284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q2363

Project ID : Capra

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2363-01	GCAP1
Q2363-02	GCAP1W

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

Signature : _____

Date: 6/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2363**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **06/26/2025**

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LAB CHRONICLE

OrderID:	Q2363	**OrderDate:**	6/18/2025 4:03:52 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2363-01	**GCAP1**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/24/25	
Q2363-01ME	**GCAP1ME**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/20/25	
Q2363-02	**GCAP1W**	**Water**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260-Low			06/19/25	
Q2363-02DL	**GCAP1WDL**	**Water**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260-Low			06/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2363

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GCAP1**								
Q2363-01	GCAP1	SOIL	Cyclohexane		32.3		0.86	5.40	ug/Kg
Q2363-01	GCAP1	SOIL	Methylcyclohexane		220	E	0.99	5.40	ug/Kg
			Total Voc :		252				
Q2363-01	GCAP1	SOIL	Naphthalene, decahydro-	*	150	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Butane, 2,2,3,3-tetramethyl-	*	110	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,4-dimethyl-, cis	*	140	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1,2-dimethyl-, tr	*	110	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1-ethyl-2-methyl	*	140	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,3,5-trimethyl-,	*	120	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,3-dimethyl-, tra	*	120	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1,2,4-trimethyl-	*	130	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	350	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1-ethyl-2-methyl	*	130	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Pentalene, octahydro-2-methyl-	*	170	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	unknown12.713	*	110	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Benzene, (3-methyl-2-butenyl)-	*	95.7	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1-ethyl-2-methyl	*	160	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1,2,3-trimethyl-,	*	240	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	n-propylbenzene	*	4.30	J	0.79	5.40	ug/Kg
			Total Tics :		2280				
			Total Concentration:		2530				
Client ID:	**GCAP1ME**								
Q2363-01ME	GCAP1ME	SOIL	Cyclohexane		880	D	55.1	350	ug/Kg
Q2363-01ME	GCAP1ME	SOIL	Methylcyclohexane		3100	D	63.5	350	ug/Kg
			Total Voc :		3980				
			Total Concentration:		3980				
Client ID:	**GCAP1W**								
Q2363-02	GCAP1W	Water	Cyclohexane		1200	E	1.50	5.00	ug/L
Q2363-02	GCAP1W	Water	Methylcyclohexane		1000	E	0.16	1.00	ug/L
Q2363-02	GCAP1W	Water	Benzene		1.80		0.15	1.00	ug/L
Q2363-02	GCAP1W	Water	Toluene		6.70		0.14	1.00	ug/L
Q2363-02	GCAP1W	Water	Ethyl Benzene		76.5		0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	o-Xylene		2.50		0.12	1.00	ug/L
Q2363-02	GCAP1W	Water	Isopropylbenzene		110		0.12	1.00	ug/L
			Total Voc :		2400				
Q2363-02	GCAP1W	Water	unknown10.780	*	120	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2363

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2363-02	GCAP1W	Water	Butane, 2-methyl-	*	170	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Pentane, 3-methyl-	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclopentane, methyl-	*	580	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Pentane, 2-methyl-	*	110	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Pentane	*	160	J	0	0	ug/L
Q2363-02	GCAP1W	Water	n-Hexane	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Indane	*	220	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclohexene, 1-methyl-	*	200	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclopentane, 1,2-dimethyl-, tr	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	3-Phenylbut-1-ene	*	180	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	110	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclohexane, 1,1,3-trimethyl-	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclohexane, 1,2-dimethyl-, tra	*	160	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Benzene, 1-ethenyl-3-ethyl-	*	120	J	0	0	ug/L
Q2363-02	GCAP1W	Water	n-propylbenzene	*	190	J	0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	sec-Butylbenzene	*	23.9	J	0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	p-Isopropyltoluene	*	20.8	J	0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	n-Butylbenzene	*	23.9	J	0.15	1.00	ug/L
			Total Tics :		2910				
			Total Concentration:		5310				
Client ID:	**GCAP1WDL**								
Q2363-02DL	GCAP1WDL	Water	Cyclohexane		910	D	29.0	100	ug/L
Q2363-02DL	GCAP1WDL	Water	Methylcyclohexane		720	D	3.20	20.0	ug/L
Q2363-02DL	GCAP1WDL	Water	Ethyl Benzene		49.0	D	2.60	20.0	ug/L
Q2363-02DL	GCAP1WDL	Water	Isopropylbenzene		71.4	D	2.40	20.0	ug/L
			Total Voc :		1750				
			Total Concentration:		1750				

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q2363-01	GCAP1	1,2-Dichloroethane-d4	50	45.7	91		70 (63)	130 (155)
		Dibromofluoromethane	50	49.9	100		70 (70)	130 (134)
		Toluene-d8	50	65.0	130		70 (74)	130 (123)
		4-Bromofluorobenzene	50	82.5	165	*	70 (17)	130 (146)
Q2363-01ME	GCAP1ME	1,2-Dichloroethane-d4	50	50.0	100		70 (63)	130 (155)
		Dibromofluoromethane	50	62.2	124		70 (70)	130 (134)
		Toluene-d8	50	70.4	141	*	70 (74)	130 (123)
		4-Bromofluorobenzene	50	59.5	119		70 (17)	130 (146)
VN0620MBL01	VN0620MBL01	1,2-Dichloroethane-d4	50	52.6	105		70 (63)	130 (155)
		Dibromofluoromethane	50	51.6	103		70 (70)	130 (134)
		Toluene-d8	50	52.9	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.9	96		70 (17)	130 (146)
VN0620MBS01	VN0620MBS01	1,2-Dichloroethane-d4	50	46.1	92		70 (63)	130 (155)
		Dibromofluoromethane	50	54.3	109		70 (70)	130 (134)
		Toluene-d8	50	53.0	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.9	102		70 (17)	130 (146)
VY0624SBL01	VY0624SBL01	1,2-Dichloroethane-d4	50	54.5	109		70 (63)	130 (155)
		Dibromofluoromethane	50	52.4	105		70 (70)	130 (134)
		Toluene-d8	50	49.2	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.8	86		70 (17)	130 (146)
VY0624SBS01	VY0624SBS01	1,2-Dichloroethane-d4	50	50.7	101		70 (63)	130 (155)
		Dibromofluoromethane	50	51.1	102		70 (70)	130 (134)
		Toluene-d8	50	50.7	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.5	97		70 (17)	130 (146)
VY0624SBSD01	VY0624SBSD01	1,2-Dichloroethane-d4	50	48.6	97		70 (63)	130 (155)
		Dibromofluoromethane	50	49.7	99		70 (70)	130 (134)
		Toluene-d8	50	50.5	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.7	95		70 (17)	130 (146)

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Surrogate Summary

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2363-02	GCAP1W	1,2-Dichloroethane-d4	50	45.6	91	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103	70 (77)	130 (121)
Q2363-02DL	GCAP1WDL	1,2-Dichloroethane-d4	50	54.4	109	70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104	70 (75)	130 (124)
		Toluene-d8	50	53.5	107	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100	70 (77)	130 (121)
VN0620WBL01	VN0620WBL01	1,2-Dichloroethane-d4	50	54.9	110	70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103	70 (75)	130 (124)
		Toluene-d8	50	52.7	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98	70 (77)	130 (121)
VN0620WBS01	VN0620WBS01	1,2-Dichloroethane-d4	50	47.4	95	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	105	70 (75)	130 (124)
		Toluene-d8	50	49.0	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101	70 (77)	130 (121)
VX0619WBL01	VX0619WBL01	1,2-Dichloroethane-d4	50	48.3	97	70 (74)	130 (125)
		Dibromofluoromethane	50	49.0	98	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VX0619WBS01	VX0619WBS01	1,2-Dichloroethane-d4	50	49.8	100	70 (74)	130 (125)
		Dibromofluoromethane	50	52.0	104	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.1	108	70 (77)	130 (121)
VX0619WBSD0	VX0619WBSD01	1,2-Dichloroethane-d4	50	51.5	103	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	52.7	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.9	110	70 (77)	130 (121)

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Alliance TECHNICAL GROUP
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087125.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0620WBS01	Dichlorodifluoromethane	20	17.6	ug/L	88			40 (69)	160 (116)	
	Chloromethane	20	15.3	ug/L	77			40 (65)	160 (116)	
	Vinyl chloride	20	18.4	ug/L	92			70 (65)	130 (117)	
	Bromomethane	20	19.3	ug/L	97			40 (58)	160 (125)	
	Chloroethane	20	18.6	ug/L	93			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.1	ug/L	91			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	74.1	ug/L	74			40 (60)	160 (125)	
	Carbon disulfide	20	18.9	ug/L	95			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			70 (78)	130 (114)	
	Methyl Acetate	20	13.8	ug/L	69		*	70 (67)	130 (125)	
	Methylene Chloride	20	17.5	ug/L	88			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.4	ug/L	87			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.0	ug/L	90			70 (78)	130 (112)	
	Cyclohexane	20	16.0	ug/L	80			70 (75)	130 (110)	
	2-Butanone	100	73.4	ug/L	73			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.9	ug/L	95			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			70 (77)	130 (110)	
	Bromochloromethane	20	15.4	ug/L	77			70 (70)	130 (124)	
	Chloroform	20	17.5	ug/L	88			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	15.5	ug/L	78			70 (72)	130 (115)	
	Benzene	20	18.1	ug/L	91			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.1	ug/L	91			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.2	ug/L	91			70 (83)	130 (111)	
	Bromodichloromethane	20	18.2	ug/L	91			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.6	ug/L	82			40 (74)	160 (118)	
	Toluene	20	18.5	ug/L	93			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.2	ug/L	91			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.3	ug/L	92			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.6	ug/L	93			70 (83)	130 (112)	
	2-Hexanone	100	71.9	ug/L	72			40 (73)	160 (117)	
	Dibromochloromethane	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,2-Dibromoethane	20	17.9	ug/L	90			70 (81)	130 (110)	
	Tetrachloroethene	20	17.9	ug/L	90			70 (67)	130 (123)	
	Chlorobenzene	20	18.3	ug/L	92			70 (82)	130 (109)	
	Ethyl Benzene	20	17.4	ug/L	87			70 (83)	130 (109)	
	m/p-Xylenes	40	36.2	ug/L	91			70 (82)	130 (110)	
	o-Xylene	20	18.0	ug/L	90			70 (83)	130 (109)	
	Styrene	20	18.0	ug/L	90			70 (80)	130 (111)	
	Bromoform	20	18.8	ug/L	94			70 (79)	130 (109)	
	Isopropylbenzene	20	17.1	ug/L	86			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.4	ug/L	87			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.6	ug/L	88			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087125.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0620WBS01	1,2-Dibromo-3-Chloropropane	20	14.9	ug/L	75			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	15.1	ug/L	76			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	14.7	ug/L	74			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VN087138.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0620MBS01	Dichlorodifluoromethane	2000	2000	ug/Kg	100			40 (64)	160 (136)	
	Chloromethane	2000	1600	ug/Kg	80			40 (52)	160 (151)	
	Vinyl chloride	2000	2100	ug/Kg	105			70 (56)	130 (148)	
	Bromomethane	2000	2100	ug/Kg	105			40 (58)	160 (141)	
	Chloroethane	2000	1900	ug/Kg	95			40 (69)	160 (130)	
	Trichlorofluoromethane	2000	1800	ug/Kg	90			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	2000	2100	ug/Kg	105			70 (81)	130 (123)	
	1,1-Dichloroethene	2000	2100	ug/Kg	105			70 (79)	130 (121)	
	Acetone	10000	7900	ug/Kg	79			40 (40)	160 (171)	
	Carbon disulfide	2000	2100	ug/Kg	105			40 (59)	160 (130)	
	Methyl tert-butyl Ether	2000	1900	ug/Kg	95			70 (77)	130 (129)	
	Methyl Acetate	2000	1600	ug/Kg	80			70 (69)	130 (149)	
	Methylene Chloride	2000	1900	ug/Kg	95			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	2000	2000	ug/Kg	100			70 (80)	130 (123)	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			70 (82)	130 (123)	
	Cyclohexane	2000	1700	ug/Kg	85			70 (76)	130 (122)	
	2-Butanone	10000	7200	ug/Kg	72			40 (69)	160 (131)	
	Carbon Tetrachloride	2000	1900	ug/Kg	95			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	2000	1800	ug/Kg	90			70 (82)	130 (123)	
	Bromochloromethane	2000	1700	ug/Kg	85			70 (80)	130 (127)	
	Chloroform	2000	1800	ug/Kg	90			70 (82)	130 (125)	
	1,1,1-Trichloroethane	2000	1900	ug/Kg	95			70 (80)	130 (126)	
	Methylcyclohexane	2000	1600	ug/Kg	80			70 (77)	130 (123)	
	Benzene	2000	1900	ug/Kg	95			70 (84)	130 (121)	
	1,2-Dichloroethane	2000	1800	ug/Kg	90			70 (81)	130 (126)	
	Trichloroethene	2000	2000	ug/Kg	100			70 (83)	130 (122)	
	1,2-Dichloropropane	2000	1800	ug/Kg	90			70 (83)	130 (122)	
	Bromodichloromethane	2000	2000	ug/Kg	100			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	10000	8500	ug/Kg	85			40 (70)	160 (135)	
	Toluene	2000	2000	ug/Kg	100			70 (83)	130 (122)	
	t-1,3-Dichloropropene	2000	1700	ug/Kg	85			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	2000	1800	ug/Kg	90			70 (81)	130 (122)	
	1,1,2-Trichloroethane	2000	2000	ug/Kg	100			70 (82)	130 (125)	
	2-Hexanone	10000	7200	ug/Kg	72			40 (66)	160 (138)	
	Dibromochloromethane	2000	2000	ug/Kg	100			70 (79)	130 (125)	
	1,2-Dibromoethane	2000	2000	ug/Kg	100			70 (80)	130 (125)	
	Tetrachloroethene	2000	1600	ug/Kg	80			70 (83)	130 (125)	
	Chlorobenzene	2000	1800	ug/Kg	90			70 (84)	130 (122)	
	Ethyl Benzene	2000	1600	ug/Kg	80			70 (82)	130 (124)	
	m/p-Xylenes	4000	3400	ug/Kg	85			70 (83)	130 (124)	
	o-Xylene	2000	1800	ug/Kg	90			70 (83)	130 (123)	
	Styrene	2000	1800	ug/Kg	90			70 (82)	130 (124)	
	Bromoform	2000	1800	ug/Kg	90			70 (75)	130 (127)	
	Isopropylbenzene	2000	1700	ug/Kg	85			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	2000	1700	ug/Kg	85			70 (77)	130 (127)	
	1,3-Dichlorobenzene	2000	1800	ug/Kg	90			70 (83)	130 (122)	
	1,4-Dichlorobenzene	2000	1800	ug/Kg	90			70 (84)	130 (121)	
	1,2-Dichlorobenzene	2000	1800	ug/Kg	90			70 (83)	130 (124)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VN087138.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0620MBS01	1,2-Dibromo-3-Chloropropane	2000	1600	ug/Kg	80			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	2000	1500	ug/Kg	75			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	2000	1500	ug/Kg	75			70 (70)	130 (137)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0619WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	21.2	ug/L	106			40 (58)	160 (125)	
	Chloroethane	20	19.9	ug/L	100			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.4	ug/L	92			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.6	ug/L	93			70 (74)	130 (110)	
	Acetone	100	74.1	ug/L	74			40 (60)	160 (125)	
	Carbon disulfide	20	17.0	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.0	ug/L	85			70 (78)	130 (114)	
	Methyl Acetate	20	16.0	ug/L	80			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.5	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	78.9	ug/L	79			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.0	ug/L	90			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	20.8	ug/L	104			70 (70)	130 (124)	
	Chloroform	20	19.0	ug/L	95			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	18.5	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.5	ug/L	93			70 (80)	130 (115)	
	Trichloroethene	20	18.4	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.4	ug/L	92			70 (83)	130 (111)	
	Bromodichloromethane	20	18.9	ug/L	95			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.6	ug/L	82			40 (74)	160 (118)	
	Toluene	20	19.0	ug/L	95			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.2	ug/L	91			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			70 (83)	130 (112)	
	2-Hexanone	100	78.9	ug/L	79			40 (73)	160 (117)	
	Dibromochloromethane	20	18.4	ug/L	92			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.0	ug/L	90			70 (81)	130 (110)	
	Tetrachloroethene	20	17.7	ug/L	89			70 (67)	130 (123)	
	Chlorobenzene	20	18.0	ug/L	90			70 (82)	130 (109)	
	Ethyl Benzene	20	18.0	ug/L	90			70 (83)	130 (109)	
	m/p-Xylenes	40	37.2	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	18.6	ug/L	93			70 (83)	130 (109)	
	Styrene	20	18.3	ug/L	92			70 (80)	130 (111)	
	Bromoform	20	16.7	ug/L	84			70 (79)	130 (109)	
	Isopropylbenzene	20	18.1	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.3	ug/L	86			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.5	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBS01	1,2-Dibromo-3-Chloropropane	20	15.1	ug/L	76			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046763.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	19.5	ug/L	98	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.7	ug/L	99	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	22.2	ug/L	111	5		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.6	ug/L	103	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.3	ug/L	97	5		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99	6		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.5	ug/L	98	5		70 (74)	130 (110)	20 (20)
	Acetone	100	81.5	ug/L	82	10		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.0	ug/L	90	6		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.7	ug/L	94	10		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	17.8	ug/L	89	11		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.3	ug/L	97	6		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.4	ug/L	97	4		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.7	ug/L	99	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	87.0	ug/L	87	10		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.1	ug/L	96	6		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	23.1	ug/L	116	11		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.5	ug/L	103	8		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.3	ug/L	97	9		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.0	ug/L	95	2		70 (72)	130 (115)	20 (20)
	Benzene	20	20.0	ug/L	100	5		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.1	ug/L	101	8		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.3	ug/L	97	5		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.3	ug/L	102	10		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.1	ug/L	101	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	91.8	ug/L	92	11		40 (74)	160 (118)	20 (25)
	Toluene	20	20.3	ug/L	102	7		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.5	ug/L	98	9		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	9		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.4	ug/L	102	9		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	88.8	ug/L	89	12		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.9	ug/L	100	8		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	12		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.8	ug/L	94	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.4	ug/L	97	7		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.1	ug/L	96	6		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.8	ug/L	97	4		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.8	ug/L	99	6		70 (83)	130 (109)	20 (20)
	Styrene	20	19.7	ug/L	99	7		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.4	ug/L	92	9		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.6	ug/L	93	2		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	18.4	ug/L	92	7		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.6	ug/L	93	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.8	ug/L	89	1		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.0	ug/L	95	4		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046763.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBSD01	1,2-Dibromo-3-Chloropropane	20	16.1	ug/L	81	6		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	7		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.2	ug/L	91	3		70 (76)	130 (114)	20 (29)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022787.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0624SBS01	Dichlorodifluoromethane	20	20.7	ug/Kg	104			40 (64)	160 (136)	
	Chloromethane	20	20.4	ug/Kg	102			40 (52)	160 (151)	
	Vinyl chloride	20	20.3	ug/Kg	102			70 (56)	130 (148)	
	Bromomethane	20	21.4	ug/Kg	107			40 (58)	160 (141)	
	Chloroethane	20	20.3	ug/Kg	102			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.2	ug/Kg	101			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	20.5	ug/Kg	103			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.1	ug/Kg	101			70 (79)	130 (121)	
	Acetone	100	100	ug/Kg	100			40 (40)	160 (171)	
	Carbon disulfide	20	20.5	ug/Kg	103			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101			70 (77)	130 (129)	
	Methyl Acetate	20	18.7	ug/Kg	94			70 (69)	130 (149)	
	Methylene Chloride	20	18.3	ug/Kg	92			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			70 (82)	130 (123)	
	Cyclohexane	20	20.1	ug/Kg	101			70 (76)	130 (122)	
	2-Butanone	100	100	ug/Kg	100			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.9	ug/Kg	100			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			70 (82)	130 (123)	
	Bromochloromethane	20	20.5	ug/Kg	103			70 (80)	130 (127)	
	Chloroform	20	19.9	ug/Kg	100			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103			70 (80)	130 (126)	
	Methylcyclohexane	20	20.1	ug/Kg	101			70 (77)	130 (123)	
	Benzene	20	20.1	ug/Kg	101			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.1	ug/Kg	101			70 (81)	130 (126)	
	Trichloroethene	20	19.9	ug/Kg	100			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.3	ug/Kg	102			70 (83)	130 (122)	
	Bromodichloromethane	20	20.4	ug/Kg	102			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.2	ug/Kg	101			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.3	ug/Kg	102			70 (82)	130 (125)	
	2-Hexanone	100	98.6	ug/Kg	99			40 (66)	160 (138)	
	Dibromochloromethane	20	19.6	ug/Kg	98			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.0	ug/Kg	100			70 (80)	130 (125)	
	Tetrachloroethene	20	18.6	ug/Kg	93			70 (83)	130 (125)	
	Chlorobenzene	20	19.7	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.5	ug/Kg	98			70 (82)	130 (124)	
	m/p-Xylenes	40	39.0	ug/Kg	98			70 (83)	130 (124)	
	o-Xylene	20	19.0	ug/Kg	95			70 (83)	130 (123)	
	Styrene	20	19.1	ug/Kg	96			70 (82)	130 (124)	
	Bromoform	20	18.8	ug/Kg	94			70 (75)	130 (127)	
	Isopropylbenzene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.7	ug/Kg	99			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.5	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.4	ug/Kg	97			70 (83)	130 (124)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022787.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0624SBS01	1,2-Dibromo-3-Chloropropane	20	19.4	ug/Kg	97			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95			70 (70)	130 (137)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022788.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0624SBSD01	Dichlorodifluoromethane	20	21.6	ug/Kg	108	4		40 (64)	160 (136)	30 (20)
	Chloromethane	20	19.9	ug/Kg	100	2		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	20.6	ug/Kg	103	1		70 (56)	130 (148)	30 (20)
	Bromomethane	20	20.6	ug/Kg	103	4		40 (58)	160 (141)	30 (20)
	Chloroethane	20	20.0	ug/Kg	100	2		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	20.7	ug/Kg	104	3		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.0	ug/Kg	105	2		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	20.0	ug/Kg	100	1		70 (79)	130 (121)	30 (20)
	Acetone	100	94.2	ug/Kg	94	6		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.5	ug/Kg	103	0		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	19.1	ug/Kg	96	5		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	17.5	ug/Kg	88	7		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	17.9	ug/Kg	90	2		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	19.8	ug/Kg	99	2		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.3	ug/Kg	102	1		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.2	ug/Kg	101	0		70 (76)	130 (122)	30 (20)
	2-Butanone	100	93.6	ug/Kg	94	6		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.6	ug/Kg	103	3		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	19.5	ug/Kg	98	2		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	20.2	ug/Kg	101	2		70 (80)	130 (127)	30 (20)
	Chloroform	20	19.7	ug/Kg	99	1		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.4	ug/Kg	102	1		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.3	ug/Kg	102	1		70 (77)	130 (123)	30 (20)
	Benzene	20	20.2	ug/Kg	101	0		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.3	ug/Kg	102	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.6	ug/Kg	103	3		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.0	ug/Kg	100	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	19.9	ug/Kg	100	2		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	95.0	ug/Kg	95	5		40 (70)	160 (135)	30 (20)
	Toluene	20	20.0	ug/Kg	100	1		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.3	ug/Kg	97	1		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/Kg	98	3		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	19.8	ug/Kg	99	3		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	90.5	ug/Kg	91	8		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	19.6	ug/Kg	98	0		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	19.1	ug/Kg	96	4		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	21.6	ug/Kg	108	15		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.1	ug/Kg	101	2		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.1	ug/Kg	101	3		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	39.5	ug/Kg	99	1		70 (83)	130 (124)	30 (20)
	o-Xylene	20	19.3	ug/Kg	97	2		70 (83)	130 (123)	30 (20)
	Styrene	20	19.3	ug/Kg	97	1		70 (82)	130 (124)	30 (20)
	Bromoform	20	19.0	ug/Kg	95	1		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	20.5	ug/Kg	103	2		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	18.7	ug/Kg	94	15		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	20.1	ug/Kg	101	2		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99	1		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	19.8	ug/Kg	99	2		70 (83)	130 (124)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022788.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0624SBSD01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/Kg	96	1		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	20.0	ug/Kg	100	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98	3		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0620MBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087123.D Lab Sample ID: VN0620MBL01

Date Analyzed: 06/20/2025 Time Analyzed: 09:25

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0620MBS01	VN0620MBS01	VN087138.D	06/20/2025
GCAP1ME	Q2363-01ME	VN087140.D	06/20/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0620WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087124.D Lab Sample ID: VN0620WBL01

Date Analyzed: 06/20/2025 Time Analyzed: 09:46

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0620WBS01	VN0620WBS01	VN087125.D	06/20/2025
GCAP1WDL	Q2363-02DL	VN087127.D	06/20/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0619WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046760.D Lab Sample ID: VX0619WBL01

Date Analyzed: 06/19/2025 Time Analyzed: 10:33

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
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025
VX0619WBSD01	VX0619WBSD01	VX046763.D	06/19/2025
GCAP1W	Q2363-02	VX046768.D	06/19/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0624SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022786.D Lab Sample ID: VY0624SBL01

Date Analyzed: 06/24/2025 Time Analyzed: 10:25

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0624SBS01	VY0624SBS01	VY022787.D	06/24/2025
VY0624SBSD01	VY0624SBSD01	VY022788.D	06/24/2025
GCAP1	Q2363-01	VY022793.D	06/24/2025

COMMENTS:

Raw Data: **VN086861.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.1
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	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087121.D BFB Injection Date: 06/20/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:18

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16
75	30.0 - 60.0% of mass 95	47.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	73.5
175	5.0 - 9.0% of mass 174	5.4 (7.3) 1
176	95.0 - 101.0% of mass 174	71.5 (97.2) 1
177	5.0 - 9.0% of mass 176	4.7 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087122.D	06/20/2025	08:51
VN0620MBL01	VN0620MBL01	VN087123.D	06/20/2025	09:25
VN0620WBL01	VN0620WBL01	VN087124.D	06/20/2025	09:46
VN0620WBS01	VN0620WBS01	VN087125.D	06/20/2025	10:06
GCAP1WDL	Q2363-02DL	VN087127.D	06/20/2025	11:01
VN0620MBS01	VN0620MBS01	VN087138.D	06/20/2025	14:48
GCAP1ME	Q2363-01ME	VN087140.D	06/20/2025	15:29

Raw Data: **VX046715.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046715.D BFB Injection Date: 06/17/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:46

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	18.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.8
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72 (96.2) 1
177	5.0 - 9.0% of mass 176	4.3 (6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046718.D	06/17/2025	11:19
VSTDICC020	VSTDICC020	VX046719.D	06/17/2025	13:59
VSTDICCC050	VSTDICCC050	VX046720.D	06/17/2025	14:20
VSTDICC100	VSTDICC100	VX046721.D	06/17/2025	14:41
VSTDICC150	VSTDICC150	VX046722.D	06/17/2025	15:02
VSTDICC001	VSTDICC001	VX046725.D	06/17/2025	17:18

Raw Data: **VX046757.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046757.D BFB Injection Date: 06/19/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:42

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	18.8
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	72.6
175	5.0 - 9.0% of mass 174	5.7 (7.8) 1
176	95.0 - 101.0% of mass 174	71.1 (97.9) 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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046758.D	06/19/2025	09:43
VX0619WBL01	VX0619WBL01	VX046760.D	06/19/2025	10:33
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025	11:24
VX0619WBSD01	VX0619WBSD01	VX046763.D	06/19/2025	11:51
GCAP1W	Q2363-02	VX046768.D	06/19/2025	13:36

Raw Data: **VY022775.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022775.D BFB Injection Date: 06/23/2025

Instrument ID: MSVOA_Y BFB Injection Time: 10:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.8
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	81.9
175	5.0 - 9.0% of mass 174	6 (7.4) 1
176	95.0 - 101.0% of mass 174	78.2 (95.5) 1
177	5.0 - 9.0% of mass 176	5.1 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022776.D	06/23/2025	13:38
VSTDICC010	VSTDICC010	VY022777.D	06/23/2025	14:00
VSTDICC020	VSTDICC020	VY022778.D	06/23/2025	14:23
VSTDICCC050	VSTDICCC050	VY022779.D	06/23/2025	14:46
VSTDICC100	VSTDICC100	VY022780.D	06/23/2025	15:08
VSTDICC150	VSTDICC150	VY022781.D	06/23/2025	15:31

Raw Data: **VY022784.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022784.D BFB Injection Date: 06/24/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:49

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.9
75	30.0 - 60.0% of mass 95	55.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	79.8
175	5.0 - 9.0% of mass 174	6.2 (7.7) 1
176	95.0 - 101.0% of mass 174	77.4 (96.9) 1
177	5.0 - 9.0% of mass 176	5.1 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022785.D	06/24/2025	09:20
VY0624SBL01	VY0624SBL01	VY022786.D	06/24/2025	10:25
VY0624SBS01	VY0624SBS01	VY022787.D	06/24/2025	10:58
VY0624SBSD01	VY0624SBSD01	VY022788.D	06/24/2025	11:21
GCAP1	Q2363-01	VY022793.D	06/24/2025	13:32

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087122.D Date Analyzed: 06/20/2025

Instrument ID: MSVOA_N Time Analyzed: 08:51

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	203626	8.23	354629	9.11	307356	11.87
UPPER LIMIT	407252	8.73	709258	9.606	614712	12.365
LOWER LIMIT	101813	7.73	177315	8.606	153678	11.365
EPA SAMPLE NO.						
GCAP1ME	160799	8.22	252217	9.10	281251	11.87
VN0620MBL01	161603	8.23	319855	9.11	284735	11.87
VN0620MBS01	157684	8.23	276593	9.11	261641	11.87
GCAP1WDL	192434	8.23	385508	9.11	346901	11.87
VN0620WBL01	186699	8.23	379621	9.11	343369	11.87
VN0620WBS01	175525	8.23	309350	9.11	276352	11.87

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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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087122.D Date Analyzed: 06/20/2025

Instrument ID: MSVOA_N Time Analyzed: 08:51

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	151554	13.788				
UPPER LIMIT	303108	14.288				
LOWER LIMIT	75777	13.288				
EPA SAMPLE NO.						
GCAP1ME	129659	13.79				
VN0620MBL01	131966	13.79				
VN0620MBS01	136861	13.79				
GCAP1WDL	163544	13.79				
VN0620WBL01	159510	13.79				
VN0620WBS01	139787	13.79				

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

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	137182	5.56	224265	6.76	197740	10.05
UPPER LIMIT	274364	6.056	448530	7.263	395480	10.549
LOWER LIMIT	68591	5.056	112133	6.263	98870	9.549
EPA SAMPLE NO.						
GCAP1W	97884	5.56	166362	6.77	147962	10.06
VX0619WBL01	124937	5.56	212303	6.77	191555	10.06
VX0619WBS01	137936	5.56	227140	6.77	207463	10.06
VX0619WBSD01	120371	5.56	199496	6.76	183807	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

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

	IS4 AREA #	RT #				
12 HOUR STD	96867	12.018				
UPPER LIMIT	193734	12.518				
LOWER LIMIT	48433.5	11.518				
EPA SAMPLE NO.						
GCAP1W	72498	12.02				
VX0619WBL01	93040	12.02				
VX0619WBS01	104652	12.02				
VX0619WBSD01	94851	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022785.D Date Analyzed: 06/24/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	480569	7.71	788269	8.62	678315	11.41
UPPER LIMIT	961138	8.207	1576540	9.116	1356630	11.914
LOWER LIMIT	240285	7.207	394135	8.116	339158	10.914
EPA SAMPLE NO.						
GCAP1	325185	7.70	571084	8.61	576784	11.41
VY0624SBL01	300507	7.71	535641	8.61	452693	11.41
VY0624SBS01	456381	7.70	765818	8.61	658494	11.41
VY0624SBSD01	454676	7.71	751533	8.61	644021	11.41

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022785.D Date Analyzed: 06/24/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	340335	13.34				
UPPER LIMIT	680670	13.84				
LOWER LIMIT	170168	12.84				
EPA SAMPLE NO.						
GCAP1	303388	13.34				
VY0624SBL01	171409	13.34				
VY0624SBS01	311846	13.34				
VY0624SBSD01	303566	13.34				

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: **VY022793.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022793.D	1		06/24/25 13:32	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.40	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.40	ug/Kg
75-01-4	Vinyl Chloride	0.86	U	0.86	5.40	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.40	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.40	ug/Kg
67-64-1	Acetone	5.10	U	5.10	27.1	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.79	U	0.79	5.40	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.40	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	10.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.93	U	0.93	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.87	U	0.87	5.40	ug/Kg
110-82-7	Cyclohexane	32.3		0.86	5.40	ug/Kg
78-93-3	2-Butanone	7.10	U	7.10	27.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.81	U	0.81	5.40	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.40	ug/Kg
67-66-3	Chloroform	0.91	U	0.91	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
108-87-2	Methylcyclohexane	220	E	0.99	5.40	ug/Kg
71-43-2	Benzene	0.86	U	0.86	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.86	U	0.86	5.40	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	0.99	5.40	ug/Kg
75-27-4	Bromodichloromethane	0.85	U	0.85	5.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.90	U	3.90	27.1	ug/Kg
108-88-3	Toluene	0.85	U	0.85	5.40	ug/Kg

Raw Data: **VY022793.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022793.D	1		06/24/25 13:32	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.71	U	0.71	5.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	5.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	27.1	ug/Kg
124-48-1	Dibromochloromethane	0.94	U	0.94	5.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.95	U	0.95	5.40	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.40	ug/Kg
108-90-7	Chlorobenzene	0.99	U	0.99	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.40	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.8	ug/Kg
95-47-6	o-Xylene	0.89	U	0.89	5.40	ug/Kg
100-42-5	Styrene	0.77	U	0.77	5.40	ug/Kg
75-25-2	Bromoform	0.93	U	0.93	5.40	ug/Kg
98-82-8	Isopropylbenzene	0.85	U	0.85	5.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.7		70 (63) - 130 (155)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	65.0		70 (74) - 130 (123)	130%	SPK: 50
460-00-4	4-Bromofluorobenzene	82.5	*	70 (17) - 130 (146)	165%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	325000	7.701			
540-36-3	1,4-Difluorobenzene	571000	8.61			
3114-55-4	Chlorobenzene-d5	577000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	303000	13.34			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VY022793.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022793.D	1		06/24/25 13:32	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000594-82-1	Butane, 2,2,3,3-tetramethyl-	110	J		8.25	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	110	J		8.34	ug/Kg
002815-58-9	Cyclopentane, 1,2,4-trimethyl-	130	J		9.38	ug/Kg
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	240	J		9.53	ug/Kg
000930-89-2	Cyclopentane, 1-ethyl-2-methyl-, c	140	J		10.3	ug/Kg
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	140	J		10.4	ug/Kg
002207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	120	J		10.5	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	350	J		11.0	ug/Kg
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	120	J		11.2	ug/Kg
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	130	J		11.7	ug/Kg
004923-78-8	Cyclohexane, 1-ethyl-2-methyl-, tr	160	J		11.9	ug/Kg
003868-64-2	Pentalene, octahydro-2-methyl-	170	J		12.1	ug/Kg
103-65-1	n-propylbenzene	4.30	J		12.6	ug/Kg
003971-29-7	unknown12.713	110	J		12.7	ug/Kg
000091-17-8	Naphthalene, decahydro-	150	J		13.7	ug/Kg
004489-84-3	Benzene, (3-methyl-2-butenyl)-	95.7	J		15.0	ug/Kg

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_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Time: Jun 25 01:25:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

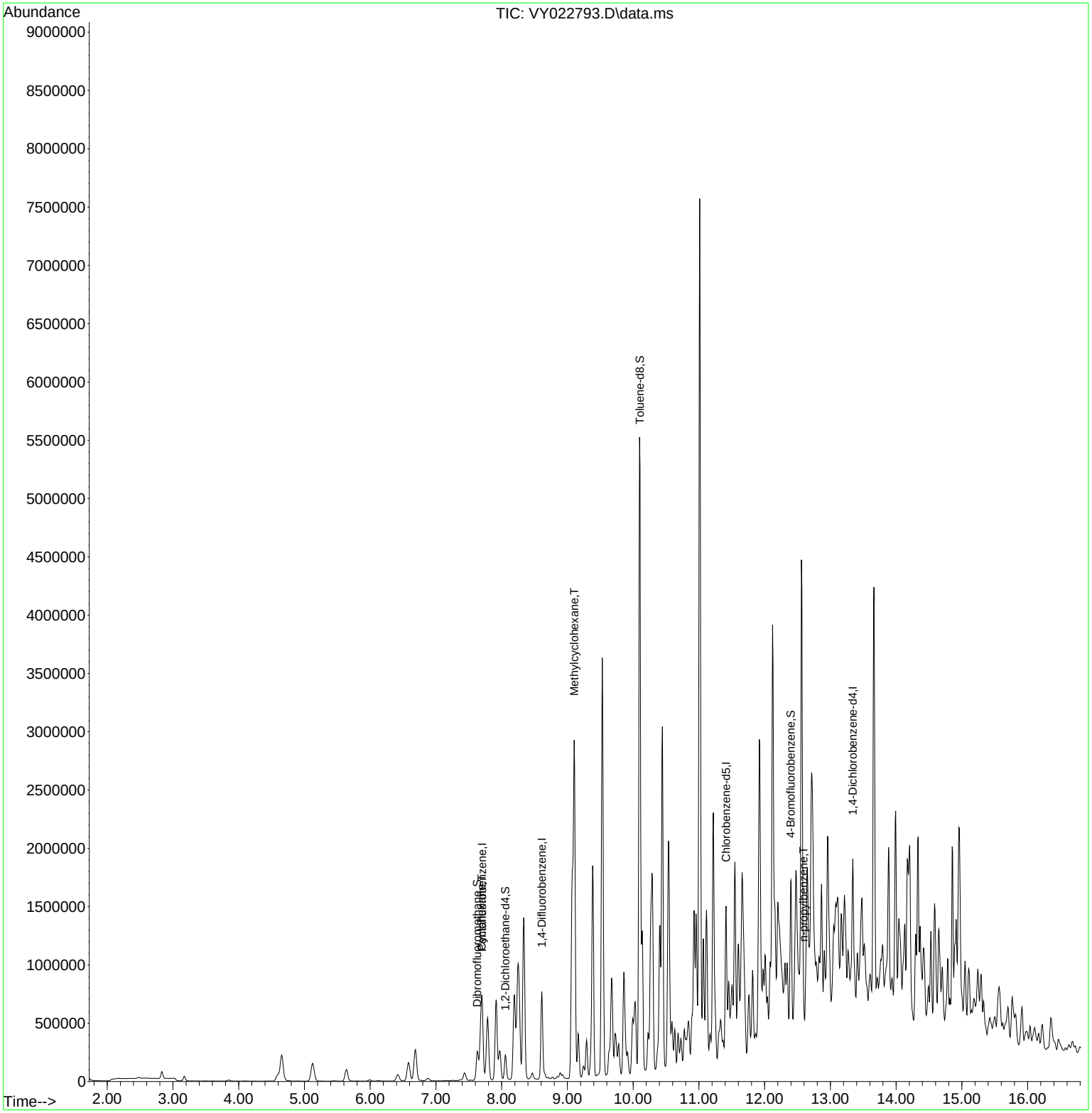
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	325185	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	571084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	576784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	165802	45.683	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.360%			
35) Dibromofluoromethane	7.628	113	173360	49.916	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.840%			
50) Toluene-d8	10.103	98	896002	65.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 130.020%			
62) 4-Bromofluorobenzene	12.396	95	365336	82.462	ug/l	-0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 164.920%#			
Target Compounds						Qvalue
31) Cyclohexane	7.695	56	185350	29.732	ug/l	94
39) Methylcyclohexane	9.103	83	1398906	205.343	ug/l	99
78) n-propylbenzene	12.591	91	106853	3.944	ug/l	93

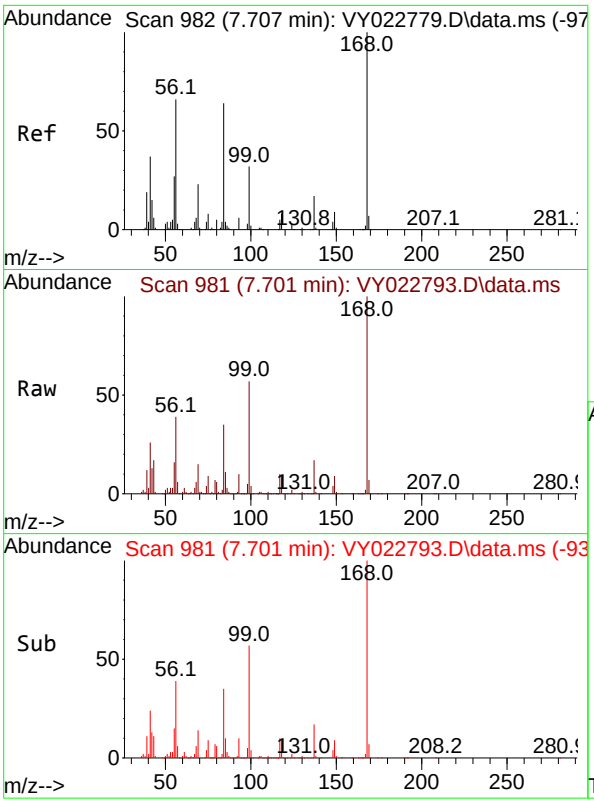
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Time: Jun 25 01:25:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



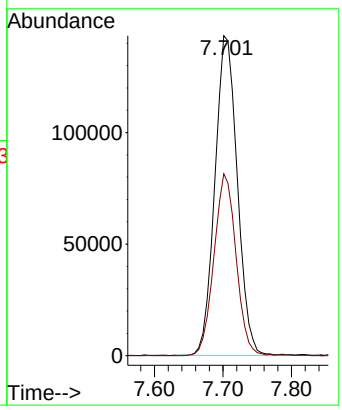


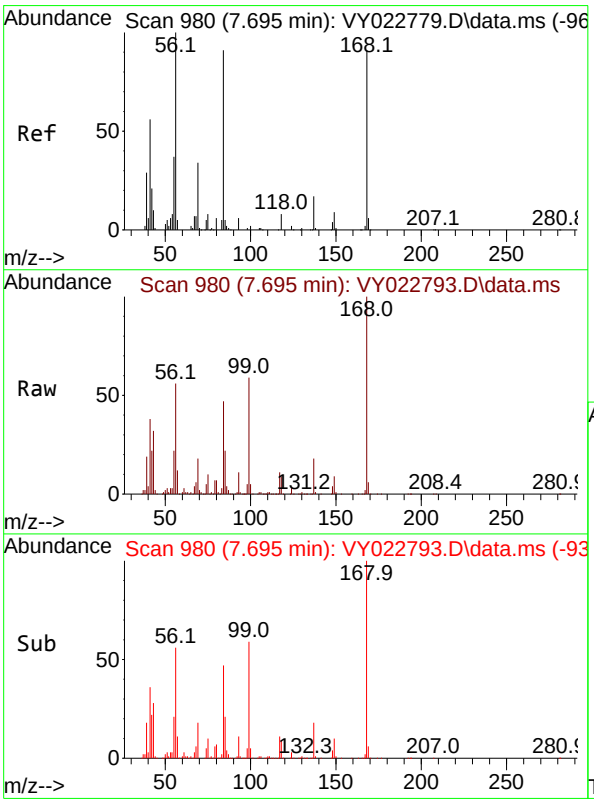
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion:168 Resp: 325185

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.3	66.5

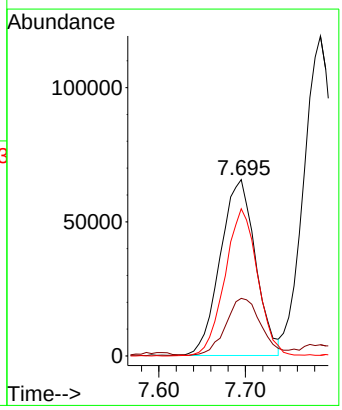


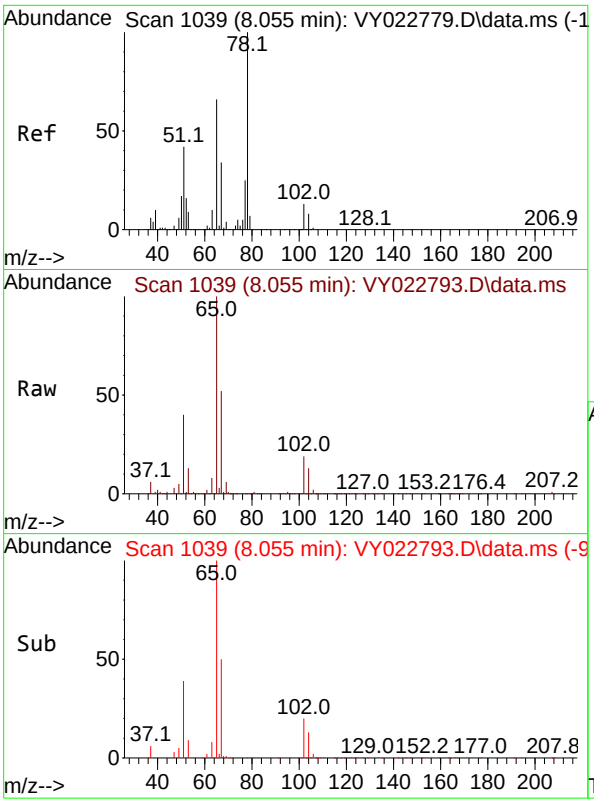


#31
Cyclohexane
Concen: 29.732 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 56 Resp: 185350

Ion	Ratio	Lower	Upper
56	100		
69	32.0	27.0	40.6
84	83.5	72.6	109.0



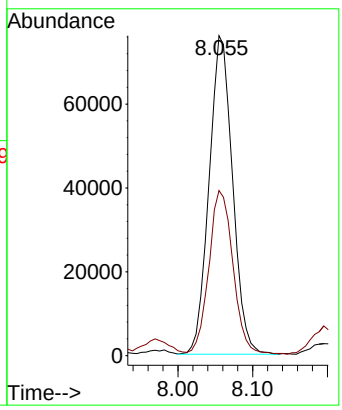


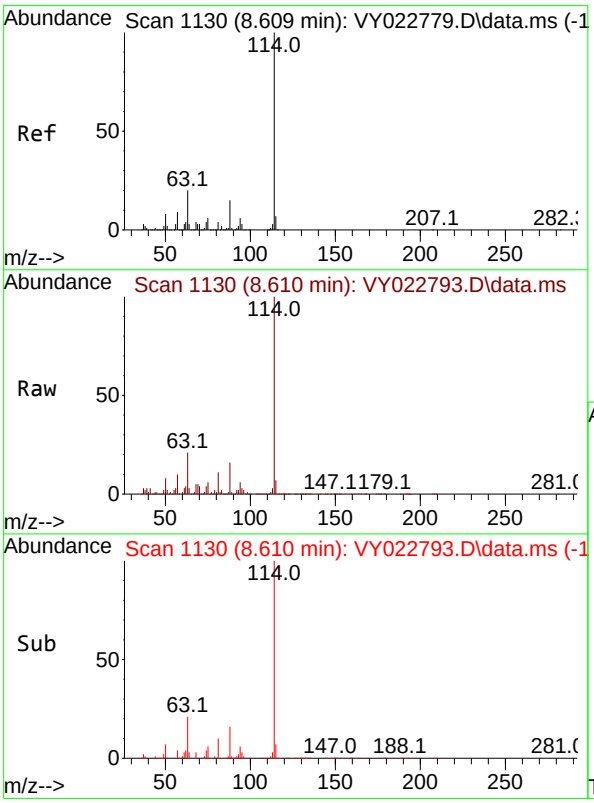
#33
1,2-Dichloroethane-d4
Concen: 45.683 ug/l
RT: 8.055 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion: 65 Resp: 165802

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.4

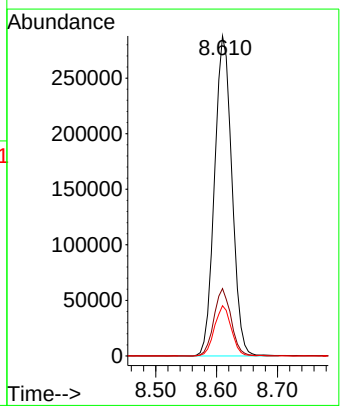


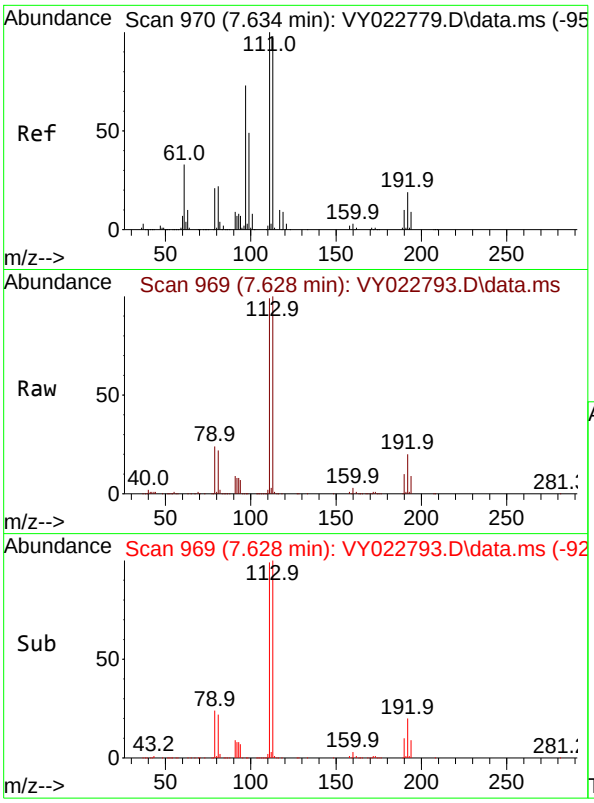


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion:114 Resp: 571084

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	15.7	0.0	27.8



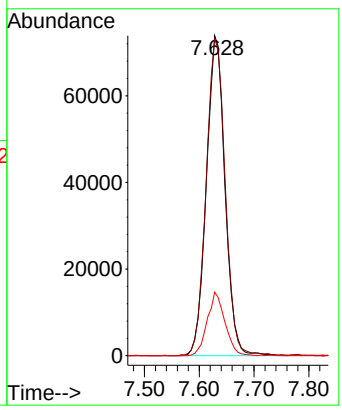


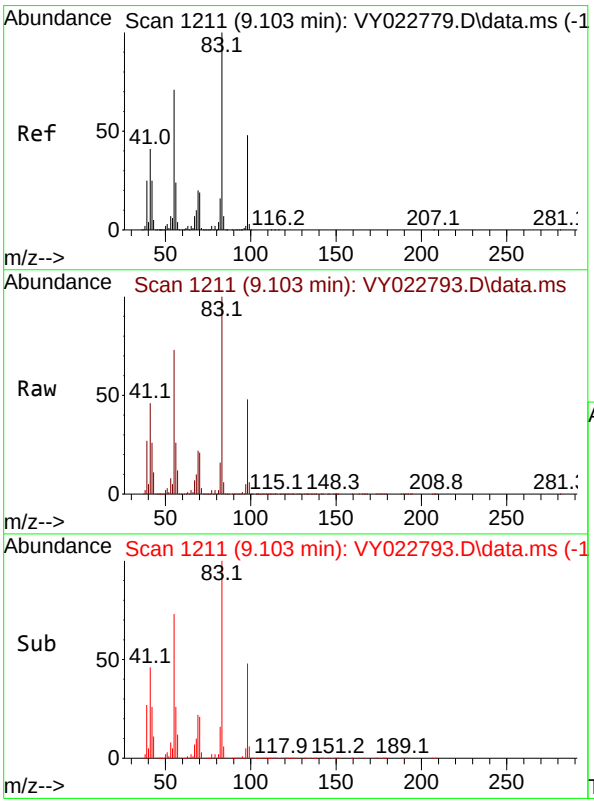
#35
Dibromofluoromethane
Concen: 49.916 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion:113 Resp: 173360

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	18.9	14.2	21.2

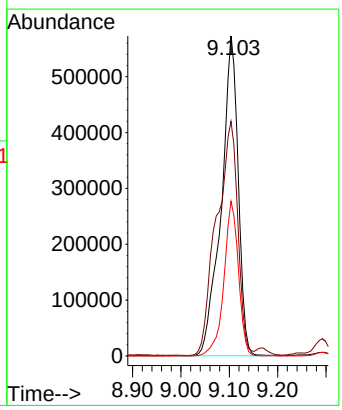


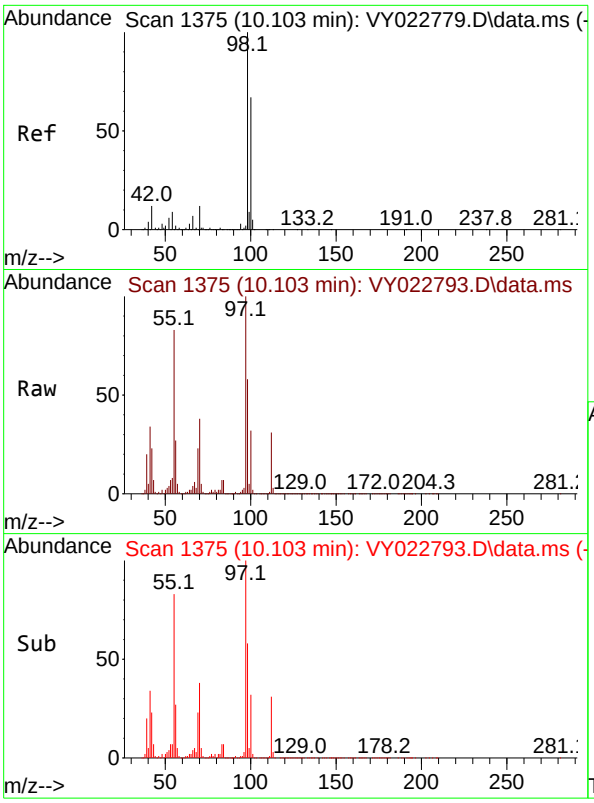


#39
Methylcyclohexane
Concen: 205.343 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 83 Resp: 1398906

Ion	Ratio	Lower	Upper
83	100		
55	73.1	58.1	87.1
98	48.4	39.0	58.6



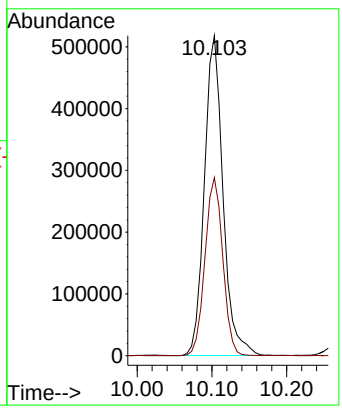


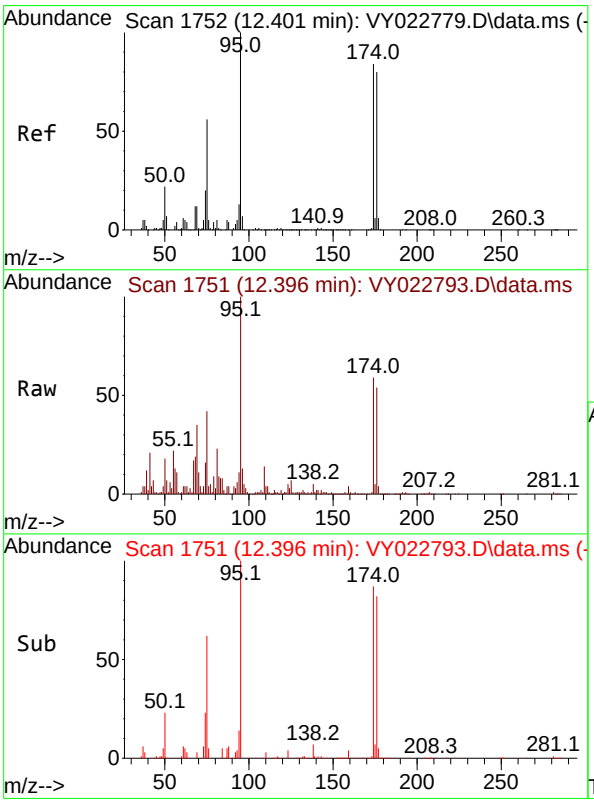
#50
Toluene-d8
Concen: 65.014 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion: 98 Resp: 896002

