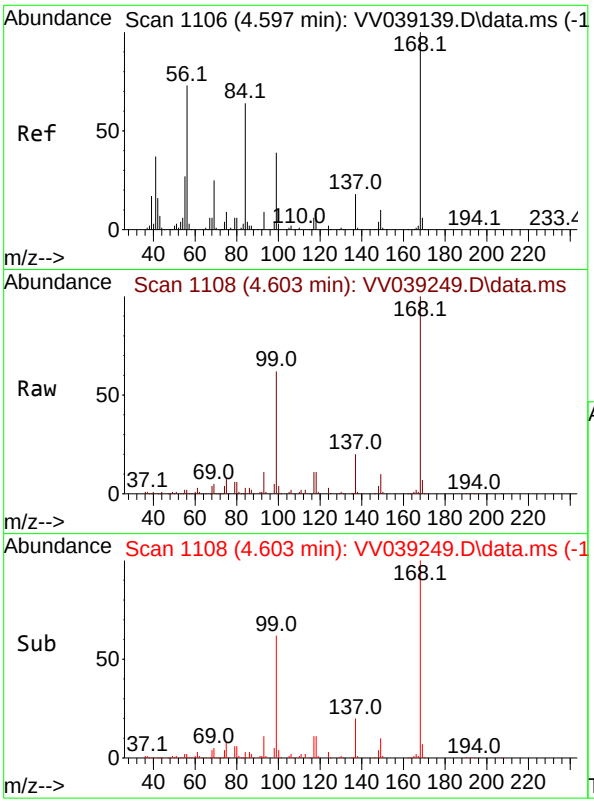
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039249.D
Acq On : 03 Oct 2025 15:04
Operator : SY/MD
Sample : Q3201-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Quant Time: Oct 04 01:11:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



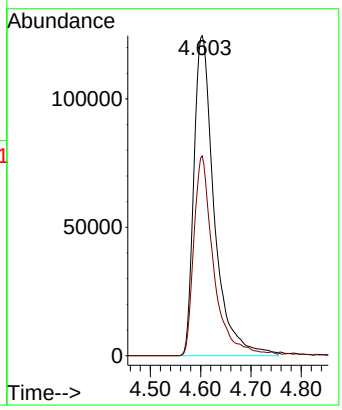


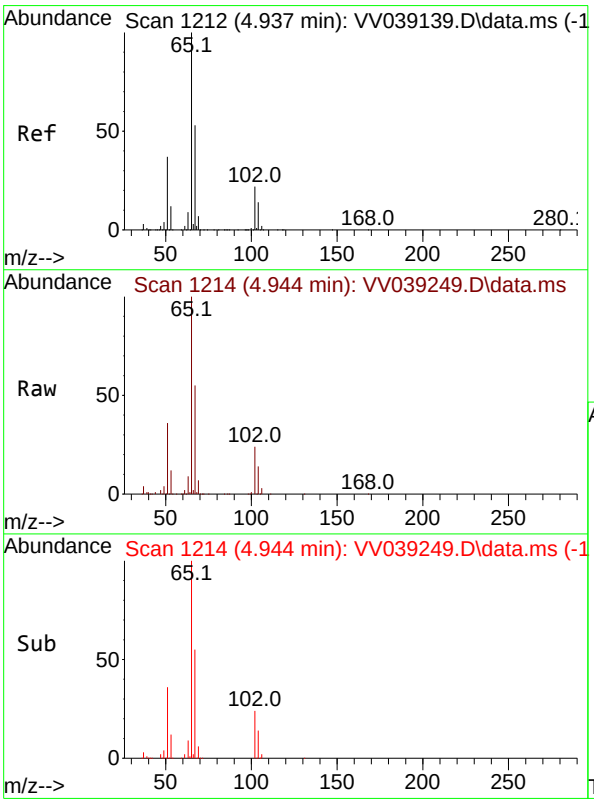
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion:168 Resp: 349814

Ion	Ratio	Lower	Upper
168	100		
99	62.5	49.6	74.4

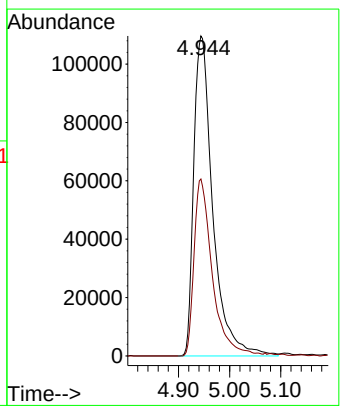


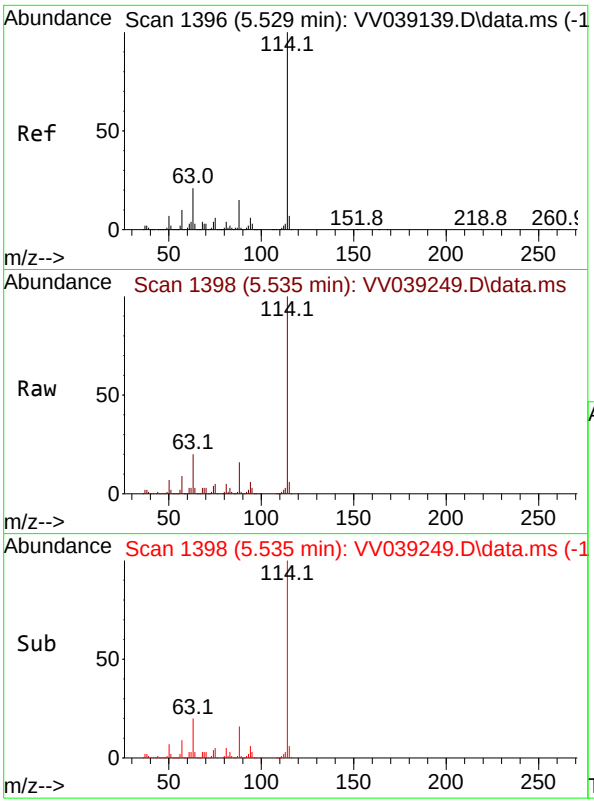


#33
1,2-Dichloroethane-d4
Concen: 56.058 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion: 65 Resp: 283815

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0



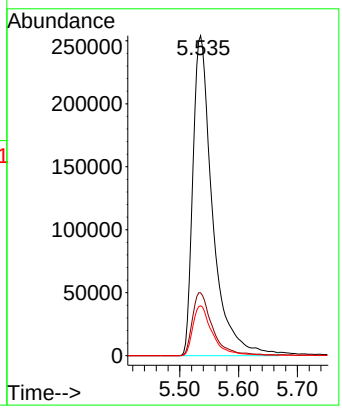


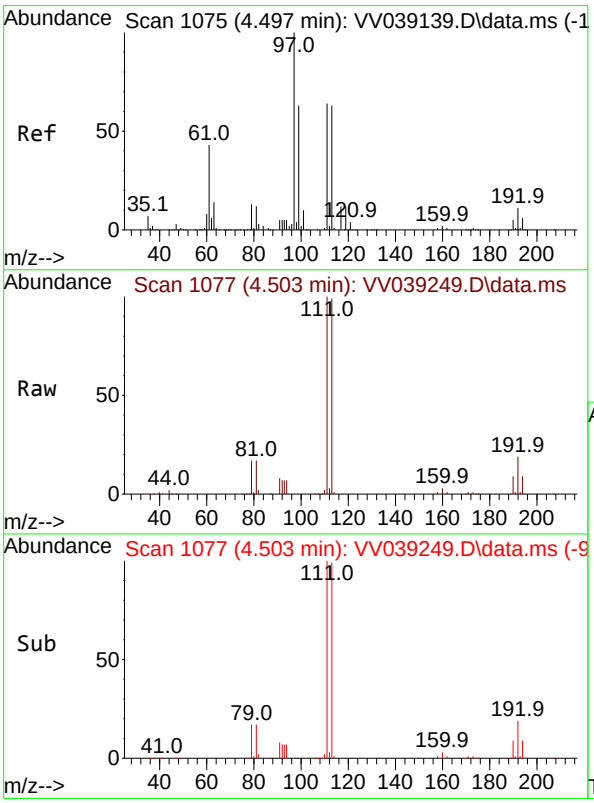
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion:114 Resp: 588713

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	15.6	0.0	30.8

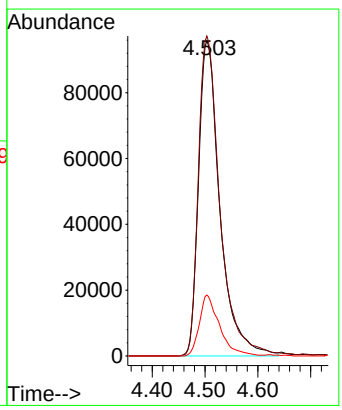


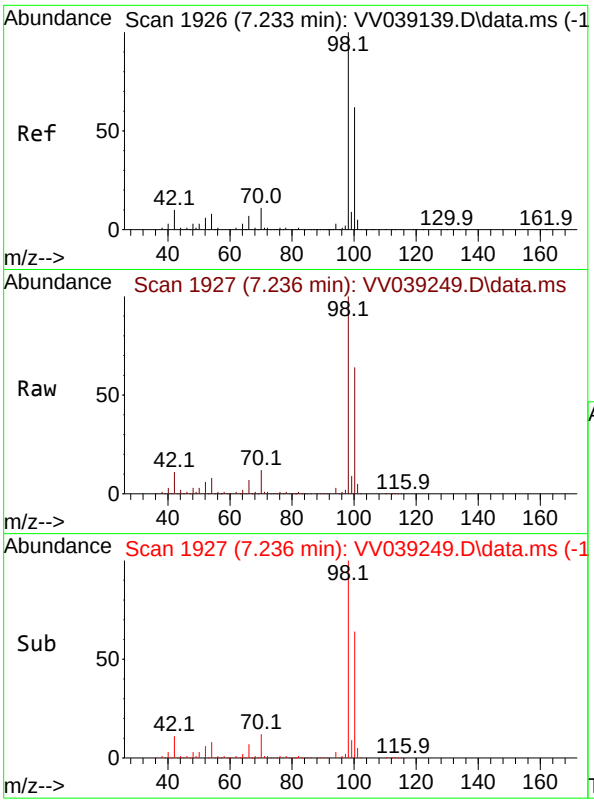


#35
Dibromofluoromethane
Concen: 56.917 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion:113 Resp: 269374

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	18.2	13.8	20.8



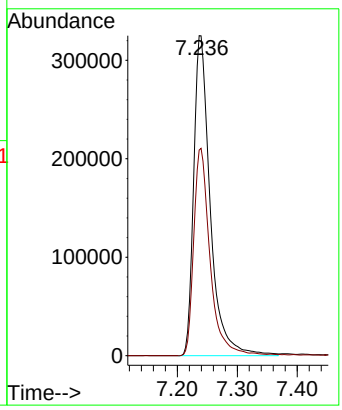


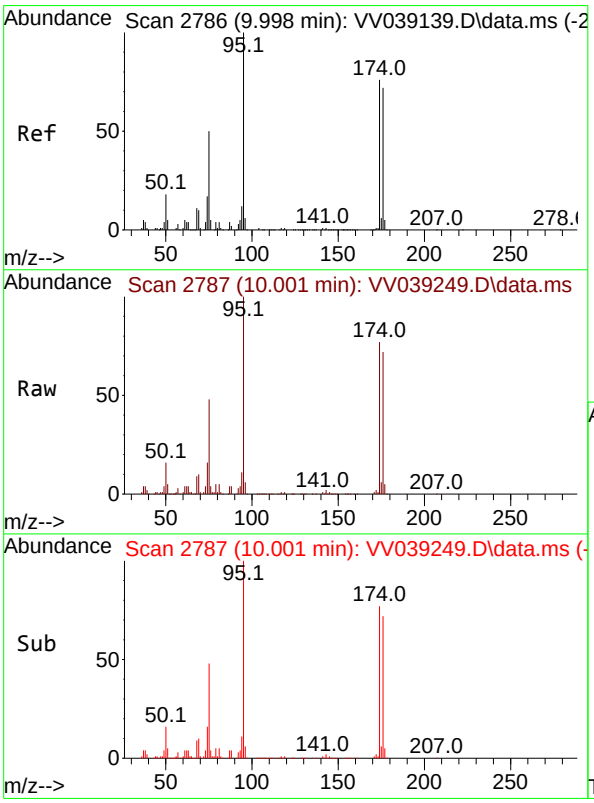
#50
Toluene-d8
Concen: 45.013 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion: 98 Resp: 625684

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2

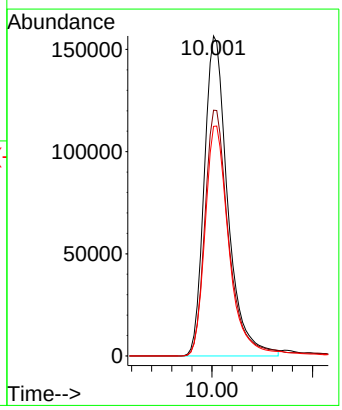


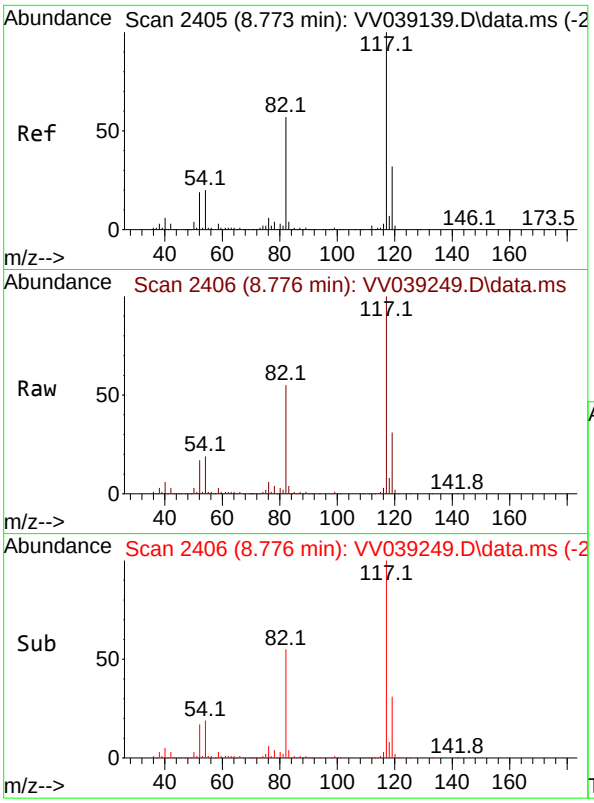


#62
4-Bromofluorobenzene
Concen: 44.339 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion: 95 Resp: 253724

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	150.4
176	74.1	0.0	144.2



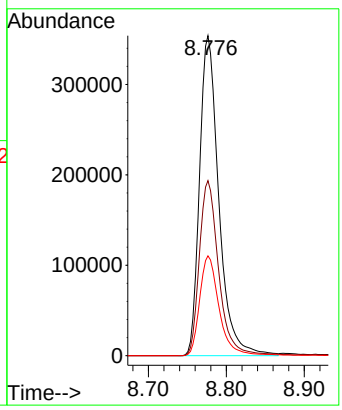


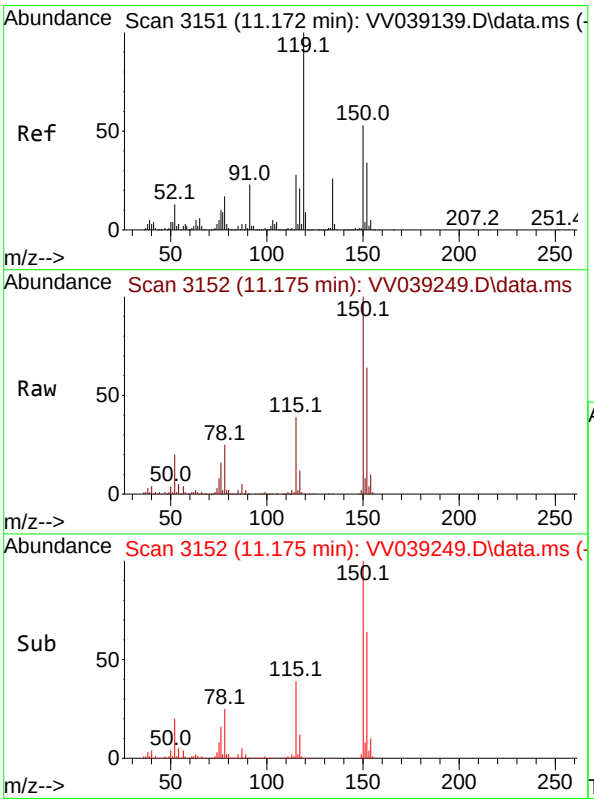
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Instrument :
MSVOA_V
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 608055

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.4	68.2
119	31.2	25.6	38.4

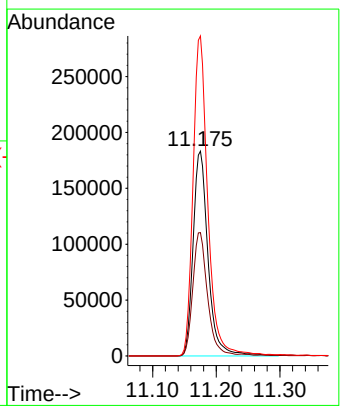




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039249.D
Acq: 03 Oct 2025 15:04

Tgt Ion:152 Resp: 300076

Ion	Ratio	Lower	Upper
152	100		
115	59.0	44.8	134.4
150	154.0	0.0	353.8



Raw Data: **VV039250.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039250.D	1	10/03/25 15:27	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VV039250.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039250.D	1	10/03/25 15:27	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	59.0		70 (75) - 130 (124)	118%	SPK: 50
2037-26-5	Toluene-d8	44.3		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	323000	4.603			
540-36-3	1,4-Difluorobenzene	536000	5.535			
3114-55-4	Chlorobenzene-d5	545000	8.777			
3855-82-1	1,4-Dichlorobenzene-d4	265000	11.175			

Raw Data: **VV039250.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	09/24/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	09/25/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3201
Lab Sample ID:	Q3201-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039250.D	1	10/03/25 15:27	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039250.D
Acq On : 03 Oct 2025 15:27
Operator : SY/MD
Sample : Q3201-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Quant Time: Oct 04 01:12:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

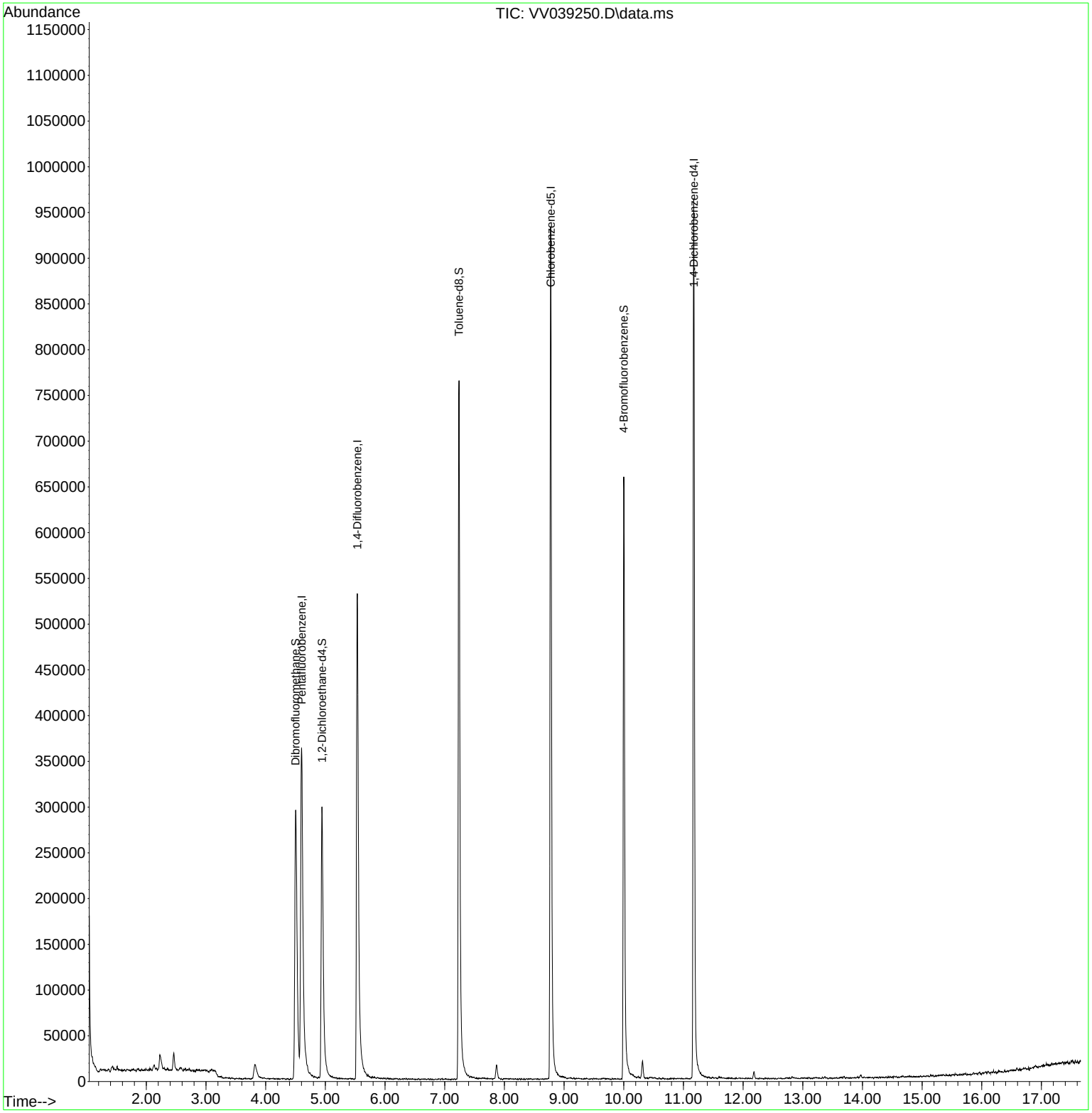
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	323029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	535676	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	545144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	264732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	259998	55.612	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.220%			
35) Dibromofluoromethane	4.503	113	254125	59.011	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 118.020%			
50) Toluene-d8	7.240	98	559880	44.266	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.540%#			
62) 4-Bromofluorobenzene	10.002	95	232498	44.653	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 89.300%			
Target Compounds						Qvalue

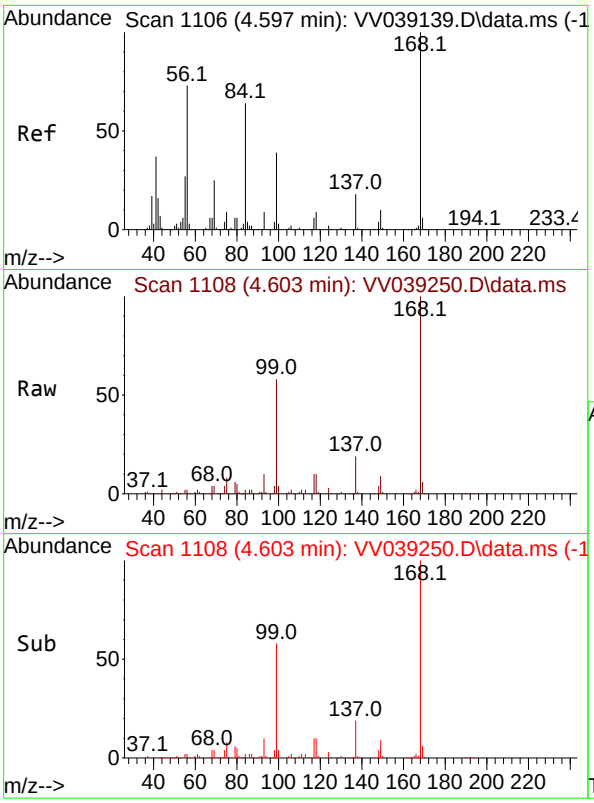
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039250.D
Acq On : 03 Oct 2025 15:27
Operator : SY/MD
Sample : Q3201-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Quant Time: Oct 04 01:12:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



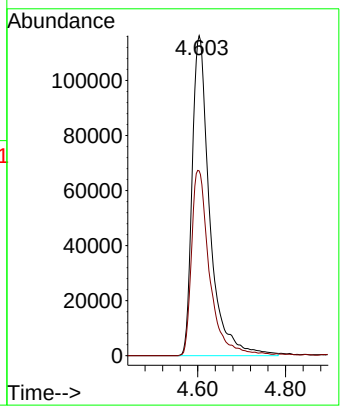


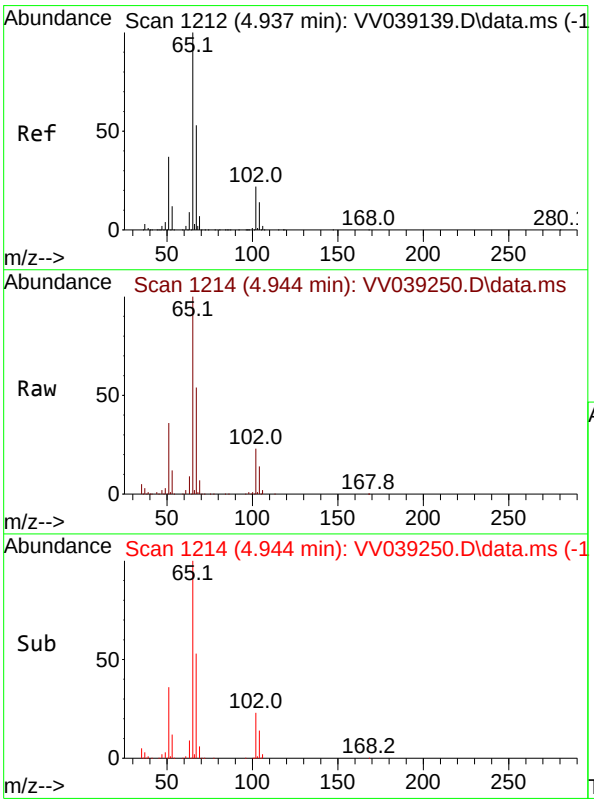
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 323029

Ion	Ratio	Lower	Upper
168	100		
99	57.7	49.6	74.4

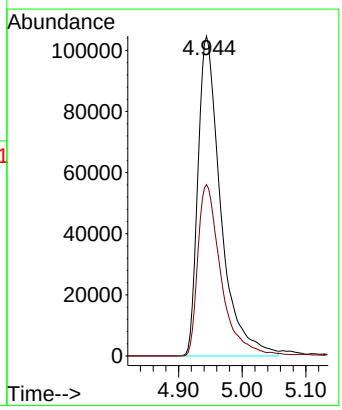


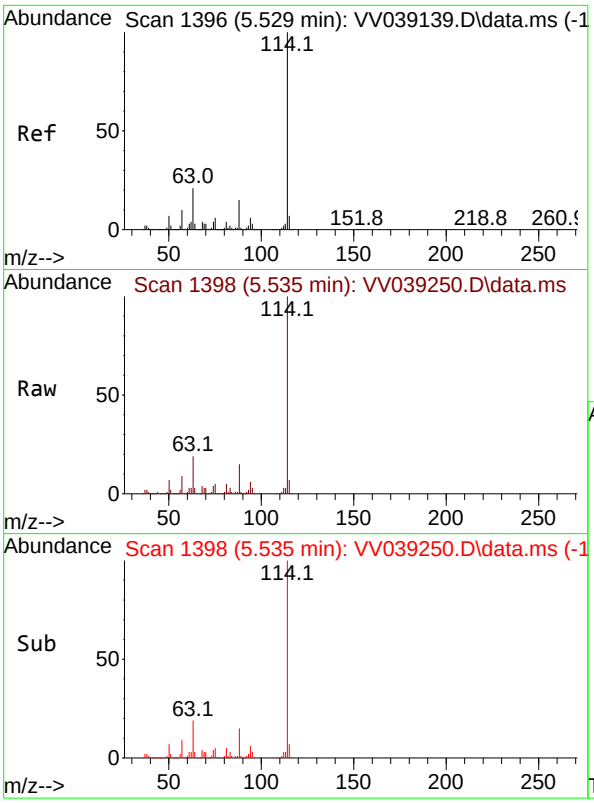


#33
1,2-Dichloroethane-d4
Concen: 55.612 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion: 65 Resp: 259998

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.0



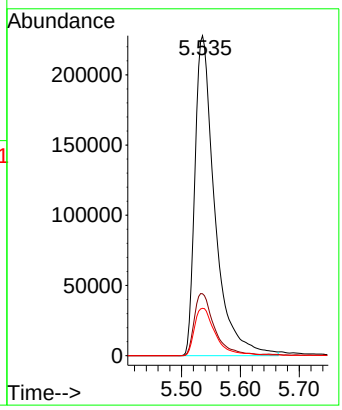


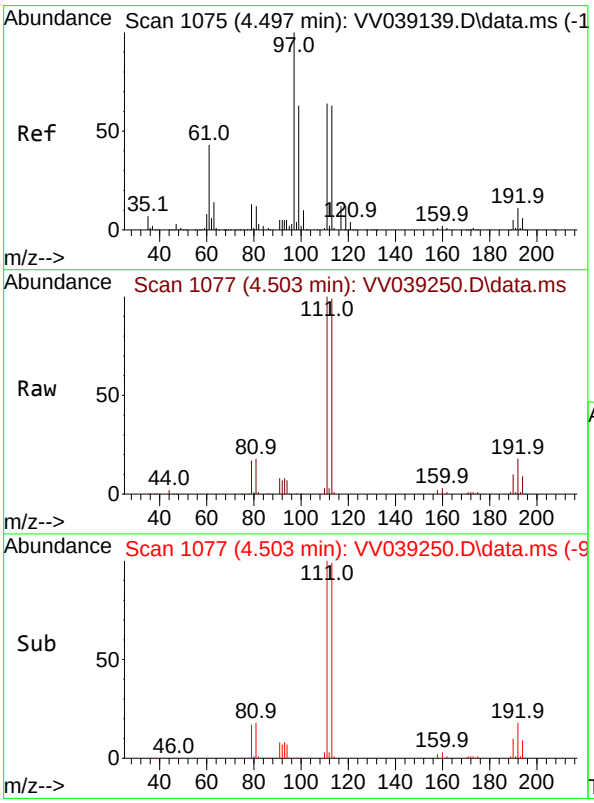
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion:114 Resp: 535676

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	14.8	0.0	30.8

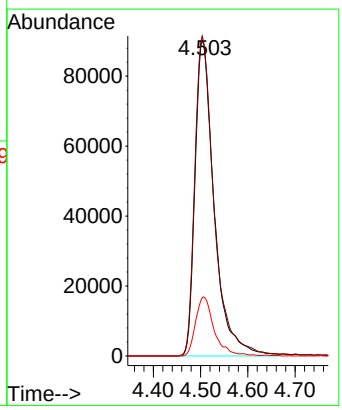


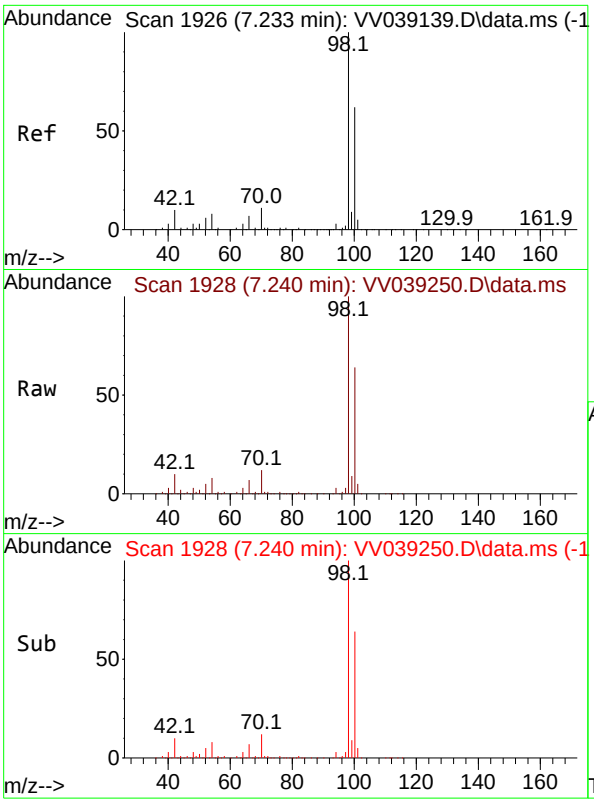


#35
Dibromofluoromethane
Concen: 59.011 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion:113 Resp: 254125

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	17.8	13.8	20.8



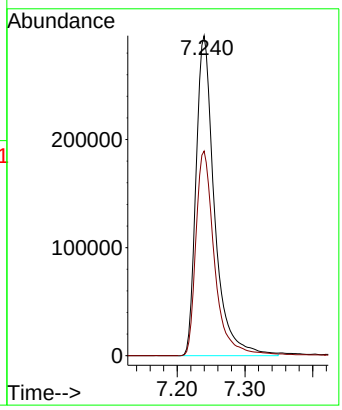


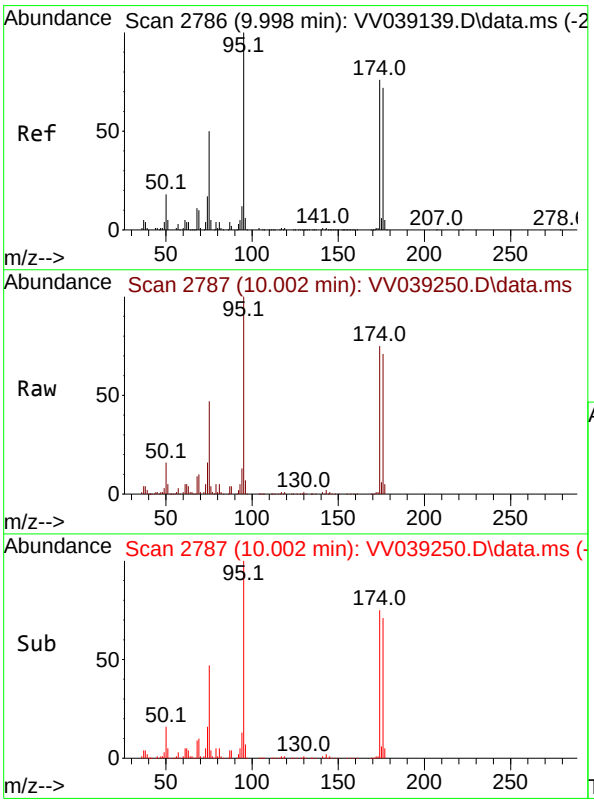
#50
Toluene-d8
Concen: 44.266 ug/l
RT: 7.240 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion: 98 Resp: 559880

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

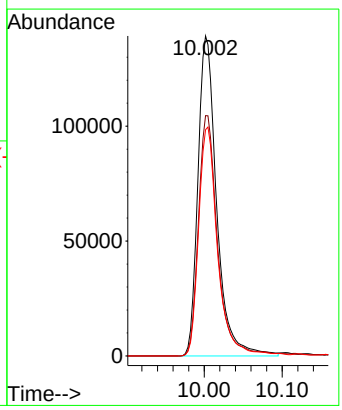


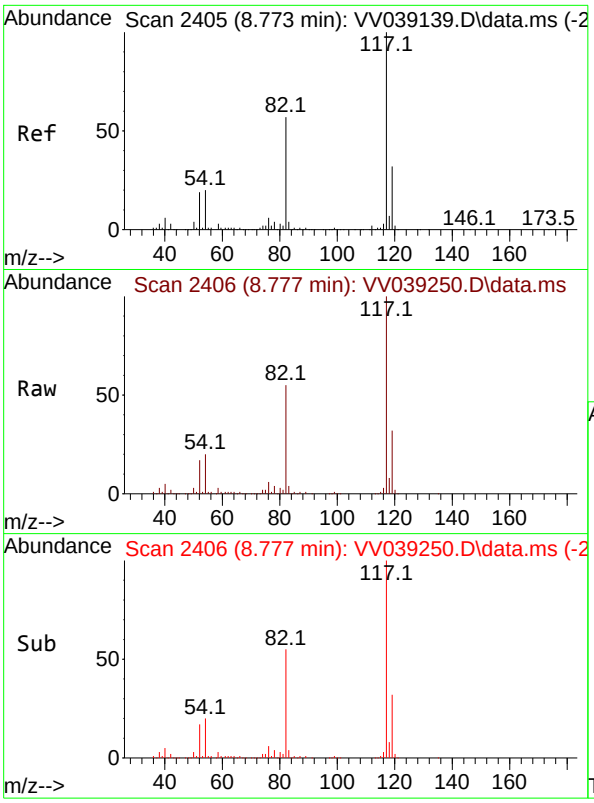


#62
4-Bromofluorobenzene
Concen: 44.653 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion: 95 Resp: 232498

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	150.4
176	72.9	0.0	144.2



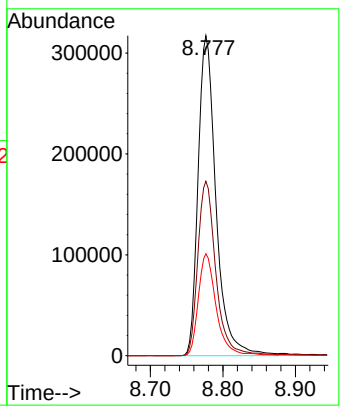


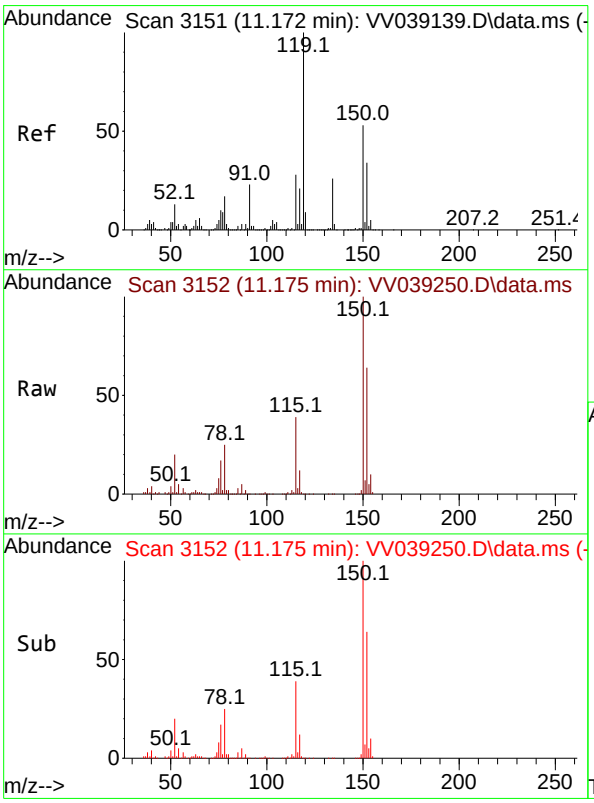
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 24
Delta R.T. 0.004 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Instrument :
MSVOA_V
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 545144

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.2
119	31.9	25.6	38.4

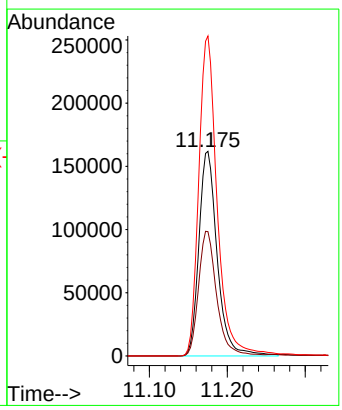




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039250.D
Acq: 03 Oct 2025 15:27

Tgt Ion:152 Resp: 264732

Ion	Ratio	Lower	Upper
152	100		
115	60.3	44.8	134.4
150	158.4	0.0	353.8



CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q3201

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

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

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

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

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.848	0.757	0.740	0.699	0.772	0.934	0.792	10.8
Chloromethane	0.949	0.814	0.770	0.729	0.889	0.946	0.850	10.9
Vinyl Chloride	1.007	0.856	0.836	0.801	0.932	1.026	0.910	10.3
Bromomethane	0.631	0.548	0.508	0.524	0.655		0.573	11.5
Chloroethane	0.662	0.568	0.533	0.500	0.606	0.915	0.631	23.8
Trichlorofluoromethane	1.394	1.253	1.193	1.151	1.365	1.546	1.317	11.2
1,1,2-Trichlorotrifluoroethane	0.839	0.732	0.702	0.686	0.804	0.939	0.784	12.3
Tert butyl alcohol	0.169	0.157	0.137	0.136	0.166		0.153	10.3
1,1-Dichloroethene	0.804	0.721	0.674	0.663	0.789	0.873	0.754	10.9
Acetone	0.537	0.458	0.449	0.414	0.569	0.712	0.523	20.8
Carbon Disulfide	2.453	2.181	2.081	1.986	2.462	2.670	2.306	11.4
Methyl tert-butyl Ether	2.547	2.285	2.233	2.202	2.556	2.591	2.402	7.5
Methyl Acetate	1.146	1.036	0.983	0.973	1.097	1.198	1.072	8.5
Methylene Chloride	0.930	0.848	0.779	0.742	1.113	1.987	1.066	44
trans-1,2-Dichloroethene	0.846	0.755	0.724	0.696	0.835	0.959	0.803	12.1
1,1-Dichloroethane	1.669	1.466	1.388	1.329	1.659	1.942	1.576	14.4
Cyclohexane	1.325	1.222	1.245	1.254	1.407		1.291	5.9
2-Butanone	0.604	0.584	0.586	0.580	0.570	0.554	0.579	2.9
Carbon Tetrachloride	0.742	0.710	0.703	0.675	0.736	0.890	0.743	10.2
cis-1,2-Dichloroethene	0.908	0.842	0.868	0.860	0.832	1.001	0.885	7.1
Bromochloromethane	0.836	0.753	0.679	0.637	0.525	0.743	0.696	15.5
Chloroform	1.752	1.570	1.490	1.433	1.746	1.880	1.645	10.6
1,1,1-Trichloroethane	1.562	1.321	1.298	1.263	1.513	1.590	1.424	10.3
Methylcyclohexane	0.701	0.720	0.823	0.857	0.680	0.622	0.734	12.2
Benzene	2.077	1.978	1.990	1.931	1.963	1.936	1.979	2.7
1,2-Dichloroethane	0.725	0.694	0.666	0.643	0.693	0.740	0.693	5.2
Trichloroethene	0.471	0.456	0.463	0.454	0.460	0.435	0.457	2.6
1,2-Dichloropropane	0.509	0.519	0.502	0.486	0.471	0.465	0.492	4.4
Bromodichloromethane	0.832	0.764	0.753	0.725	0.767	0.829	0.778	5.5
4-Methyl-2-Pentanone	0.715	0.736	0.732	0.714	0.613	0.459	0.661	16.5

* 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.