Ion	Ratio	Lower	Upper
98	100		
100	53.3	51.4	77.0

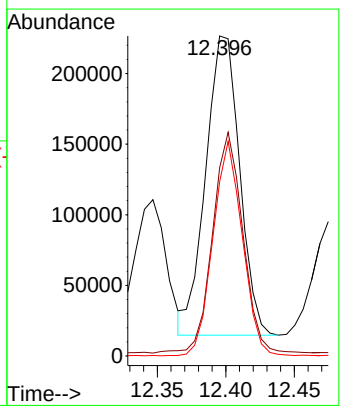


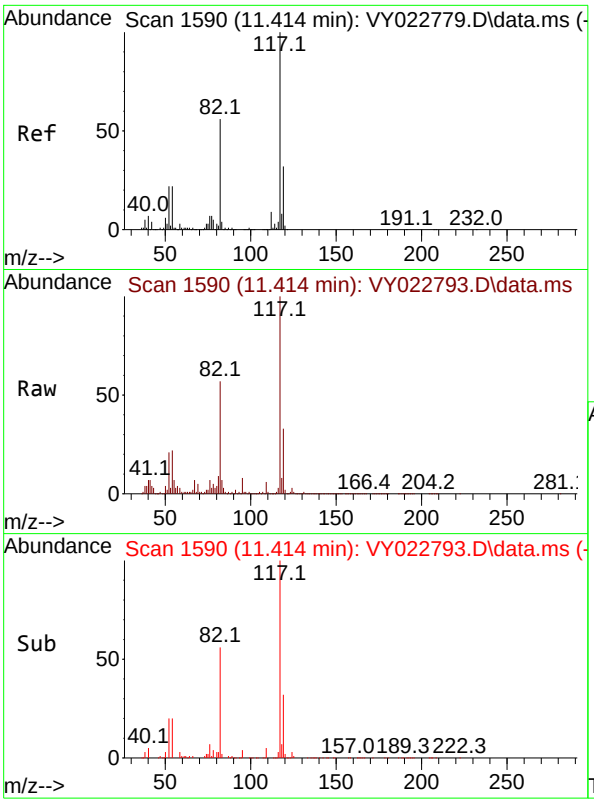


#62
4-Bromofluorobenzene
Concen: 82.462 ug/l
RT: 12.396 min Scan# 1751
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 95 Resp: 365336

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	170.0
176	61.9	0.0	166.2



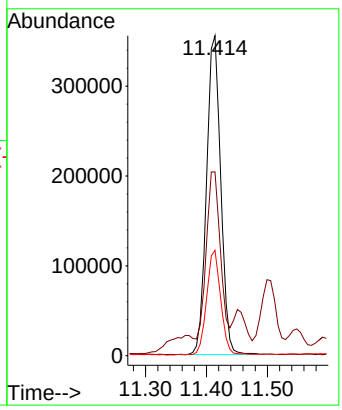


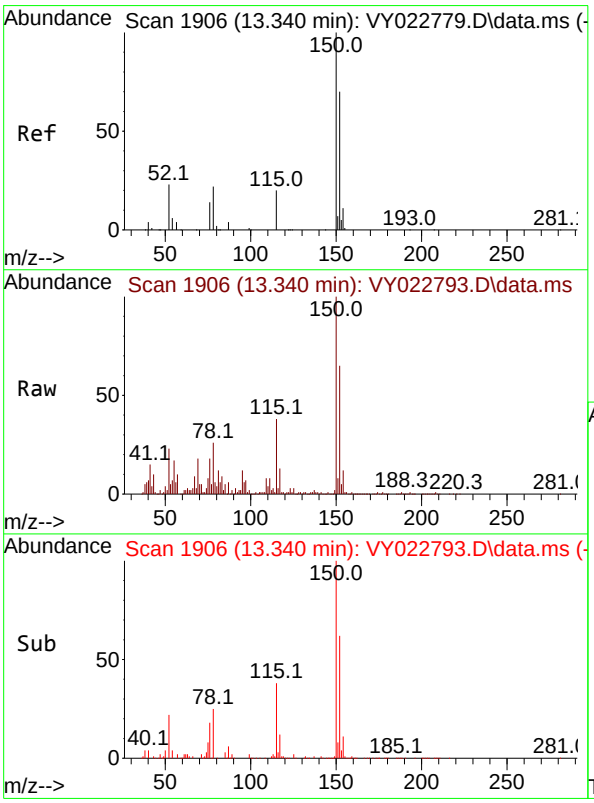
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion:117 Resp: 576784

Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.6	66.8
119	32.6	25.4	38.0

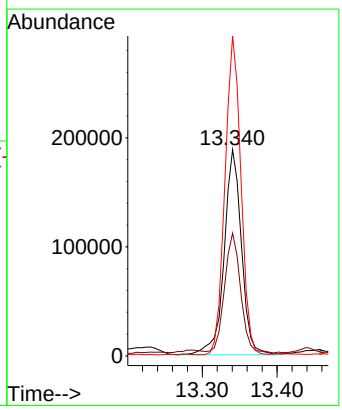


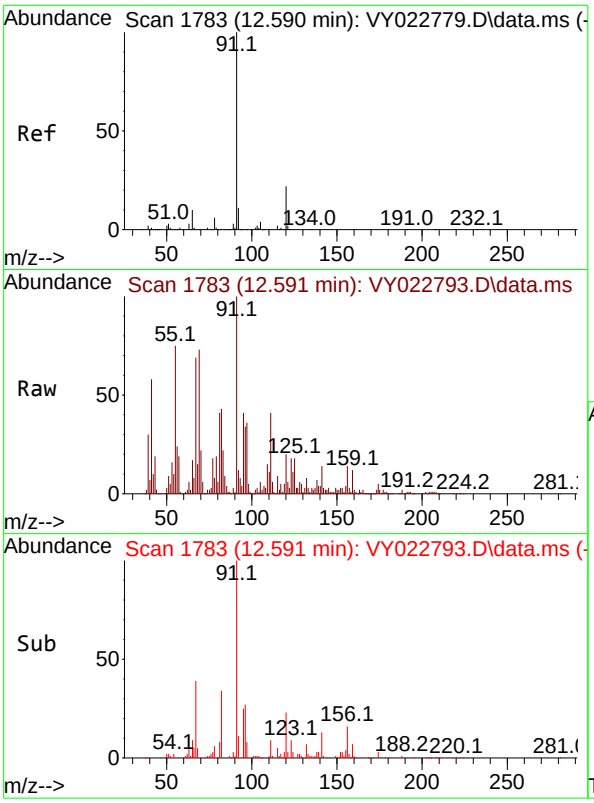


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion:152 Resp: 303388

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.9	86.7
150	142.9	0.0	349.6



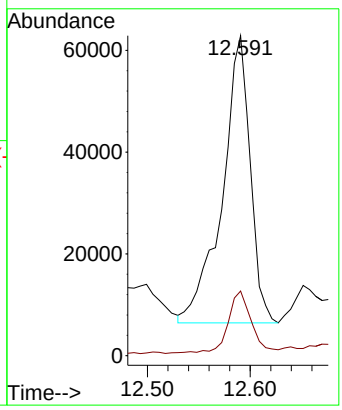


#78
n-propylbenzene
Concen: 3.944 ug/l
RT: 12.591 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion: 91 Resp: 106853

Ion	Ratio	Lower	Upper
91	100		
120	18.4	10.8	32.4



Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.653	459	481	506	rBV2	223794	943668	7.54%	0.455%
2	5.122	540	558	574	rBV	152570	547648	4.38%	0.264%
3	6.586	784	798	806	rBV	157388	511780	4.09%	0.247%
4	6.689	806	815	827	rVB	264785	789534	6.31%	0.381%
5	7.628	958	969	973	rBV	249098	618382	4.94%	0.298%
6	7.695	973	980	988	rVV5	729272	2180319	17.43%	1.052%
7	7.787	988	995	1007	rVV	535505	1375337	10.99%	0.664%
8	7.915	1007	1016	1022	rVV	687281	1658945	13.26%	0.801%
9	7.969	1022	1025	1033	rVV	249772	547127	4.37%	0.264%
10	8.055	1033	1039	1051	rVV	212134	479415	3.83%	0.231%
11	8.195	1051	1062	1065	rVV2	726422	1732769	13.85%	0.836%
12	8.250	1065	1071	1079	rVV4	992825	3178857	25.41%	1.534%
13	8.335	1079	1085	1097	rVV	1385947	3101602	24.79%	1.497%
14	8.610	1121	1130	1143	rBV	750451	1589774	12.71%	0.767%
15	9.103	1197	1211	1218	rBV2	2904413	8995321	71.90%	4.342%
16	9.164	1218	1221	1228	rVV	376660	653820	5.23%	0.316%
17	9.292	1237	1242	1247	rVV	314793	594837	4.75%	0.287%
18	9.384	1247	1257	1265	rVB	1801629	3668930	29.32%	1.771%
19	9.530	1273	1281	1290	rVB2	3578464	6957793	55.61%	3.358%
20	9.670	1293	1304	1310	rBV2	823840	2201548	17.60%	1.063%
21	9.725	1310	1313	1319	rVV5	253639	533906	4.27%	0.258%
22	9.780	1319	1322	1328	rVB2	257172	437040	3.49%	0.211%
23	9.859	1328	1335	1342	rBV2	874265	2012814	16.09%	0.972%
24	9.994	1350	1357	1359	rBV2	473048	899994	7.19%	0.434%
25	10.030	1359	1363	1368	rVB3	532945	1092644	8.73%	0.527%
26	10.097	1368	1374	1379	rBV2	5375673	9819977	78.49%	4.740%
27	10.225	1389	1395	1397	rBV	317628	489936	3.92%	0.236%
28	10.286	1397	1405	1414	rVB3	1681974	4892242	39.10%	2.361%
29	10.408	1414	1425	1427	rBV	1232930	2527097	20.20%	1.220%
30	10.445	1427	1431	1439	rVB	2915434	4957883	39.63%	2.393%
31	10.536	1439	1446	1452	rBV2	1935163	4178059	33.39%	2.017%
32	10.591	1452	1455	1459	rVV	353239	594055	4.75%	0.287%
33	10.634	1459	1462	1466	rVB2	278506	406413	3.25%	0.196%
34	10.682	1466	1470	1474	rBV	249998	406093	3.25%	0.196%
35	10.780	1481	1486	1489	rBV	271308	492043	3.93%	0.237%
36	10.841	1492	1496	1501	rVV4	308740	632645	5.06%	0.305%

Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

37	10.926	1501	1510	1513	rVV2	1251065	2770381	22.14%	1.337%
38	10.957	1513	1515	1519	rVV	1212909	1842508	14.73%	0.889%
39	11.012	1519	1524	1530	rVV	7337026	12511401	100.00%	6.039%
40	11.066	1530	1533	1537	rVV3	979894	1602201	12.81%	0.773%
41	11.115	1537	1541	1547	rVV3	1219441	2195627	17.55%	1.060%
42	11.219	1552	1558	1568	rVB	2108881	4306926	34.42%	2.079%
43	11.329	1568	1576	1581	rBV6	332750	1019152	8.15%	0.492%
44	11.414	1585	1590	1593	rBV	1208291	1964902	15.70%	0.948%
45	11.451	1593	1596	1600	rVV	552776	999513	7.99%	0.482%
46	11.505	1600	1605	1607	rVV	512521	1030024	8.23%	0.497%
47	11.548	1607	1612	1616	rVV	1555976	2709968	21.66%	1.308%
48	11.603	1616	1621	1624	rVV4	842722	1704305	13.62%	0.823%
49	11.658	1624	1630	1641	rVB2	1546302	4810043	38.45%	2.322%
50	11.761	1641	1647	1651	rBV4	498499	978119	7.82%	0.472%
51	11.816	1651	1656	1661	rVB	579442	896829	7.17%	0.433%
52	11.920	1666	1673	1680	rBV2	2553133	5649650	45.16%	2.727%
53	11.975	1680	1682	1685	rVV	290616	409685	3.27%	0.198%
54	12.005	1685	1687	1691	rVB2	401607	516618	4.13%	0.249%
55	12.085	1696	1700	1701	rBV2	493288	615075	4.92%	0.297%
56	12.121	1701	1706	1715	rVV2	3132402	6112463	48.86%	2.950%
57	12.200	1715	1719	1733	rVB6	779672	2433711	19.45%	1.175%
58	12.341	1740	1742	1746	rVB3	480693	632030	5.05%	0.305%
59	12.402	1746	1752	1757	rVB2	1190635	1958175	15.65%	0.945%
60	12.475	1757	1764	1773	rBV4	1275761	3712417	29.67%	1.792%
61	12.560	1773	1778	1786	rVB2	3943897	6866184	54.88%	3.314%
62	12.645	1786	1792	1797	rBV5	1303884	3126156	24.99%	1.509%
63	12.713	1799	1803	1813	rVB6	1645159	4097750	32.75%	1.978%
64	12.865	1824	1828	1832	rVB3	924795	1377975	11.01%	0.665%
65	12.908	1832	1835	1838	rBV	354222	468640	3.75%	0.226%
66	12.956	1839	1843	1852	rVB4	1412542	3068950	24.53%	1.481%
67	13.048	1854	1858	1860	rBV2	566868	871406	6.96%	0.421%
68	13.164	1874	1877	1881	rBV4	450596	694319	5.55%	0.335%
69	13.212	1881	1885	1891	rVB5	708702	1480844	11.84%	0.715%
70	13.340	1902	1906	1914	rVB	1184567	2116251	16.91%	1.021%
71	13.414	1914	1918	1921	rBV2	375949	609808	4.87%	0.294%
72	13.481	1923	1929	1932	rBV3	575484	1090284	8.71%	0.526%
73	13.664	1953	1959	1964	rBV2	3461937	5838278	46.66%	2.818%
74	13.883	1991	1995	2001	rVB	1221525	1973322	15.77%	0.952%
75	13.993	2007	2013	2017	rBV3	1580009	2680652	21.43%	1.294%
76	14.042	2017	2021	2029	rVB5	607994	1441175	11.52%	0.696%

Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

77	14.133	2029	2036	2038	rBV2	563531	1035495	8.28%	0.500%
78	14.170	2038	2042	2045	rBV2	954826	1714521	13.70%	0.828%
79	14.298	2058	2063	2065	rBV2	738479	1180202	9.43%	0.570%
80	14.334	2065	2069	2072	rVV2	1571510	2722327	21.76%	1.314%
81	14.365	2072	2074	2079	rVV	799375	1423465	11.38%	0.687%
82	14.420	2080	2083	2089	rVV3	608244	1237930	9.89%	0.598%
83	14.493	2092	2095	2097	rVV2	273560	387090	3.09%	0.187%
84	14.529	2097	2101	2105	rVV2	744499	1135694	9.08%	0.548%
85	14.584	2105	2110	2117	rVV3	978207	2063508	16.49%	0.996%
86	14.651	2117	2121	2126	rVV5	751933	1609514	12.86%	0.777%
87	14.700	2126	2129	2135	rVB3	455584	782441	6.25%	0.378%
88	14.785	2139	2143	2147	rVV3	490238	803226	6.42%	0.388%
89	14.852	2150	2154	2158	rVV	1443934	2237885	17.89%	1.080%
90	14.913	2162	2164	2167	rVV2	816926	1137128	9.09%	0.549%
91	14.956	2167	2171	2181	rVV2	1597939	3735212	29.85%	1.803%
92	15.047	2182	2186	2191	rVB3	460636	742259	5.93%	0.358%
93	15.102	2191	2195	2200	rBV4	396480	762204	6.09%	0.368%
94	15.243	2214	2218	2222	rBV4	298267	497314	3.97%	0.240%
95	15.291	2223	2226	2230	rVB3	325822	479570	3.83%	0.231%
96	15.566	2265	2271	2278	rVB6	333063	888325	7.10%	0.429%
97	15.767	2299	2304	2309	rBV4	340540	826919	6.61%	0.399%
98	15.913	2322	2328	2333	rBV2	307986	600973	4.80%	0.290%
99	16.224	2375	2379	2388	rVB2	214083	460239	3.68%	0.222%
100	16.352	2395	2400	2415	rVB5	274605	835172	6.68%	0.403%

Sum of corrected areas: 207182577

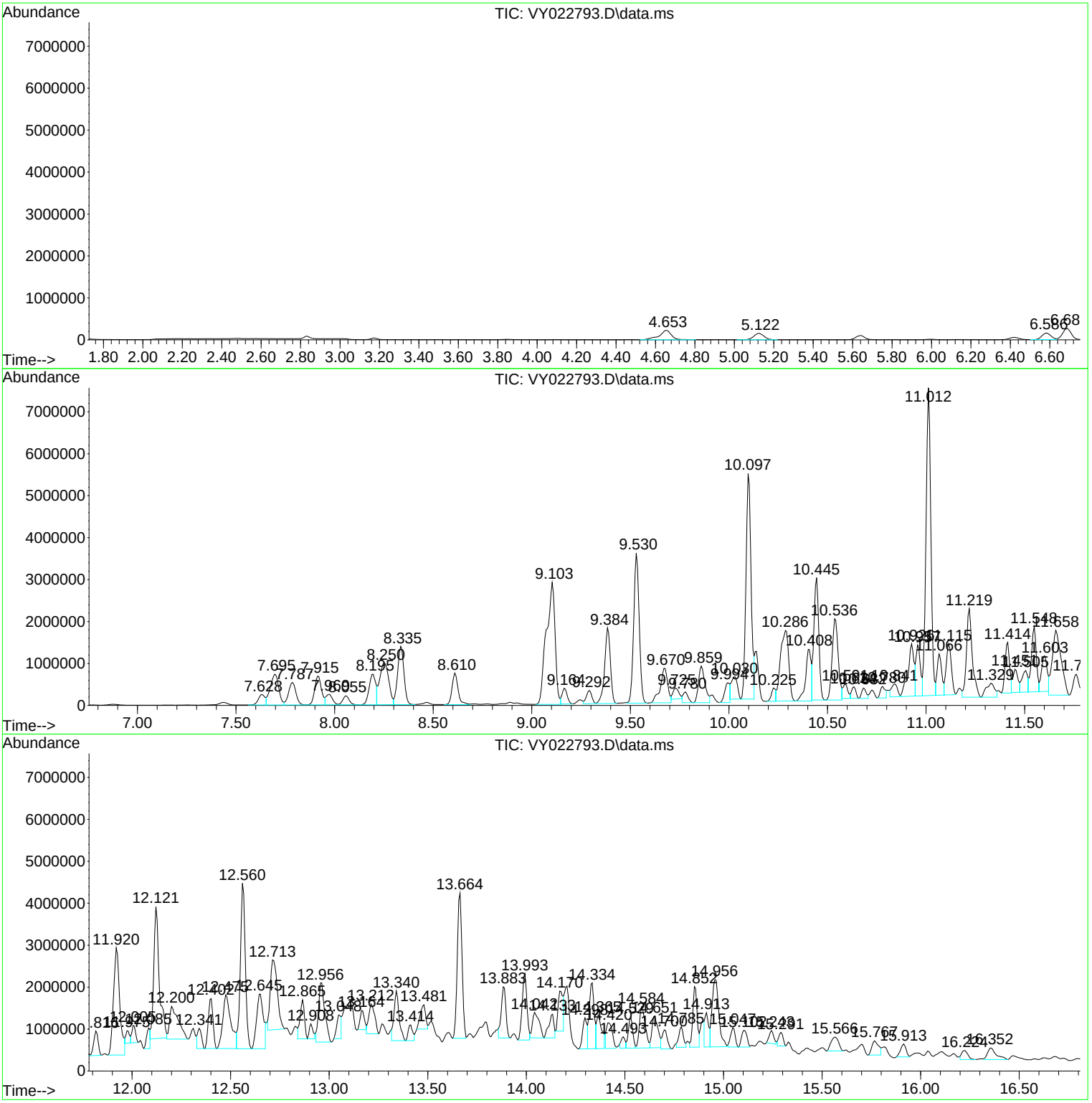
Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

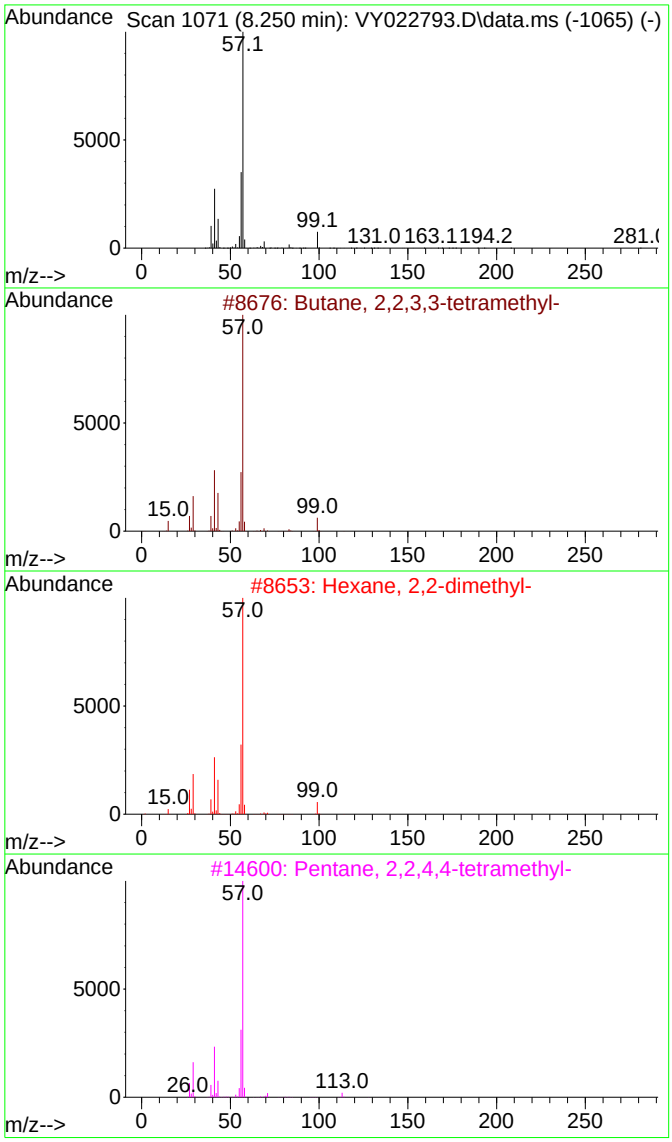
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

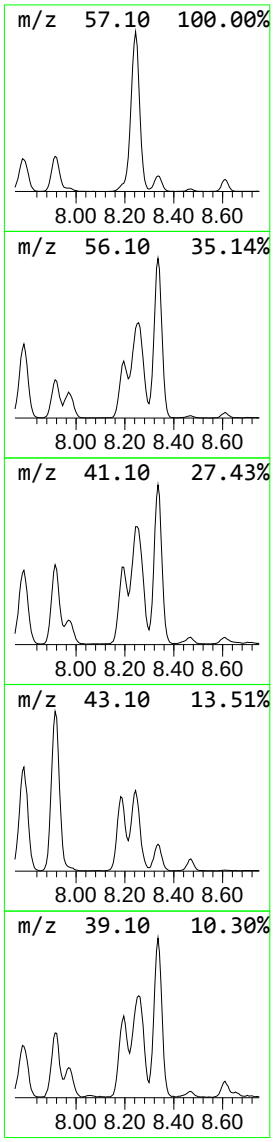
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.250	99.98 ug/l	3178860	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

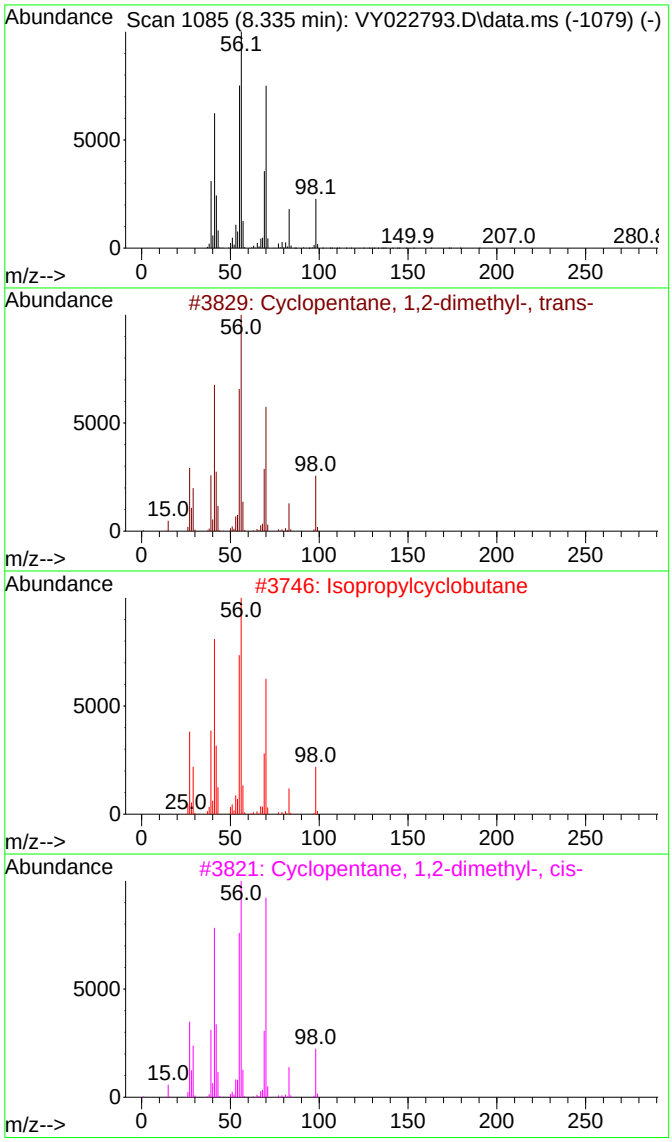
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

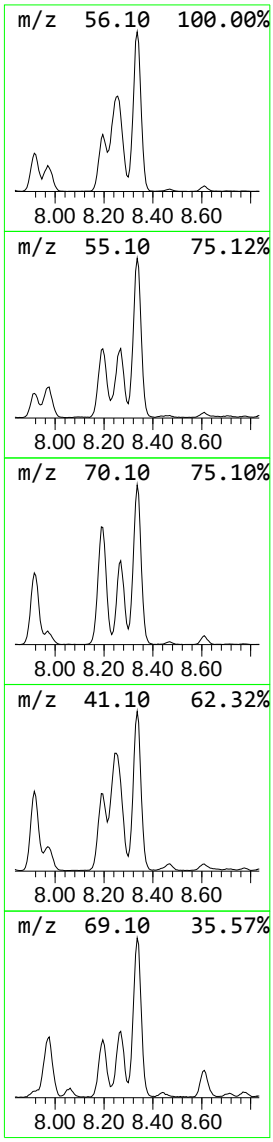
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,2-dimethyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.335	97.55 ug/l	3101600	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	1-Heptene	98	C7H14	000592-76-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

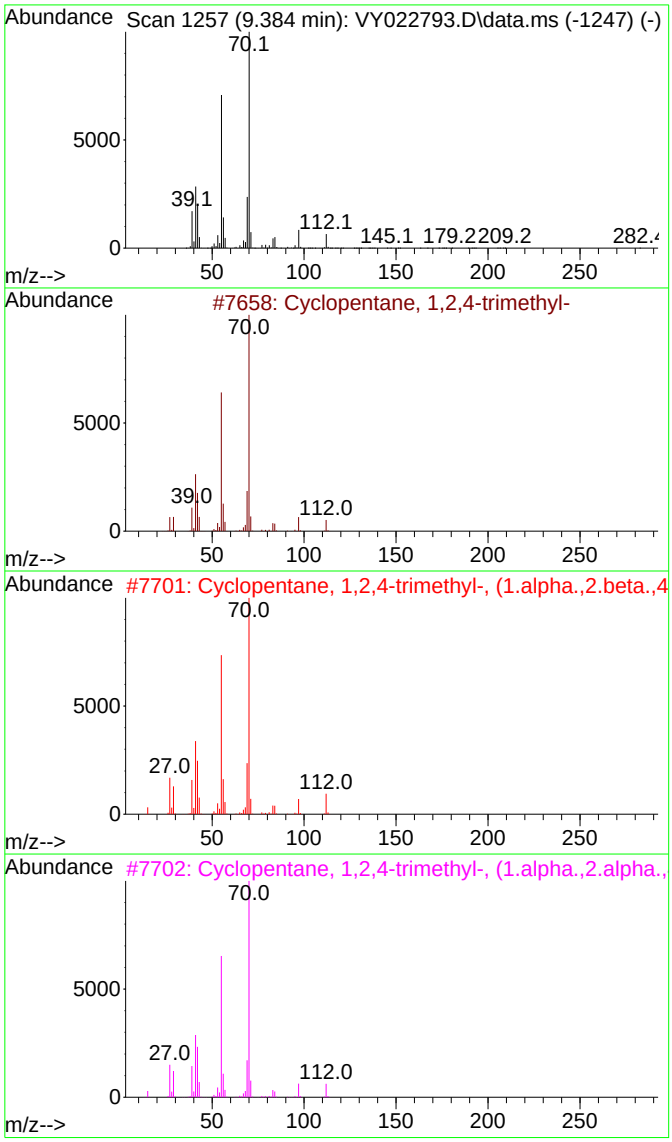
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

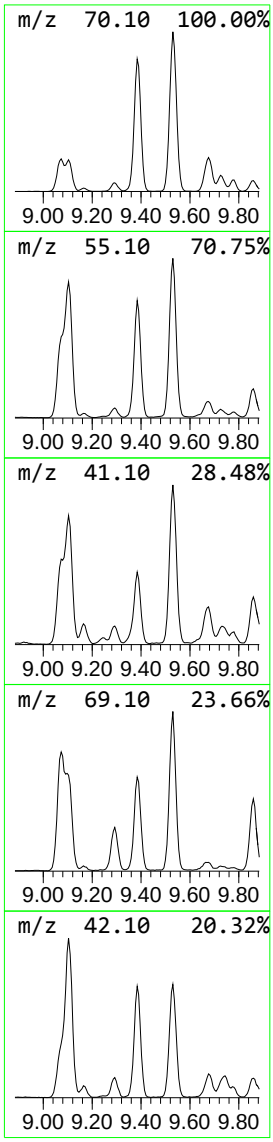
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.384	115.39 ug/l	3668930	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

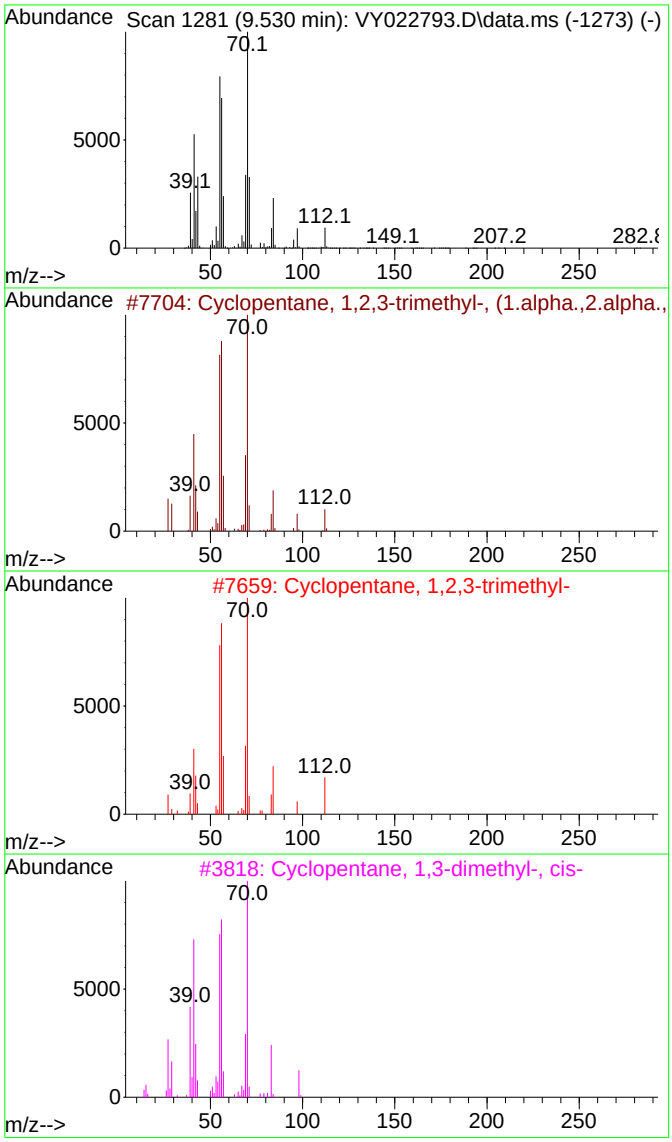
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

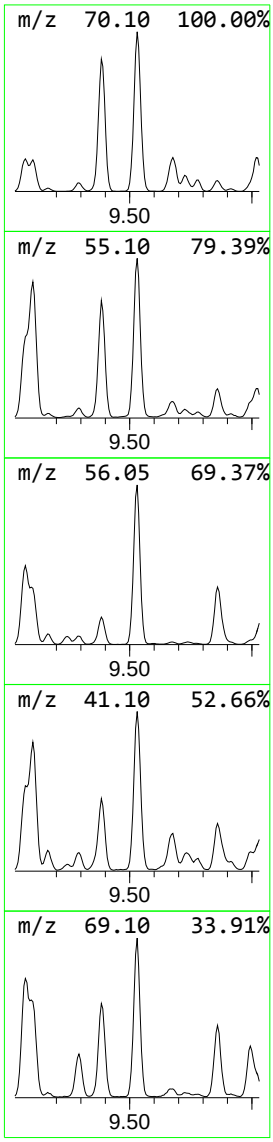
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,2,3-trimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.530	218.83 ug/l	6957790	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

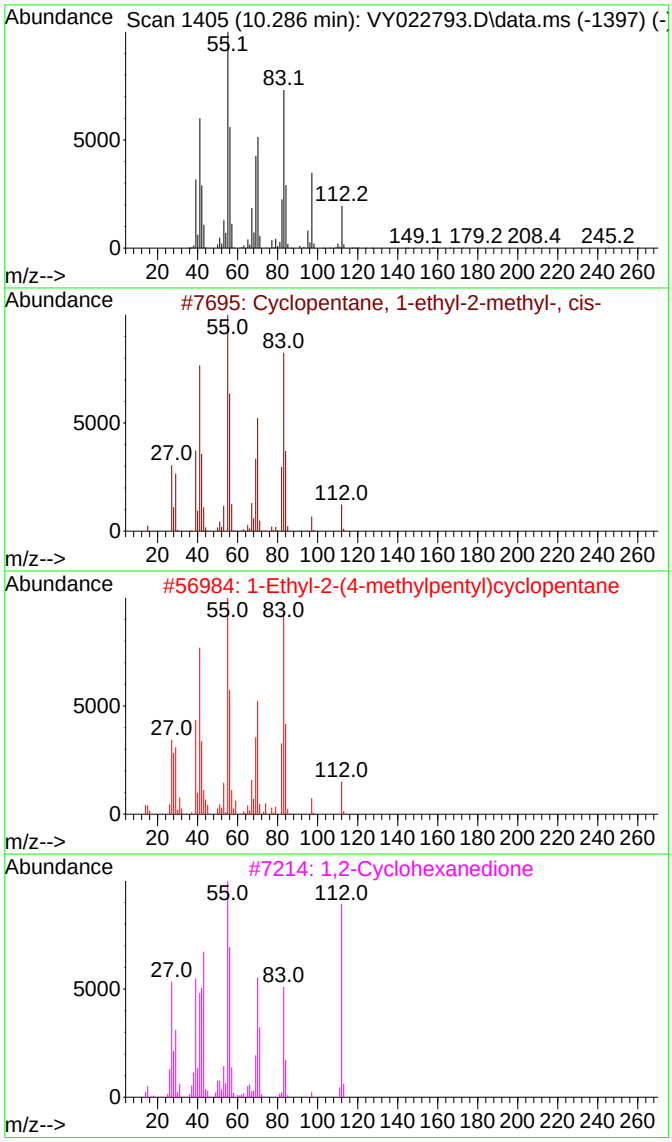
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

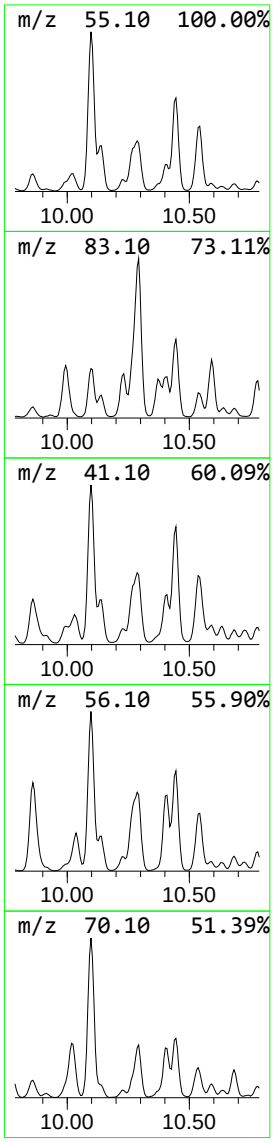
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1-ethyl-2-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	124.49 ug/l	4892240	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	80
2	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	80
3	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	64
4	Cyclooctane	112	C8H16	000292-64-8	62
5	2-Octene, (Z)-	112	C8H16	007642-04-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

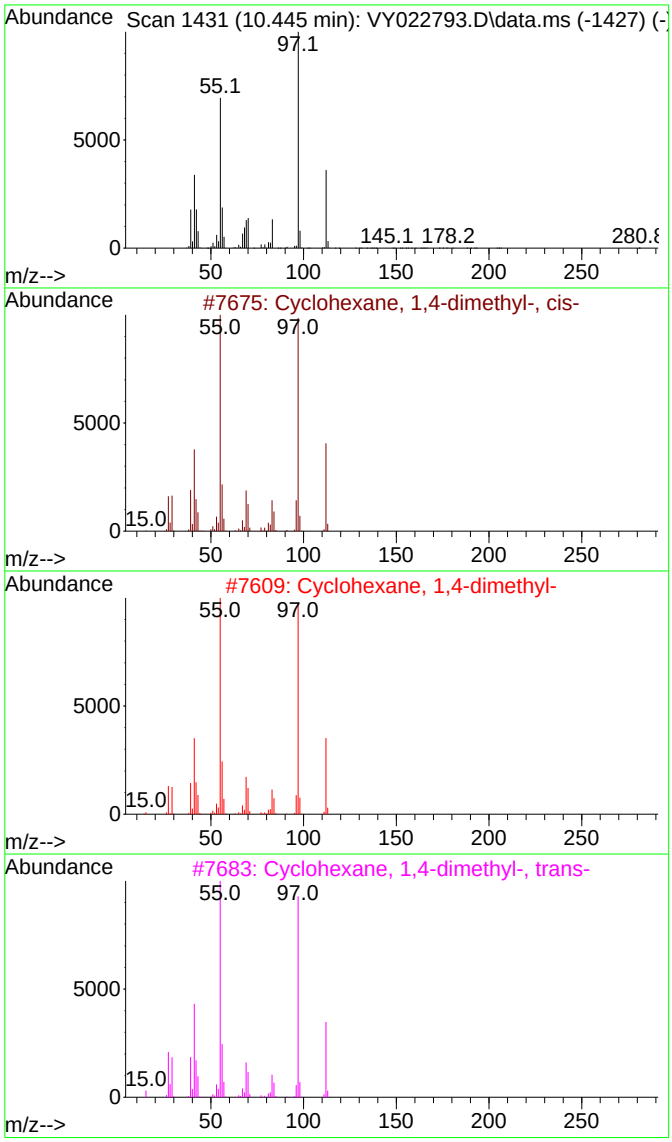
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

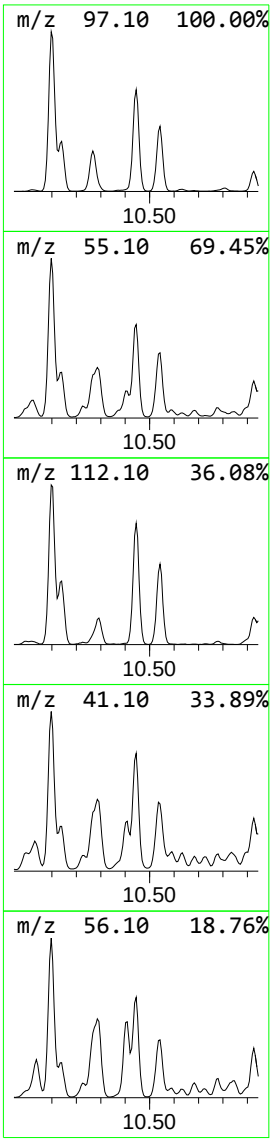
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	126.16 ug/l	4957880	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	74
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	74





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Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

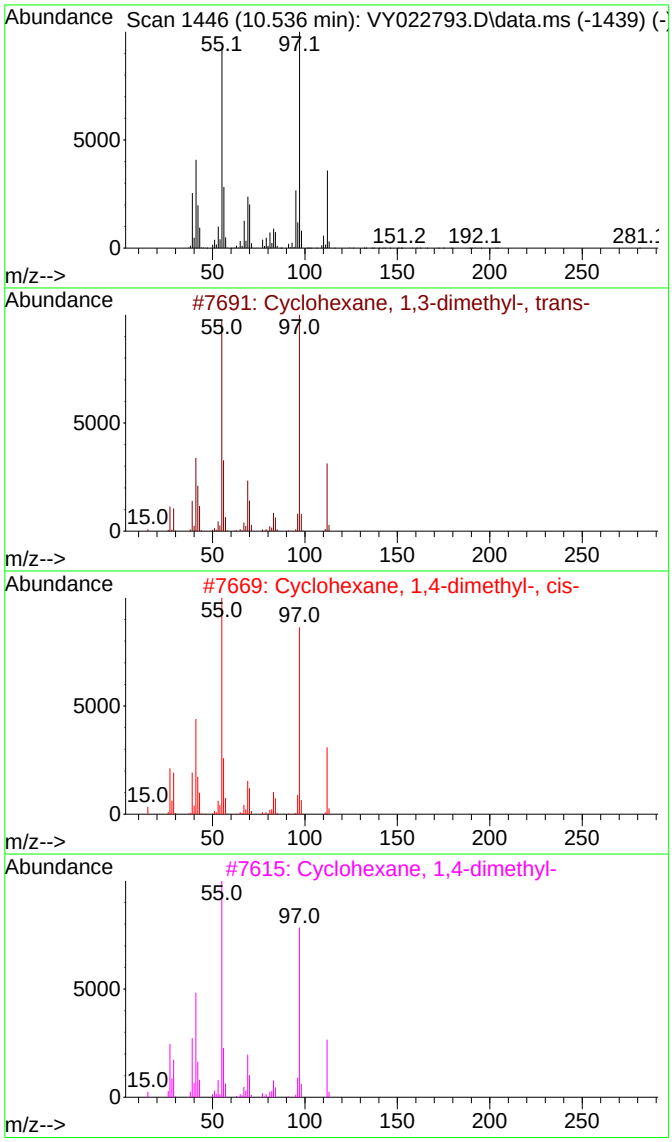
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

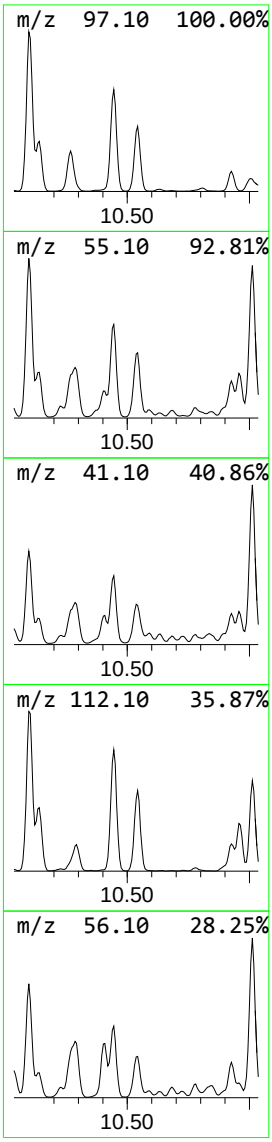
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.536	106.32 ug/l	4178060	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	81





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Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

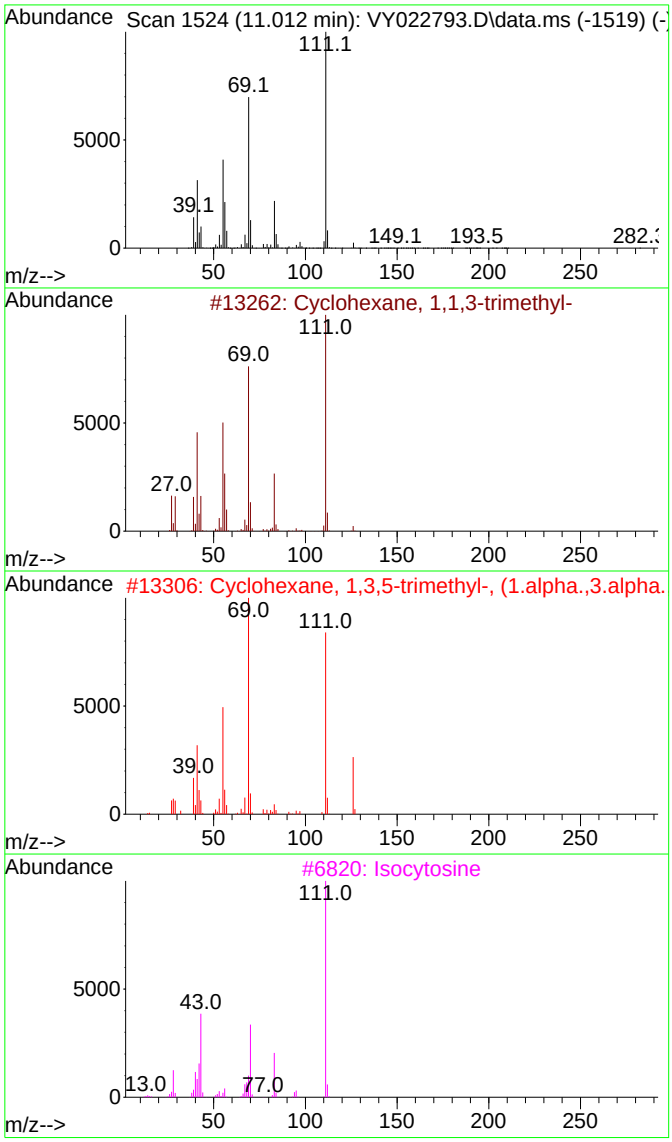
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

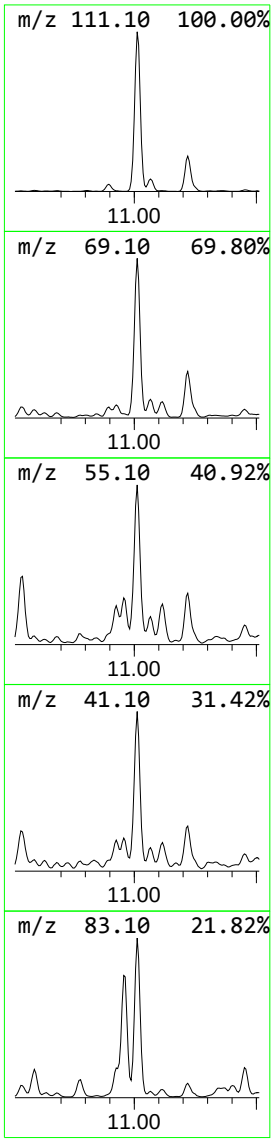
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.012	318.37 ug/l	12511400	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Isocytosine	111	C4H5N3O	000108-53-2	58
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

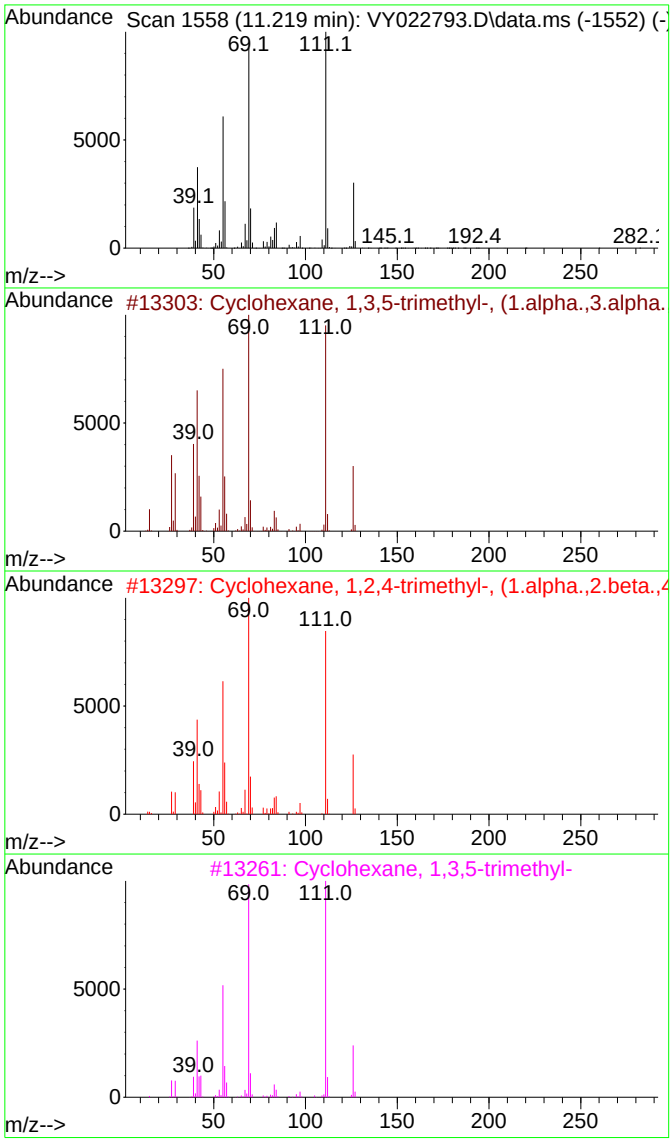
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

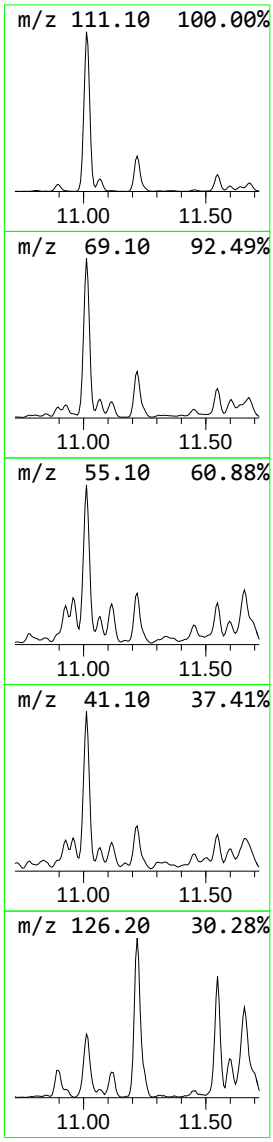
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,3,5-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.219	109.60 ug/l	4306930	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
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Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

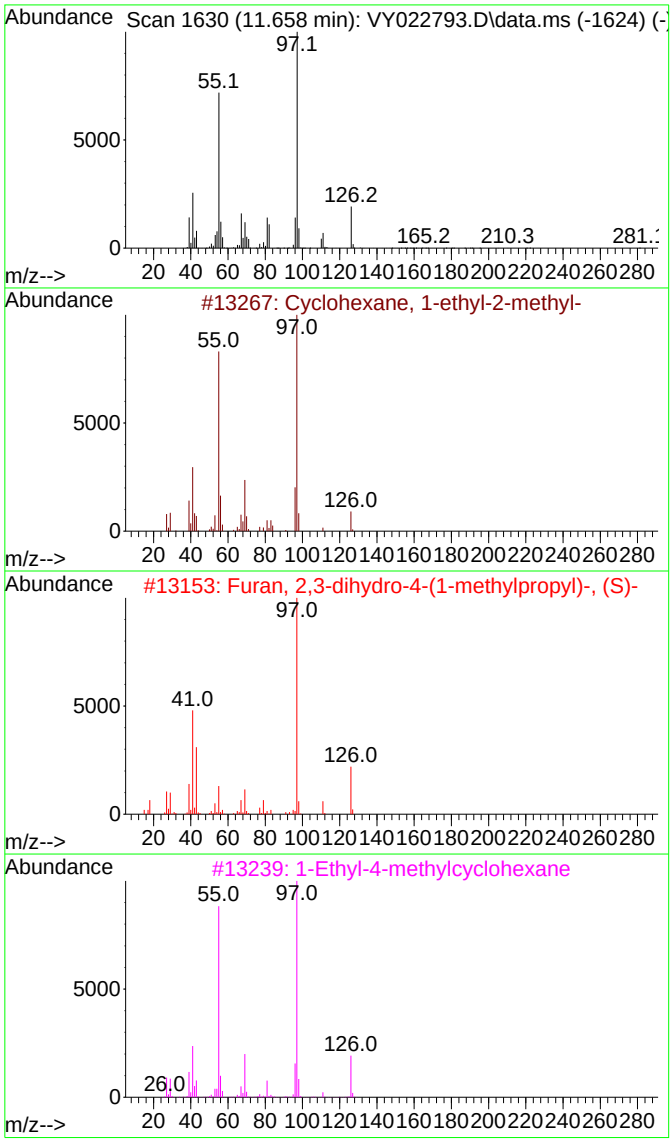
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

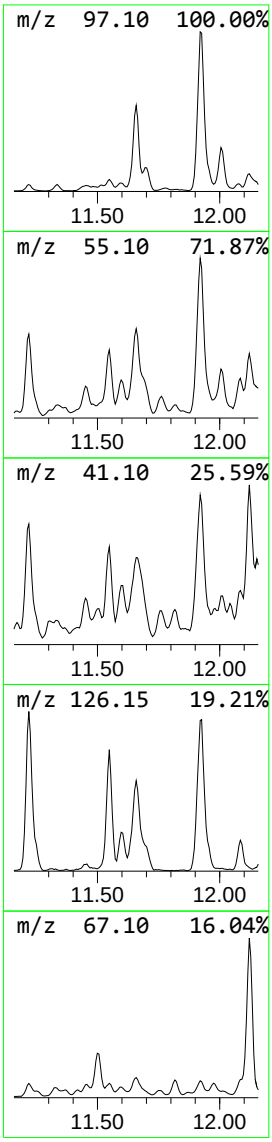
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.658	122.40 ug/l	4810040	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

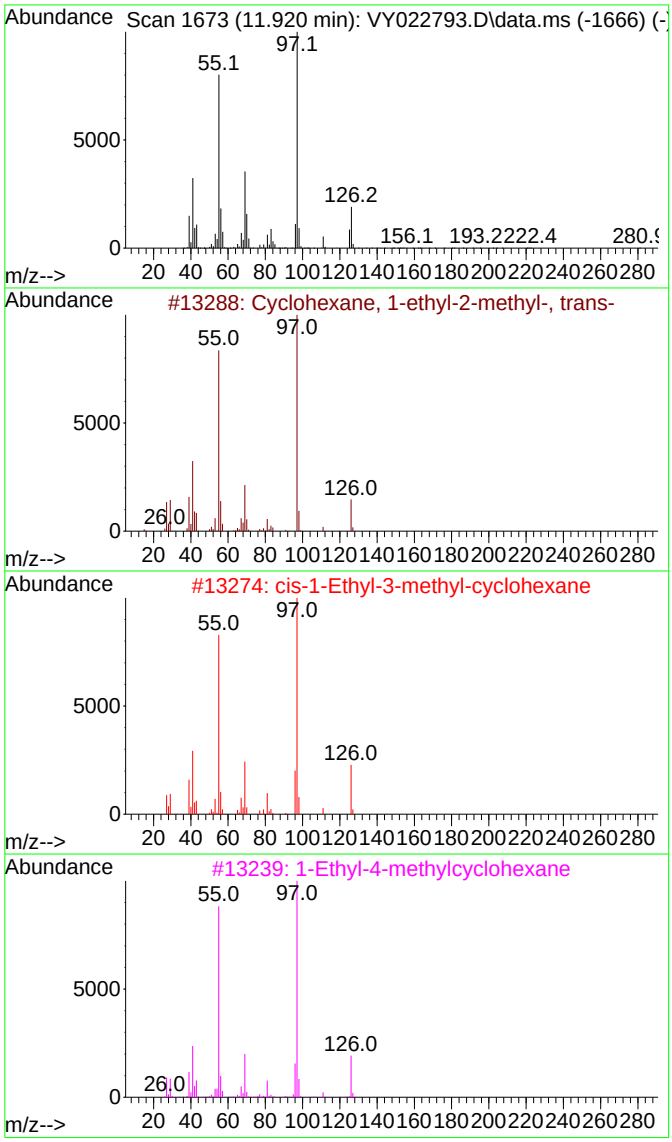
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

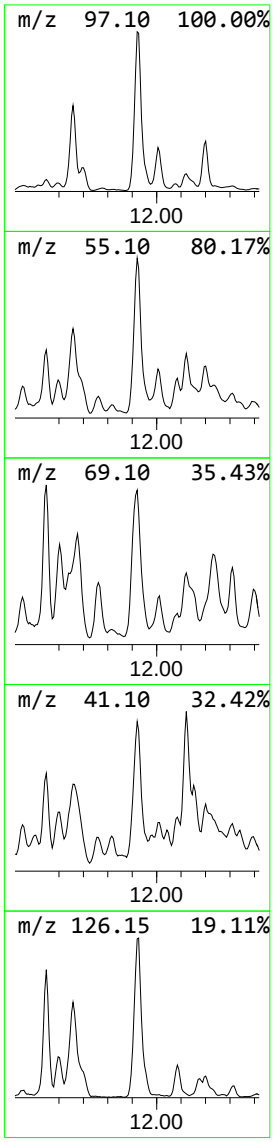
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	143.76 ug/l	5649650	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

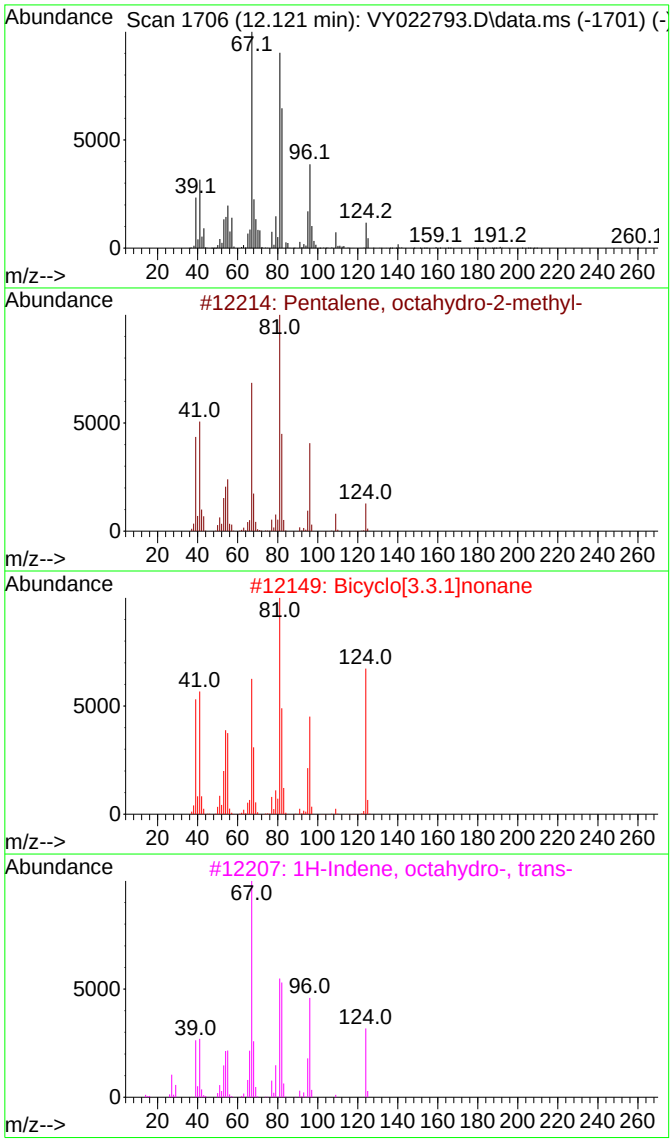
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

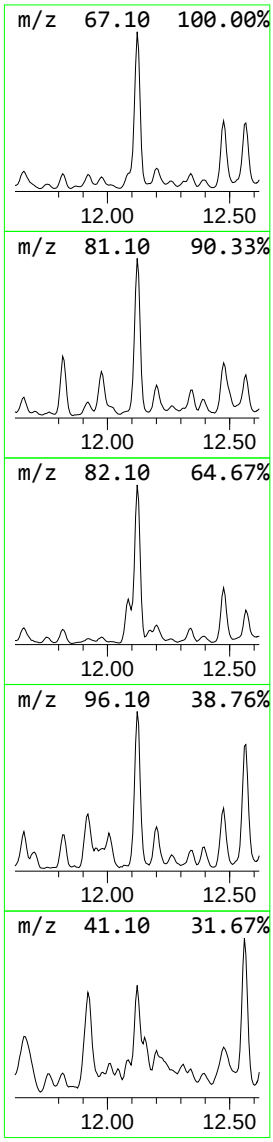
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentalene, octahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	155.54 ug/l	6112460	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62
4	Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	47
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

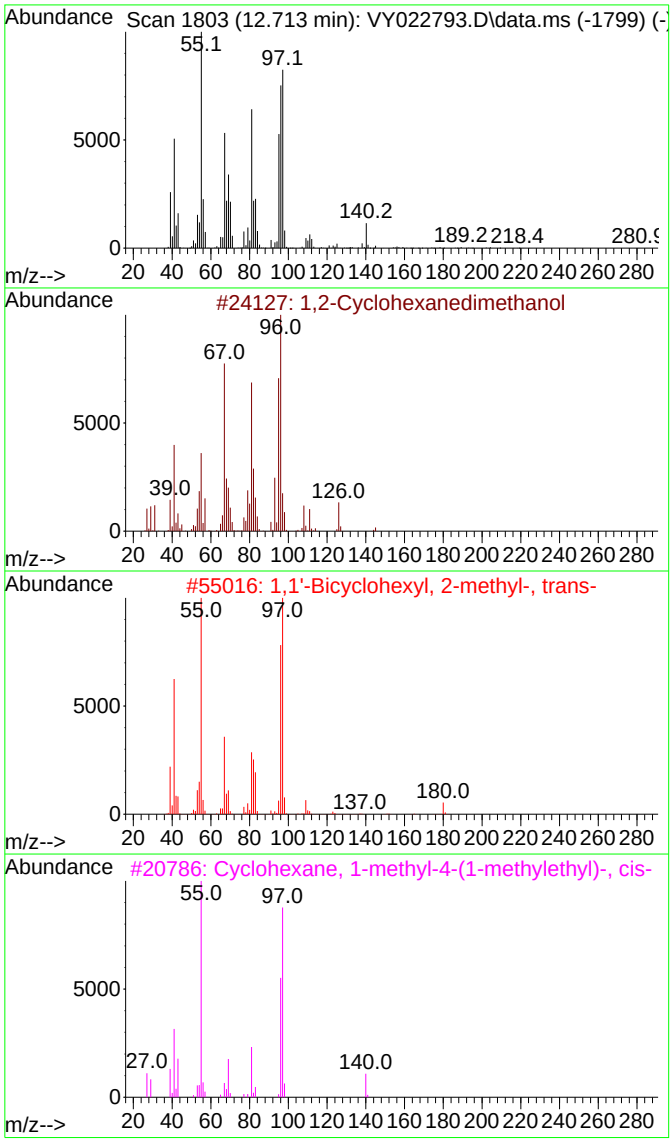
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

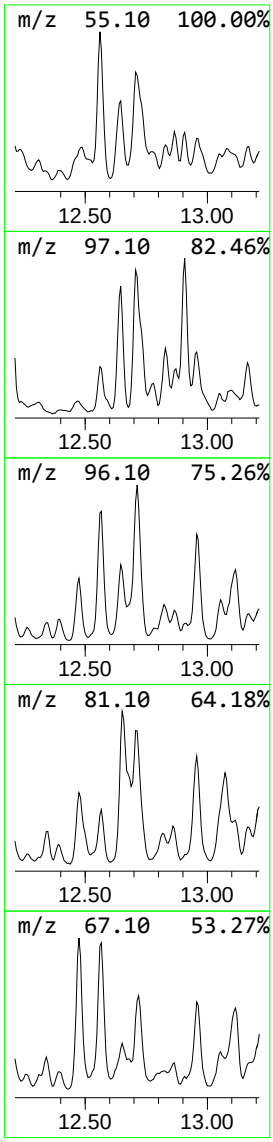
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown12.713 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	96.82 ug/l	4097750	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedimethanol	144	C8H16O2	003971-29-7	49
2	1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	47
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	35
5	3-Dimethylaminoacrylonitrile	96	C5H8N2	002407-68-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

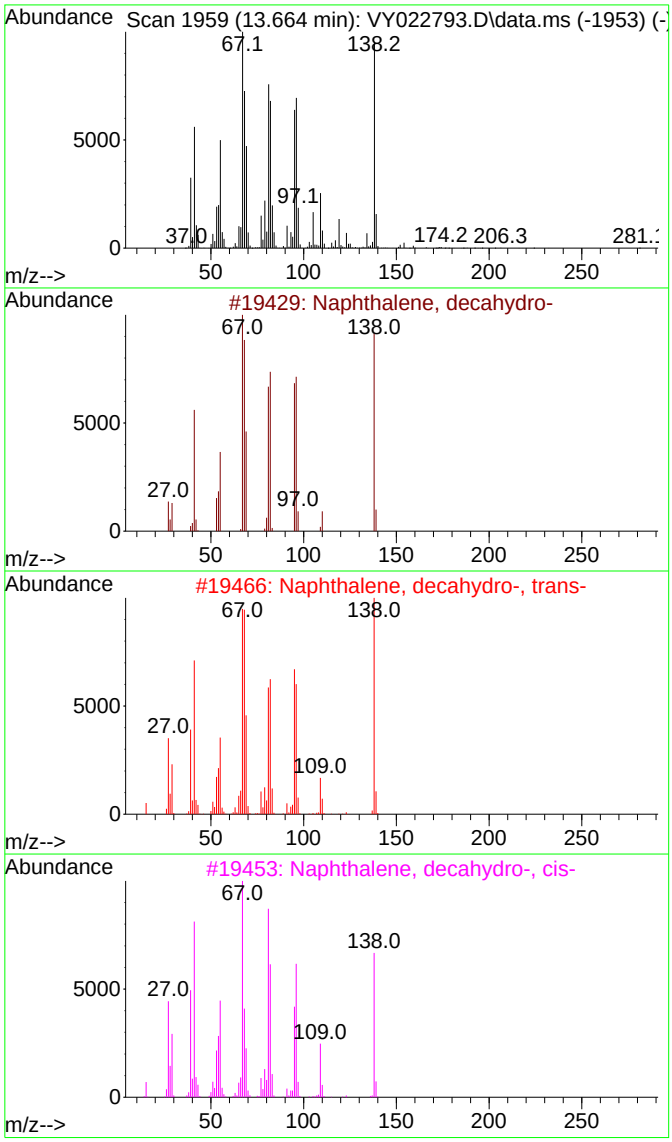
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

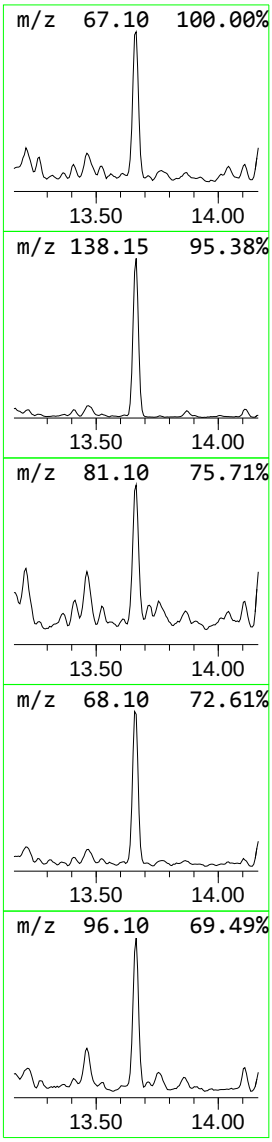
****

Peak Number 14 Naphthalene, decahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	137.94 ug/l	5838280	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4	Spiro[4.5]decane	138	C10H18	000176-63-6	87
5	Cyclodecene	138	C10H18	003618-12-0	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

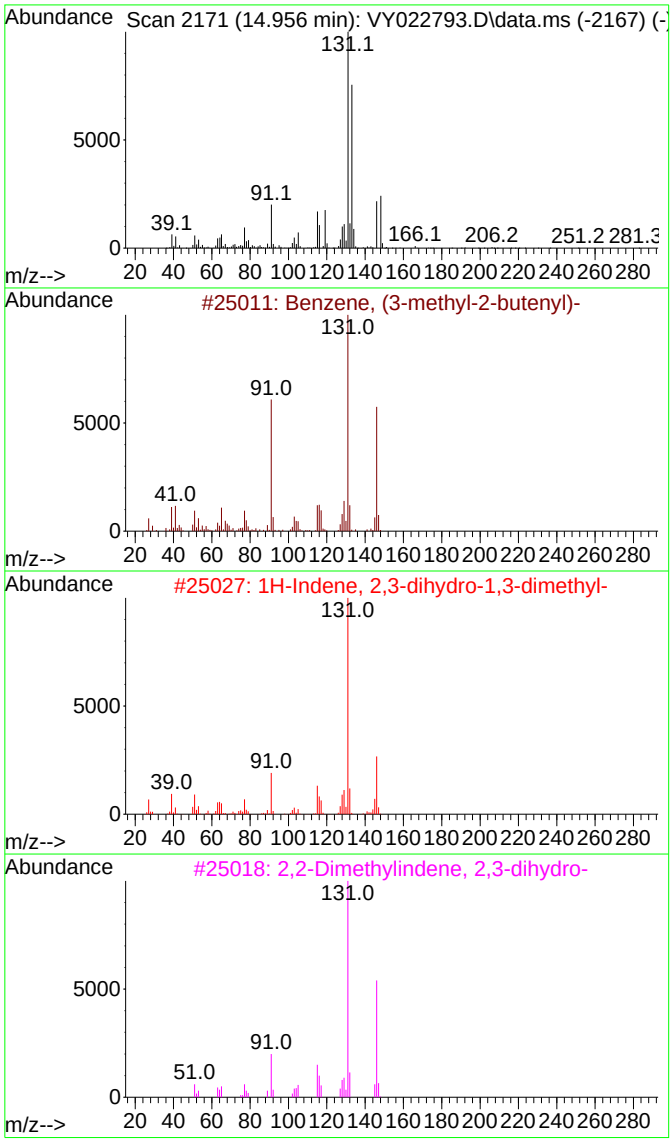
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

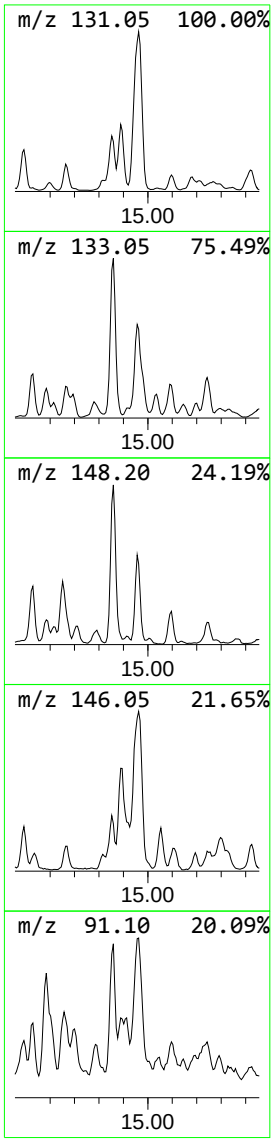
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (3-methyl-2-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	88.25 ug/l	3735210	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,2,3,3...	8.250	100.0	ug/l	3178860	2	8.610	1589770	50.0
Cyclopentane, 1...	8.335	97.5	ug/l	3101600	2	8.610	1589770	50.0
Cyclopentane, 1...	9.384	115.4	ug/l	3668930	2	8.610	1589770	50.0
Cyclopentane, 1...	9.530	218.8	ug/l	6957790	2	8.610	1589770	50.0
Cyclopentane, 1...	10.286	124.5	ug/l	4892240	3	11.414	1964900	50.0
Cyclohexane, 1,...	10.445	126.2	ug/l	4957880	3	11.414	1964900	50.0
Cyclohexane, 1,...	10.536	106.3	ug/l	4178060	3	11.414	1964900	50.0
Cyclohexane, 1,...	11.012	318.4	ug/l	12511400	3	11.414	1964900	50.0
Cyclohexane, 1,...	11.219	109.6	ug/l	4306930	3	11.414	1964900	50.0
Cyclohexane, 1-...	11.658	122.4	ug/l	4810040	3	11.414	1964900	50.0
Cyclohexane, 1-...	11.920	143.8	ug/l	5649650	3	11.414	1964900	50.0
Pentalene, octa...	12.121	155.5	ug/l	6112460	3	11.414	1964900	50.0
unknown12.713	12.713	96.8	ug/l	4097750	4	13.341	2116250	50.0
Naphthalene, de...	13.664	137.9	ug/l	5838280	4	13.341	2116250	50.0
Benzene, (3-met...	14.956	88.3	ug/l	3735210	4	13.341	2116250	50.0

Raw Data: **VN087140.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1ME	SDG No.:	Q2363
Lab Sample ID:	Q2363-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	4.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087140.D	1		06/20/25 15:29	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	79.6	UD	79.6	350	ug/Kg
74-87-3	Chloromethane	79.6	UD	79.6	350	ug/Kg
75-01-4	Vinyl Chloride	55.1	UD	55.1	350	ug/Kg
74-83-9	Bromomethane	74.7	UD	74.7	350	ug/Kg
75-00-3	Chloroethane	87.9	UD	87.9	350	ug/Kg
75-69-4	Trichlorofluoromethane	84.4	UD	84.4	350	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	74.0	UD	74.0	350	ug/Kg
75-35-4	1,1-Dichloroethene	69.8	UD	69.8	350	ug/Kg
67-64-1	Acetone	330	UD	330	1700	ug/Kg
75-15-0	Carbon Disulfide	74.0	UD	74.0	350	ug/Kg
1634-04-4	Methyl tert-butyl Ether	50.9	UD	50.9	350	ug/Kg
79-20-9	Methyl Acetate	110	UD	110	350	ug/Kg
75-09-2	Methylene Chloride	250	UD	250	700	ug/Kg
156-60-5	trans-1,2-Dichloroethene	60.0	UD	60.0	350	ug/Kg
75-34-3	1,1-Dichloroethane	55.8	UD	55.8	350	ug/Kg
110-82-7	Cyclohexane	880	D	55.1	350	ug/Kg
78-93-3	2-Butanone	460	UD	460	1700	ug/Kg
56-23-5	Carbon Tetrachloride	67.7	UD	67.7	350	ug/Kg
156-59-2	cis-1,2-Dichloroethene	52.3	UD	52.3	350	ug/Kg
74-97-5	Bromochloromethane	80.3	UD	80.3	350	ug/Kg
67-66-3	Chloroform	58.6	UD	58.6	350	ug/Kg
71-55-6	1,1,1-Trichloroethane	64.9	UD	64.9	350	ug/Kg
108-87-2	Methylcyclohexane	3100	D	63.5	350	ug/Kg
71-43-2	Benzene	55.1	UD	55.1	350	ug/Kg
107-06-2	1,2-Dichloroethane	55.1	UD	55.1	350	ug/Kg
79-01-6	Trichloroethene	56.5	UD	56.5	350	ug/Kg
78-87-5	1,2-Dichloropropane	63.5	UD	63.5	350	ug/Kg
75-27-4	Bromodichloromethane	54.4	UD	54.4	350	ug/Kg
108-10-1	4-Methyl-2-Pentanone	250	UD	250	1700	ug/Kg
108-88-3	Toluene	54.4	UD	54.4	350	ug/Kg

Raw Data: **VN087140.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1ME	SDG No.:	Q2363
Lab Sample ID:	Q2363-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	4.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087140.D	1		06/20/25 15:29	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	45.4	UD	45.4	350	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	43.3	UD	43.3	350	ug/Kg
79-00-5	1,1,2-Trichloroethane	64.2	UD	64.2	350	ug/Kg
591-78-6	2-Hexanone	260	UD	260	1700	ug/Kg
124-48-1	Dibromochloromethane	60.7	UD	60.7	350	ug/Kg
106-93-4	1,2-Dibromoethane	61.4	UD	61.4	350	ug/Kg
127-18-4	Tetrachloroethene	73.3	UD	73.3	350	ug/Kg
108-90-7	Chlorobenzene	63.5	UD	63.5	350	ug/Kg
100-41-4	Ethyl Benzene	46.8	UD	46.8	350	ug/Kg
179601-23-1	m/p-Xylenes	86.5	UD	86.5	700	ug/Kg
95-47-6	o-Xylene	57.2	UD	57.2	350	ug/Kg
100-42-5	Styrene	49.5	UD	49.5	350	ug/Kg
75-25-2	Bromoform	60.0	UD	60.0	350	ug/Kg
98-82-8	Isopropylbenzene	54.4	UD	54.4	350	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	84.4	UD	84.4	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	UD	120	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	UD	110	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	UD	100	350	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	130	UD	130	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	210	UD	210	350	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	220	UD	220	350	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.0		70 (63) - 130 (155)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	62.2		70 (70) - 130 (134)	124%	SPK: 50
2037-26-5	Toluene-d8	70.4	*	70 (74) - 130 (123)	141%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.4		70 (17) - 130 (146)	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	161000	8.224			
540-36-3	1,4-Difluorobenzene	252000	9.1			
3114-55-4	Chlorobenzene-d5	281000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.788			

Raw Data: **VN087140.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1ME	SDG No.:	Q2363
Lab Sample ID:	Q2363-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	4.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087140.D	1		06/20/25 15:29	VN062025

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_N\Data\VN062025\
Data File : VN087140.D
Acq On : 20 Jun 2025 15:29
Operator : JC\MD
Sample : Q2363-01ME
Misc : 4.19g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Quant Time: Jun 20 23:08:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

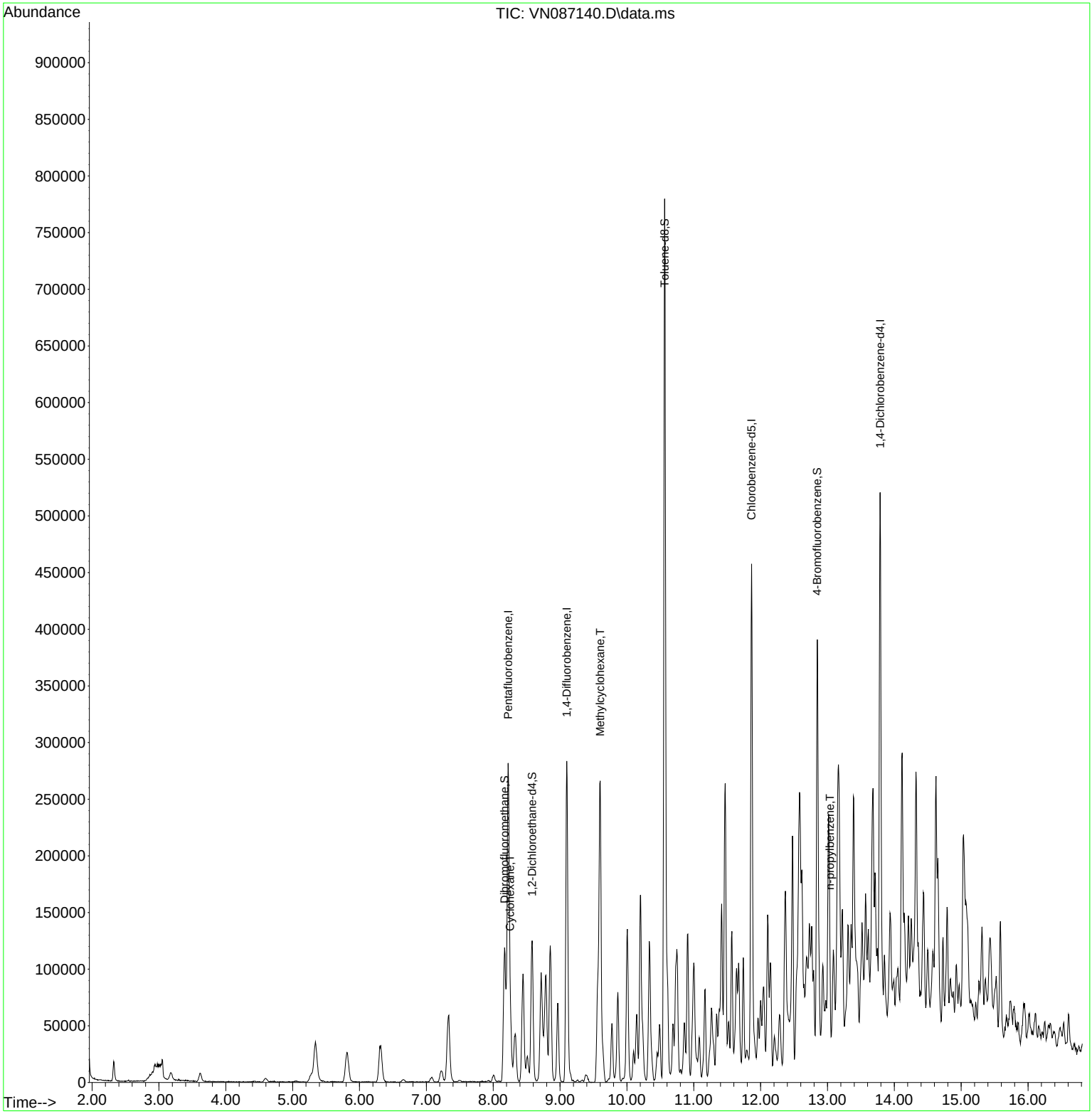
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	160799	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.100	114	252217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	107748	50.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	8.171	113	92963	62.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.400%#			
50) Toluene-d8	10.565	98	416613	70.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 140.820%#			
62) 4-Bromofluorobenzene	12.847	95	130686	59.446	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.900%			
Target Compounds						Qvalue
31) Cyclohexane	8.253	56	44014	12.605	ug/l	95
39) Methylcyclohexane	9.600	83	134967	44.231	ug/l	97
78) n-propylbenzene	13.035	91	47295	4.120	ug/l	99

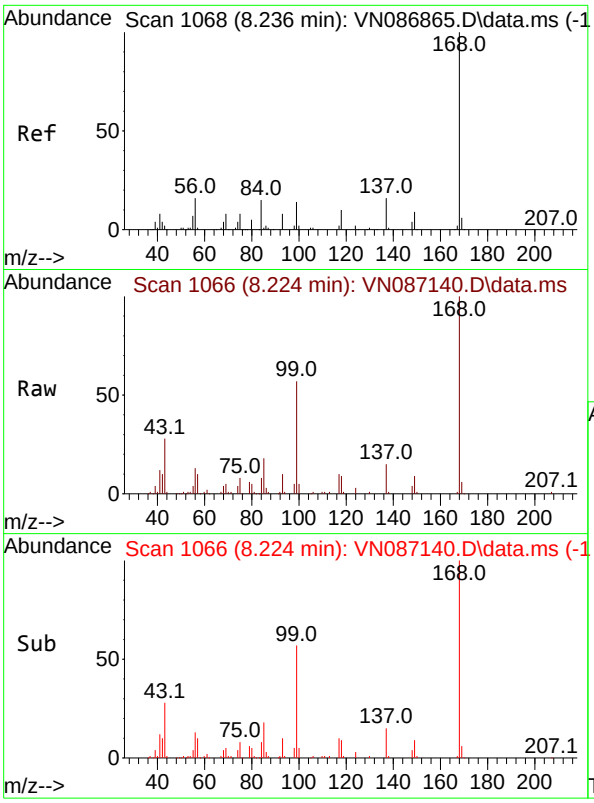
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087140.D
Acq On : 20 Jun 2025 15:29
Operator : JC\MD
Sample : Q2363-01ME
Misc : 4.19g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Quant Time: Jun 20 23:08:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



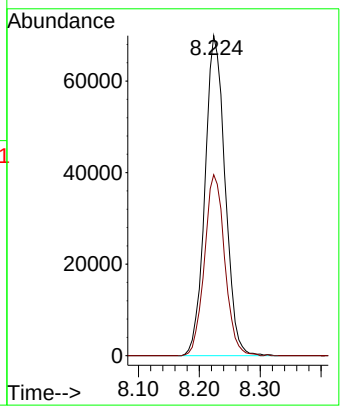


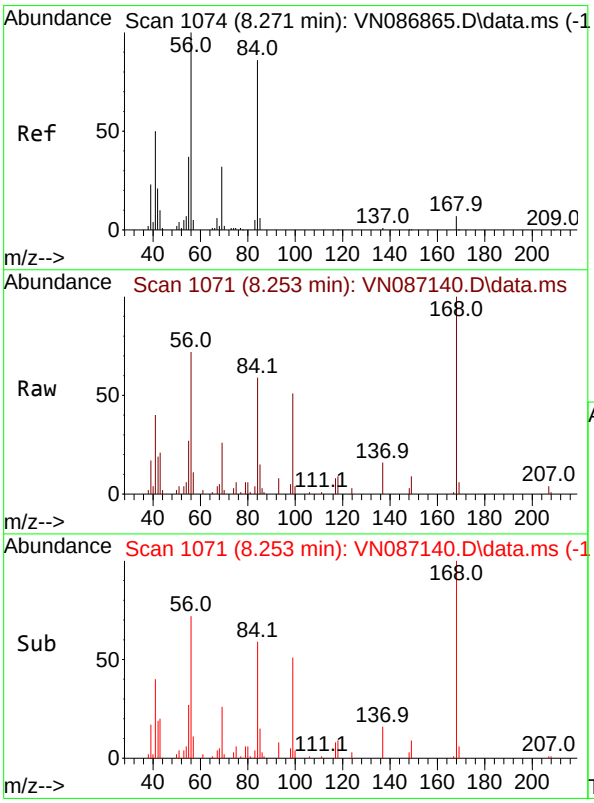
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion:168 Resp: 160799

Ion	Ratio	Lower	Upper
168	100		
99	56.5	49.1	73.7

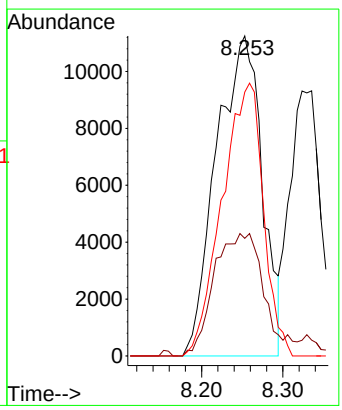


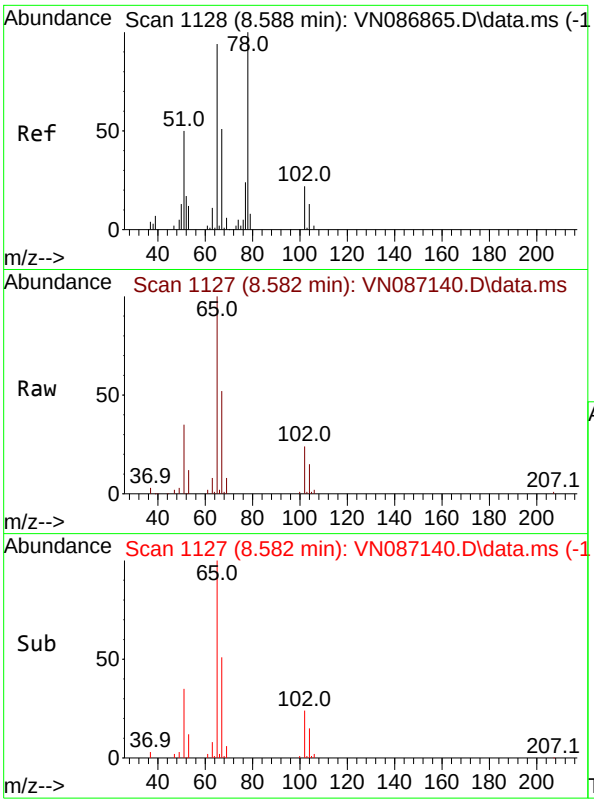


#31
Cyclohexane
Concen: 12.605 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.018 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion: 56 Resp: 44014

Ion	Ratio	Lower	Upper
56	100		
69	36.7	25.4	38.0
84	82.5	68.8	103.2



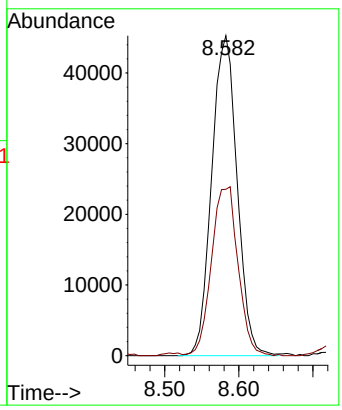


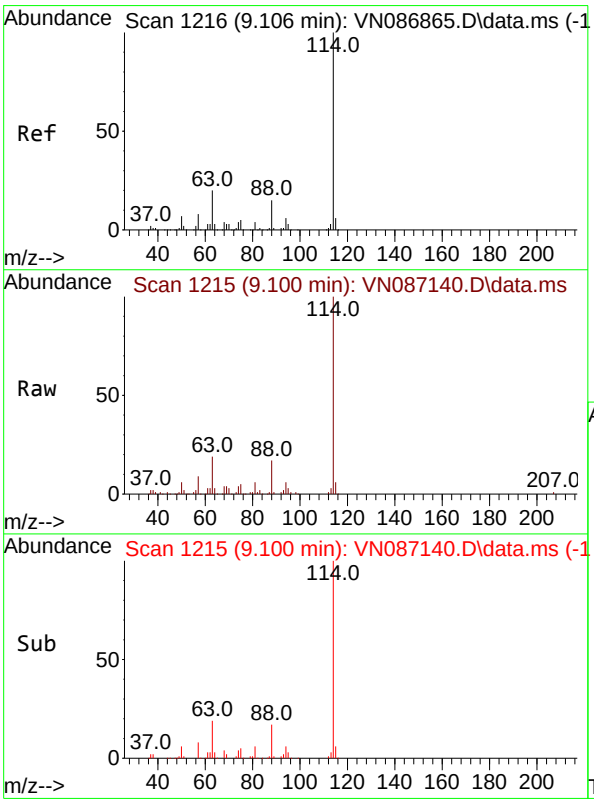
#33
1,2-Dichloroethane-d4
Concen: 50.047 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion: 65 Resp: 107748

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.6

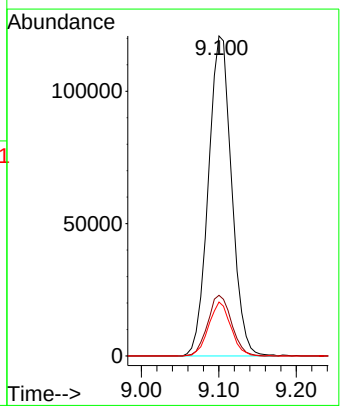


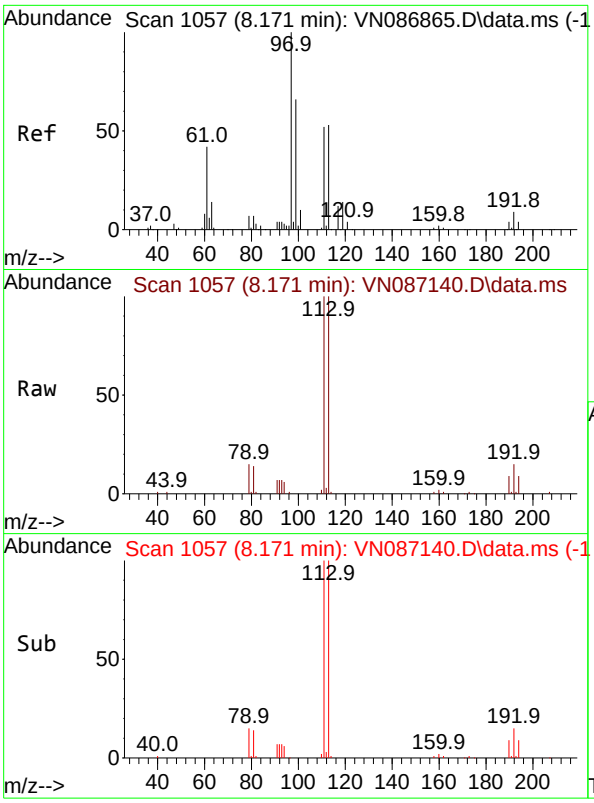


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion:114 Resp: 252217

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	16.9	0.0	30.2



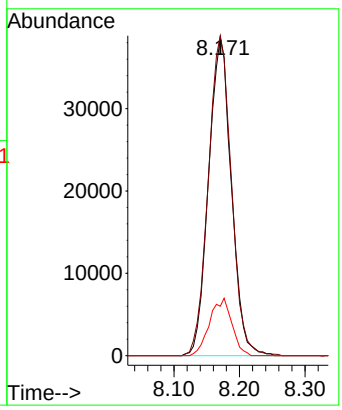


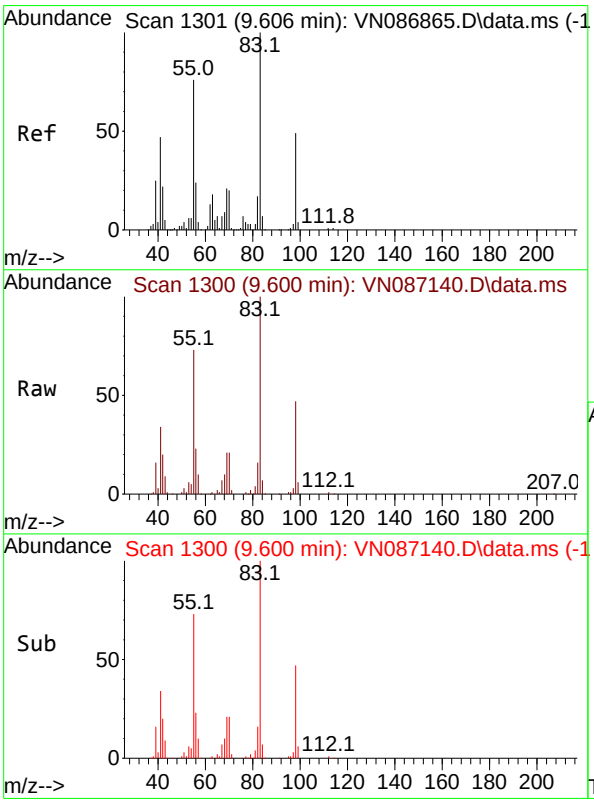
#35
Dibromofluoromethane
Concen: 62.195 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion:113 Resp: 92963

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	17.7	14.2	21.4

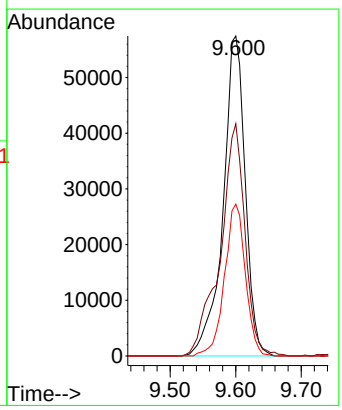


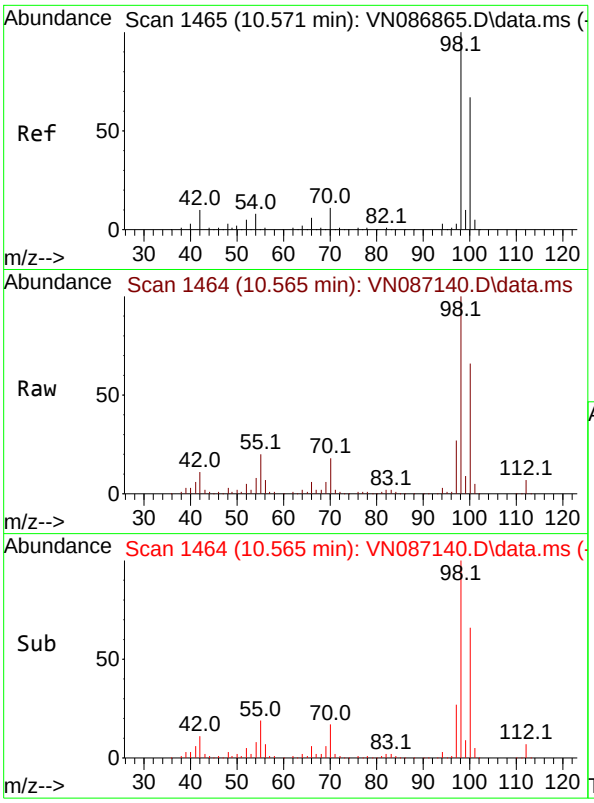


#39
Methylcyclohexane
Concen: 44.231 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion: 83 Resp: 134967

Ion	Ratio	Lower	Upper
83	100		
55	72.6	61.0	91.6
98	47.4	38.9	58.3



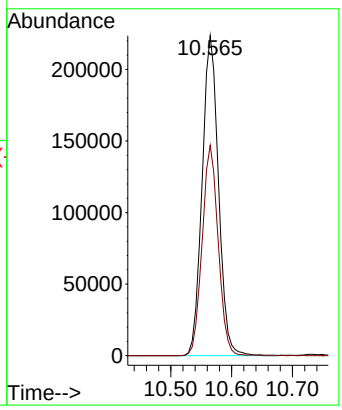


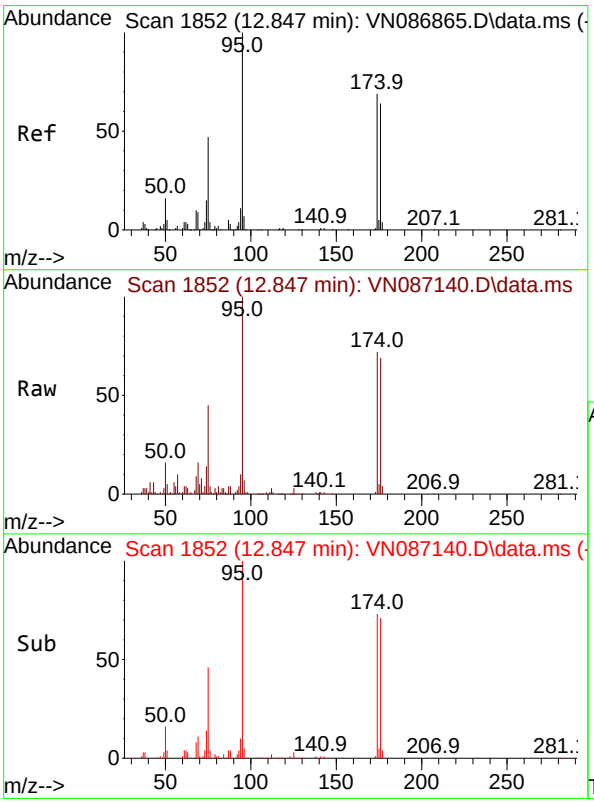
#50
Toluene-d8
Concen: 70.408 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion: 98 Resp: 416613

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.4	80.0

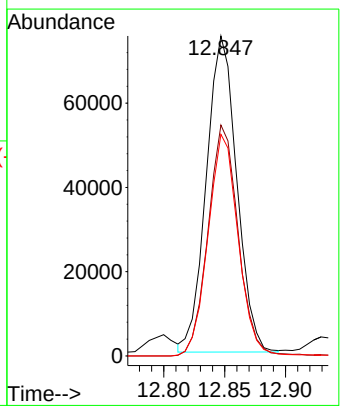


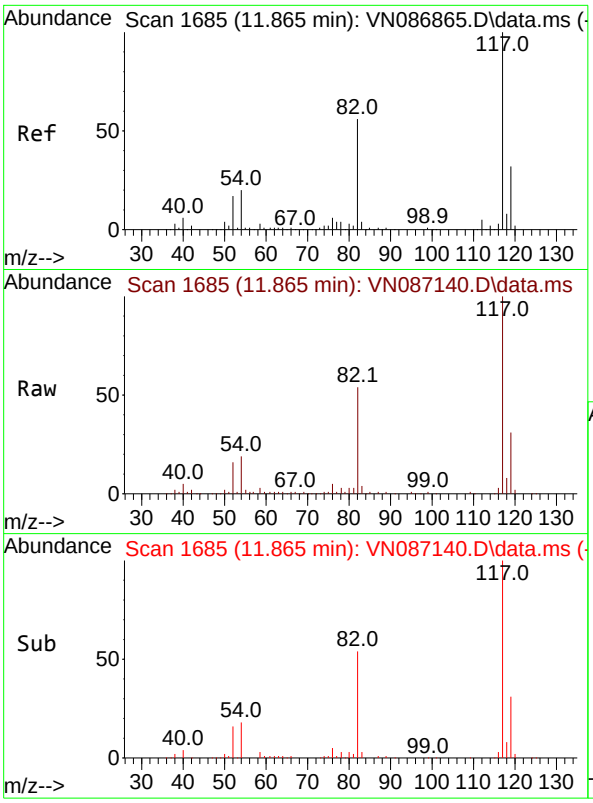


#62
4-Bromofluorobenzene
Concen: 59.446 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion: 95 Resp: 130686

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.8
176	69.6	0.0	132.6



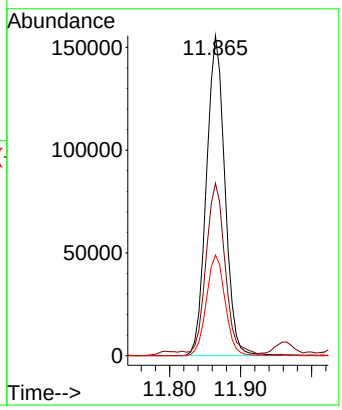


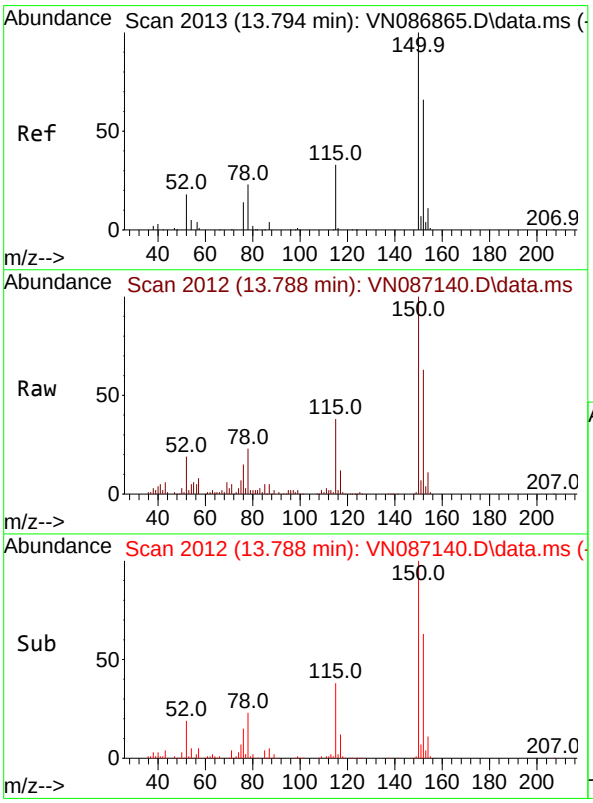
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion:117 Resp: 281251

Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.6	67.0
119	31.5	25.5	38.3

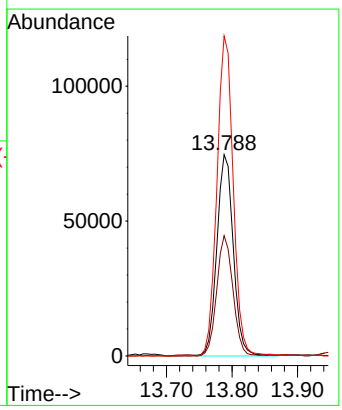


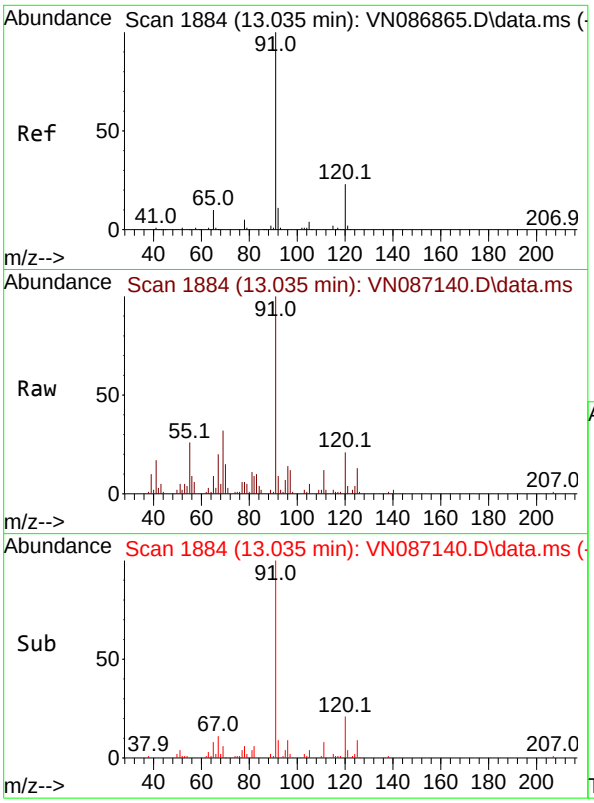


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion:152 Resp: 129659

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.1	90.5
150	157.7	0.0	345.0



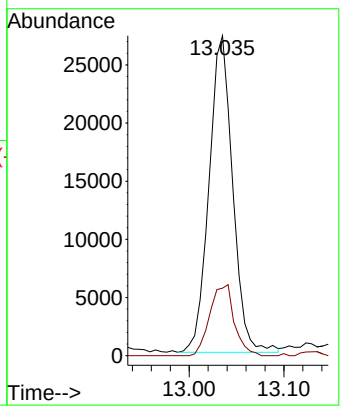


#78
n-propylbenzene
Concen: 4.120 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion: 91 Resp: 47295

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.2



Raw Data: **VX046768.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1W	SDG No.:	Q2363
Lab Sample ID:	Q2363-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046768.D	1		06/19/25 13:36	VX061925

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
75-35-4	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	1200	E	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	1000	E	0.16	1.00	ug/L
71-43-2	Benzene	1.80		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	6.70		0.14	1.00	ug/L

Raw Data: **VX046768.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1W	SDG No.:	Q2363
Lab Sample ID:	Q2363-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046768.D	1		06/19/25 13:36	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	76.5		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	2.50		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	110		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	45.6		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97900	5.562			
540-36-3	1,4-Difluorobenzene	166000	6.769			
3114-55-4	Chlorobenzene-d5	148000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	72500	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX046768.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1W	SDG No.:	Q2363
Lab Sample ID:	Q2363-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046768.D	1		06/19/25 13:36	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	170	J		1.77	ug/L
000109-66-0	Pentane	160	J		1.97	ug/L
000107-83-5	Pentane, 2-methyl-	110	J		2.84	ug/L
000096-14-0	Pentane, 3-methyl-	130	J		3.12	ug/L
000110-54-3	n-Hexane	130	J		3.46	ug/L
000096-37-7	Cyclopentane, methyl-	580	J		4.32	ug/L
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	130	J		6.37	ug/L
000591-49-1	Cyclohexene, 1-methyl-	200	J		8.51	ug/L
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	160	J		8.98	ug/L
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	130	J		9.62	ug/L
	unknown10.780	120	J		10.8	ug/L
103-65-1	n-propylbenzene	190	J		11.3	ug/L
135-98-8	sec-Butylbenzene	23.9	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	20.8	J		12.0	ug/L
000496-11-7	Indane	220	J		12.2	ug/L
104-51-8	n-Butylbenzene	23.9	J		12.3	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	110	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	120	J		12.7	ug/L
000934-10-1	3-Phenylbut-1-ene	180	J		13.3	ug/L

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

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

Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 05:20:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	97884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61764	45.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.240%			
35) Dibromofluoromethane	5.397	113	56188	51.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	8.653	98	201338	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	76110	51.631	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.260%			
Target Compounds						Qvalue
31) Cyclohexane	5.489	56	2515018	1240.553	ug/l	99
39) Methylcyclohexane	7.391	83	2150867	1028.684	ug/l	96
40) Benzene	6.050	78	8572	1.823	ug/l	95
52) Toluene	8.720	92	19465	6.677	ug/l	95
67) Ethyl Benzene	10.195	91	436377	76.465	ug/l	99
69) o-Xylene	10.640	106	4902	2.460	ug/l	97
73) Isopropylbenzene	10.963	105	567581	106.299	ug/l	100
78) n-propylbenzene	11.305	91	1221331	192.578	ug/l	99
85) sec-Butylbenzene	11.890	105	137153	23.927	ug/l	95
86) p-Isopropyltoluene	12.006	119	100644m	20.810	ug/l	
89) n-Butylbenzene	12.329	91	109942m	23.942	ug/l	
95) Naphthalene	13.774	128	8636	1.821	ug/l #	68