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q3201

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

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

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

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

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Toluene	1.211	1.199	1.229	1.214	1.130	0.901	1.147	10.9
t-1,3-Dichloropropene	0.701	0.696	0.728	0.753	0.645	0.548	0.678	10.8
cis-1,3-Dichloropropene	0.803	0.777	0.811	0.803	0.704	0.595	0.749	11.4
1,1,2-Trichloroethane	0.534	0.502	0.494	0.480	0.524	0.553	0.514	5.3
2-Hexanone	0.505	0.534	0.546	0.533	0.429	0.231	0.463	26.2
Dibromochloromethane	0.605	0.570	0.567	0.558	0.598	0.620	0.586	4.2
1,2-Dibromoethane	0.556	0.538	0.529	0.514	0.535	0.484	0.526	4.7
Tetrachloroethene	0.435	0.412	0.412	0.407	0.431	0.415	0.419	2.7
Chlorobenzene	1.403	1.368	1.383	1.358	1.417	1.428	1.393	2
Ethyl Benzene	2.028	2.143	2.382	2.418	1.953	1.725	2.108	12.5
m/p-Xylenes	0.820	0.882	0.949	0.938	0.713	0.580	0.814	17.7
o-Xylene	0.703	0.742	0.846	0.880	0.635	0.518	0.720	18.7
Styrene	1.239	1.381	1.553	1.537	1.038	0.828	1.263	22.8
Bromoform	0.396	0.384	0.396	0.400	0.385	0.397	0.393	1.7
Isopropylbenzene	3.564	3.638	3.939	4.096	3.296	3.226	3.627	9.5
1,1,2,2-Tetrachloroethane	1.600	1.461	1.425	1.389	1.684	1.975	1.589	13.8
1,3-Dichlorobenzene	1.931	1.836	1.857	1.882	1.943	1.975	1.904	2.8
1,4-Dichlorobenzene	2.070	1.951	1.934	1.919	2.139	2.522	2.089	11
1,2-Dichlorobenzene	1.751	1.652	1.738	1.802	1.797	1.935	1.779	5.3
1,2-Dibromo-3-Chloropropane	0.299	0.283	0.285	0.302	0.333	0.476	0.330	22.4
1,2,4-Trichlorobenzene	0.928	0.963	1.076	1.189	0.935	1.028	1.020	9.9
1,2,3-Trichlorobenzene	0.974	0.973	1.107	1.191	0.901	1.113	1.043	10.6
1,2-Dichloroethane-d4	0.773	0.663	0.646	0.618	0.919		0.724	17.1
Dibromofluoromethane	0.435	0.382	0.377	0.360	0.454		0.402	10.1
Toluene-d8	1.166	1.092	1.136	1.097	1.411		1.181	11.2
4-Bromofluorobenzene	0.481	0.464	0.507	0.501	0.477		0.486	3.6

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

Response Factor Report MSVOA_V

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

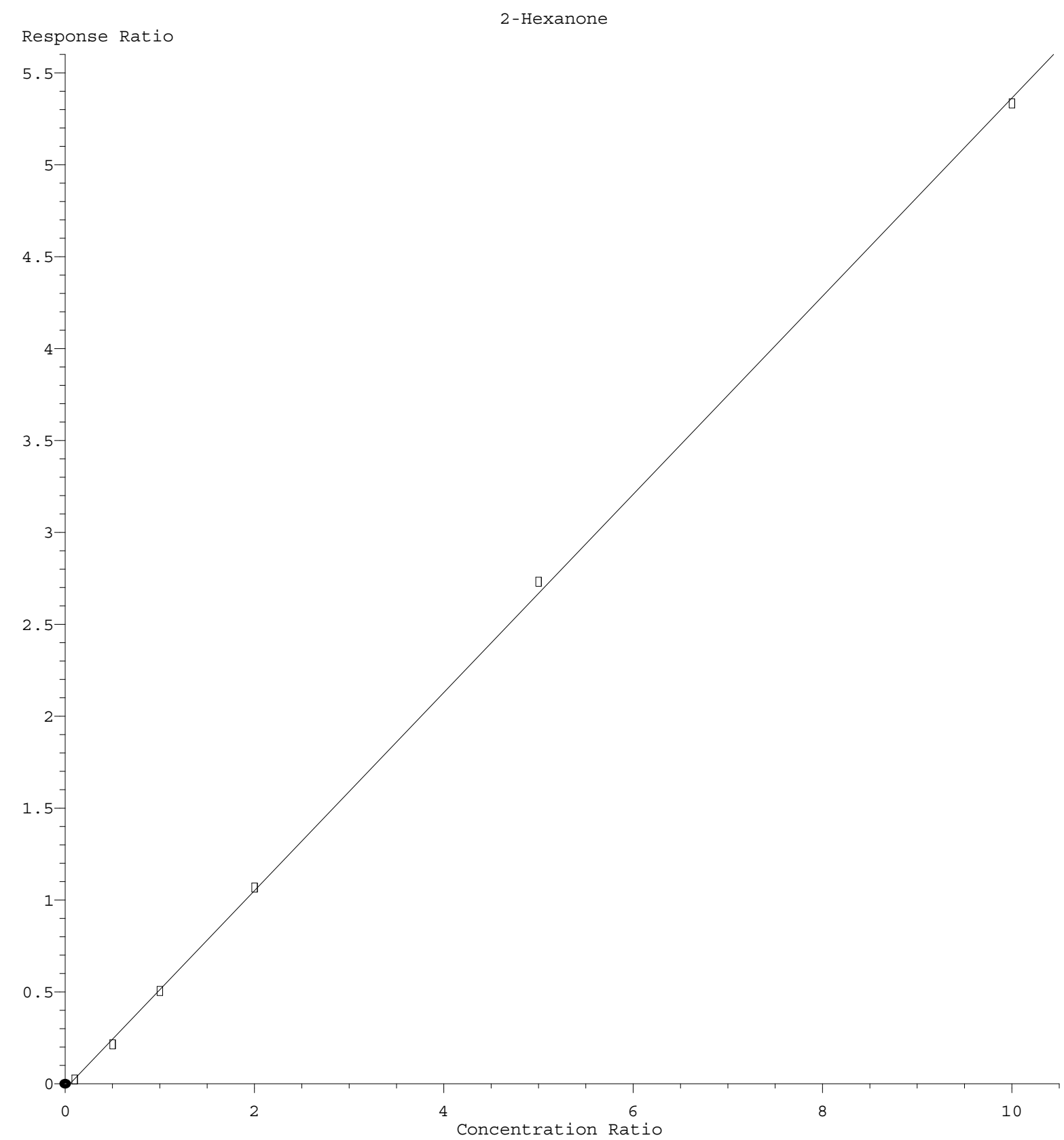
Calibration Files
1 =VV039143.D 5 =VV039142.D 10 =VV039137.D 20 =VV039138.D 50 =VV039139.D 100 =VV039140.D

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

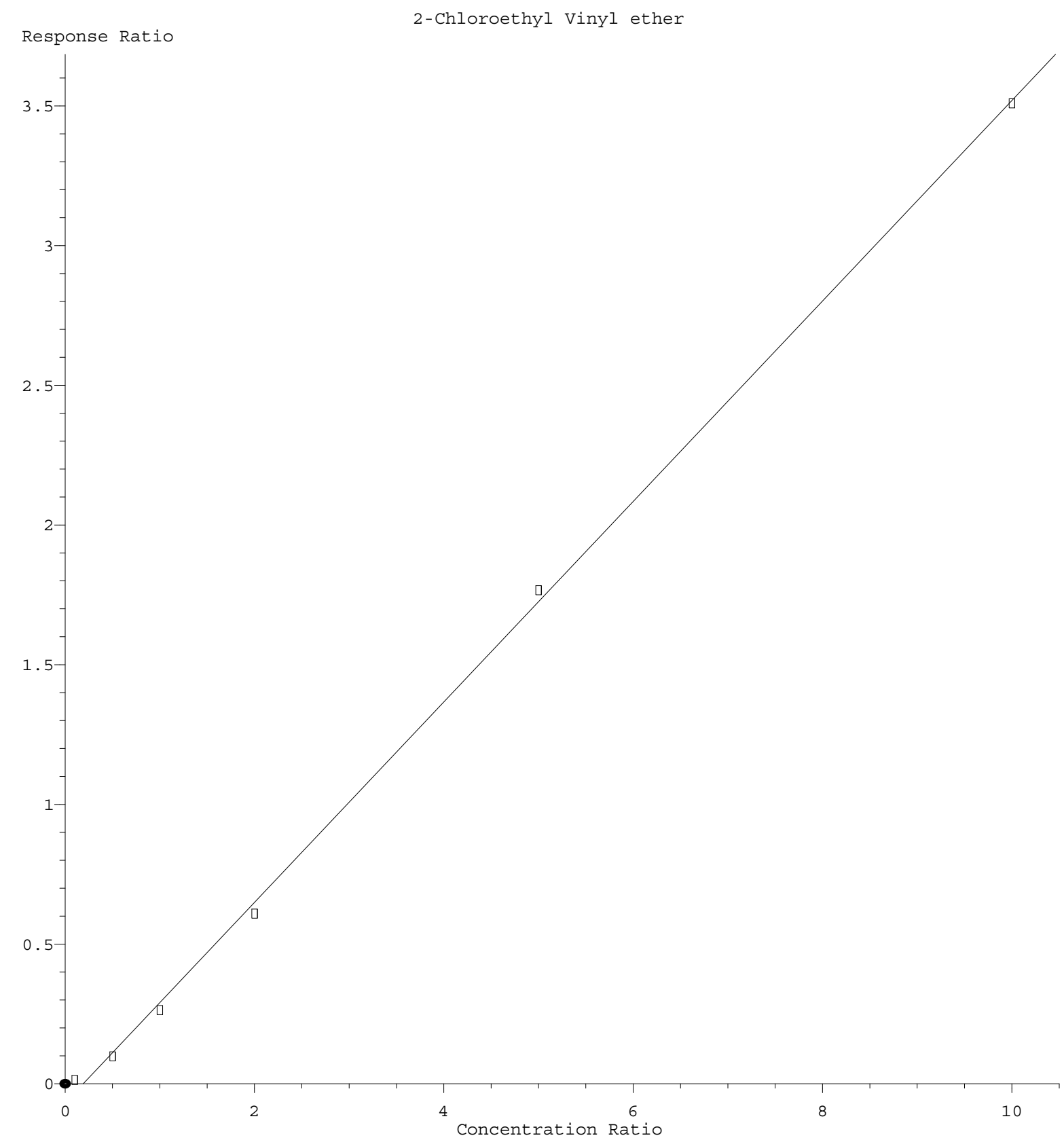
Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : 82V092225W.M

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

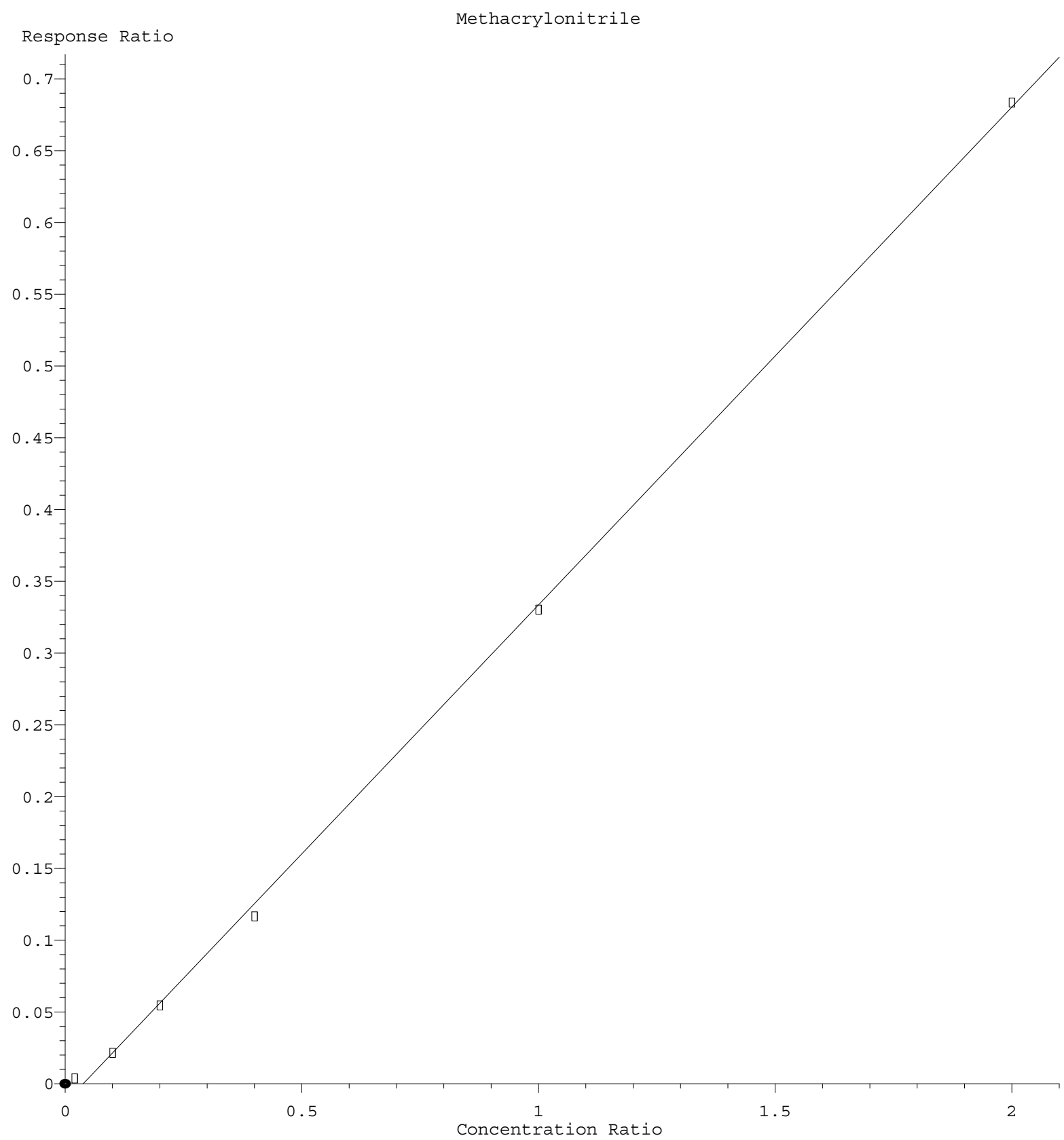
(#) = Out of Range



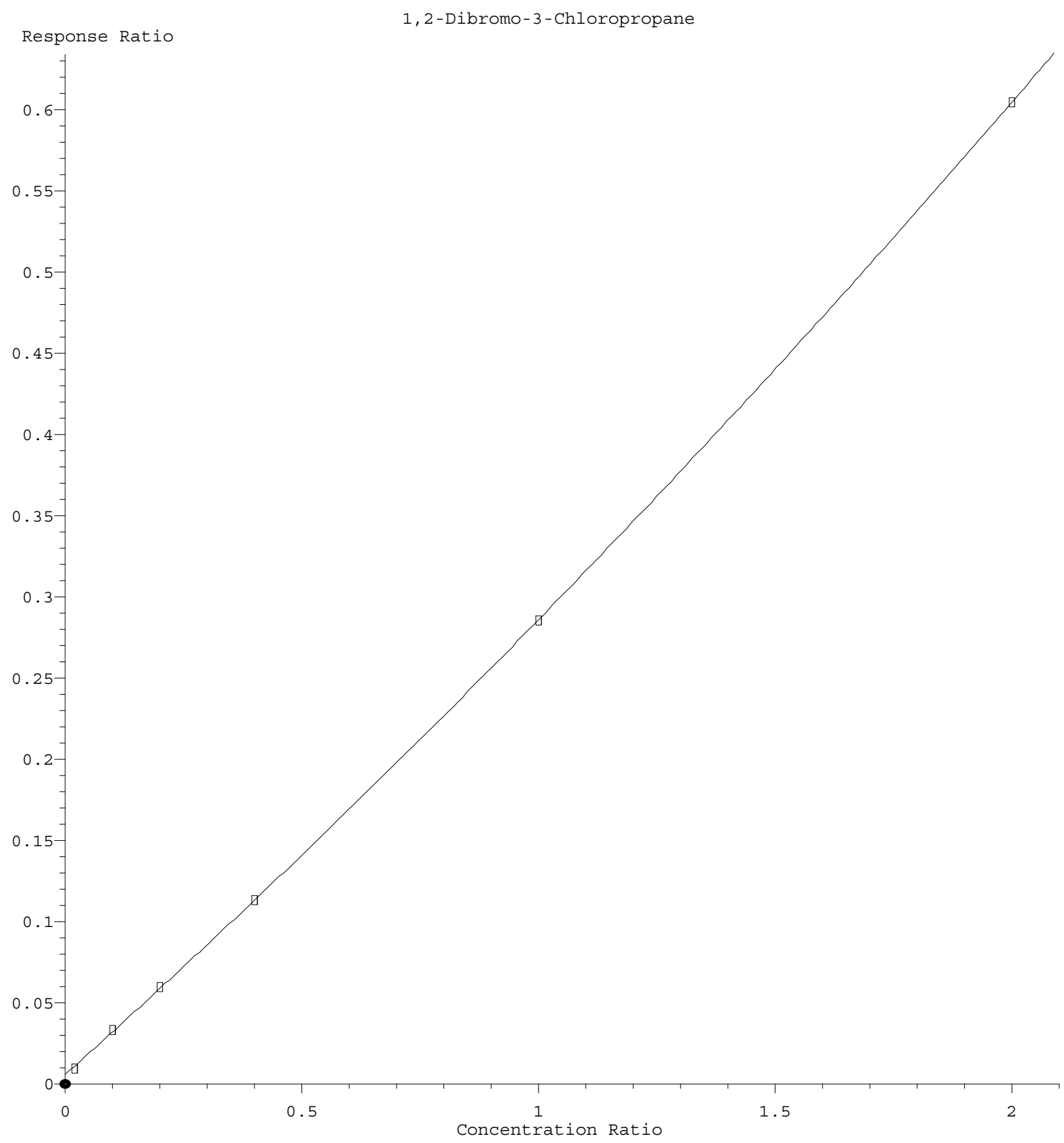
Response = 5.390e-001 * Amt - 2.507e-002
Coef of Det (r^2) = 0.999719 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



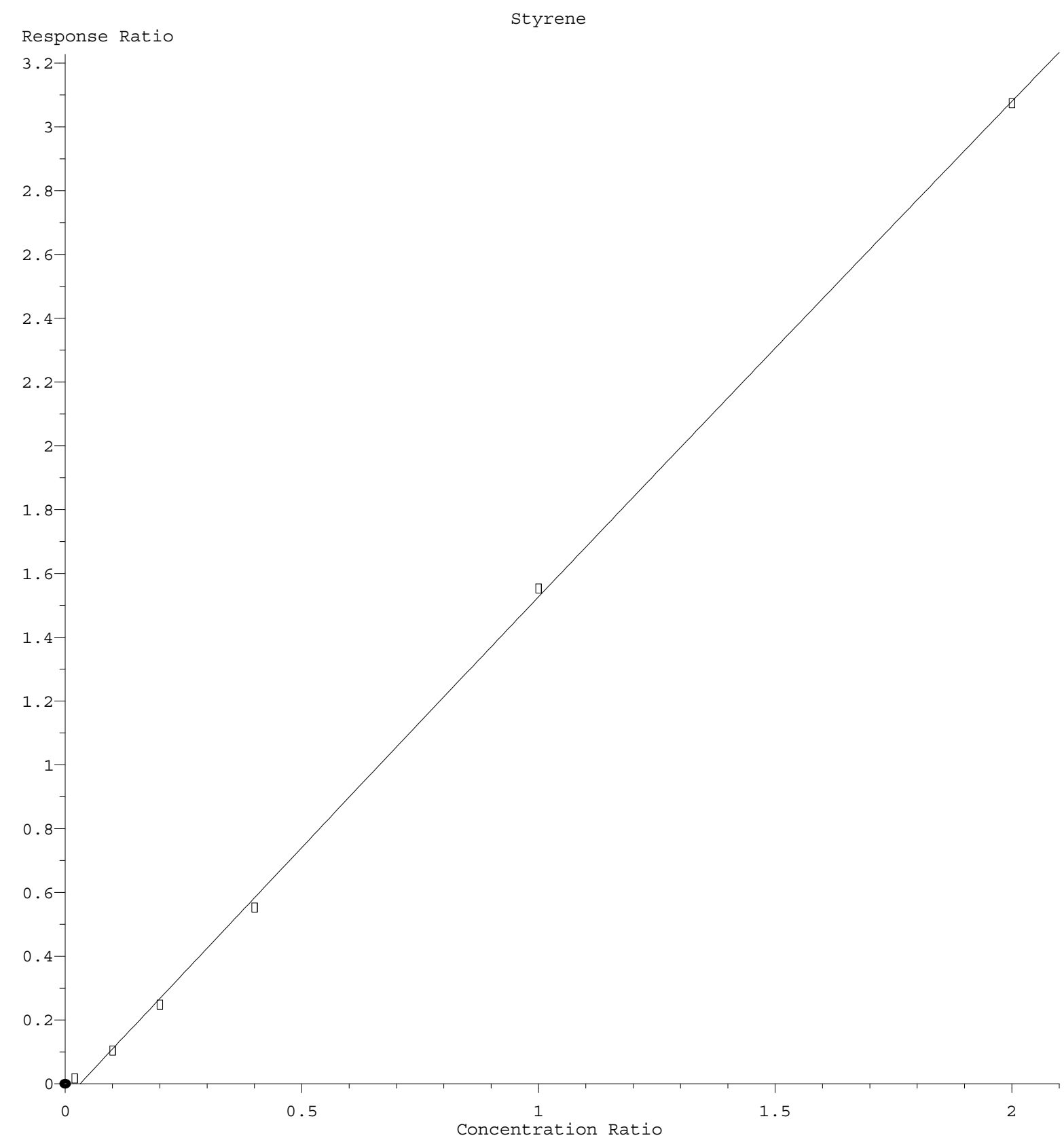
Response = 3.588e-001 * Amt - 6.905e-002
Coef of Det (r^2) = 0.999314 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



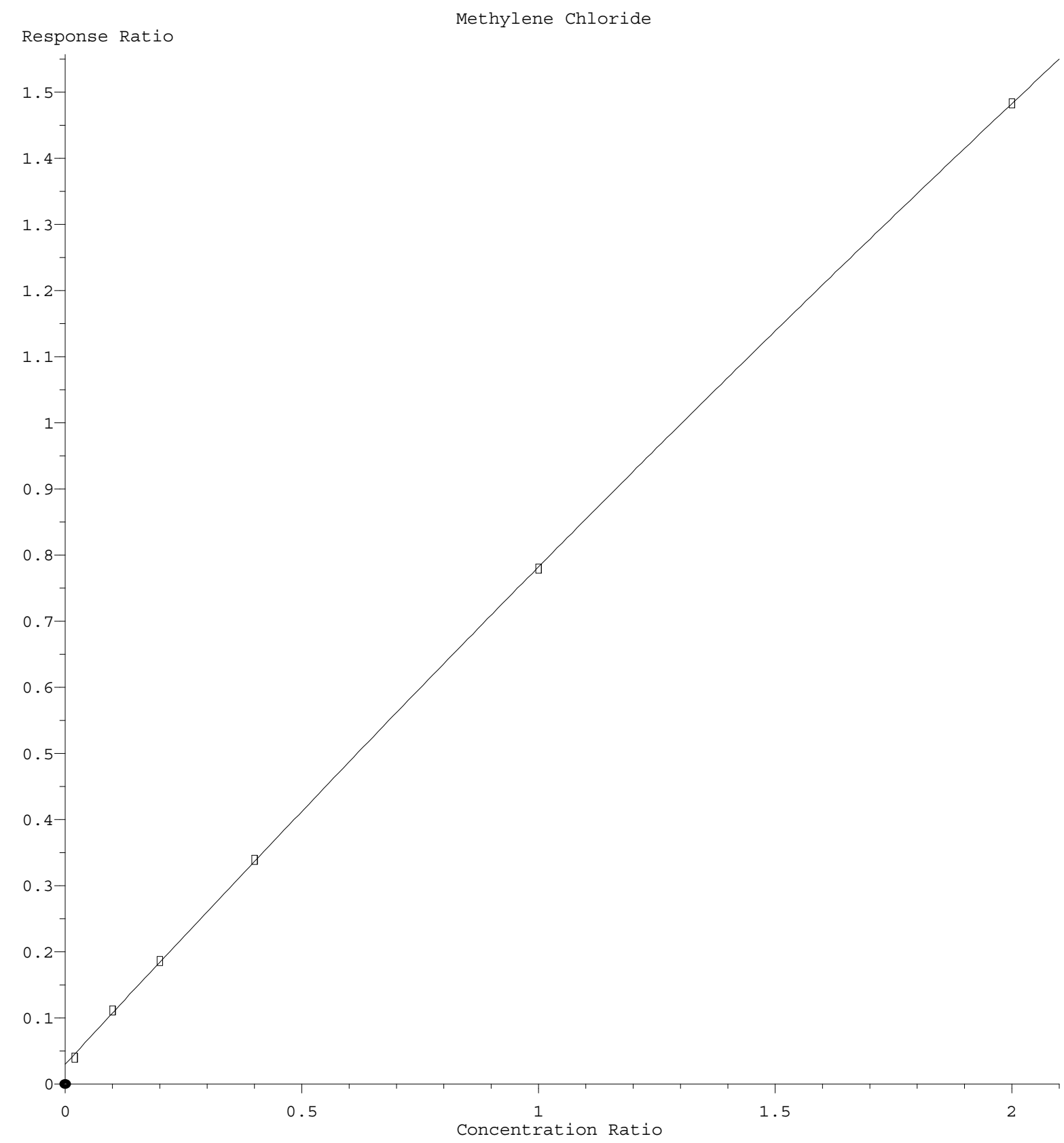
Response = 3.467e-001 * Amt - 1.325e-002
Coef of Det (r^2) = 0.999425 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



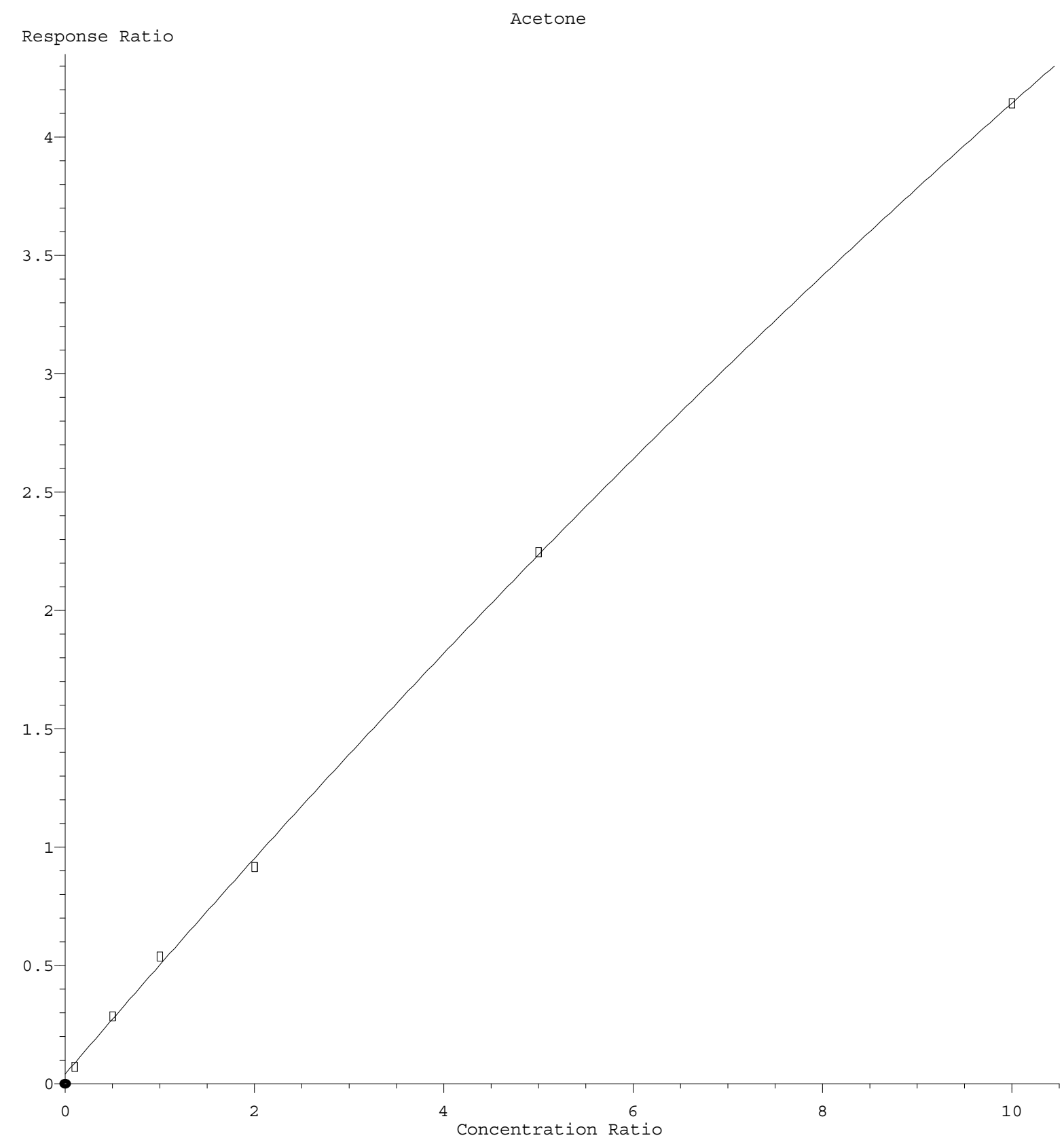
R = 1.931e-002 A*A + 2.606e-001 A + 5.917e-003
Coef of Det (r^2) = 0.999981 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



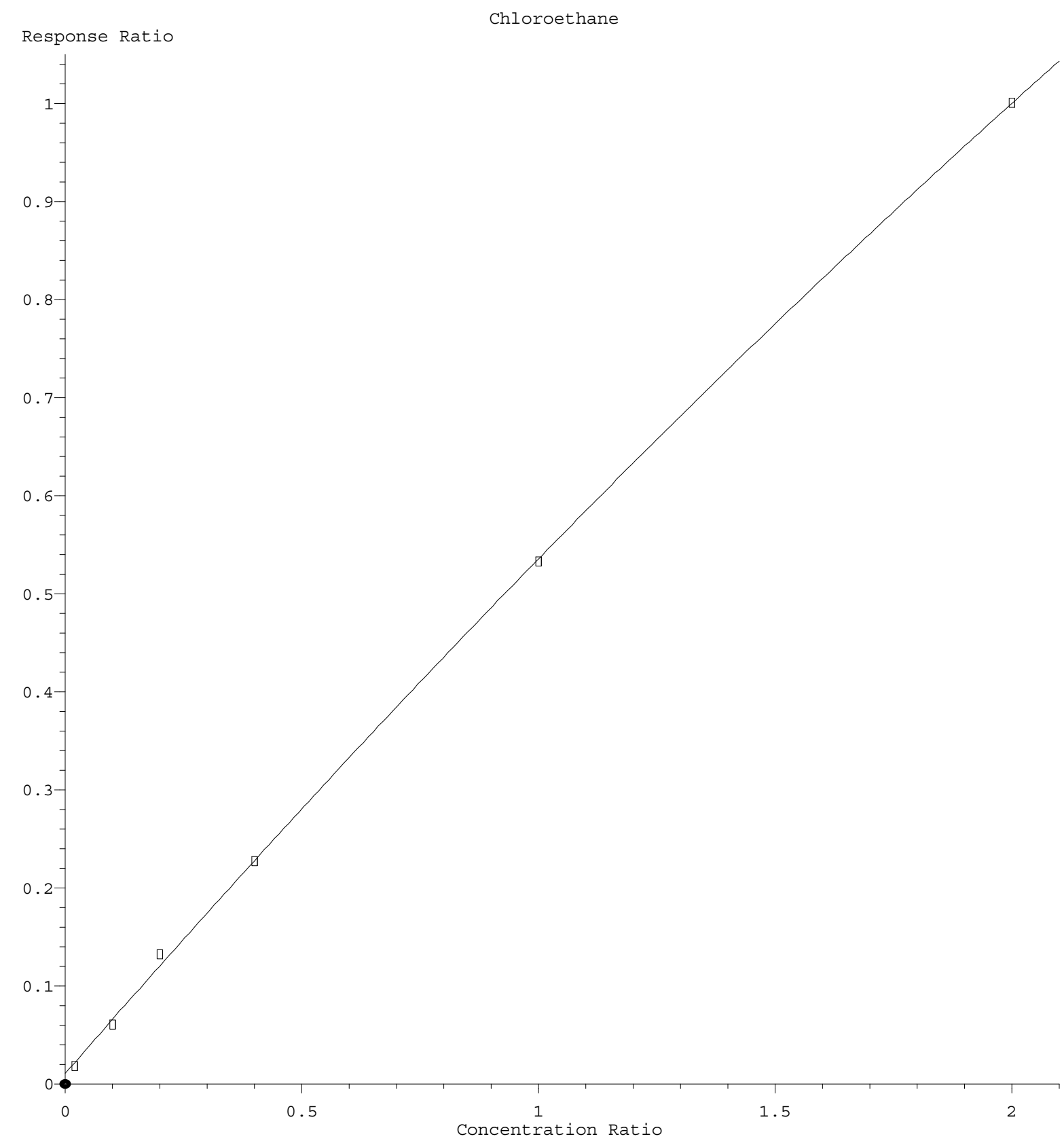
R = -1.124e-002 A*A + 1.587e+000 A - 4.955e-002
Coef of Det (r^2) = 0.999540 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V092225W.M
Calibration Table Last Updated: Wed Sep 24 08:08:08 2025



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



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



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

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

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

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

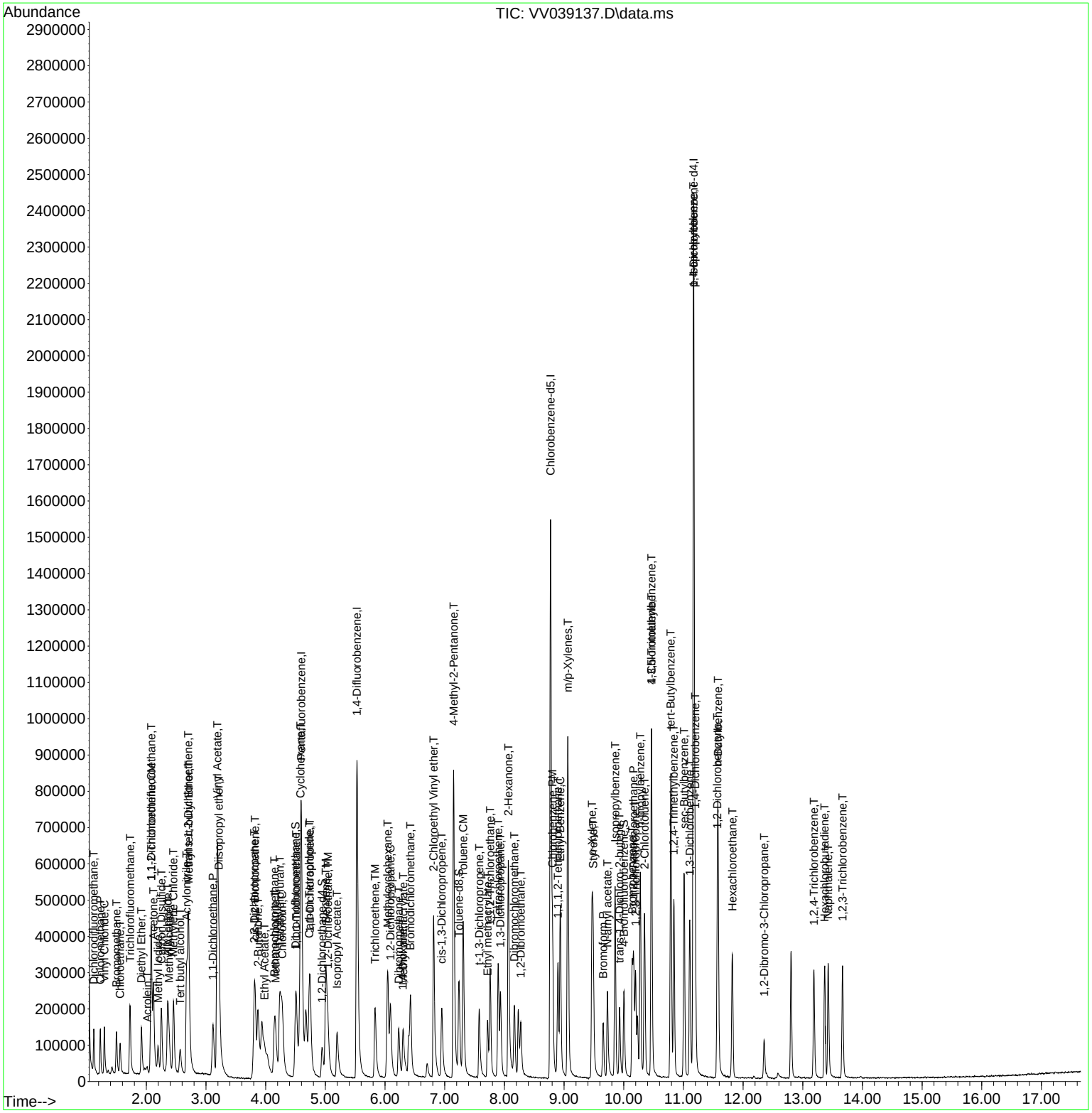
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

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

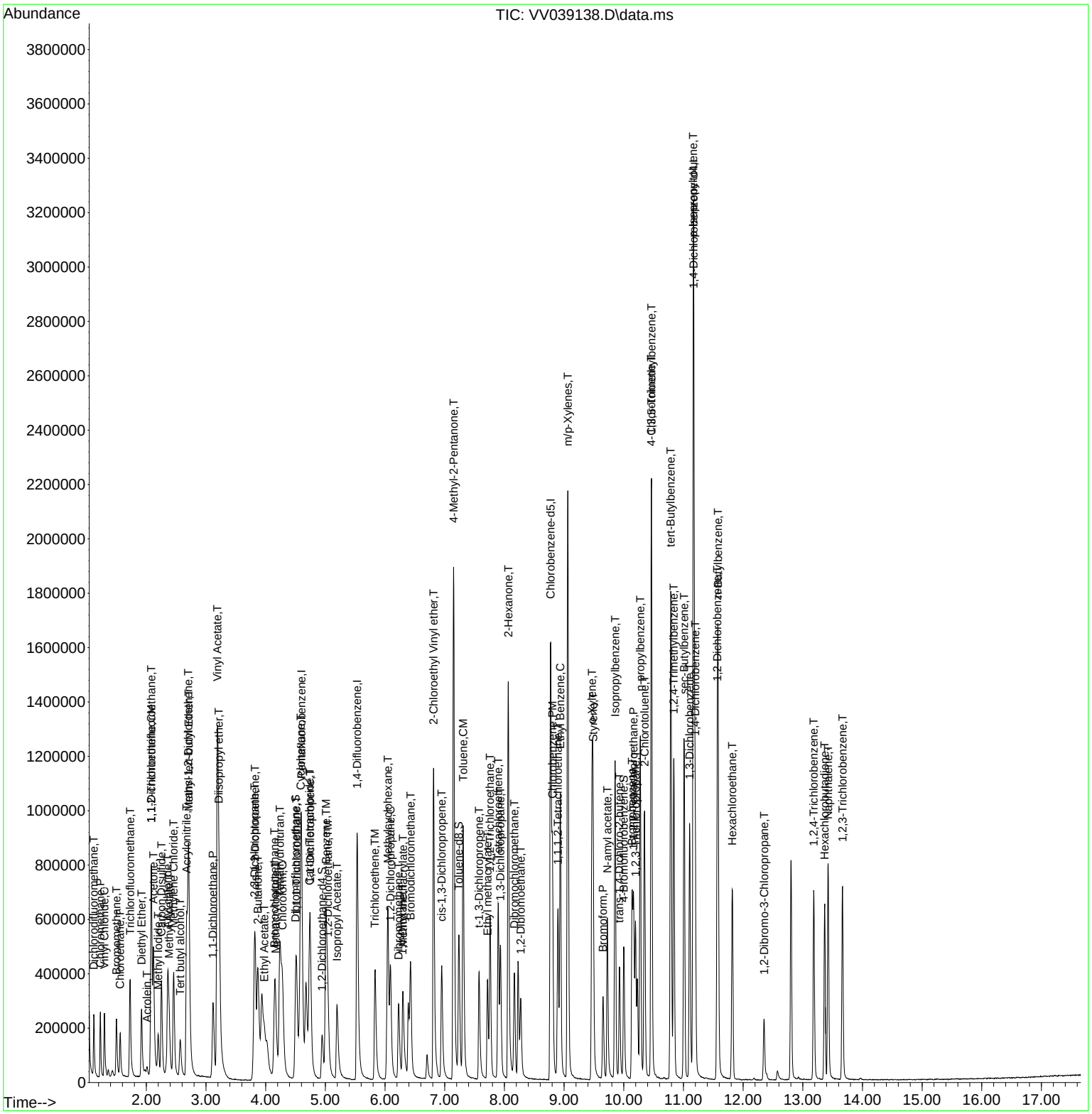
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

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

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

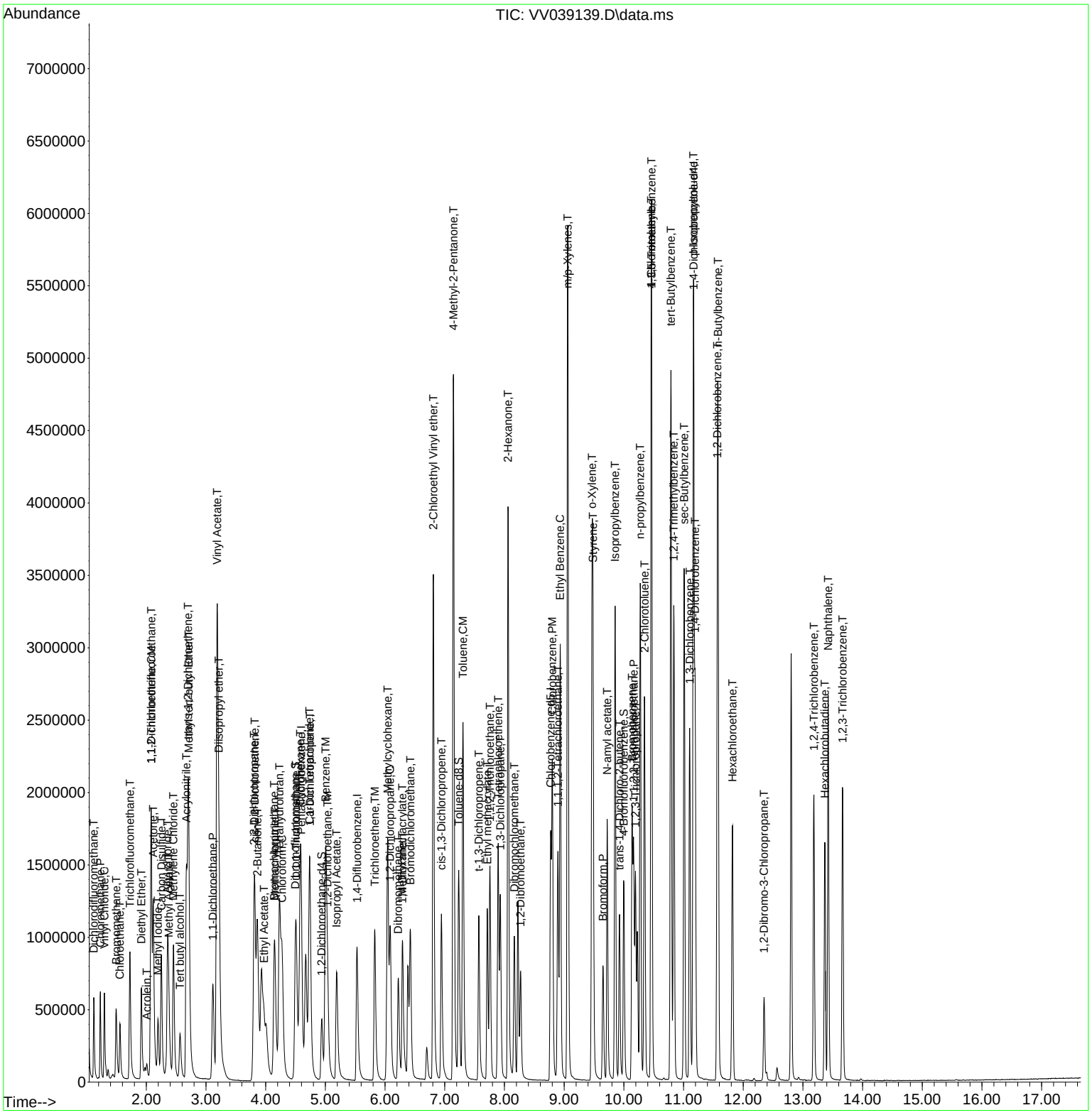
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

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

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

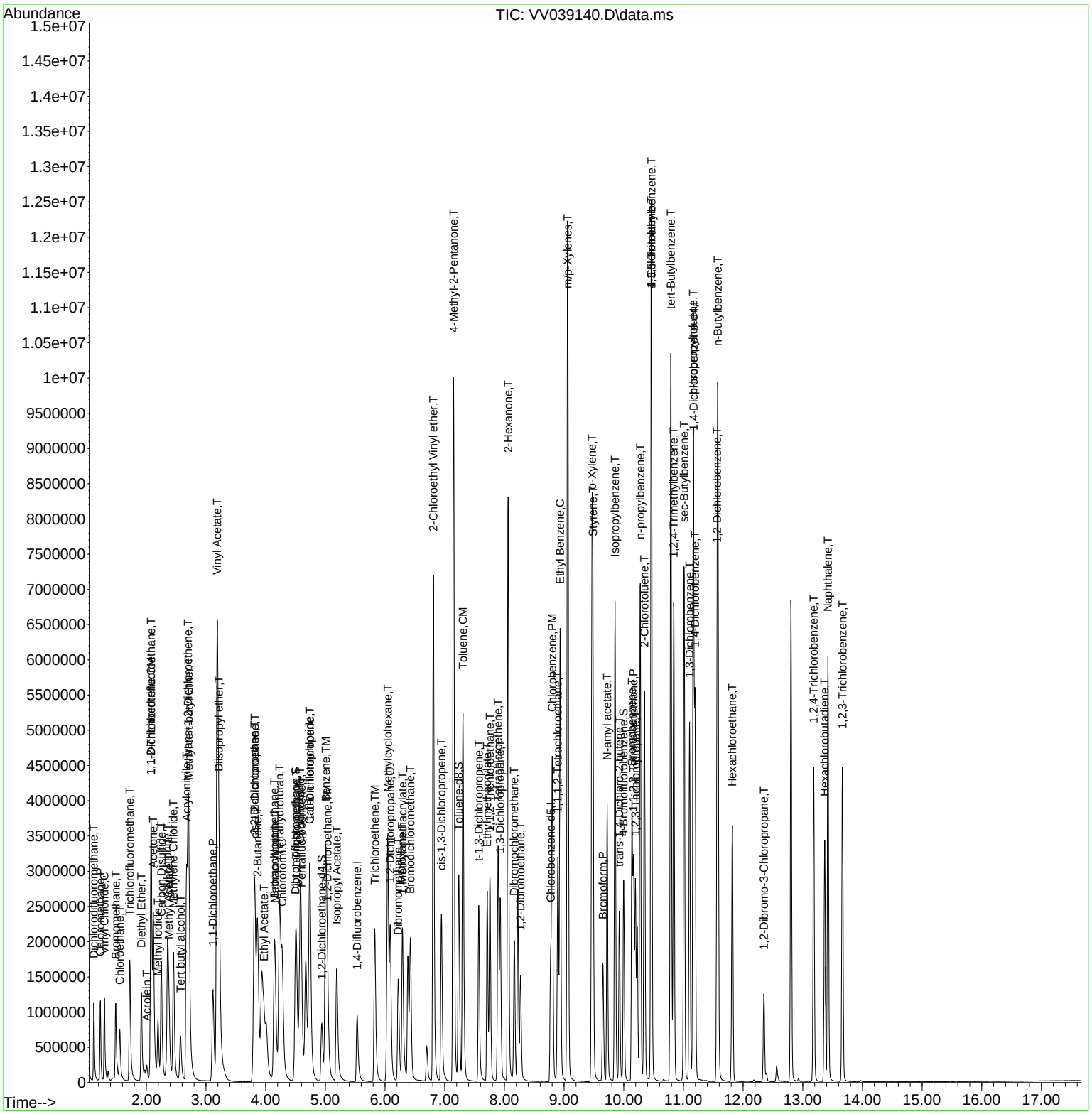
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

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



Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

ICAL Form

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

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

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

ICAL Form

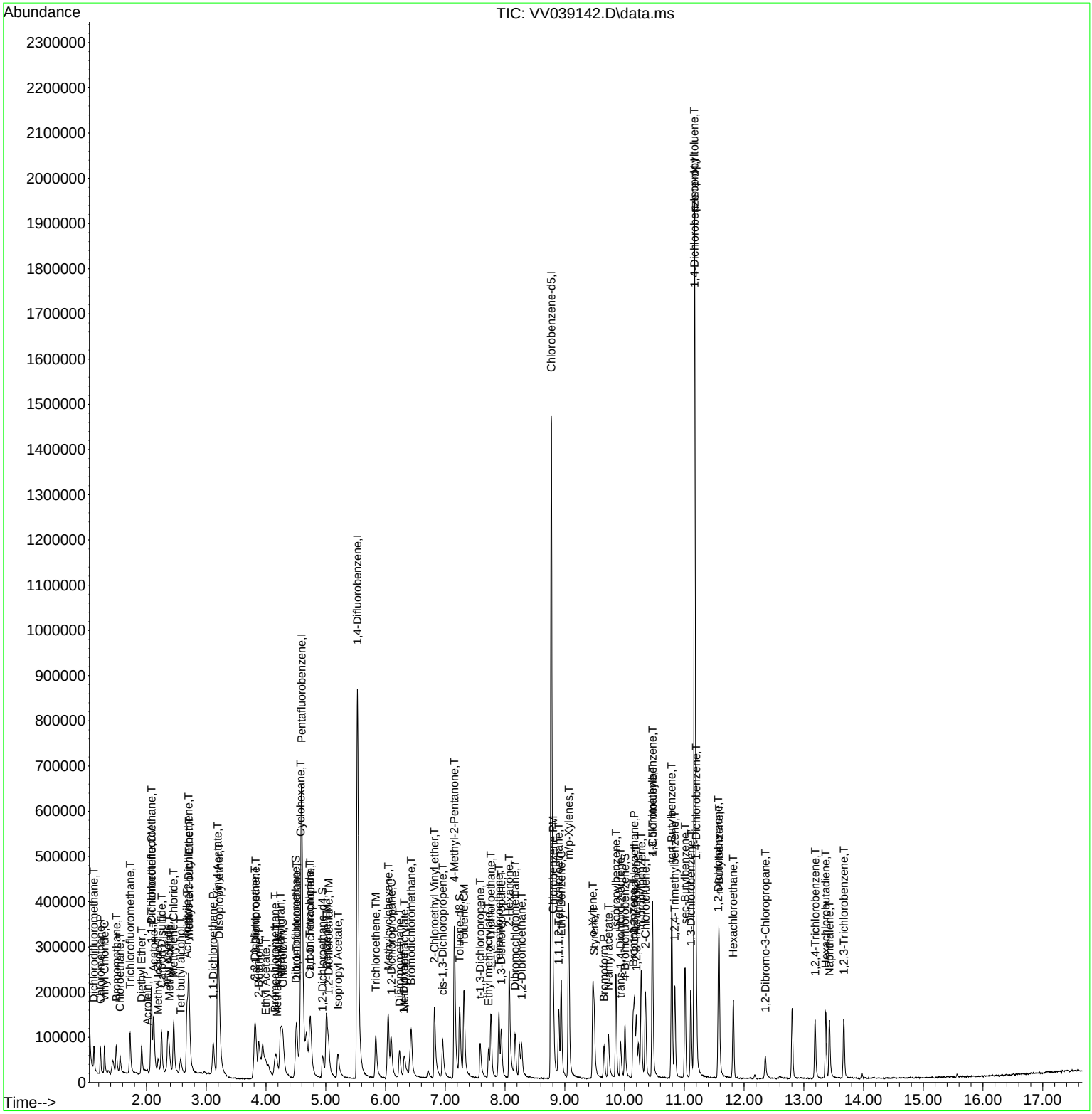
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039142.D
Acq On : 22 Sep 2025 15:37
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.603	168	406498	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	5.535	114	735855	50.000	ug/l		0.00
63) Chlorobenzene-d5	8.776	117	700418	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	322677	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 81 - 118		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 80 - 119		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 89 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 85 - 114		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.121	85	7593	1.180	ug/l		98
3) Chloromethane	1.230	50	7695	1.114	ug/l		99
4) Vinyl Chloride	1.297	62	8342	1.128	ug/l		98
6) Chloroethane	1.564	64	7440	0.673	ug/l		96
7) Trichlorofluoromethane	1.725	101	12570	1.174	ug/l		85
8) Diethyl Ether	1.921	74	4650	1.170	ug/l		92
9) 1,1,2-Trichlorotrifluo...	2.082	101	7630	1.198	ug/l		96
12) 1,1-Dichloroethene	2.085	96	7094	1.157	ug/l	#	66
14) Allyl chloride	2.362	41	12383	1.131	ug/l		97
15) Acrylonitrile	2.683	53	23873	5.989	ug/l		96
16) Acetone	2.127	43	28927	3.224	ug/l		96
17) Carbon Disulfide	2.256	76	21708	1.158	ug/l		98
18) Methyl Acetate	2.391	43	9742	1.118	ug/l		98
19) Methyl tert-butyl Ether	2.715	73	21063	1.078	ug/l	#	89
20) Methylene Chloride	2.458	84	16152	0.632	ug/l		90
21) trans-1,2-Dichloroethene	2.709	96	7797	1.195	ug/l		92
22) Diisopropyl ether	3.220	45	21620	1.032	ug/l	#	34
23) Vinyl Acetate	3.204	43	91192	4.977	ug/l		99
24) 1,1-Dichloroethane	3.121	63	15790	1.233	ug/l	#	94
25) 2-Butanone	3.921	43	22515m	4.862	ug/l		
26) 2,2-Dichloropropane	3.815	77	15492m	1.369	ug/l		
27) cis-1,2-Dichloroethene	3.834	96	8138	1.131	ug/l		91
28) Bromochloromethane	4.162	49	6039	1.068	ug/l	#	53
29) Tetrahydrofuran	4.262	42	13621	4.619	ug/l	#	65
30) Chloroform	4.288	83	15288	1.143	ug/l		96
32) 1,1,1-Trichloroethane	4.519	97	12926	1.116	ug/l		93
36) 1,1-Dichloropropene	4.764	75	9572m	1.063	ug/l		
37) Ethyl Acetate	4.030	43	12136m	1.098	ug/l		
38) Carbon Tetrachloride	4.735	117	13098m	1.207	ug/l		
39) Methylcyclohexane	6.050	83	9159	0.848	ug/l		91
40) Benzene	5.027	78	28487	0.978	ug/l		98
41) Methacrylonitrile	4.223	41	2717m	2.427	ug/l		
42) 1,2-Dichloroethane	5.059	62	10892	1.067	ug/l		95
43) Isopropyl Acetate	5.236	43	12786m	0.840	ug/l		
44) Trichloroethene	5.850	130	6408	0.953	ug/l		84
45) 1,2-Dichloropropane	6.104	63	6838	0.945	ug/l		93

ICAL Form

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

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

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

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

ICAL Form

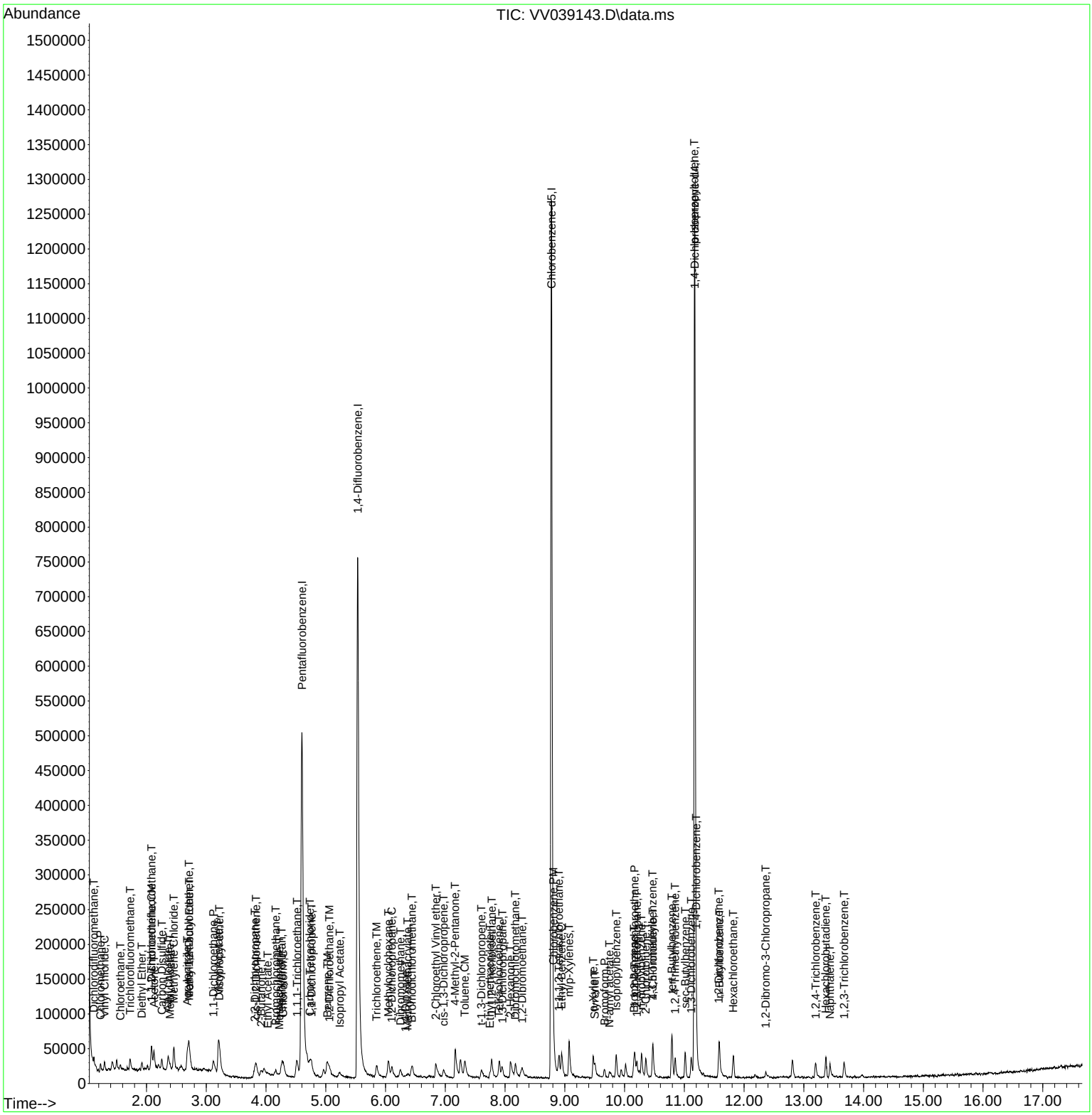
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039143.D
Acq On : 22 Sep 2025 16:35
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

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

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

ICAL Form

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

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

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

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

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

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039144.D
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Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
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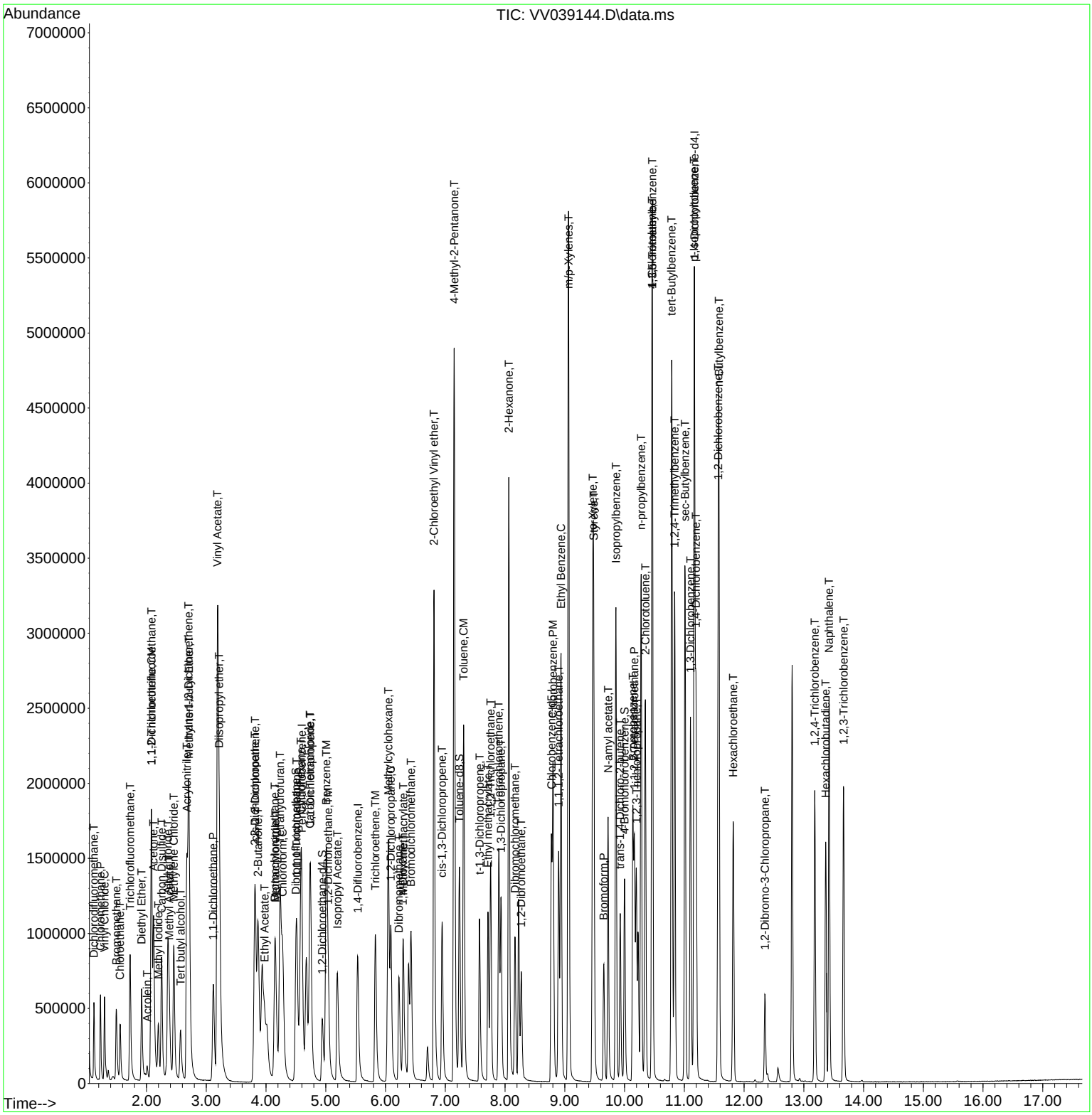
Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

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

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

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

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

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

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

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

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

Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

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

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

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

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

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

ICAL Form

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

Instrument :
MSVOA_V
ClientSampleId :
ICVVV092225

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

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

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

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q3201

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
Tert butyl alcohol		0.085	0.086	0.089	0.090	0.094	0.089	4.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3

* 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.

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q3201

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025
Response Via : Initial Calibration

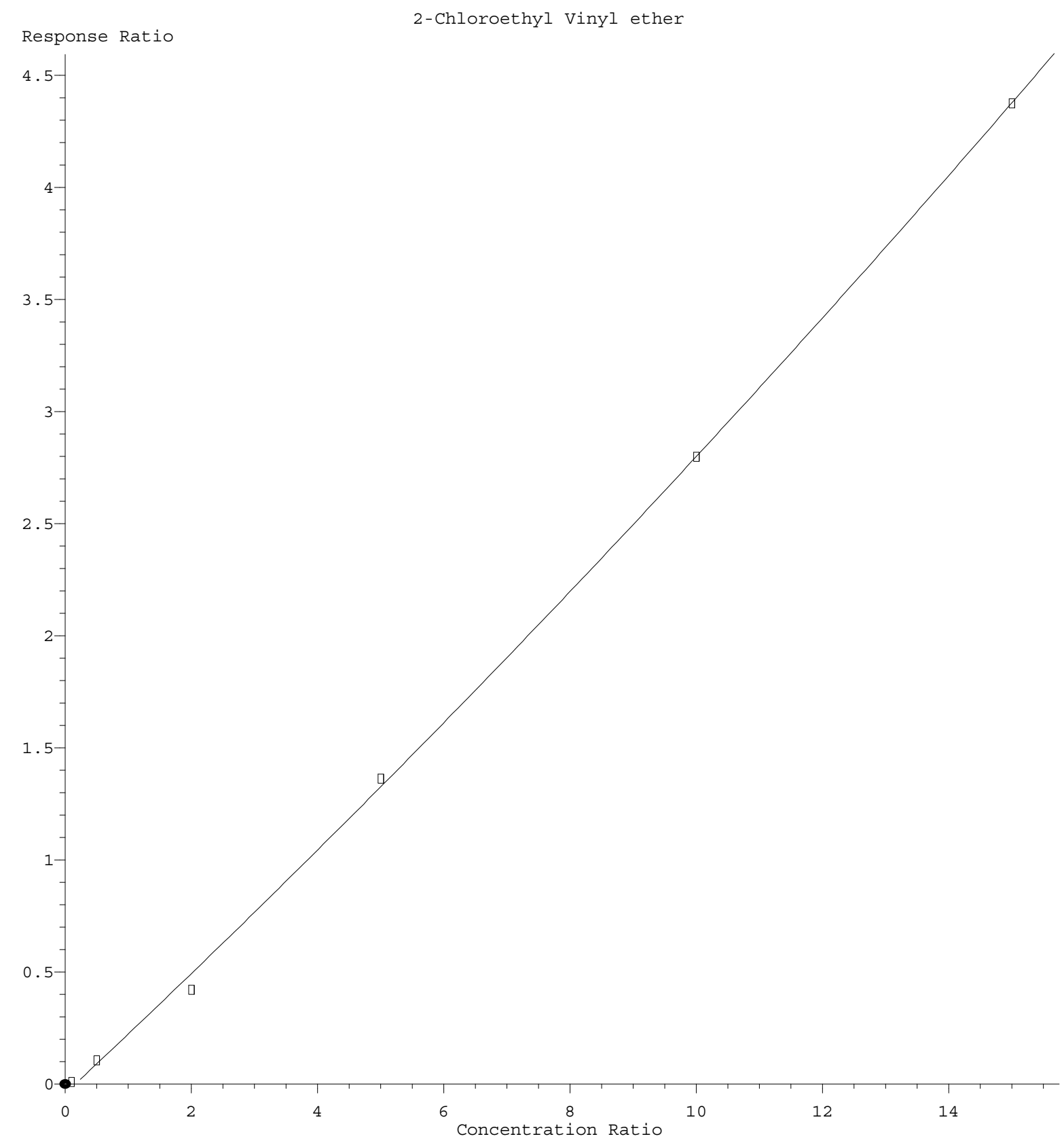
Calibration Files
1 =VX047585.D 5 =VX047586.D 20 =VX047587.D 50 =VX047588.D 100 =VX047589.D 150 =VX047590.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10.01
3)	P	Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.92
4)	C	Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.87#
5)	T	Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15.01
6)	T	Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.36
7)	T	Trichlorofluor...	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.49
8)	T	Diethyl Ether	0.372	0.405	0.413	0.409	0.420	0.409	0.405	4.17
9)	T	1,1,2-Trichlor...	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.21
10)	T	Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.85
11)	T	Tert butyl alc...		0.085	0.086	0.089	0.090	0.094	0.089	4.18
12)	CM	1,1-Dichloroet...	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.71#
13)	T	Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.59
14)	T	Allyl chloride	1.194	1.267	1.249	1.211	1.226	1.207	1.226	2.25
15)	T	Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.82
16)	T	Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.67
17)	T	Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.80
18)	T	Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.39
19)	T	Methyl tert-bu...	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.47
20)	T	Methylene Chlo...	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.45
21)	T	trans-1,2-Dich...	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.28
22)	T	Diisopropyl ether	1.976	2.531	2.487	2.477	2.398	2.384	2.376	8.56
23)	T	Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.41
24)	P	1,1-Dichloroet...	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.81
25)	T	2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	8.98
26)	T	2,2-Dichloropr...	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.06
27)	T	cis-1,2-Dichlo...	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.41
28)	T	Bromochloromet...	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.18
29)	T	Tetrahydrofuran	0.211	0.269	0.272	0.275	0.262	0.268	0.260	9.24
30)	C	Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.72#
31)	T	Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.08
32)	T	1,1,1-Trichlor...	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.33
33)	S	1,2-Dichloroet...		0.884	0.647	0.770	0.815	0.863	0.796	11.82
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.356	0.266	0.331	0.355	0.368	0.335	12.25
36)	T	1,1-Dichloropr...	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.15
37)	T	Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.21
38)	T	Carbon Tetrach...	0.482	0.574	0.555	0.539	0.526	0.518	0.532	5.99
39)	T	Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.60
40)	TM	Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.11
41)	T	Methacrylonitrile	0.236	0.264	0.286	0.286	0.282	0.271	0.271	7.13
42)	TM	1,2-Dichloroet...	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.76
43)	T	Isopropyl Acetate	0.751	0.882	0.889	0.897	0.865	0.879	0.860	6.34
44)	TM	Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.92
45)	C	1,2-Dichloropr...	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.37#
46)	T	Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.54
47)	T	Bromodichlorom...	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.65
48)	T	Methyl methacr...	0.372	0.421	0.447	0.449	0.436	0.446	0.429	6.97
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.005	0.005	0.005	0.004	19.43
50)	S	Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.10
51)	T	4-Methyl-2-Pen...	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.28
52)	CM	Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.22#
53)	T	t-1,3-Dichloro...	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.33
54)	T	cis-1,3-Dichlo...	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.74
55)	T	1,1,2-Trichlor...	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.10
56)	T	Ethyl methacry...	0.407	0.563	0.587	0.599	0.580	0.595	0.555	13.25

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M

57)	T	1,3-Dichloropr...	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.51
58)	T	2-Chloroethyl ...	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.65
59)	T	2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.82
60)	T	Dibromochlorom...	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.49
61)	T	1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.10
62)	S	4-Bromofluorob...		0.478	0.360	0.427	0.452	0.484	0.440	11.42
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6.03
65)	PM	Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.18
66)	T	1,1,1,2-Tetrac...	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.26
67)	C	Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.57#
68)	T	m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.77
69)	T	o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.13
70)	T	Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.70
71)	P	Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.37
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.94
74)	T	N-amyl acetate	1.277	1.726	1.851	1.862	1.834	1.850	1.733	13.21
75)	P	1,1,2,2-Tetrac...	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.16
76)	T	1,2,3-Trichlor...	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.13
77)	T	Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.38
78)	T	n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.17
79)	T	2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.91
80)	T	1,3,5-Trimethy...	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.62
81)	T	trans-1,4-Dich...		0.347	0.381	0.414	0.420	0.424	0.397	8.31
82)	T	4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.74
83)	T	tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.39
84)	T	1,2,4-Trimethy...	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.17
85)	T	sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.09
86)	T	p-Isopropyltol...	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.81
87)	T	1,3-Dichlorobe...	1.462	1.800	1.829	1.817	1.768	1.758	1.739	7.95
88)	T	1,4-Dichlorobe...	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.47
89)	T	n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.14
90)	T	Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.81
91)	T	1,2-Dichlorobe...	1.359	1.691	1.757	1.746	1.696	1.692	1.657	8.97
92)	T	1,2-Dibromo-3-...	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.07
93)	T	1,2,4-Trichlor...	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.34
94)	T	Hexachlorobuta...	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.51
95)	T	Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.46
96)	T	1,2,3-Trichlor...	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.72

(#) = Out of Range



R = 2.100e-003 A*A + 2.631e-001 A - 4.158e-002
Coef of Det (r^2) = 0.999517 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X091625W.M
Calibration Table Last Updated: Wed Sep 17 06:39:58 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l	#	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l		80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l		94
44) Trichloroethene	7.110	130	2677	0.824	ug/l		78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.574	93	2240	0.895	ug/l		94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l	#	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l	#	87
49) 1,4-Dioxane	7.653	88	488m	12.477	ug/l		
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l		95
52) Toluene	8.708	92	7595	0.917	ug/l		92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l	#	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l	#	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l		95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l	#	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l		99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l		98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l		87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l		96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l		83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l	#	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l		98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l		99
69) o-Xylene	10.622	106	4734	0.816	ug/l		94
70) Styrene	10.640	104	8377	0.824	ug/l		96
71) Bromoform	10.787	173	1816	0.755	ug/l	#	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l		96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l		96
76) 1,2,3-Trichloropropane	11.225	75	3421m	0.816	ug/l		
77) Bromobenzene	11.183	156	3069	0.811	ug/l		98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l		99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l		99
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l		95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l		97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l		100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l		99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	6341m	0.880	ug/l		
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l		97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l		95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l		93
95) Naphthalene	13.756	128	10112	0.763	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l		98

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

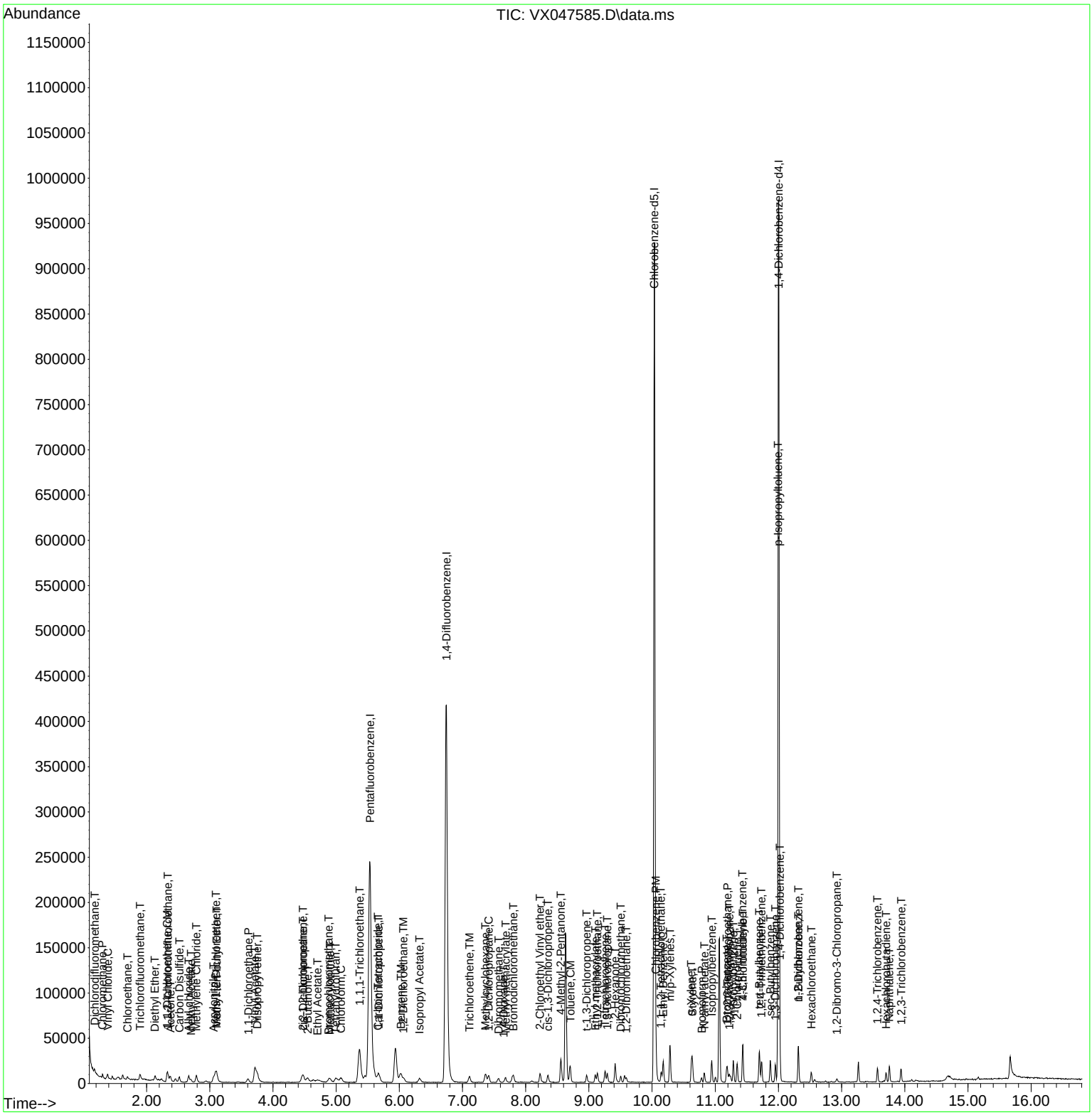
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	15982m	4.927	ug/l		
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

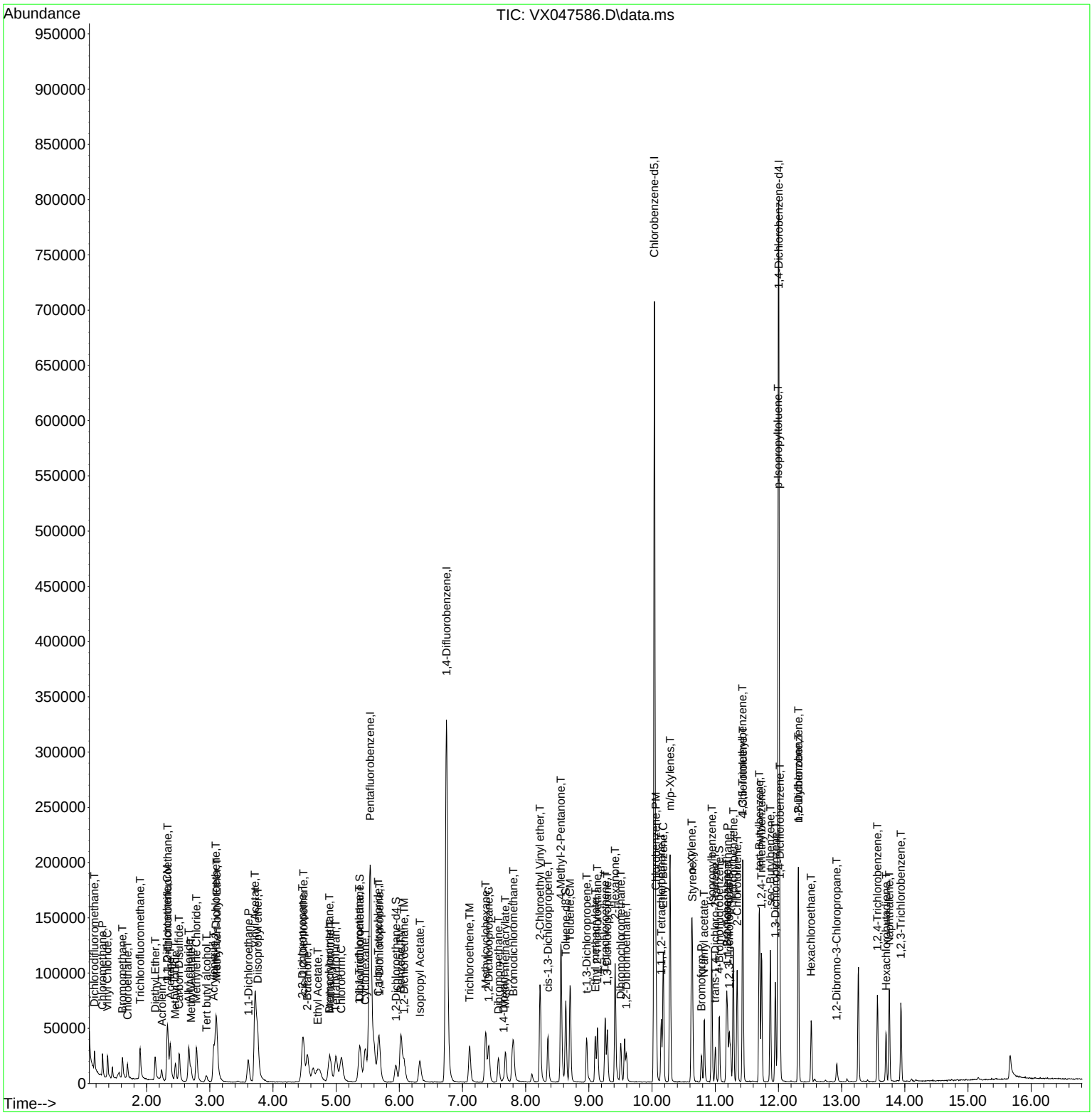
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.520%#		
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.740%#		
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.520%#		
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	60797m	20.680	ug/l		
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

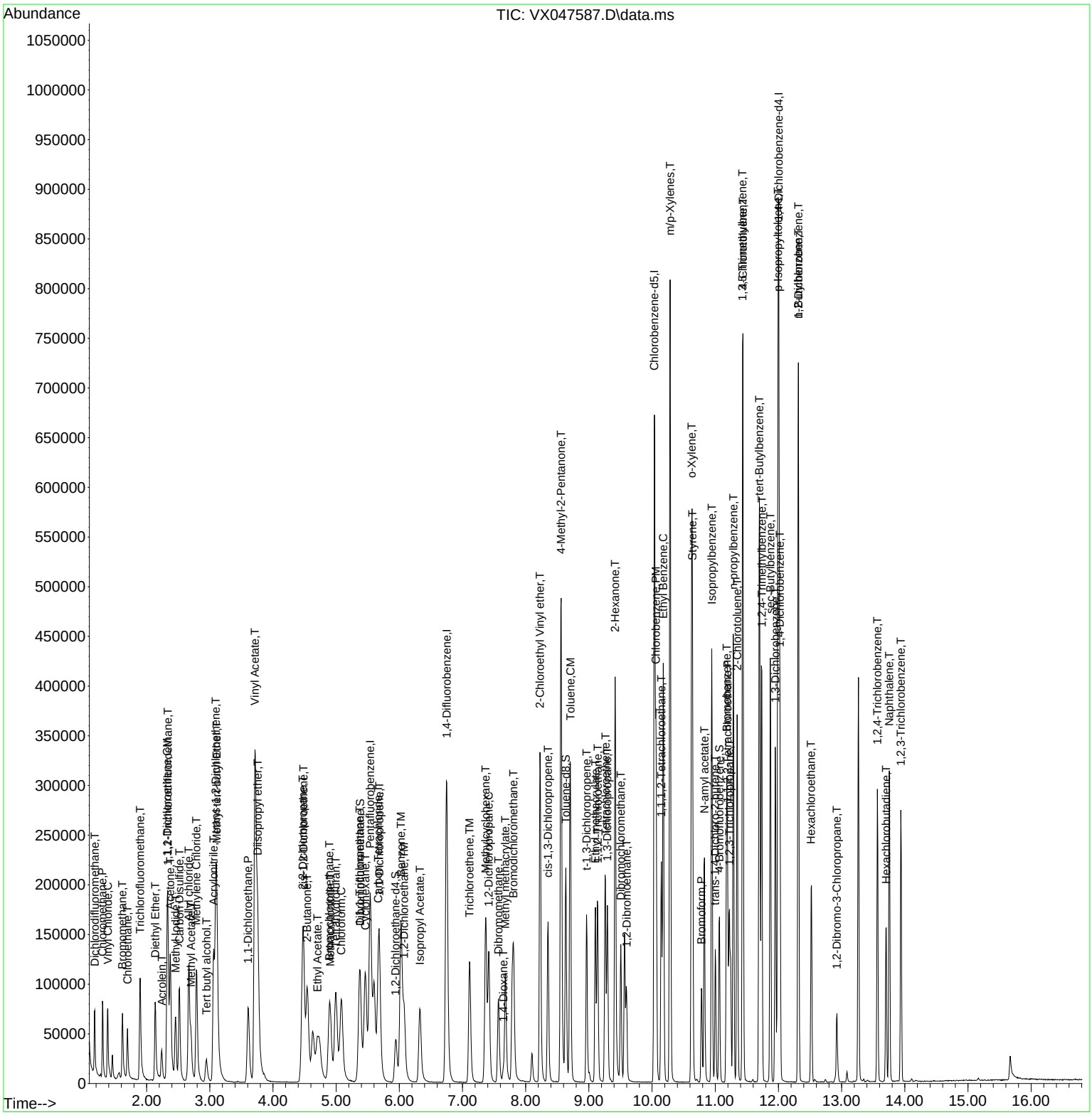
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l		
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

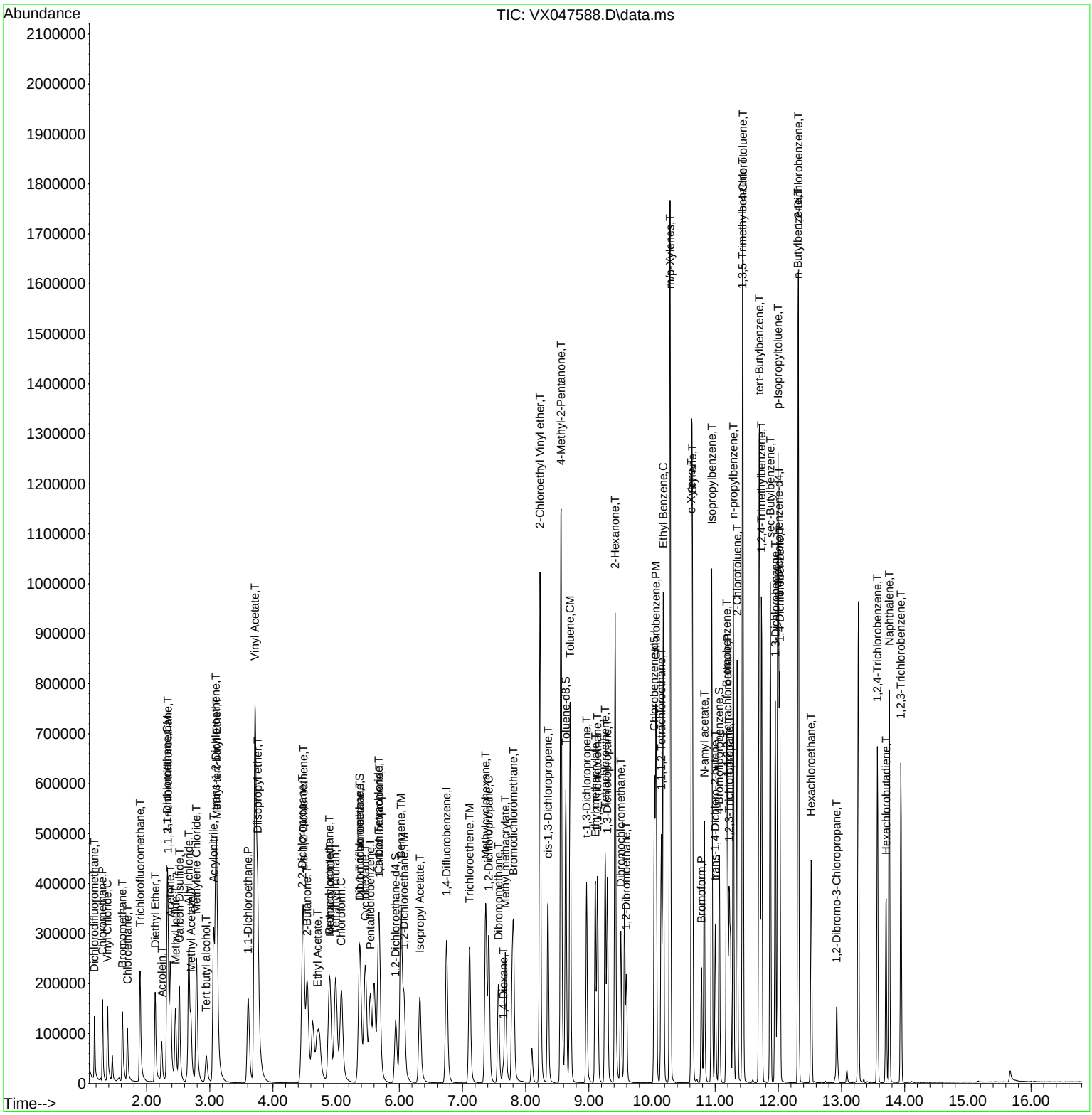
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220 ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916 ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482 ug/l	99
44) Trichloroethene	7.104	130	217753	101.234 ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145 ug/l	100
46) Dibromomethane	7.562	93	164987	99.519 ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136 ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612 ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315 ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834 ug/l	100
52) Toluene	8.702	92	536148	97.811 ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986 ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434 ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435 ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814 ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380 ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226 ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147 ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284 ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988 ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823 ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624 ug/l	99
69) o-Xylene	10.622	106	372621	102.186 ug/l	99
70) Styrene	10.634	104	649863	101.710 ug/l	100
71) Bromoform	10.781	173	161188	106.566 ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768 ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172 ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444 ug/l	
77) Bromobenzene	11.183	156	234666	102.541 ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941 ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689 ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054 ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333 ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144 ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840 ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985 ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138 ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225 ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922 ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049 ug/l	99
95) Naphthalene	13.756	128	854492	106.620 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

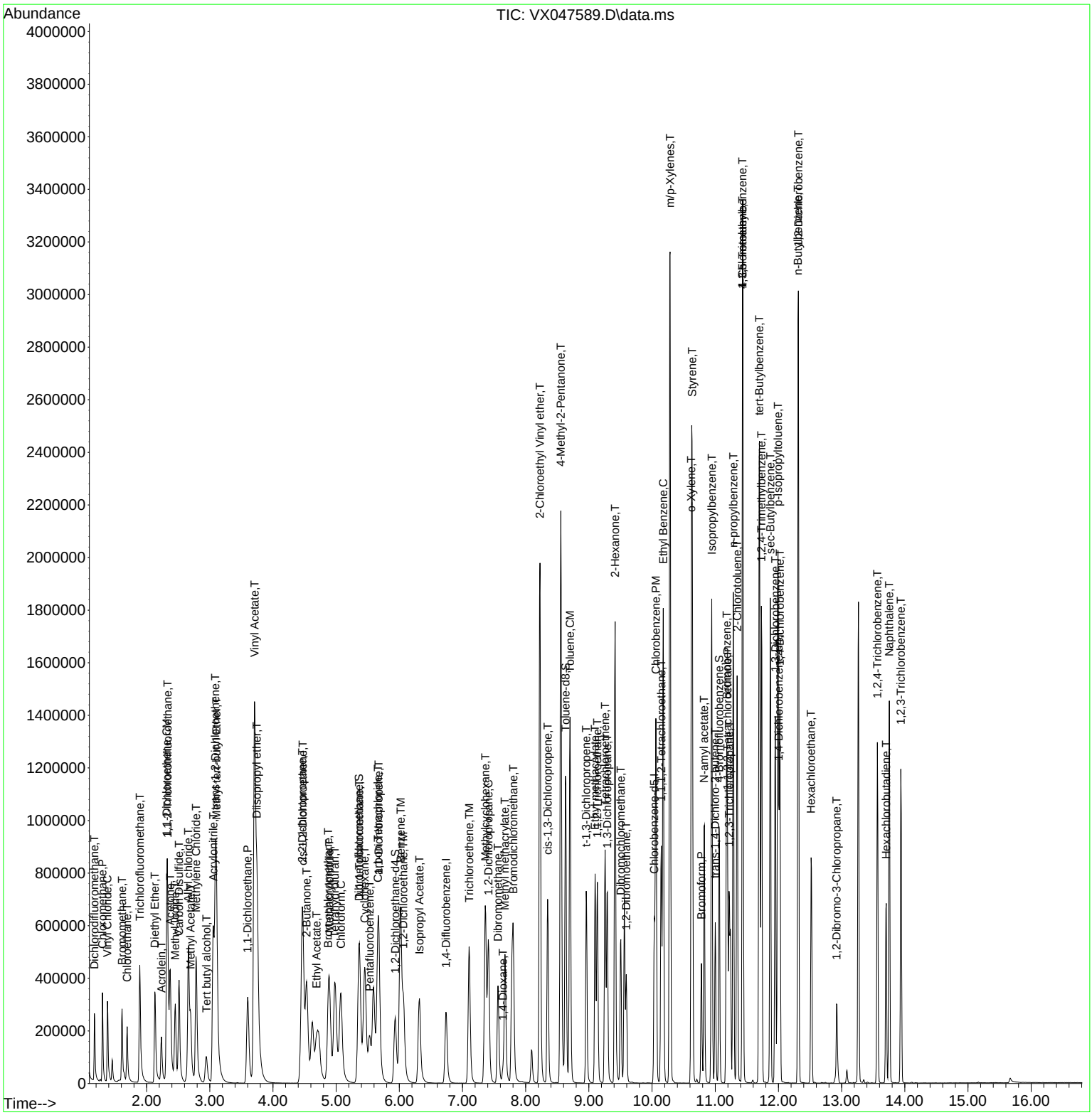
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692 ug/l	
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

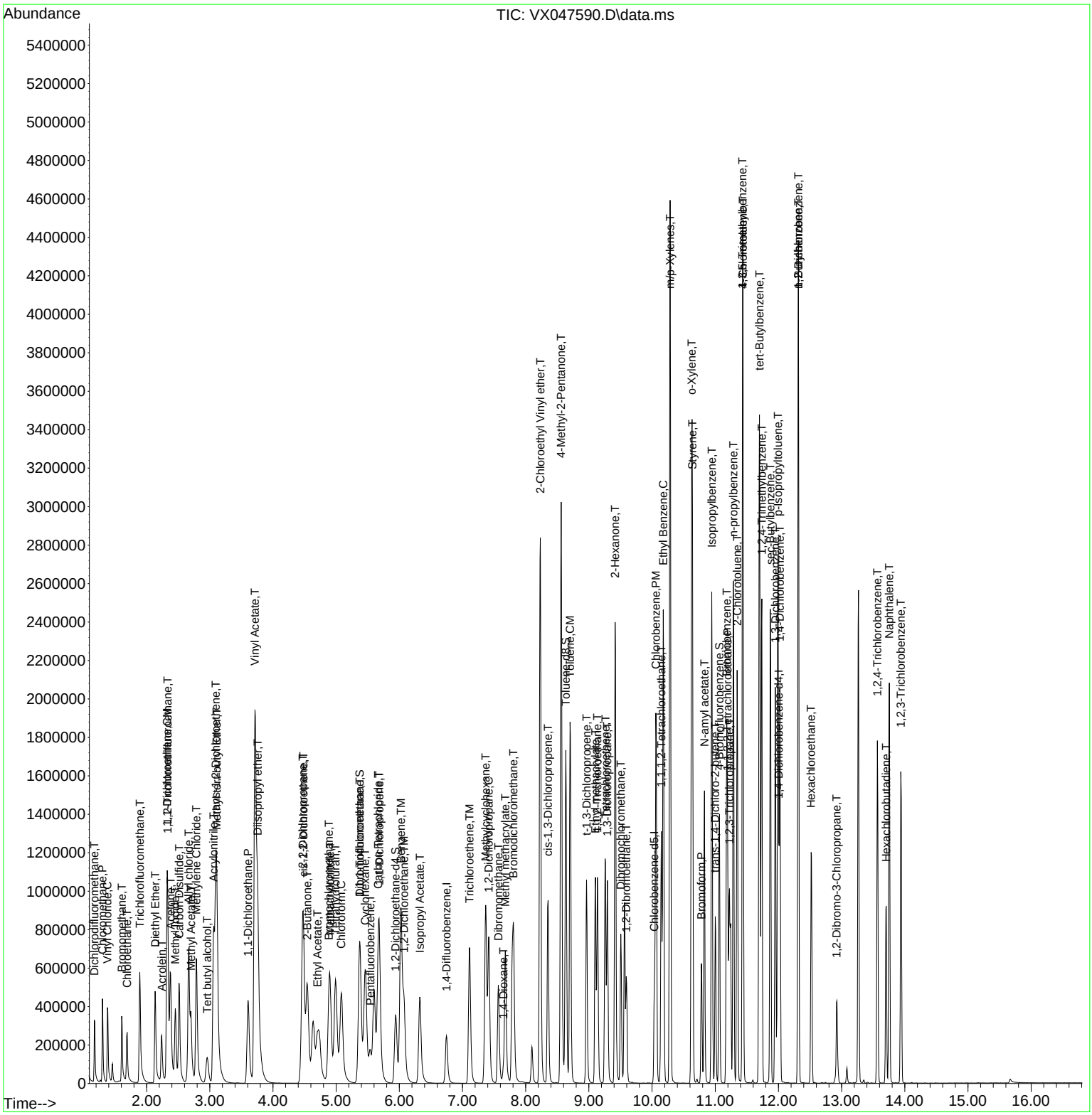
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l		
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