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

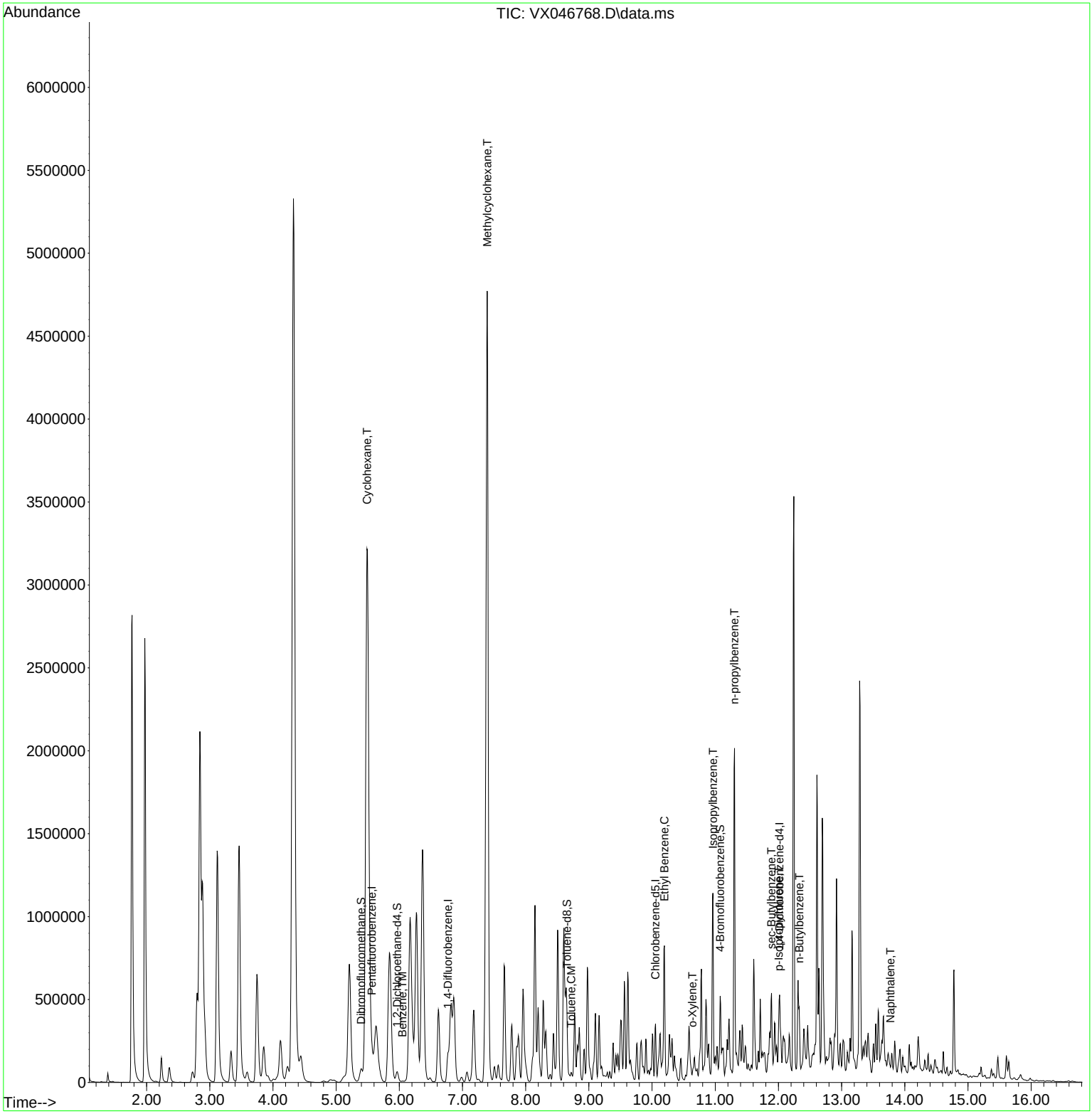
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

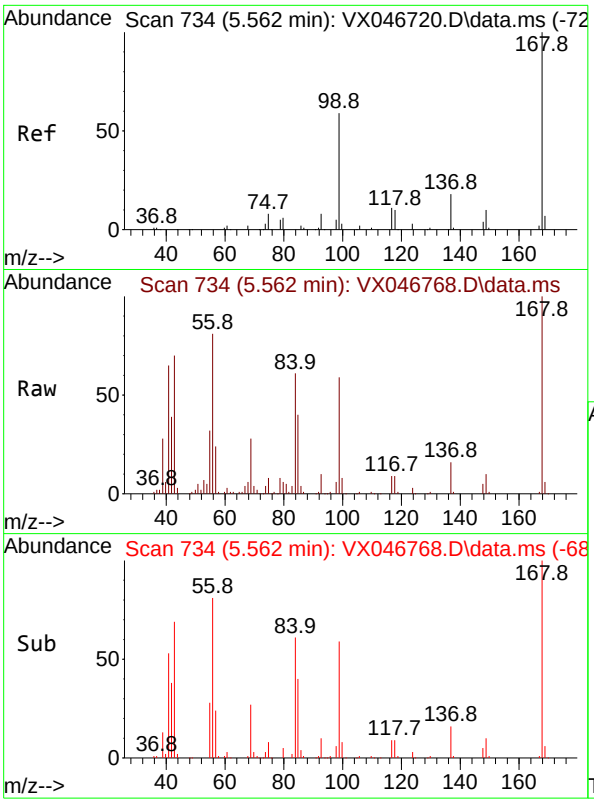
Quant Time: Jun 20 05:20:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

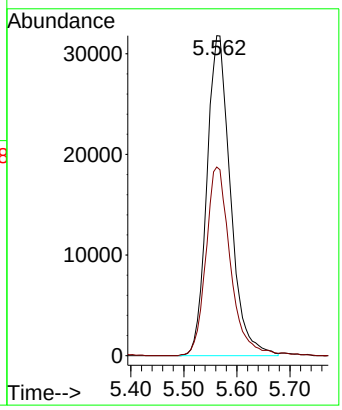




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:168 Resp: 9788

Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
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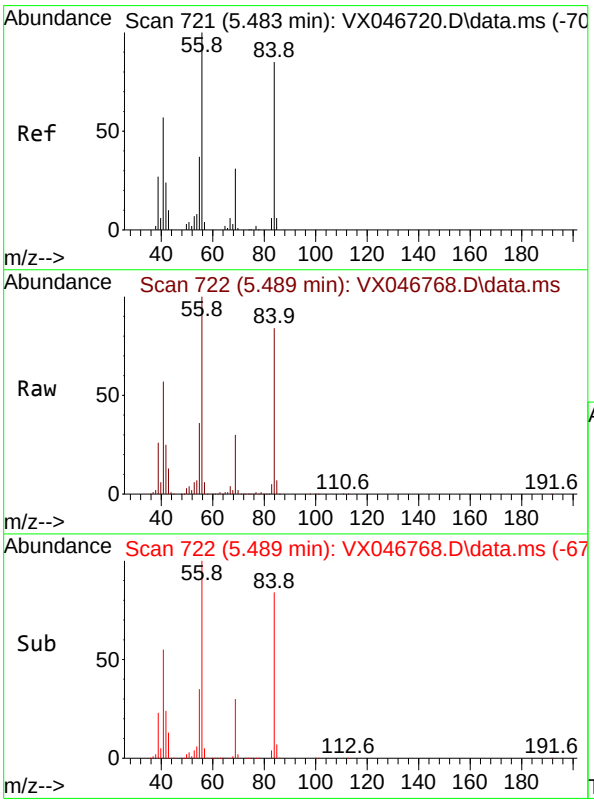
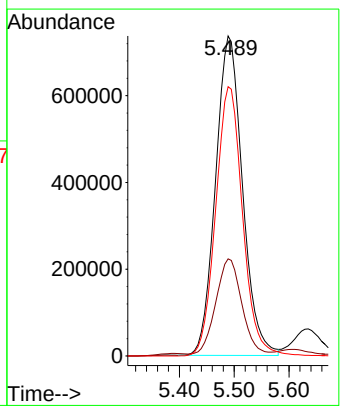
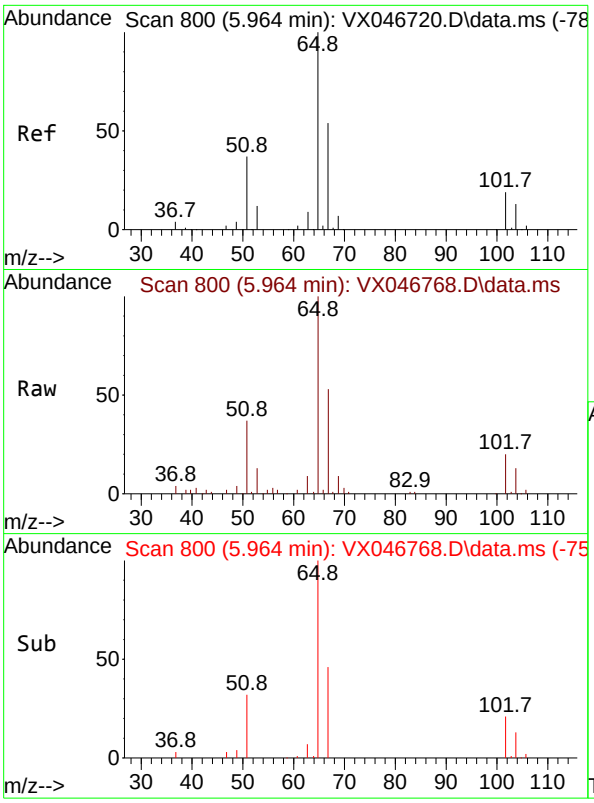


#31
Cyclohexane
Concen: 1240.553 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 56 Resp: 2515018

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.8	37.2
84	84.3	68.2	102.2

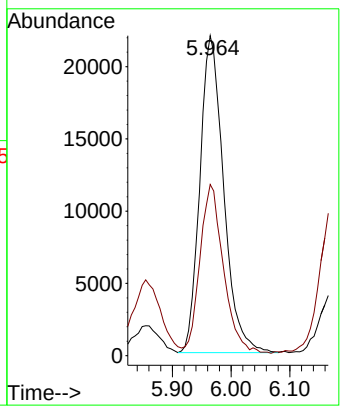




#33
1,2-Dichloroethane-d4
Concen: 45.619 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 65 Resp: 6176

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
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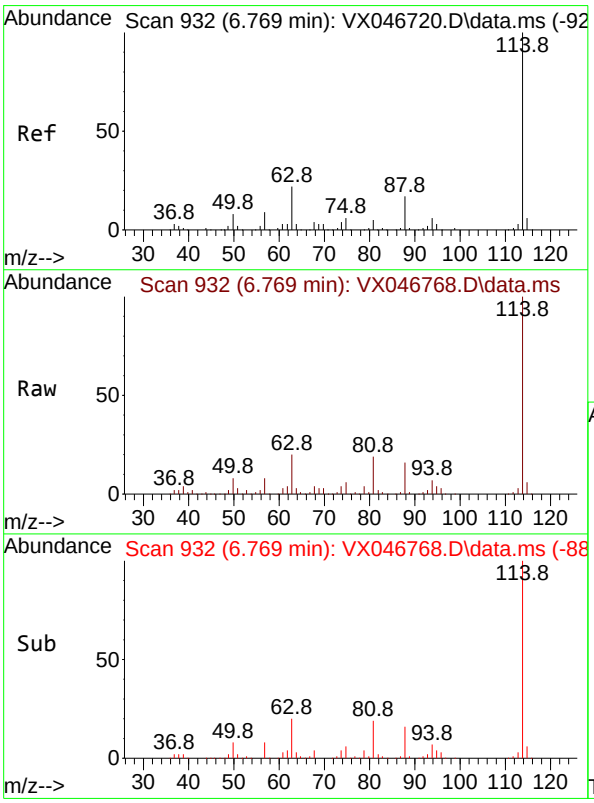
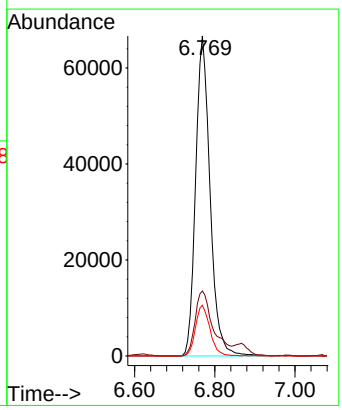
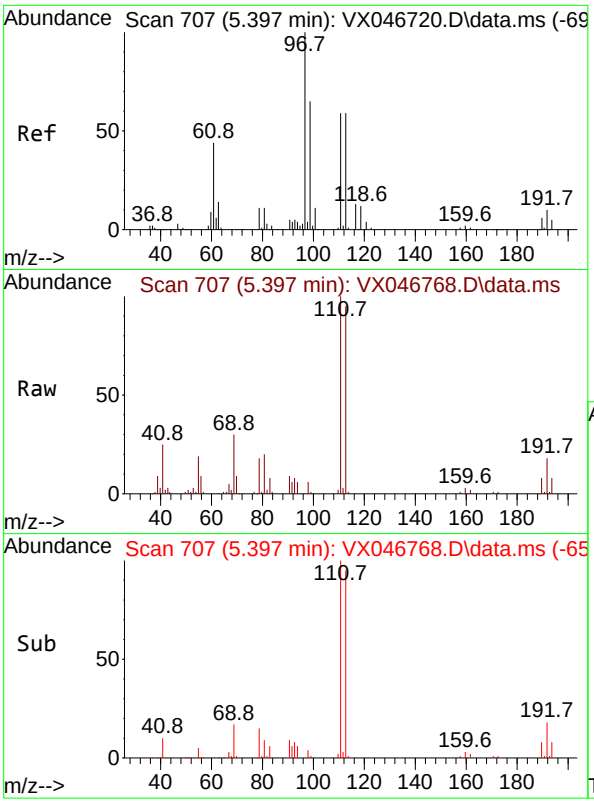


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:114 Resp: 166362

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.2
88	15.9	0.0	33.2

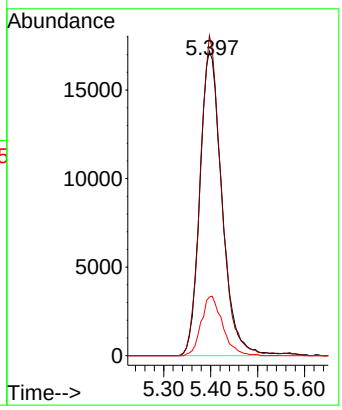




#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:113 Resp: 5618

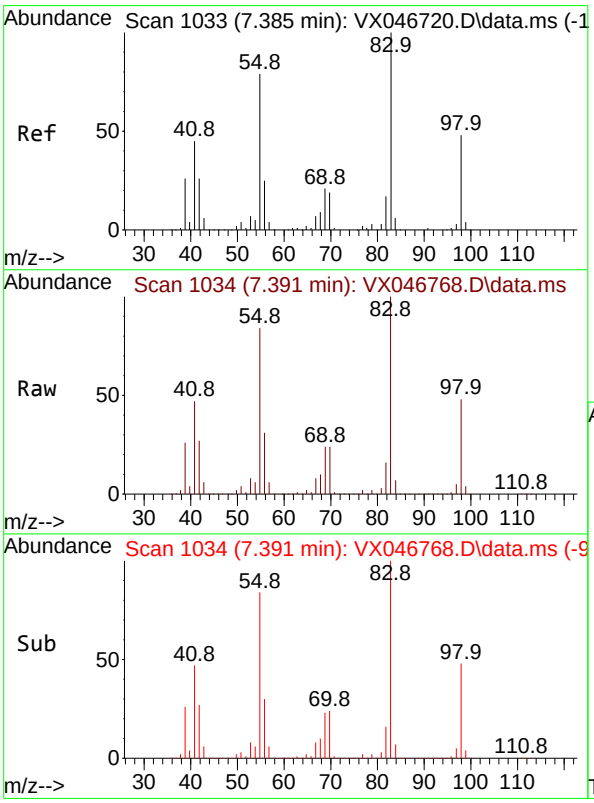
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.0	123.0
192	18.9	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

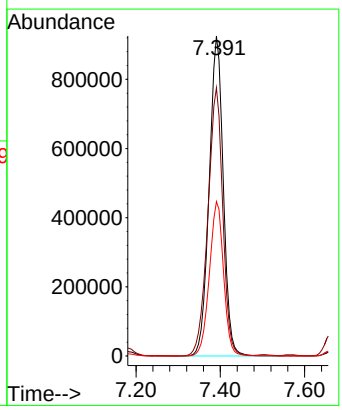
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

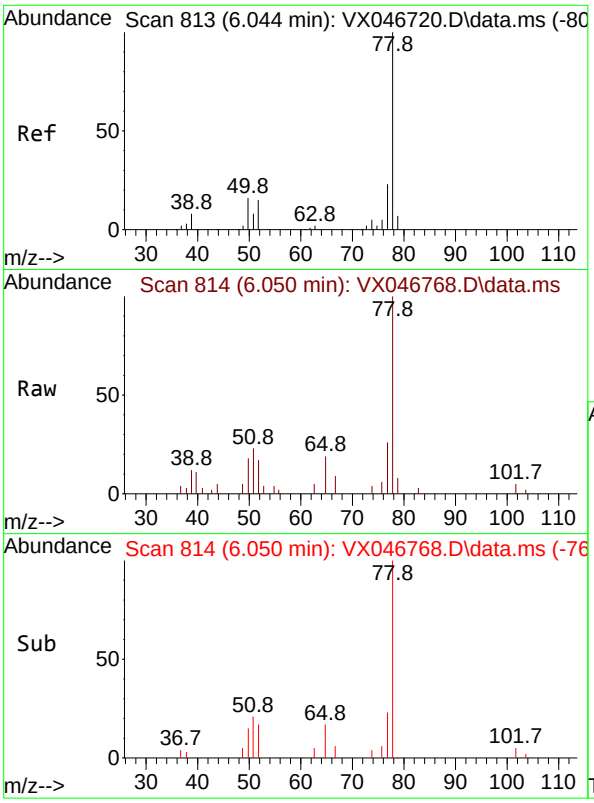


#39
Methylcyclohexane
Concen: 1028.684 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 83 Resp: 2150867

Ion	Ratio	Lower	Upper
83	100		
55	83.8	63.0	94.4
98	48.3	38.8	58.2





#40
Benzene
Concen: 1.823 ug/l
RT: 6.050 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 78 Resp: 857

Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.8	28.2

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
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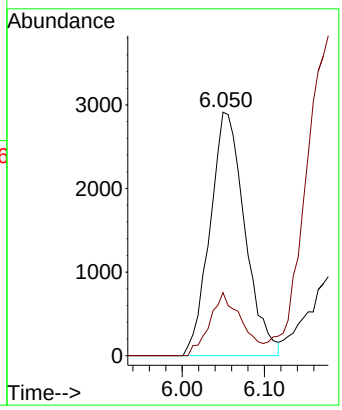
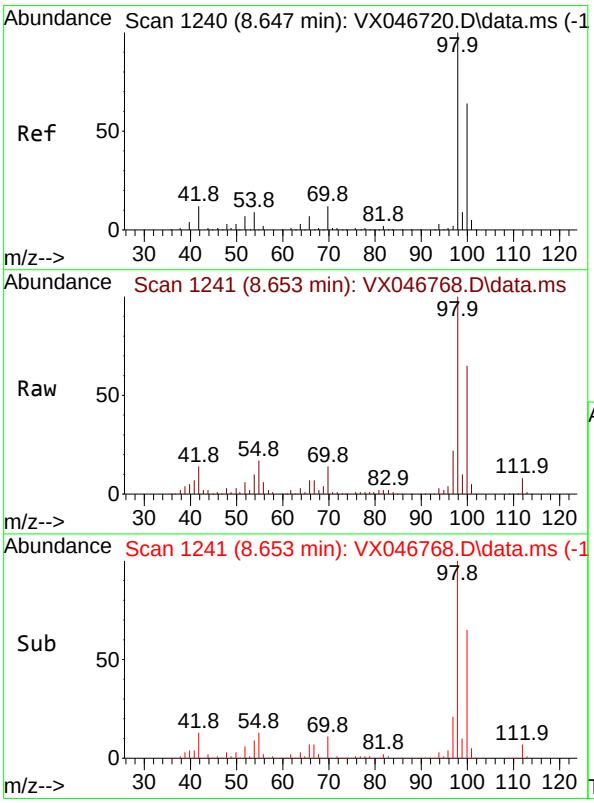
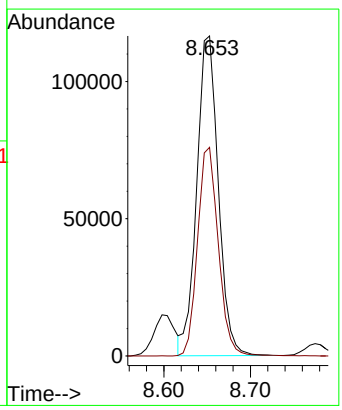


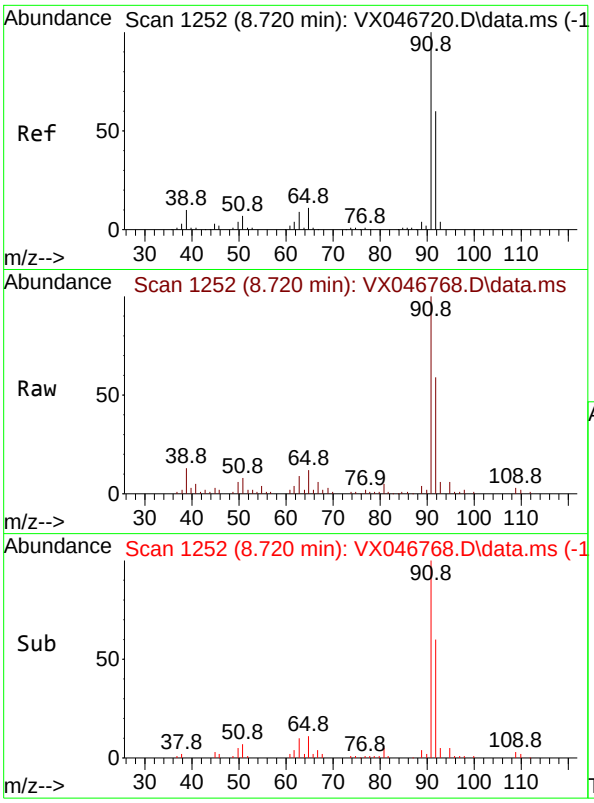


#50
Toluene-d8
Concen: 50.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 98 Resp: 201338

Ion	Ratio	Lower	Upper
98	100		
100	63.0	53.0	79.4





#52
Toluene
Concen: 6.677 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 92 Resp: 1946

Ion	Ratio	Lower	Upper
92	100		
91	175.3	134.8	202.2

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

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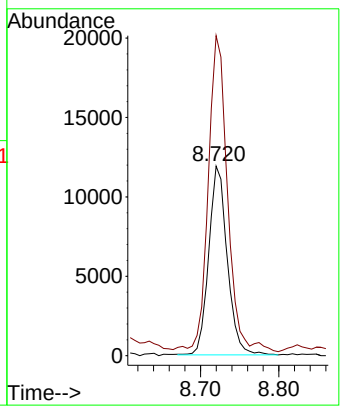
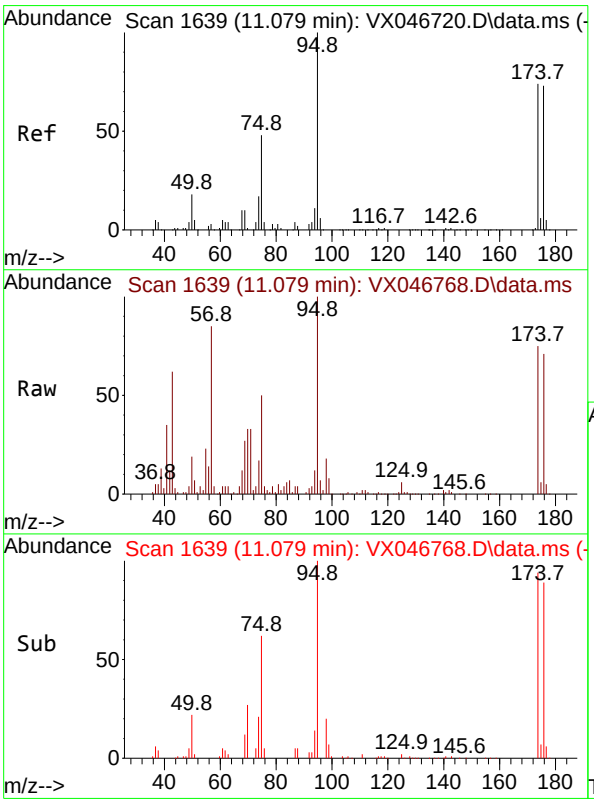
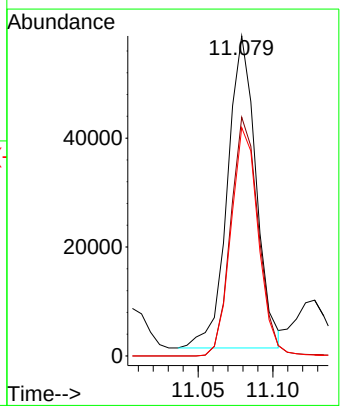


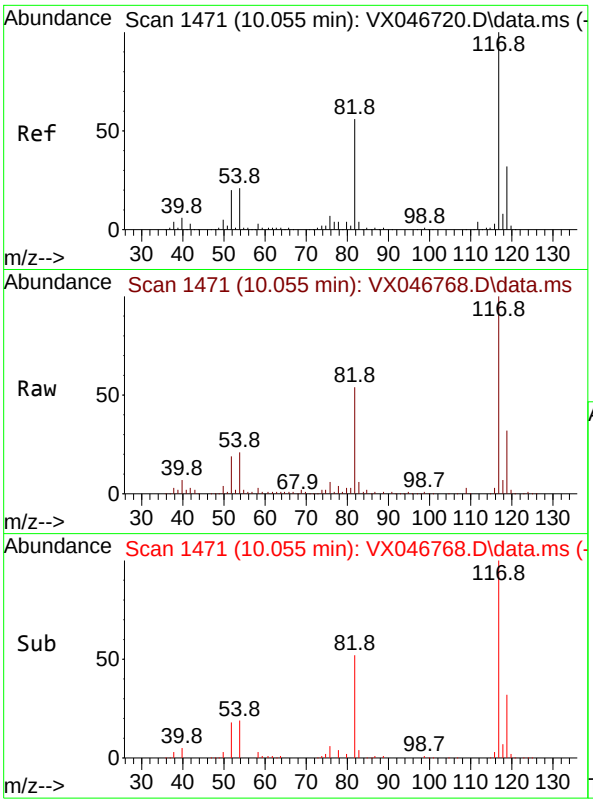


#62
4-Bromofluorobenzene
Concen: 51.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 95 Resp: 76110

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	70.8	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

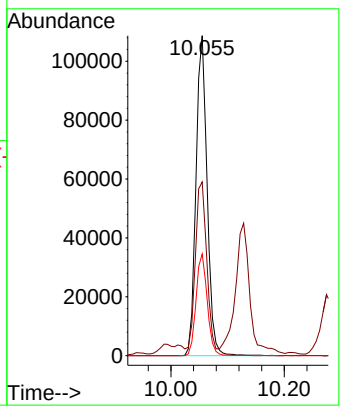
Tgt Ion:117 Resp: 14796

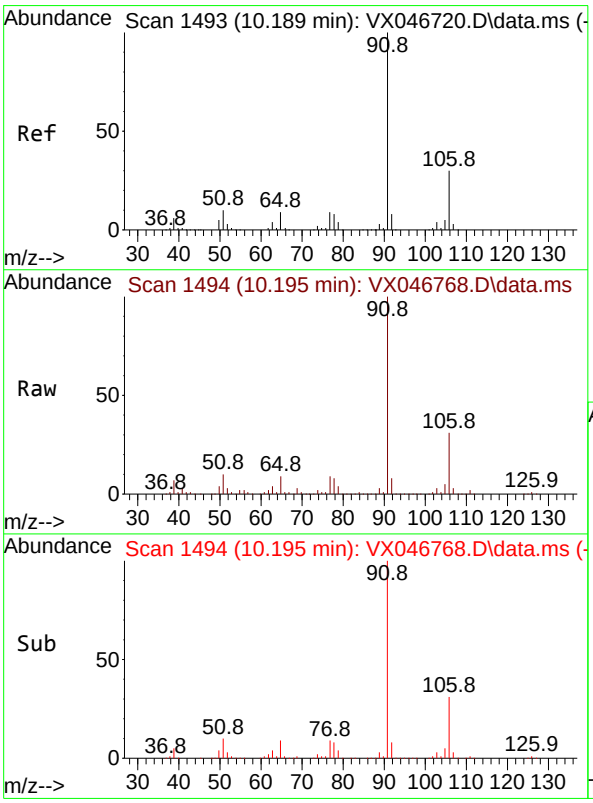
Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	66.8
119	31.8	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

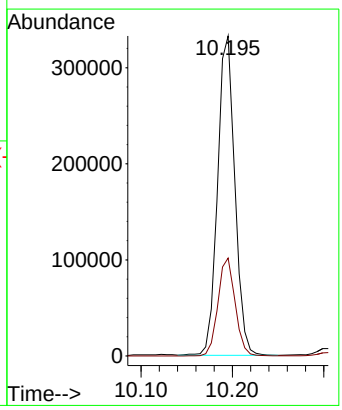


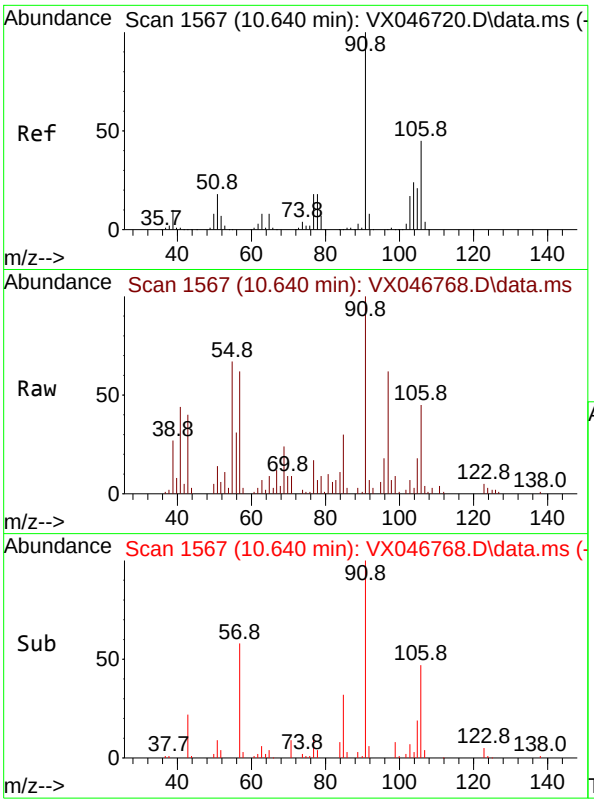


#67
Ethyl Benzene
Concen: 76.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 436377

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.2	36.2





#69
o-Xylene
Concen: 2.460 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:106 Resp: 490

Ion	Ratio	Lower	Upper
106	100		
91	226.7	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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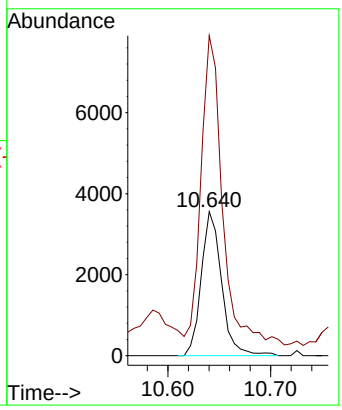
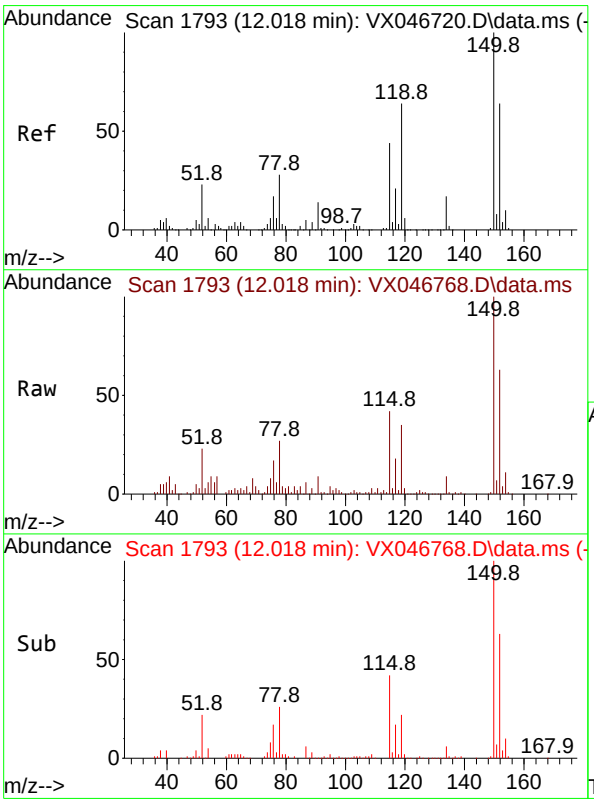
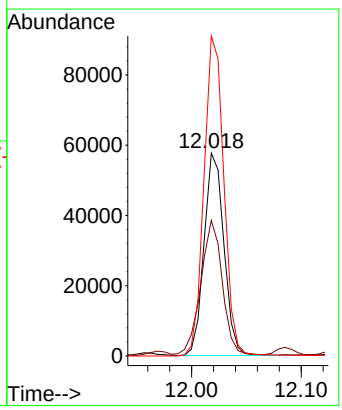


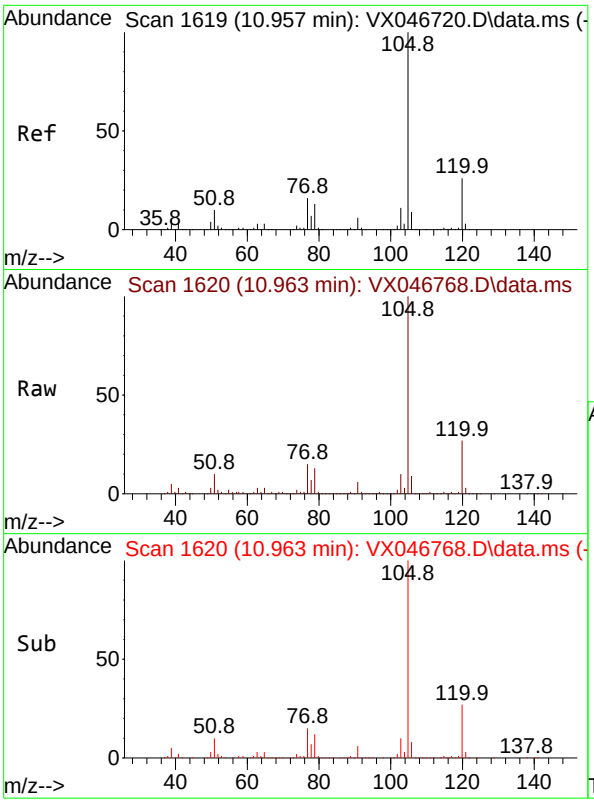


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:152 Resp: 72498

Ion	Ratio	Lower	Upper
152	100		
115	71.1	43.2	129.6
150	158.7	0.0	346.8





#73
Isopropylbenzene
Concen: 106.299 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:105 Resp: 56758

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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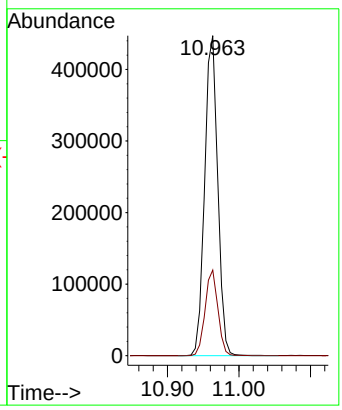
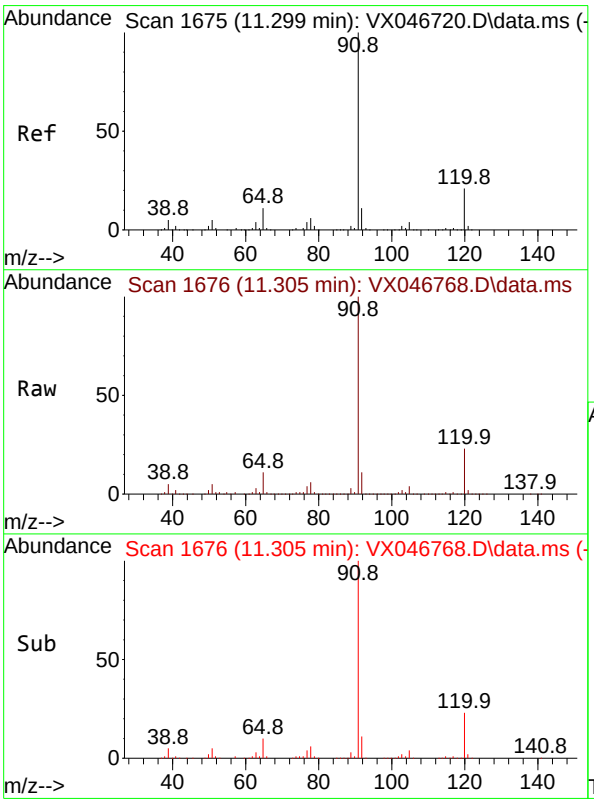
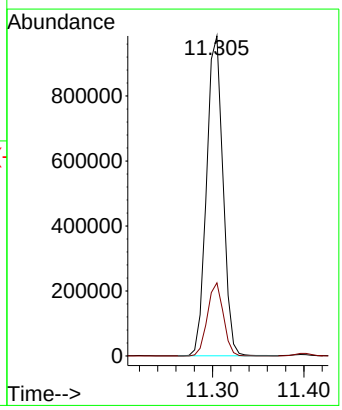


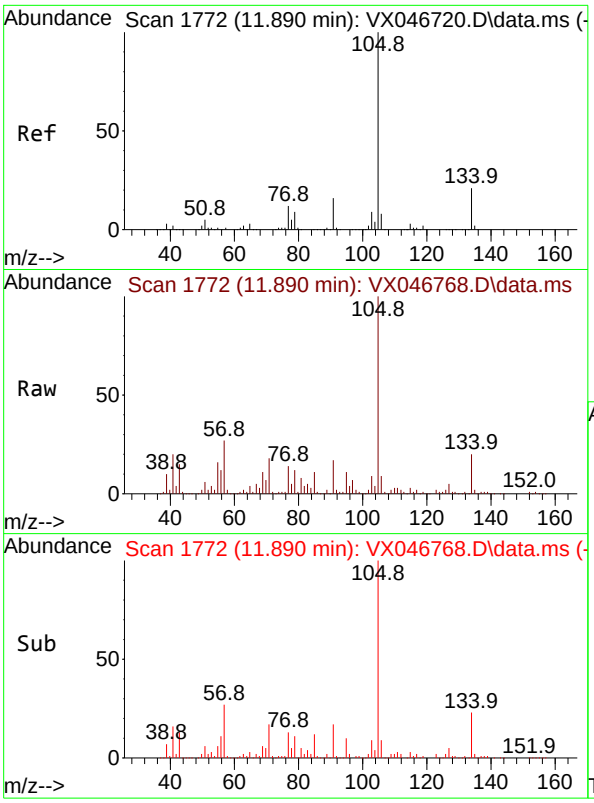


#78
n-propylbenzene
Concen: 192.578 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 1221331

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





#85
sec-Butylbenzene
Concen: 23.927 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:105 Resp: 13715

Ion	Ratio	Lower	Upper
105	100		
134	17.5	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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Reviewed By :John Carlone 06/20/2025
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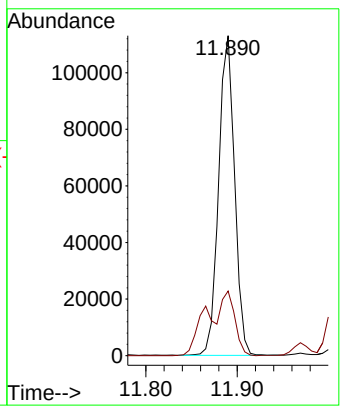
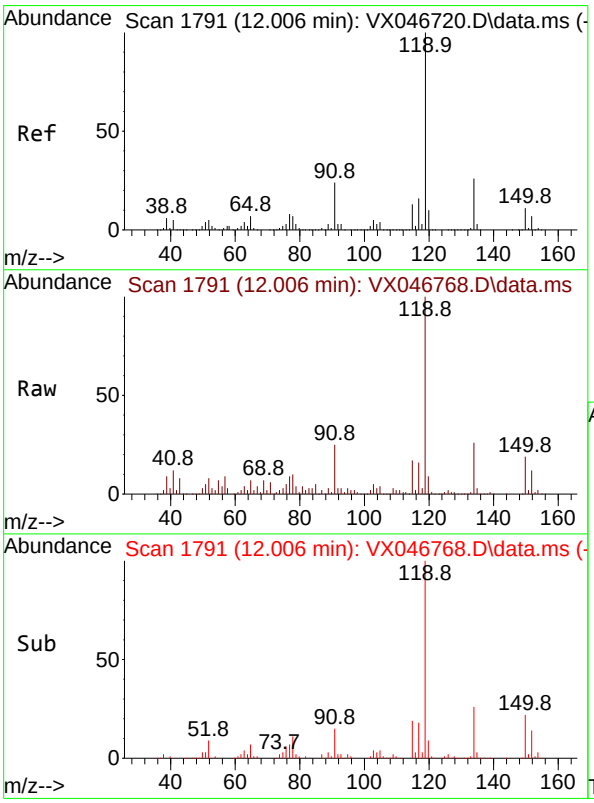
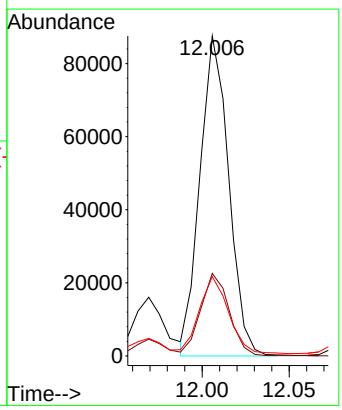


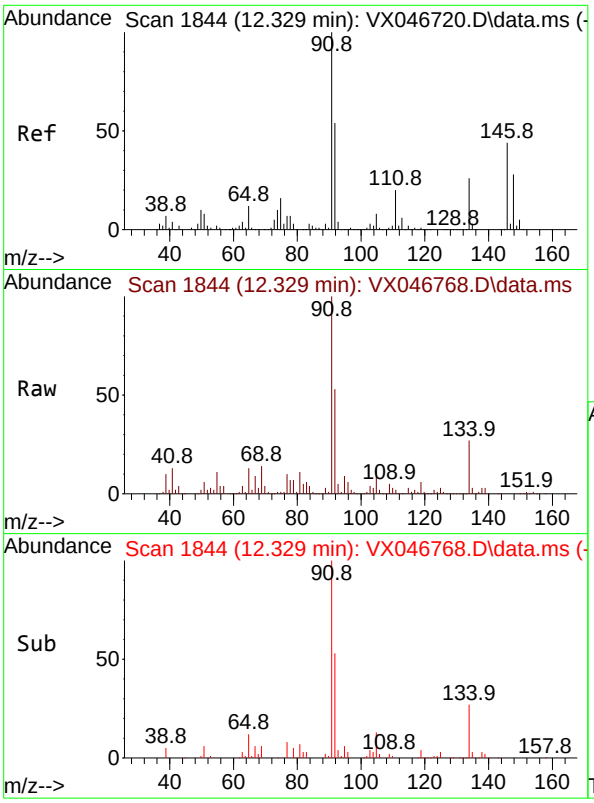


#86
p-Isopropyltoluene
Concen: 20.810 ug/l m
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:119 Resp: 100644

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.7	12.3	36.9

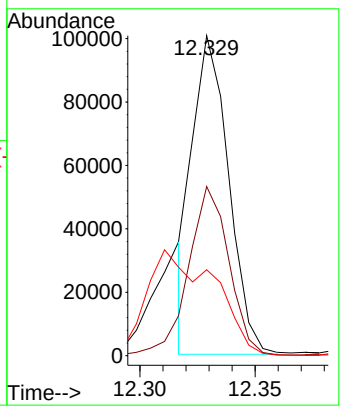




#89
n-Butylbenzene
Concen: 23.942 ug/l m
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 10994

Ion	Ratio	Lower	Upper
91	100		
92	59.4	27.1	81.3
134	62.1	12.9	38.6#



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
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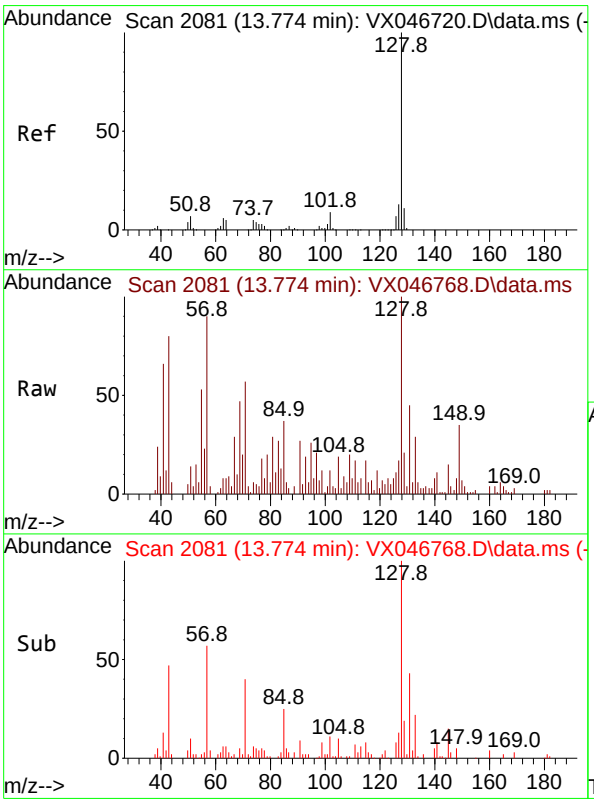
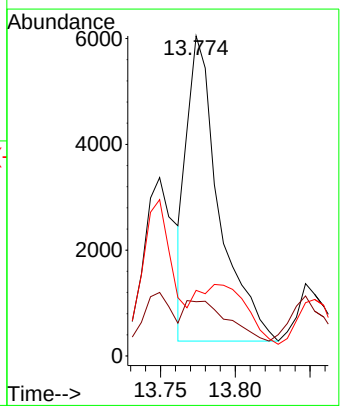


#95
Naphthalene
Concen: 1.821 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:128 Resp: 8636

Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.1	15.1#
129	30.1	8.7	13.1#



Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	106	112	139	rBV	2815124	4695567	28.95%	3.186%
2	1.971	139	145	169	rVV	2675203	4419709	27.25%	2.999%
3	2.233	182	188	201	rBV	145369	261305	1.61%	0.177%
4	2.800	274	281	283	rBV	511408	1033323	6.37%	0.701%
5	2.843	283	288	292	rBV	1621110	3121004	19.25%	2.118%
6	3.117	323	333	360	rVB	1393928	3538904	21.82%	2.402%
7	3.337	360	369	380	rBV	184760	455311	2.81%	0.309%
8	3.465	380	390	405	rBV	1420390	3577831	22.06%	2.428%
9	3.745	426	436	447	rBV	649432	1724511	10.63%	1.170%
10	3.855	447	454	463	rVV	176112	432129	2.66%	0.293%
11	4.117	484	497	508	rBV	234525	698312	4.31%	0.474%
12	4.324	520	531	545	rBV	5261173	16217185	100.00%	11.005%
13	5.208	649	676	696	rBV	712412	2528333	15.59%	1.716%
14	5.489	710	722	738	rVV2	3213811	12068907	74.42%	8.190%
15	5.629	739	745	767	rVB3	336748	1400746	8.64%	0.951%
16	5.842	767	780	794	rBV4	777338	2808344	17.32%	1.906%
17	6.172	819	834	843	rBV	988504	3389446	20.90%	2.300%
18	6.269	843	850	858	rVV2	1016507	3039401	18.74%	2.063%
19	6.367	858	866	881	rVV	1394111	4136974	25.51%	2.807%
20	6.617	897	907	924	rVB	435061	1134479	7.00%	0.770%
21	6.818	924	940	943	rBV2	461890	1598067	9.85%	1.084%
22	6.860	944	947	961	rVB4	505621	1193050	7.36%	0.810%
23	7.177	988	999	1009	rBV	428503	1068029	6.59%	0.725%
24	7.391	1019	1034	1047	rBV	4769170	12032193	74.19%	8.165%
25	7.659	1071	1078	1090	rVB	698154	1424446	8.78%	0.967%
26	7.781	1090	1098	1105	rBV	339301	710764	4.38%	0.482%
27	7.860	1105	1111	1112	rVV	205380	333952	2.06%	0.227%
28	7.885	1112	1115	1121	rVV	268560	505503	3.12%	0.343%
29	7.958	1121	1127	1144	rVB3	558045	1362434	8.40%	0.925%
30	8.147	1144	1158	1162	rBV	1061819	2157604	13.30%	1.464%
31	8.196	1162	1166	1174	rVV2	431892	868288	5.35%	0.589%
32	8.275	1174	1179	1183	rVV	473047	848892	5.23%	0.576%
33	8.317	1183	1186	1194	rVB3	286521	527608	3.25%	0.358%
34	8.439	1201	1206	1211	rBV	277056	483772	2.98%	0.328%
35	8.506	1211	1217	1226	rVB2	905709	1652572	10.19%	1.121%
36	8.604	1226	1233	1237	rBV3	917171	1888130	11.64%	1.281%

Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260

37	8.775	1255	1261	1265	rBV	382441	627170	3.87%	0.426%
38	8.817	1265	1268	1270	rVV	186471	271825	1.68%	0.184%
39	8.848	1270	1273	1280	rVB	317347	509765	3.14%	0.346%
40	8.927	1280	1286	1289	rBV	185477	306873	1.89%	0.208%
41	8.976	1289	1294	1306	rVB3	677281	1302940	8.03%	0.884%
42	9.104	1306	1315	1320	rBV2	399455	777449	4.79%	0.528%
43	9.159	1320	1324	1329	rBV2	367975	599412	3.70%	0.407%
44	9.384	1356	1361	1365	rBV2	213607	328297	2.02%	0.223%
45	9.506	1376	1381	1386	rVV3	343113	725720	4.48%	0.492%
46	9.561	1386	1390	1394	rVV	573439	845671	5.21%	0.574%
47	9.616	1394	1399	1404	rVV2	627960	1078709	6.65%	0.732%
48	9.762	1417	1423	1428	rBV2	217627	356560	2.20%	0.242%
49	9.829	1428	1434	1438	rBV3	231951	493208	3.04%	0.335%
50	9.903	1442	1446	1450	rVB	207055	264024	1.63%	0.179%
51	10.006	1459	1463	1467	rVB	255650	350791	2.16%	0.238%
52	10.055	1467	1471	1475	rVV	318264	412712	2.54%	0.280%
53	10.128	1475	1483	1486	rVV2	261073	536296	3.31%	0.364%
54	10.195	1486	1494	1499	rVV	794554	1269314	7.83%	0.861%
55	10.274	1499	1507	1511	rVV	263764	537523	3.31%	0.365%
56	10.317	1511	1514	1517	rVV	242334	344367	2.12%	0.234%
57	10.354	1517	1520	1532	rVB3	149383	321831	1.98%	0.218%
58	10.585	1551	1558	1566	rBV4	302250	607529	3.75%	0.412%
59	10.780	1582	1590	1594	rBV2	644657	1021027	6.30%	0.693%
60	10.854	1594	1602	1606	rBV3	426314	676558	4.17%	0.459%
61	10.896	1606	1609	1614	rVB	180549	251463	1.55%	0.171%
62	10.963	1614	1620	1624	rBV	1090884	1477562	9.11%	1.003%
63	11.079	1634	1639	1642	rBV2	438079	606254	3.74%	0.411%
64	11.122	1642	1646	1650	rVB2	163761	330562	2.04%	0.224%
65	11.189	1650	1657	1659	rBV2	214819	344768	2.13%	0.234%
66	11.219	1659	1662	1667	rVB3	308677	398456	2.46%	0.270%
67	11.305	1671	1676	1680	rBV	1952148	2477343	15.28%	1.681%
68	11.390	1686	1690	1693	rBV3	211478	301613	1.86%	0.205%
69	11.427	1693	1696	1701	rVV	254178	349676	2.16%	0.237%
70	11.610	1722	1726	1734	rVB	664011	992715	6.12%	0.674%
71	11.713	1740	1743	1746	rBV	381575	399092	2.46%	0.271%
72	11.866	1764	1768	1769	rVV	241067	346914	2.14%	0.235%
73	11.890	1769	1772	1776	rVV	473717	653760	4.03%	0.444%
74	11.939	1776	1780	1783	rVV	292166	438815	2.71%	0.298%
75	12.018	1788	1793	1799	rVV4	455190	978131	6.03%	0.664%
76	12.079	1799	1803	1811	rVV3	201604	549657	3.39%	0.373%

Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260

77	12.170	1815	1818	1825	rVB3	218146	328657	2.03%	0.223%
78	12.244	1825	1830	1836	rBV	3462610	4359369	26.88%	2.958%
79	12.311	1836	1841	1848	rBV2	536250	1033395	6.37%	0.701%
80	12.402	1848	1856	1862	rBV2	242044	500104	3.08%	0.339%
81	12.463	1862	1866	1872	rVB2	252674	388408	2.40%	0.264%
82	12.609	1886	1890	1893	rVV	1745844	2150453	13.26%	1.459%
83	12.640	1893	1895	1899	rVV	578553	682719	4.21%	0.463%
84	12.695	1899	1904	1912	rVB2	1479599	2296626	14.16%	1.559%
85	12.890	1931	1936	1937	rBV2	212134	293474	1.81%	0.199%
86	12.920	1937	1941	1947	rVB	1124320	1404008	8.66%	0.953%
87	13.024	1954	1958	1964	rVB4	184405	373451	2.30%	0.253%
88	13.164	1978	1981	1991	rVB	832282	1130332	6.97%	0.767%
89	13.286	1992	2001	2007	rBV2	2338796	3447765	21.26%	2.340%
90	13.378	2012	2016	2020	rVV2	132756	251871	1.55%	0.171%
91	13.420	2020	2023	2032	rVB5	239371	464135	2.86%	0.315%
92	13.506	2032	2037	2039	rBV2	174713	238245	1.47%	0.162%
93	13.542	2039	2043	2046	rVV	242950	301406	1.86%	0.205%
94	13.579	2046	2049	2053	rVV2	324782	451492	2.78%	0.306%
95	13.664	2060	2063	2068	rVV2	293925	453534	2.80%	0.308%
96	13.841	2088	2092	2098	rVB2	189388	285762	1.76%	0.194%
97	13.926	2098	2106	2110	rBV4	137720	271606	1.67%	0.184%
98	14.073	2125	2130	2133	rBV	171884	236065	1.46%	0.160%
99	14.213	2149	2153	2163	rVB2	207530	368495	2.27%	0.250%
100	14.780	2241	2246	2253	rBV	623689	850406	5.24%	0.577%