ICAL Form

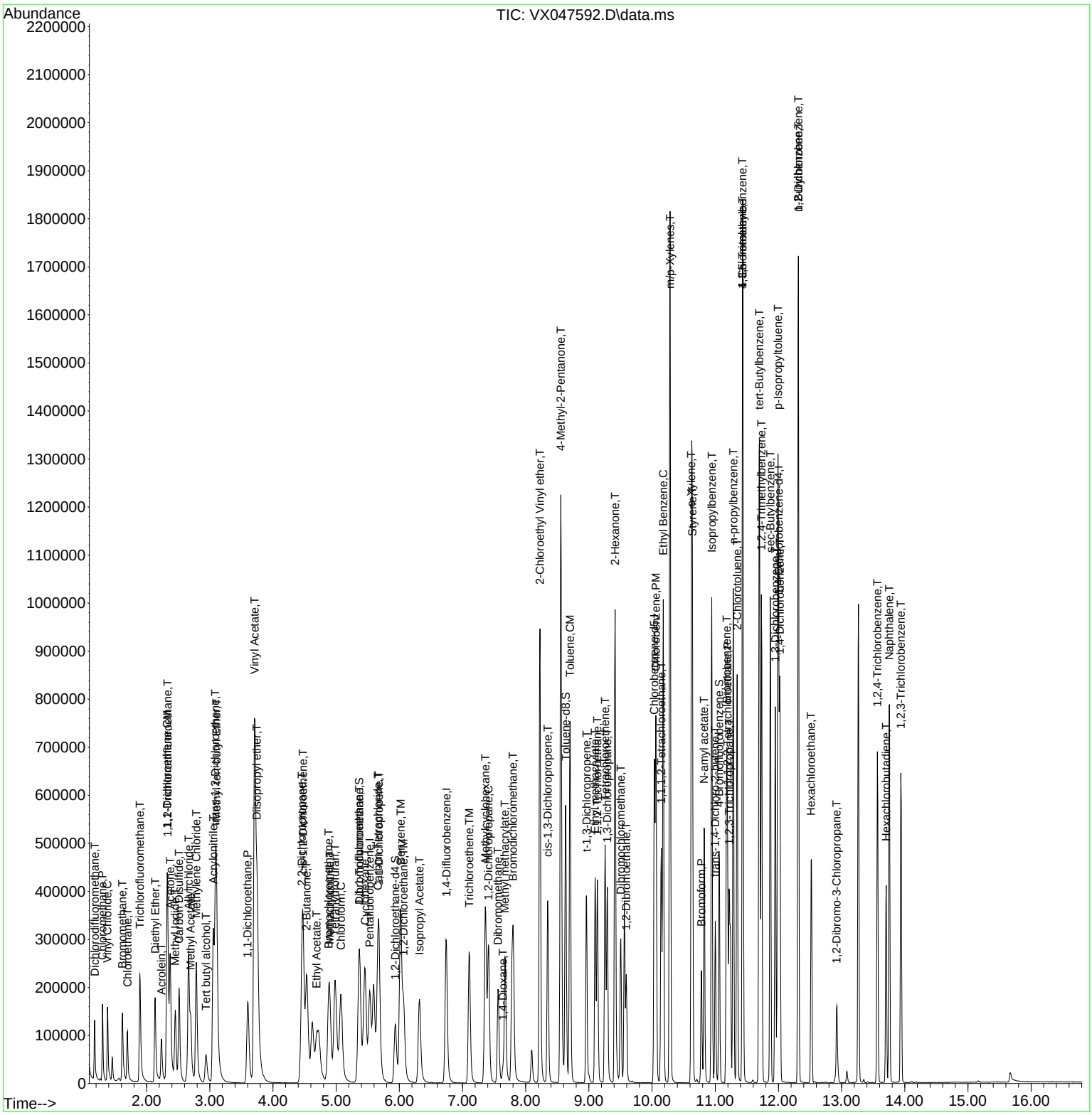
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3	P	Chloromethane	0.680	0.595	12.5	97	0.00
4	C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5	T	Bromomethane	0.422	0.410	2.8	104	0.00
6	T	Chloroethane	0.445	0.415	6.7	101	0.00
7	T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8	T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10	T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11	T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12	CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13	T	Acrolein	0.082	0.083	-1.2	110	0.00
14	T	Allyl chloride	1.226	1.146	6.5	102	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16	T	Acetone	0.346	0.339	2.0	115	0.00
17	T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18	T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19	T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20	T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22	T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23	T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24	P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25	T	2-Butanone	0.432	0.438	-1.4	107	0.00
26	T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28	T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29	T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30	C	Chloroform	1.276	1.244	2.5#	101	0.00
31	T	Cyclohexane	1.052	0.968	8.0	101	0.00
32	T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36	T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37	T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38	T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39	T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40	TM	Benzene	1.488	1.410	5.2	100	0.00
41	T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42	TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43	T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44	TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45	C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46	T	Dibromomethane	0.277	0.266	4.0	100	0.00
47	T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48	T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

ICAL Form

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Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	106	0.00
50	S	Toluene-d8	1.160	1.077	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52	CM	Toluene	0.917	0.883	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55	T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56	T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57	T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60	T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61	T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62	S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65	PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67	C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68	T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69	T	o-Xylene	0.706	0.708	-0.3	101	0.00
70	T	Styrene	1.236	1.225	0.9	101	0.00
71	P	Bromoform	0.293	0.300	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74	T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76	T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77	T	Bromobenzene	0.936	0.902	3.6	100	0.00
78	T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79	T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82	T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83	T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85	T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86	T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87	T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88	T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89	T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90	T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91	T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94	T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95	T	Naphthalene	3.279	3.334	-1.7	103	0.00

ICAL Form

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Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.023	-2.1	102	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
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Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3	P	Chloromethane	50.000	43.710	12.6	97	0.00
4	C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5	T	Bromomethane	50.000	48.489	3.0	104	0.00
6	T	Chloroethane	50.000	46.575	6.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8	T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10	T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11	T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13	T	Acrolein	250.000	254.867	-1.9	110	0.00
14	T	Allyl chloride	50.000	46.742	6.5	102	0.00
15	T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16	T	Acetone	250.000	245.006	2.0	115	0.00
17	T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18	T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20	T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22	T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23	T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24	P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25	T	2-Butanone	250.000	253.598	-1.4	107	0.00
26	T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28	T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29	T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30	C	Chloroform	50.000	48.739	2.5#	101	0.00
31	T	Cyclohexane	50.000	45.999	8.0	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36	T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37	T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38	T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39	T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40	TM	Benzene	50.000	47.357	5.3	100	0.00
41	T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44	TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46	T	Dibromomethane	50.000	47.976	4.0	100	0.00
47	T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48	T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
ICVVX091625

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Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1089.520	-9.0	106	0.00
50	S	Toluene-d8	50.000	46.411	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52	CM	Toluene	50.000	48.130	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56	T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57	T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59	T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60	T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65	PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68	T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69	T	o-Xylene	50.000	50.159	-0.3	101	0.00
70	T	Styrene	50.000	49.536	0.9	101	0.00
71	P	Bromoform	50.000	51.207	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74	T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77	T	Bromobenzene	50.000	48.173	3.7	100	0.00
78	T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79	T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82	T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85	T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89	T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90	T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95	T	Naphthalene	50.000	50.836	-1.7	103	0.00

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
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ALS Vial : 10 Sample Multiplier: 1

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.054	-2.1	102	0.00

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

Raw Data: **VV039242.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_V
Calibration Date/Time: 10/03/2025 08:53
Lab File ID: VV039242.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.792	0.678		-14.39	20
Chloromethane	0.850	0.705	0.1	-17.06	20
Vinyl Chloride	0.910	0.797		-12.42	20
Bromomethane	0.573	0.524		-8.55	20
Chloroethane	0.631	0.533		-15.53	20
Trichlorofluoromethane	1.317	1.296		-1.6	20
1,1,2-Trichlorotrifluoroethane	0.784	0.780		-0.51	20
Tert butyl alcohol	0.153	0.135		-11.77	20
1,1-Dichloroethene	0.754	0.737		-2.26	20
Acetone	0.523	0.465		-11.09	20
Carbon Disulfide	2.306	1.914		-17	20
Methyl tert-butyl Ether	2.402	2.433		1.29	20
Methyl Acetate	1.072	1.143		6.62	20
Methylene Chloride	1.066	0.842		-21.01	20
trans-1,2-Dichloroethene	0.803	0.776		-3.36	20
1,1-Dichloroethane	1.576	1.470	0.1	-6.73	20
Cyclohexane	1.291	1.058		-18.05	20
2-Butanone	0.579	0.545		-5.87	20
Carbon Tetrachloride	0.743	0.816		9.82	20
cis-1,2-Dichloroethene	0.885	0.850		-3.95	20
Bromochloromethane	0.696	0.695		-0.14	20
Chloroform	1.645	1.541		-6.32	20
1,1,1-Trichloroethane	1.424	1.326		-6.88	20
Methylcyclohexane	0.734	0.753		2.59	20
Benzene	1.979	2.157		8.99	20
1,2-Dichloroethane	0.693	0.737		6.35	20
Trichloroethene	0.457	0.530		15.97	20
1,2-Dichloropropane	0.492	0.557		13.21	20
Bromodichloromethane	0.778	0.870		11.82	20
4-Methyl-2-Pentanone	0.661	0.770		16.49	20
Toluene	1.147	1.390		21.19	20
t-1,3-Dichloropropene	0.678	0.811		19.62	20
cis-1,3-Dichloropropene	0.749	0.891		18.96	20
1,1,2-Trichloroethane	0.514	0.596		15.95	20
2-Hexanone	0.463	0.579		25.05	20
Dibromochloromethane	0.586	0.698		19.11	20
1,2-Dibromoethane	0.526	0.621		18.06	20
Tetrachloroethene	0.419	0.472		12.65	20

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

Raw Data: **VV039242.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	M2AS01
Lab Code:	ACE	SDG No.:	Q3201
Instrument ID:	MSVOA_V	Calibration Date/Time:	10/03/2025 08:53
Lab File ID:	VV039242.D	Init. Calib. Date(s):	09/22/2025 09/22/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:26 16:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.393	1.547	0.3	10.98	20
Ethyl Benzene	2.108	2.531		20.07	20
m/p-Xylenes	0.814	1.051		29.11	20
o-Xylene	0.720	0.926		28.61	20
Styrene	1.263	1.770		40.14	20
Bromoform	0.393	0.490	0.1	24.68	20
Isopropylbenzene	3.627	3.916		7.97	20
1,1,2,2-Tetrachloroethane	1.589	1.472	0.3	-7.36	20
1,3-Dichlorobenzene	1.904	1.998		4.94	20
1,4-Dichlorobenzene	2.089	2.097		0.38	20
1,2-Dichlorobenzene	1.779	1.851		4.05	20
1,2-Dibromo-3-Chloropropane	0.330	0.287		-13.03	20
1,2,4-Trichlorobenzene	1.020	1.095		7.35	20
1,2,3-Trichlorobenzene	1.043	1.148		10.07	20
1,2-Dichloroethane-d4	0.724	0.604		-16.58	20
Dibromofluoromethane	0.402	0.442		9.95	20
Toluene-d8	1.181	1.194		1.1	20
4-Bromofluorobenzene	0.486	0.586		20.58	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\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	504801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	717875	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	718198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	467640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	305033	41.751	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118			Recovery = 83.500%		
35) Dibromofluoromethane	4.497	113	317481	55.012	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119			Recovery = 110.020%		
50) Toluene-d8	7.233	98	856835	50.551	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112			Recovery = 101.100%		
62) 4-Bromofluorobenzene	9.998	95	420941	60.326	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114			Recovery = 120.660%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	342379	42.846	ug/l	98
3) Chloromethane	1.230	50	355916	41.489	ug/l	98
4) Vinyl Chloride	1.298	62	402428	43.819	ug/l	99
5) Bromomethane	1.494	94	264412	45.671	ug/l	100
6) Chloroethane	1.561	64	269107	49.756	ug/l	99
7) Trichlorofluoromethane	1.725	101	654327	49.210	ug/l	100
8) Diethyl Ether	1.918	74	239899	48.601	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.082	101	393714	49.765	ug/l	96
10) Methyl Iodide	2.198	142	430956	57.201	ug/l	98
11) Tert butyl alcohol	2.564	59	340440	220.472	ug/l	100
12) 1,1-Dichloroethene	2.082	96	371821	48.853	ug/l	90
13) Acrolein	2.011	56	42535	158.748	ug/l	99
14) Allyl chloride	2.359	41	613293	45.110	ug/l	96
15) Acrylonitrile	2.670	53	1136973	229.692	ug/l	99
16) Acetone	2.117	43	1174504	261.128	ug/l	97
17) Carbon Disulfide	2.252	76	966224	41.510	ug/l	100
18) Methyl Acetate	2.378	43	577040	53.306	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	1228261	50.644	ug/l	99
20) Methylene Chloride	2.455	84	425236	54.174	ug/l	94
21) trans-1,2-Dichloroethene	2.699	96	391729	48.346	ug/l	94
22) Diisopropyl ether	3.214	45	1227079	47.173	ug/l	98
23) Vinyl Acetate	3.185	43	5161912	226.848	ug/l	97
24) 1,1-Dichloroethane	3.117	63	742092	46.651	ug/l	98
25) 2-Butanone	3.860	43	1375343	235.085	ug/l	96
26) 2,2-Dichloropropane	3.809	77	617550	43.784	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	429074	48.015	ug/l	96
28) Bromochloromethane	4.143	49	350614	49.928	ug/l	90
29) Tetrahydrofuran	4.230	42	862839	235.626	ug/l	97
30) Chloroform	4.275	83	778110	46.845	ug/l	97
31) Cyclohexane	4.580	56	534129	40.990	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	669151	46.532	ug/l	98
36) 1,1-Dichloropropene	4.741	75	477305	54.703	ug/l	98
37) Ethyl Acetate	3.969	43	518087	48.933	ug/l	97
38) Carbon Tetrachloride	4.731	117	585594	54.914	ug/l	99
39) Methylcyclohexane	6.047	83	540367	51.283	ug/l	99
40) Benzene	5.008	78	1548631	54.504	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.156	41	240482	50.227	ug/l		97
42) 1,2-Dichloroethane	5.037	62	529233	53.160	ug/l		99
43) Isopropyl Acetate	5.188	43	783601	54.281	ug/l		98
44) Trichloroethene	5.828	130	380227	57.993	ug/l		98
45) 1,2-Dichloropropane	6.085	63	399651	56.590	ug/l		98
46) Dibromomethane	6.223	93	300983	55.683	ug/l		93
47) Bromodichloromethane	6.423	83	624205	55.859	ug/l		98
48) Methyl methacrylate	6.294	41	359934	55.003	ug/l		95
49) 1,4-Dioxane	6.288	88	108875	1030.978	ug/l		99
51) 4-Methyl-2-Pentanone	7.146	43	2763632	290.997	ug/l		97
52) Toluene	7.307	92	997722	60.564	ug/l		98
53) t-1,3-Dichloropropene	7.571	75	581937	59.756	ug/l		99
54) cis-1,3-Dichloropropene	6.944	75	639668	59.500	ug/l		97
55) 1,1,2-Trichloroethane	7.757	97	428052	57.949	ug/l		98
56) Ethyl methacrylate	7.712	69	556268	63.413	ug/l		94
57) 1,3-Dichloropropane	7.931	76	675609	57.955	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.809	63	1190479	240.718	ug/l		97
59) 2-Hexanone	8.059	43	2076495	270.676	ug/l		97
60) Dibromochloromethane	8.165	129	501215	59.550	ug/l		98
61) 1,2-Dibromoethane	8.272	107	445928	59.030	ug/l		98
64) Tetrachloroethene	7.895	164	339185	56.385	ug/l		96
65) Chlorobenzene	8.802	112	1110690	55.521	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.895	131	418344	57.876	ug/l		100
67) Ethyl Benzene	8.934	91	1817939	60.034	ug/l		99
68) m/p-Xylenes	9.059	106	1508955	129.107	ug/l		98
69) o-Xylene	9.468	106	665107	64.270	ug/l		97
70) Styrene	9.484	104	1271498	57.814	ug/l		98
71) Bromoform	9.651	173	351628	62.277	ug/l	#	98
73) Isopropylbenzene	9.853	105	1831320	53.992	ug/l		99
74) N-amyl acetate	9.722	43	723655	53.488	ug/l		96
75) 1,1,2,2-Tetrachloroethane	10.165	83	688542	46.331	ug/l		100
76) 1,2,3-Trichloropropane	10.194	75	492632	46.268	ug/l		99
77) Bromobenzene	10.140	156	468225	53.208	ug/l		95
78) n-propylbenzene	10.275	91	2234110	54.089	ug/l		98
79) 2-Chlorotoluene	10.345	91	1348583	54.565	ug/l		99
80) 1,3,5-Trimethylbenzene	10.461	105	1593104	56.508	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.927	75	232306	52.378	ug/l		96
82) 4-Chlorotoluene	10.461	91	1616280	56.397	ug/l		99
83) tert-Butylbenzene	10.789	119	1488535	52.950	ug/l		98
84) 1,2,4-Trimethylbenzene	10.837	105	1600180	58.464	ug/l		99
85) sec-Butylbenzene	11.011	105	1923460	51.585	ug/l		99
86) p-Isopropyltoluene	11.165	119	1652409	53.245	ug/l		100
87) 1,3-Dichlorobenzene	11.104	146	934365	52.464	ug/l		100
88) 1,4-Dichlorobenzene	11.194	146	980583	50.185	ug/l		99
89) n-Butylbenzene	11.577	91	1558810	52.593	ug/l		99
90) Hexachloroethane	11.818	117	339116	44.374	ug/l		97
91) 1,2-Dichlorobenzene	11.564	146	865428	52.011	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	134431	50.268	ug/l		92
93) 1,2,4-Trichlorobenzene	13.185	180	511938	53.672	ug/l		98
94) Hexachlorobutadiene	13.368	225	219349	44.258	ug/l		99
95) Naphthalene	13.422	128	1812807	58.802	ug/l		100
96) 1,2,3-Trichlorobenzene	13.664	180	536779	55.024	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

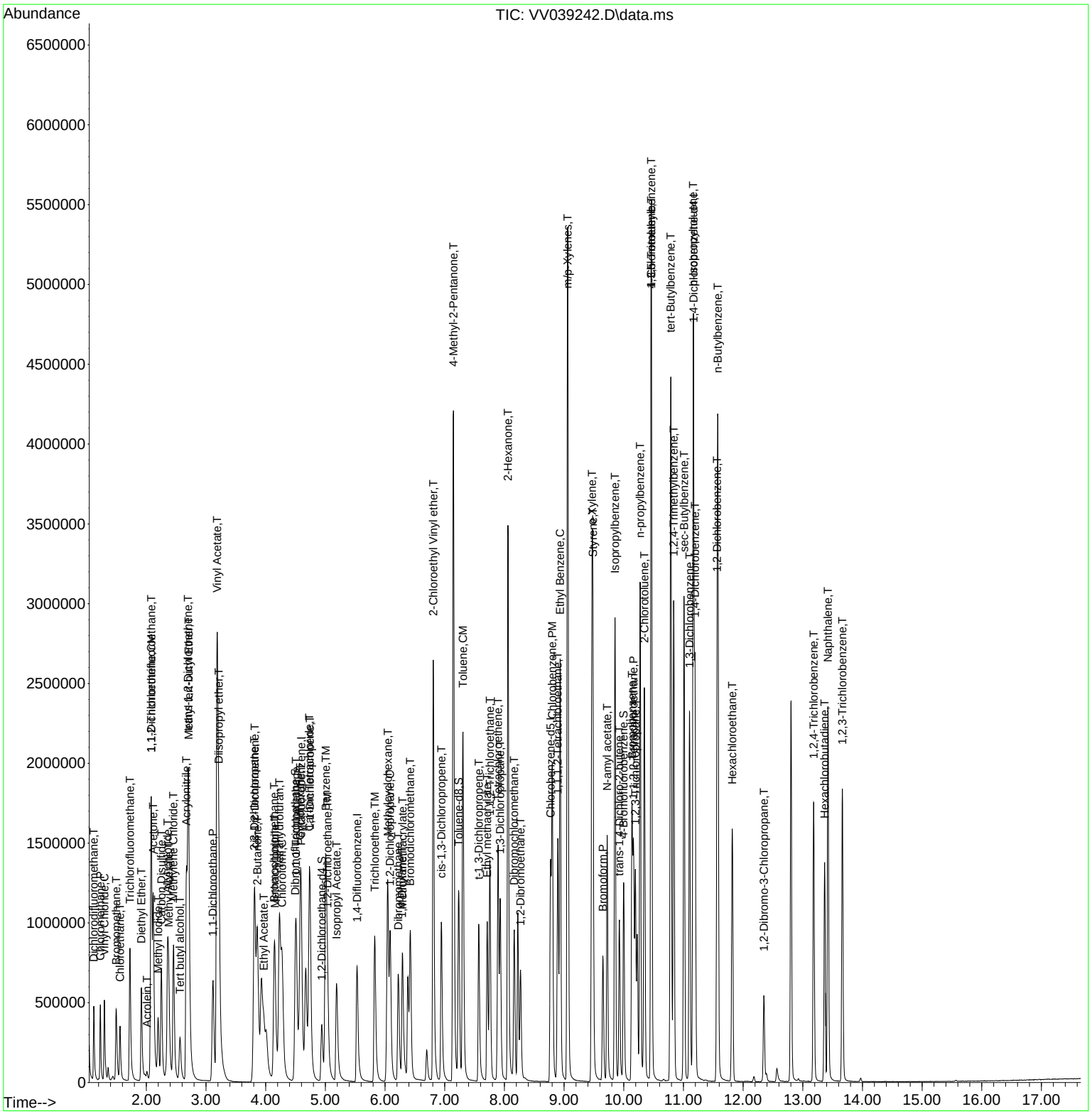
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Sample Results: **VV039242.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	90	0.00
2	T	Dichlorodifluoromethane	0.791	0.678	14.3	82	0.00
3	P	Chloromethane	0.850	0.705	17.1	82	0.00
4	C	Vinyl Chloride	0.910	0.797	12.4#	85	0.00
5	T	Bromomethane	0.573	0.524	8.6	92	0.00
6	T	Chloroethane	0.631	0.533	15.5	90	0.00
7	T	Trichlorofluoromethane	1.317	1.296	1.6	97	0.00
8	T	Diethyl Ether	0.489	0.475	2.9	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.784	0.780	0.5	100	0.00
10	T	Methyl Iodide	0.746	0.854	-14.5	97	0.00
11	T	Tert butyl alcohol	0.153	0.135	11.8	88	0.00
12	CM	1,1-Dichloroethene	0.754	0.737	2.3#	98	0.00
13	T	Acrolein	0.027	0.017	37.0#	57	0.00
14	T	Allyl chloride	1.347	1.215	9.8	88	0.00
15	T	Acrylonitrile	0.490	0.450	8.2	93	0.00
16	T	Acetone	0.523	0.465	11.1	93	0.00
17	T	Carbon Disulfide	2.306	1.914	17.0	82	0.00
18	T	Methyl Acetate	1.072	1.143	-6.6	104	0.00
19	T	Methyl tert-butyl Ether	2.402	2.433	-1.3	98	0.00
20	T	Methylene Chloride	1.066	0.842	21.0#	97	0.00
21	T	trans-1,2-Dichloroethene	0.803	0.776	3.4	96	0.00
22	T	Diisopropyl ether	2.576	2.431	5.6	86	0.00
23	T	Vinyl Acetate	2.254	2.045	9.3	83	0.00
24	P	1,1-Dichloroethane	1.576	1.470	6.7	95	0.00
25	T	2-Butanone	0.579	0.545	5.9	83	0.00
26	T	2,2-Dichloropropane	1.397	1.223	12.5	88	0.00
27	T	cis-1,2-Dichloroethene	0.885	0.850	4.0	88	0.00
28	T	Bromochloromethane	0.696	0.695	0.1	92	0.00
29	T	Tetrahydrofuran	0.363	0.342	5.8	83	0.00
30	C	Chloroform	1.645	1.541	6.3#	93	0.00
31	T	Cyclohexane	1.291	1.058	18.0	76	0.00
32	T	1,1,1-Trichloroethane	1.424	1.326	6.9	92	0.00
33	S	1,2-Dichloroethane-d4	0.724	0.604	16.6	84	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.402	0.442	-10.0	94	0.00
36	T	1,1-Dichloropropene	0.608	0.665	-9.4	86	0.00
37	T	Ethyl Acetate	0.737	0.722	2.0	81	0.00
38	T	Carbon Tetrachloride	0.743	0.816	-9.8	93	0.00
39	T	Methylcyclohexane	0.734	0.753	-2.6	73	0.00
40	TM	Benzene	1.979	2.157	-9.0	87	0.00
41	T	Methacrylonitrile	0.273	0.335	-22.7#	81	0.00
42	TM	1,2-Dichloroethane	0.693	0.737	-6.3	89	0.00
43	T	Isopropyl Acetate	1.005	1.092	-8.7	82	0.00
44	TM	Trichloroethene	0.457	0.530	-16.0	92	0.00
45	C	1,2-Dichloropropane	0.492	0.557	-13.2#	89	0.00
46	T	Dibromomethane	0.376	0.419	-11.4	91	0.00
47	T	Bromodichloromethane	0.778	0.870	-11.8	93	0.00
48	T	Methyl methacrylate	0.456	0.501	-9.9	80	0.00

Sample Results: **VV039242.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.008	-14.3	81	0.00
50	S	Toluene-d8	1.181	1.194	-1.1	84	0.00
51	T	4-Methyl-2-Pentanone	0.661	0.770	-16.5	84	0.00
52	CM	Toluene	1.147	1.390	-21.2#	91	0.00
53	T	t-1,3-Dichloropropene	0.678	0.811	-19.6	89	0.00
54	T	cis-1,3-Dichloropropene	0.749	0.891	-19.0	88	0.00
55	T	1,1,2-Trichloroethane	0.514	0.596	-16.0	97	0.00
56	T	Ethyl methacrylate	0.611	0.775	-26.8#	87	0.00
57	T	1,3-Dichloropropane	0.812	0.941	-15.9	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.267	0.332	-24.3#	75	0.00
59	T	2-Hexanone	0.463	0.579	-25.1#	85	0.00
60	T	Dibromochloromethane	0.586	0.698	-19.1	99	0.00
61	T	1,2-Dibromoethane	0.526	0.621	-18.1	94	0.00
62	S	4-Bromofluorobenzene	0.486	0.586	-20.6#	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.419	0.472	-12.6	95	0.00
65	PM	Chlorobenzene	1.393	1.546	-11.0	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.503	0.582	-15.7	99	0.00
67	C	Ethyl Benzene	2.108	2.531	-20.1#	88	0.00
68	T	m/p-Xylenes	0.814	1.051	-29.1#	92	0.00
69	T	o-Xylene	0.720	0.926	-28.6#	91	0.00
70	T	Styrene	1.263	1.770	-40.1#	95	0.00
71	P	Bromoform	0.393	0.490	-24.7#	103	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.627	3.916	-8.0	90	0.00
74	T	N-amyl acetate	1.447	1.547	-6.9	84	0.00
75	P	1,1,2,2-Tetrachloroethane	1.589	1.472	7.4	94	0.00
76	T	1,2,3-Trichloropropane	1.138	1.053	7.5	91	0.00
77	T	Bromobenzene	0.941	1.001	-6.4	98	0.00
78	T	n-propylbenzene	4.416	4.777	-8.2	88	0.00
79	T	2-Chlorotoluene	2.643	2.884	-9.1	92	0.00
80	T	1,3,5-Trimethylbenzene	3.014	3.407	-13.0	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.474	0.497	-4.9	91	0.00
82	T	4-Chlorotoluene	3.064	3.456	-12.8	94	0.00
83	T	tert-Butylbenzene	3.006	3.183	-5.9	89	0.00
84	T	1,2,4-Trimethylbenzene	2.926	3.422	-17.0	92	0.00
85	T	sec-Butylbenzene	3.987	4.113	-3.2	85	0.00
86	T	p-Isopropyltoluene	3.318	3.534	-6.5	87	0.00
87	T	1,3-Dichlorobenzene	1.904	1.998	-4.9	97	0.00
88	T	1,4-Dichlorobenzene	2.089	2.097	-0.4	98	0.00
89	T	n-Butylbenzene	3.169	3.333	-5.2	84	0.00
90	T	Hexachloroethane	0.817	0.725	11.3	90	0.00
91	T	1,2-Dichlorobenzene	1.779	1.851	-4.0	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.287	13.0	91	0.00
93	T	1,2,4-Trichlorobenzene	1.020	1.095	-7.4	92	0.00
94	T	Hexachlorobutadiene	0.530	0.469	11.5	89	0.00
95	T	Naphthalene	3.296	3.877	-17.6	92	0.00

Sample Results: **VV039242.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.043	1.148	-10.1	94	0.00

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

Sample Results: **VV039242.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	90	0.00
2	T	Dichlorodifluoromethane	50.000	42.846	14.3	82	0.00
3	P	Chloromethane	50.000	41.489	17.0	82	0.00
4	C	Vinyl Chloride	50.000	43.819	12.4#	85	0.00
5	T	Bromomethane	50.000	45.671	8.7	92	0.00
6	T	Chloroethane	50.000	49.756	0.5	90	0.00
7	T	Trichlorofluoromethane	50.000	49.210	1.6	97	0.00
8	T	Diethyl Ether	50.000	48.601	2.8	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.765	0.5	100	0.00
10	T	Methyl Iodide	50.000	57.201	-14.4	97	0.00
11	T	Tert butyl alcohol	250.000	220.472	11.8	88	0.00
12	CM	1,1-Dichloroethene	50.000	48.853	2.3#	98	0.00
13	T	Acrolein	250.000	158.748	36.5#	57	0.00
14	T	Allyl chloride	50.000	45.110	9.8	88	0.00
15	T	Acrylonitrile	250.000	229.692	8.1	93	0.00
16	T	Acetone	250.000	261.128	-4.5	93	0.00
17	T	Carbon Disulfide	50.000	41.510	17.0	82	0.00
18	T	Methyl Acetate	50.000	53.306	-6.6	104	0.00
19	T	Methyl tert-butyl Ether	50.000	50.644	-1.3	98	0.00
20	T	Methylene Chloride	50.000	54.174	-8.3	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.346	3.3	96	0.00
22	T	Diisopropyl ether	50.000	47.173	5.7	86	0.00
23	T	Vinyl Acetate	250.000	226.848	9.3	83	0.00
24	P	1,1-Dichloroethane	50.000	46.651	6.7	95	0.00
25	T	2-Butanone	250.000	235.085	6.0	83	0.00
26	T	2,2-Dichloropropane	50.000	43.784	12.4	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.015	4.0	88	0.00
28	T	Bromochloromethane	50.000	49.928	0.1	92	0.00
29	T	Tetrahydrofuran	250.000	235.626	5.7	83	0.00
30	C	Chloroform	50.000	46.845	6.3#	93	0.00
31	T	Cyclohexane	50.000	40.990	18.0	76	0.00
32	T	1,1,1-Trichloroethane	50.000	46.532	6.9	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.751	16.5	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	55.012	-10.0	94	0.00
36	T	1,1-Dichloropropene	50.000	54.703	-9.4	86	0.00
37	T	Ethyl Acetate	50.000	48.933	2.1	81	0.00
38	T	Carbon Tetrachloride	50.000	54.914	-9.8	93	0.00
39	T	Methylcyclohexane	50.000	51.283	-2.6	73	0.00
40	TM	Benzene	50.000	54.504	-9.0	87	0.00
41	T	Methacrylonitrile	50.000	50.227	-0.5	81	0.00
42	TM	1,2-Dichloroethane	50.000	53.160	-6.3	89	0.00
43	T	Isopropyl Acetate	50.000	54.281	-8.6	82	0.00
44	TM	Trichloroethene	50.000	57.993	-16.0	92	0.00
45	C	1,2-Dichloropropane	50.000	56.590	-13.2#	89	0.00
46	T	Dibromomethane	50.000	55.683	-11.4	91	0.00
47	T	Bromodichloromethane	50.000	55.859	-11.7	93	0.00
48	T	Methyl methacrylate	50.000	55.003	-10.0	80	0.00

Sample Results: **VV039242.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1030.978	-3.1	81	0.00
50	S	Toluene-d8	50.000	50.551	-1.1	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.997	-16.4	84	0.00
52	CM	Toluene	50.000	60.564	-21.1#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	59.756	-19.5	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.500	-19.0	88	0.00
55	T	1,1,2-Trichloroethane	50.000	57.949	-15.9	97	0.00
56	T	Ethyl methacrylate	50.000	63.413	-26.8#	87	0.00
57	T	1,3-Dichloropropane	50.000	57.955	-15.9	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.718	3.7	75	0.00
59	T	2-Hexanone	250.000	270.676	-8.3	85	0.00
60	T	Dibromochloromethane	50.000	59.550	-19.1	99	0.00
61	T	1,2-Dibromoethane	50.000	59.030	-18.1	94	0.00
62	S	4-Bromofluorobenzene	50.000	60.326	-20.7#	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	56.385	-12.8	95	0.00
65	PM	Chlorobenzene	50.000	55.521	-11.0	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.876	-15.8	99	0.00
67	C	Ethyl Benzene	50.000	60.034	-20.1#	88	0.00
68	T	m/p-Xylenes	100.000	129.107	-29.1#	92	0.00
69	T	o-Xylene	50.000	64.270	-28.5#	91	0.00
70	T	Styrene	50.000	57.814	-15.6	95	0.00
71	P	Bromoform	50.000	62.277	-24.6#	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	53.992	-8.0	90	0.00
74	T	N-amyl acetate	50.000	53.488	-7.0	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.331	7.3	94	0.00
76	T	1,2,3-Trichloropropane	50.000	46.268	7.5	91	0.00
77	T	Bromobenzene	50.000	53.208	-6.4	98	0.00
78	T	n-propylbenzene	50.000	54.089	-8.2	88	0.00
79	T	2-Chlorotoluene	50.000	54.565	-9.1	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.508	-13.0	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.378	-4.8	91	0.00
82	T	4-Chlorotoluene	50.000	56.397	-12.8	94	0.00
83	T	tert-Butylbenzene	50.000	52.950	-5.9	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.464	-16.9	92	0.00
85	T	sec-Butylbenzene	50.000	51.585	-3.2	85	0.00
86	T	p-Isopropyltoluene	50.000	53.245	-6.5	87	0.00
87	T	1,3-Dichlorobenzene	50.000	52.464	-4.9	97	0.00
88	T	1,4-Dichlorobenzene	50.000	50.185	-0.4	98	0.00
89	T	n-Butylbenzene	50.000	52.593	-5.2	84	0.00
90	T	Hexachloroethane	50.000	44.374	11.3	90	0.00
91	T	1,2-Dichlorobenzene	50.000	52.011	-4.0	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.268	-0.5	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.672	-7.3	92	0.00
94	T	Hexachlorobutadiene	50.000	44.258	11.5	89	0.00
95	T	Naphthalene	50.000	58.802	-17.6	92	0.00

Sample Results: **VV039242.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039242.D
Acq On : 03 Oct 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 07:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.024	-10.0	94	0.00

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

Raw Data: **VV039265.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	M2AS01
Lab Code:	ACE	SDG No.:	Q3201
Instrument ID:	MSVOA_V	Calibration Date/Time:	10/06/2025 11:46
Lab File ID:	VV039265.D	Init. Calib. Date(s):	09/22/2025 09/22/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:26 16:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.792	0.589		-25.63	20
Chloromethane	0.850	0.614	0.1	-27.76	20
Vinyl Chloride	0.910	0.729		-19.89	20
Bromomethane	0.573	0.454		-20.77	20
Chloroethane	0.631	0.482		-23.61	20
Trichlorofluoromethane	1.317	1.128		-14.35	20
1,1,2-Trichlorotrifluoroethane	0.784	0.701		-10.59	20
Tert butyl alcohol	0.153	0.159		3.92	20
1,1-Dichloroethene	0.754	0.655		-13.13	20
Acetone	0.523	0.426		-18.55	20
Carbon Disulfide	2.306	1.698		-26.37	20
Methyl tert-butyl Ether	2.402	2.436		1.41	20
Methyl Acetate	1.072	1.199		11.85	20
Methylene Chloride	1.066	0.783		-26.55	20
trans-1,2-Dichloroethene	0.803	0.692		-13.82	20
1,1-Dichloroethane	1.576	1.357	0.1	-13.9	20
Cyclohexane	1.291	1.000		-22.54	20
2-Butanone	0.579	0.565		-2.42	20
Carbon Tetrachloride	0.743	0.660		-11.17	20
cis-1,2-Dichloroethene	0.885	0.852		-3.73	20
Bromochloromethane	0.696	0.639		-8.19	20
Chloroform	1.645	1.436		-12.7	20
1,1,1-Trichloroethane	1.424	1.201		-15.66	20
Methylcyclohexane	0.734	0.658		-10.35	20
Benzene	1.979	1.845		-6.77	20
1,2-Dichloroethane	0.693	0.637		-8.08	20
Trichloroethene	0.457	0.456		-0.22	20
1,2-Dichloropropane	0.492	0.476		-3.25	20
Bromodichloromethane	0.778	0.743		-4.5	20
4-Methyl-2-Pentanone	0.661	0.713		7.87	20
Toluene	1.147	1.171		2.09	20
t-1,3-Dichloropropene	0.678	0.734		8.26	20
cis-1,3-Dichloropropene	0.749	0.786		4.94	20
1,1,2-Trichloroethane	0.514	0.508		-1.17	20
2-Hexanone	0.463	0.535		15.55	20
Dibromochloromethane	0.586	0.602		2.73	20
1,2-Dibromoethane	0.526	0.549		4.37	20
Tetrachloroethene	0.419	0.393		-6.2	20

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

Raw Data: **VV039265.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	M2AS01
Lab Code:	ACE	SDG No.:	Q3201
Instrument ID:	MSVOA_V	Calibration Date/Time:	10/06/2025 11:46
Lab File ID:	VV039265.D	Init. Calib. Date(s):	09/22/2025 09/22/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:26 16:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.393	1.369	0.3	-1.72	20
Ethyl Benzene	2.108	2.229		5.74	20
m/p-Xylenes	0.814	0.895		9.95	20
o-Xylene	0.720	0.826		14.72	20
Styrene	1.263	1.504		19.08	20
Bromoform	0.393	0.433	0.1	10.18	20
Isopropylbenzene	3.627	3.696		1.9	20
1,1,2,2-Tetrachloroethane	1.589	1.415	0.3	-10.95	20
1,3-Dichlorobenzene	1.904	1.856		-2.52	20
1,4-Dichlorobenzene	2.089	1.920		-8.09	20
1,2-Dichlorobenzene	1.779	1.762		-0.96	20
1,2-Dibromo-3-Chloropropane	0.330	0.311		-5.76	20
1,2,4-Trichlorobenzene	1.020	1.084		6.28	20
1,2,3-Trichlorobenzene	1.043	1.124		7.77	20
1,2-Dichloroethane-d4	0.724	0.551		-23.9	20
Dibromofluoromethane	0.402	0.352		-12.44	20
Toluene-d8	1.181	0.939		-20.49	20
4-Bromofluorobenzene	0.486	0.476		-2.06	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\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	549792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	857645	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	835774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	504333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	302786	38.052	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 76.100%#			
35) Dibromofluoromethane	4.497	113	301779	43.769	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 87.540%			
50) Toluene-d8	7.233	98	805345	39.770	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 79.540%#			
62) 4-Bromofluorobenzene	10.001	95	408519	49.004	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	323689	37.192	ug/l	99
3) Chloromethane	1.230	50	337465	36.119	ug/l	98
4) Vinyl Chloride	1.294	62	400582	40.049	ug/l	98
5) Bromomethane	1.494	94	249377	39.549	ug/l	97
6) Chloroethane	1.558	64	264887	44.605	ug/l	96
7) Trichlorofluoromethane	1.722	101	619926	42.808	ug/l	100
8) Diethyl Ether	1.918	74	255778	47.577	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	385389	44.726	ug/l	95
10) Methyl Iodide	2.195	142	400060	48.755	ug/l	99
11) Tert butyl alcohol	2.568	59	436543	259.575	ug/l	98
12) 1,1-Dichloroethene	2.079	96	360329	43.469	ug/l	92
13) Acrolein	2.008	56	30629	104.958	ug/l	100
14) Allyl chloride	2.355	41	622805	42.061	ug/l	95
15) Acrylonitrile	2.670	53	1257503	233.253	ug/l	99
16) Acetone	2.117	43	1171921	237.359	ug/l	97
17) Carbon Disulfide	2.249	76	933272	36.813	ug/l	99
18) Methyl Acetate	2.378	43	659318	55.923	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	1339522	50.711	ug/l	99
20) Methylene Chloride	2.455	84	430339	50.055	ug/l	93
21) trans-1,2-Dichloroethene	2.699	96	380379	43.104	ug/l	95
22) Diisopropyl ether	3.214	45	1298338	45.828	ug/l	98
23) Vinyl Acetate	3.185	43	5610837	226.398	ug/l	96
24) 1,1-Dichloroethane	3.114	63	746285	43.076	ug/l	99
25) 2-Butanone	3.863	43	1553352	243.785	ug/l	95
26) 2,2-Dichloropropane	3.809	77	627429	40.844	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	468541	48.141	ug/l	95
28) Bromochloromethane	4.143	49	351114	45.907	ug/l	88
29) Tetrahydrofuran	4.233	42	973295	244.039	ug/l	94
30) Chloroform	4.275	83	789323	43.631	ug/l	98
31) Cyclohexane	4.580	56	550038	38.756	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	660090	42.146	ug/l	97
36) 1,1-Dichloropropene	4.741	75	478564	45.909	ug/l	98
37) Ethyl Acetate	3.973	43	581548	45.976	ug/l	96
38) Carbon Tetrachloride	4.731	117	565995	44.427	ug/l	99
39) Methylcyclohexane	6.043	83	564616	44.851	ug/l	99
40) Benzene	5.005	78	1582483	46.619	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.156	41	280245	49.040	ug/l		97
42) 1,2-Dichloroethane	5.037	62	546666	45.962	ug/l		98
43) Isopropyl Acetate	5.191	43	902941	52.355	ug/l		97
44) Trichloroethene	5.828	130	390848	49.898	ug/l		99
45) 1,2-Dichloropropane	6.088	63	408500	48.416	ug/l		96
46) Dibromomethane	6.220	93	314950	48.771	ug/l		95
47) Bromodichloromethane	6.423	83	636905	47.707	ug/l		99
48) Methyl methacrylate	6.294	41	421117	53.865	ug/l		96
49) 1,4-Dioxane	6.288	88	136049	1078.345	ug/l		99
51) 4-Methyl-2-Pentanone	7.146	43	3057521	269.475	ug/l		96
52) Toluene	7.307	92	1004223	51.024	ug/l		98
53) t-1,3-Dichloropropene	7.571	75	629695	54.123	ug/l		99
54) cis-1,3-Dichloropropene	6.944	75	674364	52.504	ug/l		98
55) 1,1,2-Trichloroethane	7.757	97	435801	49.383	ug/l		97
56) Ethyl methacrylate	7.712	69	638805	60.954	ug/l		94
57) 1,3-Dichloropropane	7.931	76	706676	50.741	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.809	63	1279697	217.553	ug/l		96
59) 2-Hexanone	8.063	43	2293667	250.435	ug/l		96
60) Dibromochloromethane	8.165	129	516377	51.353	ug/l		98
61) 1,2-Dibromoethane	8.272	107	471143	52.204	ug/l		100
64) Tetrachloroethene	7.895	164	328056	46.863	ug/l		98
65) Chlorobenzene	8.802	112	1143852	49.135	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.895	131	421369	50.093	ug/l		99
67) Ethyl Benzene	8.934	91	1862581	52.855	ug/l		99
68) m/p-Xylenes	9.063	106	1495995	109.991	ug/l		99
69) o-Xylene	9.468	106	690515	57.338	ug/l		98
70) Styrene	9.484	104	1256996	49.291	ug/l		99
71) Bromoform	9.654	173	361910	55.081	ug/l	#	98
73) Isopropylbenzene	9.853	105	1863985	50.957	ug/l		100
74) N-amyl acetate	9.722	43	796598	54.596	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.165	83	713835	44.538	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	545118	47.472	ug/l		99
77) Bromobenzene	10.140	156	473039	49.844	ug/l		97
78) n-propylbenzene	10.275	91	2204597	49.491	ug/l		98
79) 2-Chlorotoluene	10.345	91	1338447	50.215	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	1575301	51.812	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.927	75	237340	49.620	ug/l		96
82) 4-Chlorotoluene	10.461	91	1595846	51.633	ug/l		99
83) tert-Butylbenzene	10.789	119	1547264	51.035	ug/l		98
84) 1,2,4-Trimethylbenzene	10.837	105	1577047	53.427	ug/l		100
85) sec-Butylbenzene	11.011	105	1936690	48.161	ug/l		99
86) p-Isopropyltoluene	11.165	119	1658509	49.553	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	936013	48.732	ug/l		99
88) 1,4-Dichlorobenzene	11.194	146	968179	45.946	ug/l		99
89) n-Butylbenzene	11.580	91	1549035	48.461	ug/l		99
90) Hexachloroethane	11.818	117	325719	39.520	ug/l		96
91) 1,2-Dichlorobenzene	11.567	146	888560	49.516	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	156615	54.101	ug/l		96
93) 1,2,4-Trichlorobenzene	13.185	180	546603	53.137	ug/l		99
94) Hexachlorobutadiene	13.368	225	208537	39.015	ug/l		100
95) Naphthalene	13.422	128	1981547	59.599	ug/l		100
96) 1,2,3-Trichlorobenzene	13.664	180	566894	53.883	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

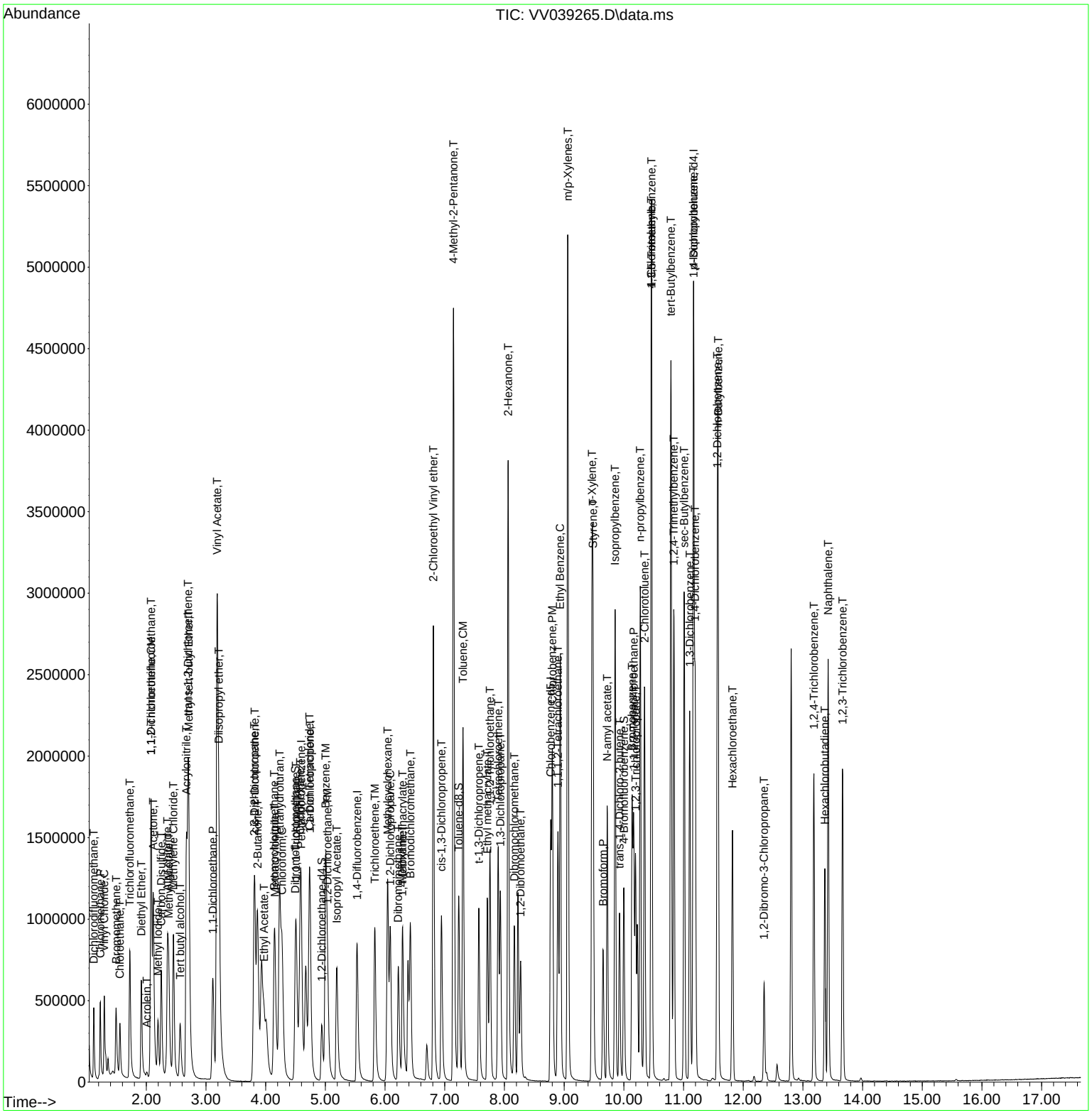
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Sample Results: **VV039265.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	0.791	0.589	25.5#	78	0.00
3	P	Chloromethane	0.850	0.614	27.8#	78	0.00
4	C	Vinyl Chloride	0.910	0.729	19.9#	85	0.00
5	T	Bromomethane	0.573	0.454	20.8#	87	0.00
6	T	Chloroethane	0.631	0.482	23.6#	88	0.00
7	T	Trichlorofluoromethane	1.317	1.128	14.4	92	0.00
8	T	Diethyl Ether	0.489	0.465	4.9	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.784	0.701	10.6	97	0.00
10	T	Methyl Iodide	0.746	0.728	2.4	90	0.00
11	T	Tert butyl alcohol	0.153	0.159	-3.9	113	0.00
12	CM	1,1-Dichloroethene	0.754	0.655	13.1#	95	0.00
13	T	Acrolein	0.027	0.011	59.3#	41#	0.00
14	T	Allyl chloride	1.347	1.133	15.9	89	0.00
15	T	Acrylonitrile	0.490	0.457	6.7	102	0.00
16	T	Acetone	0.523	0.426	18.5	93	0.00
17	T	Carbon Disulfide	2.306	1.698	26.4#	80	0.00
18	T	Methyl Acetate	1.072	1.199	-11.8	119	0.00
19	T	Methyl tert-butyl Ether	2.402	2.436	-1.4	106	0.00
20	T	Methylene Chloride	1.066	0.783	26.5#	98	0.00
21	T	trans-1,2-Dichloroethene	0.803	0.692	13.8	93	0.00
22	T	Diisopropyl ether	2.576	2.362	8.3	91	0.00
23	T	Vinyl Acetate	2.254	2.041	9.4	90	0.00
24	P	1,1-Dichloroethane	1.576	1.357	13.9	95	0.00
25	T	2-Butanone	0.579	0.565	2.4	94	0.00
26	T	2,2-Dichloropropane	1.397	1.141	18.3	90	0.00
27	T	cis-1,2-Dichloroethene	0.885	0.852	3.7	96	0.00
28	T	Bromochloromethane	0.696	0.639	8.2	92	0.00
29	T	Tetrahydrofuran	0.363	0.354	2.5	94	0.00
30	C	Chloroform	1.645	1.436	12.7#	94	0.00
31	T	Cyclohexane	1.291	1.000	22.5#	78	0.00
32	T	1,1,1-Trichloroethane	1.424	1.201	15.7	90	0.00
33	S	1,2-Dichloroethane-d4	0.724	0.551	23.9#	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35	S	Dibromofluoromethane	0.402	0.352	12.4	89	0.00
36	T	1,1-Dichloropropene	0.608	0.558	8.2	86	0.00
37	T	Ethyl Acetate	0.737	0.678	8.0	91	0.00
38	T	Carbon Tetrachloride	0.743	0.660	11.2	90	0.00
39	T	Methylcyclohexane	0.734	0.658	10.4	77	0.00
40	TM	Benzene	1.979	1.845	6.8	89	0.00
41	T	Methacrylonitrile	0.273	0.327	-19.8	95	0.00
42	TM	1,2-Dichloroethane	0.693	0.637	8.1	92	0.00
43	T	Isopropyl Acetate	1.005	1.053	-4.8	94	0.00
44	TM	Trichloroethene	0.457	0.456	0.2	94	0.00
45	C	1,2-Dichloropropane	0.492	0.476	3.3#	91	0.00
46	T	Dibromomethane	0.376	0.367	2.4	96	0.00
47	T	Bromodichloromethane	0.778	0.743	4.5	95	0.00
48	T	Methyl methacrylate	0.456	0.491	-7.7	94	0.00

Sample Results: **VV039265.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.008	-14.3	102	0.00
50	S	Toluene-d8	1.181	0.939	20.5#	79	0.00
51	T	4-Methyl-2-Pentanone	0.661	0.713	-7.9	93	0.00
52	CM	Toluene	1.147	1.171	-2.1#	91	0.00
53	T	t-1,3-Dichloropropene	0.678	0.734	-8.3	97	0.00
54	T	cis-1,3-Dichloropropene	0.749	0.786	-4.9	93	0.00
55	T	1,1,2-Trichloroethane	0.514	0.508	1.2	99	0.00
56	T	Ethyl methacrylate	0.611	0.745	-21.9#	100	0.00
57	T	1,3-Dichloropropane	0.812	0.824	-1.5	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.267	0.298	-11.6	81	0.00
59	T	2-Hexanone	0.463	0.535	-15.6	94	0.00
60	T	Dibromochloromethane	0.586	0.602	-2.7	102	0.00
61	T	1,2-Dibromoethane	0.526	0.549	-4.4	100	0.00
62	S	4-Bromofluorobenzene	0.486	0.476	2.1	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.419	0.393	6.2	92	0.00
65	PM	Chlorobenzene	1.393	1.369	1.7	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.503	0.504	-0.2	100	0.00
67	C	Ethyl Benzene	2.108	2.229	-5.7#	91	0.00
68	T	m/p-Xylenes	0.814	0.895	-10.0	91	0.00
69	T	o-Xylene	0.720	0.826	-14.7	95	0.00
70	T	Styrene	1.263	1.504	-19.1	94	0.00
71	P	Bromoform	0.393	0.433	-10.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.627	3.696	-1.9	92	0.00
74	T	N-amyl acetate	1.447	1.580	-9.2	92	0.00
75	P	1,1,2,2-Tetrachloroethane	1.589	1.415	11.0	97	0.00
76	T	1,2,3-Trichloropropane	1.138	1.081	5.0	101	0.00
77	T	Bromobenzene	0.941	0.938	0.3	99	0.00
78	T	n-propylbenzene	4.416	4.371	1.0	87	0.00
79	T	2-Chlorotoluene	2.643	2.654	-0.4	92	0.00
80	T	1,3,5-Trimethylbenzene	3.014	3.124	-3.6	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.474	0.471	0.6	93	0.00
82	T	4-Chlorotoluene	3.064	3.164	-3.3	93	0.00
83	T	tert-Butylbenzene	3.006	3.068	-2.1	93	0.00
84	T	1,2,4-Trimethylbenzene	2.926	3.127	-6.9	90	0.00
85	T	sec-Butylbenzene	3.987	3.840	3.7	86	0.00
86	T	p-Isopropyltoluene	3.318	3.289	0.9	87	0.00
87	T	1,3-Dichlorobenzene	1.904	1.856	2.5	98	0.00
88	T	1,4-Dichlorobenzene	2.089	1.920	8.1	97	0.00
89	T	n-Butylbenzene	3.169	3.071	3.1	83	0.00
90	T	Hexachloroethane	0.817	0.646	20.9#	87	0.00
91	T	1,2-Dichlorobenzene	1.779	1.762	1.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.311	5.8	106	0.00
93	T	1,2,4-Trichlorobenzene	1.020	1.084	-6.3	98	0.00
94	T	Hexachlorobutadiene	0.530	0.413	22.1#	84	0.00
95	T	Naphthalene	3.296	3.929	-19.2	101	0.00

Sample Results: **VV039265.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.043	1.124	-7.8	99	0.00

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

Sample Results: **VV039265.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	50.000	37.192	25.6#	78	0.00
3	P	Chloromethane	50.000	36.119	27.8#	78	0.00
4	C	Vinyl Chloride	50.000	40.049	19.9#	85	0.00
5	T	Bromomethane	50.000	39.549	20.9#	87	0.00
6	T	Chloroethane	50.000	44.605	10.8	88	0.00
7	T	Trichlorofluoromethane	50.000	42.808	14.4	92	0.00
8	T	Diethyl Ether	50.000	47.577	4.8	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.726	10.5	97	0.00
10	T	Methyl Iodide	50.000	48.755	2.5	90	0.00
11	T	Tert butyl alcohol	250.000	259.575	-3.8	113	0.00
12	CM	1,1-Dichloroethene	50.000	43.469	13.1#	95	0.00
13	T	Acrolein	250.000	104.958	58.0#	41	0.00
14	T	Allyl chloride	50.000	42.061	15.9	89	0.00
15	T	Acrylonitrile	250.000	233.253	6.7	102	0.00
16	T	Acetone	250.000	237.359	5.1	93	0.00
17	T	Carbon Disulfide	50.000	36.813	26.4#	80	0.00
18	T	Methyl Acetate	50.000	55.923	-11.8	119	0.00
19	T	Methyl tert-butyl Ether	50.000	50.711	-1.4	106	0.00
20	T	Methylene Chloride	50.000	50.055	-0.1	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.104	13.8	93	0.00
22	T	Diisopropyl ether	50.000	45.828	8.3	91	0.00
23	T	Vinyl Acetate	250.000	226.398	9.4	90	0.00
24	P	1,1-Dichloroethane	50.000	43.076	13.8	95	0.00
25	T	2-Butanone	250.000	243.785	2.5	94	0.00
26	T	2,2-Dichloropropane	50.000	40.844	18.3	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.141	3.7	96	0.00
28	T	Bromochloromethane	50.000	45.907	8.2	92	0.00
29	T	Tetrahydrofuran	250.000	244.039	2.4	94	0.00
30	C	Chloroform	50.000	43.631	12.7#	94	0.00
31	T	Cyclohexane	50.000	38.756	22.5#	78	0.00
32	T	1,1,1-Trichloroethane	50.000	42.146	15.7	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	38.052	23.9#	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	43.769	12.5	89	0.00
36	T	1,1-Dichloropropene	50.000	45.909	8.2	86	0.00
37	T	Ethyl Acetate	50.000	45.976	8.0	91	0.00
38	T	Carbon Tetrachloride	50.000	44.427	11.1	90	0.00
39	T	Methylcyclohexane	50.000	44.851	10.3	77	0.00
40	TM	Benzene	50.000	46.619	6.8	89	0.00
41	T	Methacrylonitrile	50.000	49.040	1.9	95	0.00
42	TM	1,2-Dichloroethane	50.000	45.962	8.1	92	0.00
43	T	Isopropyl Acetate	50.000	52.355	-4.7	94	0.00
44	TM	Trichloroethene	50.000	49.898	0.2	94	0.00
45	C	1,2-Dichloropropane	50.000	48.416	3.2#	91	0.00
46	T	Dibromomethane	50.000	48.771	2.5	96	0.00
47	T	Bromodichloromethane	50.000	47.707	4.6	95	0.00
48	T	Methyl methacrylate	50.000	53.865	-7.7	94	0.00

Sample Results: **VV039265.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1078.345	-7.8	102	0.00
50	S	Toluene-d8	50.000	39.770	20.5#	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.475	-7.8	93	0.00
52	CM	Toluene	50.000	51.024	-2.0#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	54.123	-8.2	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.504	-5.0	93	0.00
55	T	1,1,2-Trichloroethane	50.000	49.383	1.2	99	0.00
56	T	Ethyl methacrylate	50.000	60.954	-21.9#	100	0.00
57	T	1,3-Dichloropropane	50.000	50.741	-1.5	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	217.553	13.0	81	0.00
59	T	2-Hexanone	250.000	250.435	-0.2	94	0.00
60	T	Dibromochloromethane	50.000	51.353	-2.7	102	0.00
61	T	1,2-Dibromoethane	50.000	52.204	-4.4	100	0.00
62	S	4-Bromofluorobenzene	50.000	49.004	2.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	46.863	6.3	92	0.00
65	PM	Chlorobenzene	50.000	49.135	1.7	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.093	-0.2	100	0.00
67	C	Ethyl Benzene	50.000	52.855	-5.7#	91	0.00
68	T	m/p-Xylenes	100.000	109.991	-10.0	91	0.00
69	T	o-Xylene	50.000	57.338	-14.7	95	0.00
70	T	Styrene	50.000	49.291	1.4	94	0.00
71	P	Bromoform	50.000	55.081	-10.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	50.957	-1.9	92	0.00
74	T	N-amyl acetate	50.000	54.596	-9.2	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.538	10.9	97	0.00
76	T	1,2,3-Trichloropropane	50.000	47.472	5.1	101	0.00
77	T	Bromobenzene	50.000	49.844	0.3	99	0.00
78	T	n-propylbenzene	50.000	49.491	1.0	87	0.00
79	T	2-Chlorotoluene	50.000	50.215	-0.4	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.812	-3.6	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.620	0.8	93	0.00
82	T	4-Chlorotoluene	50.000	51.633	-3.3	93	0.00
83	T	tert-Butylbenzene	50.000	51.035	-2.1	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.427	-6.9	90	0.00
85	T	sec-Butylbenzene	50.000	48.161	3.7	86	0.00
86	T	p-Isopropyltoluene	50.000	49.553	0.9	87	0.00
87	T	1,3-Dichlorobenzene	50.000	48.732	2.5	98	0.00
88	T	1,4-Dichlorobenzene	50.000	45.946	8.1	97	0.00
89	T	n-Butylbenzene	50.000	48.461	3.1	83	0.00
90	T	Hexachloroethane	50.000	39.520	21.0#	87	0.00
91	T	1,2-Dichlorobenzene	50.000	49.516	1.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.101	-8.2	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.137	-6.3	98	0.00
94	T	Hexachlorobutadiene	50.000	39.015	22.0#	84	0.00
95	T	Naphthalene	50.000	59.599	-19.2	101	0.00

Sample Results: **VV039265.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.883	-7.8	99	0.00

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

Raw Data: **VX048009.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_X
Calibration Date/Time: 10/06/2025 08:54
Lab File ID: VX048009.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.605		16.8	20
Chloromethane	0.680	0.636	0.1	-6.47	20
Vinyl Chloride	0.666	0.691		3.75	20
Bromomethane	0.422	0.421		-0.24	20
Chloroethane	0.445	0.444		-0.22	20
Trichlorofluoromethane	0.989	1.092		10.41	20
1,1,2-Trichlorotrifluoroethane	0.578	0.657		13.67	20
Tert butyl alcohol	0.089	0.070		-21.35	20
1,1-Dichloroethene	0.594	0.601		1.18	20
Acetone	0.346	0.342		-1.16	20
Carbon Disulfide	1.626	1.517		-6.7	20
Methyl tert-butyl Ether	2.169	2.043		-5.81	20
Methyl Acetate	0.770	0.794		3.12	20
Methylene Chloride	0.732	0.697		-4.78	20
trans-1,2-Dichloroethene	0.640	0.623		-2.66	20
1,1-Dichloroethane	1.263	1.250	0.1	-1.03	20
Cyclohexane	1.052	0.962		-8.56	20
2-Butanone	0.432	0.396		-8.33	20
Carbon Tetrachloride	0.532	0.573		7.71	20
cis-1,2-Dichloroethene	0.783	0.750		-4.22	20
Bromochloromethane	0.551	0.549		-0.36	20
Chloroform	1.276	1.253		-1.8	20
1,1,1-Trichloroethane	1.082	1.094		1.11	20
Methylcyclohexane	0.556	0.563		1.26	20
Benzene	1.488	1.493		0.34	20
1,2-Dichloroethane	0.566	0.554		-2.12	20
Trichloroethene	0.360	0.368		2.22	20
1,2-Dichloropropane	0.381	0.395		3.67	20
Bromodichloromethane	0.572	0.607		6.12	20
4-Methyl-2-Pentanone	0.477	0.457		-4.19	20
Toluene	0.917	0.910		-0.76	20
t-1,3-Dichloropropene	0.584	0.576		-1.37	20
cis-1,3-Dichloropropene	0.624	0.627		0.48	20
1,1,2-Trichloroethane	0.354	0.355		0.28	20
2-Hexanone	0.343	0.319		-7	20
Dibromochloromethane	0.407	0.436		7.13	20
1,2-Dibromoethane	0.360	0.364		1.11	20
Tetrachloroethene	0.326	0.330		1.23	20

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

Raw Data: **VX048009.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_X
Calibration Date/Time: 10/06/2025 08:54
Lab File ID: VX048009.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.136	1.153	0.3	1.5	20
Ethyl Benzene	1.960	1.991		1.58	20
m/p-Xylenes	0.729	0.745		2.19	20
o-Xylene	0.706	0.712		0.85	20
Styrene	1.236	1.248		0.97	20
Bromoform	0.293	0.313	0.1	6.83	20
Isopropylbenzene	3.801	3.830		0.76	20
1,1,2,2-Tetrachloroethane	1.150	1.131	0.3	-1.65	20
1,3-Dichlorobenzene	1.739	1.695		-2.53	20
1,4-Dichlorobenzene	1.785	1.698		-4.87	20
1,2-Dichlorobenzene	1.657	1.632		-1.51	20
1,2-Dibromo-3-Chloropropane	0.233	0.217		-6.87	20
1,2,4-Trichlorobenzene	1.077	1.011		-6.13	20
1,2,3-Trichlorobenzene	1.002	0.945		-5.69	20
1,2-Dichloroethane-d4	0.796	0.715		-10.18	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.440	0.426		-3.18	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169040	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	276640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	117957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	120862	44.919	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.840%			
35) Dibromofluoromethane	5.367	113	97393	52.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.629	98	322232	50.194	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%			
62) 4-Bromofluorobenzene	11.061	95	117851	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	102188	58.379	ug/l	100
3) Chloromethane	1.301	50	107487	46.722	ug/l	99
4) Vinyl Chloride	1.380	62	116812	51.871	ug/l	100
5) Bromomethane	1.612	94	71155	49.828	ug/l	97
6) Chloroethane	1.691	64	75094	49.891	ug/l	100
7) Trichlorofluoromethane	1.892	101	184667	55.228	ug/l	100
8) Diethyl Ether	2.130	74	65241	47.697	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	111026	56.786	ug/l	99
10) Methyl Iodide	2.453	142	131030	42.971	ug/l	98
11) Tert butyl alcohol	2.941	59	59488	198.511	ug/l	99
12) 1,1-Dichloroethene	2.319	96	101569	50.573	ug/l	99
13) Acrolein	2.233	56	73448	265.969	ug/l	99
14) Allyl chloride	2.660	41	186517	45.005	ug/l	98
15) Acrylonitrile	3.050	53	265215	238.932	ug/l	99
16) Acetone	2.368	43	288946	246.979	ug/l	100
17) Carbon Disulfide	2.514	76	256423	46.638	ug/l	99
18) Methyl Acetate	2.697	43	134266	51.568	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	345346	47.105	ug/l	99
20) Methylene Chloride	2.782	84	117793	47.566	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	105309	48.703	ug/l	97
22) Diisopropyl ether	3.745	45	389459	48.489	ug/l	94
23) Vinyl Acetate	3.709	43	1501578	233.591	ug/l	99
24) 1,1-Dichloroethane	3.599	63	211216	49.477	ug/l	98
25) 2-Butanone	4.526	43	334930	229.510	ug/l	96
26) 2,2-Dichloropropane	4.459	77	177527	50.027	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	126753	47.867	ug/l	99
28) Bromochloromethane	4.873	49	92864	49.828	ug/l	99
29) Tetrahydrofuran	4.977	42	186717	212.686	ug/l	99
30) Chloroform	5.068	83	211869	49.113	ug/l	99
31) Cyclohexane	5.452	56	162560	45.720	ug/l	97
32) 1,1,1-Trichloroethane	5.355	97	184962	50.548	ug/l	99
36) 1,1-Dichloropropene	5.672	75	135311	49.911	ug/l	99
37) Ethyl Acetate	4.690	43	131315	45.238	ug/l	99
38) Carbon Tetrachloride	5.654	117	158503	53.810	ug/l	98
39) Methylcyclohexane	7.361	83	155729	50.604	ug/l	98
40) Benzene	6.013	78	413003	50.158	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	74863	49.957	ug/l		98
42) 1,2-Dichloroethane	6.062	62	153262	48.919	ug/l		98
43) Isopropyl Acetate	6.312	43	222292	46.693	ug/l		100
44) Trichloroethene	7.104	130	101790	51.133	ug/l		94
45) 1,2-Dichloropropane	7.409	63	109279	51.829	ug/l		99
46) Dibromomethane	7.562	93	76086	49.590	ug/l		99
47) Bromodichloromethane	7.799	83	167889	53.026	ug/l		99
48) Methyl methacrylate	7.671	41	108787	45.876	ug/l		98
49) 1,4-Dioxane	7.641	88	27008	1126.978	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	631502	239.248	ug/l		99
52) Toluene	8.702	92	251838	49.643	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	159240	49.308	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	173552	50.278	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	98329	50.267	ug/l		99
56) Ethyl methacrylate	9.098	69	146299	47.623	ug/l		99
57) 1,3-Dichloropropane	9.287	76	167707	49.908	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	384363	261.089	ug/l		99
59) 2-Hexanone	9.409	43	441826	233.065	ug/l		99
60) Dibromochloromethane	9.500	129	120589	53.502	ug/l		99
61) 1,2-Dibromoethane	9.592	107	100772	50.578	ug/l		97
64) Tetrachloroethene	9.257	164	79177	50.617	ug/l		96
65) Chlorobenzene	10.061	112	276694	50.758	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	100969	53.676	ug/l		100
67) Ethyl Benzene	10.177	91	477713	50.790	ug/l		99
68) m/p-Xylenes	10.281	106	357562	102.135	ug/l		100
69) o-Xylene	10.622	106	170862	50.459	ug/l		99
70) Styrene	10.634	104	299383	50.459	ug/l		99
71) Bromoform	10.781	173	75006	53.401	ug/l	#	99
73) Isopropylbenzene	10.945	105	451831	50.384	ug/l		99
74) N-amyl acetate	10.823	43	185898	45.458	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	133407	49.169	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	108038m	45.237	ug/l		
77) Bromobenzene	11.177	156	108171	48.975	ug/l		98
78) n-propylbenzene	11.287	91	538617	50.808	ug/l		100
79) 2-Chlorotoluene	11.348	91	320546	49.368	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	371973	50.486	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	42487	45.367	ug/l		98
82) 4-Chlorotoluene	11.433	91	378575	49.367	ug/l		100
83) tert-Butylbenzene	11.695	119	374448	49.646	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	368716	49.361	ug/l		99
85) sec-Butylbenzene	11.872	105	456705	50.978	ug/l		100
86) p-Isopropyltoluene	11.988	119	381535	50.304	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	199939	48.736	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	200253	47.560	ug/l		99
89) n-Butylbenzene	12.311	91	357046	50.876	ug/l		99
90) Hexachloroethane	12.518	117	71652	53.809	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	192479	49.247	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25544	46.501	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	119265	46.952	ug/l		98
94) Hexachlorobutadiene	13.707	225	41507	48.107	ug/l		99
95) Naphthalene	13.756	128	346829	44.839	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	111480	47.179	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

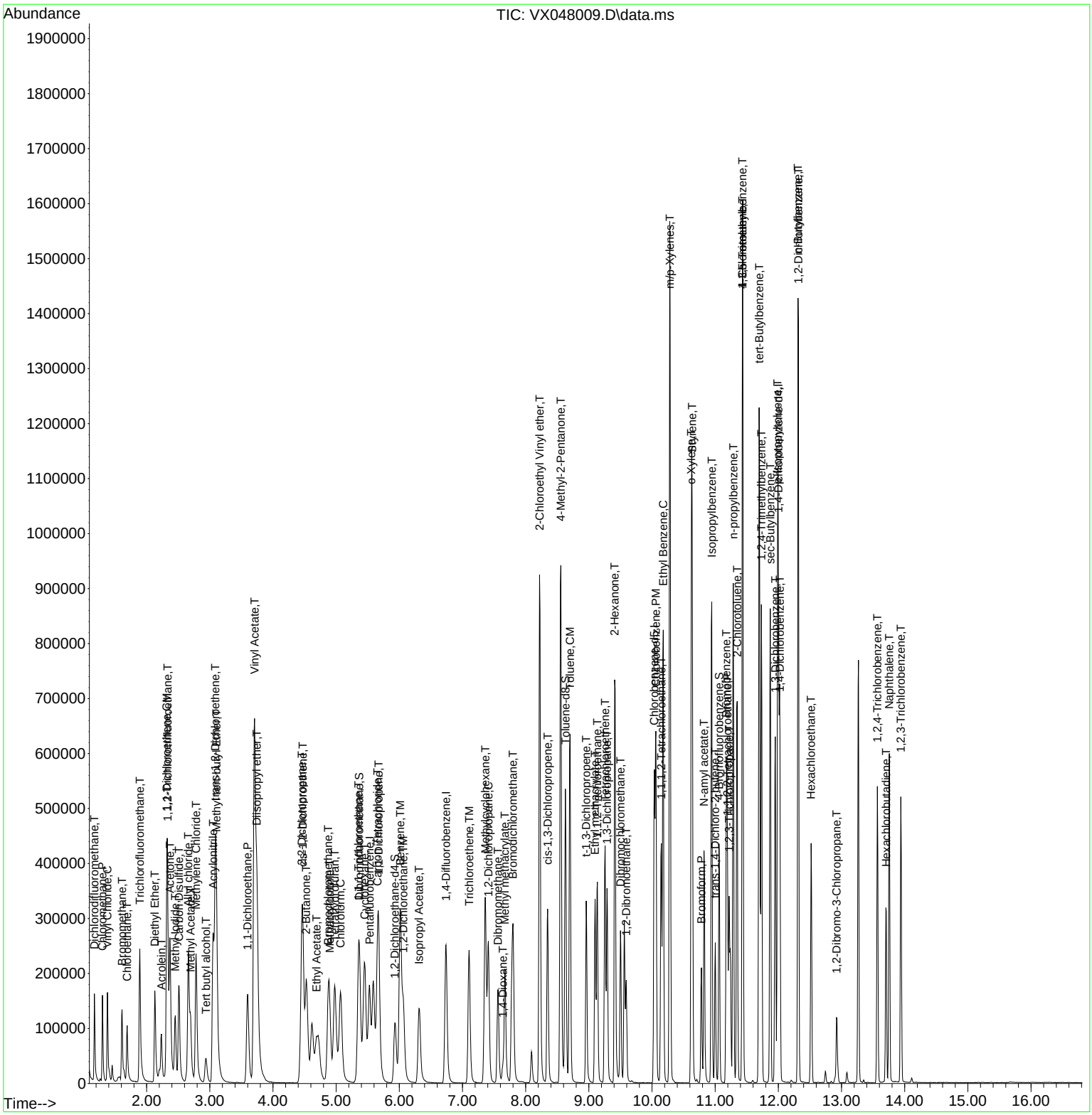
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



Sample Results: **VX048009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	97	-0.01
2	T	Dichlorodifluoromethane	0.518	0.605	-16.8	118	0.00
3	P	Chloromethane	0.680	0.636	6.5	94	0.00
4	C	Vinyl Chloride	0.666	0.691	-3.8#	102	0.00
5	T	Bromomethane	0.422	0.421	0.2	97	0.00
6	T	Chloroethane	0.445	0.444	0.2	98	0.00
7	T	Trichlorofluoromethane	0.989	1.092	-10.4	107	0.00
8	T	Diethyl Ether	0.405	0.386	4.7	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.657	-13.7	110	0.00
10	T	Methyl Iodide	0.902	0.775	14.1	83	0.00
11	T	Tert butyl alcohol	0.089	0.070	21.3	77	0.00
12	CM	1,1-Dichloroethene	0.594	0.601	-1.2#	97	0.00
13	T	Acrolein	0.082	0.087	-6.1	104	0.00
14	T	Allyl chloride	1.226	1.103	10.0	89	0.00
15	T	Acrylonitrile	0.328	0.314	4.3	88	-0.01
16	T	Acetone	0.346	0.342	1.2	105	0.00
17	T	Carbon Disulfide	1.626	1.517	6.7	94	0.00
18	T	Methyl Acetate	0.770	0.794	-3.1	88	0.00
19	T	Methyl tert-butyl Ether	2.169	2.043	5.8	89	0.00
20	T	Methylene Chloride	0.732	0.697	4.8	93	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.623	2.7	94	0.00
22	T	Diisopropyl ether	2.376	2.304	3.0	91	-0.01
23	T	Vinyl Acetate	1.901	1.777	6.5	87	0.00
24	P	1,1-Dichloroethane	1.263	1.250	1.0	94	0.00
25	T	2-Butanone	0.432	0.396	8.3	88	-0.01
26	T	2,2-Dichloropropane	1.050	1.050	0.0	96	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.750	4.2	90	-0.01
28	T	Bromochloromethane	0.551	0.549	0.4	93	-0.02
29	T	Tetrahydrofuran	0.260	0.221	15.0	78	-0.01
30	C	Chloroform	1.276	1.253	1.8#	92	-0.01
31	T	Cyclohexane	1.052	0.962	8.6	91	0.00
32	T	1,1,1-Trichloroethane	1.082	1.094	-1.1	95	-0.02
33	S	1,2-Dichloroethane-d4	0.796	0.715	10.2	90	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.335	0.352	-5.1	96	0.00
36	T	1,1-Dichloropropene	0.490	0.489	0.2	90	-0.01
37	T	Ethyl Acetate	0.525	0.475	9.5	80	-0.01
38	T	Carbon Tetrachloride	0.532	0.573	-7.7	96	-0.02
39	T	Methylcyclohexane	0.556	0.563	-1.3	90	0.00
40	TM	Benzene	1.488	1.493	-0.3	88	-0.01
41	T	Methacrylonitrile	0.271	0.271	0.0	85	0.00
42	TM	1,2-Dichloroethane	0.566	0.554	2.1	86	-0.01
43	T	Isopropyl Acetate	0.860	0.804	6.5	81	-0.01
44	TM	Trichloroethene	0.360	0.368	-2.2	89	0.00
45	C	1,2-Dichloropropane	0.381	0.395	-3.7#	89	0.00
46	T	Dibromomethane	0.277	0.275	0.7	86	0.00
47	T	Bromodichloromethane	0.572	0.607	-6.1	90	0.00
48	T	Methyl methacrylate	0.429	0.393	8.4	79	0.00

Sample Results: **VX048009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	92	0.00
50	S	Toluene-d8	1.160	1.165	-0.4	91	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.457	4.2	80	0.00
52	CM	Toluene	0.917	0.910	0.8#	87	0.00
53	T	t-1,3-Dichloropropene	0.584	0.576	1.4	84	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.627	-0.5	86	0.00
55	T	1,1,2-Trichloroethane	0.354	0.355	-0.3	87	0.00
56	T	Ethyl methacrylate	0.555	0.529	4.7	79	0.00
57	T	1,3-Dichloropropane	0.607	0.606	0.2	86	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.278	-22.5	92	0.00
59	T	2-Hexanone	0.343	0.319	7.0	80	0.00
60	T	Dibromochloromethane	0.407	0.436	-7.1	90	0.00
61	T	1,2-Dibromoethane	0.360	0.364	-1.1	87	0.00
62	S	4-Bromofluorobenzene	0.440	0.426	3.2	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.326	0.330	-1.2	90	0.00
65	PM	Chlorobenzene	1.136	1.153	-1.5	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.421	-7.4	90	0.00
67	C	Ethyl Benzene	1.960	1.991	-1.6#	87	0.00
68	T	m/p-Xylenes	0.729	0.745	-2.2	87	0.00
69	T	o-Xylene	0.706	0.712	-0.8	84	0.00
70	T	Styrene	1.236	1.248	-1.0	85	0.00
71	P	Bromoform	0.293	0.313	-6.8	89	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.801	3.830	-0.8	87	0.00
74	T	N-amyl acetate	1.733	1.576	9.1	78	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.131	1.7	85	0.00
76	T	1,2,3-Trichloropropane	1.012	0.916	9.5	75	0.00
77	T	Bromobenzene	0.936	0.917	2.0	86	0.00
78	T	n-propylbenzene	4.494	4.566	-1.6	88	0.00
79	T	2-Chlorotoluene	2.752	2.717	1.3	86	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.153	-1.0	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.360	9.3	80	0.00
82	T	4-Chlorotoluene	3.251	3.209	1.3	86	0.00
83	T	tert-Butylbenzene	3.197	3.174	0.7	87	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.126	1.3	86	0.00
85	T	sec-Butylbenzene	3.797	3.872	-2.0	89	0.00
86	T	p-Isopropyltoluene	3.215	3.235	-0.6	87	0.00
87	T	1,3-Dichlorobenzene	1.739	1.695	2.5	86	0.00
88	T	1,4-Dichlorobenzene	1.785	1.698	4.9	86	0.00
89	T	n-Butylbenzene	2.975	3.027	-1.7	89	0.00
90	T	Hexachloroethane	0.564	0.607	-7.6	95	0.00
91	T	1,2-Dichlorobenzene	1.657	1.632	1.5	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.217	6.9	79	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.011	6.1	81	0.00
94	T	Hexachlorobutadiene	0.366	0.352	3.8	85	0.00
95	T	Naphthalene	3.279	2.940	10.3	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.945	5.7	80	0.00

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

Sample Results: **VX048009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	97	-0.01
2	T	Dichlorodifluoromethane	50.000	58.379	-16.8	118	0.00
3	P	Chloromethane	50.000	46.722	6.6	94	0.00
4	C	Vinyl Chloride	50.000	51.871	-3.7#	102	0.00
5	T	Bromomethane	50.000	49.828	0.3	97	0.00
6	T	Chloroethane	50.000	49.891	0.2	98	0.00
7	T	Trichlorofluoromethane	50.000	55.228	-10.5	107	0.00
8	T	Diethyl Ether	50.000	47.697	4.6	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.786	-13.6	110	0.00
10	T	Methyl Iodide	50.000	42.971	14.1	83	0.00
11	T	Tert butyl alcohol	250.000	198.511	20.6	77	0.00
12	CM	1,1-Dichloroethene	50.000	50.573	-1.1#	97	0.00
13	T	Acrolein	250.000	265.969	-6.4	104	0.00
14	T	Allyl chloride	50.000	45.005	10.0	89	0.00
15	T	Acrylonitrile	250.000	238.932	4.4	88	-0.01
16	T	Acetone	250.000	246.979	1.2	105	0.00
17	T	Carbon Disulfide	50.000	46.638	6.7	94	0.00
18	T	Methyl Acetate	50.000	51.568	-3.1	88	0.00
19	T	Methyl tert-butyl Ether	50.000	47.105	5.8	89	0.00
20	T	Methylene Chloride	50.000	47.566	4.9	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.703	2.6	94	0.00
22	T	Diisopropyl ether	50.000	48.489	3.0	91	-0.01
23	T	Vinyl Acetate	250.000	233.591	6.6	87	0.00
24	P	1,1-Dichloroethane	50.000	49.477	1.0	94	0.00
25	T	2-Butanone	250.000	229.510	8.2	88	-0.01
26	T	2,2-Dichloropropane	50.000	50.027	-0.1	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.867	4.3	90	-0.01
28	T	Bromochloromethane	50.000	49.828	0.3	93	-0.02
29	T	Tetrahydrofuran	250.000	212.686	14.9	78	-0.01
30	C	Chloroform	50.000	49.113	1.8#	92	-0.01
31	T	Cyclohexane	50.000	45.720	8.6	91	0.00
32	T	1,1,1-Trichloroethane	50.000	50.548	-1.1	95	-0.02
33	S	1,2-Dichloroethane-d4	50.000	44.919	10.2	90	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	52.494	-5.0	96	0.00
36	T	1,1-Dichloropropene	50.000	49.911	0.2	90	-0.01
37	T	Ethyl Acetate	50.000	45.238	9.5	80	-0.01
38	T	Carbon Tetrachloride	50.000	53.810	-7.6	96	-0.02
39	T	Methylcyclohexane	50.000	50.604	-1.2	90	0.00
40	TM	Benzene	50.000	50.158	-0.3	88	-0.01
41	T	Methacrylonitrile	50.000	49.957	0.1	85	0.00
42	TM	1,2-Dichloroethane	50.000	48.919	2.2	86	-0.01
43	T	Isopropyl Acetate	50.000	46.693	6.6	81	-0.01
44	TM	Trichloroethene	50.000	51.133	-2.3	89	0.00
45	C	1,2-Dichloropropane	50.000	51.829	-3.7#	89	0.00
46	T	Dibromomethane	50.000	49.590	0.8	86	0.00
47	T	Bromodichloromethane	50.000	53.026	-6.1	90	0.00
48	T	Methyl methacrylate	50.000	45.876	8.2	79	0.00

Sample Results: **VX048009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1126.978	-12.7	92	0.00
50	S	Toluene-d8	50.000	50.194	-0.4	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	239.248	4.3	80	0.00
52	CM	Toluene	50.000	49.643	0.7#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	49.308	1.4	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.278	-0.6	86	0.00
55	T	1,1,2-Trichloroethane	50.000	50.267	-0.5	87	0.00
56	T	Ethyl methacrylate	50.000	47.623	4.8	79	0.00
57	T	1,3-Dichloropropane	50.000	49.908	0.2	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.089	-4.4	92	0.00
59	T	2-Hexanone	250.000	233.065	6.8	80	0.00
60	T	Dibromochloromethane	50.000	53.502	-7.0	90	0.00
61	T	1,2-Dibromoethane	50.000	50.578	-1.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	48.371	3.3	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	50.617	-1.2	90	0.00
65	PM	Chlorobenzene	50.000	50.758	-1.5	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.676	-7.4	90	0.00
67	C	Ethyl Benzene	50.000	50.790	-1.6#	87	0.00
68	T	m/p-Xylenes	100.000	102.135	-2.1	87	0.00
69	T	o-Xylene	50.000	50.459	-0.9	84	0.00
70	T	Styrene	50.000	50.459	-0.9	85	0.00
71	P	Bromoform	50.000	53.401	-6.8	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	50.384	-0.8	87	0.00
74	T	N-amyl acetate	50.000	45.458	9.1	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.169	1.7	85	0.00
76	T	1,2,3-Trichloropropane	50.000	45.237	9.5	75	0.00
77	T	Bromobenzene	50.000	48.975	2.0	86	0.00
78	T	n-propylbenzene	50.000	50.808	-1.6	88	0.00
79	T	2-Chlorotoluene	50.000	49.368	1.3	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.486	-1.0	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.367	9.3	80	0.00
82	T	4-Chlorotoluene	50.000	49.367	1.3	86	0.00
83	T	tert-Butylbenzene	50.000	49.646	0.7	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.361	1.3	86	0.00
85	T	sec-Butylbenzene	50.000	50.978	-2.0	89	0.00
86	T	p-Isopropyltoluene	50.000	50.304	-0.6	87	0.00
87	T	1,3-Dichlorobenzene	50.000	48.736	2.5	86	0.00
88	T	1,4-Dichlorobenzene	50.000	47.560	4.9	86	0.00
89	T	n-Butylbenzene	50.000	50.876	-1.8	89	0.00
90	T	Hexachloroethane	50.000	53.809	-7.6	95	0.00
91	T	1,2-Dichlorobenzene	50.000	49.247	1.5	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.501	7.0	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.952	6.1	81	0.00
94	T	Hexachlorobutadiene	50.000	48.107	3.8	85	0.00
95	T	Naphthalene	50.000	44.839	10.3	77	0.00

Sample Results: **VX048009.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.179	5.6	80	0.00

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

QC SAMPLE DATA

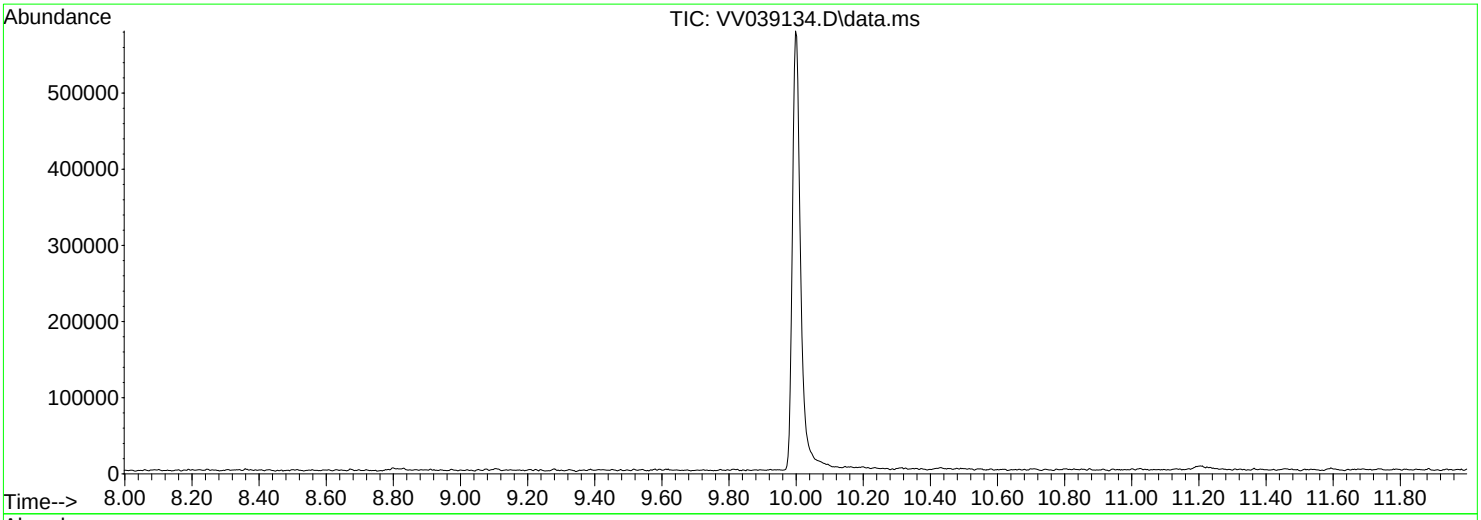
Sample Results: **VV039134.D**

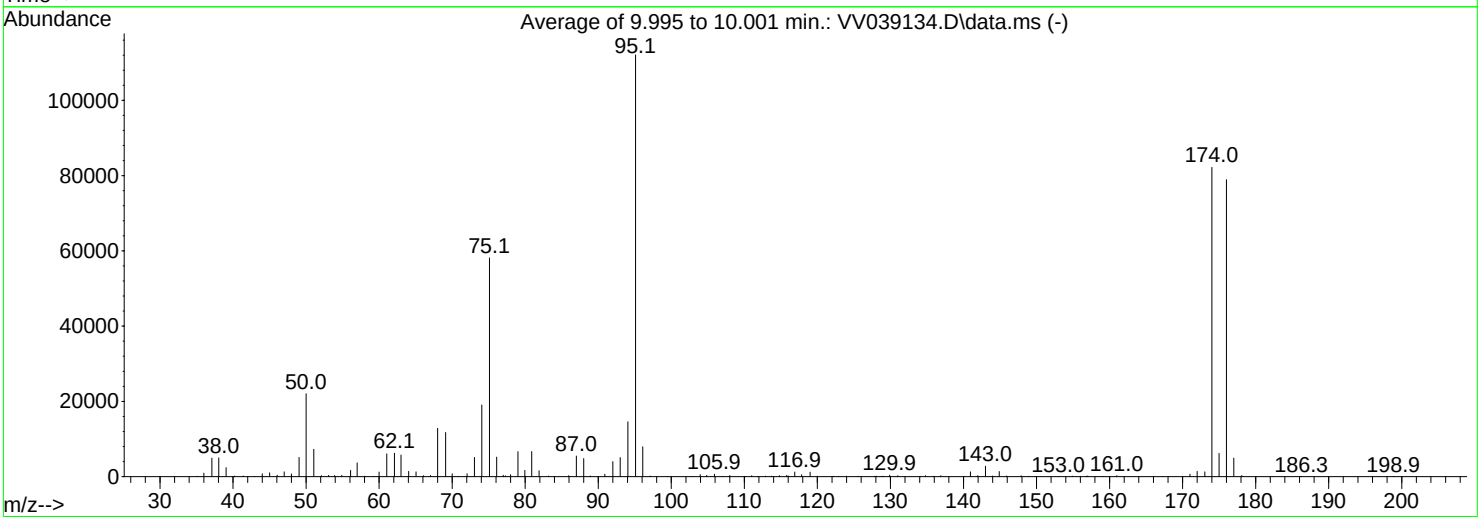
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039134.D
Acq On : 22 Sep 2025 10:15
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

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

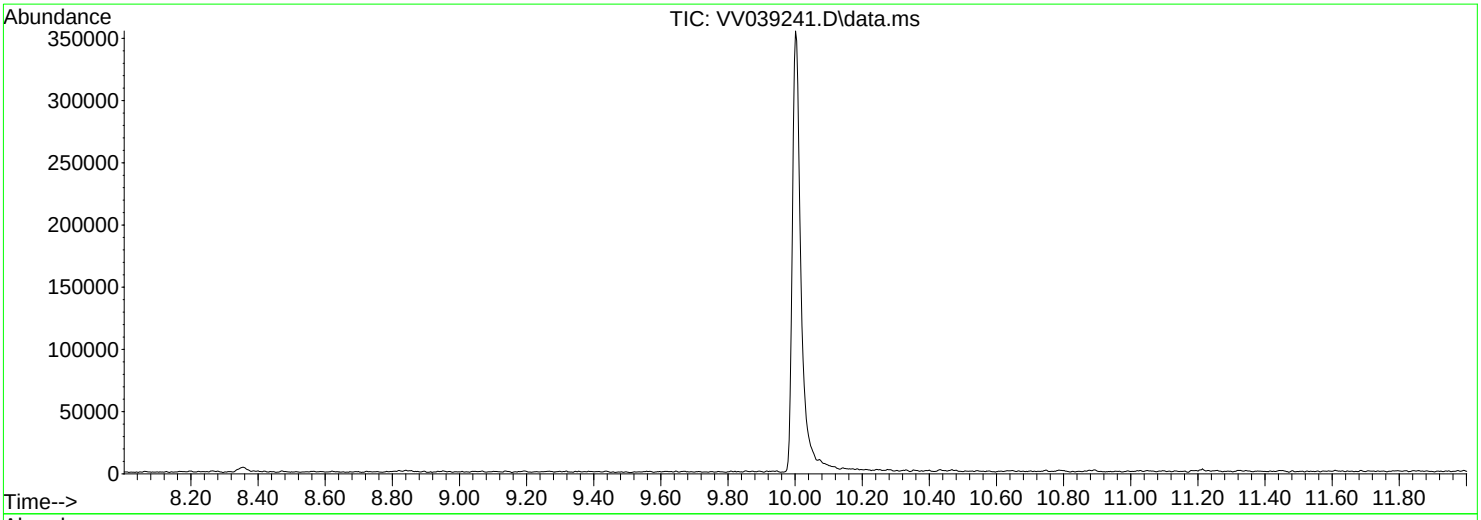
Sample Results: **VV039241.D**

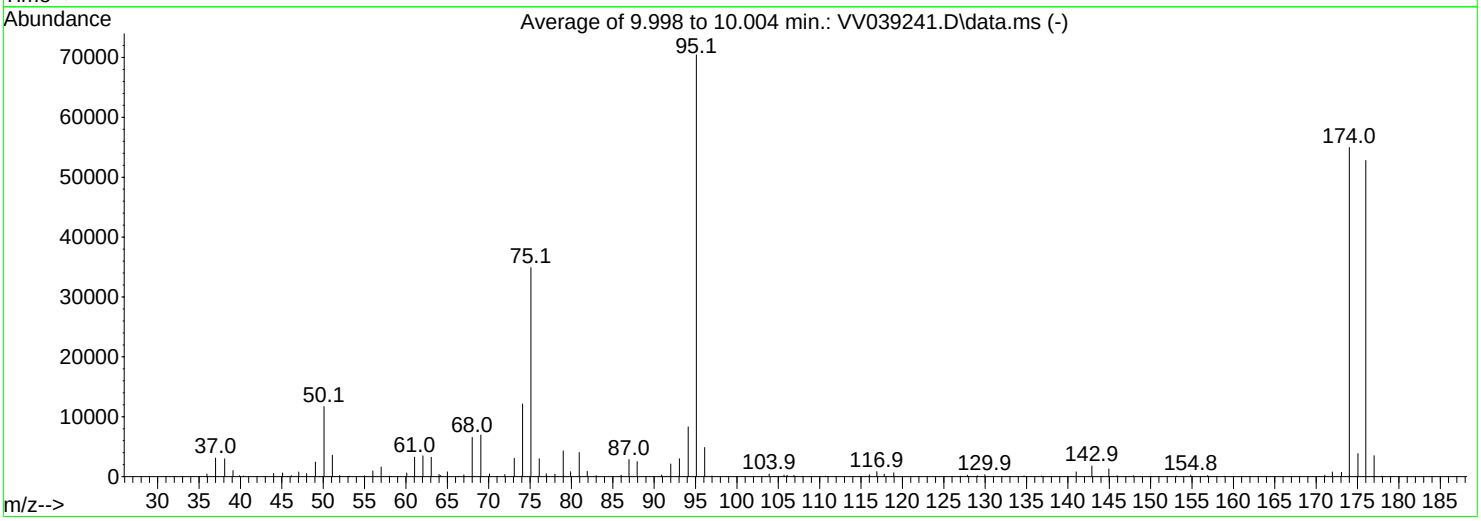
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039241.D
Acq On : 03 Oct 2025 08:26
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