Sum of corrected areas: 147361155

Sample Results: **VX046768.D**

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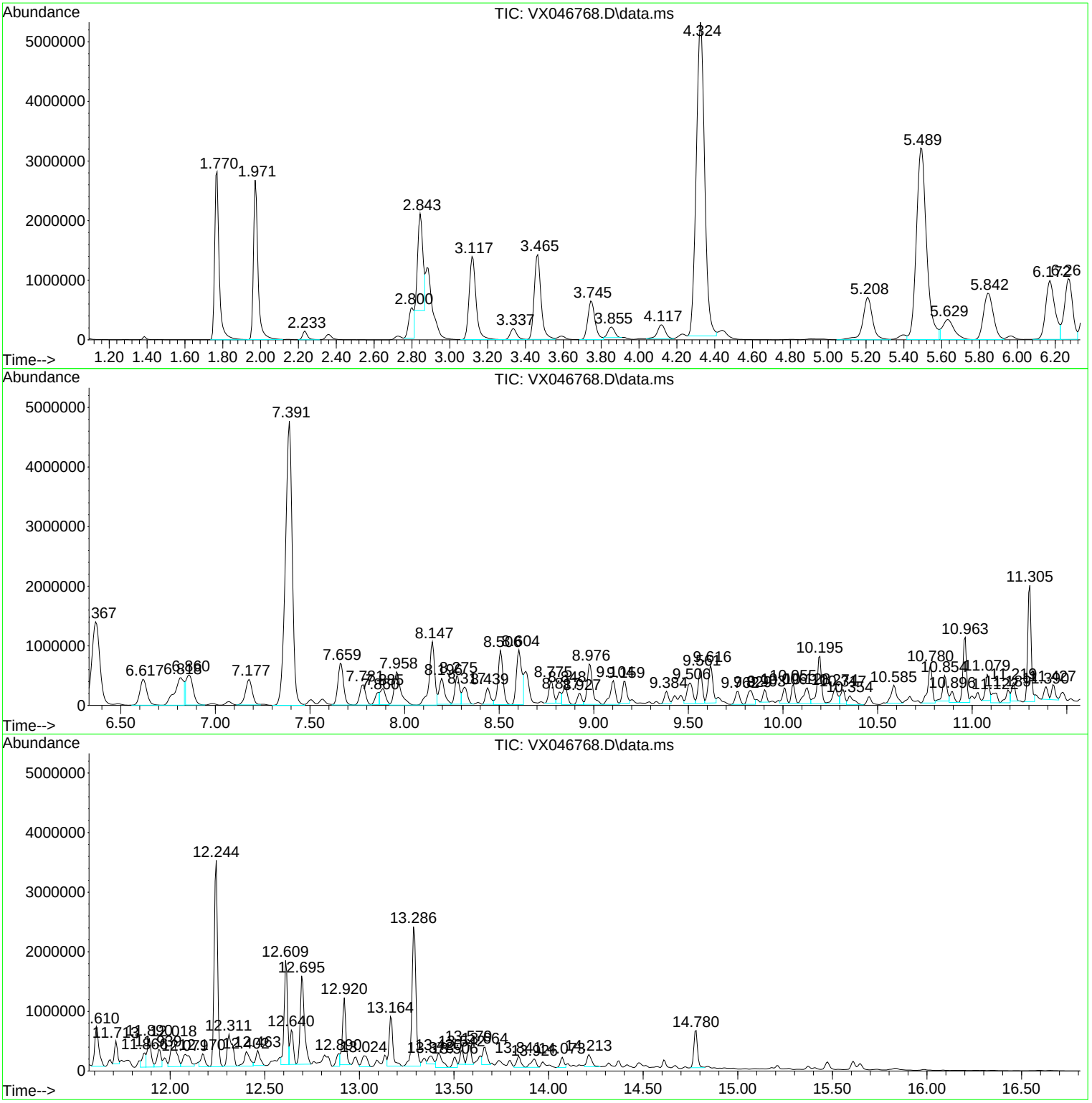
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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



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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

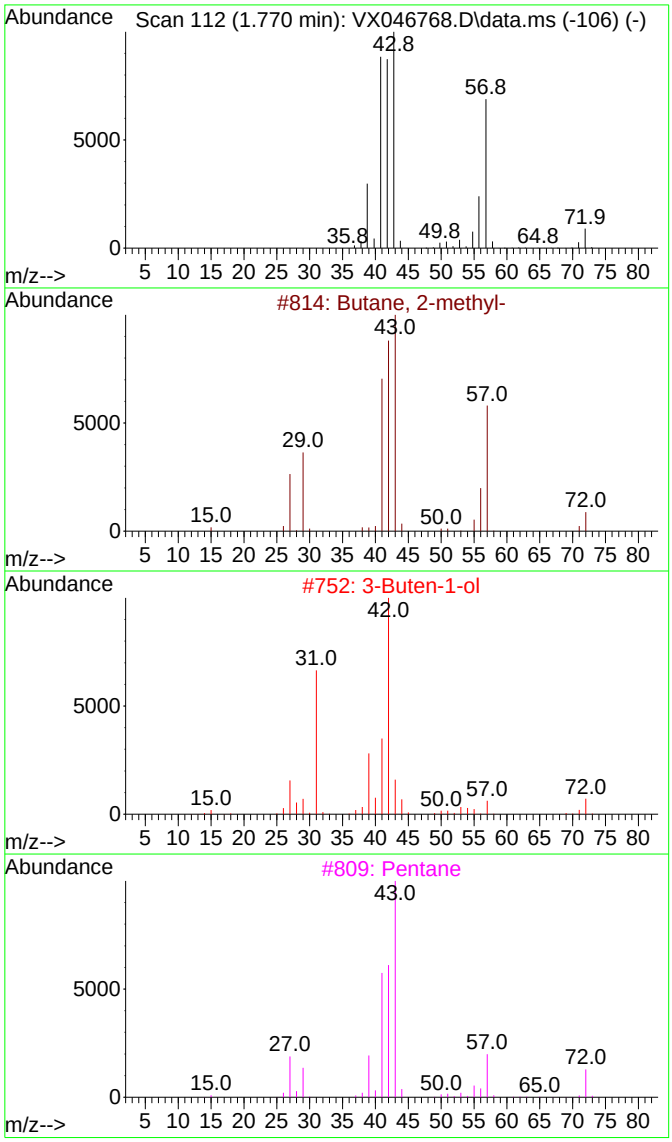
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

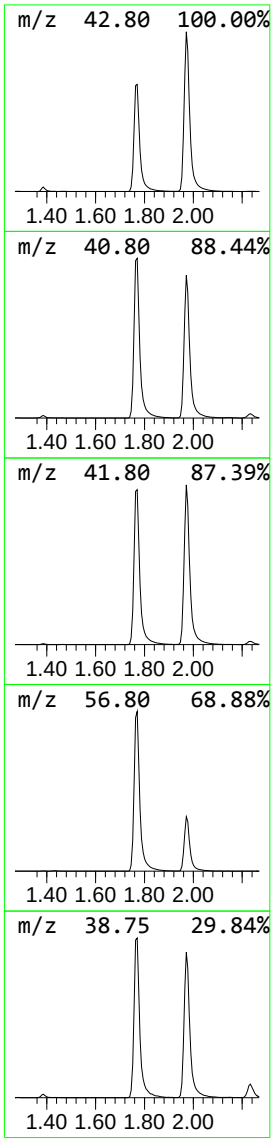
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	167.61 ug/l	4695570	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	45
4	1-Butene	56	C4H8	000106-98-9	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





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Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

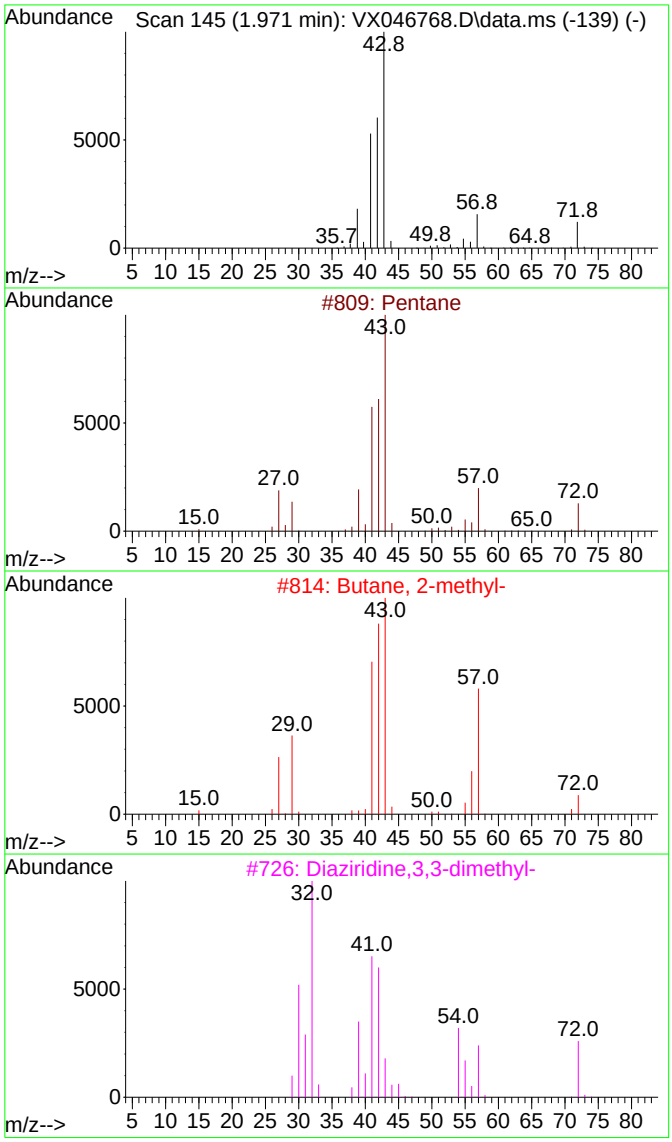
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

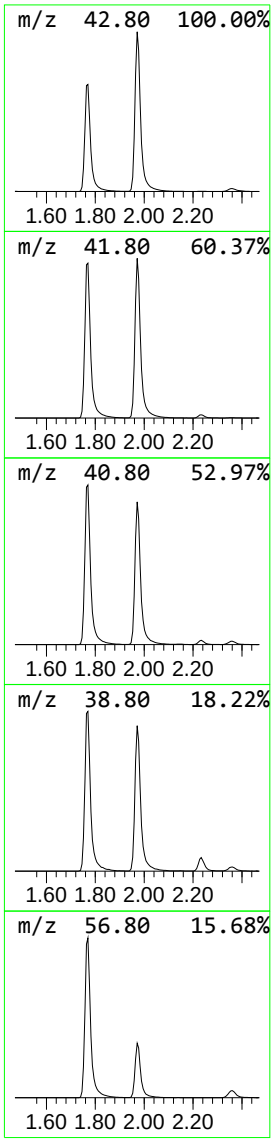
****

Peak Number 2 Pentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.971	157.76 ug/l	4419710	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	50
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35
4	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	9
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	9





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Acq On : 19 Jun 2025 13:36
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Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

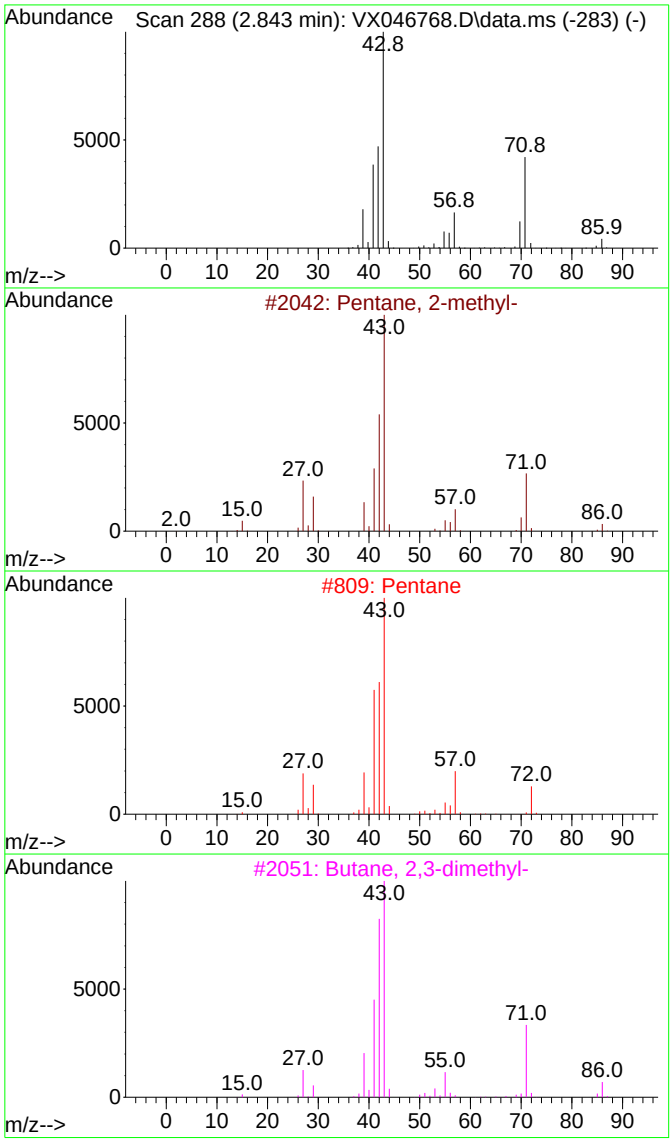
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

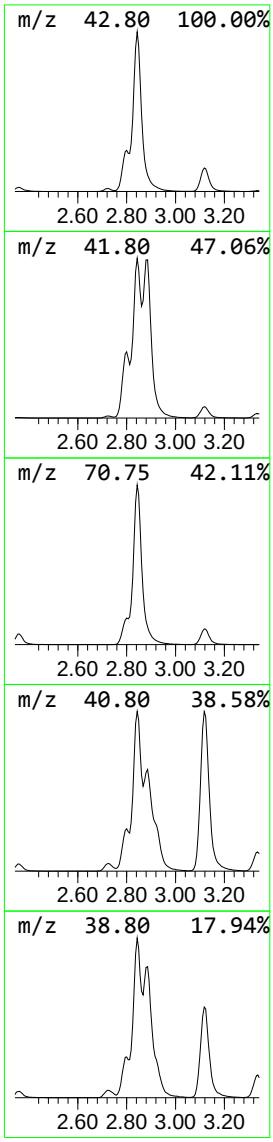
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	111.41 ug/l	3121000	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane	72	C5H12	000109-66-0	46
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





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Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

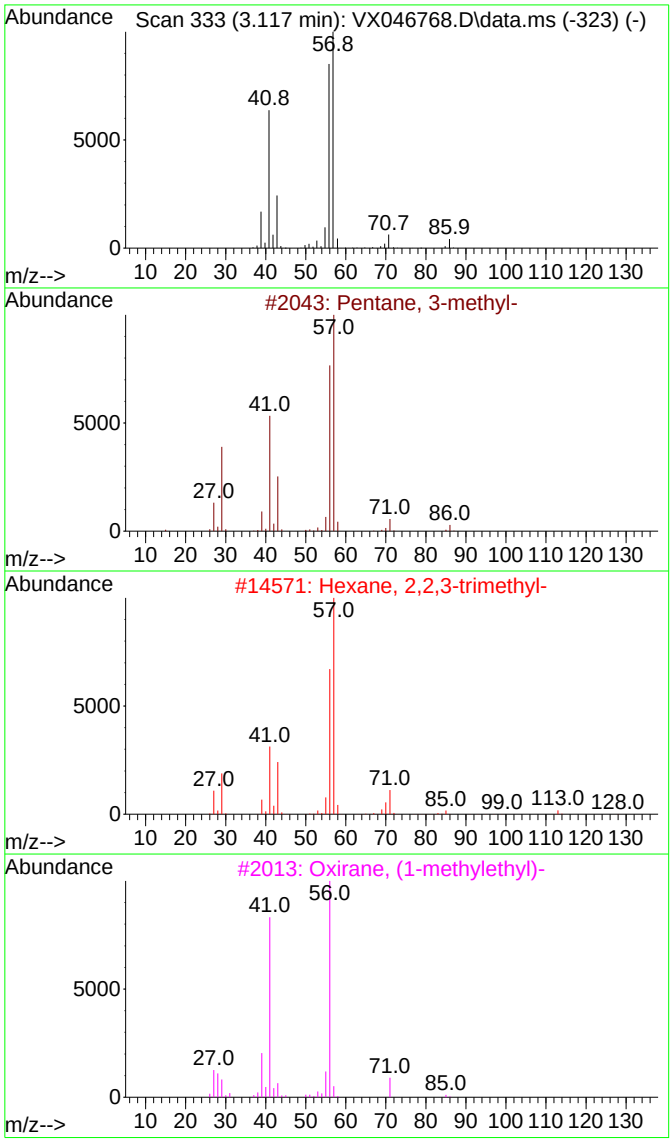
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

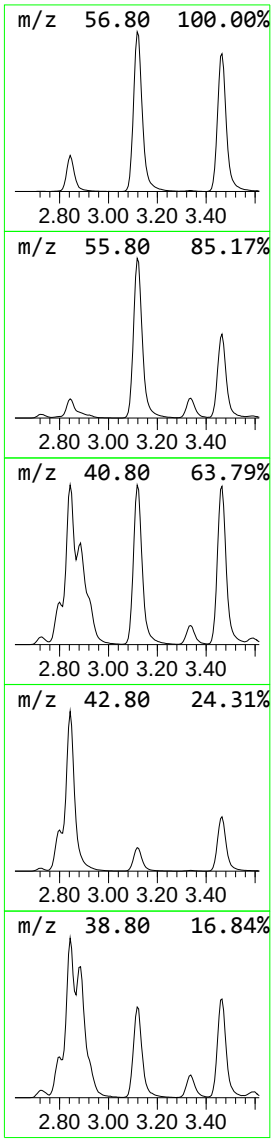
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	126.32 ug/l	3538900	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





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Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

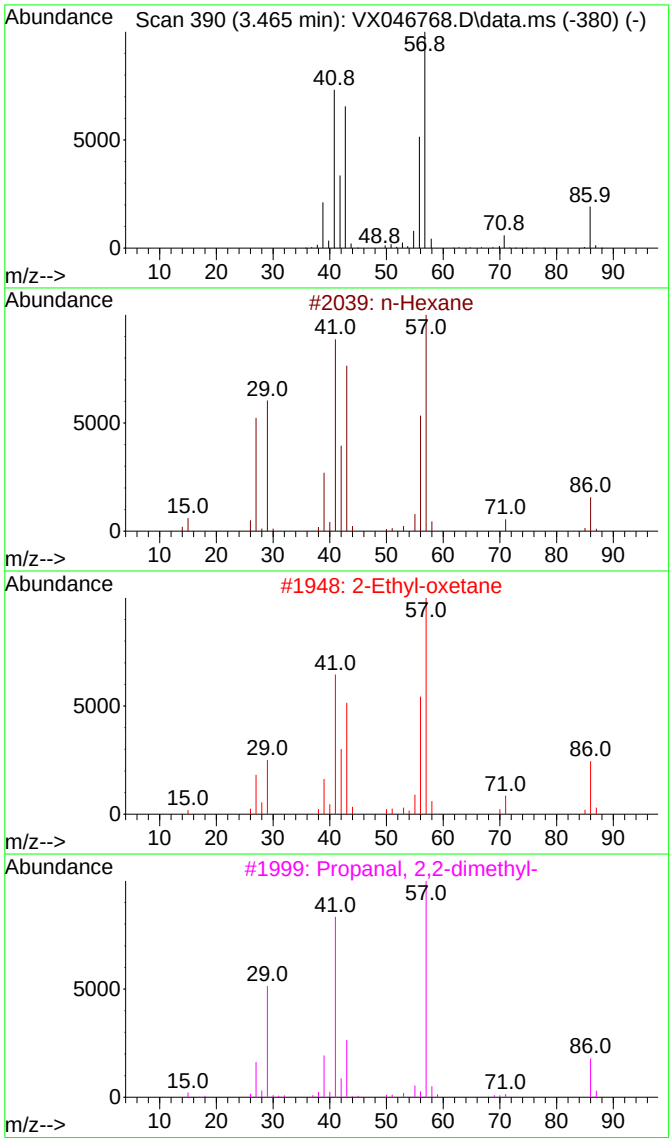
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

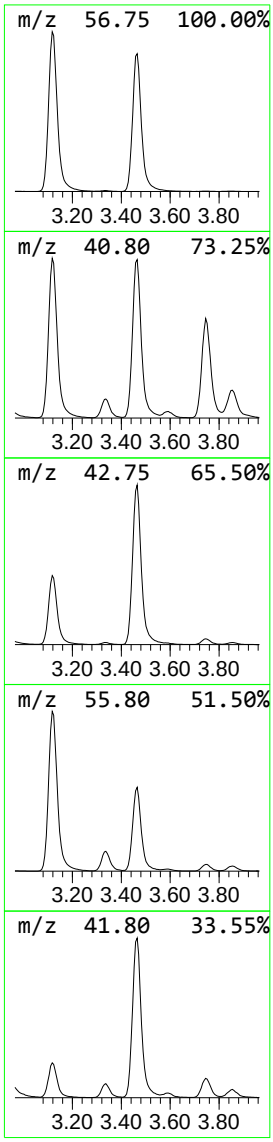
****

Peak Number 5 n-Hexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.465	127.71 ug/l	3577830	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	56
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38





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Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

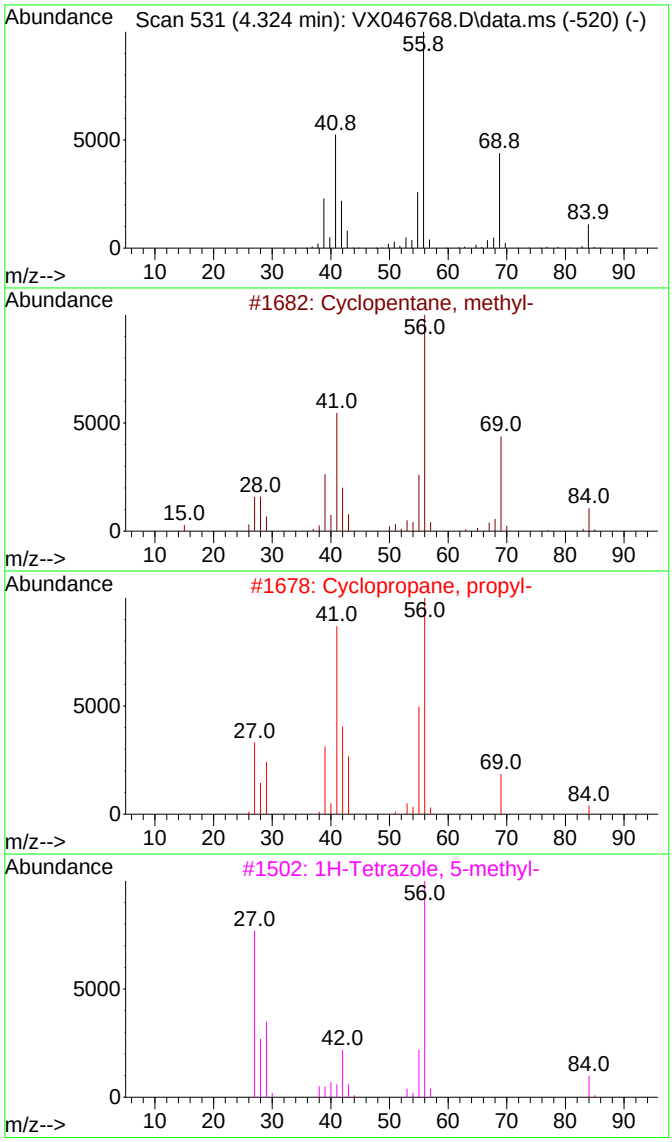
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

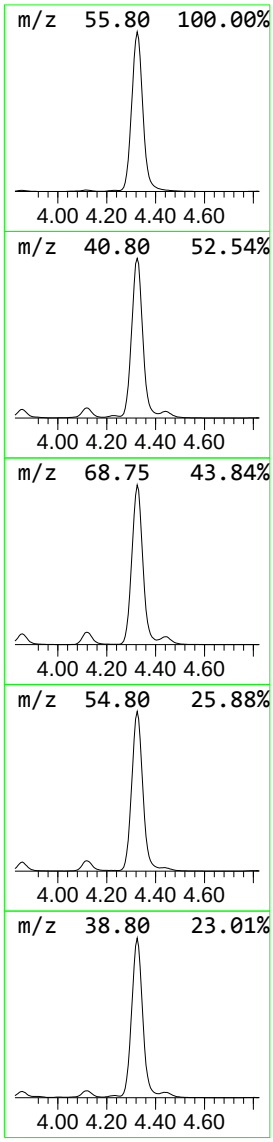
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.324	578.88 ug/l	16217200	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclohexane	84	C6H12	000110-82-7	56





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Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

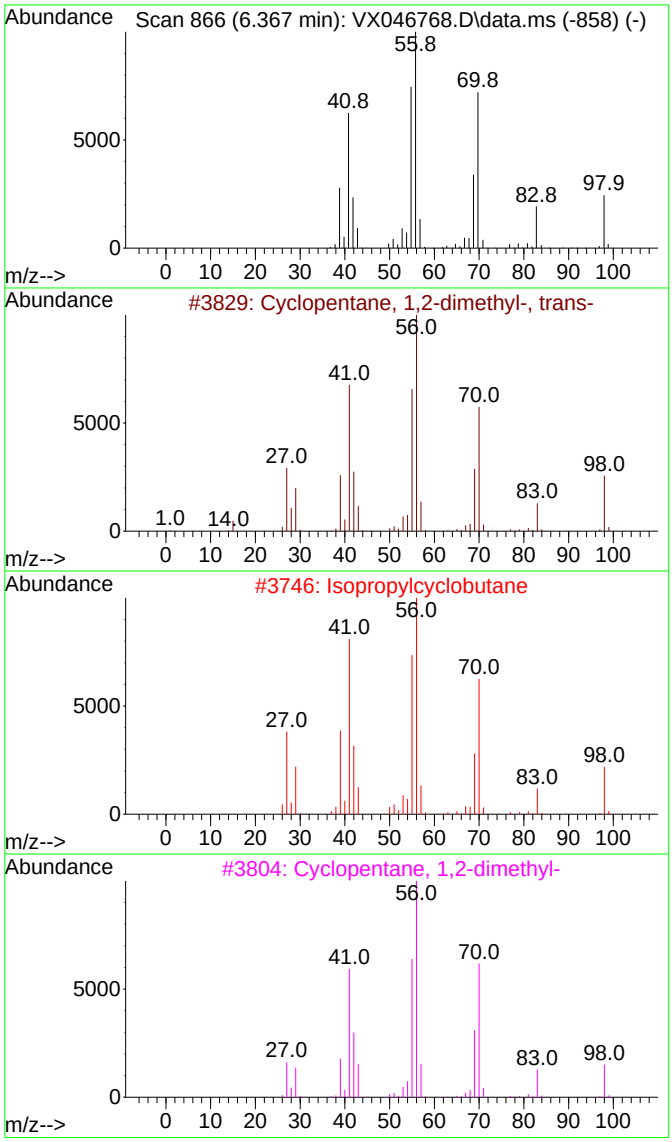
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

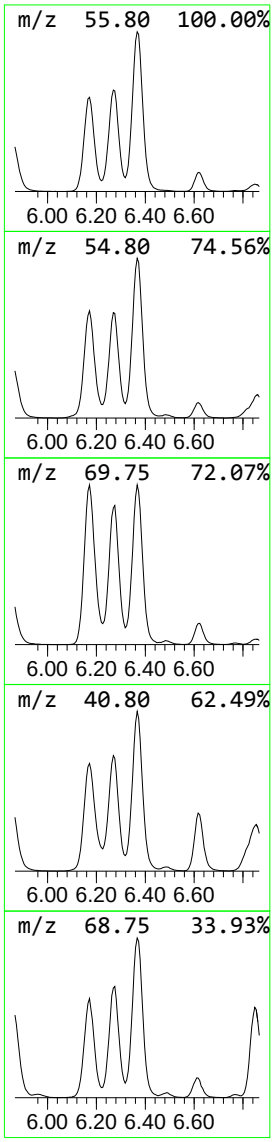
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.367	129.44 ug/l	4136970	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86





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Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

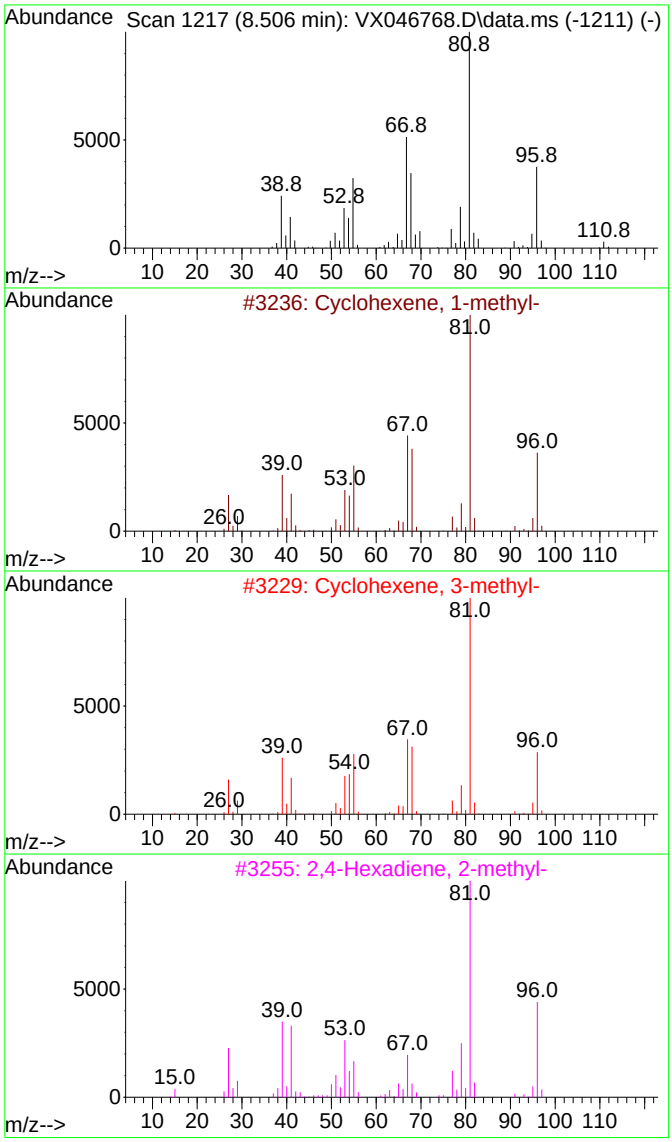
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

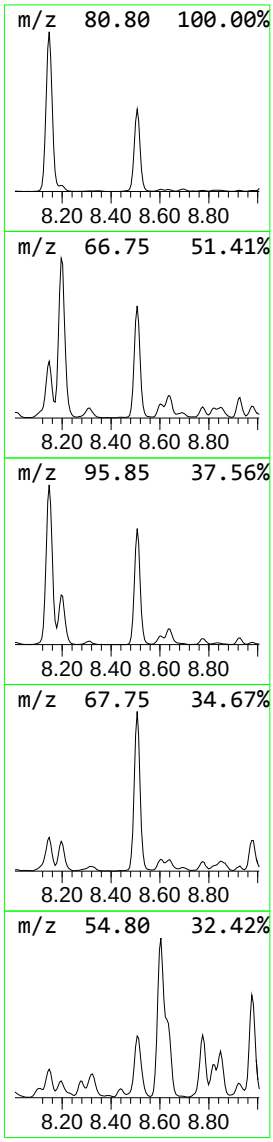
****

Peak Number 8 Cyclohexene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.506	200.21 ug/l	1652570	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87





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Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

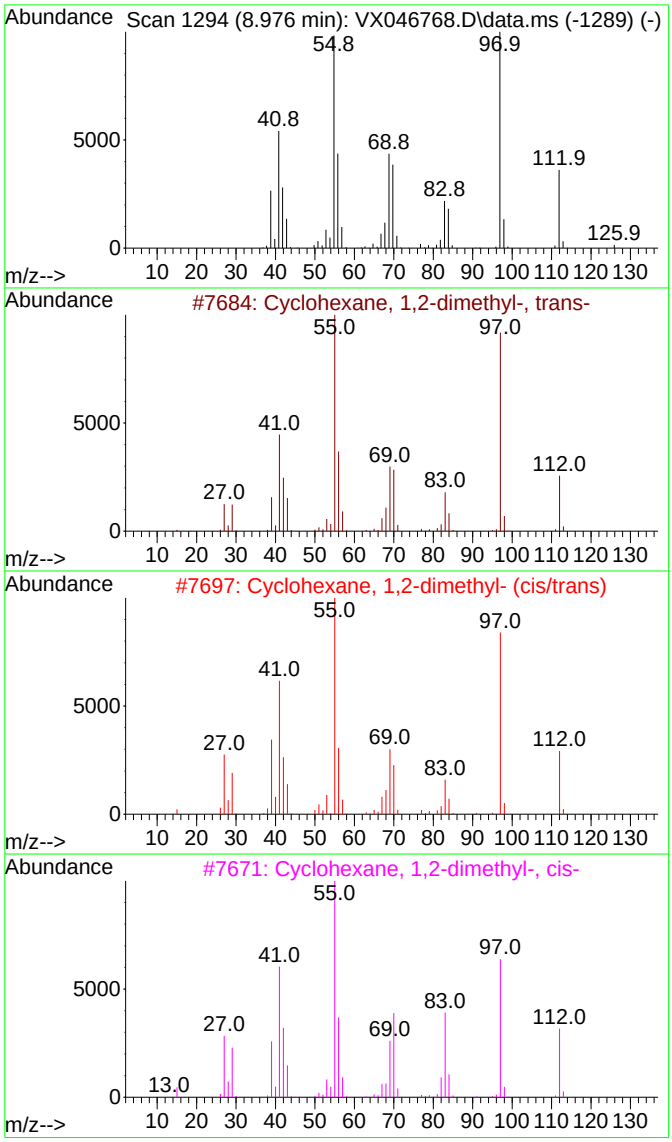
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

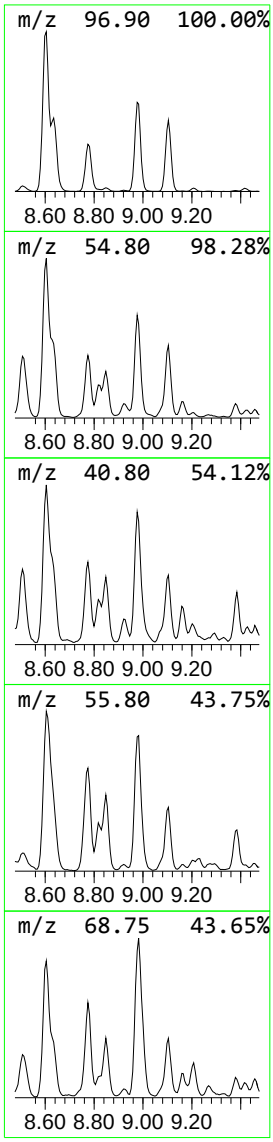
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.976	157.85 ug/l	1302940	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	80
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	68





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Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

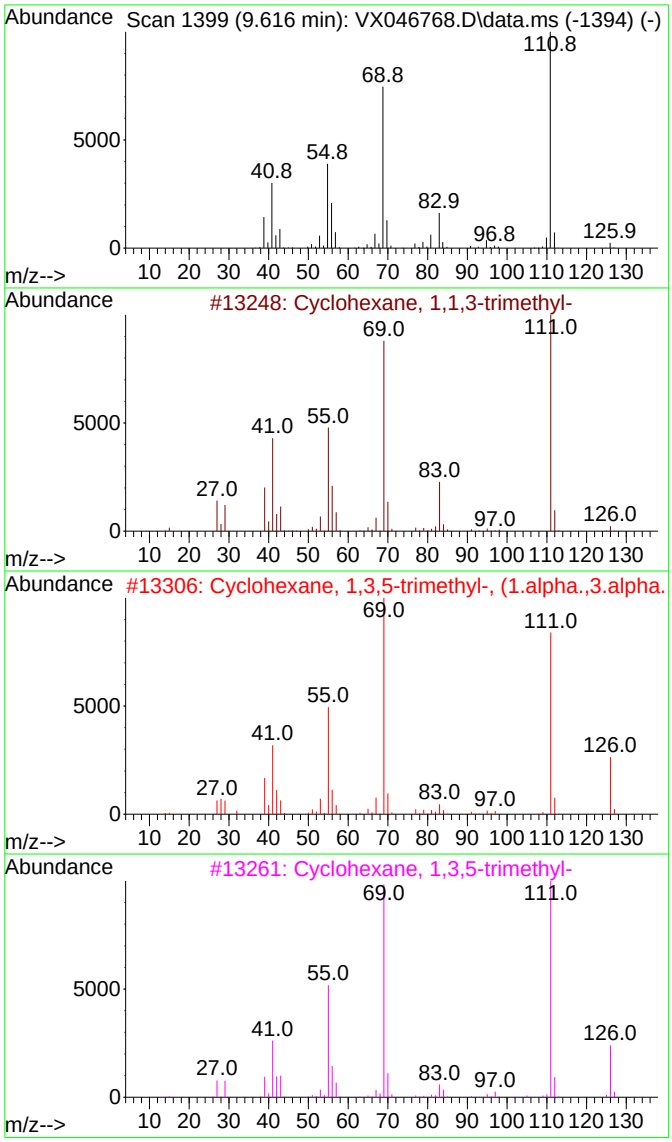
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

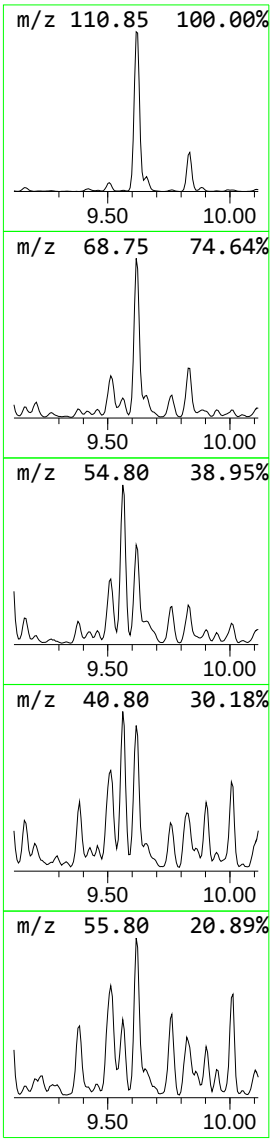
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	130.69 ug/l	1078710	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	56
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

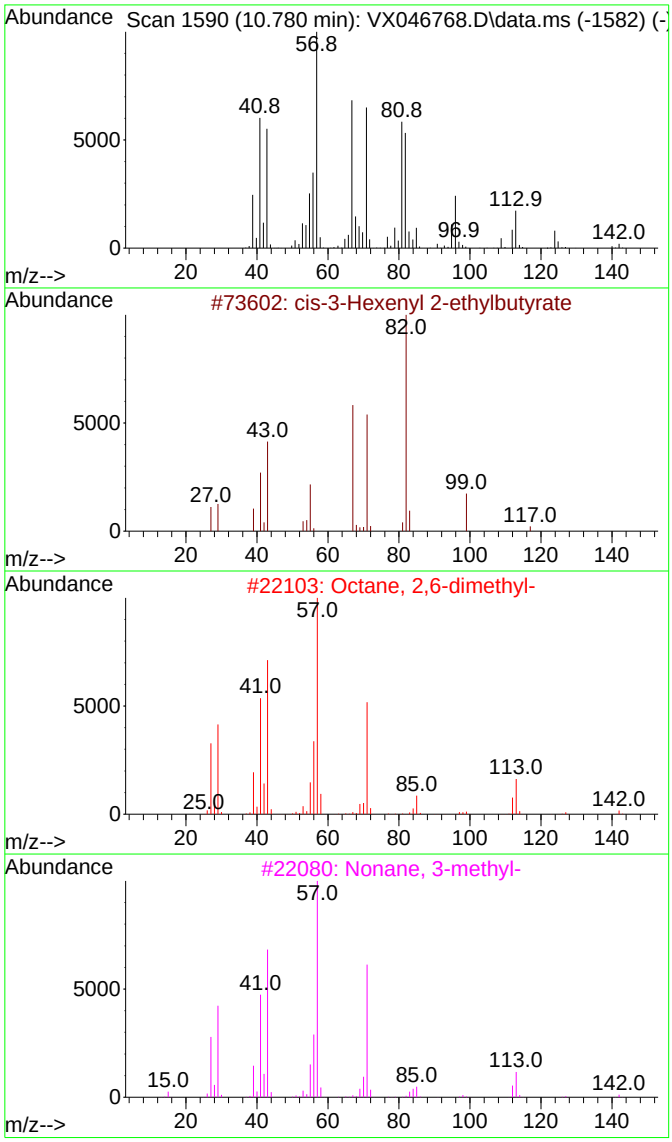
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

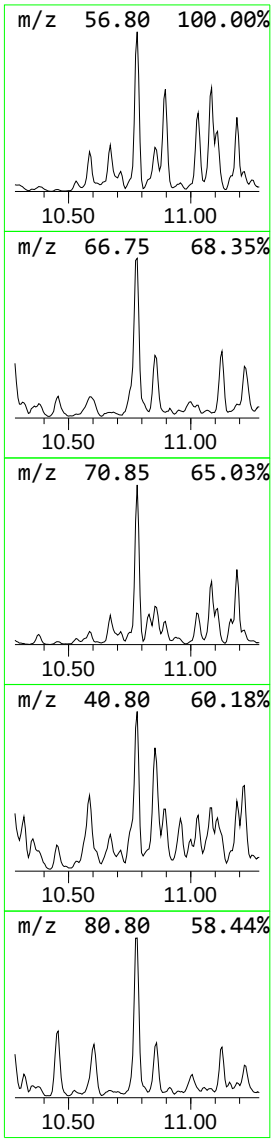
****

Peak Number 11 unknown10.780 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	123.70 ug/l	1021030	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Hexenyl 2-ethylbutyrate	198	C12H22O2	1000433-24-6	46
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
4	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	016491-36-4	43
5	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	053398-84-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

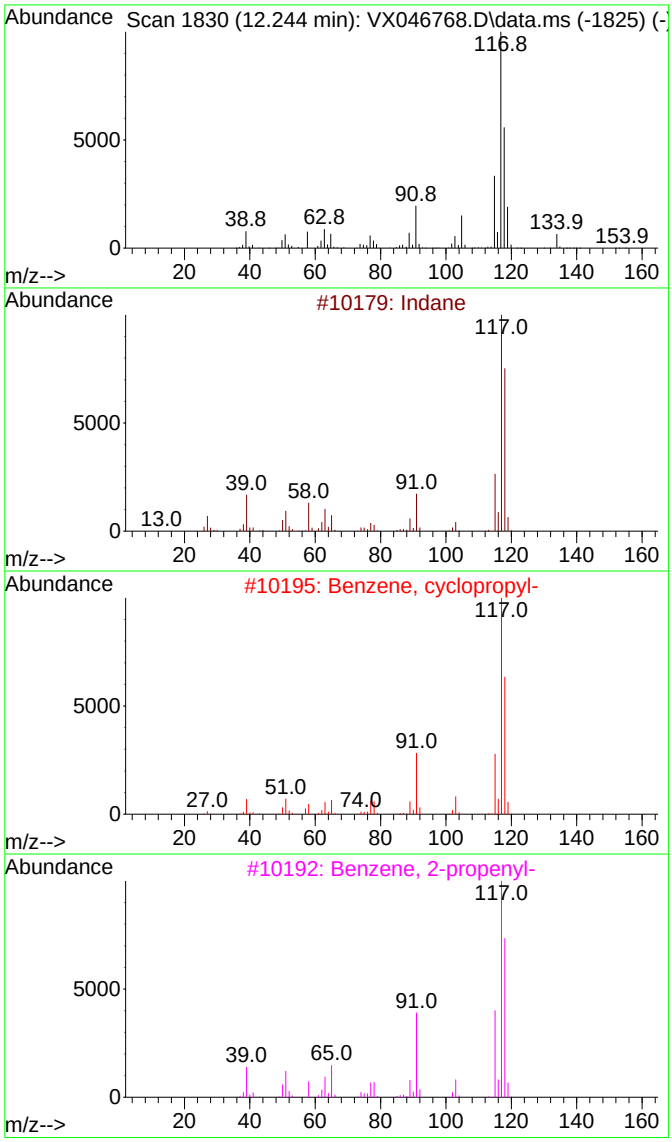
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

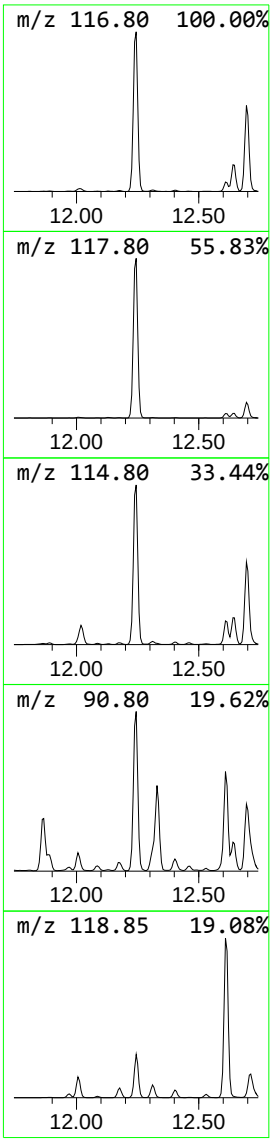
****

Peak Number 12 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	222.84 ug/l	4359370	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

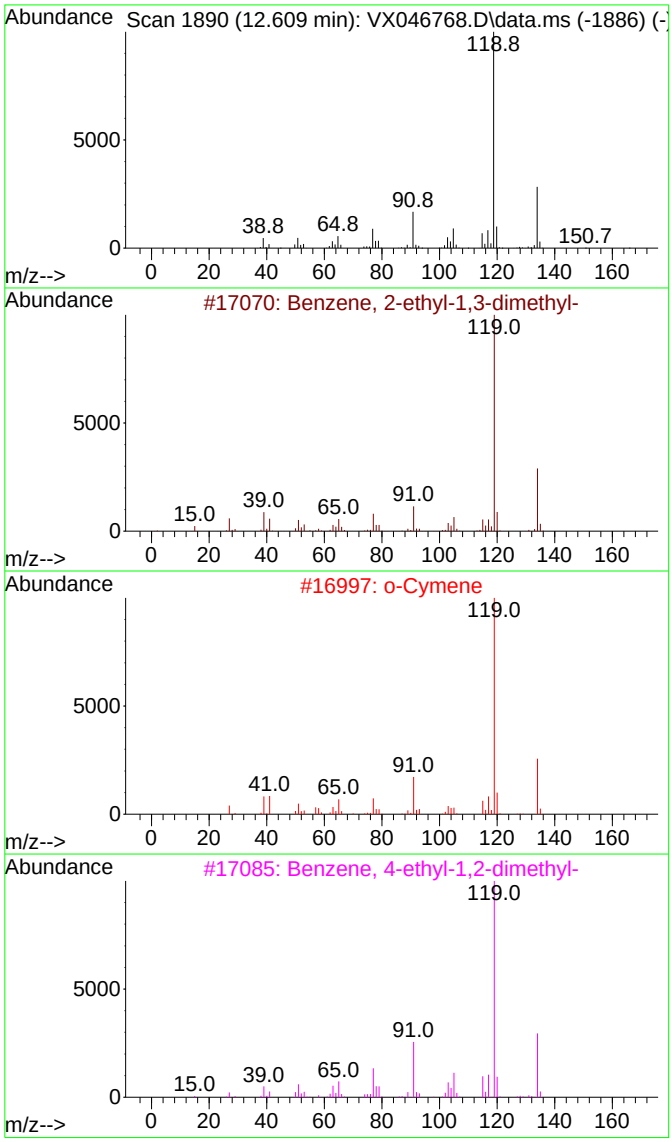
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

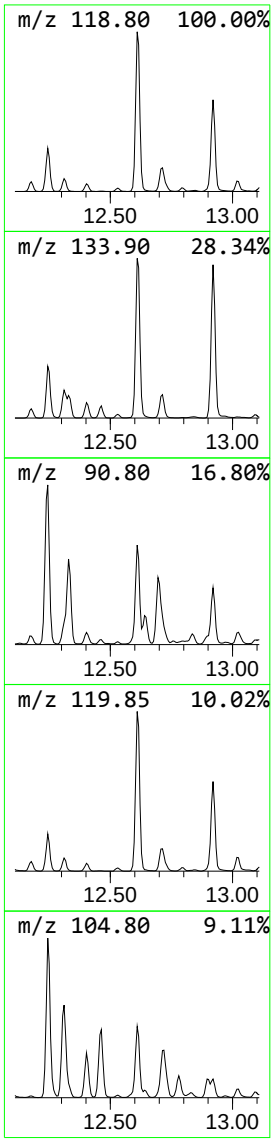
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	109.93 ug/l	2150450	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

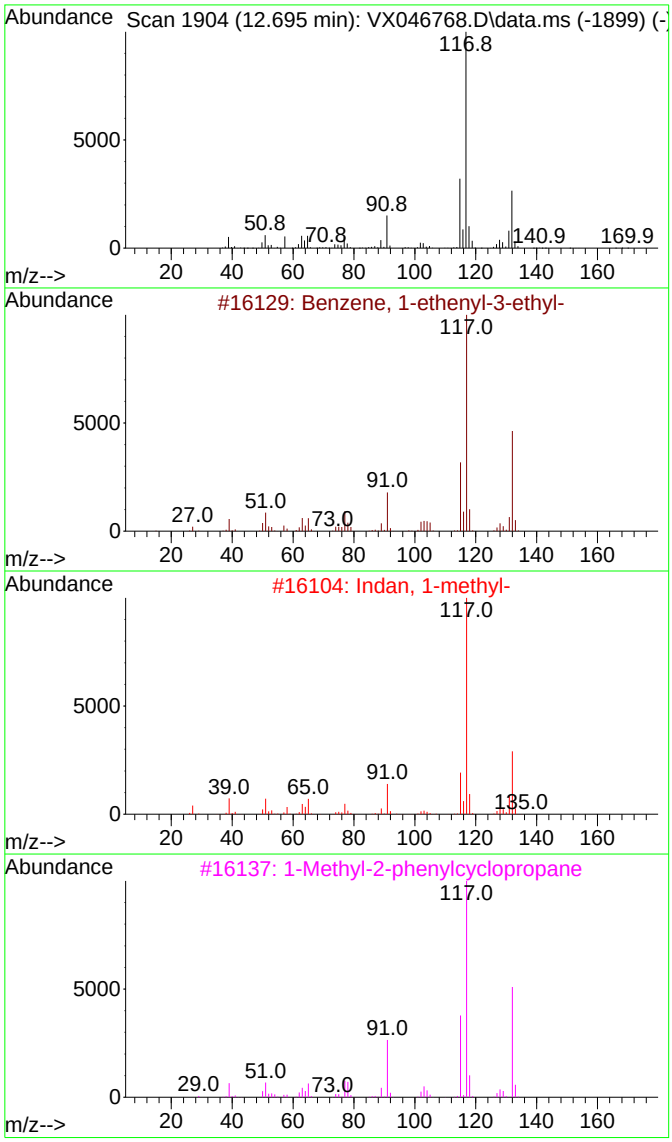
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

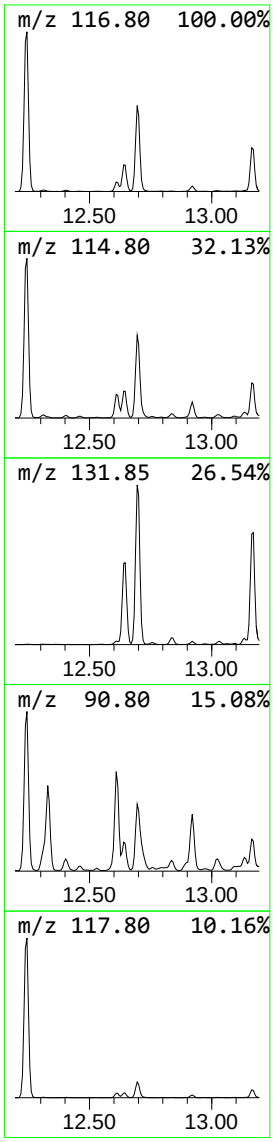
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	117.40 ug/l	2296630	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

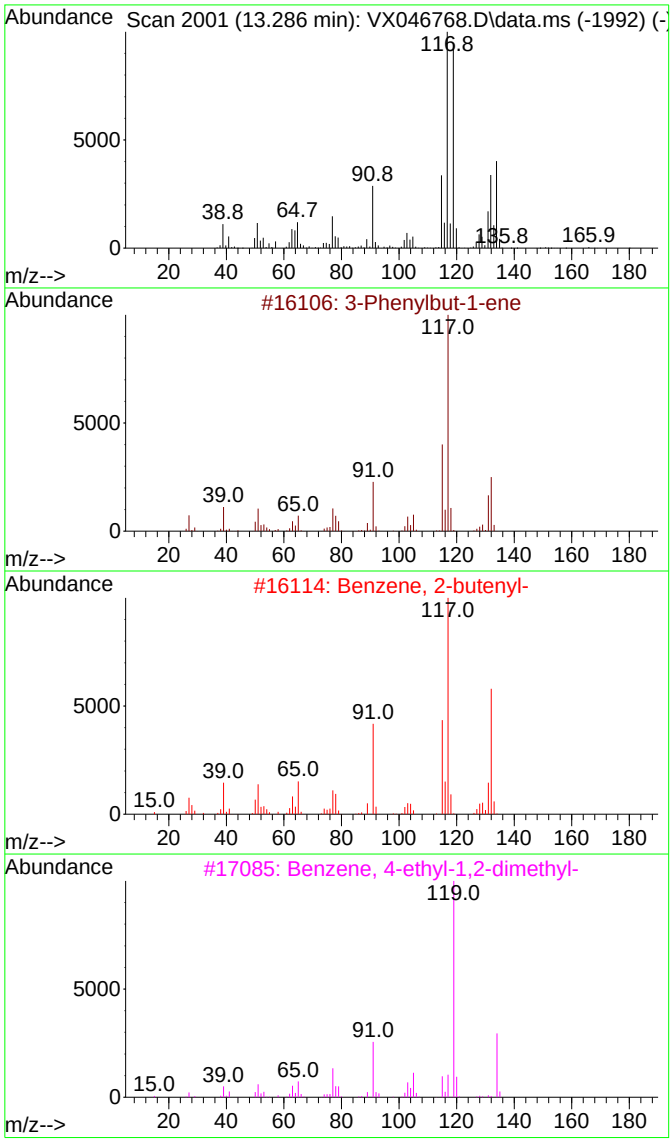
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

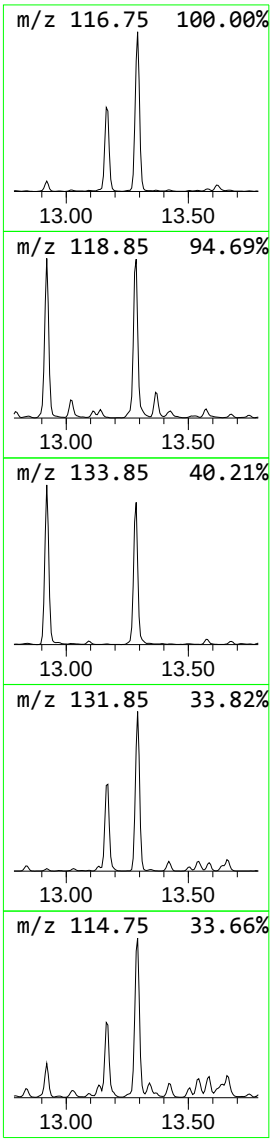
****

Peak Number 15 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	176.24 ug/l	3447770	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.770	167.6	ug/l	4695570	1	5.562	1400750	50.0
Pentane	1.971	157.8	ug/l	4419710	1	5.562	1400750	50.0
Pentane, 2-methyl-	2.843	111.4	ug/l	3121000	1	5.562	1400750	50.0
Pentane, 3-methyl-	3.117	126.3	ug/l	3538900	1	5.562	1400750	50.0
n-Hexane	3.465	127.7	ug/l	3577830	1	5.562	1400750	50.0
Cyclopentane, m...	4.324	578.9	ug/l	16217200	1	5.562	1400750	50.0
Cyclopentane, 1...	6.367	129.4	ug/l	4136970	2	6.769	1598070	50.0
Cyclohexene, 1-...	8.506	200.2	ug/l	1652570	3	10.055	412712	50.0
Cyclohexane, 1,...	8.976	157.8	ug/l	1302940	3	10.055	412712	50.0
Cyclohexane, 1,...	9.616	130.7	ug/l	1078710	3	10.055	412712	50.0
unknown10.780	10.780	123.7	ug/l	1021030	3	10.055	412712	50.0
Indane	12.244	222.8	ug/l	4359370	4	12.018	978131	50.0
Benzene, 2-ethy...	12.609	109.9	ug/l	2150450	4	12.018	978131	50.0
Benzene, 1-ethe...	12.695	117.4	ug/l	2296630	4	12.018	978131	50.0
3-Phenylbut-1-ene	13.286	176.2	ug/l	3447770	4	12.018	978131	50.0