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





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.6	11702	PASS
75	95	30	60	49.5	34896	PASS
95	95	100	100	100.0	70432	PASS
96	95	5	9	6.9	4879	PASS
173	174	0.00	2	1.3	733	PASS
174	95	50	100	78.0	54968	PASS
175	174	5	9	7.0	3851	PASS
176	174	95	101	96.0	52784	PASS
177	176	5	9	6.6	3489	PASS

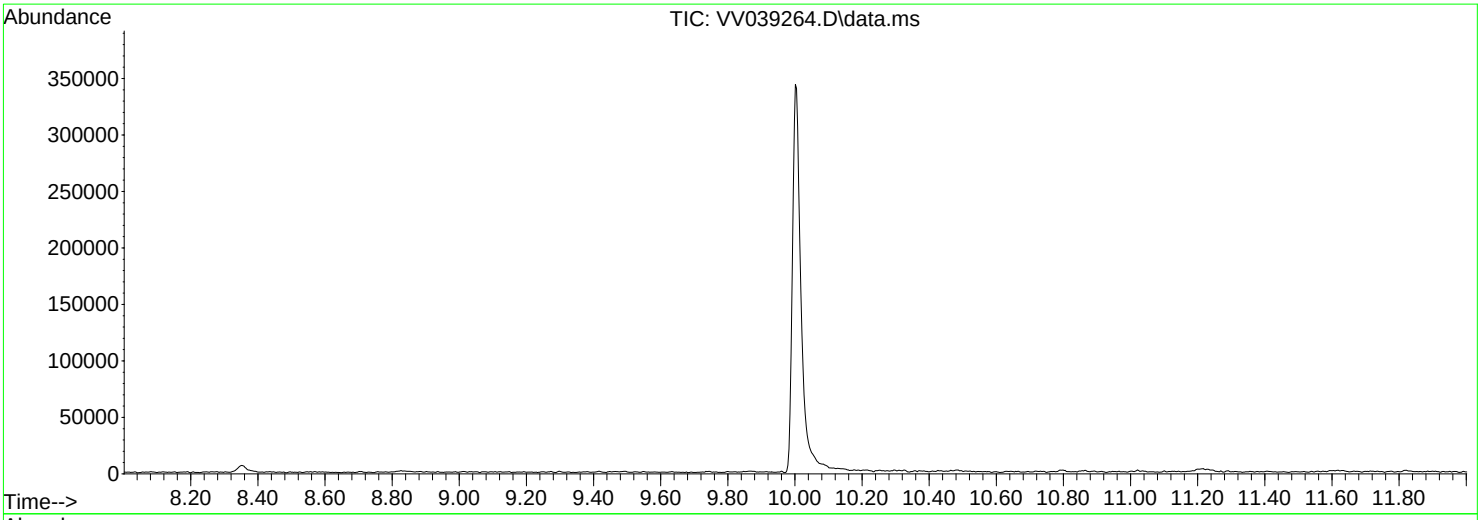
Sample Results: **VV039264.D**

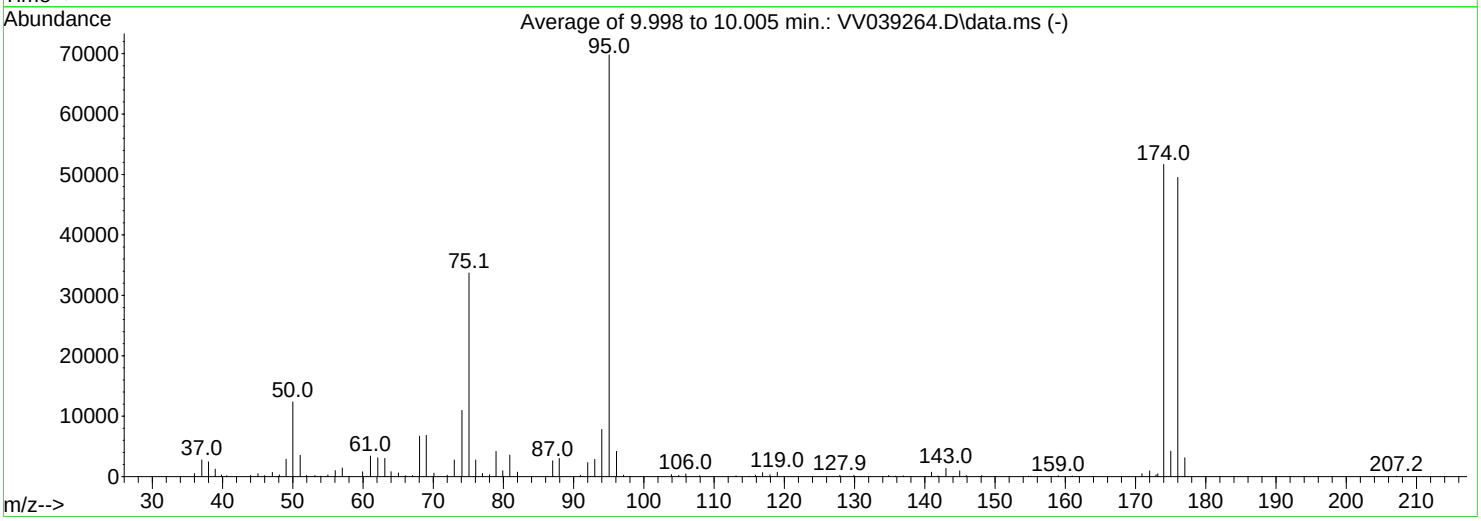
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039264.D
Acq On : 06 Oct 2025 08:07
Operator : SY/MD
Sample : BFB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB

Integration File: RTEINT.P

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





AutoFind: Scans 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	17.7	12370	PASS
75	95	30	60	48.3	33704	PASS
95	95	100	100	100.0	69805	PASS
96	95	5	9	6.0	4193	PASS
173	174	0.00	2	0.9	490	PASS
174	95	50	100	74.0	51661	PASS
175	174	5	9	8.2	4224	PASS
176	174	95	101	95.9	49531	PASS
177	176	5	9	6.3	3134	PASS

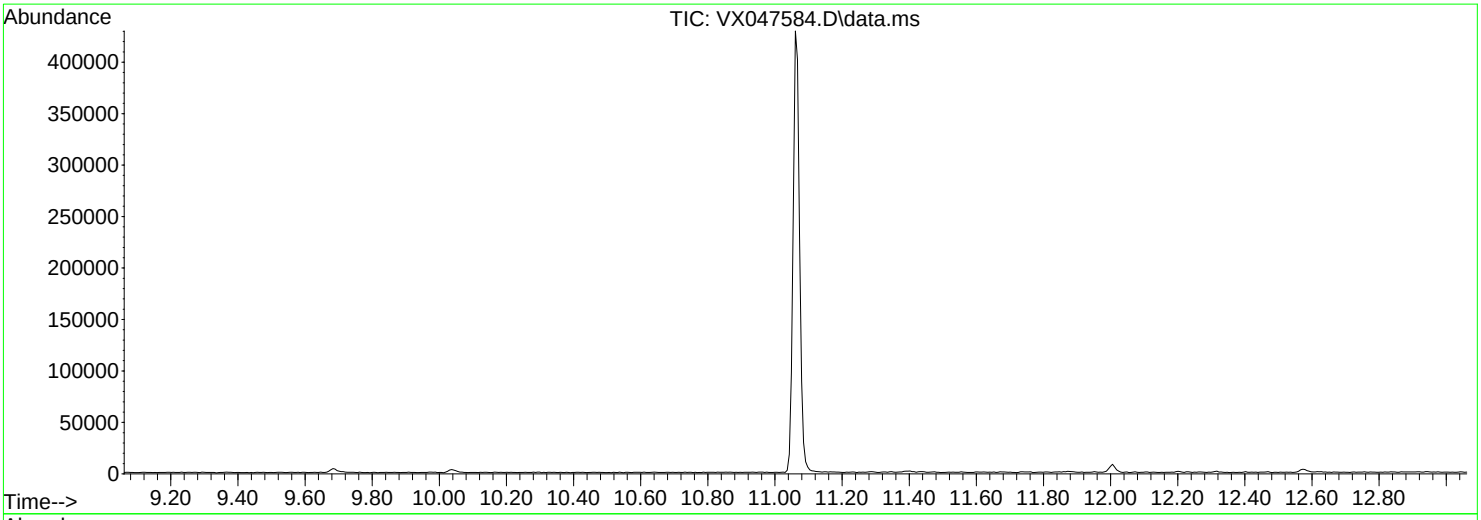
Sample Results: **VX047584.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

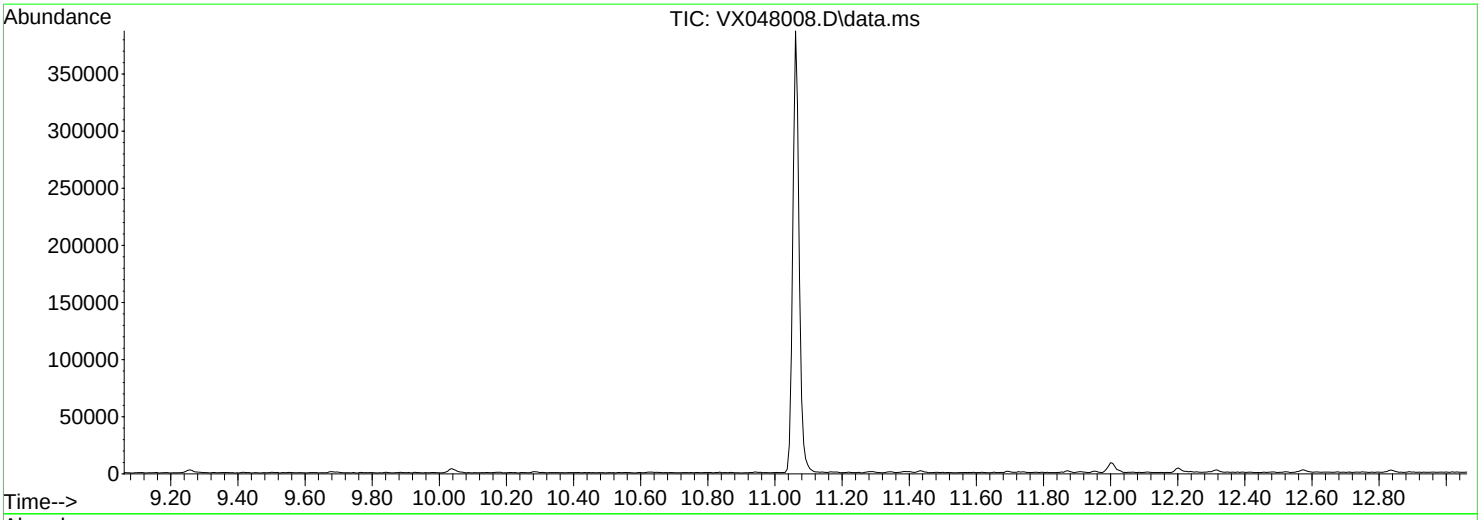
Sample Results: **VX048008.D**

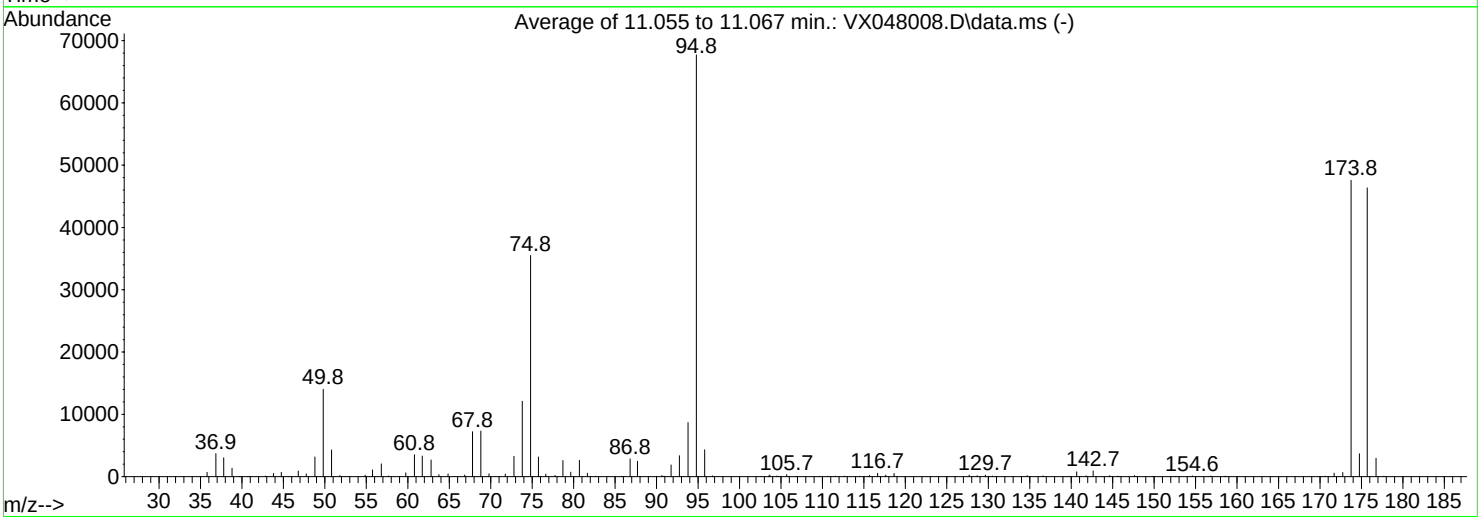
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048008.D
Acq On : 06 Oct 2025 08:12
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	14030	PASS
75	95	30	60	52.4	35512	PASS
95	95	100	100	100.0	67717	PASS
96	95	5	9	6.4	4316	PASS
173	174	0.00	2	1.4	678	PASS
174	95	50	100	70.3	47587	PASS
175	174	5	9	7.7	3686	PASS
176	174	95	101	97.4	46371	PASS
177	176	5	9	6.4	2959	PASS

Raw Data: **VV039244.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VV039244.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	44.6		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		70 (77) - 130 (121)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	502000	4.6			
540-36-3	1,4-Difluorobenzene	854000	5.532			
3114-55-4	Chlorobenzene-d5	854000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	433000	11.172			

Raw Data: **VV039244.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039244.D
Acq On : 03 Oct 2025 11:26
Operator : SY/MD
Sample : VV1003WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Quant Time: Oct 04 01:08:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	501875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	854024	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	854306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	433083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	375765	51.732	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 103.460%			
35) Dibromofluoromethane	4.503	113	360439	52.499	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.000%			
50) Toluene-d8	7.236	98	900252	44.645	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.300%			
62) 4-Bromofluorobenzene	10.001	95	374884	45.160	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 90.320%			

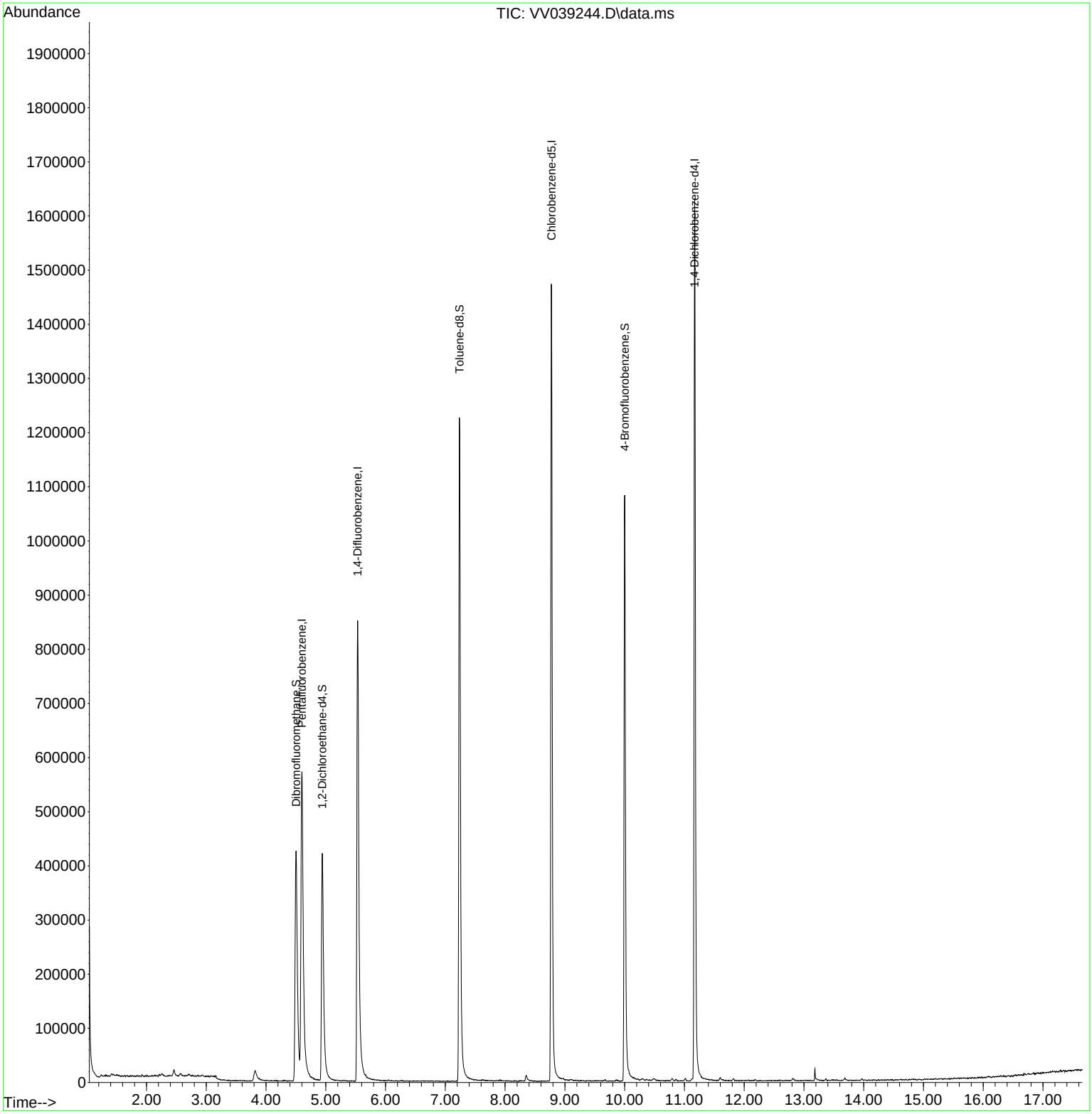
Target Compounds Qvalue

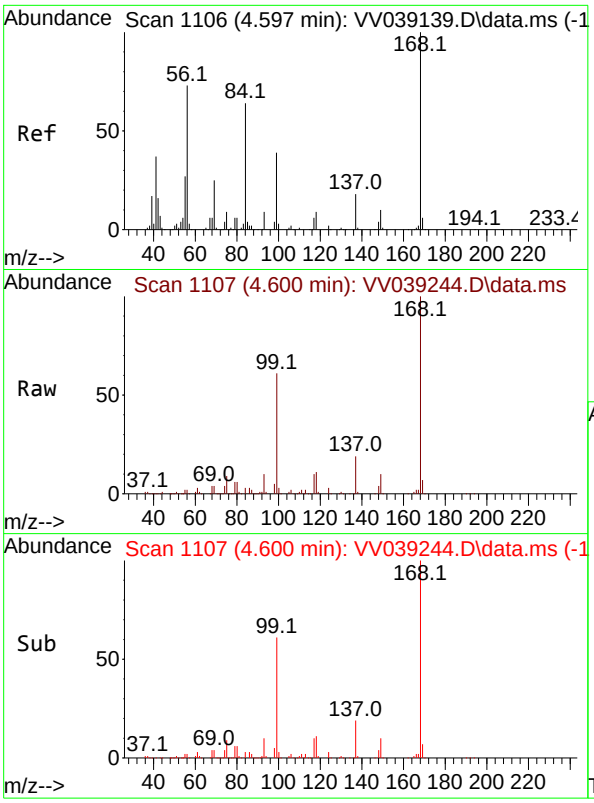
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039244.D
Acq On : 03 Oct 2025 11:26
Operator : SY/MD
Sample : VV1003WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Quant Time: Oct 04 01:08:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



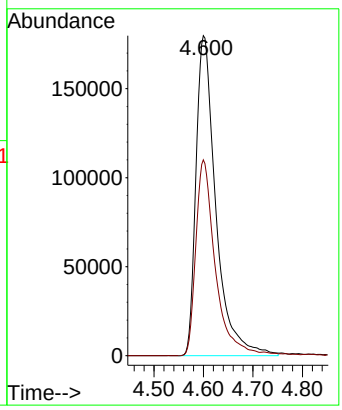


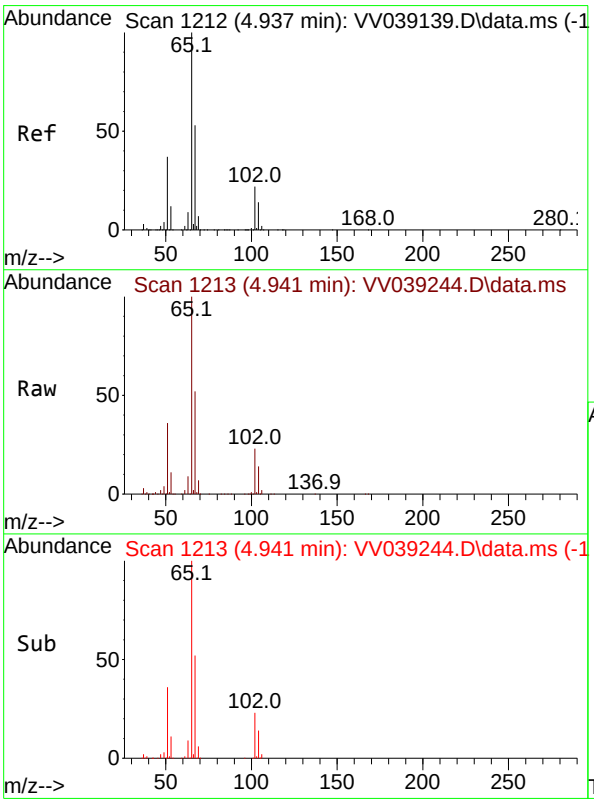
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:168 Resp: 501875

Ion	Ratio	Lower	Upper
168	100		
99	61.2	49.6	74.4

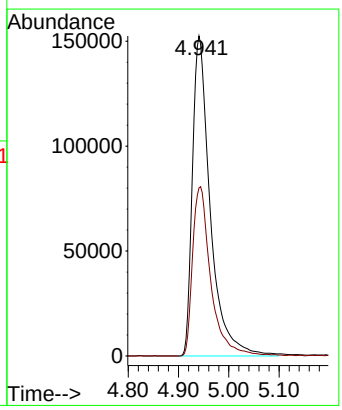


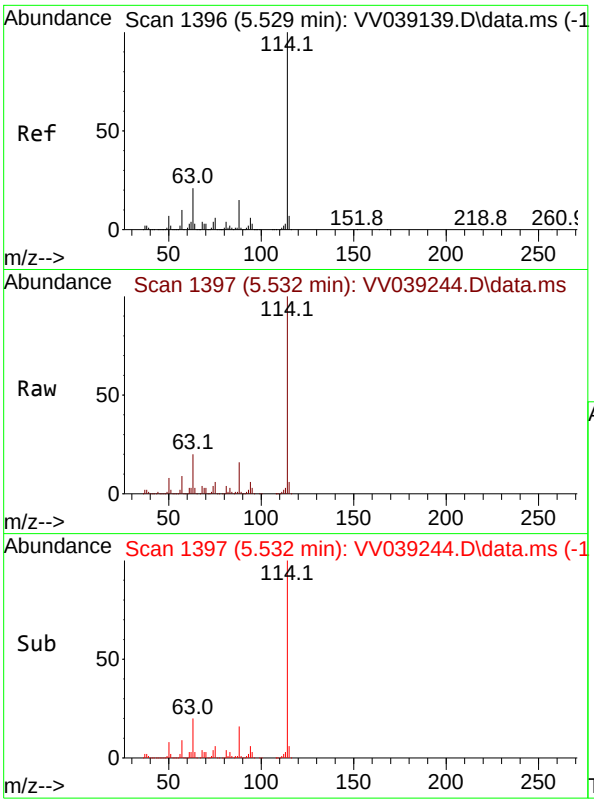


#33
1,2-Dichloroethane-d4
Concen: 51.732 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion: 65 Resp: 375765

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.0



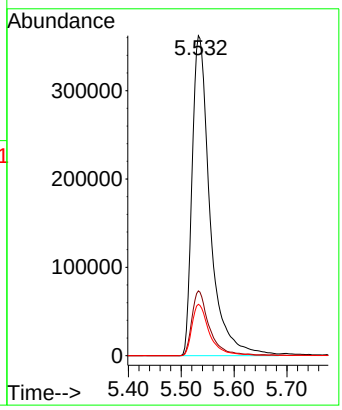


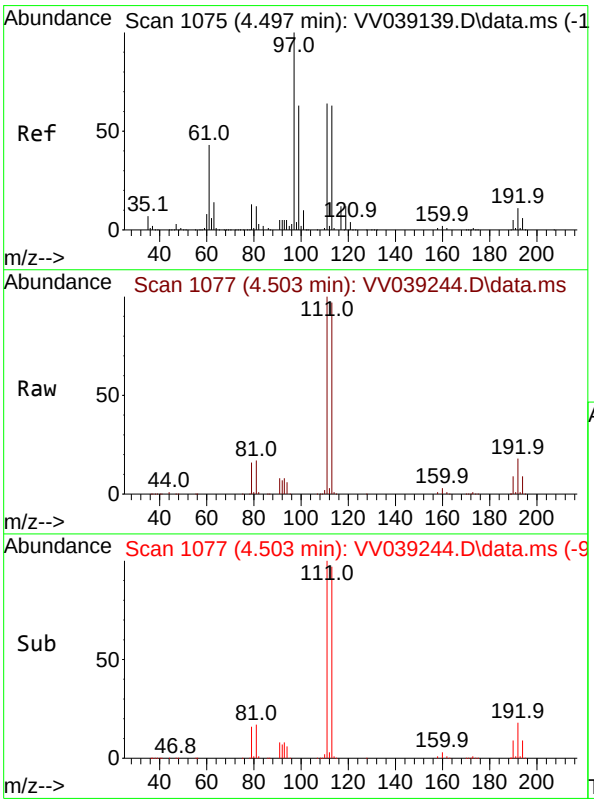
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:114 Resp: 854024

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	16.0	0.0	30.8

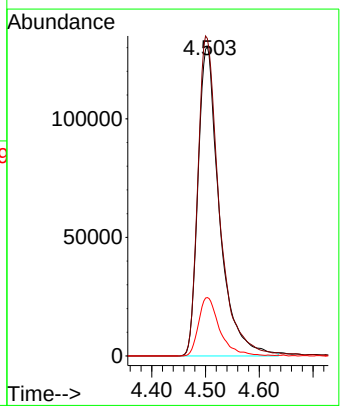


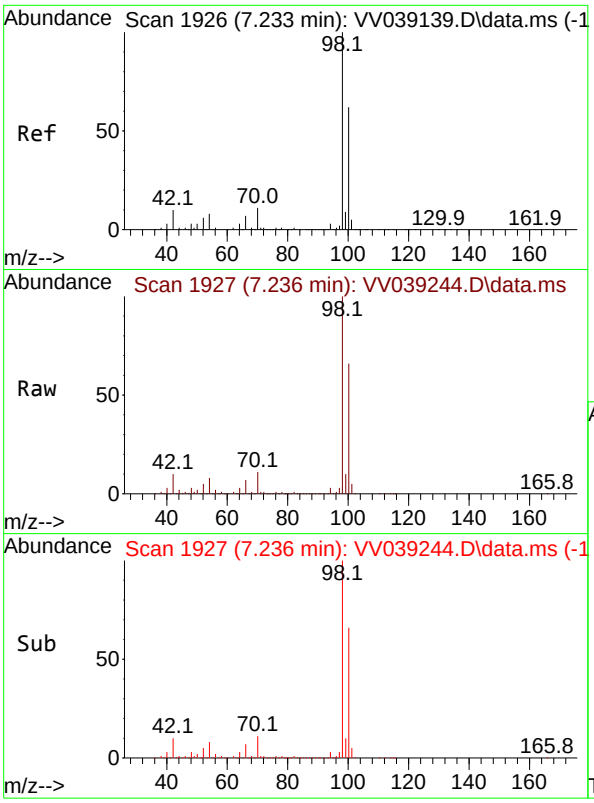


#35
Dibromofluoromethane
Concen: 52.499 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion:113 Resp: 360439

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.6	13.8	20.8



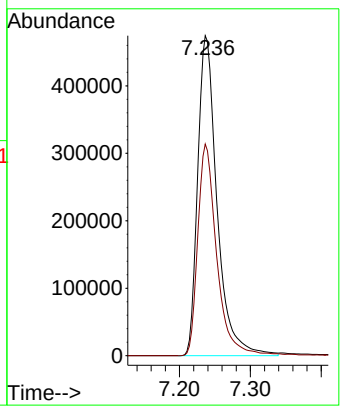


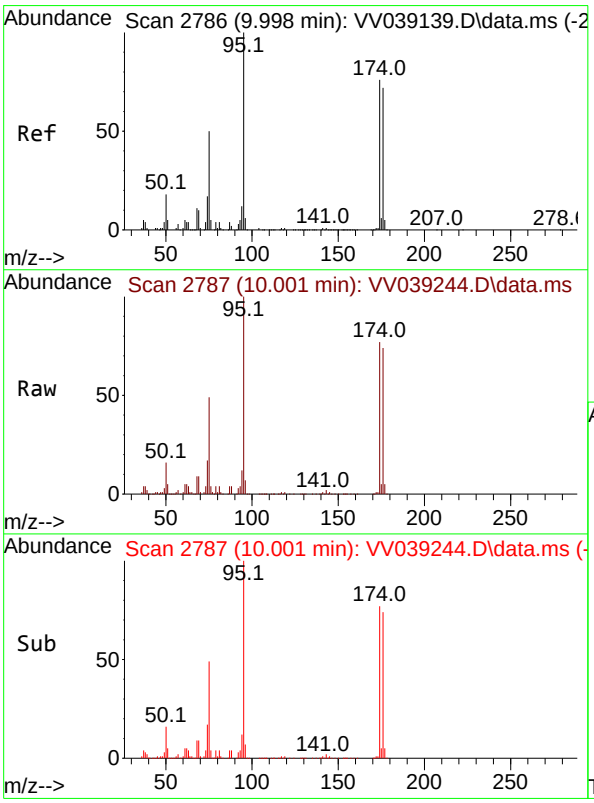
#50
Toluene-d8
Concen: 44.645 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion: 98 Resp: 900252

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

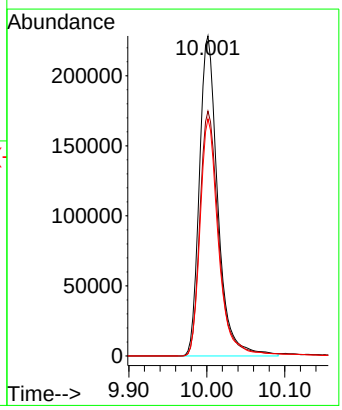


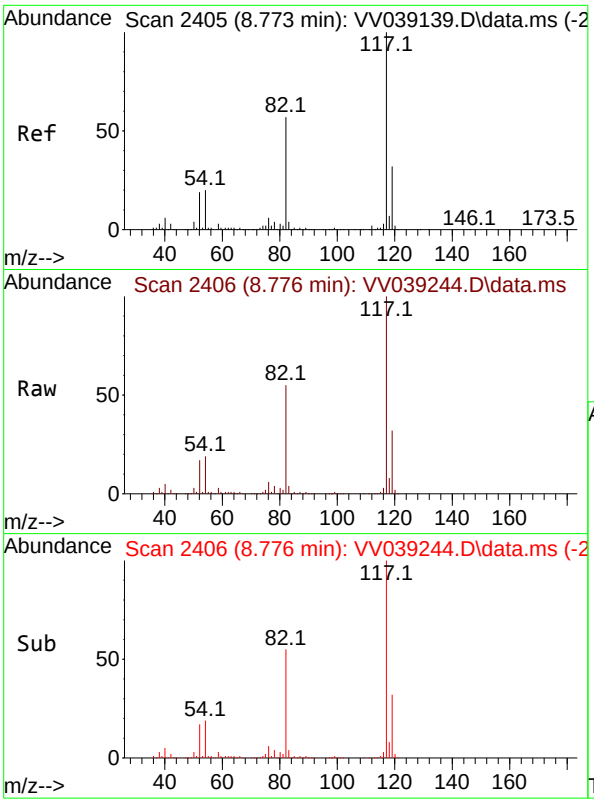


#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion: 95 Resp: 374884

Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	150.4
176	74.2	0.0	144.2



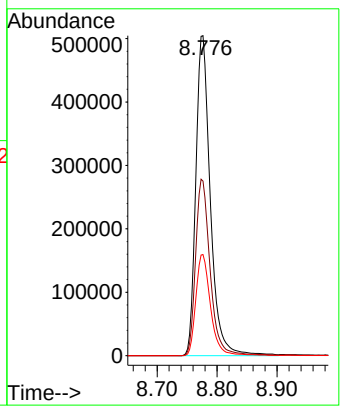


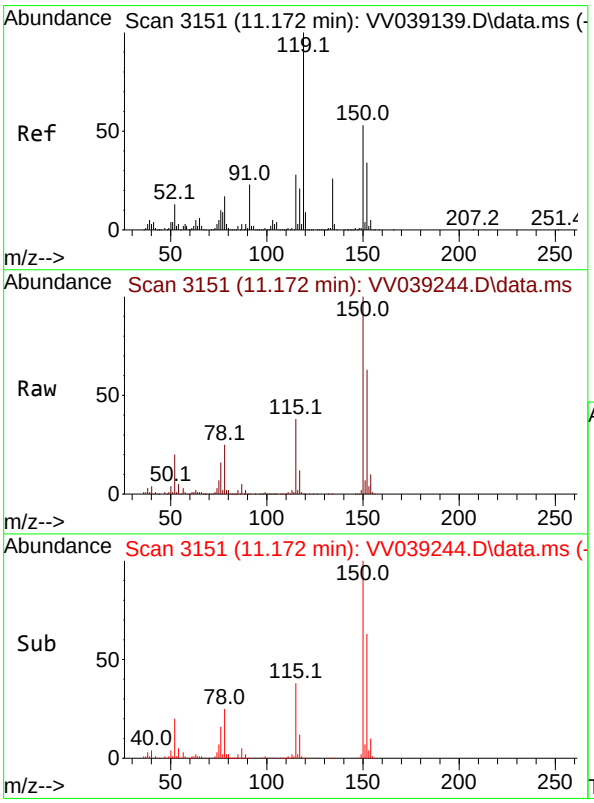
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:117 Resp: 854306

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.2
119	31.6	25.6	38.4

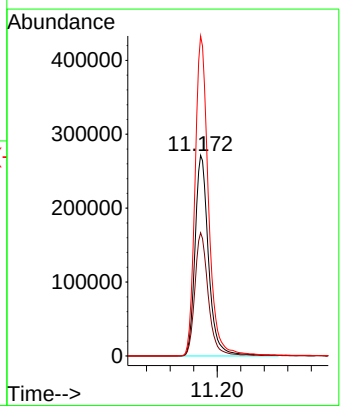




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion:152 Resp: 433083

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.8	134.4
150	159.3	0.0	353.8



Raw Data: **VV039267.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039267.D	1	10/06/25 12:35	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VV039267.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039267.D	1	10/06/25 12:35	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	43.0		70 (86) - 130 (113)	86%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	464000	4.6			
540-36-3	1,4-Difluorobenzene	784000	5.535			
3114-55-4	Chlorobenzene-d5	804000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	428000	11.172			

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039267.D	1	10/06/25 12:35	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100625\
Data File : VV039267.D
Acq On : 06 Oct 2025 12:35
Operator : SY/MD
Sample : VV1006WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Quant Time: Oct 07 03:31:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	463806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	783914	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	804136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	428242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	340870	50.780	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 101.560%			
35) Dibromofluoromethane	4.503	113	339151	53.816	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 107.640%			
50) Toluene-d8	7.239	98	796316	43.023	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 86.040%#			
62) 4-Bromofluorobenzene	10.001	95	368553	48.368	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.740%			

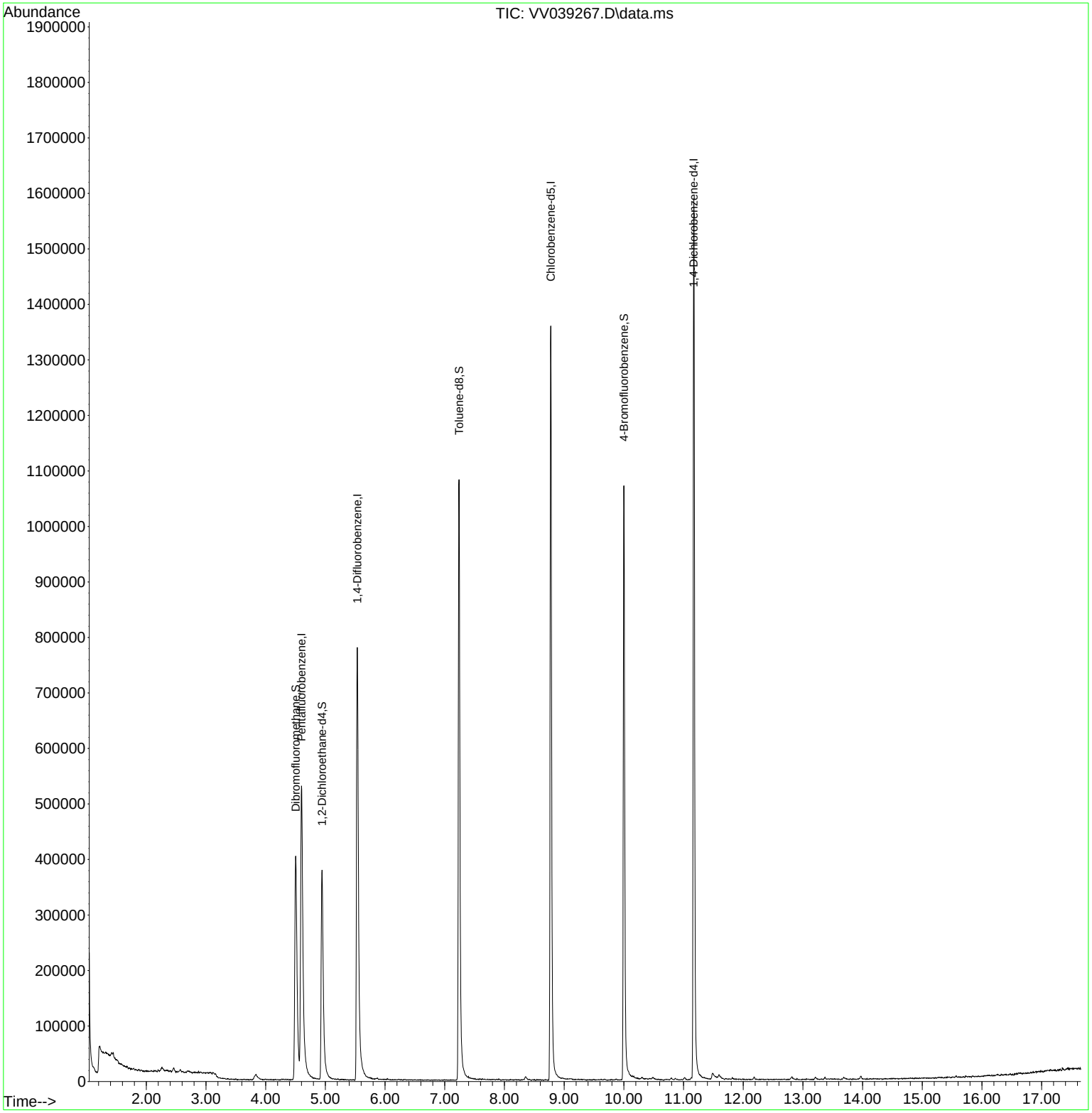
Target Compounds Qvalue

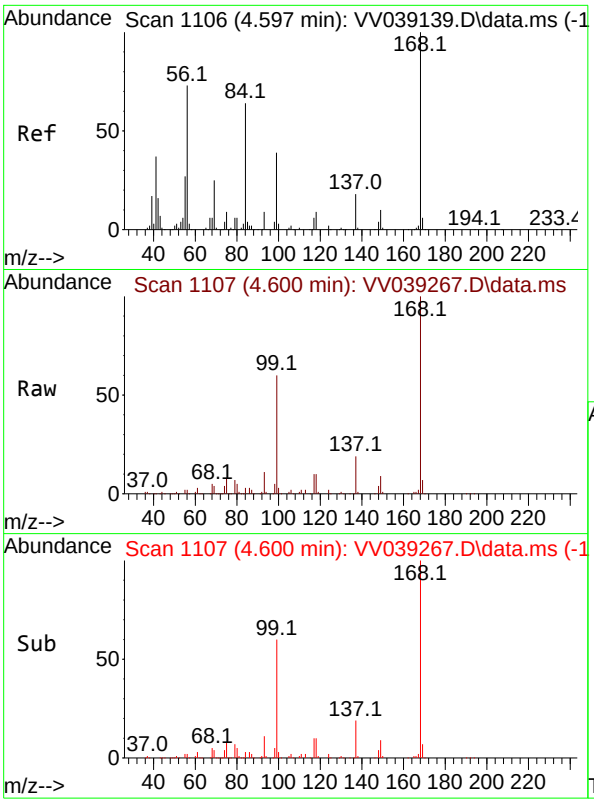
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039267.D
Acq On : 06 Oct 2025 12:35
Operator : SY/MD
Sample : VV1006WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Quant Time: Oct 07 03:31:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



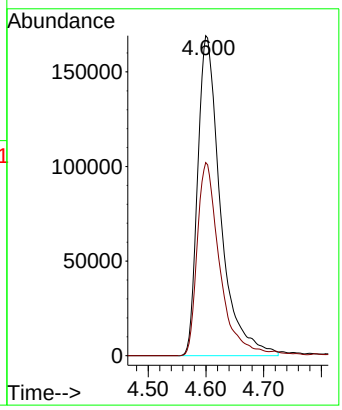


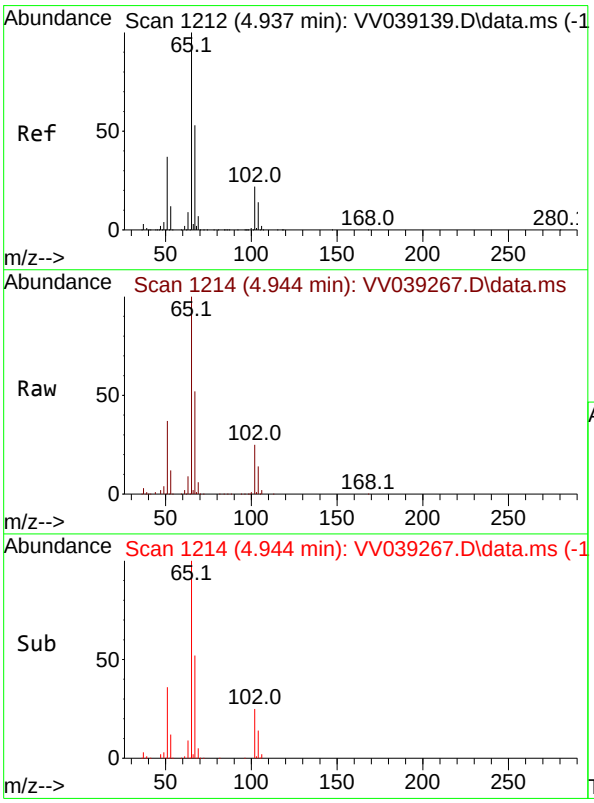
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:168 Resp: 463806

Ion	Ratio	Lower	Upper
168	100		
99	60.3	49.6	74.4

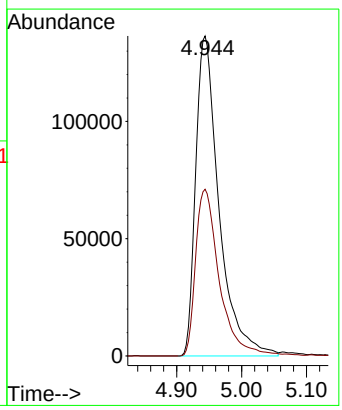


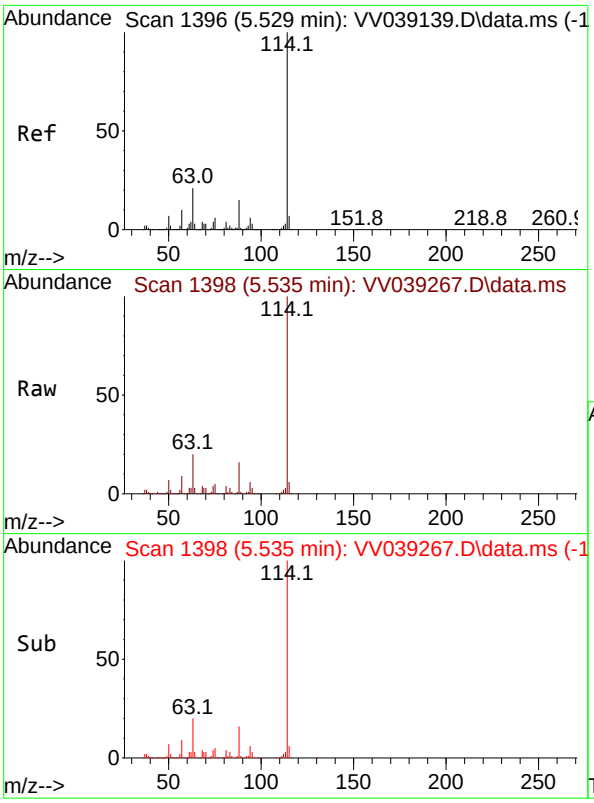


#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 65 Resp: 340870

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0



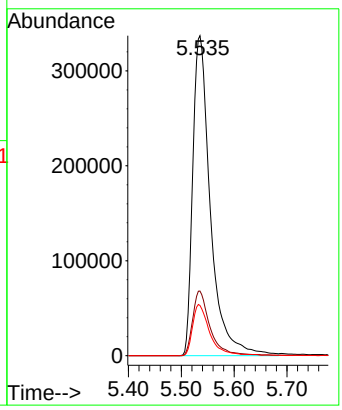


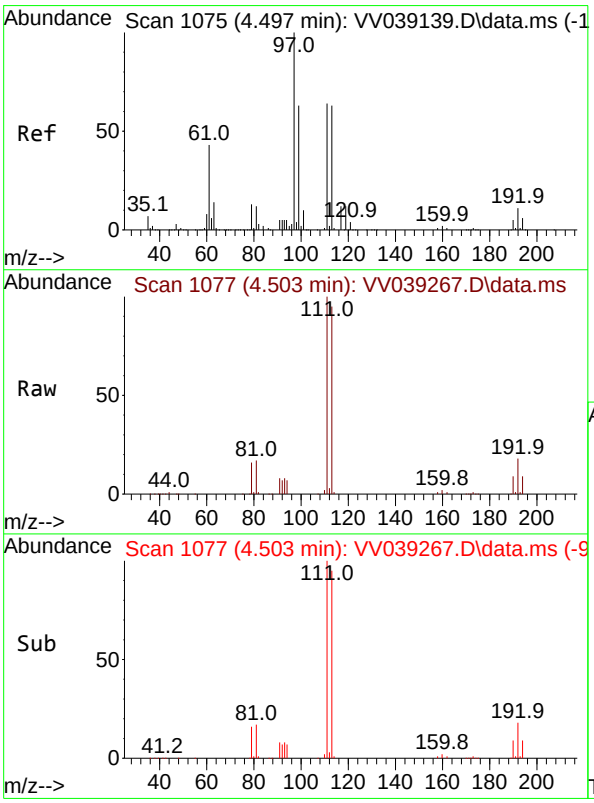
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:114 Resp: 783914

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.7	0.0	30.8

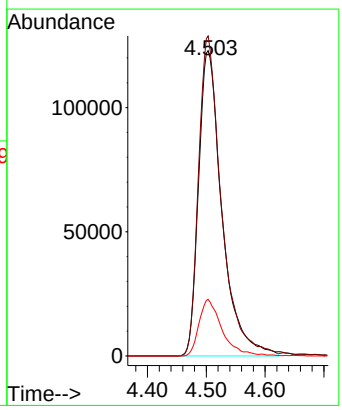


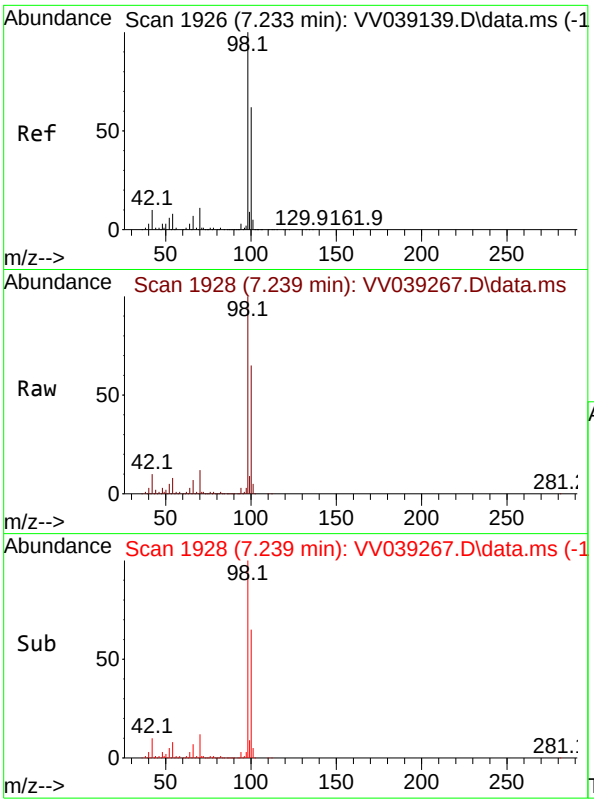


#35
Dibromofluoromethane
Concen: 53.816 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:113 Resp: 339151

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	18.0	13.8	20.8



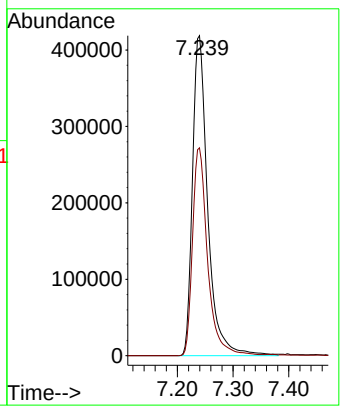


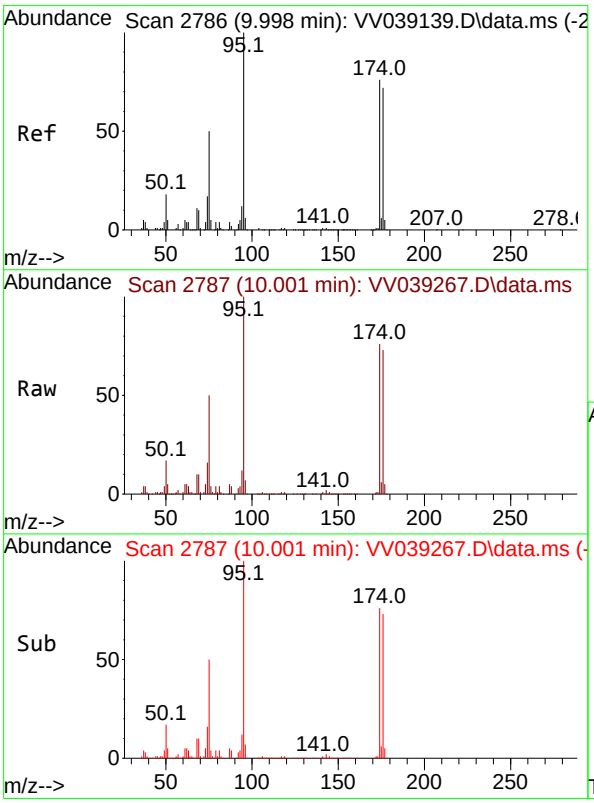
#50
Toluene-d8
Concen: 43.023 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 98 Resp: 796316

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

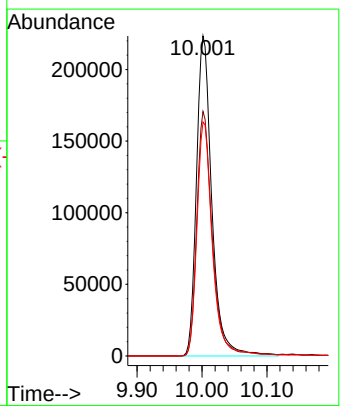


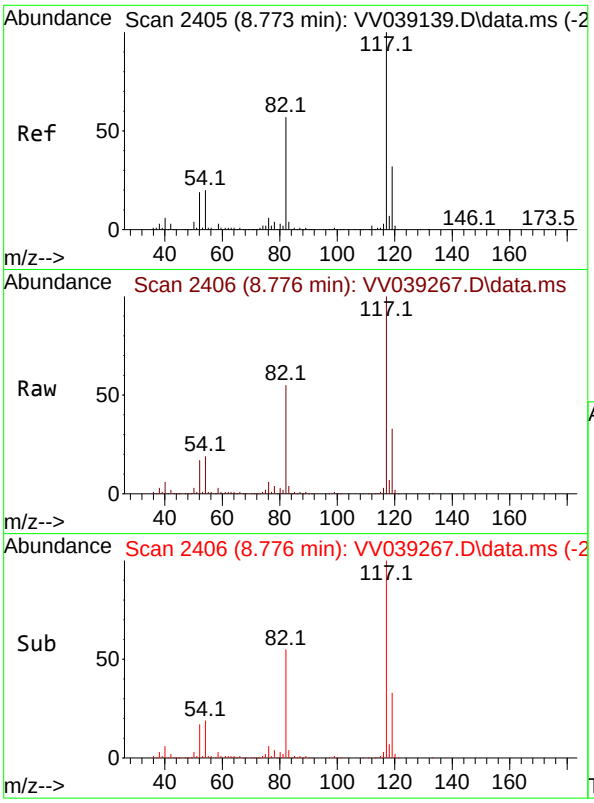


#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 95 Resp: 368553

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	73.6	0.0	144.2



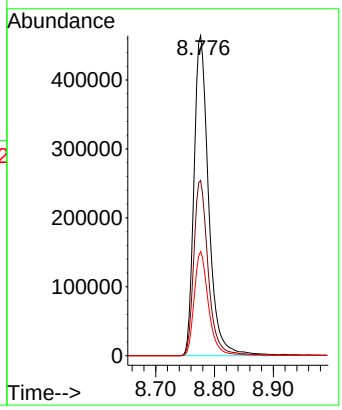


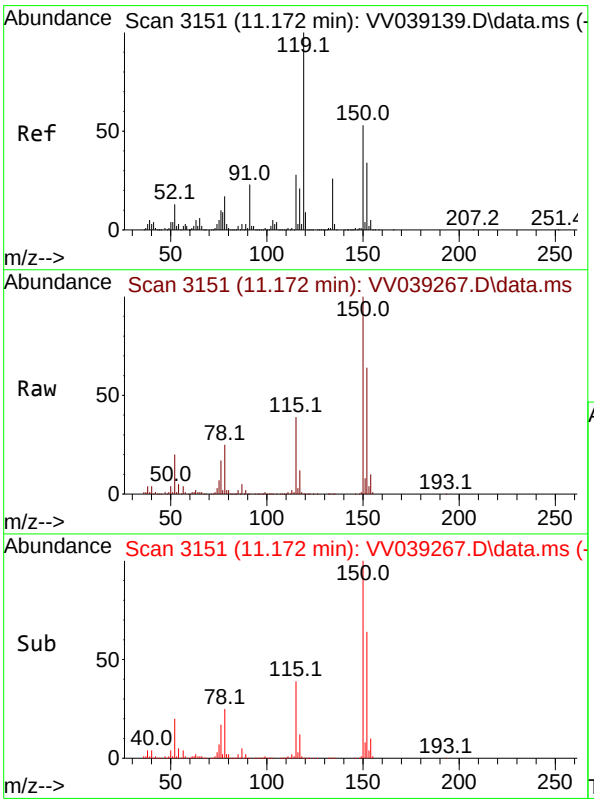
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:117 Resp: 804136

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.4	68.2
119	32.6	25.6	38.4

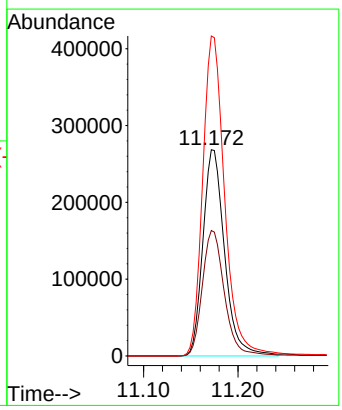




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:152 Resp: 428242

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.8	134.4
150	158.0	0.0	353.8



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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VX048011.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	334000	6.745			
3114-55-4	Chlorobenzene-d5	343000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	172000	12.006			

Raw Data: **VX048011.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3201
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048011.D
Acq On : 06 Oct 2025 09:44
Operator : JC/MD
Sample : VX1006WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Quant Time: Oct 07 02:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

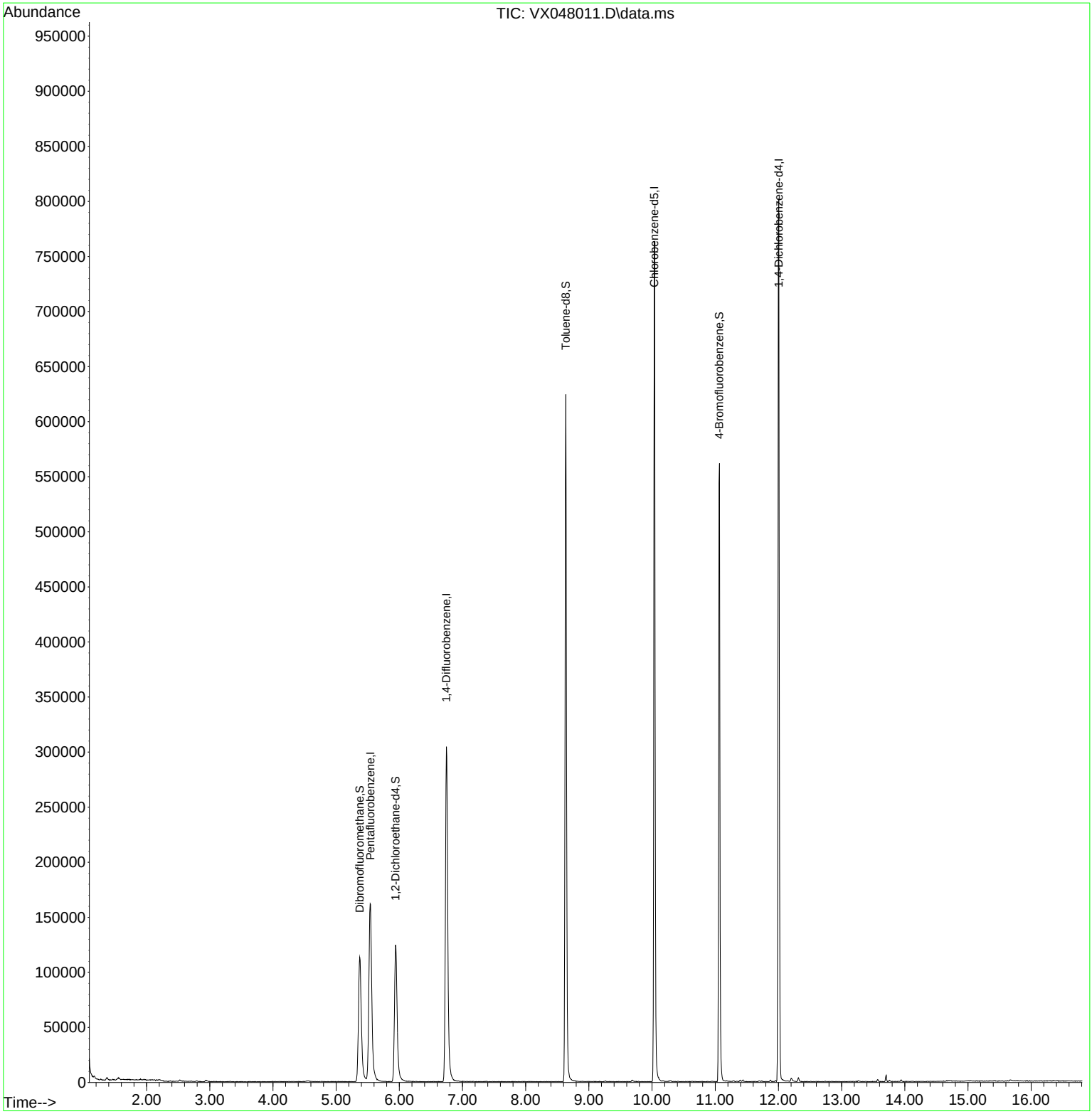
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	163752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	135132	51.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.680%			
35) Dibromofluoromethane	5.373	113	110438	49.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.635	98	378416	48.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.760%			
62) 4-Bromofluorobenzene	11.061	95	161318	54.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.820%			
Target Compounds						Qvalue

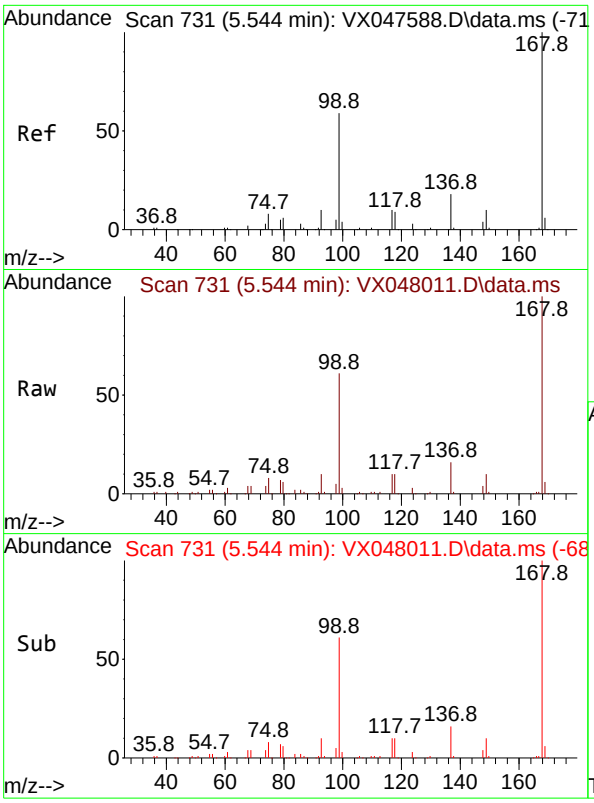
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048011.D
Acq On : 06 Oct 2025 09:44
Operator : JC/MD
Sample : VX1006WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Quant Time: Oct 07 02:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



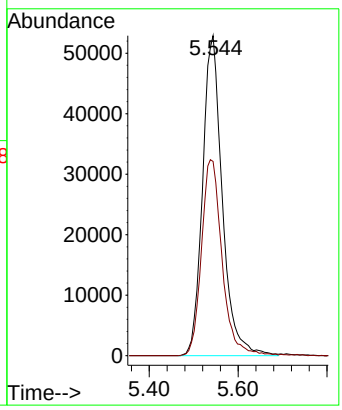


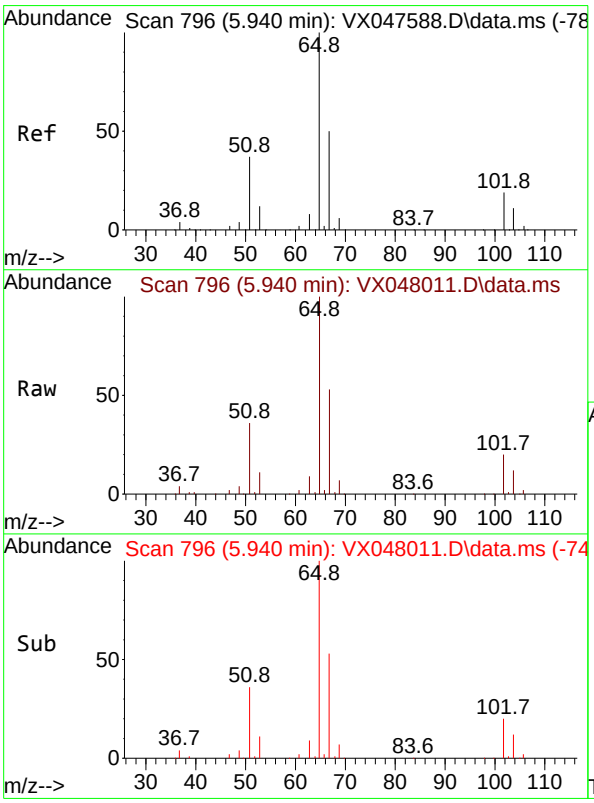
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion:168 Resp: 163752

Ion	Ratio	Lower	Upper
168	100		
99	60.7	48.8	73.2

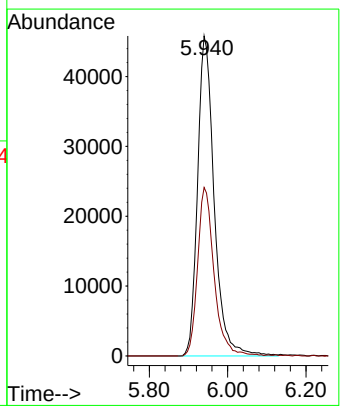


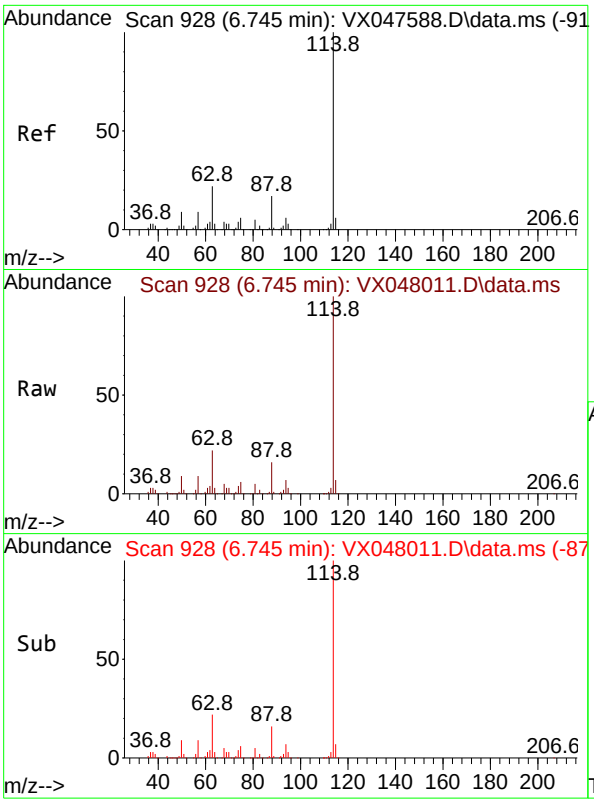


#33
1,2-Dichloroethane-d4
Concen: 51.844 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 65 Resp: 135132

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



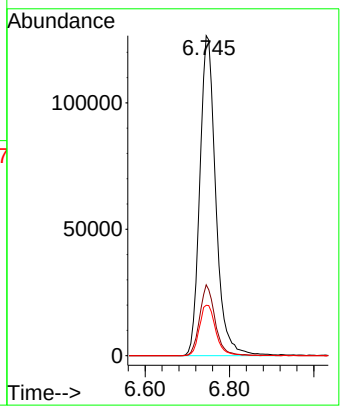


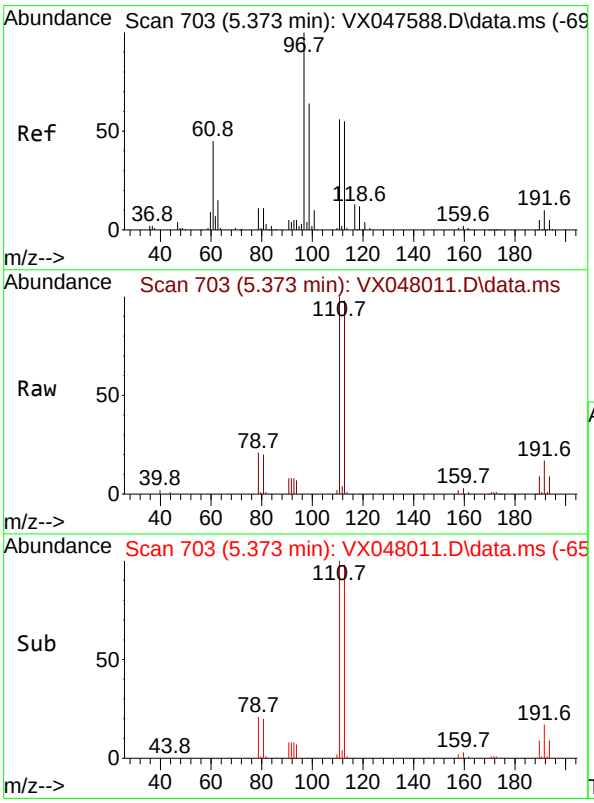
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion:114 Resp: 333598

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	15.8	0.0	34.2

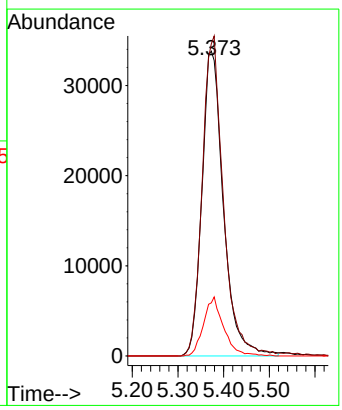


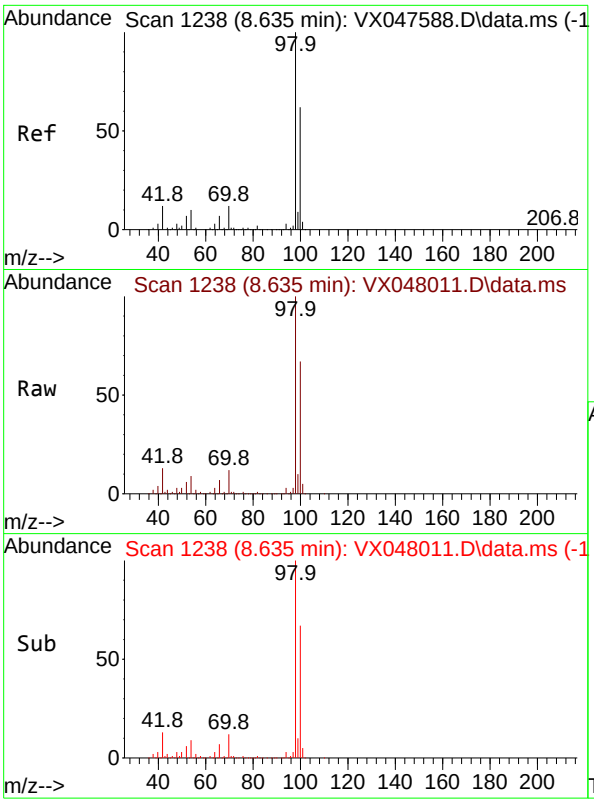


#35
Dibromofluoromethane
Concen: 49.362 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion:113 Resp: 110438

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.9	121.3
192	18.1	14.2	21.4



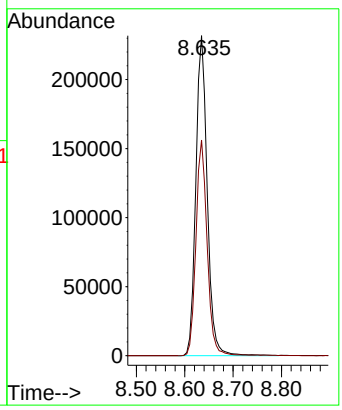


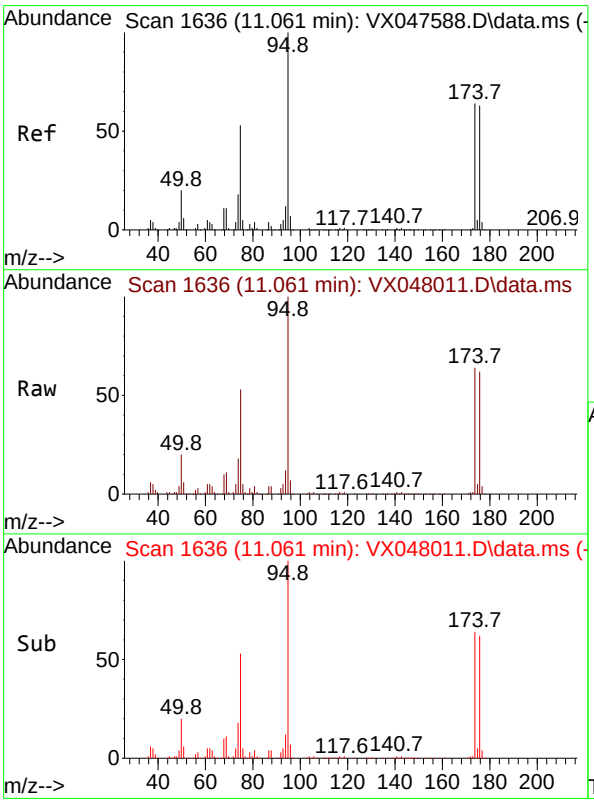
#50
Toluene-d8
Concen: 48.882 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion: 98 Resp: 378416

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

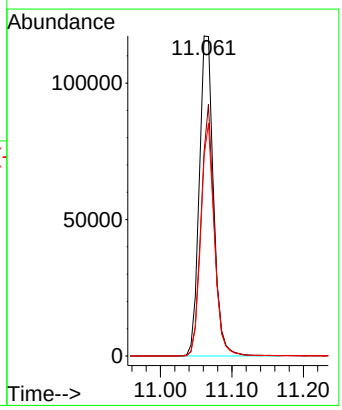


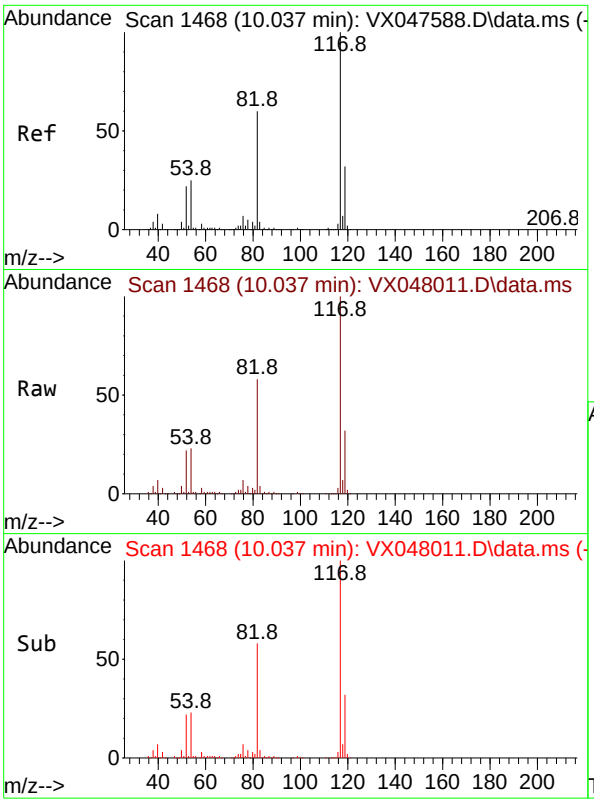


#62
4-Bromofluorobenzene
Concen: 54.907 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 95 Resp: 161318

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	141.6
176	69.4	0.0	138.4



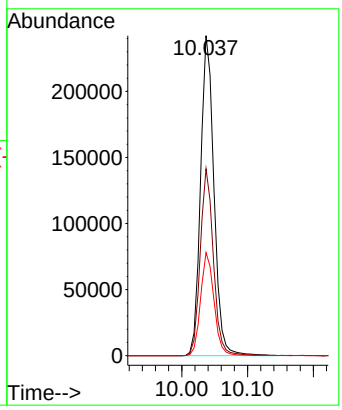


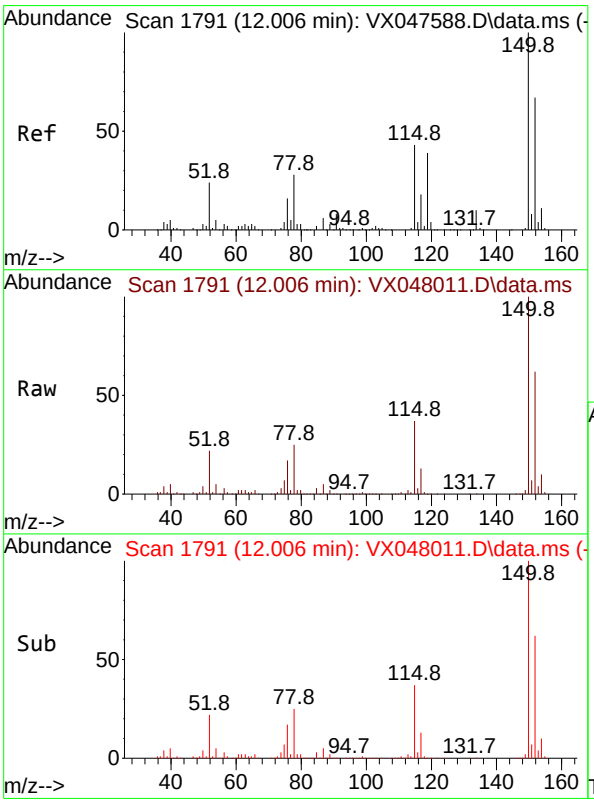
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion:117 Resp: 343343

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.2	25.2	37.8

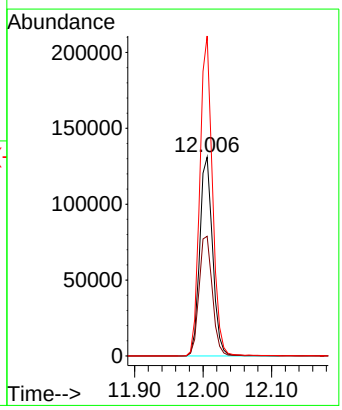




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion:152 Resp: 171990

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	157.8	0.0	352.0



Raw Data: **VV039245.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.6		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.26	1.00	ug/L
74-83-9	Bromomethane	18.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.1		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.4		1.50	5.00	ug/L
78-93-3	2-Butanone	89.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.3		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.1		0.16	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

Raw Data: **VV039245.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	43.1		0.24	2.00	ug/L
95-47-6	o-Xylene	21.5		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	21.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.7		70 (74) - 130 (125)	83%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	45.8		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	559000	4.596			
540-36-3	1,4-Difluorobenzene	866000	5.532			
3114-55-4	Chlorobenzene-d5	845000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	506000	11.172			

Raw Data: **VV039245.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	559480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	866328	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	845304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	506399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	337839	41.722	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 83.440%			
35) Dibromofluoromethane	4.500	113	345571	49.618	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 99.240%			
50) Toluene-d8	7.236	98	936652	45.791	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.580%			
62) 4-Bromofluorobenzene	9.998	95	449945	53.433	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	147312	16.633	ug/l	99
3) Chloromethane	1.230	50	159153	16.739	ug/l	98
4) Vinyl Chloride	1.297	62	178439	17.531	ug/l	100
5) Bromomethane	1.500	94	120645	18.802	ug/l	100
6) Chloroethane	1.561	64	116472	18.144	ug/l	97
7) Trichlorofluoromethane	1.725	101	280975	19.066	ug/l	100
8) Diethyl Ether	1.918	74	101959	18.637	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	169365	19.315	ug/l	96
10) Methyl Iodide	2.198	142	183933	22.028	ug/l	99
11) Tert butyl alcohol	2.564	59	154118	90.054	ug/l	96
12) 1,1-Dichloroethene	2.082	96	158669	18.810	ug/l	94
13) Acrolein	2.011	56	15337	51.646	ug/l	93
14) Allyl chloride	2.359	41	264501	17.554	ug/l	98
15) Acrylonitrile	2.674	53	487507	88.861	ug/l	99
16) Acetone	2.117	43	488555	91.016	ug/l	97
17) Carbon Disulfide	2.252	76	413185	16.016	ug/l	99
18) Methyl Acetate	2.381	43	253442	21.125	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	532207	19.799	ug/l	99
20) Methylene Chloride	2.455	84	188042	19.948	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	166888	18.584	ug/l	98
22) Diisopropyl ether	3.214	45	522821	18.135	ug/l	82
23) Vinyl Acetate	3.188	43	2220327	88.039	ug/l	97
24) 1,1-Dichloroethane	3.117	63	320962	18.205	ug/l	98
25) 2-Butanone	3.867	43	577685	89.093	ug/l	98
26) 2,2-Dichloropropane	3.812	77	274205	17.541	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	190466	19.231	ug/l	95
28) Bromochloromethane	4.146	49	150145	19.291	ug/l	90
29) Tetrahydrofuran	4.236	42	347741	85.681	ug/l	96
30) Chloroform	4.278	83	333971	18.141	ug/l	98
31) Cyclohexane	4.584	56	237069	16.415	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	289772	18.181	ug/l	97
36) 1,1-Dichloropropene	4.744	75	198893	18.889	ug/l	98
37) Ethyl Acetate	3.982	43	217952	17.058	ug/l #	88
38) Carbon Tetrachloride	4.731	117	247222	19.211	ug/l	99
39) Methylcyclohexane	6.046	83	217981	17.142	ug/l	95
40) Benzene	5.008	78	664341	19.375	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.166	41	93853	17.536	ug/l		91
42) 1,2-Dichloroethane	5.040	62	226266	18.833	ug/l		97
43) Isopropyl Acetate	5.194	43	331315	19.018	ug/l		98
44) Trichloroethene	5.831	130	164874	20.838	ug/l		98
45) 1,2-Dichloropropane	6.088	63	169707	19.912	ug/l		93
46) Dibromomethane	6.227	93	128921	19.764	ug/l		94
47) Bromodichloromethane	6.426	83	260291	19.302	ug/l		99
48) Methyl methacrylate	6.301	41	143613	18.186	ug/l		95
49) 1,4-Dioxane	6.294	88	48393	379.726	ug/l		99
51) 4-Methyl-2-Pentanone	7.146	43	1148145	100.178	ug/l		99
52) Toluene	7.307	92	415826	20.916	ug/l		98
53) t-1,3-Dichloropropene	7.574	75	247740	21.080	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	271589	20.933	ug/l		97
55) 1,1,2-Trichloroethane	7.760	97	178056	19.974	ug/l		96
56) Ethyl methacrylate	7.715	69	217780	20.572	ug/l		95
57) 1,3-Dichloropropane	7.934	76	287981	20.470	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.812	63	475072	86.041	ug/l		96
59) 2-Hexanone	8.062	43	835938	91.844	ug/l		99
60) Dibromochloromethane	8.169	129	210459	20.720	ug/l		98
61) 1,2-Dibromoethane	8.275	107	187426	20.559	ug/l		99
64) Tetrachloroethene	7.895	164	143810	20.312	ug/l		98
65) Chlorobenzene	8.805	112	476325	20.230	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.898	131	172386	20.263	ug/l		99
67) Ethyl Benzene	8.937	91	720606	20.218	ug/l		98
68) m/p-Xylenes	9.062	106	592787	43.093	ug/l		99
69) o-Xylene	9.468	106	261997	21.510	ug/l		97
70) Styrene	9.487	104	486013	19.731	ug/l		99
71) Bromoform	9.654	173	142741	21.480	ug/l	#	99
73) Isopropylbenzene	9.853	105	730232	19.881	ug/l		100
74) N-amyl acetate	9.725	43	277738	18.957	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.165	83	292188	18.156	ug/l		99
76) 1,2,3-Trichloropropane	10.197	75	208818	18.111	ug/l		97
77) Bromobenzene	10.140	156	197841	20.761	ug/l		94
78) n-propylbenzene	10.278	91	870650	19.466	ug/l		98
79) 2-Chlorotoluene	10.345	91	552648	20.649	ug/l		100
80) 1,3,5-Trimethylbenzene	10.464	105	623906	20.437	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.927	75	91130	18.975	ug/l		98
82) 4-Chlorotoluene	10.461	91	637564	20.544	ug/l		98
83) tert-Butylbenzene	10.789	119	586432	19.264	ug/l		98
84) 1,2,4-Trimethylbenzene	10.841	105	608680	20.537	ug/l		97
85) sec-Butylbenzene	11.011	105	764641	18.937	ug/l		99
86) p-Isopropyltoluene	11.165	119	646503	19.237	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	388162	20.127	ug/l		99
88) 1,4-Dichlorobenzene	11.197	146	408220	19.293	ug/l		100
89) n-Butylbenzene	11.580	91	586984	18.289	ug/l		99
90) Hexachloroethane	11.818	117	137547	16.621	ug/l		95
91) 1,2-Dichlorobenzene	11.567	146	355232	19.715	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	58842	20.532	ug/l		99
93) 1,2,4-Trichlorobenzene	13.184	180	208698	20.205	ug/l		99
94) Hexachlorobutadiene	13.368	225	90851	16.928	ug/l		99
95) Naphthalene	13.426	128	654167	19.595	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	209698	19.850	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

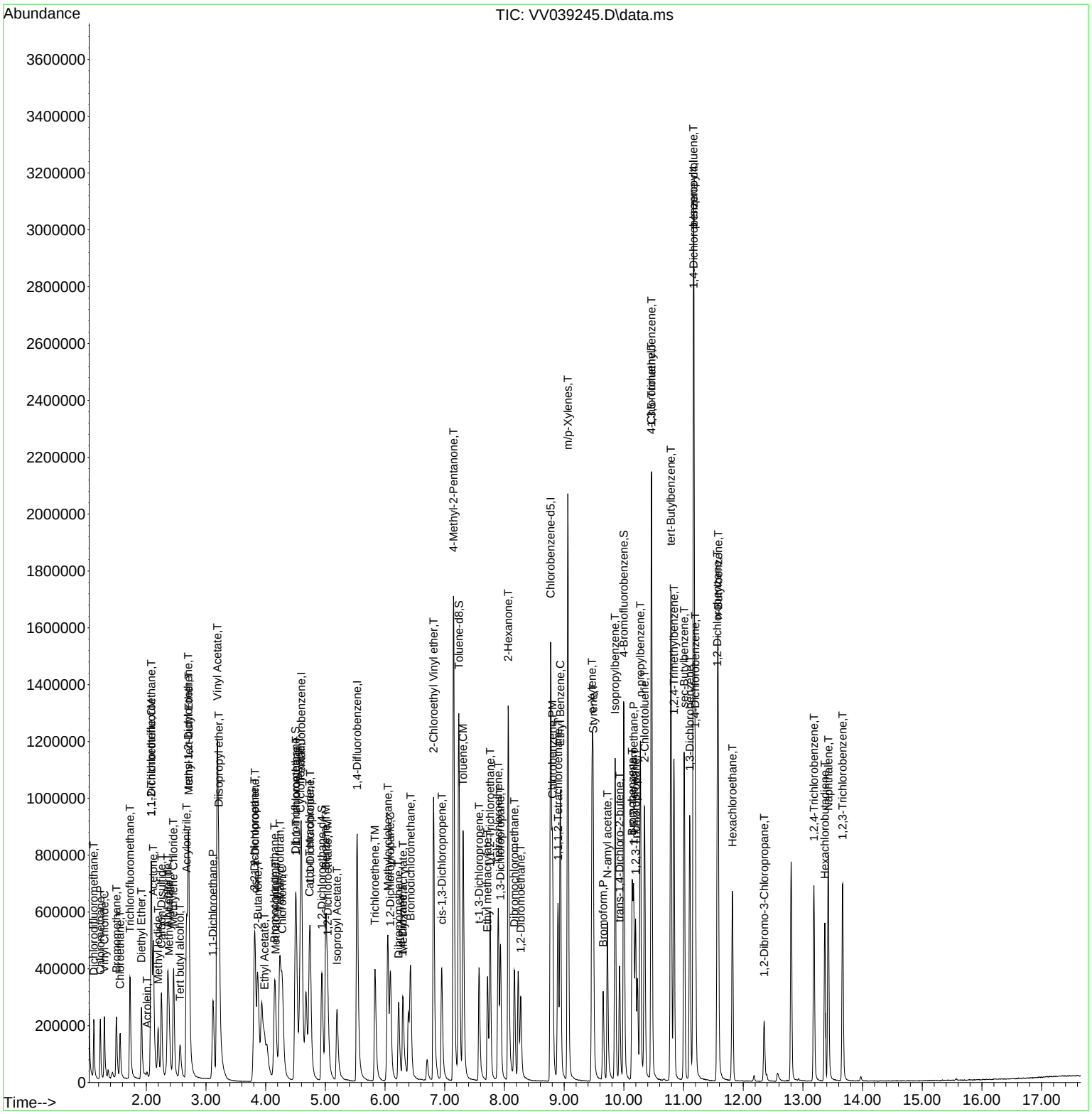
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039245.D
Acq On : 03 Oct 2025 13:07
Operator : SY/MD
Sample : VV1003WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBS01

Quant Time: Oct 04 01:08:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Raw Data: **VV039268.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039268.D	1	10/06/25 13:01	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
74-83-9	Bromomethane	17.1		1.40	5.00	ug/L
75-00-3	Chloroethane	21.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.4		0.23	1.00	ug/L
67-64-1	Acetone	91.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.3		1.50	5.00	ug/L
78-93-3	2-Butanone	97.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	1.00	ug/L
67-66-3	Chloroform	18.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.3		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

Raw Data: **VV039268.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039268.D	1	10/06/25 13:01	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	21.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.1		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	44.0		0.24	2.00	ug/L
95-47-6	o-Xylene	21.9		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	22.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.4		70 (74) - 130 (125)	89%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	527000	4.6			
540-36-3	1,4-Difluorobenzene	830000	5.532			
3114-55-4	Chlorobenzene-d5	815000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	500000	11.172			

Raw Data: **VV039268.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1006WBS01	SDG No.:	Q3201
Lab Sample ID:	VV1006WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039268.D	1	10/06/25 13:01	VV100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	527068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	830218	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	815170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	499953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	338703	44.401	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 88.800%			
35) Dibromofluoromethane	4.500	113	340112	50.959	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.920%			
50) Toluene-d8	7.236	98	927508	47.316	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.640%			
62) 4-Bromofluorobenzene	10.001	95	448797	55.614	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 111.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	139015	16.662	ug/l	99
3) Chloromethane	1.230	50	149826	16.727	ug/l	99
4) Vinyl Chloride	1.298	62	170586	17.790	ug/l	98
5) Bromomethane	1.497	94	103512	17.124	ug/l	100
6) Chloroethane	1.561	64	126939	21.219	ug/l	100
7) Trichlorofluoromethane	1.725	101	266595	19.203	ug/l	100
8) Diethyl Ether	1.918	74	100028	19.408	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	162419	19.662	ug/l	96
10) Methyl Iodide	2.198	142	139690	17.758	ug/l	99
11) Tert butyl alcohol	2.568	59	178395	110.650	ug/l	100
12) 1,1-Dichloroethene	2.082	96	154217	19.406	ug/l	94
13) Acrolein	2.015	56	11498	41.100	ug/l	96
14) Allyl chloride	2.359	41	256475	18.068	ug/l	95
15) Acrylonitrile	2.674	53	510547	98.784	ug/l	99
16) Acetone	2.121	43	462445	91.482	ug/l	99
17) Carbon Disulfide	2.253	76	409655	16.856	ug/l	100
18) Methyl Acetate	2.381	43	264354	23.389	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	531880	21.004	ug/l	98
20) Methylene Chloride	2.455	84	184333	20.849	ug/l	92
21) trans-1,2-Dichloroethene	2.703	96	163794	19.361	ug/l	98
22) Diisopropyl ether	3.217	45	525952	19.365	ug/l	93
23) Vinyl Acetate	3.191	43	2225627	93.676	ug/l	97
24) 1,1-Dichloroethane	3.118	63	319925	19.262	ug/l	98
25) 2-Butanone	3.870	43	594962	97.400	ug/l	98
26) 2,2-Dichloropropane	3.809	77	263919	17.921	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	186221	19.958	ug/l	97
28) Bromochloromethane	4.150	49	159382	21.737	ug/l	88
29) Tetrahydrofuran	4.240	42	373183	97.604	ug/l	96
30) Chloroform	4.278	83	326625	18.833	ug/l	98
31) Cyclohexane	4.580	56	221556	16.284	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	285795	19.034	ug/l	97
36) 1,1-Dichloropropene	4.744	75	194548	19.280	ug/l	98
37) Ethyl Acetate	3.982	43	230495	18.824	ug/l	99
38) Carbon Tetrachloride	4.735	117	241073	19.548	ug/l	99
39) Methylcyclohexane	6.047	83	210957	17.311	ug/l	97
40) Benzene	5.008	78	651715	19.833	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.162	41	97082	18.776	ug/l		92
42) 1,2-Dichloroethane	5.040	62	224925	19.536	ug/l		99
43) Isopropyl Acetate	5.195	43	336690	20.167	ug/l		97
44) Trichloroethene	5.831	130	156385	20.625	ug/l		99
45) 1,2-Dichloropropane	6.088	63	159115	19.482	ug/l		96
46) Dibromomethane	6.227	93	130588	20.890	ug/l		95
47) Bromodichloromethane	6.426	83	259328	20.067	ug/l		99
48) Methyl methacrylate	6.301	41	148201	19.583	ug/l		96
49) 1,4-Dioxane	6.297	88	52350	428.642	ug/l		96
51) 4-Methyl-2-Pentanone	7.149	43	1197410	109.020	ug/l		98
52) Toluene	7.310	92	406421	21.332	ug/l		100
53) t-1,3-Dichloropropene	7.577	75	244211	21.684	ug/l		98
54) cis-1,3-Dichloropropene	6.950	75	271456	21.833	ug/l		96
55) 1,1,2-Trichloroethane	7.760	97	180593	21.140	ug/l		96
56) Ethyl methacrylate	7.719	69	219796	21.666	ug/l		97
57) 1,3-Dichloropropane	7.934	76	279212	20.710	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.815	63	450595	85.256	ug/l		97
59) 2-Hexanone	8.066	43	876466	100.266	ug/l		99
60) Dibromochloromethane	8.169	129	207193	21.286	ug/l		98
61) 1,2-Dibromoethane	8.275	107	190812	21.841	ug/l		100
64) Tetrachloroethene	7.895	164	137556	20.147	ug/l		99
65) Chlorobenzene	8.805	112	471780	20.778	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	175052	21.337	ug/l		98
67) Ethyl Benzene	8.937	91	709730	20.649	ug/l		99
68) m/p-Xylenes	9.063	106	583751	44.005	ug/l		99
69) o-Xylene	9.468	106	257164	21.894	ug/l		98
70) Styrene	9.487	104	484260	20.337	ug/l		98
71) Bromoform	9.654	173	143243	22.352	ug/l	#	98
73) Isopropylbenzene	9.857	105	718263	19.808	ug/l		99
74) N-amyl acetate	9.725	43	283274	19.585	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.165	83	299775	18.868	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	225450	19.806	ug/l		97
77) Bromobenzene	10.143	156	194118	20.633	ug/l		95
78) n-propylbenzene	10.278	91	859265	19.459	ug/l		98
79) 2-Chlorotoluene	10.349	91	544453	20.605	ug/l		100
80) 1,3,5-Trimethylbenzene	10.464	105	608916	20.203	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.928	75	88371	18.637	ug/l		98
82) 4-Chlorotoluene	10.464	91	638047	20.825	ug/l		99
83) tert-Butylbenzene	10.789	119	580986	19.331	ug/l		99
84) 1,2,4-Trimethylbenzene	10.841	105	606570	20.729	ug/l		99
85) sec-Butylbenzene	11.014	105	746133	18.717	ug/l		99
86) p-Isopropyltoluene	11.169	119	634984	19.138	ug/l		99
87) 1,3-Dichlorobenzene	11.108	146	376684	19.783	ug/l		99
88) 1,4-Dichlorobenzene	11.198	146	400394	19.167	ug/l		98
89) n-Butylbenzene	11.580	91	584712	18.453	ug/l		99
90) Hexachloroethane	11.821	117	138340	16.932	ug/l		97
91) 1,2-Dichlorobenzene	11.567	146	351285	19.747	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	59576	21.068	ug/l		93
93) 1,2,4-Trichlorobenzene	13.185	180	207321	20.331	ug/l		99
94) Hexachlorobutadiene	13.368	225	89509	16.893	ug/l		98
95) Naphthalene	13.426	128	670606	20.346	ug/l		100
96) 1,2,3-Trichlorobenzene	13.667	180	212131	20.340	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