Raw Data: **VN087127.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1WDL	SDG No.:	Q2363
Lab Sample ID:	Q2363-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087127.D	20		06/20/25 11:01	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	UD	4.40	20.0	ug/L
74-87-3	Chloromethane	6.40	UD	6.40	20.0	ug/L
75-01-4	Vinyl Chloride	5.20	UD	5.20	20.0	ug/L
74-83-9	Bromomethane	28.8	UD	28.8	100	ug/L
75-00-3	Chloroethane	9.40	UD	9.40	20.0	ug/L
75-69-4	Trichlorofluoromethane	6.60	UD	6.60	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	20.0	ug/L
75-35-4	1,1-Dichloroethene	4.60	UD	4.60	20.0	ug/L
67-64-1	Acetone	30.2	UD	30.2	100	ug/L
75-15-0	Carbon Disulfide	4.20	UD	4.20	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	20.0	ug/L
79-20-9	Methyl Acetate	5.40	UDQ	5.40	20.0	ug/L
75-09-2	Methylene Chloride	5.60	UD	5.60	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.60	UD	4.60	20.0	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	20.0	ug/L
110-82-7	Cyclohexane	910	D	29.0	100	ug/L
78-93-3	2-Butanone	19.6	UD	19.6	100	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	3.80	UD	3.80	20.0	ug/L
74-97-5	Bromochloromethane	4.40	UD	4.40	20.0	ug/L
67-66-3	Chloroform	5.00	UD	5.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	UD	4.00	20.0	ug/L
108-87-2	Methylcyclohexane	720	D	3.20	20.0	ug/L
71-43-2	Benzene	3.00	UD	3.00	20.0	ug/L
107-06-2	1,2-Dichloroethane	4.40	UD	4.40	20.0	ug/L
79-01-6	Trichloroethene	1.90	UD	1.90	20.0	ug/L
78-87-5	1,2-Dichloropropane	4.00	UD	4.00	20.0	ug/L
75-27-4	Bromodichloromethane	4.40	UD	4.40	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	13.6	UD	13.6	100	ug/L
108-88-3	Toluene	2.80	UD	2.80	20.0	ug/L

Raw Data: **VN087127.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1WDL	SDG No.:	Q2363
Lab Sample ID:	Q2363-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087127.D	20		06/20/25 11:01	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	3.40	UD	3.40	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.20	UD	3.20	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	20.0	ug/L
591-78-6	2-Hexanone	17.8	UD	17.8	100	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	20.0	ug/L
106-93-4	1,2-Dibromoethane	3.00	UD	3.00	20.0	ug/L
127-18-4	Tetrachloroethene	4.60	UD	4.60	20.0	ug/L
108-90-7	Chlorobenzene	2.40	UD	2.40	20.0	ug/L
100-41-4	Ethyl Benzene	49.0	D	2.60	20.0	ug/L
179601-23-1	m/p-Xylenes	4.80	UD	4.80	40.0	ug/L
95-47-6	o-Xylene	2.40	UD	2.40	20.0	ug/L
100-42-5	Styrene	3.00	UD	3.00	20.0	ug/L
75-25-2	Bromoform	3.80	UD	3.80	20.0	ug/L
98-82-8	Isopropylbenzene	71.4	D	2.40	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	5.20	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	3.80	UD	3.80	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	10.6	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	192000	8.229			
540-36-3	1,4-Difluorobenzene	386000	9.106			
3114-55-4	Chlorobenzene-d5	347000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	164000	13.788			

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

Report of Analysis

Client:	G Environmental			Date Collected:	06/18/25
Project:	Capra			Date Received:	06/18/25
Client Sample ID:	GCAP1WDL			SDG No.:	Q2363
Lab Sample ID:	Q2363-02DL			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087127.D	20		06/20/25 11:01	VN062025

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_N\Data\VN062025\
Data File : VN087127.D
Acq On : 20 Jun 2025 11:01
Operator : JC\MD
Sample : Q2363-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Quant Time: Jun 20 23:01:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

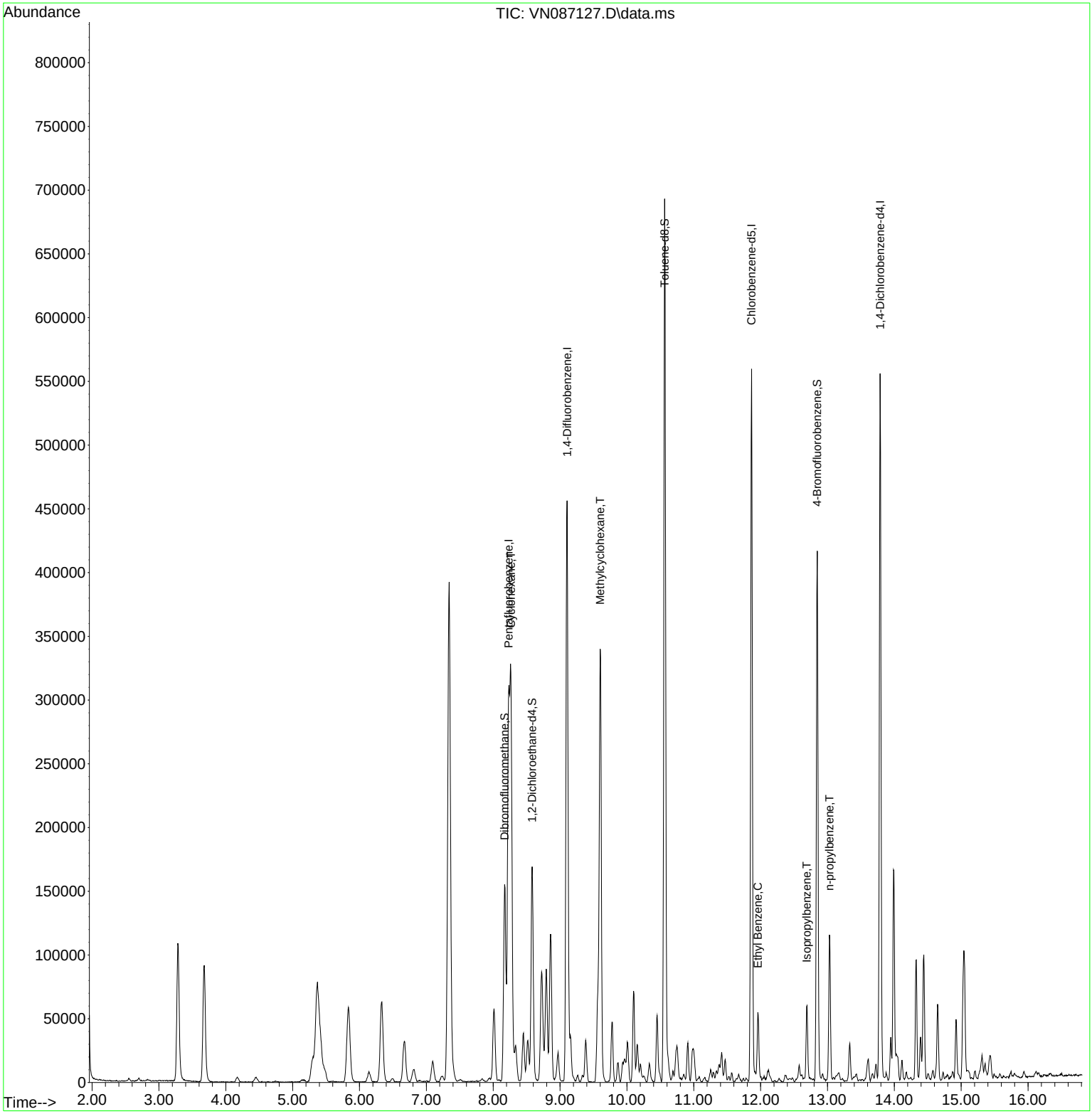
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	192434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	385508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140152	54.397	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.800%			
35) Dibromofluoromethane	8.171	113	119250	52.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	10.565	98	483437	53.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.900%			
62) 4-Bromofluorobenzene	12.847	95	167707	49.910	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.820%			
Target Compounds						Qvalue
31) Cyclohexane	8.265	56	189948	45.455	ug/l	94
39) Methylcyclohexane	9.600	83	166852	35.774	ug/l	95
67) Ethyl Benzene	11.959	91	32283	2.450	ug/l	98
73) Isopropylbenzene	12.688	105	42552	3.571	ug/l	99
78) n-propylbenzene	13.029	91	96400	6.658	ug/l	99

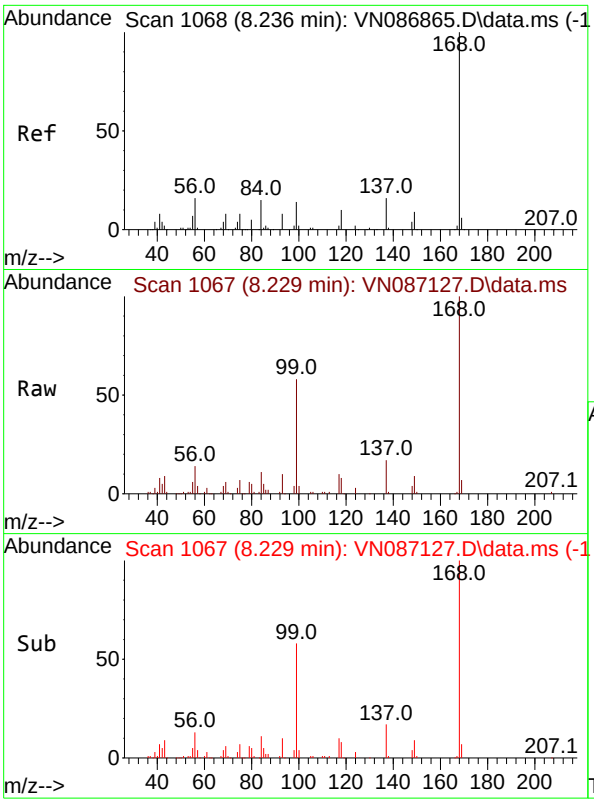
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087127.D
Acq On : 20 Jun 2025 11:01
Operator : JC\MD
Sample : Q2363-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Quant Time: Jun 20 23:01:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



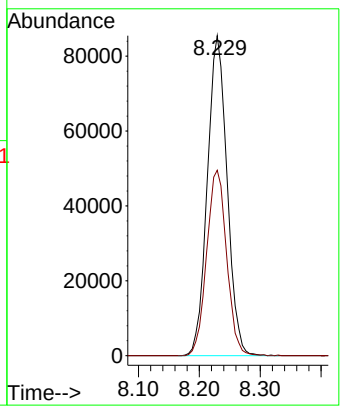


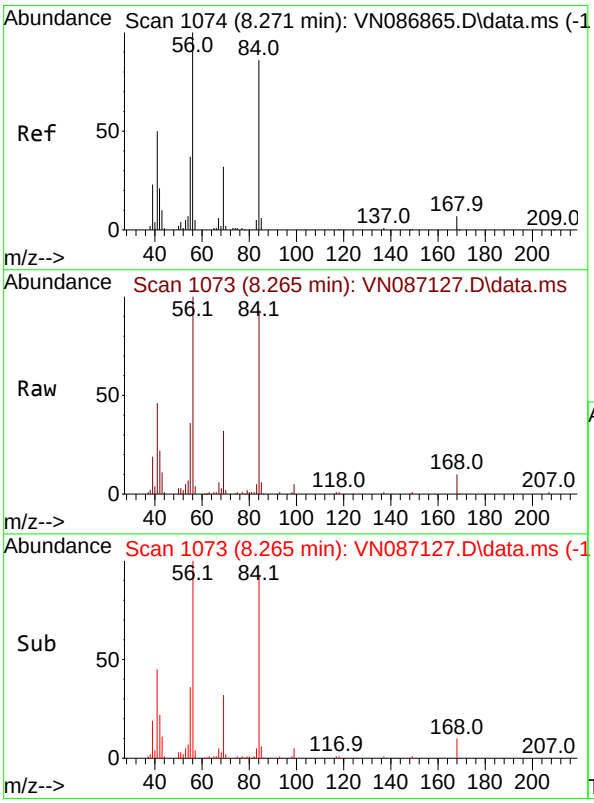
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:168 Resp: 192434

Ion	Ratio	Lower	Upper
168	100		
99	58.0	49.1	73.7

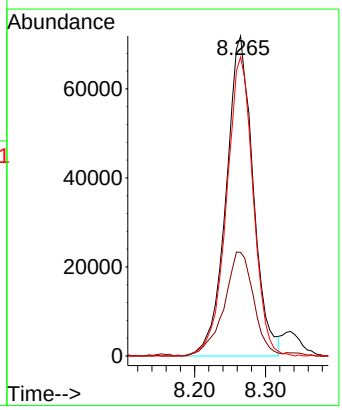


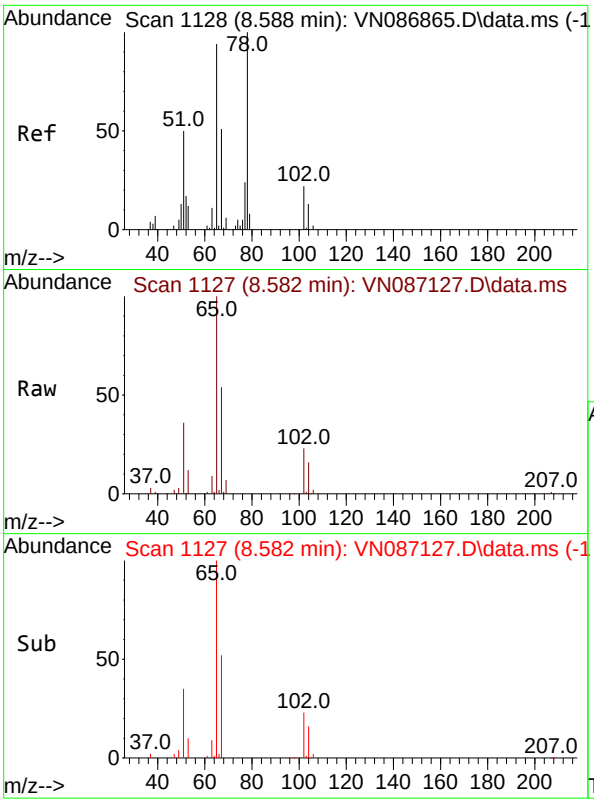


#31
Cyclohexane
Concen: 45.455 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 56 Resp: 189948

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.4	38.0
84	93.4	68.8	103.2



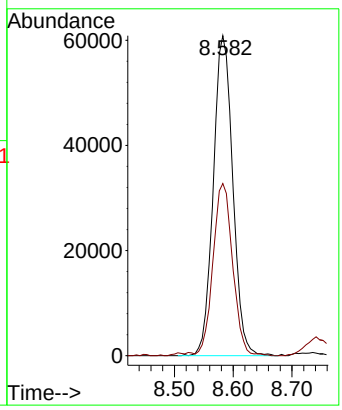


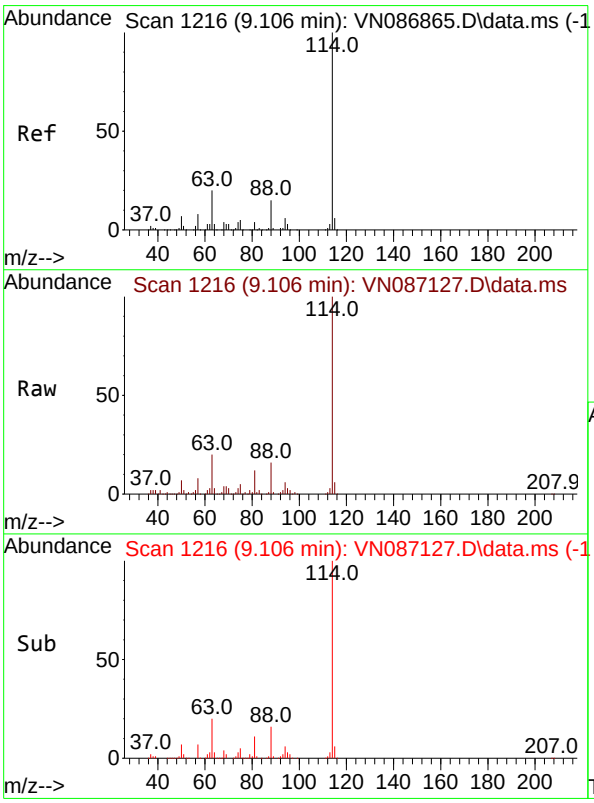
#33
1,2-Dichloroethane-d4
Concen: 54.397 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion: 65 Resp: 140152

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.6

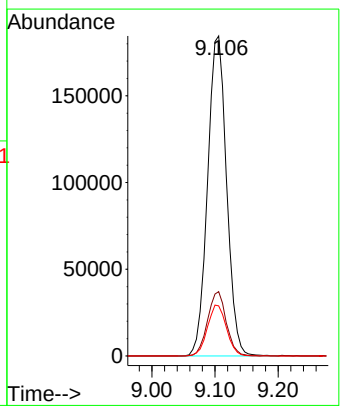


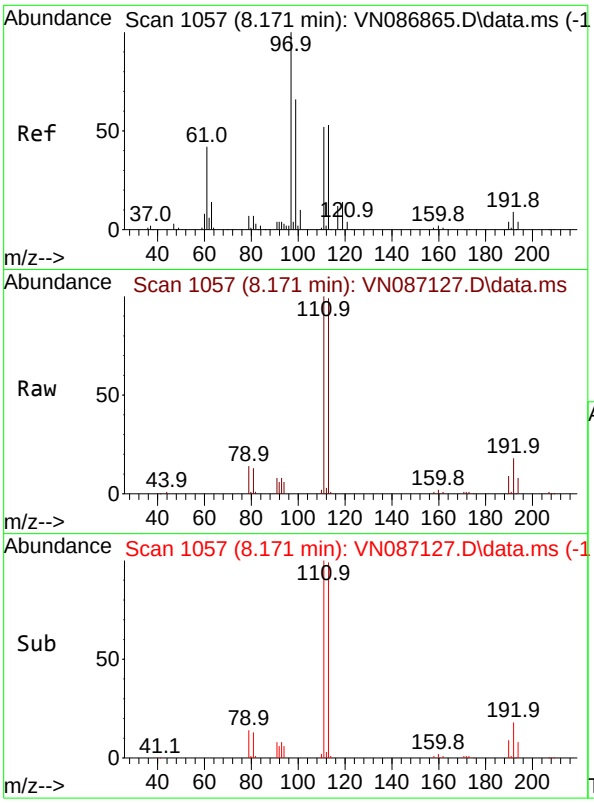


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion:114 Resp: 385508

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.7	0.0	30.2



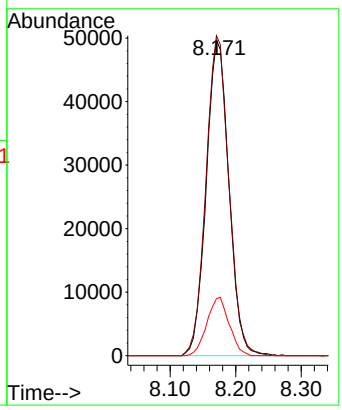


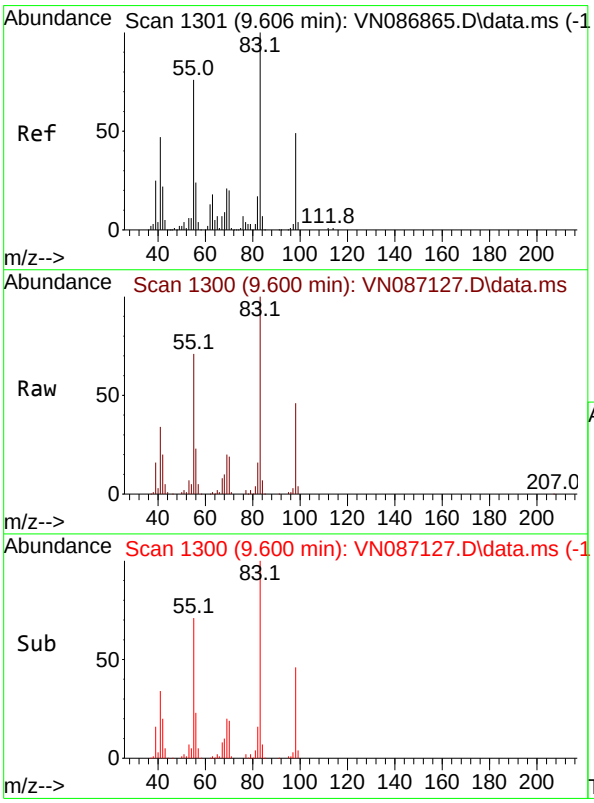
#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:113 Resp: 119250

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	18.2	14.2	21.4

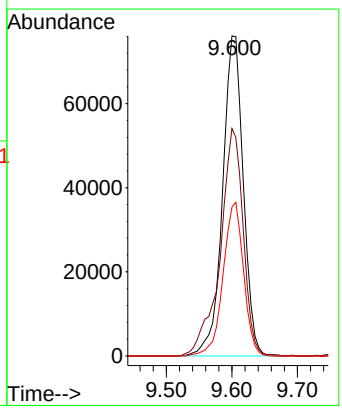


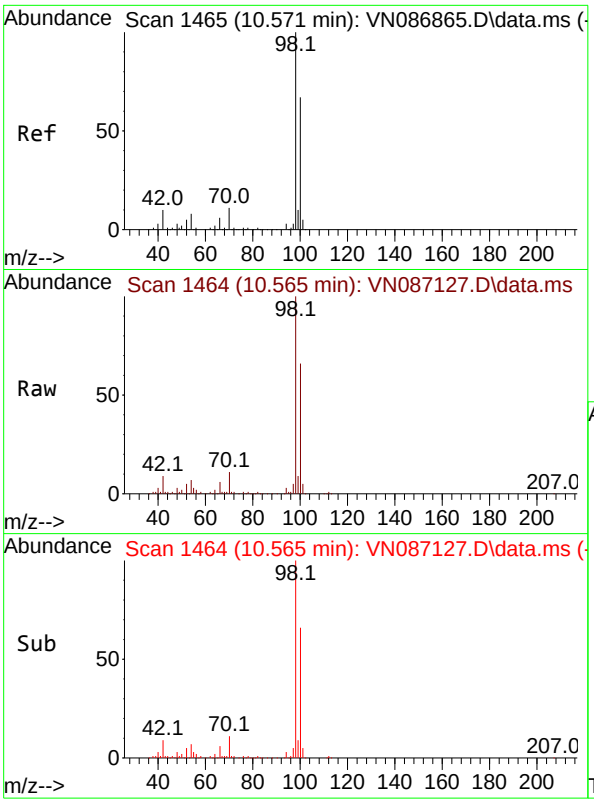


#39
Methylcyclohexane
Concen: 35.774 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 83 Resp: 166852

Ion	Ratio	Lower	Upper
83	100		
55	71.0	61.0	91.6
98	46.5	38.9	58.3



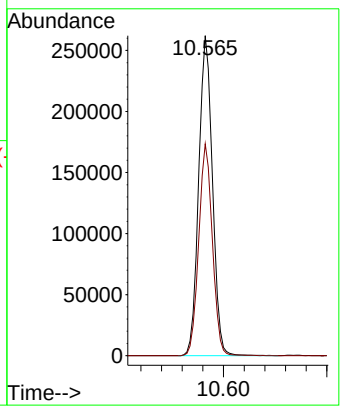


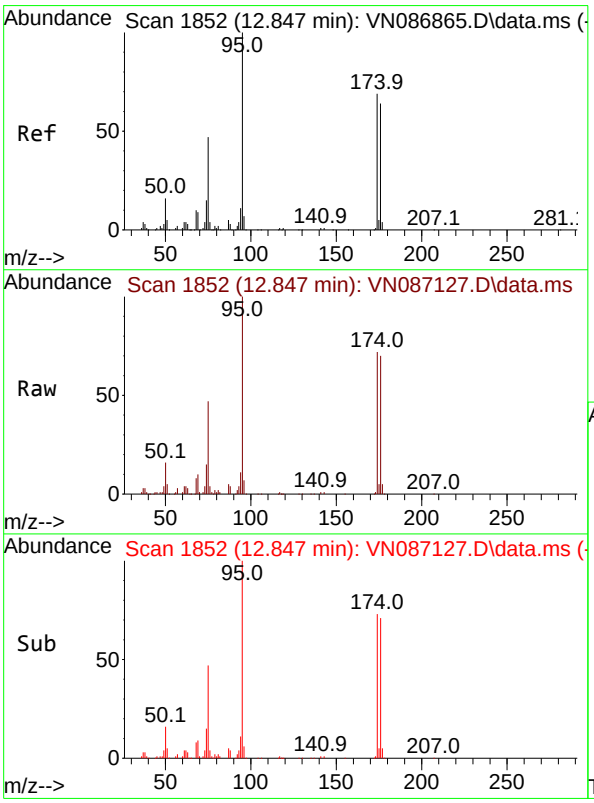
#50
Toluene-d8
Concen: 53.453 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion: 98 Resp: 483437

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0

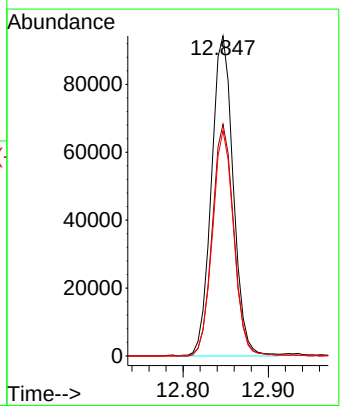


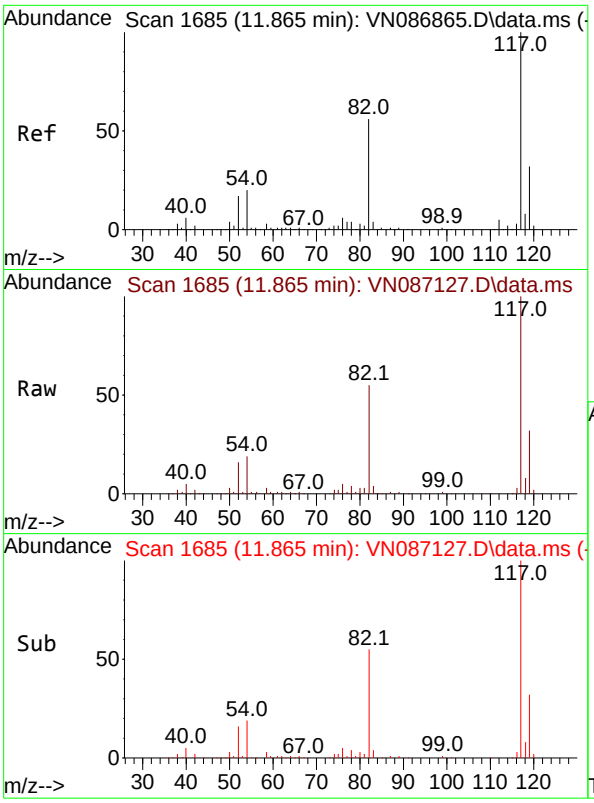


#62
4-Bromofluorobenzene
Concen: 49.910 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 95 Resp: 167707

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.8
176	68.7	0.0	132.6



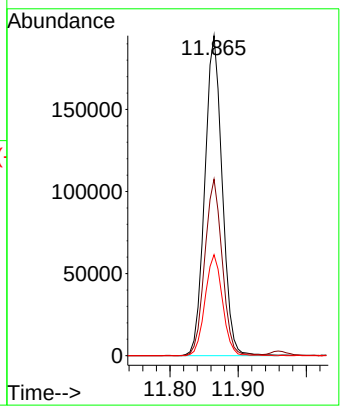


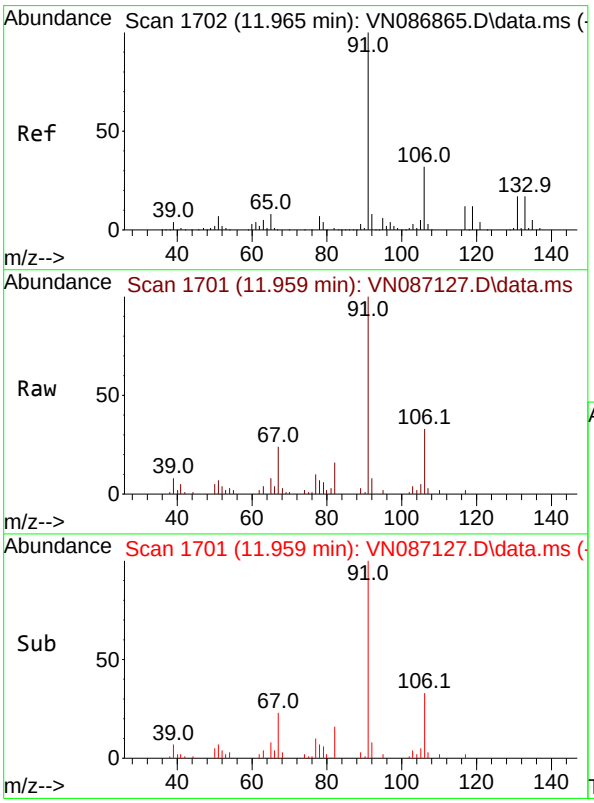
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:117 Resp: 346901

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	31.6	25.5	38.3

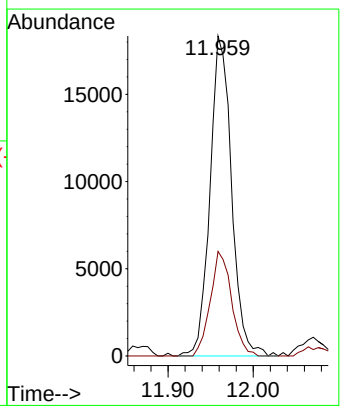


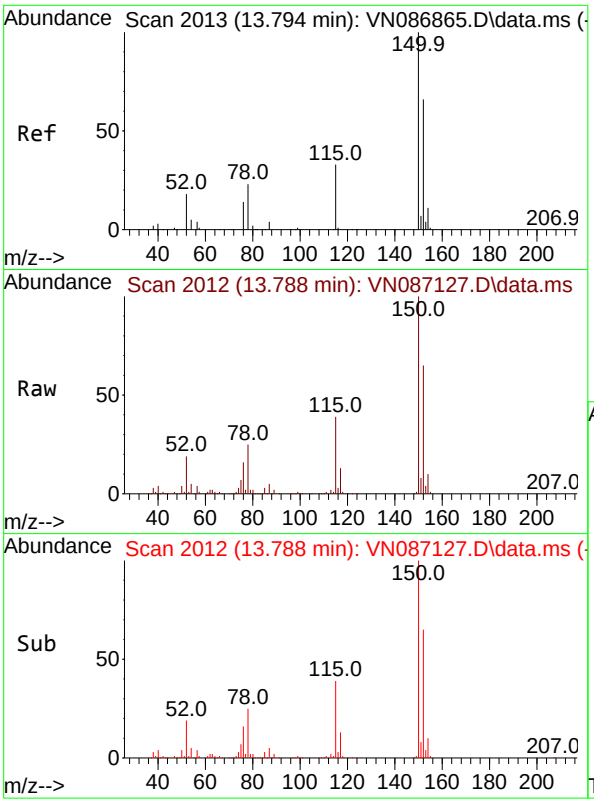


#67
Ethyl Benzene
Concen: 2.450 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 91 Resp: 32283

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.4	38.2



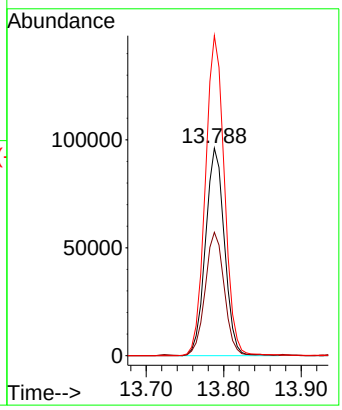


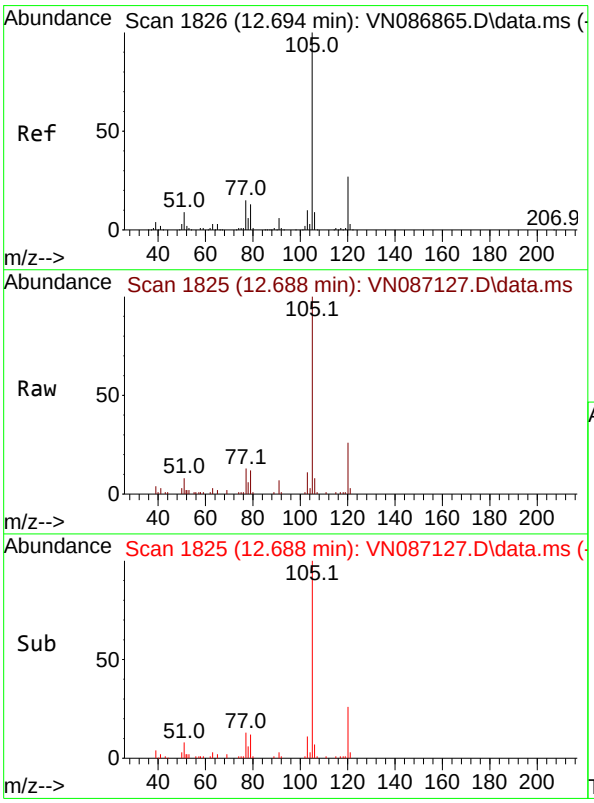
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:152 Resp: 163544

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	155.1	0.0	345.0

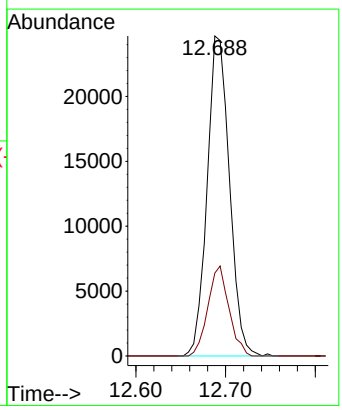


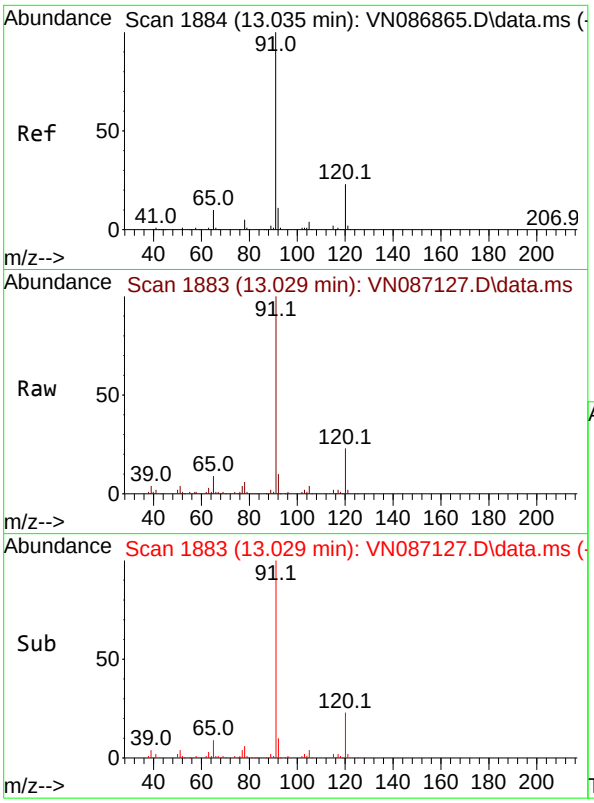


#73
Isopropylbenzene
Concen: 3.571 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion:105 Resp: 42552

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4



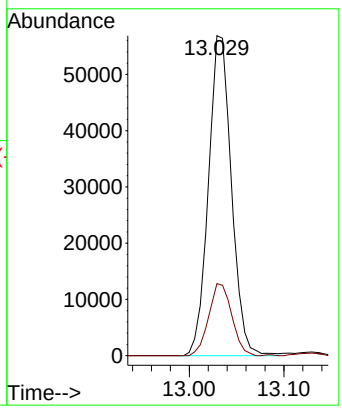


#78
n-propylbenzene
Concen: 6.658 ug/l
RT: 13.029 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion: 91 Resp: 96400

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.2



CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

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

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.5
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Trichlorofluoromethane	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.9
1,1,2-Trichlorotrifluoroethane	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.8
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.1
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Bromochloromethane	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.5
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.8
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	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.

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

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

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.2
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.2
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,3-Dichlorobenzene	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5
1,4-Dichlorobenzene	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.3
1,2-Dichlorobenzene	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.8
1,2-Dibromo-3-Chloropropane	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.3
1,2,4-Trichlorobenzene	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.8
1,2,3-Trichlorobenzene	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

* 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_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025
Response Via : Initial Calibration

Calibration Files
1 =VN086862.D 5 =VN086863.D 20 =VN086864.D 50 =VN086865.D 100 =VN086866.D 150 =VN086867.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.51
3)	P	Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.85
4)	C	Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.49#
5)	T	Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.57
6)	T	Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.37
7)	T	Trichlorofluor...	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.93
8)	T	Diethyl Ether	0.372	0.397	0.383	0.363	0.384	0.369	0.378	3.28
9)	T	1,1,2-Trichlor...	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.83
10)	T	Methyl Iodide		0.720	0.729	0.683	0.722	0.679	0.707	3.35
11)	T	Tert butyl alc...		0.192	0.194	0.176	0.180	0.166	0.182	6.37
12)	CM	1,1-Dichloroet...	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.44#
13)	T	Acrolein		0.073	0.051	0.045	0.052	0.066	0.057	20.26
14)	T	Allyl chloride	0.985	0.911	0.925	0.865	0.905	0.947	0.923	4.40
15)	T	Acrylonitrile	0.434	0.434	0.445	0.407	0.423	0.404	0.425	3.82
16)	T	Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.53
17)	T	Carbon Disulfide	1.718	1.621	1.542	1.426	1.496	1.433	1.539	7.38
18)	T	Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.10
19)	T	Methyl tert-bu...	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.69
20)	T	Methylene Chlo...	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.52
21)	T	trans-1,2-Dich...	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.25
22)	T	Diisopropyl ether	2.018	2.020	2.036	1.856	1.915	1.828	1.945	4.70
23)	T	Vinyl Acetate	1.743	1.692	1.715	1.591	1.604	1.517	1.644	5.29
24)	P	1,1-Dichloroet...	1.192	1.152	1.156	1.063	1.110	1.043	1.120	5.17
25)	T	2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.18
26)	T	2,2-Dichloropr...	0.967	0.796	0.778	0.905	0.912	0.868	0.871	8.32
27)	T	cis-1,2-Dichlo...	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.93
28)	T	Bromochloromet...	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.48
29)	T	Tetrahydrofuran	0.390	0.390	0.399	0.358	0.372	0.346	0.376	5.46
30)	C	Chloroform	1.235	1.151	1.145	1.061	1.085	1.030	1.118	6.66#
31)	T	Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.21
32)	T	1,1,1-Trichlor...	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.88
33)	S	1,2-Dichloroet...		0.732	0.707	0.500	0.656	0.751	0.669	15.08
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.303	0.310	0.219	0.298	0.351	0.296	16.15
36)	T	1,1-Dichloropr...	0.467	0.458	0.438	0.418	0.442	0.426	0.442	4.23
37)	T	Ethyl Acetate	0.544	0.615	0.577	0.536	0.565	0.535	0.562	5.48
38)	T	Carbon Tetrach...	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.88
39)	T	Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.75
40)	TM	Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.20
41)	T	Methacrylonitrile	0.356	0.319	0.318	0.303	0.299	0.299	0.316	6.84
42)	TM	1,2-Dichloroet...	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.60
43)	T	Isopropyl Acetate	0.975	0.950	0.906	0.852	0.884	0.845	0.902	5.79
44)	TM	Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.327	0.342	4.17
45)	C	1,2-Dichloropr...	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.40#
46)	T	Dibromomethane	0.233	0.242	0.241	0.221	0.237	0.226	0.233	3.54
47)	T	Bromodichlorom...	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.80
48)	T	Methyl methacr...	0.444	0.415	0.421	0.394	0.421	0.397	0.415	4.40
49)	T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.008	0.007	0.008	9.40
50)	S	Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.23
51)	T	4-Methyl-2-Pen...	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.64
52)	CM	Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.61#
53)	T	t-1,3-Dichloro...	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.59
54)	T	cis-1,3-Dichlo...	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.61
55)	T	1,1,2-Trichlor...	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.66
56)	T	Ethyl methacry...	0.433	0.516	0.567	0.556	0.595	0.578	0.541	10.92

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N060625W.M

57)	T	1,3-Dichloropr...	0.643	0.600	0.587	0.561	0.583	0.559	0.589	5.27
58)	T	2-Chloroethyl ...	0.278	0.305	0.334	0.274	0.340	0.405	0.323	15.07
59)	T	2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.36
60)	T	Dibromochlorom...	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.49
61)	T	1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.18
62)	S	4-Bromofluorob...		0.441	0.446	0.325	0.446	0.521	0.436	16.16
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.51
65)	PM	Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7.01
66)	T	1,1,1,2-Tetrac...	0.362	0.374	0.358	0.338	0.356	0.338	0.354	3.99
67)	C	Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.899	4.19#
68)	T	m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.82
69)	T	o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.42
70)	T	Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.51
71)	P	Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.09
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.21
74)	T	N-amyl acetate	1.376	1.110	1.187	1.266	1.372	1.327	1.273	8.42
75)	P	1,1,2,2-Tetrac...	1.292	1.299	1.273	1.178	1.205	1.157	1.234	4.99
76)	T	1,2,3-Trichlor...	1.297	1.189	1.129	1.173	1.201	1.142	1.189	5.03
77)	T	Bromobenzene	0.870	0.855	0.840	0.790	0.838	0.819	0.835	3.36
78)	T	n-propylbenzene	4.530	4.627	4.449	4.211	4.424	4.317	4.427	3.35
79)	T	2-Chlorotoluene	2.852	2.723	2.674	2.507	2.618	2.554	2.655	4.69
80)	T	1,3,5-Trimethy...	3.004	3.091	3.035	2.898	3.064	2.953	3.007	2.39
81)	T	trans-1,4-Dich...		0.510	0.522	0.476	0.546	0.528	0.516	5.06
82)	T	4-Chlorotoluene	2.899	2.757	2.671	2.531	2.664	2.595	2.686	4.81
83)	T	tert-Butylbenzene	2.942	2.810	2.736	2.617	2.745	2.668	2.753	4.14
84)	T	1,2,4-Trimethy...	2.952	3.122	3.063	2.914	3.075	2.968	3.016	2.73
85)	T	sec-Butylbenzene	4.114	4.126	4.037	3.829	4.018	3.861	3.998	3.15
86)	T	p-Isopropyltol...	3.305	3.425	3.321	3.184	3.366	3.227	3.305	2.68
87)	T	1,3-Dichlorobe...	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5.01
88)	T	1,4-Dichlorobe...	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.27
89)	T	n-Butylbenzene	3.473	3.292	3.140	3.059	3.188	3.054	3.201	4.99
90)	T	Hexachloroethane	0.580	0.537	0.569	0.537	0.577	0.562	0.560	3.43
91)	T	1,2-Dichlorobe...	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.77
92)	T	1,2-Dibromo-3-...	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.29
93)	T	1,2,4-Trichlor...	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.82
94)	T	Hexachlorobuta...	0.364	0.391	0.385	0.363	0.382	0.369	0.376	3.11
95)	T	Naphthalene	3.820	3.727	3.761	3.600	3.839	3.772	3.753	2.27
96)	T	1,2,3-Trichlor...	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4.05

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.235	168	212682	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.106	114	393457	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	348010	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167399	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.153	85	1985	0.936	ug/l		72
3) Chloromethane	2.400	50	3241	1.184	ug/l		98
4) Vinyl Chloride	2.559	62	2848	1.008	ug/l	#	88
6) Chloroethane	3.159	64	1957	1.073	ug/l	#	79
7) Trichlorofluoromethane	3.530	101	3752	1.017	ug/l		97
8) Diethyl Ether	3.994	74	1583	0.984	ug/l		76
9) 1,1,2-Trichlorotrifluo...	4.377	101	2358m	1.017	ug/l		
12) 1,1-Dichloroethene	4.365	96	2436	1.029	ug/l		85
14) Allyl chloride	5.041	41	4189	1.067	ug/l	#	75
15) Acrylonitrile	5.735	53	9222	5.106	ug/l		96
16) Acetone	4.459	43	9069	6.006	ug/l		95
17) Carbon Disulfide	4.730	76	7306	1.116	ug/l		97
18) Methyl Acetate	5.053	43	4402	1.000	ug/l	#	66
19) Methyl tert-butyl Ether	5.824	73	9019	1.052	ug/l		92
20) Methylene Chloride	5.294	84	3496	1.237	ug/l		93
21) trans-1,2-Dichloroethene	5.800	96	2979	1.131	ug/l		87
22) Diisopropyl ether	6.682	45	8584	1.037	ug/l	#	96
23) Vinyl Acetate	6.618	43	37075	5.303	ug/l		95
24) 1,1-Dichloroethane	6.588	63	5071	1.065	ug/l	#	81
25) 2-Butanone	7.500	43	12841	5.231	ug/l		93
26) 2,2-Dichloropropane	7.500	77	4112	1.110	ug/l		94
27) cis-1,2-Dichloroethene	7.494	96	3345	1.062	ug/l		95
28) Bromochloromethane	7.824	49	2464	1.052	ug/l	#	88
29) Tetrahydrofuran	7.853	42	8301	5.191	ug/l		100
30) Chloroform	7.971	83	5255	1.105	ug/l		97
32) 1,1,1-Trichloroethane	8.171	97	4378	1.082	ug/l	#	50
36) 1,1-Dichloropropene	8.376	75	3678	1.059	ug/l		96
37) Ethyl Acetate	7.577	43	4282	0.968	ug/l	#	78
38) Carbon Tetrachloride	8.376	117	3563	1.045	ug/l	#	93
39) Methylcyclohexane	9.606	83	4981	1.046	ug/l	#	90
40) Benzene	8.612	78	12498	1.100	ug/l		100
41) Methacrylonitrile	7.782	41	2799	1.127	ug/l		89
42) 1,2-Dichloroethane	8.682	62	3725	1.081	ug/l		82
43) Isopropyl Acetate	8.694	43	7673	1.081	ug/l	#	96
44) Trichloroethene	9.365	130	2822	1.047	ug/l		71
45) 1,2-Dichloropropane	9.629	63	2883	1.043	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	Dibromomethane	9.712	93	1835	0.999	ug/l		94
47)	Bromodichloromethane	9.888	83	4017	1.063	ug/l	#	96
48)	Methyl methacrylate	9.688	41	3492	1.069	ug/l		88
49)	1,4-Dioxane	9.706	88	1004	16.891	ug/l	#	74
51)	4-Methyl-2-Pentanone	10.453	43	19886	4.653	ug/l		99
52)	Toluene	10.635	92	7227	1.041	ug/l		95
53)	t-1,3-Dichloropropene	10.841	75	4494	1.064	ug/l		97
54)	cis-1,3-Dichloropropene	10.312	75	4792	1.060	ug/l		97
55)	1,1,2-Trichloroethane	11.023	97	2828	1.058	ug/l		89
56)	Ethyl methacrylate	10.882	69	3406	0.800	ug/l	#	85
57)	1,3-Dichloropropane	11.170	76	5062	1.092	ug/l		98
58)	2-Chloroethyl Vinyl ether	10.165	63	10924	4.304	ug/l		97
59)	2-Hexanone	11.235	43	12295m	4.466	ug/l		
60)	Dibromochloromethane	11.359	129	2843	1.021	ug/l		96
61)	1,2-Dibromoethane	11.470	107	2777	1.014	ug/l		96
64)	Tetrachloroethene	11.106	164	2473	1.123	ug/l		94
65)	Chlorobenzene	11.894	112	8581	1.118	ug/l	#	87
66)	1,1,1,2-Tetrachloroethane	11.959	131	2523	1.023	ug/l	#	63
67)	Ethyl Benzene	11.970	91	13845	1.047	ug/l		94
68)	m/p-Xylenes	12.070	106	10163	2.008	ug/l		95
69)	o-Xylene	12.400	106	4970	1.025	ug/l		93
70)	Styrene	12.417	104	8189	0.987	ug/l		98
71)	Bromoform	12.582	173	1508	0.825	ug/l	#	78
73)	Isopropylbenzene	12.694	105	12938	1.061	ug/l		98
74)	N-amyl acetate	12.647	43	4608m	1.138	ug/l		
75)	1,1,2,2-Tetrachloroethane	12.935	83	4326	1.047	ug/l	#	93
76)	1,2,3-Trichloropropane	13.000	75	4343m	1.088	ug/l		
77)	Bromobenzene	12.982	156	2913	1.042	ug/l		96
78)	n-propylbenzene	13.035	91	15168	1.023	ug/l		98
79)	2-Chlorotoluene	13.123	91	9550	1.074	ug/l		97
80)	1,3,5-Trimethylbenzene	13.170	105	10058	0.999	ug/l		96
82)	4-Chlorotoluene	13.223	91	9706	1.079	ug/l		96
83)	tert-Butylbenzene	13.435	119	9849	1.069	ug/l		98
84)	1,2,4-Trimethylbenzene	13.482	105	9882	0.979	ug/l		99
85)	sec-Butylbenzene	13.617	105	13775	1.029	ug/l		100
86)	p-Isopropyltoluene	13.729	119	11065	1.000	ug/l		97
87)	1,3-Dichlorobenzene	13.735	146	5903	1.073	ug/l		94
88)	1,4-Dichlorobenzene	13.811	146	6094m	1.086	ug/l		
89)	n-Butylbenzene	14.058	91	11627	1.085	ug/l		94
90)	Hexachloroethane	14.329	117	1942	1.036	ug/l		93
91)	1,2-Dichlorobenzene	14.106	146	5607	1.061	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.717	75	1136	1.150	ug/l		78
93)	1,2,4-Trichlorobenzene	15.388	180	3489	1.034	ug/l		98
94)	Hexachlorobutadiene	15.500	225	1219	0.969	ug/l		88
95)	Naphthalene	15.635	128	12789	1.018	ug/l		98
96)	1,2,3-Trichlorobenzene	15.835	180	3594	1.072	ug/l		96

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

ICAL Form

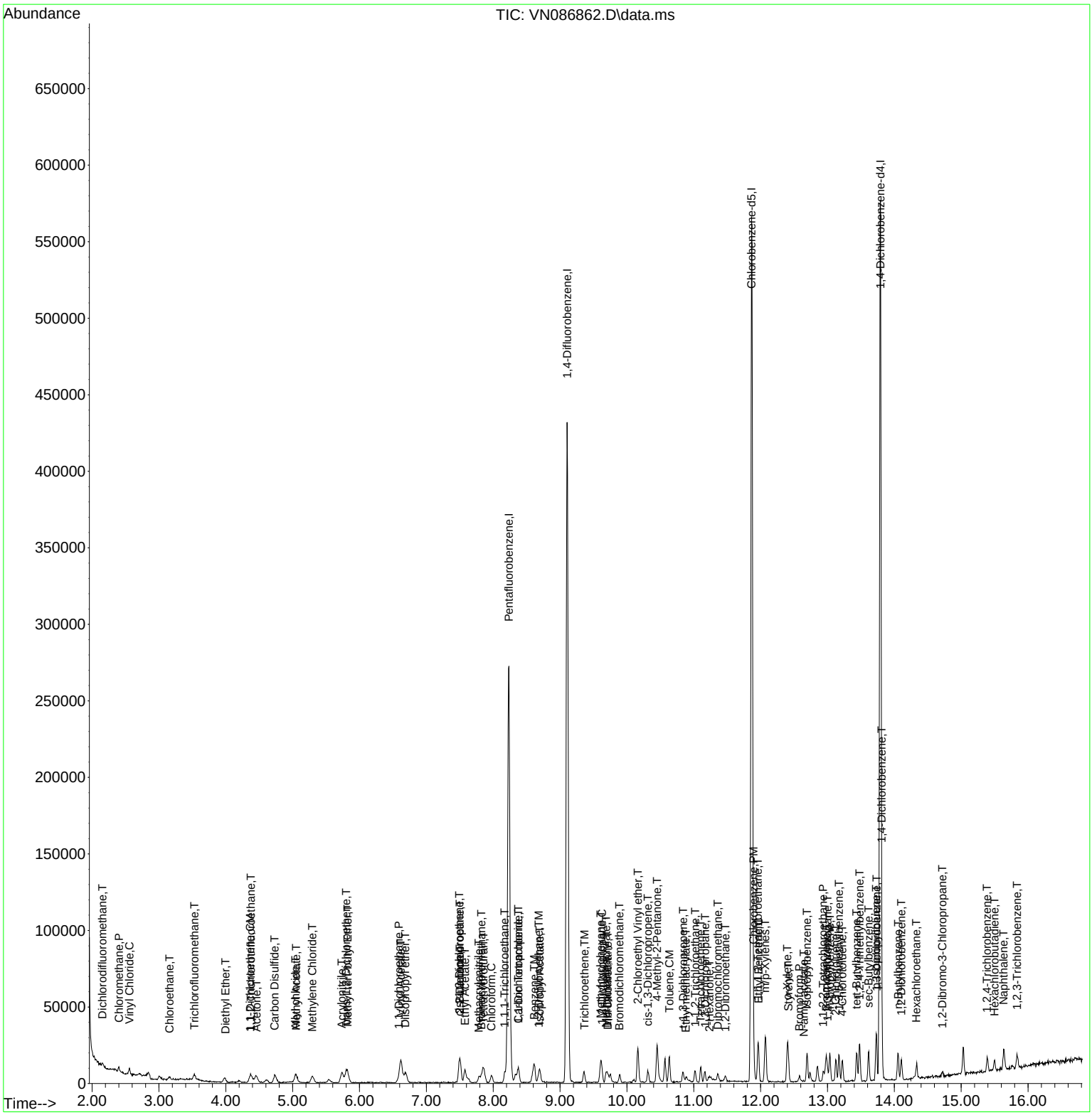
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	229701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	16818	5.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.940%#		
35) Dibromofluoromethane	8.177	113	12867	5.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	10.571	98	52794	5.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	12.847	95	18697	5.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.120%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	10196	4.452	ug/l	93
3) Chloromethane	2.395	50	15025	5.080	ug/l	98
4) Vinyl Chloride	2.554	62	15384	5.043	ug/l	97
5) Bromomethane	2.989	94	8606	5.041	ug/l	97
6) Chloroethane	3.154	64	10190	5.171	ug/l	96
7) Trichlorofluoromethane	3.518	101	20740	5.203	ug/l	99
8) Diethyl Ether	3.971	74	9121	5.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	13034	5.205	ug/l	97
10) Methyl Iodide	4.606	142	16530	5.092	ug/l	98
11) Tert butyl alcohol	5.542	59	22000	26.363	ug/l	99
12) 1,1-Dichloroethene	4.359	96	13610	5.323	ug/l	94
13) Acrolein	4.195	56	8401	31.804	ug/l	99
14) Allyl chloride	5.042	41	20925	4.935	ug/l	99
15) Acrylonitrile	5.736	53	49826	25.545	ug/l	99
16) Acetone	4.448	43	41981	25.741	ug/l	99
17) Carbon Disulfide	4.736	76	37246	5.267	ug/l	97
18) Methyl Acetate	5.048	43	24096	5.070	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	46823	5.058	ug/l	95
20) Methylene Chloride	5.300	84	15809	5.178	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	15480	5.442	ug/l #	81
22) Diisopropyl ether	6.689	45	46396	5.191	ug/l	99
23) Vinyl Acetate	6.618	43	194334	25.735	ug/l	100
24) 1,1-Dichloroethane	6.583	63	26473	5.147	ug/l	99
25) 2-Butanone	7.494	43	68629	25.888	ug/l	99
26) 2,2-Dichloropropane	7.500	77	18288	4.571	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	17594	5.172	ug/l	98
28) Bromochloromethane	7.830	49	12958	5.124	ug/l #	97
29) Tetrahydrofuran	7.853	42	44749	25.912	ug/l	98
30) Chloroform	7.977	83	26450	5.149	ug/l	95
31) Cyclohexane	8.271	56	29938	6.002	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	22857	5.232	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	19410	5.184	ug/l	98
37) Ethyl Acetate	7.571	43	26073	5.470	ug/l	97
38) Carbon Tetrachloride	8.371	117	19056	5.184	ug/l	99
39) Methylcyclohexane	9.606	83	27353	5.333	ug/l	95
40) Benzene	8.612	78	63646	5.199	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	13518	5.050	ug/l		99
42) 1,2-Dichloroethane	8.683	62	19329	5.205	ug/l		98
43) Isopropyl Acetate	8.700	43	40268	5.264	ug/l		98
44) Trichloroethene	9.359	130	15245	5.251	ug/l		96
45) 1,2-Dichloropropane	9.624	63	15632	5.248	ug/l		99
46) Dibromomethane	9.718	93	10241	5.176	ug/l		99
47) Bromodichloromethane	9.888	83	20512	5.039	ug/l		97
48) Methyl methacrylate	9.688	41	17591	4.996	ug/l		94
49) 1,4-Dioxane	9.700	88	6141	95.874	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	116434	25.283	ug/l		97
52) Toluene	10.630	92	38744	5.178	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	22285	4.896	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	24477	5.026	ug/l		93
55) 1,1,2-Trichloroethane	11.018	97	15068	5.234	ug/l		97
56) Ethyl methacrylate	10.888	69	21893	4.774	ug/l		95
57) 1,3-Dichloropropane	11.165	76	25452	5.096	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	64722	23.664	ug/l		98
59) 2-Hexanone	11.212	43	59884	20.188	ug/l		99
60) Dibromochloromethane	11.359	129	14884	4.962	ug/l		98
61) 1,2-Dibromoethane	11.471	107	15172	5.141	ug/l		99
64) Tetrachloroethene	11.106	164	12322	5.236	ug/l		92
65) Chlorobenzene	11.894	112	42195	5.145	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	13897	5.271	ug/l		97
67) Ethyl Benzene	11.965	91	73443	5.199	ug/l		97
68) m/p-Xylenes	12.071	106	55859	10.330	ug/l		100
69) o-Xylene	12.400	106	26004	5.021	ug/l		96
70) Styrene	12.412	104	44380	5.008	ug/l		98
71) Bromoform	12.582	173	9890	5.063	ug/l	#	96
73) Isopropylbenzene	12.694	105	67878	5.146	ug/l		100
74) N-amyl acetate	12.559	43	20096m	4.590	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	23516	5.262	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	21527m	4.986	ug/l		
77) Bromobenzene	12.976	156	15485	5.119	ug/l		92
78) n-propylbenzene	13.035	91	83781	5.226	ug/l		99
79) 2-Chlorotoluene	13.124	91	49297	5.128	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	55961	5.139	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	9234	4.939	ug/l		94
82) 4-Chlorotoluene	13.223	91	49924	5.132	ug/l		100
83) tert-Butylbenzene	13.435	119	50874	5.103	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	56525	5.176	ug/l		100
85) sec-Butylbenzene	13.618	105	74711	5.161	ug/l		99
86) p-Isopropyltoluene	13.729	119	62016	5.182	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	30949	5.200	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	32342	5.330	ug/l		96
89) n-Butylbenzene	14.053	91	59601	5.142	ug/l		99
90) Hexachloroethane	14.335	117	9725	4.794	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	29897	5.228	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5731	5.363	ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	18778	5.143	ug/l		99
94) Hexachlorobutadiene	15.500	225	7072	5.199	ug/l		99
95) Naphthalene	15.641	128	67481	4.965	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	18262	5.034	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