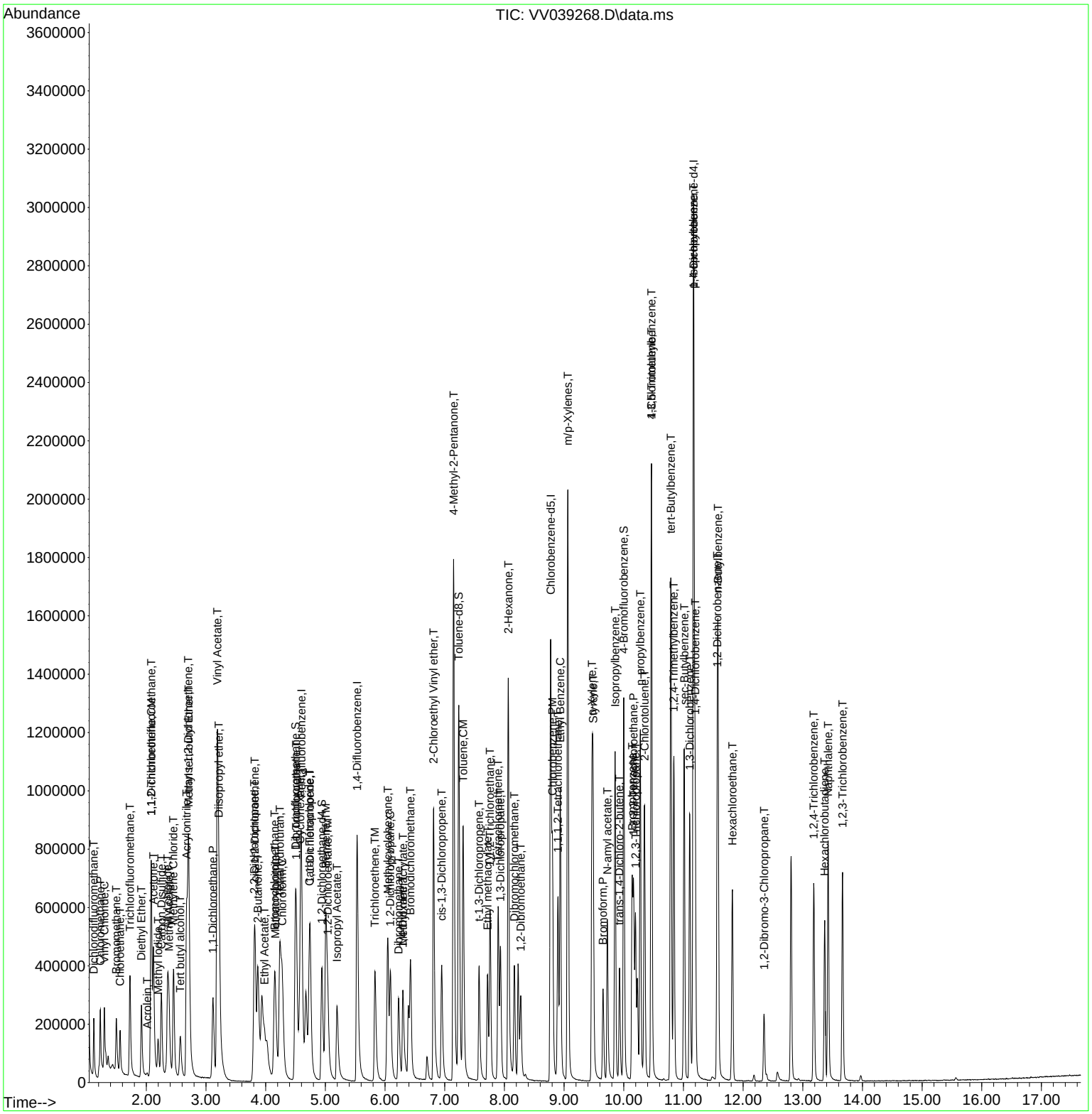
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039268.D
Acq On : 06 Oct 2025 13:01
Operator : SY/MD
Sample : VV1006WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Quant Time: Oct 07 03:32:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



Raw Data: **VX048014.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3201
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.4		0.22	1.00	ug/L
74-87-3	Chloromethane	15.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
74-83-9	Bromomethane	14.1		1.40	5.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	80.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
67-64-1	Acetone	78.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	16.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.0		1.50	5.00	ug/L
78-93-3	2-Butanone	85.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.0		0.22	1.00	ug/L
67-66-3	Chloroform	18.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.6		0.16	1.00	ug/L
71-43-2	Benzene	18.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.7		0.68	5.00	ug/L

Raw Data: **VX048014.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3201
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	18.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	279000	6.745			
3114-55-4	Chlorobenzene-d5	253000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	127000	12.006			

Raw Data: **VX048014.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3201
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX048014.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	164419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112693	43.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 86.120%			
35) Dibromofluoromethane	5.379	113	88738	47.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.780%			
50) Toluene-d8	8.634	98	306290	47.269	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.540%			
62) 4-Bromofluorobenzene	11.061	95	115107	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	31333	18.403	ug/l	96
3) Chloromethane	1.300	50	34052	15.218	ug/l	97
4) Vinyl Chloride	1.380	62	37697	17.210	ug/l	99
5) Bromomethane	1.617	94	19518	14.052	ug/l	89
6) Chloroethane	1.697	64	25102	17.146	ug/l	92
7) Trichlorofluoromethane	1.898	101	60802	18.695	ug/l	99
8) Diethyl Ether	2.136	74	21922	16.477	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	37043	19.479	ug/l	99
10) Methyl Iodide	2.459	142	39476	13.310	ug/l	98
11) Tert butyl alcohol	2.940	59	23415	80.332	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34503	17.662	ug/l	98
13) Acrolein	2.239	56	49862	185.635	ug/l	97
14) Allyl chloride	2.666	41	64626	16.032	ug/l	99
15) Acrylonitrile	3.062	53	98346	91.090	ug/l	97
16) Acetone	2.373	43	88884	78.110	ug/l	98
17) Carbon Disulfide	2.520	76	85084	15.910	ug/l	97
18) Methyl Acetate	2.703	43	48297	19.071	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	121914	17.096	ug/l	98
20) Methylene Chloride	2.788	84	40333	16.745	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	36145	17.186	ug/l	98
22) Diisopropyl ether	3.751	45	138188	17.689	ug/l #	84
23) Vinyl Acetate	3.715	43	531551	85.014	ug/l	100
24) 1,1-Dichloroethane	3.605	63	73779	17.768	ug/l	96
25) 2-Butanone	4.544	43	120993	85.240	ug/l	99
26) 2,2-Dichloropropane	4.471	77	62329	18.058	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	44926	17.443	ug/l	99
28) Bromochloromethane	4.891	49	34354	18.951	ug/l	100
29) Tetrahydrofuran	4.995	42	73460	86.029	ug/l	100
30) Chloroform	5.080	83	78236	18.645	ug/l	97
31) Cyclohexane	5.458	56	58909	17.034	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	67102	18.854	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48874	17.861	ug/l	99
37) Ethyl Acetate	4.708	43	48839	16.669	ug/l	99
38) Carbon Tetrachloride	5.672	117	58184	19.570	ug/l	97
39) Methylcyclohexane	7.366	83	54588	17.574	ug/l	95
40) Benzene	6.025	78	151475	18.226	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	27057	17.888	ug/l		96
42) 1,2-Dichloroethane	6.074	62	57798	18.278	ug/l		97
43) Isopropyl Acetate	6.324	43	85430	17.779	ug/l		100
44) Trichloroethene	7.110	130	37725	18.775	ug/l		95
45) 1,2-Dichloropropane	7.415	63	40931	19.233	ug/l		98
46) Dibromomethane	7.568	93	28907	18.666	ug/l		99
47) Bromodichloromethane	7.805	83	60643	18.976	ug/l		96
48) Methyl methacrylate	7.677	41	41003	17.131	ug/l		98
49) 1,4-Dioxane	7.647	88	10772	445.327	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	255089	95.747	ug/l		100
52) Toluene	8.702	92	96602	18.866	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	57749	17.716	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	64754	18.586	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	38549	19.524	ug/l		98
56) Ethyl methacrylate	9.104	69	55086	17.765	ug/l		99
57) 1,3-Dichloropropane	9.293	76	66503	19.608	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.226	63	127894	93.558	ug/l		99
59) 2-Hexanone	9.415	43	176211	92.091	ug/l		99
60) Dibromochloromethane	9.506	129	45569	20.031	ug/l		99
61) 1,2-Dibromoethane	9.598	107	38612	19.200	ug/l		98
64) Tetrachloroethene	9.256	164	30944	18.738	ug/l		96
65) Chlorobenzene	10.061	112	107635	18.703	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	38451	19.362	ug/l		100
67) Ethyl Benzene	10.177	91	182481	18.377	ug/l		98
68) m/p-Xylenes	10.287	106	139102	37.636	ug/l		97
69) o-Xylene	10.622	106	65769	18.397	ug/l		98
70) Styrene	10.640	104	114309	18.249	ug/l		99
71) Bromoform	10.780	173	28275	19.068	ug/l	#	98
73) Isopropylbenzene	10.945	105	175020	18.170	ug/l		100
74) N-amyl acetate	10.829	43	73123	16.647	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54864	18.825	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	47442m	18.494	ug/l		
77) Bromobenzene	11.183	156	41905	17.663	ug/l		97
78) n-propylbenzene	11.286	91	208714	18.329	ug/l		100
79) 2-Chlorotoluene	11.347	91	125180	17.949	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	144131	18.212	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	15722	15.629	ug/l		97
82) 4-Chlorotoluene	11.439	91	148433	18.020	ug/l		99
83) tert-Butylbenzene	11.695	119	146251	18.052	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	142546	17.766	ug/l		96
85) sec-Butylbenzene	11.872	105	175128	18.199	ug/l		100
86) p-Isopropyltoluene	11.994	119	145725	17.888	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79735	18.094	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	80816	17.869	ug/l		98
89) n-Butylbenzene	12.317	91	134912	17.897	ug/l		98
90) Hexachloroethane	12.518	117	26886	18.797	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	74860	17.831	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	9946	16.856	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	44381	16.266	ug/l		97
94) Hexachlorobutadiene	13.707	225	15887	17.142	ug/l		97
95) Naphthalene	13.756	128	130919	15.758	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	42450	16.725	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

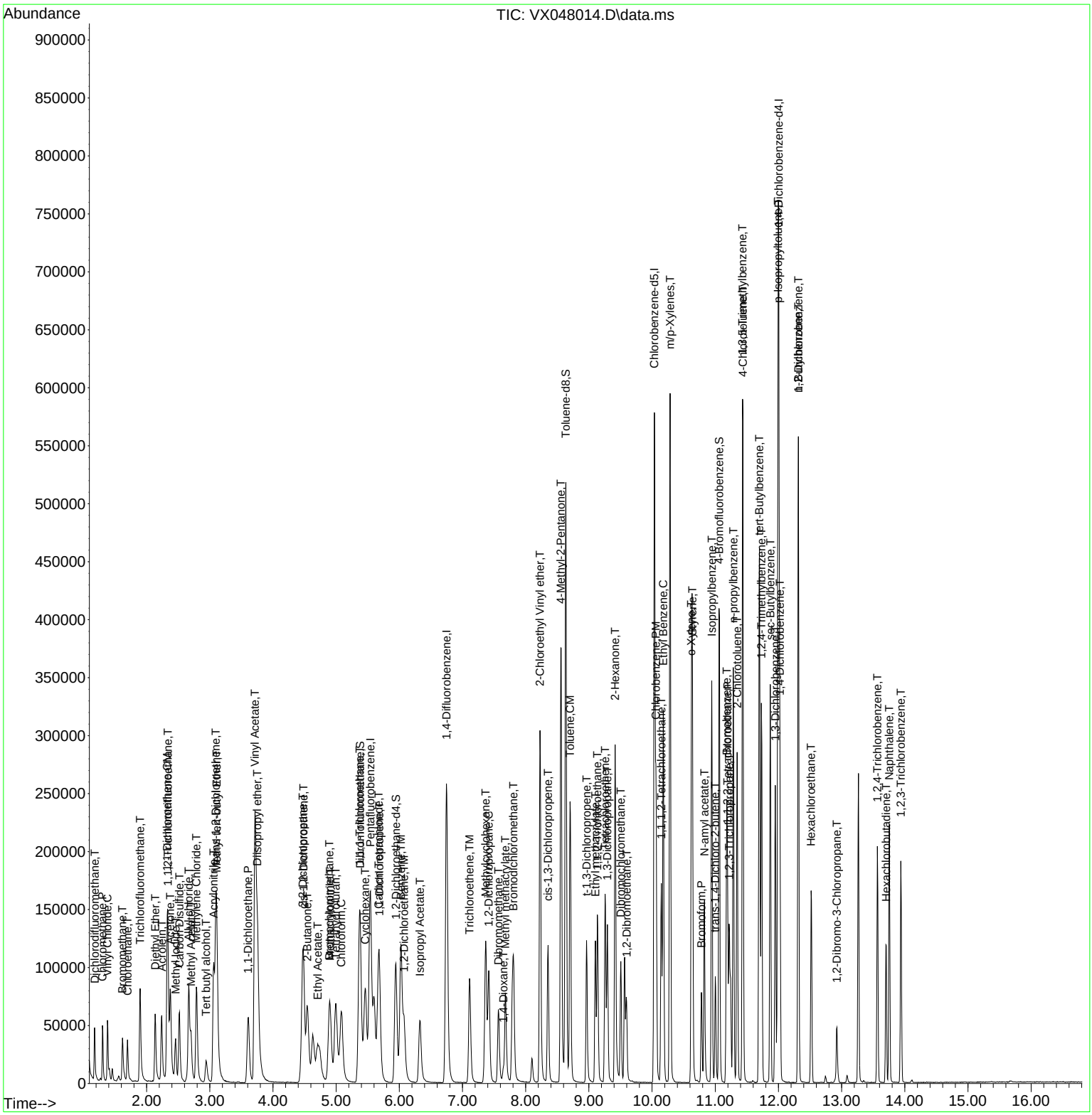
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



Raw Data: **VV039246.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.4		0.22	1.00	ug/L
74-87-3	Chloromethane	16.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.0		1.40	5.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	98.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
67-64-1	Acetone	93.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.4		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.3		1.50	5.00	ug/L
78-93-3	2-Butanone	93.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.6		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.0		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L

Raw Data: **VV039246.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	95.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	43.3		0.24	2.00	ug/L
95-47-6	o-Xylene	21.8		0.12	1.00	ug/L
100-42-5	Styrene	19.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.0		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.8		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	45.3		70 (86) - 130 (113)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	531000	4.603			
540-36-3	1,4-Difluorobenzene	835000	5.535			
3114-55-4	Chlorobenzene-d5	808000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	481000	11.172			

Raw Data: **VV039246.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3201
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	530712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	834883	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	807929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	328654	42.788	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 85.580%			
35) Dibromofluoromethane	4.503	113	326044	48.578	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.160%			
50) Toluene-d8	7.236	98	892549	45.278	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.560%			
62) 4-Bromofluorobenzene	10.001	95	431498	53.172	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	138162	16.446	ug/l	97
3) Chloromethane	1.230	50	148206	16.433	ug/l	100
4) Vinyl Chloride	1.298	62	163797	16.965	ug/l	99
5) Bromomethane	1.497	94	115699	19.009	ug/l	98
6) Chloroethane	1.561	64	108471	17.788	ug/l	98
7) Trichlorofluoromethane	1.728	101	262214	18.758	ug/l	99
8) Diethyl Ether	1.921	74	98190	18.921	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.085	101	164380	19.763	ug/l	98
10) Methyl Iodide	2.198	142	175456	22.151	ug/l	99
11) Tert butyl alcohol	2.568	59	159087	97.996	ug/l	99
12) 1,1-Dichloroethene	2.082	96	150016	18.748	ug/l	95
13) Acrolein	2.015	56	17374	61.677	ug/l	99
14) Allyl chloride	2.362	41	257886	18.042	ug/l	95
15) Acrylonitrile	2.674	53	492695	94.675	ug/l	99
16) Acetone	2.121	43	474589	93.370	ug/l	97
17) Carbon Disulfide	2.253	76	388682	15.883	ug/l	98
18) Methyl Acetate	2.381	43	244952	21.524	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	521032	20.434	ug/l	96
20) Methylene Chloride	2.458	84	180046	20.156	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	160169	18.803	ug/l	95
22) Diisopropyl ether	3.217	45	513200	18.766	ug/l	85
23) Vinyl Acetate	3.191	43	2200657	91.989	ug/l	97
24) 1,1-Dichloroethane	3.117	63	307499	18.387	ug/l	98
25) 2-Butanone	3.870	43	575336	93.540	ug/l	97
26) 2,2-Dichloropropane	3.815	77	259507	17.501	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	184518	19.640	ug/l	95
28) Bromochloromethane	4.146	49	144451	19.566	ug/l	90
29) Tetrahydrofuran	4.240	42	355912	92.448	ug/l	96
30) Chloroform	4.281	83	318542	18.241	ug/l	98
31) Cyclohexane	4.584	56	222742	16.259	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	277703	18.368	ug/l	97
36) 1,1-Dichloropropene	4.748	75	188879	18.613	ug/l	99
37) Ethyl Acetate	3.982	43	219152	17.798	ug/l	98
38) Carbon Tetrachloride	4.738	117	233151	18.800	ug/l	99
39) Methylcyclohexane	6.047	83	208027	16.976	ug/l	96
40) Benzene	5.011	78	637793	19.301	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	93622	18.084	ug/l	95
42) 1,2-Dichloroethane	5.043	62	221588	19.138	ug/l	97
43) Isopropyl Acetate	5.198	43	327228	19.491	ug/l	98
44) Trichloroethene	5.834	130	154476	20.259	ug/l	99
45) 1,2-Dichloropropane	6.092	63	156695	19.078	ug/l	98
46) Dibromomethane	6.227	93	126461	20.117	ug/l	95
47) Bromodichloromethane	6.429	83	252593	19.436	ug/l	98
48) Methyl methacrylate	6.301	41	144785	19.024	ug/l	95
49) 1,4-Dioxane	6.294	88	44086	358.959	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	1164431	105.425	ug/l	99
52) Toluene	7.310	92	400377	20.898	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	241108	21.288	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	263751	21.095	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	175184	20.392	ug/l	98
56) Ethyl methacrylate	7.719	69	215210	21.095	ug/l	96
57) 1,3-Dichloropropane	7.937	76	274772	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	474541	88.830	ug/l	97
59) 2-Hexanone	8.066	43	835694	95.188	ug/l	99
60) Dibromochloromethane	8.169	129	202074	20.644	ug/l	100
61) 1,2-Dibromoethane	8.275	107	188087	21.409	ug/l	98
64) Tetrachloroethene	7.899	164	138188	20.420	ug/l	96
65) Chlorobenzene	8.805	112	454849	20.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	168298	20.697	ug/l	98
67) Ethyl Benzene	8.937	91	689222	20.232	ug/l	98
68) m/p-Xylenes	9.063	106	568873	43.267	ug/l	99
69) o-Xylene	9.468	106	254107	21.827	ug/l	96
70) Styrene	9.487	104	461186	19.600	ug/l	99
71) Bromoform	9.654	173	140950	22.191	ug/l	98
73) Isopropylbenzene	9.857	105	699688	20.047	ug/l	100
74) N-amyl acetate	9.725	43	275038	19.756	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.165	83	287626	18.809	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	205482	18.755	ug/l	98
77) Bromobenzene	10.140	156	187797	20.739	ug/l	96
78) n-propylbenzene	10.278	91	831093	19.554	ug/l	98
79) 2-Chlorotoluene	10.349	91	523752	20.594	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	591210	20.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	89087	19.521	ug/l	99
82) 4-Chlorotoluene	10.464	91	608970	20.650	ug/l	99
83) tert-Butylbenzene	10.789	119	550870	19.043	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	581871	20.660	ug/l	98
85) sec-Butylbenzene	11.011	105	722734	18.837	ug/l	100
86) p-Isopropyltoluene	11.165	119	610180	19.107	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	372185	20.309	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	391588	19.476	ug/l	99
89) n-Butylbenzene	11.580	91	559457	18.344	ug/l	99
90) Hexachloroethane	11.818	117	132512	16.851	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	345188	20.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56191	20.636	ug/l	91
93) 1,2,4-Trichlorobenzene	13.185	180	198726	20.248	ug/l	100
94) Hexachlorobutadiene	13.368	225	84439	16.557	ug/l	98
95) Naphthalene	13.426	128	632578	19.941	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	203723	20.295	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

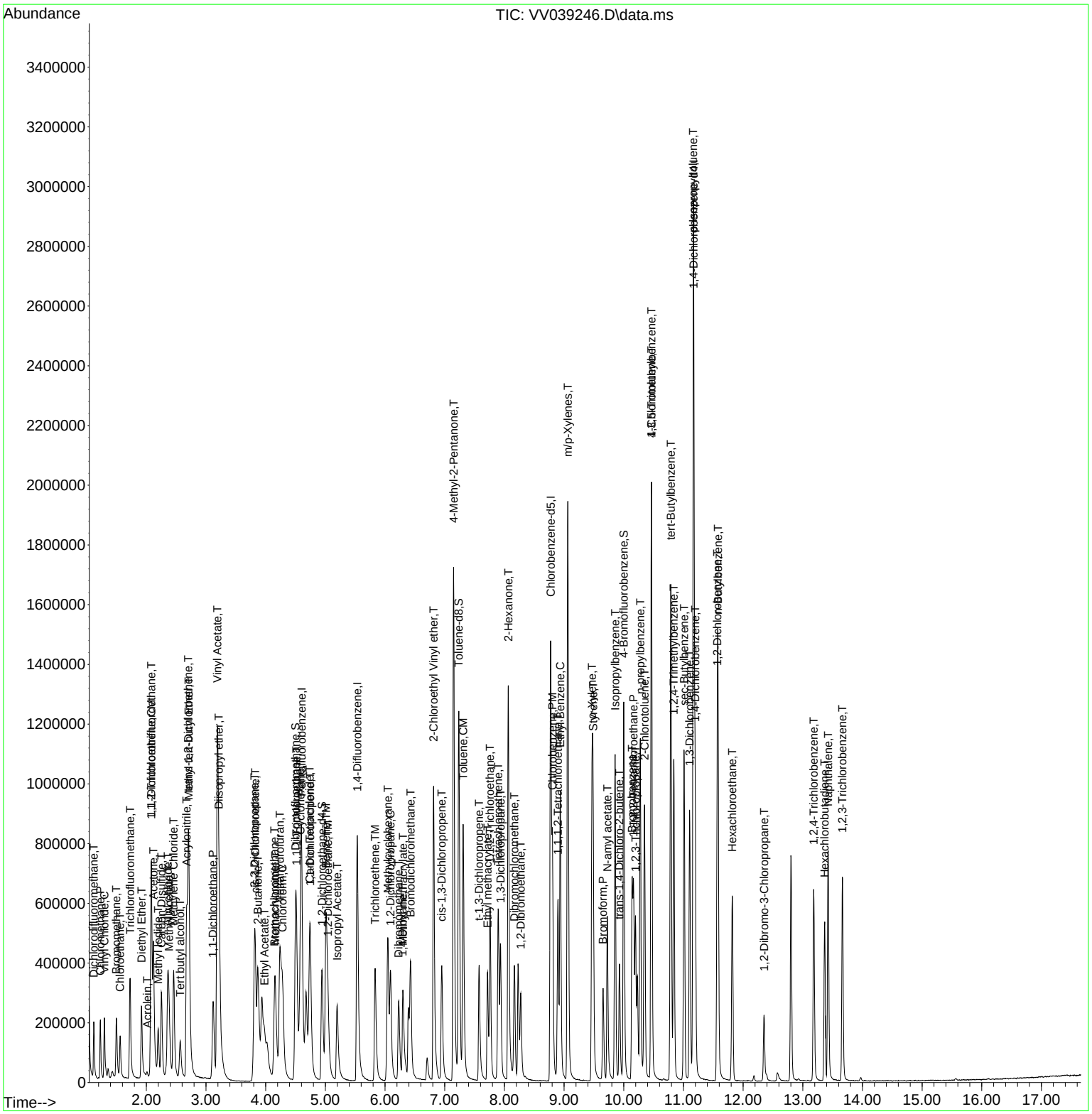
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039246.D
Acq On : 03 Oct 2025 13:29
Operator : SY/MD
Sample : VV1003WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

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

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Manual Integration Report

Sequence:	VV092225	Instrument	MSVOA_v

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

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Manual Integration Report

Sequence:	VV100325	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3201-01	VV039256.D	Methyl tert-butyl Ether	MMDadoda	10/6/2025 4:24:52 AM	SAM	10/6/2025 4:28:56 AM	Peak Integrated by Software
Q3201-02	VV039257.D	Methyl tert-butyl Ether	MMDadoda	10/6/2025 4:24:54 AM	SAM	10/6/2025 4:28:57 AM	Peak Integrated by Software
Q3201-05	VV039260.D	n-Butylbenzene	MMDadoda	10/6/2025 4:24:56 AM	SAM	10/6/2025 4:28:59 AM	Peak Integrated by Software
Q3201-05	VV039260.D	sec-Butylbenzene	MMDadoda	10/6/2025 4:24:56 AM	SAM	10/6/2025 4:28:59 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	Vv100625	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3201-05DL	VV039270.D	n-Butylbenzene	MMDadoda	10/7/2025 1:41:23 PM	Sam	10/7/2025 1:42:49 PM	Peak Integrated by Software
Q3201-02DL	VV039272.D	Benzene	MMDadoda	10/7/2025 1:41:25 PM	Sam	10/7/2025 1:42:49 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048009.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:15:55 AM	MMDadoda	10/7/2025 1:40:16 PM	Peak Integrated by Software
VX1006WBS02	VX048014.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:04 AM	MMDadoda	10/7/2025 1:40:18 PM	Peak Integrated by Software
Q3201-06	VX048020.D	n-Butylbenzene	JOHN	10/7/2025 9:16:13 AM	MMDadoda	10/7/2025 1:40:21 PM	Peak Integrated by Software
Q3201-06	VX048020.D	sec-Butylbenzene	JOHN	10/7/2025 9:16:13 AM	MMDadoda	10/7/2025 1:40:21 PM	Peak Integrated by Software
VSTDCCC050	VX048034.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:27 AM	MMDadoda	10/7/2025 1:40:25 PM	Peak Integrated by Software

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092225

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

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

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

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM				
SubDirectory	VV100325	HP Acquire Method	MSVOA_V		HP Processing Method	82v092225w.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039241.D	03 Oct 2025 08:26	SY/MD	Ok
2	VSTDCCC050	VV039242.D	03 Oct 2025 08:53	SY/MD	Ok
3	VV1003MBL01	VV039243.D	03 Oct 2025 11:04	SY/MD	Ok
4	VV1003WBL01	VV039244.D	03 Oct 2025 11:26	SY/MD	Ok
5	VV1003WBS01	VV039245.D	03 Oct 2025 13:07	SY/MD	Ok
6	VV1003WBSD01	VV039246.D	03 Oct 2025 13:29	SY/MD	Ok
7	Q3263-01	VV039247.D	03 Oct 2025 14:19	SY/MD	ReRun
8	Q3263-02	VV039248.D	03 Oct 2025 14:42	SY/MD	ReRun
9	Q3201-07	VV039249.D	03 Oct 2025 15:04	SY/MD	Ok
10	Q3201-08	VV039250.D	03 Oct 2025 15:27	SY/MD	Ok
11	Q3254-09	VV039251.D	03 Oct 2025 15:49	SY/MD	Ok
12	Q3254-01	VV039252.D	03 Oct 2025 16:11	SY/MD	Ok
13	Q3254-03	VV039253.D	03 Oct 2025 16:34	SY/MD	Ok
14	Q3254-05	VV039254.D	03 Oct 2025 16:56	SY/MD	Ok
15	Q3254-07	VV039255.D	03 Oct 2025 17:19	SY/MD	Ok
16	Q3201-01	VV039256.D	03 Oct 2025 17:41	SY/MD	Dilution
17	Q3201-02	VV039257.D	03 Oct 2025 18:04	SY/MD	Dilution
18	Q3201-03	VV039258.D	03 Oct 2025 18:26	SY/MD	ReRun
19	Q3201-04	VV039259.D	03 Oct 2025 18:49	SY/MD	Not Ok
20	Q3201-05	VV039260.D	03 Oct 2025 19:11	SY/MD	Dilution
21	Q3201-06	VV039261.D	03 Oct 2025 19:34	SY/MD	Not Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM				
SubDirectory	VV100325	HP Acquire Method	MSVOA_V		HP Processing Method	82v092225w.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VIBLK	VV039262.D	03 Oct 2025 19:56	SY/MD	Ok
23	VSTDCCC050	VV039263.D	03 Oct 2025 20:19	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100625

Review By	Mahesh Dadoda	Review On	10/7/2025 1:40:31 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/7/2025 1:42:17 PM		
SubDirectory	VV100625	HP Acquire Method	MSVOA_V	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP135749
Initial Calibration Stds	
CCC	VP135750,VP135751
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039264.D	06 Oct 2025 08:07	SY/MD	Ok
2	VSTDCCC050	VV039265.D	06 Oct 2025 11:46	SY/MD	Ok
3	VV1006MBL01	VV039266.D	06 Oct 2025 12:13	SY/MD	Ok
4	VV1006WBL01	VV039267.D	06 Oct 2025 12:35	SY/MD	Ok
5	VV1006WBS01	VV039268.D	06 Oct 2025 13:01	SY/MD	Ok
6	VV1006WBSD01	VV039269.D	06 Oct 2025 13:24	SY/MD	Ok
7	Q3201-05DL	VV039270.D	06 Oct 2025 13:56	SY/MD	Ok,M
8	Q3201-01DL	VV039271.D	06 Oct 2025 14:19	SY/MD	Ok
9	Q3201-02DL	VV039272.D	06 Oct 2025 14:41	SY/MD	Ok,M
10	PB169972TB	VV039273.D	06 Oct 2025 15:03	SY/MD	Ok,M
11	Q3269-03	VV039274.D	06 Oct 2025 15:26	SY/MD	Ok
12	Q3269-06	VV039275.D	06 Oct 2025 15:48	SY/MD	Ok
13	Q3289-02	VV039276.D	06 Oct 2025 16:11	SY/MD	ReRun
14	Q3289-04	VV039277.D	06 Oct 2025 16:33	SY/MD	ReRun
15	Q3289-06	VV039278.D	06 Oct 2025 16:56	SY/MD	Ok
16	VIBLK	VV039279.D	06 Oct 2025 17:18	SY/MD	Ok
17	VSTDCCC050	VV039280.D	06 Oct 2025 17:40	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048008.D	06 Oct 2025 08:12	JC/MD	Ok
2	VSTDCCC050	VX048009.D	06 Oct 2025 08:54	JC/MD	Ok,M
3	VX1006MBL01	VX048010.D	06 Oct 2025 09:23	JC/MD	Ok
4	VX1006WBL01	VX048011.D	06 Oct 2025 09:44	JC/MD	Ok
5	VX1006WBS01	VX048012.D	06 Oct 2025 10:44	JC/MD	Not Ok
6	Q3202-19	VX048013.D	06 Oct 2025 11:13	JC/MD	Ok
7	VX1006WBS02	VX048014.D	06 Oct 2025 11:34	JC/MD	Ok,M
8	VX1006WBSD02	VX048015.D	06 Oct 2025 12:01	JC/MD	Ok,M
9	Q3279-01	VX048016.D	06 Oct 2025 12:22	JC/MD	Ok
10	Q3279-02	VX048017.D	06 Oct 2025 12:43	JC/MD	Ok
11	Q3279-03	VX048018.D	06 Oct 2025 13:04	JC/MD	Ok
12	Q3279-04	VX048019.D	06 Oct 2025 13:25	JC/MD	Ok
13	Q3201-06	VX048020.D	06 Oct 2025 13:46	JC/MD	Ok,M
14	Q3201-03	VX048021.D	06 Oct 2025 14:07	JC/MD	Ok
15	Q3201-04	VX048022.D	06 Oct 2025 14:28	JC/MD	Ok
16	Q3263-01	VX048023.D	06 Oct 2025 14:49	JC/MD	Ok
17	Q3263-02	VX048024.D	06 Oct 2025 15:10	JC/MD	Ok
18	Q3202-03	VX048025.D	06 Oct 2025 15:31	JC/MD	Ok
19	Q3202-05	VX048026.D	06 Oct 2025 15:51	JC/MD	Ok
20	Q3202-07	VX048027.D	06 Oct 2025 16:12	JC/MD	Ok
21	Q3202-09	VX048028.D	06 Oct 2025 16:33	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3202-17	VX048029.D	06 Oct 2025 16:54	JC/MD	Ok
23	IBLK	VX048030.D	06 Oct 2025 17:15	JC/MD	Ok
24	Q3202-11	VX048031.D	06 Oct 2025 17:35	JC/MD	Ok
25	Q3202-13MS	VX048032.D	06 Oct 2025 17:56	JC/MD	Ok,M
26	Q3202-15MSD	VX048033.D	06 Oct 2025 18:17	JC/MD	Ok,M
27	VSTDCCC050	VX048034.D	06 Oct 2025 18:38	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV092225

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

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

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

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM		
SubDirectory	VV100325	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039241.D	03 Oct 2025 08:26		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039242.D	03 Oct 2025 08:53	CCC failed High For Com.#52,68,69	SY/MD	Ok
3	VV1003MBL01	VV1003MBL01	VV039243.D	03 Oct 2025 11:04		SY/MD	Ok
4	VV1003WBL01	VV1003WBL01	VV039244.D	03 Oct 2025 11:26		SY/MD	Ok
5	VV1003WBS01	VV1003WBS01	VV039245.D	03 Oct 2025 13:07		SY/MD	Ok
6	VV1003WBSD01	VV1003WBSD01	VV039246.D	03 Oct 2025 13:29		SY/MD	Ok
7	Q3263-01	251818	VV039247.D	03 Oct 2025 14:19	Surrogate fail	SY/MD	ReRun
8	Q3263-02	266380	VV039248.D	03 Oct 2025 14:42	Surrogate fail	SY/MD	ReRun
9	Q3201-07	FIELD-BLANK	VV039249.D	03 Oct 2025 15:04	FB	SY/MD	Ok
10	Q3201-08	TRIP-BLANK	VV039250.D	03 Oct 2025 15:27	TB	SY/MD	Ok
11	Q3254-09	TRIP-BLANK	VV039251.D	03 Oct 2025 15:49	TB	SY/MD	Ok
12	Q3254-01	MW-1	VV039252.D	03 Oct 2025 16:11		SY/MD	Ok
13	Q3254-03	MW-2	VV039253.D	03 Oct 2025 16:34		SY/MD	Ok
14	Q3254-05	MW-3	VV039254.D	03 Oct 2025 16:56		SY/MD	Ok
15	Q3254-07	MW-4	VV039255.D	03 Oct 2025 17:19		SY/MD	Ok
16	Q3201-01	MW6	VV039256.D	03 Oct 2025 17:41	Need 100X	SY/MD	Dilution
17	Q3201-02	MW14	VV039257.D	03 Oct 2025 18:04	Need 100X	SY/MD	Dilution

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:29:07 AM		
SubDirectory	VV100325	HP Acquire Method	MSVOA_V	HP Processing Method	82v092225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP135740
Initial Calibration Stds	
CCC	VP135741,VP135742
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3201-03	MW15	VV039258.D	03 Oct 2025 18:26	E flag of previous sample	SY/MD	ReRun
19	Q3201-04	MW10	VV039259.D	03 Oct 2025 18:49	Need Straight Run	SY/MD	Not Ok
20	Q3201-05	MW1	VV039260.D	03 Oct 2025 19:11	Need 40X	SY/MD	Dilution
21	Q3201-06	MW3	VV039261.D	03 Oct 2025 19:34	E flag of previous sample; Run @ lower dilution; CCC Failed High	SY/MD	Not Ok
22	VIBLK	VIBLK	VV039262.D	03 Oct 2025 19:56		SY/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VV039263.D	03 Oct 2025 20:19		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100625

Review By	Mahesh Dadoda	Review On	10/7/2025 1:40:31 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/7/2025 1:42:17 PM		
SubDirectory	VV100625	HP Acquire Method	MSVOA_V	HP Processing Method	

STD. NAME	STD REF.#
Tune/Reschk	VP135749
Initial Calibration Stds	
CCC	VP135750,VP135751
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039264.D	06 Oct 2025 08:07		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039265.D	06 Oct 2025 11:46		SY/MD	Ok
3	VV1006MBL01	VV1006MBL01	VV039266.D	06 Oct 2025 12:13		SY/MD	Ok
4	VV1006WBL01	VV1006WBL01	VV039267.D	06 Oct 2025 12:35		SY/MD	Ok
5	VV1006WBS01	VV1006WBS01	VV039268.D	06 Oct 2025 13:01		SY/MD	Ok
6	VV1006WBSD01	VV1006WBSD01	VV039269.D	06 Oct 2025 13:24		SY/MD	Ok
7	Q3201-05DL	MW1DL	VV039270.D	06 Oct 2025 13:56		SY/MD	Ok,M
8	Q3201-01DL	MW6DL	VV039271.D	06 Oct 2025 14:19		SY/MD	Ok
9	Q3201-02DL	MW14DL	VV039272.D	06 Oct 2025 14:41		SY/MD	Ok,M
10	PB169972TB	PB169972TB	VV039273.D	06 Oct 2025 15:03		SY/MD	Ok,M
11	Q3269-03	EG1-TP1	VV039274.D	06 Oct 2025 15:26		SY/MD	Ok
12	Q3269-06	EG1-TP2	VV039275.D	06 Oct 2025 15:48		SY/MD	Ok
13	Q3289-02	VNJ-240	VV039276.D	06 Oct 2025 16:11	Internal Standard Fail	SY/MD	ReRun
14	Q3289-04	VNJ-261	VV039277.D	06 Oct 2025 16:33	Internal Standard Fail	SY/MD	ReRun
15	Q3289-06	72-11966	VV039278.D	06 Oct 2025 16:56		SY/MD	Ok
16	VIBLK	VIBLK	VV039279.D	06 Oct 2025 17:18		SY/MD	Ok
17	VSTDCCC050	VSTDCCC050EC	VV039280.D	06 Oct 2025 17:40		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
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	VX048008.D	06 Oct 2025 08:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048009.D	06 Oct 2025 08:54	compound#11 fail high marginally in CCC	JC/MD	Ok,M
3	VX1006MBL01	VX1006MBL01	VX048010.D	06 Oct 2025 09:23		JC/MD	Ok
4	VX1006WBL01	VX1006WBL01	VX048011.D	06 Oct 2025 09:44		JC/MD	Ok
5	VX1006WBS01	VX1006WBS01	VX048012.D	06 Oct 2025 10:44	Recovery fail	JC/MD	Not Ok
6	Q3202-19	TB	VX048013.D	06 Oct 2025 11:13	vial A pH<2 TB	JC/MD	Ok
7	VX1006WBS02	VX1006WBS02	VX048014.D	06 Oct 2025 11:34		JC/MD	Ok,M
8	VX1006WBSD02	VX1006WBSD02	VX048015.D	06 Oct 2025 12:01		JC/MD	Ok,M
9	Q3279-01	STORAGE-BLANK-SAI	VX048016.D	06 Oct 2025 12:22	vial A pH<2	JC/MD	Ok
10	Q3279-02	STORAGE-BLANK-WA	VX048017.D	06 Oct 2025 12:43	vial A pH<2	JC/MD	Ok
11	Q3279-03	STORAGE-BLANK-WA	VX048018.D	06 Oct 2025 13:04	vial A pH<2	JC/MD	Ok
12	Q3279-04	STORAGE-BLANK-SAI	VX048019.D	06 Oct 2025 13:25	vial A pH<2	JC/MD	Ok
13	Q3201-06	MW3	VX048020.D	06 Oct 2025 13:46	vial A pH<2	JC/MD	Ok,M
14	Q3201-03	MW15	VX048021.D	06 Oct 2025 14:07	vial B pH<2	JC/MD	Ok
15	Q3201-04	MW10	VX048022.D	06 Oct 2025 14:28	vial A pH<2	JC/MD	Ok
16	Q3263-01	251818	VX048023.D	06 Oct 2025 14:49	vial B pH<2	JC/MD	Ok
17	Q3263-02	266380	VX048024.D	06 Oct 2025 15:10	vial B pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/8/2025 2:23:55 AM		
SubDirectory	VX100625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135743
Initial Calibration Stds	
CCC	VP135744,VP135745
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3202-03	SY-2R	VX048025.D	06 Oct 2025 15:31	vial A pH<2	JC/MD	Ok
19	Q3202-05	SY-2D	VX048026.D	06 Oct 2025 15:51	vial A pH<2	JC/MD	Ok
20	Q3202-07	SY-5	VX048027.D	06 Oct 2025 16:12	vial A pH<2	JC/MD	Ok
21	Q3202-09	SY-3DD	VX048028.D	06 Oct 2025 16:33	vial A pH<2	JC/MD	Ok
22	Q3202-17	SY-3	VX048029.D	06 Oct 2025 16:54	vial A pH<2	JC/MD	Ok
23	IBLK	IBLK	VX048030.D	06 Oct 2025 17:15		JC/MD	Ok
24	Q3202-11	SY-3D	VX048031.D	06 Oct 2025 17:35	vial A pH<2	JC/MD	Ok
25	Q3202-13MS	SY-3DMS	VX048032.D	06 Oct 2025 17:56	vial A pH<2	JC/MD	Ok,M
26	Q3202-15MSD	SY-3DMSD	VX048033.D	06 Oct 2025 18:17	vial A pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX048034.D	06 Oct 2025 18:38		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3201
COC Number 2045137

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: M² Associates Inc.
ADDRESS: 36 Country Acres Dr.
CITY Hampton STATE: NJ ZIP: 08827
ATTENTION: Matt Mullaly
PHONE: (908) 238-0827 FAX: (908) 238-0830

CLIENT PROJECT INFORMATION

PROJECT NAME: 143 Rellion Rd.
PROJECT NO.: — LOCATION: Vineland NJ
PROJECT MANAGER: Matt Mullaly
e-mail: M2-gw@comcast.net
PHONE: (908) 238-0827 FAX: (908) 238-0830

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

VOCs Only 2

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	A 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW6	H_2O		x	9/24	10:00	2	x									
2.	MW 14			x		10:30	2	x									
3.	MW 15			x		11:05	2	x									
4.	MW 5			x			2	x									Not Sampled
5.	MW4			x			2	x									Not Sampled
6.	MW 10			x		12:55	2	x									
7.	~~MW 1~~ MW 1			x		13:35	2	x									
8.	~~MW 3~~ MW 3			x		14:20	2	x									
9.	Field Blank			x		14:25	2	x									
10.	Trip Blank																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/25: 10:02	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.2°C °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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

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

Laboratory Certification

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

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LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3201 M2AS01
Client Name : M2 Associates
Client Contact : Matt Mulhall
Invoice Name : M2 Associates
Invoice Contact : Matt Mulhall

Order Date : 9/25/2025 10:49:00 AM
Project Name : 143 Red Lion Rd Southamp
Receive DateTime : 9/25/2025 10:02:00 AM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3201-01	MW6	Water	09/24/2025	10:00					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-02	MW14	Water	09/24/2025	10:30					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-03	MW15	Water	09/24/2025	11:05					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-04	MW10	Water	09/24/2025	12:55					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-05	MW1	Water	09/24/2025	13:35					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-06	MW3	Water	09/24/2025	14:20					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-07	FIELD-BLANK	Water	09/24/2025	14:25					
					VOCMS Group2		8260-Low		10 Bus. Days
Q3201-08	TRIP-BLANK	Water	09/24/2025	00:00					

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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3201 M2AS01
Client Name : M2 Associates
Client Contact : Matt Mulhall
Invoice Name : M2 Associates
Invoice Contact : Matt Mulhall

Order Date : 9/25/2025 10:49:00 AM
Project Name : 143 Red Lion Rd Southamp
Receive DateTime : 9/25/2025 10:02:00 AM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group2		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 9/25/25 1225

Received By :
Date / Time : 09/25/25 12:25 RB 4

Storage Area : VOA Refridgerator Room