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

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

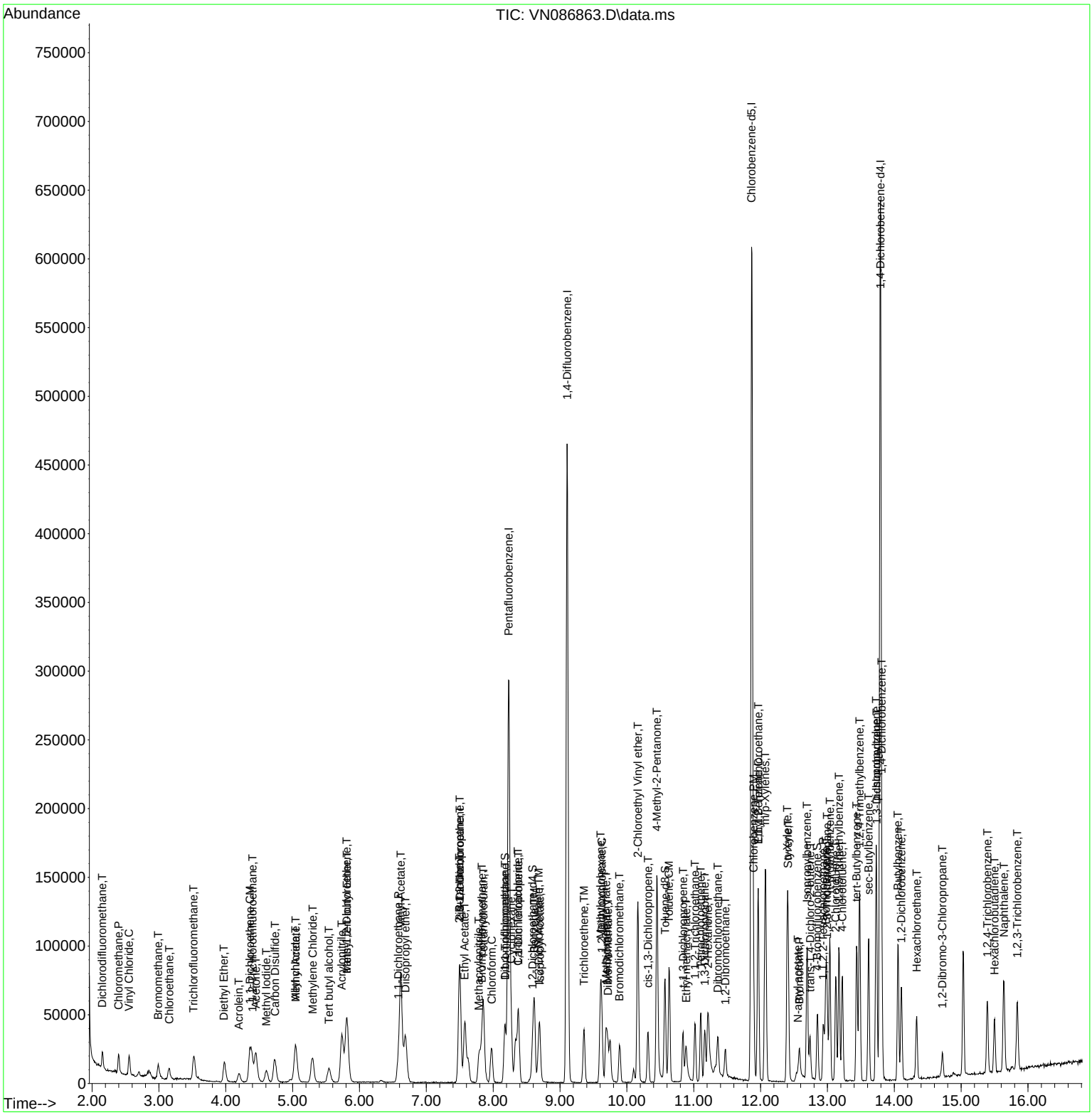
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	224006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	63390	21.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.280%#		
35) Dibromofluoromethane	8.177	113	51797	20.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.800%#		
50) Toluene-d8	10.571	98	201268	20.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.040%#		
62) 4-Bromofluorobenzene	12.853	95	74622	20.474	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	48254	21.605	ug/l	92
3) Chloromethane	2.401	50	57778	20.033	ug/l	93
4) Vinyl Chloride	2.559	62	61254	20.589	ug/l	99
5) Bromomethane	3.006	94	34022	20.435	ug/l	95
6) Chloroethane	3.159	64	39625	20.619	ug/l	99
7) Trichlorofluoromethane	3.524	101	80978	20.832	ug/l	94
8) Diethyl Ether	3.983	74	34288	20.245	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	50458	20.661	ug/l	98
10) Methyl Iodide	4.612	142	65360	20.646	ug/l	98
11) Tert butyl alcohol	5.547	59	87102	107.031	ug/l	99
12) 1,1-Dichloroethene	4.359	96	50485	20.249	ug/l	96
13) Acrolein	4.200	56	22866	88.767	ug/l	97
14) Allyl chloride	5.047	41	82924	20.055	ug/l	98
15) Acrylonitrile	5.742	53	199498	104.881	ug/l	99
16) Acetone	4.447	43	163979	103.099	ug/l	98
17) Carbon Disulfide	4.736	76	138195	20.038	ug/l	97
18) Methyl Acetate	5.047	43	96547	20.830	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	183780	20.358	ug/l	98
20) Methylene Chloride	5.294	84	57611	19.348	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	55643	20.059	ug/l	94
22) Diisopropyl ether	6.689	45	182472	20.935	ug/l	98
23) Vinyl Acetate	6.624	43	768556	104.365	ug/l	99
24) 1,1-Dichloroethane	6.583	63	103578	20.650	ug/l	99
25) 2-Butanone	7.494	43	270477	104.621	ug/l	100
26) 2,2-Dichloropropane	7.506	77	69692	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	68292	20.585	ug/l	98
28) Bromochloromethane	7.824	49	55196	22.381	ug/l	99
29) Tetrahydrofuran	7.853	42	178571	106.031	ug/l	99
30) Chloroform	7.977	83	102615	20.485	ug/l	93
31) Cyclohexane	8.271	56	100026	20.563	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	86810	20.376	ug/l	98
36) 1,1-Dichloropropene	8.383	75	73252	19.838	ug/l	100
37) Ethyl Acetate	7.571	43	96467	20.522	ug/l	98
38) Carbon Tetrachloride	8.377	117	72628	20.034	ug/l	97
39) Methylcyclohexane	9.606	83	98425	19.455	ug/l	99
40) Benzene	8.612	78	241444	19.996	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	53244	20.169	ug/l		98
42) 1,2-Dichloroethane	8.677	62	74238	20.270	ug/l		100
43) Isopropyl Acetate	8.694	43	151601	20.094	ug/l		99
44) Trichloroethene	9.359	130	57110	19.946	ug/l		96
45) 1,2-Dichloropropane	9.630	63	59293	20.184	ug/l		97
46) Dibromomethane	9.712	93	40290	20.648	ug/l		98
47) Bromodichloromethane	9.894	83	80353	20.015	ug/l		98
48) Methyl methacrylate	9.682	41	70457	20.290	ug/l		97
49) 1,4-Dioxane	9.706	88	28231	446.886	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	481741	106.066	ug/l		99
52) Toluene	10.635	92	148000	20.056	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	87683	19.532	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	94315	19.636	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	57195	20.143	ug/l		99
56) Ethyl methacrylate	10.882	69	94829	20.968	ug/l		98
57) 1,3-Dichloropropane	11.165	76	98205	19.938	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	278986	103.426	ug/l		99
59) 2-Hexanone	11.206	43	303686	103.803	ug/l		95
60) Dibromochloromethane	11.359	129	59961	20.268	ug/l		99
61) 1,2-Dibromoethane	11.471	107	59139	20.320	ug/l		97
64) Tetrachloroethene	11.106	164	45374	19.742	ug/l		96
65) Chlorobenzene	11.894	112	160803	20.076	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	52069	20.223	ug/l		99
67) Ethyl Benzene	11.965	91	277087	20.083	ug/l		98
68) m/p-Xylenes	12.071	106	215378	40.780	ug/l		100
69) o-Xylene	12.400	106	102050	20.175	ug/l		98
70) Styrene	12.412	104	178061	20.572	ug/l		99
71) Bromoform	12.576	173	40070	21.004	ug/l	#	99
73) Isopropylbenzene	12.694	105	264442	20.035	ug/l		100
74) N-amyl acetate	12.523	43	86003	19.633	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92264	20.634	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	81846m	18.945	ug/l		
77) Bromobenzene	12.982	156	60877	20.111	ug/l		98
78) n-propylbenzene	13.035	91	322436	20.102	ug/l		100
79) 2-Chlorotoluene	13.123	91	193774	20.144	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	219937	20.183	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	37808	20.209	ug/l		92
82) 4-Chlorotoluene	13.223	91	193544	19.885	ug/l		99
83) tert-Butylbenzene	13.435	119	198303	19.880	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	221990	20.315	ug/l		100
85) sec-Butylbenzene	13.617	105	292563	20.196	ug/l		100
86) p-Isopropyltoluene	13.729	119	240682	20.099	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	120099	20.166	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	120102	19.780	ug/l		97
89) n-Butylbenzene	14.053	91	227536	19.617	ug/l		100
90) Hexachloroethane	14.335	117	41202	20.299	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	115645	20.212	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21025	19.661	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	71826	19.659	ug/l		98
94) Hexachlorobutadiene	15.500	225	27887	20.486	ug/l		97
95) Naphthalene	15.641	128	272584	20.043	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	71929	19.815	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 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

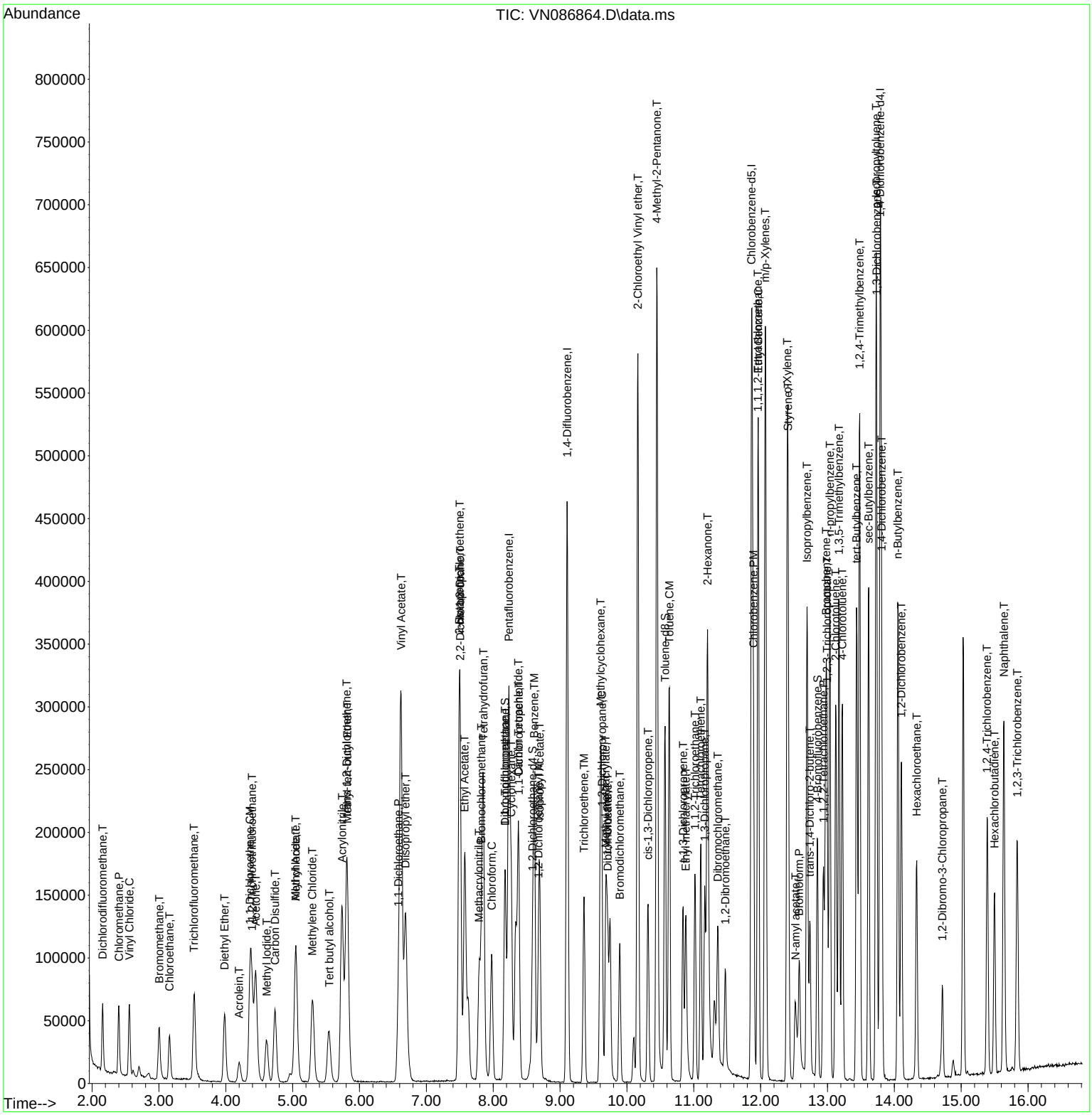
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	207354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	103736	37.366	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 74.740%			
35) Dibromofluoromethane	8.171	113	83058	37.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.040%#			
50) Toluene-d8	10.571	98	326105	36.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 73.440%#			
62) 4-Bromofluorobenzene	12.847	95	122965	37.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 74.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	103958	50.283	ug/l	100
3) Chloromethane	2.395	50	123866	46.397	ug/l	100
4) Vinyl Chloride	2.554	62	132783	48.215	ug/l	100
5) Bromomethane	2.995	94	73974	47.999	ug/l	100
6) Chloroethane	3.154	64	84505	47.504	ug/l	100
7) Trichlorofluoromethane	3.524	101	172860	48.041	ug/l	100
8) Diethyl Ether	3.983	74	75193	47.963	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	107695	47.640	ug/l	100
10) Methyl Iodide	4.606	142	141678	48.346	ug/l	100
11) Tert butyl alcohol	5.548	59	182315	242.020	ug/l	100
12) 1,1-Dichloroethene	4.359	96	110549	47.900	ug/l	100
13) Acrolein	4.201	56	47026	197.217	ug/l	100
14) Allyl chloride	5.042	41	179313	46.848	ug/l	100
15) Acrylonitrile	5.742	53	421941	239.638	ug/l	100
16) Acetone	4.448	43	333857	226.765	ug/l	100
17) Carbon Disulfide	4.730	76	295753	46.328	ug/l	100
18) Methyl Acetate	5.042	43	204538	47.673	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	400775	47.960	ug/l	100
20) Methylene Chloride	5.295	84	125498	45.531	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	117660	45.822	ug/l	100
22) Diisopropyl ether	6.689	45	384939	47.711	ug/l	100
23) Vinyl Acetate	6.618	43	1649023	241.910	ug/l	100
24) 1,1-Dichloroethane	6.583	63	220477	47.485	ug/l	100
25) 2-Butanone	7.494	43	571221	238.693	ug/l	100
26) 2,2-Dichloropropane	7.500	77	187567	51.933	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	144911	47.189	ug/l	100
28) Bromochloromethane	7.824	49	96707	42.362	ug/l	100
29) Tetrahydrofuran	7.853	42	371357	238.210	ug/l	100
30) Chloroform	7.977	83	220093	47.467	ug/l	100
31) Cyclohexane	8.271	56	208105	46.217	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	185502	47.037	ug/l	100
36) 1,1-Dichloropropene	8.377	75	158341	47.362	ug/l	100
37) Ethyl Acetate	7.577	43	203091	47.720	ug/l	100
38) Carbon Tetrachloride	8.371	117	154677	47.126	ug/l	100
39) Methylcyclohexane	9.606	83	215849	47.126	ug/l	100
40) Benzene	8.612	78	509334	46.590	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	114727	48.000	ug/l		100
42) 1,2-Dichloroethane	8.677	62	155713	46.960	ug/l		100
43) Isopropyl Acetate	8.694	43	322741	47.248	ug/l		100
44) Trichloroethene	9.359	130	123847	47.776	ug/l		100
45) 1,2-Dichloropropane	9.630	63	125673	47.251	ug/l		100
46) Dibromomethane	9.718	93	83811	47.442	ug/l		100
47) Bromodichloromethane	9.894	83	173200	47.651	ug/l		100
48) Methyl methacrylate	9.683	41	149019	47.399	ug/l		100
49) 1,4-Dioxane	9.700	88	59060	1032.607	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	1017688	247.484	ug/l		100
52) Toluene	10.635	92	316219	47.331	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	197475	48.587	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	208523	47.950	ug/l		100
55) 1,1,2-Trichloroethane	11.018	97	121969	47.445	ug/l		100
56) Ethyl methacrylate	10.882	69	210467	51.401	ug/l		100
57) 1,3-Dichloropropane	11.165	76	212243	47.593	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	519139	212.570	ug/l		100
59) 2-Hexanone	11.200	43	696567	262.977	ug/l		100
60) Dibromochloromethane	11.359	129	128715	48.056	ug/l		100
61) 1,2-Dibromoethane	11.471	107	124522	47.258	ug/l		100
64) Tetrachloroethene	11.106	164	97679	46.382	ug/l		100
65) Chlorobenzene	11.894	112	340439	46.386	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112333	47.615	ug/l		100
67) Ethyl Benzene	11.965	91	597593	47.271	ug/l		100
68) m/p-Xylenes	12.071	106	466620	96.424	ug/l		100
69) o-Xylene	12.400	106	224299	48.395	ug/l		100
70) Styrene	12.412	104	386596	48.745	ug/l		100
71) Bromoform	12.582	173	88127	50.415	ug/l	#	100
73) Isopropylbenzene	12.694	105	573905	47.023	ug/l		100
74) N-amyl acetate	12.512	43	212064	52.353	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.941	83	197360	47.732	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	196473m	49.183	ug/l		
77) Bromobenzene	12.982	156	132381	47.296	ug/l		100
78) n-propylbenzene	13.035	91	705524	47.567	ug/l		100
79) 2-Chlorotoluene	13.124	91	419986	47.216	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	485499	48.181	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	79732	46.089	ug/l		100
82) 4-Chlorotoluene	13.224	91	424066	47.117	ug/l		100
83) tert-Butylbenzene	13.435	119	438417	47.531	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	488189	48.314	ug/l		100
85) sec-Butylbenzene	13.618	105	641523	47.893	ug/l		100
86) p-Isopropyltoluene	13.729	119	533366	48.169	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	260310	47.269	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	263358	46.907	ug/l		100
89) n-Butylbenzene	14.053	91	512519	47.787	ug/l		100
90) Hexachloroethane	14.335	117	89896	47.896	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	251235	47.486	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	45535	46.049	ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	162374	48.061	ug/l		100
94) Hexachlorobutadiene	15.500	225	60866	48.356	ug/l		100
95) Naphthalene	15.641	128	603088	47.958	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	159113	47.402	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

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

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

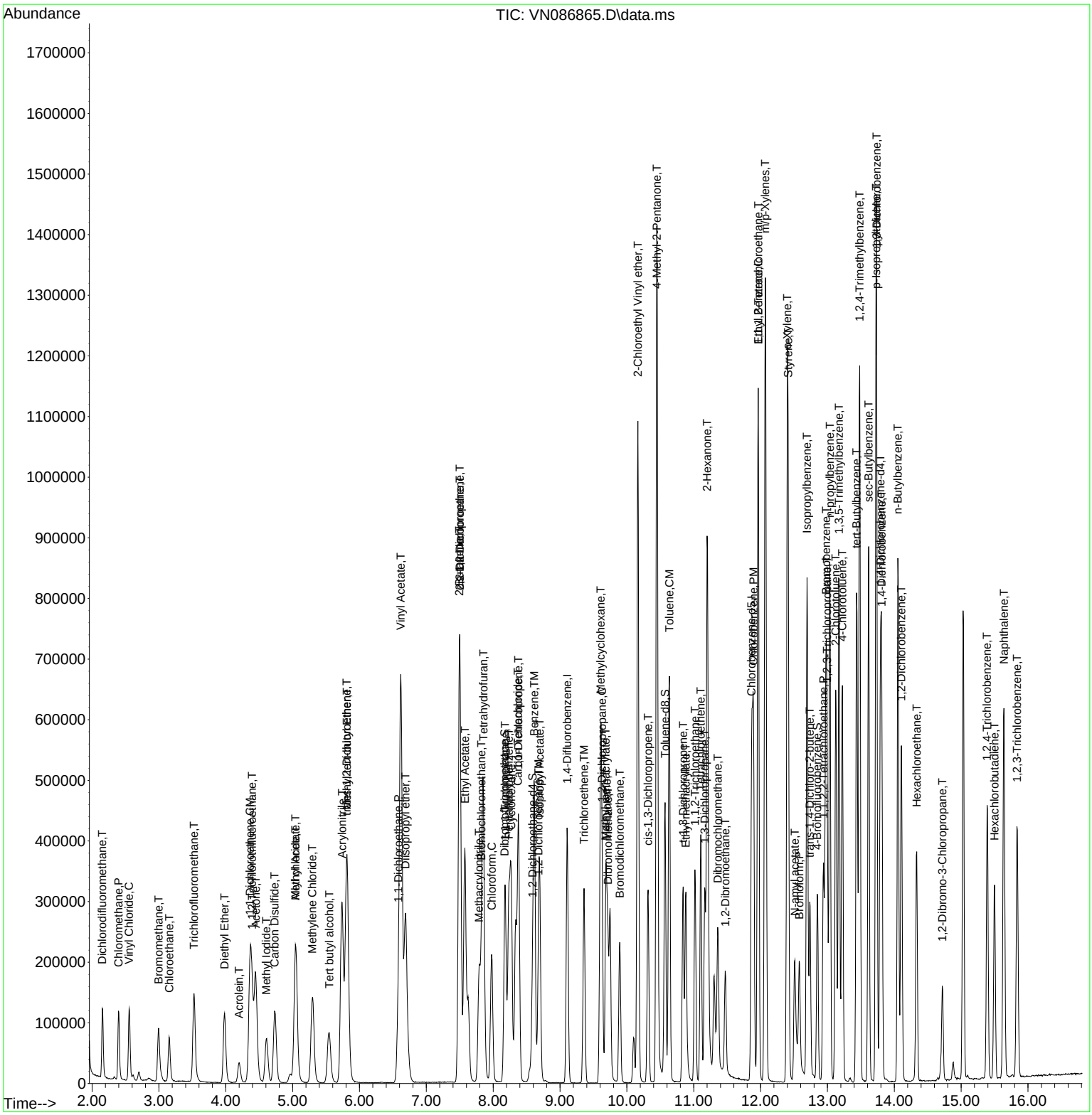
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	181996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238957	98.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.120%#			
35) Dibromofluoromethane	8.177	113	195212	100.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.980%#			
50) Toluene-d8	10.570	98	772210	100.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.840%#			
62) 4-Bromofluorobenzene	12.847	95	292385	102.339	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.680%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	194799	107.350	ug/l	100
3) Chloromethane	2.395	50	224558	95.833	ug/l	98
4) Vinyl Chloride	2.553	62	245135	101.414	ug/l	98
5) Bromomethane	2.977	94	137967	101.996	ug/l	99
6) Chloroethane	3.147	64	152150	97.447	ug/l	97
7) Trichlorofluoromethane	3.524	101	312394	98.917	ug/l	99
8) Diethyl Ether	3.983	74	139844	101.631	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	198739	100.163	ug/l	99
10) Methyl Iodide	4.612	142	262771	102.162	ug/l	99
11) Tert butyl alcohol	5.547	59	327987	496.062	ug/l	99
12) 1,1-Dichloroethene	4.359	96	200212	98.838	ug/l	99
13) Acrolein	4.200	56	94171	449.961	ug/l	98
14) Allyl chloride	5.047	41	329412	98.055	ug/l	99
15) Acrylonitrile	5.735	53	770470	498.552	ug/l	99
16) Acetone	4.447	43	608178	470.648	ug/l	98
17) Carbon Disulfide	4.736	76	544511	97.179	ug/l	100
18) Methyl Acetate	5.047	43	381808	101.390	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	735694	100.306	ug/l	100
20) Methylene Chloride	5.294	84	228800	94.575	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	215177	95.476	ug/l	99
22) Diisopropyl ether	6.688	45	696881	98.409	ug/l	98
23) Vinyl Acetate	6.618	43	2919350	487.936	ug/l	100
24) 1,1-Dichloroethane	6.588	63	404207	99.186	ug/l	99
25) 2-Butanone	7.494	43	1043385	496.743	ug/l	100
26) 2,2-Dichloropropane	7.500	77	331995	104.729	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	265248	98.410	ug/l	99
28) Bromochloromethane	7.824	49	188050	93.851	ug/l	99
29) Tetrahydrofuran	7.847	42	677636	495.240	ug/l	99
30) Chloroform	7.977	83	394927	97.040	ug/l	99
31) Cyclohexane	8.265	56	374933	94.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336819	97.306	ug/l	99
36) 1,1-Dichloropropene	8.382	75	289907	100.156	ug/l	99
37) Ethyl Acetate	7.571	43	370652	100.591	ug/l	99
38) Carbon Tetrachloride	8.371	117	285325	100.404	ug/l	98
39) Methylcyclohexane	9.606	83	395603	99.758	ug/l	99
40) Benzene	8.612	78	927083	97.946	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.794	41	195946	94.688	ug/l		95
42) 1,2-Dichloroethane	8.676	62	282015	98.232	ug/l		100
43) Isopropyl Acetate	8.694	43	579464	97.981	ug/l		99
44) Trichloroethene	9.359	130	222822	99.280	ug/l		97
45) 1,2-Dichloropropane	9.629	63	230454	100.077	ug/l		98
46) Dibromomethane	9.712	93	155530	101.685	ug/l		99
47) Bromodichloromethane	9.894	83	316375	100.533	ug/l		100
48) Methyl methacrylate	9.682	41	275710	101.288	ug/l		99
49) 1,4-Dioxane	9.706	88	104771	2115.744	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1843274	517.729	ug/l		99
52) Toluene	10.635	92	578978	100.092	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	359200	102.077	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	383030	101.730	ug/l		99
55) 1,1,2-Trichloroethane	11.017	97	219922	98.808	ug/l		98
56) Ethyl methacrylate	10.882	69	389802	109.955	ug/l		99
57) 1,3-Dichloropropane	11.165	76	382510	99.069	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	1113523	526.621	ug/l		100
59) 2-Hexanone	11.200	43	1301539	567.535	ug/l		99
60) Dibromochloromethane	11.359	129	237965	102.616	ug/l		100
61) 1,2-Dibromoethane	11.470	107	232214	101.787	ug/l		98
64) Tetrachloroethene	11.106	164	181568	98.824	ug/l		94
65) Chlorobenzene	11.894	112	632563	98.793	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	206895	100.521	ug/l		100
67) Ethyl Benzene	11.964	91	1110803	100.717	ug/l		99
68) m/p-Xylenes	12.070	106	854557	202.411	ug/l		99
69) o-Xylene	12.400	106	412719	102.070	ug/l		100
70) Styrene	12.412	104	713548	103.127	ug/l		100
71) Bromoform	12.576	173	165781	108.707	ug/l	#	99
73) Isopropylbenzene	12.694	105	1065297	99.410	ug/l		100
74) N-amyl acetate	12.506	43	403587	113.475	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	354386	97.616	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	353334m	100.738	ug/l		
77) Bromobenzene	12.982	156	246413	100.266	ug/l		99
78) n-propylbenzene	13.035	91	1301631	99.948	ug/l		100
79) 2-Chlorotoluene	13.123	91	770308	98.630	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	901317	101.873	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	160736	105.820	ug/l		92
82) 4-Chlorotoluene	13.223	91	783657	99.166	ug/l		100
83) tert-Butylbenzene	13.435	119	807528	99.710	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	904794	101.983	ug/l		100
85) sec-Butylbenzene	13.617	105	1182155	100.513	ug/l		99
86) p-Isopropyltoluene	13.729	119	990273	101.857	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	474162	98.063	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	483003	97.978	ug/l		99
89) n-Butylbenzene	14.053	91	937913	99.598	ug/l		100
90) Hexachloroethane	14.335	117	169772	103.019	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	458049	98.602	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	83243	95.877	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	298870	100.751	ug/l		99
94) Hexachlorobutadiene	15.500	225	112496	101.789	ug/l		98
95) Naphthalene	15.641	128	1129434	102.290	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	294127	99.796	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 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

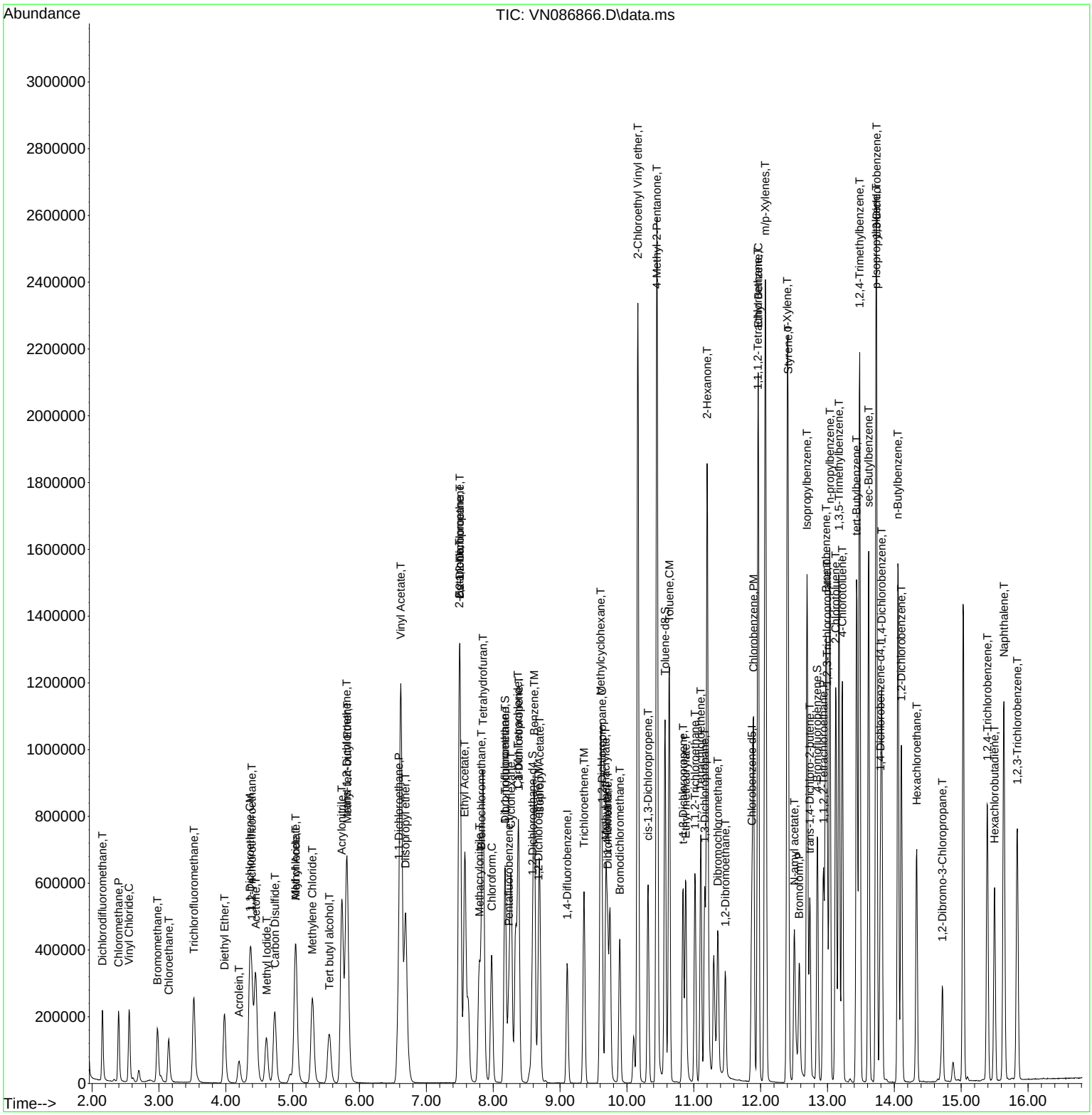
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	172832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	278552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389297	168.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 336.460%#			
35) Dibromofluoromethane	8.176	113	324474	177.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 355.600%#			
50) Toluene-d8	10.570	98	1272348	176.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 352.240%#			
62) 4-Bromofluorobenzene	12.847	95	481421	179.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 358.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	262143	152.122	ug/l	100
3) Chloromethane	2.394	50	304558	136.865	ug/l	100
4) Vinyl Chloride	2.553	62	335834	146.303	ug/l	100
5) Bromomethane	2.965	94	190786	148.522	ug/l	98
6) Chloroethane	3.136	64	208568	140.664	ug/l	96
7) Trichlorofluoromethane	3.518	101	427871	142.666	ug/l	100
8) Diethyl Ether	3.983	74	191555	146.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	269810	143.192	ug/l	100
10) Methyl Iodide	4.606	142	352020	144.118	ug/l	99
11) Tert butyl alcohol	5.553	59	430866	686.213	ug/l	100
12) 1,1-Dichloroethene	4.353	96	273388	142.118	ug/l	98
13) Acrolein	4.194	56	171625	863.526	ug/l	99
14) Allyl chloride	5.035	41	490852	153.858	ug/l	92
15) Acrylonitrile	5.735	53	1048372	714.344	ug/l	99
16) Acetone	4.447	43	819041	667.435	ug/l	100
17) Carbon Disulfide	4.730	76	742788	139.594	ug/l	100
18) Methyl Acetate	5.041	43	523996	146.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	998781	143.396	ug/l	99
20) Methylene Chloride	5.300	84	311597	135.628	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	290960	135.947	ug/l	97
22) Diisopropyl ether	6.688	45	947638	140.915	ug/l	98
23) Vinyl Acetate	6.618	43	3932872	692.189	ug/l	99
24) 1,1-Dichloroethane	6.582	63	540881	139.761	ug/l	99
25) 2-Butanone	7.494	43	1381940	692.809	ug/l	99
26) 2,2-Dichloropropane	7.500	77	450112	149.519	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	363398	141.974	ug/l	99
28) Bromochloromethane	7.824	49	290594	152.718	ug/l	98
29) Tetrahydrofuran	7.847	42	898159	691.211	ug/l	98
30) Chloroform	7.976	83	534038	138.179	ug/l	97
31) Cyclohexane	8.265	56	505795	134.766	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	462854	140.807	ug/l	99
36) 1,1-Dichloropropene	8.376	75	393166	144.584	ug/l	100
37) Ethyl Acetate	7.571	43	494000	142.706	ug/l	99
38) Carbon Tetrachloride	8.371	117	388595	145.557	ug/l	98
39) Methylcyclohexane	9.606	83	544437	146.136	ug/l	97
40) Benzene	8.612	78	1266139	142.388	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.788	41	276400	142.174 ug/l	98
42) 1,2-Dichloroethane	8.676	62	381516	141.455 ug/l	100
43) Isopropyl Acetate	8.694	43	780791	140.531 ug/l	99
44) Trichloroethene	9.359	130	302548	143.490 ug/l	96
45) 1,2-Dichloropropane	9.623	63	309047	142.856 ug/l	100
46) Dibromomethane	9.712	93	208461	145.074 ug/l	100
47) Bromodichloromethane	9.894	83	430011	145.449 ug/l	100
48) Methyl methacrylate	9.688	41	366967	143.502 ug/l	99
49) 1,4-Dioxane	9.712	88	138035	2967.116 ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	2438311	728.995 ug/l	98
52) Toluene	10.635	92	793270	145.976 ug/l	100
53) t-1,3-Dichloropropene	10.841	75	489809	148.163 ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	518092	146.469 ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	298151	142.588 ug/l	99
56) Ethyl methacrylate	10.876	69	533912	160.311 ug/l	98
57) 1,3-Dichloropropane	11.165	76	516391	142.363 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1869543	941.147 ug/l	99
59) 2-Hexanone	11.200	43	1735777	805.662 ug/l	99
60) Dibromochloromethane	11.365	129	322064	147.832 ug/l	98
61) 1,2-Dibromoethane	11.470	107	314606	146.790 ug/l	99
64) Tetrachloroethene	11.106	164	245122	139.048 ug/l	97
65) Chlorobenzene	11.894	112	860345	140.041 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282739	143.171 ug/l	99
67) Ethyl Benzene	11.964	91	1517883	143.438 ug/l	98
68) m/p-Xylenes	12.070	106	1175378	290.155 ug/l	99
69) o-Xylene	12.400	106	566301	145.966 ug/l	100
70) Styrene	12.411	104	972318	146.459 ug/l	100
71) Bromoform	12.582	173	223200	152.538 ug/l #	99
73) Isopropylbenzene	12.694	105	1453651	146.042 ug/l	100
74) N-amyl acetate	12.500	43	543747	164.596 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	474426	140.693 ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	468041m	143.665 ug/l	
77) Bromobenzene	12.982	156	335734	147.077 ug/l	98
78) n-propylbenzene	13.035	91	1769694	146.301 ug/l	99
79) 2-Chlorotoluene	13.123	91	1046916	144.317 ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1210325	147.279 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	216253	153.277 ug/l	95
82) 4-Chlorotoluene	13.223	91	1063581	144.900 ug/l	100
83) tert-Butylbenzene	13.435	119	1093406	145.352 ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1216529	147.626 ug/l	100
85) sec-Butylbenzene	13.617	105	1582762	144.885 ug/l	99
86) p-Isopropyltoluene	13.729	119	1322780	146.482 ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	641966	142.939 ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	646188	141.124 ug/l	99
89) n-Butylbenzene	14.053	91	1251819	143.117 ug/l	100
90) Hexachloroethane	14.335	117	230195	150.387 ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	613177	142.108 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	110677	137.242 ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	407621	147.940 ug/l	99
94) Hexachlorobutadiene	15.500	225	151172	147.264 ug/l	98
95) Naphthalene	15.641	128	1545981	150.743 ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	404450	147.743 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 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

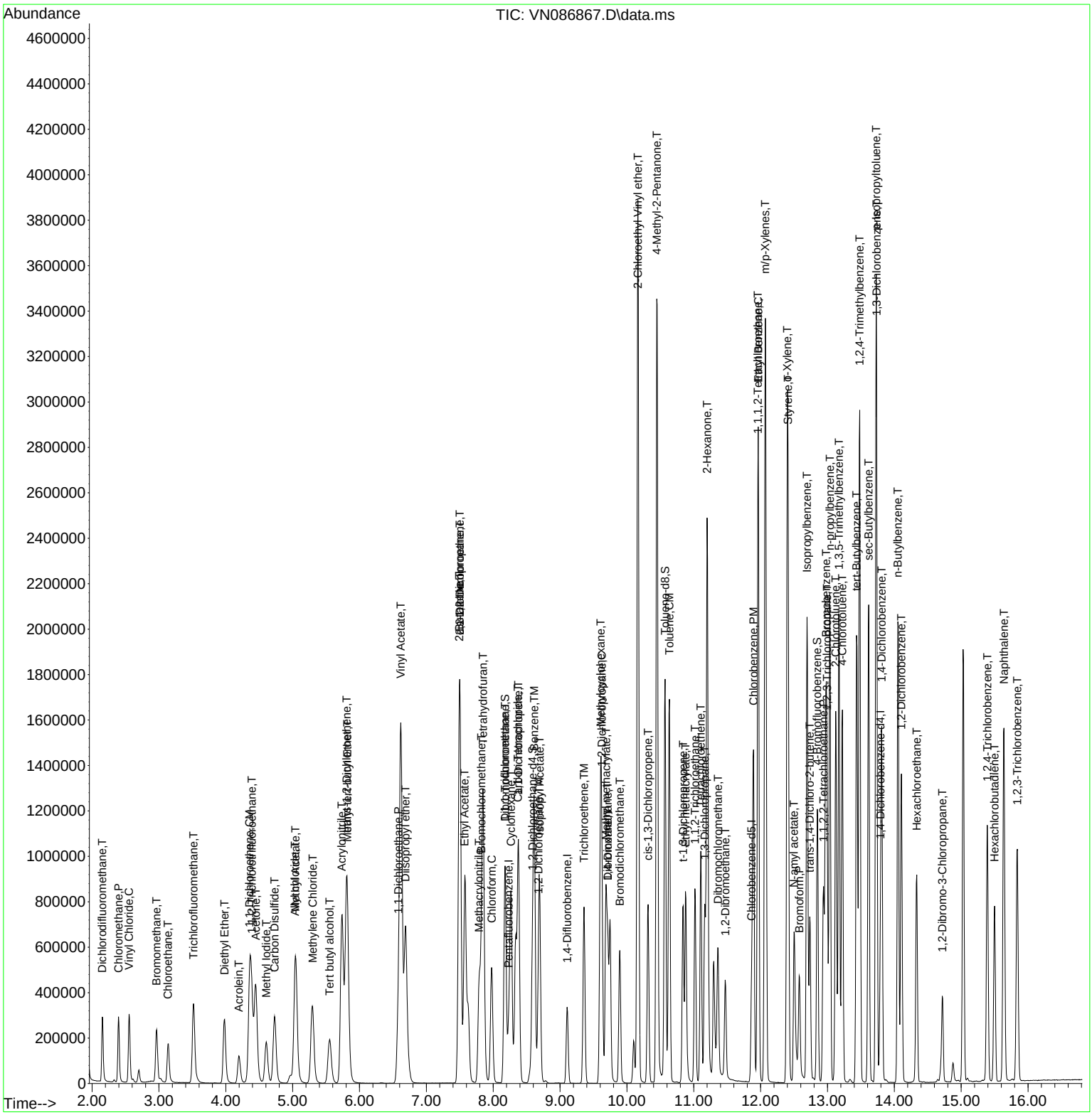
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	218122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152255	52.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.260%			
35) Dibromofluoromethane	8.177	113	127102	54.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	10.571	98	491265	53.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.847	95	185792	54.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	120237	55.286	ug/l	99
3) Chloromethane	2.401	50	139027	49.505	ug/l	99
4) Vinyl Chloride	2.554	62	151951	52.451	ug/l	99
5) Bromomethane	2.989	94	89638	55.292	ug/l	95
6) Chloroethane	3.154	64	95654	51.117	ug/l	96
7) Trichlorofluoromethane	3.524	101	196138	51.819	ug/l	97
8) Diethyl Ether	3.983	74	87405	53.001	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	127498	53.615	ug/l	99
10) Methyl Iodide	4.612	142	164080	53.227	ug/l	97
11) Tert butyl alcohol	5.542	59	207768	262.193	ug/l	99
12) 1,1-Dichloroethene	4.359	96	125461	51.678	ug/l	99
13) Acrolein	4.195	56	60336	240.545	ug/l	98
14) Allyl chloride	5.042	41	203344	50.504	ug/l	98
15) Acrylonitrile	5.736	53	479502	258.885	ug/l	100
16) Acetone	4.448	43	382146	246.750	ug/l	98
17) Carbon Disulfide	4.736	76	339466	50.550	ug/l	100
18) Methyl Acetate	5.042	43	234290	51.912	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	454641	51.720	ug/l	100
20) Methylene Chloride	5.295	84	143862	49.617	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	133535	49.437	ug/l	99
22) Diisopropyl ether	6.689	45	440080	51.853	ug/l	99
23) Vinyl Acetate	6.618	43	1828919	255.055	ug/l	99
24) 1,1-Dichloroethane	6.589	63	251473	51.487	ug/l	98
25) 2-Butanone	7.494	43	644194	255.897	ug/l	99
26) 2,2-Dichloropropane	7.500	77	216678	57.031	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	164985	51.073	ug/l	99
28) Bromochloromethane	7.824	49	108810	45.310	ug/l	99
29) Tetrahydrofuran	7.847	42	420891	256.656	ug/l	100
30) Chloroform	7.977	83	248429	50.933	ug/l	97
31) Cyclohexane	8.265	56	237836	50.212	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	209927	50.603	ug/l	97
36) 1,1-Dichloropropene	8.377	75	181414	52.123	ug/l	99
37) Ethyl Acetate	7.571	43	222090	50.125	ug/l	99
38) Carbon Tetrachloride	8.371	117	179281	52.466	ug/l	98
39) Methylcyclohexane	9.606	83	251231	52.686	ug/l	98
40) Benzene	8.612	78	579667	50.931	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	130903	52.607	ug/l		100
42) 1,2-Dichloroethane	8.677	62	177746	51.489	ug/l		100
43) Isopropyl Acetate	8.694	43	359378	50.536	ug/l		100
44) Trichloroethene	9.359	130	139763	51.788	ug/l		100
45) 1,2-Dichloropropane	9.624	63	142463	51.450	ug/l		99
46) Dibromomethane	9.712	93	97199	52.849	ug/l		98
47) Bromodichloromethane	9.894	83	196104	51.824	ug/l		100
48) Methyl methacrylate	9.688	41	168001	51.328	ug/l		98
49) 1,4-Dioxane	9.706	88	66102	1110.123	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1146622	267.835	ug/l		99
52) Toluene	10.635	92	361963	52.040	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	224839	53.137	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	237774	52.519	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	137998	51.562	ug/l		99
56) Ethyl methacrylate	10.882	69	241649	56.688	ug/l		98
57) 1,3-Dichloropropane	11.165	76	238572	51.386	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	625479	246.006	ug/l		100
59) 2-Hexanone	11.200	43	781717	283.478	ug/l		100
60) Dibromochloromethane	11.359	129	146749	52.627	ug/l		99
61) 1,2-Dibromoethane	11.471	107	142338	51.887	ug/l		99
64) Tetrachloroethene	11.106	164	111409	50.450	ug/l		98
65) Chlorobenzene	11.894	112	391661	50.892	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	129045	52.164	ug/l		99
67) Ethyl Benzene	11.965	91	683879	51.590	ug/l		98
68) m/p-Xylenes	12.071	106	527293	103.912	ug/l		98
69) o-Xylene	12.400	106	254600	52.387	ug/l		100
70) Styrene	12.412	104	438751	52.758	ug/l		99
71) Bromoform	12.582	173	100357	54.751	ug/l	#	99
73) Isopropylbenzene	12.694	105	652045	51.823	ug/l		100
74) N-amyl acetate	12.506	43	238355	54.212	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	220643	51.763	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	220957m	53.821	ug/l		
77) Bromobenzene	12.982	156	150950	52.313	ug/l		100
78) n-propylbenzene	13.035	91	801180	52.397	ug/l		100
79) 2-Chlorotoluene	13.123	91	473629	51.650	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	548347	52.787	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	99341	55.702	ug/l		97
82) 4-Chlorotoluene	13.223	91	481403	51.884	ug/l		99
83) tert-Butylbenzene	13.441	119	499519	52.532	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	552333	53.024	ug/l		100
85) sec-Butylbenzene	13.618	105	723986	52.428	ug/l		100
86) p-Isopropyltoluene	13.729	119	606979	53.174	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	290810	51.224	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	298412	51.557	ug/l		100
89) n-Butylbenzene	14.059	91	579636	52.424	ug/l		100
90) Hexachloroethane	14.335	117	102254	52.847	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	280025	51.340	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50115	49.161	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	181064	51.986	ug/l		99
94) Hexachlorobutadiene	15.500	225	68570	52.843	ug/l		99
95) Naphthalene	15.641	128	674187	52.005	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	174888	50.539	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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

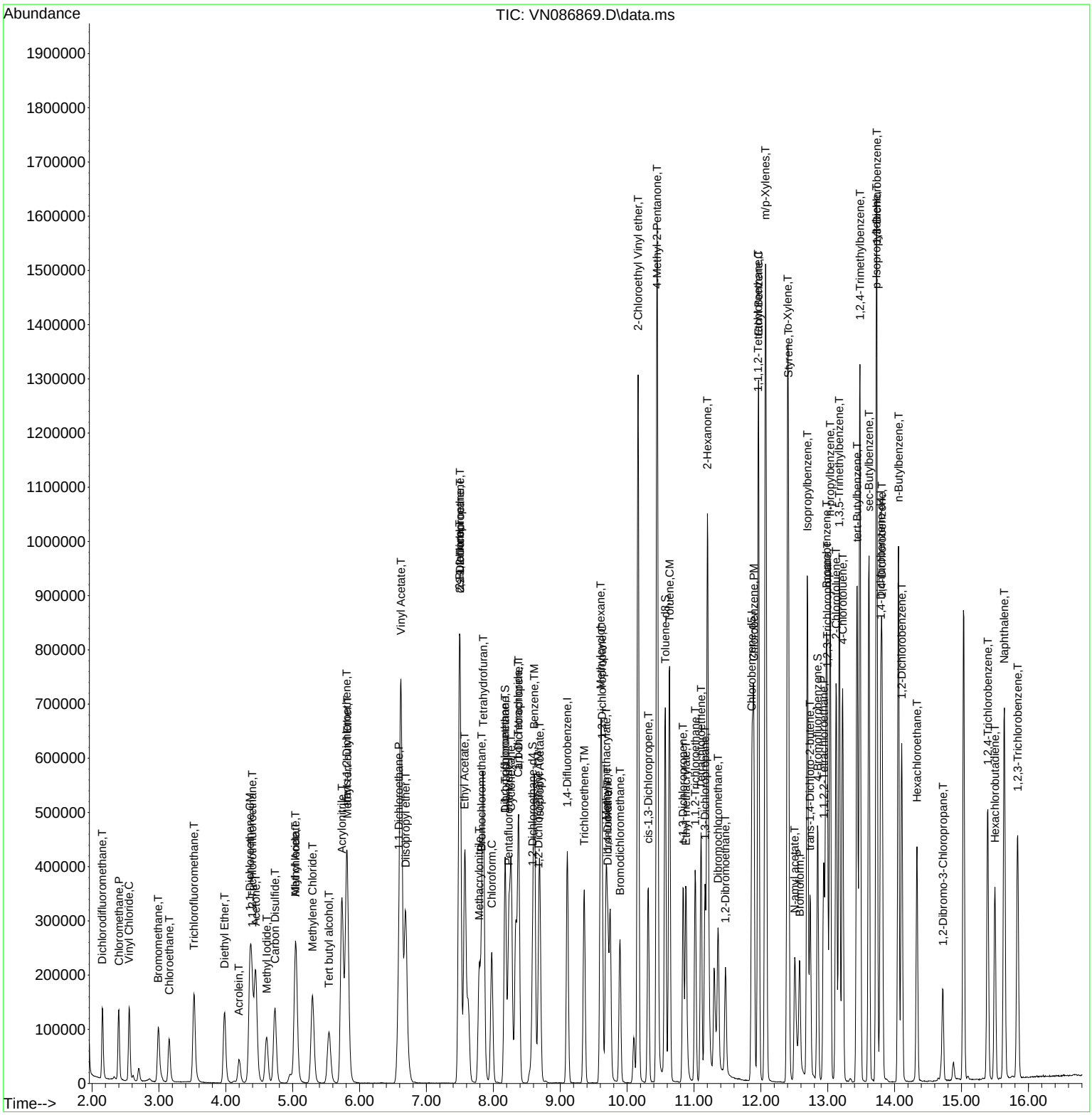
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	105	0.00
2	T	Dichlorodifluoromethane	0.499	0.551	-10.4	116	0.00
3	P	Chloromethane	0.644	0.637	1.1	112	0.00
4	C	Vinyl Chloride	0.664	0.697	-5.0#	114	0.00
5	T	Bromomethane	0.372	0.411	-10.5	121	0.00
6	T	Chloroethane	0.429	0.439	-2.3	113	0.00
7	T	Trichlorofluoromethane	0.868	0.899	-3.6	113	0.00
8	T	Diethyl Ether	0.378	0.401	-6.1	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.585	-7.3	118	0.00
10	T	Methyl Iodide	0.707	0.752	-6.4	116	0.00
11	T	Tert butyl alcohol	0.182	0.191	-4.9	114	0.00
12	CM	1,1-Dichloroethene	0.557	0.575	-3.2#	113	0.00
13	T	Acrolein	0.057	0.055	3.5	128	0.00
14	T	Allyl chloride	0.923	0.932	-1.0	113	0.00
15	T	Acrylonitrile	0.425	0.440	-3.5	114	0.00
16	T	Acetone	0.355	0.350	1.4	114	0.00
17	T	Carbon Disulfide	1.539	1.556	-1.1	115	0.00
18	T	Methyl Acetate	1.035	1.074	-3.8	115	0.00
19	T	Methyl tert-butyl Ether	2.015	2.084	-3.4	113	0.00
20	T	Methylene Chloride	0.665	0.660	0.8	115	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.612	1.1	113	0.00
22	T	Diisopropyl ether	1.945	2.018	-3.8	114	0.00
23	T	Vinyl Acetate	1.644	1.677	-2.0	111	0.00
24	P	1,1-Dichloroethane	1.120	1.153	-2.9	114	0.00
25	T	2-Butanone	0.577	0.591	-2.4	113	0.00
26	T	2,2-Dichloropropane	0.871	0.993	-14.0	116	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.756	-2.2	114	0.00
28	T	Bromochloromethane	0.550	0.499	9.3	113	0.00
29	T	Tetrahydrofuran	0.376	0.386	-2.7	113	0.00
30	C	Chloroform	1.118	1.139	-1.9#	113	0.00
31	T	Cyclohexane	1.086	1.090	-0.4	114	0.00
32	T	1,1,1-Trichloroethane	0.951	0.962	-1.2	113	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.698	-4.3	147	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.296	0.322	-8.8	153#	0.00
36	T	1,1-Dichloropropene	0.442	0.460	-4.1	115	0.00
37	T	Ethyl Acetate	0.562	0.563	-0.2	109	0.00
38	T	Carbon Tetrachloride	0.433	0.455	-5.1	116	0.00
39	T	Methylcyclohexane	0.605	0.637	-5.3	116	0.00
40	TM	Benzene	1.444	1.471	-1.9	114	0.00
41	T	Methacrylonitrile	0.316	0.332	-5.1	114	0.00
42	TM	1,2-Dichloroethane	0.438	0.451	-3.0	114	0.00
43	T	Isopropyl Acetate	0.902	0.912	-1.1	111	0.00
44	TM	Trichloroethene	0.342	0.355	-3.8	113	0.00
45	C	1,2-Dichloropropane	0.351	0.361	-2.8#	113	0.00
46	T	Dibromomethane	0.233	0.247	-6.0	116	0.00
47	T	Bromodichloromethane	0.480	0.498	-3.8	113	0.00
48	T	Methyl methacrylate	0.415	0.426	-2.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	0.008	0.008	0.0	112	0.00
50	S	Toluene-d8	1.173	1.246	-6.2	151#	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.582	-7.2	113	0.00
52	CM	Toluene	0.882	0.918	-4.1#	114	0.00
53	T	t-1,3-Dichloropropene	0.537	0.570	-6.1	114	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.603	-5.1	114	0.00
55	T	1,1,2-Trichloroethane	0.340	0.350	-2.9	113	0.00
56	T	Ethyl methacrylate	0.541	0.613	-13.3	115	0.00
57	T	1,3-Dichloropropane	0.589	0.605	-2.7	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.317	1.9	120	0.00
59	T	2-Hexanone	0.350	0.397	-13.4	112	0.00
60	T	Dibromochloromethane	0.354	0.372	-5.1	114	0.00
61	T	1,2-Dibromoethane	0.348	0.361	-3.7	114	0.00
62	S	4-Bromofluorobenzene	0.436	0.471	-8.0	151#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.316	0.319	-0.9	114	0.00
65	PM	Chlorobenzene	1.103	1.122	-1.7	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.370	-4.5	115	0.00
67	C	Ethyl Benzene	1.899	1.960	-3.2#	114	0.00
68	T	m/p-Xylenes	0.727	0.756	-4.0	113	0.00
69	T	o-Xylene	0.696	0.730	-4.9	114	0.00
70	T	Styrene	1.192	1.257	-5.5	113	0.00
71	P	Bromoform	0.263	0.288	-9.5	114	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.643	3.775	-3.6	114	0.00
74	T	N-amyl acetate	1.273	1.380	-8.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.278	-3.6	112	0.00
76	T	1,2,3-Trichloropropane	1.189	1.279	-7.6	112	0.00
77	T	Bromobenzene	0.835	0.874	-4.7	114	0.00
78	T	n-propylbenzene	4.427	4.639	-4.8	114	0.00
79	T	2-Chlorotoluene	2.655	2.742	-3.3	113	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.175	-5.6	113	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.575	-11.4	125	0.00
82	T	4-Chlorotoluene	2.686	2.787	-3.8	114	0.00
83	T	tert-Butylbenzene	2.753	2.892	-5.0	114	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.198	-6.0	113	0.00
85	T	sec-Butylbenzene	3.998	4.192	-4.9	113	0.00
86	T	p-Isopropyltoluene	3.305	3.514	-6.3	114	0.00
87	T	1,3-Dichlorobenzene	1.644	1.684	-2.4	112	0.00
88	T	1,4-Dichlorobenzene	1.676	1.728	-3.1	113	0.00
89	T	n-Butylbenzene	3.201	3.356	-4.8	113	0.00
90	T	Hexachloroethane	0.560	0.592	-5.7	114	0.00
91	T	1,2-Dichlorobenzene	1.579	1.621	-2.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.290	1.7	110	0.00
93	T	1,2,4-Trichlorobenzene	1.008	1.048	-4.0	112	0.00
94	T	Hexachlorobutadiene	0.376	0.397	-5.6	113	0.00
95	T	Naphthalene	3.753	3.904	-4.0	112	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	1.013	-1.1	110	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_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	105	0.00
2	T	Dichlorodifluoromethane	50.000	55.286	-10.6	116	0.00
3	P	Chloromethane	50.000	49.505	1.0	112	0.00
4	C	Vinyl Chloride	50.000	52.451	-4.9#	114	0.00
5	T	Bromomethane	50.000	55.292	-10.6	121	0.00
6	T	Chloroethane	50.000	51.117	-2.2	113	0.00
7	T	Trichlorofluoromethane	50.000	51.819	-3.6	113	0.00
8	T	Diethyl Ether	50.000	53.001	-6.0	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.615	-7.2	118	0.00
10	T	Methyl Iodide	50.000	53.227	-6.5	116	0.00
11	T	Tert butyl alcohol	250.000	262.193	-4.9	114	0.00
12	CM	1,1-Dichloroethene	50.000	51.678	-3.4#	113	0.00
13	T	Acrolein	250.000	240.545	3.8	128	0.00
14	T	Allyl chloride	50.000	50.504	-1.0	113	0.00
15	T	Acrylonitrile	250.000	258.885	-3.6	114	0.00
16	T	Acetone	250.000	246.750	1.3	114	0.00
17	T	Carbon Disulfide	50.000	50.550	-1.1	115	0.00
18	T	Methyl Acetate	50.000	51.912	-3.8	115	0.00
19	T	Methyl tert-butyl Ether	50.000	51.720	-3.4	113	0.00
20	T	Methylene Chloride	50.000	49.617	0.8	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.437	1.1	113	0.00
22	T	Diisopropyl ether	50.000	51.853	-3.7	114	0.00
23	T	Vinyl Acetate	250.000	255.055	-2.0	111	0.00
24	P	1,1-Dichloroethane	50.000	51.487	-3.0	114	0.00
25	T	2-Butanone	250.000	255.897	-2.4	113	0.00
26	T	2,2-Dichloropropane	50.000	57.031	-14.1	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.073	-2.1	114	0.00
28	T	Bromochloromethane	50.000	45.310	9.4	113	0.00
29	T	Tetrahydrofuran	250.000	256.656	-2.7	113	0.00
30	C	Chloroform	50.000	50.933	-1.9#	113	0.00
31	T	Cyclohexane	50.000	50.212	-0.4	114	0.00
32	T	1,1,1-Trichloroethane	50.000	50.603	-1.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.135	-4.3	147	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	54.416	-8.8	153	0.00
36	T	1,1-Dichloropropene	50.000	52.123	-4.2	115	0.00
37	T	Ethyl Acetate	50.000	50.125	-0.3	109	0.00
38	T	Carbon Tetrachloride	50.000	52.466	-4.9	116	0.00
39	T	Methylcyclohexane	50.000	52.686	-5.4	116	0.00
40	TM	Benzene	50.000	50.931	-1.9	114	0.00
41	T	Methacrylonitrile	50.000	52.607	-5.2	114	0.00
42	TM	1,2-Dichloroethane	50.000	51.489	-3.0	114	0.00
43	T	Isopropyl Acetate	50.000	50.536	-1.1	111	0.00
44	TM	Trichloroethene	50.000	51.788	-3.6	113	0.00
45	C	1,2-Dichloropropane	50.000	51.450	-2.9#	113	0.00
46	T	Dibromomethane	50.000	52.849	-5.7	116	0.00
47	T	Bromodichloromethane	50.000	51.824	-3.6	113	0.00
48	T	Methyl methacrylate	50.000	51.328	-2.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	1110.123	-11.0	112	0.00
50	S	Toluene-d8	50.000	53.129	-6.3	151	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.835	-7.1	113	0.00
52	CM	Toluene	50.000	52.040	-4.1#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	53.137	-6.3	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.519	-5.0	114	0.00
55	T	1,1,2-Trichloroethane	50.000	51.562	-3.1	113	0.00
56	T	Ethyl methacrylate	50.000	56.688	-13.4	115	0.00
57	T	1,3-Dichloropropane	50.000	51.386	-2.8	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.006	1.6	120	0.00
59	T	2-Hexanone	250.000	283.478	-13.4	112	0.00
60	T	Dibromochloromethane	50.000	52.627	-5.3	114	0.00
61	T	1,2-Dibromoethane	50.000	51.887	-3.8	114	0.00
62	S	4-Bromofluorobenzene	50.000	54.081	-8.2	151	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	50.450	-0.9	114	0.00
65	PM	Chlorobenzene	50.000	50.892	-1.8	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.164	-4.3	115	0.00
67	C	Ethyl Benzene	50.000	51.590	-3.2#	114	0.00
68	T	m/p-Xylenes	100.000	103.912	-3.9	113	0.00
69	T	o-Xylene	50.000	52.387	-4.8	114	0.00
70	T	Styrene	50.000	52.758	-5.5	113	0.00
71	P	Bromoform	50.000	54.751	-9.5	114	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.823	-3.6	114	0.00
74	T	N-amyl acetate	50.000	54.212	-8.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.763	-3.5	112	0.00
76	T	1,2,3-Trichloropropane	50.000	53.821	-7.6	112	0.00
77	T	Bromobenzene	50.000	52.313	-4.6	114	0.00
78	T	n-propylbenzene	50.000	52.397	-4.8	114	0.00
79	T	2-Chlorotoluene	50.000	51.650	-3.3	113	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.787	-5.6	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.702	-11.4	125	0.00
82	T	4-Chlorotoluene	50.000	51.884	-3.8	114	0.00
83	T	tert-Butylbenzene	50.000	52.532	-5.1	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.024	-6.0	113	0.00
85	T	sec-Butylbenzene	50.000	52.428	-4.9	113	0.00
86	T	p-Isopropyltoluene	50.000	53.174	-6.3	114	0.00
87	T	1,3-Dichlorobenzene	50.000	51.224	-2.4	112	0.00
88	T	1,4-Dichlorobenzene	50.000	51.557	-3.1	113	0.00
89	T	n-Butylbenzene	50.000	52.424	-4.8	113	0.00
90	T	Hexachloroethane	50.000	52.847	-5.7	114	0.00
91	T	1,2-Dichlorobenzene	50.000	51.340	-2.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.161	1.7	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.986	-4.0	112	0.00
94	T	Hexachlorobutadiene	50.000	52.843	-5.7	113	0.00
95	T	Naphthalene	50.000	52.005	-4.0	112	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.539	-1.1	110	0.00

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

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.464	0.507	0.583	0.627	0.598	0.425	0.534	15.1
Chloromethane	0.541	0.570	0.593	0.641	0.627	0.485	0.576	10
Vinyl Chloride	0.569	0.632	0.634	0.687	0.644	0.521	0.614	9.7
Bromomethane	0.371	0.367	0.369	0.341	0.280		0.346	11.1
Chloroethane	0.350	0.388	0.377	0.405	0.381	0.332	0.372	7.1
Trichlorofluoromethane	0.897	0.974	0.967	1.030	0.972	0.757	0.933	10.3
1,1,2-Trichlorotrifluoroethane	0.563	0.608	0.576	0.623	0.594	0.470	0.572	9.6
1,1-Dichloroethene	0.527	0.574	0.569	0.609	0.583	0.451	0.552	10.2
Acetone	0.219	0.222	0.220	0.238	0.234	0.251	0.231	5.6
Carbon Disulfide	1.503	1.644	1.599	1.735	1.656	1.869	1.668	7.5
Methyl tert-butyl Ether	1.628	1.803	1.752	1.898	1.808	1.427	1.720	9.8
Methyl Acetate	0.577	0.590	0.581	0.650	0.647	0.470	0.586	11.2
Methylene Chloride	0.655	0.655	0.610	0.666	0.624	0.637	0.641	3.3
trans-1,2-Dichloroethene	0.569	0.627	0.589	0.637	0.595	0.529	0.591	6.7
1,1-Dichloroethane	1.054	1.153	1.088	1.170	1.114	0.972	1.092	6.6
Cyclohexane	0.983	1.086	1.013	1.074	1.021		1.036	4.2
2-Butanone	0.319	0.325	0.338	0.371	0.353	0.251	0.326	12.7
Carbon Tetrachloride	0.509	0.537	0.515	0.548	0.531	0.470	0.518	5.4
cis-1,2-Dichloroethene	0.681	0.731	0.686	0.741	0.704	0.623	0.694	6.1
Bromochloromethane	0.527	0.459	0.485	0.519	0.500	0.480	0.495	5.2
Chloroform	1.102	1.190	1.114	1.181	1.109	0.857	1.092	11.1
1,1,1-Trichloroethane	0.931	1.012	0.956	1.046	0.990	0.812	0.958	8.6
Methylcyclohexane	0.631	0.642	0.629	0.672	0.647	0.550	0.628	6.6
Benzene	1.431	1.477	1.417	1.509	1.427	1.218	1.413	7.2
1,2-Dichloroethane	0.508	0.523	0.495	0.528	0.497	0.429	0.497	7.2
Trichloroethene	0.355	0.374	0.356	0.389	0.366	0.320	0.360	6.5
1,2-Dichloropropane	0.347	0.372	0.346	0.374	0.357	0.305	0.350	7.2
Bromodichloromethane	0.510	0.545	0.522	0.562	0.540	0.404	0.514	11.1
4-Methyl-2-Pentanone	0.408	0.414	0.426	0.460	0.439	0.322	0.411	11.6
Toluene	0.884	0.927	0.888	0.927	0.881	0.750	0.876	7.4

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

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.438	0.484	0.488	0.555	0.540	0.355	0.477	15.3
cis-1,3-Dichloropropene	0.516	0.555	0.548	0.603	0.589	0.436	0.541	11.1
1,1,2-Trichloroethane	0.330	0.341	0.326	0.347	0.329	0.287	0.327	6.4
2-Hexanone	0.285	0.285	0.297	0.320	0.305	0.214	0.284	13
Dibromochloromethane	0.380	0.402	0.388	0.419	0.402	0.318	0.385	9.3
1,2-Dibromoethane	0.333	0.348	0.335	0.363	0.346	0.267	0.332	10.1
Tetrachloroethene	0.345	0.353	0.340	0.360	0.339	0.341	0.346	2.4
Chlorobenzene	1.114	1.148	1.091	1.165	1.100	1.005	1.104	5.1
Ethyl Benzene	1.905	2.030	1.933	2.062	1.945	1.696	1.929	6.7
m/p-Xylenes	0.705	0.764	0.724	0.765	0.718	0.635	0.719	6.7
o-Xylene	0.686	0.729	0.692	0.739	0.698	0.498	0.673	13.1
Styrene	1.144	1.256	1.208	1.267	1.203	0.993	1.179	8.6
Bromoform	0.268	0.295	0.287	0.315	0.304	0.226	0.282	11.3
Isopropylbenzene	3.593	3.914	3.723	4.004	3.814	3.048	3.682	9.3
1,1,2,2-Tetrachloroethane	1.037	1.075	1.044	1.124	1.074	0.816	1.028	10.6
1,3-Dichlorobenzene	1.703	1.787	1.678	1.786	1.719	1.694	1.728	2.7
1,4-Dichlorobenzene	1.743	1.830	1.653	1.789	1.702	1.932	1.775	5.6
1,2-Dichlorobenzene	1.604	1.701	1.592	1.703	1.628	1.460	1.615	5.5
1,2-Dibromo-3-Chloropropane	0.196	0.205	0.211	0.235	0.237	0.134	0.203	18.6
1,2,4-Trichlorobenzene	1.040	1.138	1.127	1.253	1.160	1.170	1.148	6
1,2,3-Trichlorobenzene	1.062	1.129	1.082	1.207	1.153	0.957	1.098	7.9
1,2-Dichloroethane-d4	0.801	0.567	0.649	0.726	0.714		0.692	12.7
Dibromofluoromethane	0.362	0.267	0.320	0.354	0.351		0.331	11.9
Toluene-d8	1.342	0.973	1.144	1.250	1.234		1.189	11.7
4-Bromofluorobenzene	0.513	0.354	0.426	0.466	0.456		0.443	13.3

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025
Response Via : Initial Calibration

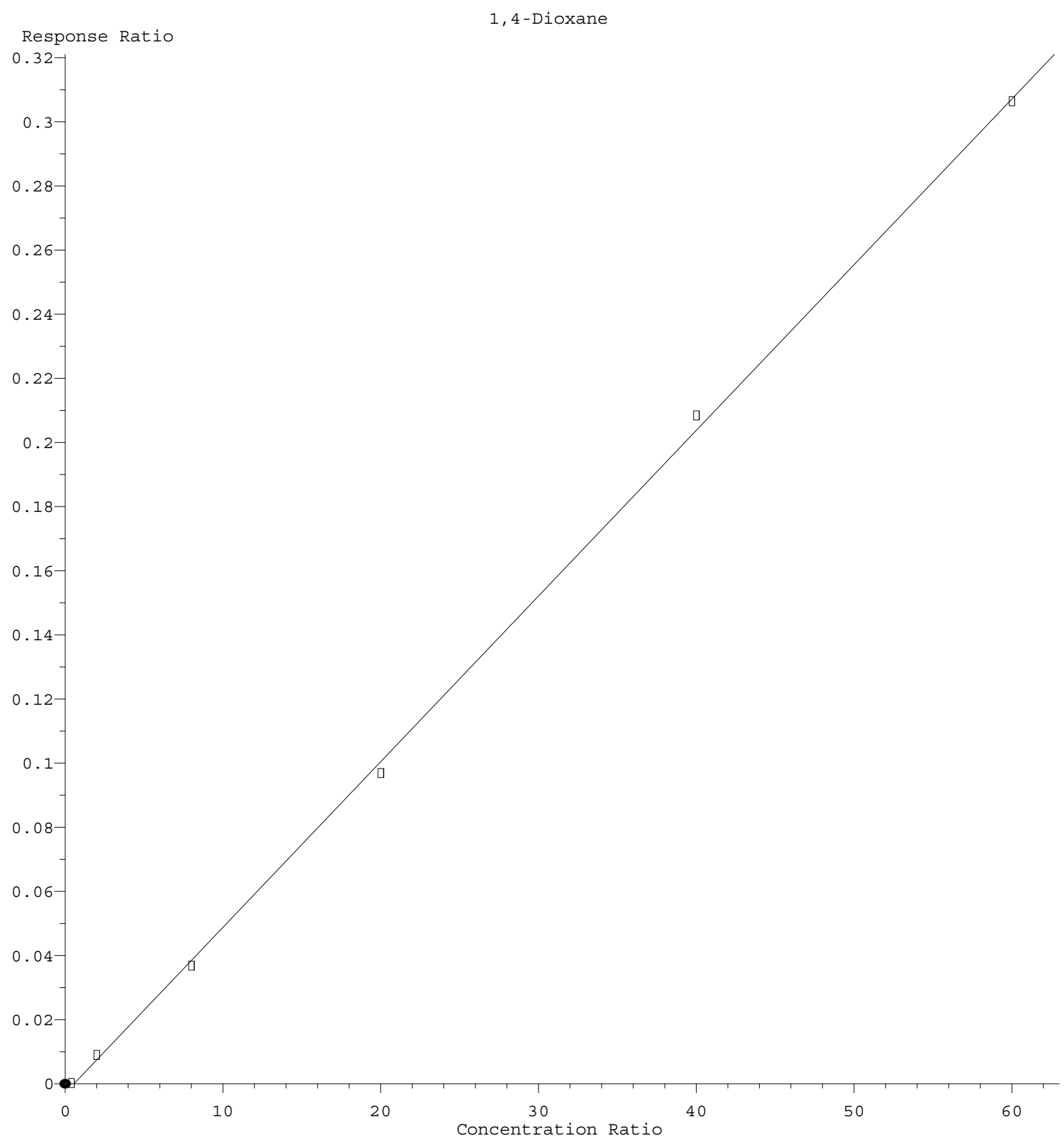
Calibration Files
1 =VX046725.D 5 =VX046718.D 20 =VX046719.D 50 =VX046720.D 100 =VX046721.D 150 =VX046722.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.425	0.464	0.507	0.583	0.627	0.598	0.534	15.13
3)	P	Chloromethane	0.485	0.541	0.570	0.593	0.641	0.627	0.576	9.97
4)	C	Vinyl Chloride	0.521	0.569	0.632	0.634	0.687	0.644	0.614	9.68#
5)	T	Bromomethane		0.371	0.367	0.369	0.341	0.280	0.346	11.13
6)	T	Chloroethane	0.332	0.350	0.388	0.377	0.405	0.381	0.372	7.12
7)	T	Trichlorofluor...	0.757	0.897	0.974	0.967	1.030	0.972	0.933	10.30
8)	T	Diethyl Ether	0.265	0.309	0.337	0.322	0.352	0.336	0.320	9.58
9)	T	1,1,2-Trichlor...	0.470	0.563	0.608	0.576	0.623	0.594	0.572	9.55
10)	T	Methyl Iodide		0.447	0.566	0.654	0.788	0.752	0.642	21.71
11)	T	Tert butyl alc...		0.048	0.061	0.062	0.071	0.069	0.062	14.45
12)	CM	1,1-Dichloroet...	0.451	0.527	0.574	0.569	0.609	0.583	0.552	10.21#
13)	T	Acrolein		0.095	0.074	0.087	0.098	0.097	0.090	11.04
14)	T	Allyl chloride	0.876	0.934	1.042	0.999	1.102	1.051	1.001	8.30
15)	T	Acrylonitrile	0.226	0.270	0.287	0.285	0.312	0.295	0.279	10.61
16)	T	Acetone	0.251	0.219	0.222	0.220	0.238	0.234	0.231	5.60
17)	T	Carbon Disulfide	1.869	1.503	1.644	1.599	1.735	1.656	1.668	7.46
18)	T	Methyl Acetate	0.470	0.577	0.590	0.581	0.650	0.647	0.586	11.17
19)	T	Methyl tert-bu...	1.427	1.628	1.803	1.752	1.898	1.808	1.720	9.79
20)	T	Methylene Chlo...	0.637	0.655	0.655	0.610	0.666	0.624	0.641	3.32
21)	T	trans-1,2-Dich...	0.529	0.569	0.627	0.589	0.637	0.595	0.591	6.68
22)	T	Diisopropyl ether	1.531	1.883	2.073	1.967	2.113	1.973	1.923	10.87
23)	T	Vinyl Acetate	1.138	1.423	1.608	1.596	1.747	1.664	1.529	14.33
24)	P	1,1-Dichloroet...	0.972	1.054	1.153	1.088	1.170	1.114	1.092	6.63
25)	T	2-Butanone	0.251	0.319	0.325	0.338	0.371	0.353	0.326	12.66
26)	T	2,2-Dichloropr...	0.688	0.768	0.798	0.761	0.878	0.886	0.796	9.49
27)	T	cis-1,2-Dichlo...	0.623	0.681	0.731	0.686	0.741	0.704	0.694	6.06
28)	T	Bromochloromet...	0.480	0.527	0.459	0.485	0.519	0.500	0.495	5.18
29)	T	Tetrahydrofuran	0.162	0.205	0.211	0.216	0.240	0.229	0.211	12.74
30)	C	Chloroform	0.857	1.102	1.190	1.114	1.181	1.109	1.092	11.08#
31)	T	Cyclohexane		0.983	1.086	1.013	1.074	1.021	1.036	4.20
32)	T	1,1,1-Trichlor...	0.812	0.931	1.012	0.956	1.046	0.990	0.958	8.58
33)	S	1,2-Dichloroet...		0.801	0.567	0.649	0.726	0.714	0.692	12.70
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.362	0.267	0.320	0.354	0.351	0.331	11.89
36)	T	1,1-Dichloropr...	0.446	0.477	0.486	0.477	0.500	0.480	0.478	3.73
37)	T	Ethyl Acetate	0.443	0.404	0.440	0.431	0.468	0.459	0.441	5.11
38)	T	Carbon Tetrach...	0.470	0.509	0.537	0.515	0.548	0.531	0.518	5.37
39)	T	Methylcyclohexane	0.550	0.631	0.642	0.629	0.672	0.647	0.628	6.61
40)	TM	Benzene	1.218	1.431	1.477	1.417	1.509	1.427	1.413	7.22
41)	T	Methacrylonitrile	0.190	0.207	0.242	0.239	0.267	0.266	0.235	13.31
42)	TM	1,2-Dichloroet...	0.429	0.508	0.523	0.495	0.528	0.497	0.497	7.23
43)	T	Isopropyl Acetate	0.491	0.678	0.689	0.716	0.795	0.770	0.690	15.63
44)	TM	Trichloroethene	0.320	0.355	0.374	0.356	0.389	0.366	0.360	6.47
45)	C	1,2-Dichloropr...	0.305	0.347	0.372	0.346	0.374	0.357	0.350	7.18#
46)	T	Dibromomethane	0.228	0.243	0.260	0.251	0.270	0.259	0.252	5.92
47)	T	Bromodichlorom...	0.404	0.510	0.545	0.522	0.562	0.540	0.514	11.07
48)	T	Methyl methacr...	0.232	0.316	0.352	0.370	0.409	0.396	0.346	18.71
49)	T	1,4-Dioxane	0.001	0.004	0.005	0.005	0.005	0.005	0.004	42.21
50)	S	Toluene-d8		1.342	0.973	1.144	1.250	1.234	1.189	11.72
51)	T	4-Methyl-2-Pen...	0.322	0.408	0.414	0.426	0.460	0.439	0.411	11.62
52)	CM	Toluene	0.750	0.884	0.927	0.888	0.927	0.881	0.876	7.43#
53)	T	t-1,3-Dichloro...	0.355	0.438	0.484	0.488	0.555	0.540	0.477	15.29
54)	T	cis-1,3-Dichlo...	0.436	0.516	0.555	0.548	0.603	0.589	0.541	11.13
55)	T	1,1,2-Trichlor...	0.287	0.330	0.341	0.326	0.347	0.329	0.327	6.43
56)	T	Ethyl methacry...	0.327	0.465	0.493	0.507	0.560	0.540	0.482	17.24

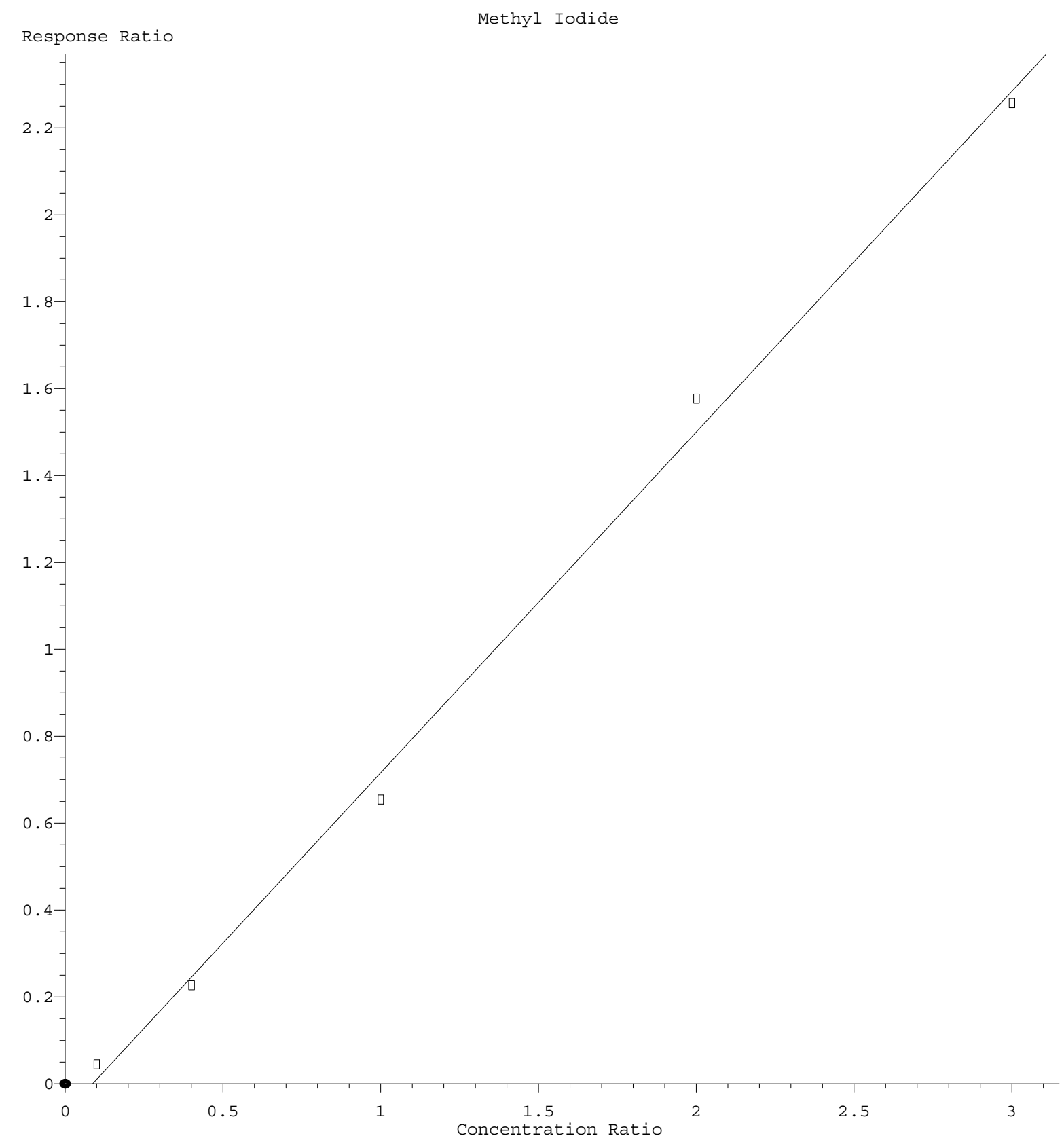
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061725W.M

57)	T	1,3-Dichloropr...	0.497	0.575	0.576	0.562	0.600	0.563	0.562	6.16
58)	T	2-Chloroethyl ...	0.167	0.241	0.235	0.281	0.296	0.282	0.250	18.96
59)	T	2-Hexanone	0.214	0.285	0.285	0.297	0.320	0.305	0.284	13.04
60)	T	Dibromochlorom...	0.318	0.380	0.402	0.388	0.419	0.402	0.385	9.25
61)	T	1,2-Dibromoethane	0.267	0.333	0.348	0.335	0.363	0.346	0.332	10.10
62)	S	4-Bromofluorob...		0.513	0.354	0.426	0.466	0.456	0.443	13.28
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.341	0.345	0.353	0.340	0.360	0.339	0.346	2.43
65)	PM	Chlorobenzene	1.005	1.114	1.148	1.091	1.165	1.100	1.104	5.09
66)	T	1,1,1,2-Tetrac...	0.302	0.358	0.398	0.373	0.408	0.386	0.371	10.22
67)	C	Ethyl Benzene	1.696	1.905	2.030	1.933	2.062	1.945	1.929	6.68#
68)	T	m/p-Xylenes	0.635	0.705	0.764	0.724	0.765	0.718	0.719	6.68
69)	T	o-Xylene	0.498	0.686	0.729	0.692	0.739	0.698	0.673	13.15
70)	T	Styrene	0.993	1.144	1.256	1.208	1.267	1.203	1.179	8.57
71)	P	Bromoform	0.226	0.268	0.295	0.287	0.315	0.304	0.282	11.35
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.048	3.593	3.914	3.723	4.004	3.814	3.682	9.31
74)	T	N-amyl acetate	0.927	1.237	1.455	1.467	1.660	1.625	1.395	19.64
75)	P	1,1,2,2-Tetrac...	0.816	1.037	1.075	1.044	1.124	1.074	1.028	10.56
76)	T	1,2,3-Trichlor...	0.650	0.959	1.066	0.990	0.938	0.892	0.916	15.58
77)	T	Bromobenzene	0.744	0.861	0.953	0.892	0.956	0.911	0.886	8.87
78)	T	n-propylbenzene	3.642	4.243	4.682	4.430	4.737	4.509	4.374	9.16
79)	T	2-Chlorotoluene	2.363	2.596	2.736	2.586	2.770	2.618	2.611	5.50
80)	T	1,3,5-Trimethy...	2.497	2.888	3.297	3.072	3.294	3.108	3.026	9.94
81)	T	trans-1,4-Dich...		0.264	0.297	0.311	0.367	0.381	0.324	15.12
82)	T	4-Chlorotoluene	2.734	2.980	3.255	3.024	3.227	3.066	3.048	6.21
83)	T	tert-Butylbenzene	2.658	3.043	3.316	3.122	3.395	3.234	3.128	8.41
84)	T	1,2,4-Trimethy...	2.455	2.992	3.270	3.061	3.302	3.162	3.040	10.20
85)	T	sec-Butylbenzene	3.301	3.920	4.198	3.999	4.272	4.030	3.953	8.73
86)	T	p-Isopropyltol...	2.905	3.275	3.526	3.340	3.574	3.394	3.336	7.17
87)	T	1,3-Dichlorobe...	1.694	1.703	1.787	1.678	1.786	1.719	1.728	2.74
88)	T	1,4-Dichlorobe...	1.932	1.743	1.830	1.653	1.789	1.702	1.775	5.59
89)	T	n-Butylbenzene	2.986	2.970	3.284	3.154	3.415	3.194	3.167	5.43
90)	T	Hexachloroethane	0.522	0.523	0.601	0.584	0.647	0.627	0.584	8.97
91)	T	1,2-Dichlorobe...	1.460	1.604	1.701	1.592	1.703	1.627	1.615	5.55
92)	T	1,2-Dibromo-3-...	0.134	0.196	0.205	0.211	0.235	0.237	0.203	18.57
93)	T	1,2,4-Trichlor...	1.170	1.040	1.138	1.127	1.253	1.160	1.148	5.99
94)	T	Hexachlorobuta...	0.495	0.490	0.501	0.479	0.512	0.420	0.483	6.78
95)	T	Naphthalene	2.636	2.887	3.301	3.335	3.744	3.720	3.270	13.54
96)	T	1,2,3-Trichlor...	0.957	1.062	1.129	1.082	1.206	1.153	1.098	7.87

(#) = Out of Range



Response = 5.178e-003 * Amt - 2.920e-003
Coef of Det (r^2) = 0.999471 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X061725W.M
Calibration Table Last Updated: Wed Jun 18 03:09:16 2025



Response = 7.844e-001 * Amt - 6.799e-002
Coef of Det (r^2) = 0.996612 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X061725W.M
Calibration Table Last Updated: Wed Jun 18 03:09:16 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	130530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10456	5.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.580%#		
35) Dibromofluoromethane	5.403	113	7865	5.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.960%#		
50) Toluene-d8	8.653	98	29120	5.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.280%#		
62) 4-Bromofluorobenzene	11.079	95	11137	5.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	11.580%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	6051	4.342	ug/l	99
3) Chloromethane	1.307	50	7066	4.698	ug/l	90
4) Vinyl Chloride	1.386	62	7425	4.629	ug/l	99
5) Bromomethane	1.617	94	4837	5.360	ug/l	95
6) Chloroethane	1.703	64	4575	4.706	ug/l	92
7) Trichlorofluoromethane	1.904	101	11714	4.810	ug/l	92
8) Diethyl Ether	2.148	74	4038	4.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	7353	4.921	ug/l	96
10) Methyl Iodide	2.465	142	5830	7.181	ug/l	99
11) Tert butyl alcohol	2.959	59	3134	19.340	ug/l	99
12) 1,1-Dichloroethene	2.337	96	6884	4.775	ug/l	91
13) Acrolein	2.251	56	6208	26.301	ug/l	100
14) Allyl chloride	2.678	41	12195	4.668	ug/l	99
15) Acrylonitrile	3.081	53	17611	24.169	ug/l	99
16) Acetone	2.392	43	14275	23.710	ug/l	98
17) Carbon Disulfide	2.526	76	19624	4.507	ug/l	100
18) Methyl Acetate	2.721	43	7530	4.924	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	21254	4.734	ug/l	97
20) Methylene Chloride	2.800	84	8556	5.110	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	7425	4.813	ug/l	97
22) Diisopropyl ether	3.769	45	24580	4.895	ug/l #	67
23) Vinyl Acetate	3.739	43	92889	23.264	ug/l	98
24) 1,1-Dichloroethane	3.623	63	13761	4.827	ug/l	99
25) 2-Butanone	4.580	43	20821	24.452	ug/l	97
26) 2,2-Dichloropropane	4.483	77	10020	4.819	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	8891	4.906	ug/l	99
28) Bromochloromethane	4.910	49	6884	5.326	ug/l #	96
29) Tetrahydrofuran	5.025	42	13402	24.367	ug/l	99
30) Chloroform	5.099	83	14385	5.046	ug/l	86
31) Cyclohexane	5.483	56	12835	4.748	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	12150	4.859	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10359	4.998	ug/l	99
37) Ethyl Acetate	4.733	43	8763	4.580	ug/l	96
38) Carbon Tetrachloride	5.690	117	11043	4.909	ug/l	98
39) Methylcyclohexane	7.391	83	13704	5.024	ug/l #	87
40) Benzene	6.050	78	31061	5.064	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4488	4.400 ug/l #	92
42) 1,2-Dichloroethane	6.104	62	11029	5.116 ug/l	98
43) Isopropyl Acetate	6.348	43	14711	4.914 ug/l	97
44) Trichloroethene	7.135	130	7703	4.927 ug/l	93
45) 1,2-Dichloropropane	7.433	63	7529	4.952 ug/l	97
46) Dibromomethane	7.592	93	5267	4.821 ug/l	95
47) Bromodichloromethane	7.824	83	11072	4.966 ug/l	96
48) Methyl methacrylate	7.702	41	6864	4.571 ug/l	99
49) 1,4-Dioxane	7.671	88	1949	113.091 ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	44282	24.800 ug/l	97
52) Toluene	8.720	92	19190	5.046 ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9497	4.591 ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	11188	4.764 ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7151	5.046 ug/l	95
56) Ethyl methacrylate	9.122	69	10101	4.828 ug/l	99
57) 1,3-Dichloropropane	9.311	76	12483	5.115 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	26158	24.071 ug/l	100
59) 2-Hexanone	9.433	43	30938	25.062 ug/l	99
60) Dibromochloromethane	9.518	129	8249	4.939 ug/l	99
61) 1,2-Dibromoethane	9.610	107	7221	5.009 ug/l	98
64) Tetrachloroethene	9.275	164	6755	4.980 ug/l	97
65) Chlorobenzene	10.079	112	21807	5.046 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	7006	4.823 ug/l	98
67) Ethyl Benzene	10.195	91	37295	4.939 ug/l	98
68) m/p-Xylenes	10.299	106	27609	9.812 ug/l	96
69) o-Xylene	10.640	106	13421	5.090 ug/l	97
70) Styrene	10.659	104	22403	4.855 ug/l	100
71) Bromoform	10.799	173	5248	4.744 ug/l #	100
73) Isopropylbenzene	10.963	105	36281	4.878 ug/l	99
74) N-amyl acetate	10.841	43	12496	4.434 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	10468	5.040 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9687m	4.722 ug/l	
77) Bromobenzene	11.201	156	8694	4.857 ug/l	95
78) n-propylbenzene	11.305	91	42848	4.850 ug/l	100
79) 2-Chlorotoluene	11.366	91	26221	4.971 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29167	4.772 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2663	4.070 ug/l	94
82) 4-Chlorotoluene	11.457	91	30097	4.889 ug/l	99
83) tert-Butylbenzene	11.713	119	30728	4.864 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	30213	4.920 ug/l	98
85) sec-Butylbenzene	11.890	105	39588	4.958 ug/l	100
86) p-Isopropyltoluene	12.006	119	33076	4.909 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	17198	4.928 ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	17600	4.910 ug/l	95
89) n-Butylbenzene	12.329	91	29990	4.688 ug/l	98
90) Hexachloroethane	12.536	117	5285	4.480 ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	16203	4.968 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1982	4.834 ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	10507	4.532 ug/l	99
94) Hexachlorobutadiene	13.725	225	4953	5.078 ug/l	95
95) Naphthalene	13.774	128	29158	4.414 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10725	4.835 ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

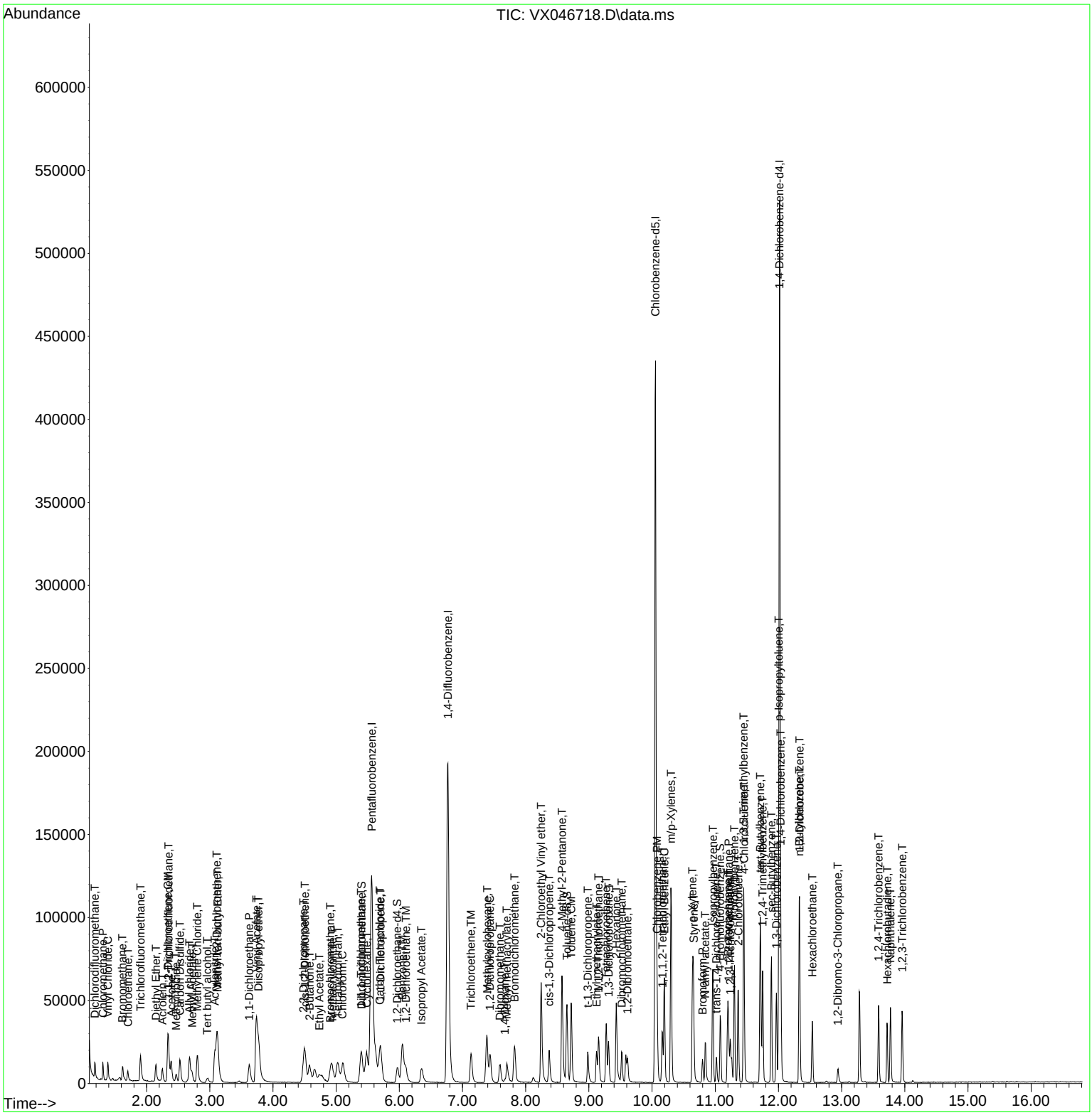
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	134732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226567	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	197947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	30582	16.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	32.820%#		
35) Dibromofluoromethane	5.385	113	24156	16.114	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	32.220%#		
50) Toluene-d8	8.647	98	88197	16.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.760%#		
62) 4-Bromofluorobenzene	11.079	95	32067	15.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	31.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	27297	18.977	ug/l	97
3) Chloromethane	1.307	50	30731	19.793	ug/l	98
4) Vinyl Chloride	1.386	62	34049	20.565	ug/l	96
5) Bromomethane	1.618	94	19805	21.261	ug/l	91
6) Chloroethane	1.697	64	20911	20.838	ug/l	97
7) Trichlorofluoromethane	1.904	101	52480	20.875	ug/l	99
8) Diethyl Ether	2.142	74	18139	21.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	32778	21.253	ug/l	98
10) Methyl Iodide	2.465	142	30525	18.775	ug/l	99
11) Tert butyl alcohol	2.953	59	16360	97.808	ug/l	96
12) 1,1-Dichloroethene	2.331	96	30924	20.780	ug/l	92
13) Acrolein	2.246	56	20036	82.237	ug/l	98
14) Allyl chloride	2.672	41	56147	20.823	ug/l	99
15) Acrylonitrile	3.069	53	77278	102.746	ug/l	99
16) Acetone	2.386	43	59747	96.140	ug/l	97
17) Carbon Disulfide	2.526	76	88625	19.721	ug/l	99
18) Methyl Acetate	2.709	43	31812	20.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97187	20.974	ug/l	95
20) Methylene Chloride	2.800	84	35302	20.426	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	33796	21.224	ug/l	95
22) Diisopropyl ether	3.764	45	111712	21.555	ug/l	95
23) Vinyl Acetate	3.727	43	433313	105.140	ug/l	100
24) 1,1-Dichloroethane	3.617	63	62164	21.126	ug/l	98
25) 2-Butanone	4.556	43	87671	99.748	ug/l	99
26) 2,2-Dichloropropane	4.483	77	42992	20.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39374	21.047	ug/l	99
28) Bromochloromethane	4.904	49	24738	18.544	ug/l	100
29) Tetrahydrofuran	5.007	42	56765	99.990	ug/l	98
30) Chloroform	5.093	83	64109	21.785	ug/l	100
31) Cyclohexane	5.477	56	58552	20.982	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54542	21.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44023	20.344	ug/l	99
37) Ethyl Acetate	4.715	43	39916	19.984	ug/l	99
38) Carbon Tetrachloride	5.684	117	48694	20.735	ug/l	97
39) Methylcyclohexane	7.379	83	58170	20.428	ug/l	97
40) Benzene	6.038	78	133872	20.904	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21970	20.632	ug/l		97
42) 1,2-Dichloroethane	6.086	62	47430	21.076	ug/l		99
43) Isopropyl Acetate	6.342	43	62432	19.975	ug/l		100
44) Trichloroethene	7.129	130	33927	20.788	ug/l		100
45) 1,2-Dichloropropane	7.428	63	33688	21.226	ug/l		94
46) Dibromomethane	7.580	93	23569	20.663	ug/l		99
47) Bromodichloromethane	7.818	83	49411	21.227	ug/l		98
48) Methyl methacrylate	7.690	41	31856	20.322	ug/l		98
49) 1,4-Dioxane	7.659	88	8340	382.035	ug/l		93
51) 4-Methyl-2-Pentanone	8.568	43	187509	100.586	ug/l		99
52) Toluene	8.714	92	84030	21.166	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	43852	20.304	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	50326	20.526	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	30865	20.862	ug/l		94
56) Ethyl methacrylate	9.116	69	44702	20.468	ug/l		99
57) 1,3-Dichloropropane	9.305	76	52181	20.480	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	106505	93.878	ug/l		99
59) 2-Hexanone	9.427	43	129218	100.265	ug/l		99
60) Dibromochloromethane	9.519	129	36392	20.872	ug/l		99
61) 1,2-Dibromoethane	9.604	107	31507	20.936	ug/l		100
64) Tetrachloroethene	9.269	164	27988	20.408	ug/l		97
65) Chlorobenzene	10.073	112	90868	20.796	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31508	21.455	ug/l		100
67) Ethyl Benzene	10.189	91	160761	21.056	ug/l		99
68) m/p-Xylenes	10.299	106	121014	42.539	ug/l		99
69) o-Xylene	10.640	106	57689	21.638	ug/l		100
70) Styrene	10.653	104	99462	21.318	ug/l		99
71) Bromoform	10.799	173	23372	20.898	ug/l	#	100
73) Isopropylbenzene	10.957	105	153861	21.255	ug/l		99
74) N-amyl acetate	10.842	43	57185	20.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42272	20.914	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	41901m	20.989	ug/l		
77) Bromobenzene	11.195	156	37464	21.507	ug/l		99
78) n-propylbenzene	11.299	91	184078	21.410	ug/l		100
79) 2-Chlorotoluene	11.360	91	107552	20.952	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	129635	21.793	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11694	18.362	ug/l		98
82) 4-Chlorotoluene	11.451	91	127954	21.358	ug/l		100
83) tert-Butylbenzene	11.713	119	130359	21.201	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	128566	21.512	ug/l		99
85) sec-Butylbenzene	11.890	105	165047	21.239	ug/l		99
86) p-Isopropyltoluene	12.006	119	138623	21.142	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	70243	20.681	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	71953	20.625	ug/l		99
89) n-Butylbenzene	12.329	91	129101	20.738	ug/l		100
90) Hexachloroethane	12.536	117	23645	20.594	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	66883	21.073	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8071	20.226	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	44726	19.821	ug/l		97
94) Hexachlorobutadiene	13.725	225	19698	20.752	ug/l		99
95) Naphthalene	13.774	128	129768	20.186	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	44380	20.558	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

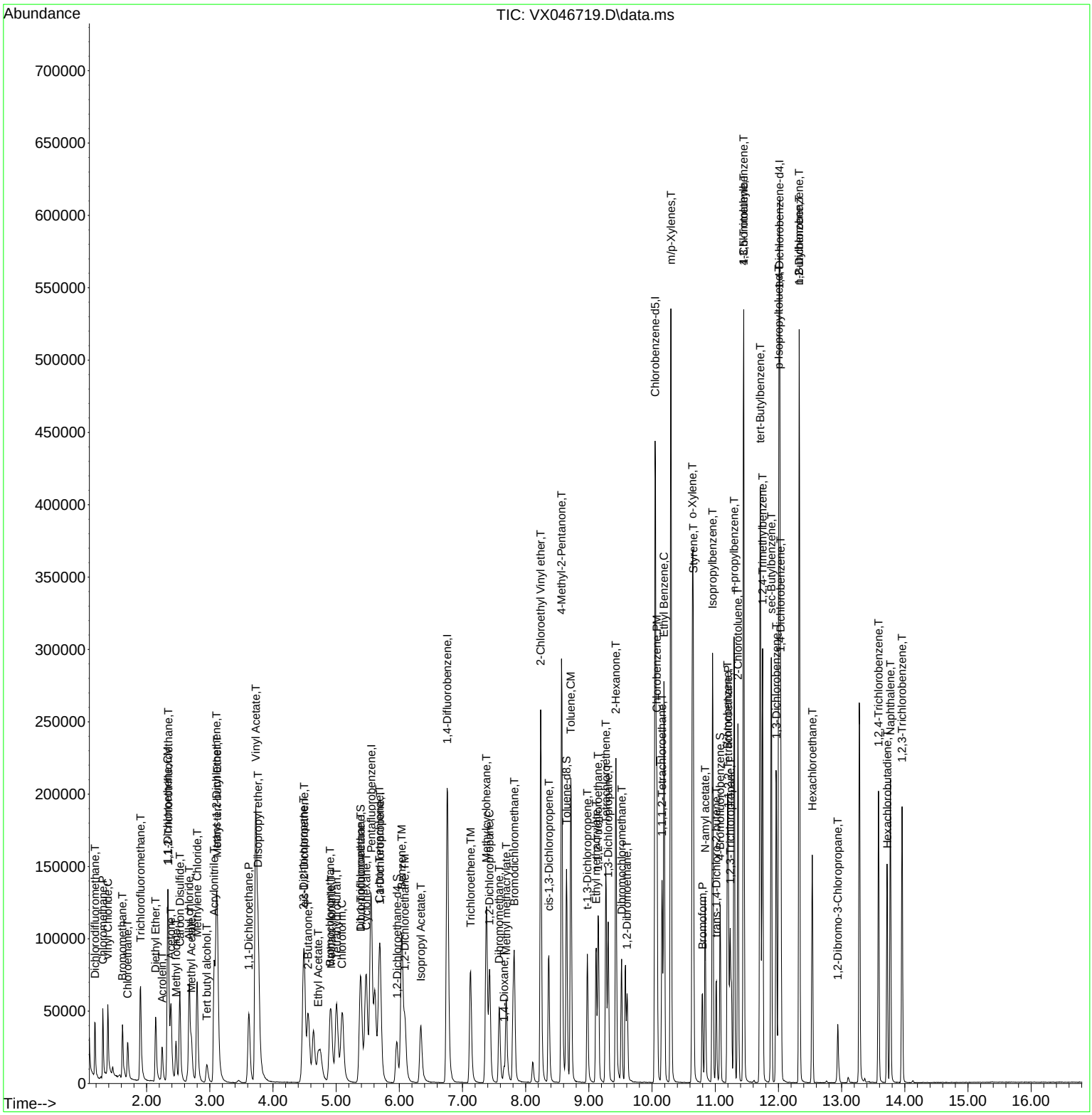
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	123412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80133	46.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.880%			
35) Dibromofluoromethane	5.397	113	65447	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.647	98	233825	48.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	87131	48.107	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	71910	54.577	ug/l	100
3) Chloromethane	1.307	50	73175	51.454	ug/l	100
4) Vinyl Chloride	1.386	62	78242	51.592	ug/l	100
5) Bromomethane	1.624	94	45535	53.367	ug/l	100
6) Chloroethane	1.703	64	46570	50.665	ug/l	100
7) Trichlorofluoromethane	1.904	101	119335	51.823	ug/l	100
8) Diethyl Ether	2.148	74	39712	50.251	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	71037	50.285	ug/l	100
10) Methyl Iodide	2.471	142	80710	46.019	ug/l	100
11) Tert butyl alcohol	2.959	59	38256	249.692	ug/l	100
12) 1,1-Dichloroethene	2.337	96	70202	51.500	ug/l	100
13) Acrolein	2.246	56	53791	241.036	ug/l	100
14) Allyl chloride	2.678	41	123265	49.909	ug/l	100
15) Acrylonitrile	3.075	53	175846	255.243	ug/l	100
16) Acetone	2.386	43	135683	238.356	ug/l	100
17) Carbon Disulfide	2.526	76	197344	47.941	ug/l	100
18) Methyl Acetate	2.715	43	71685	49.582	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	216266	50.953	ug/l	100
20) Methylene Chloride	2.800	84	75315	47.576	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	72648	49.807	ug/l	100
22) Diisopropyl ether	3.770	45	242789	51.143	ug/l	100
23) Vinyl Acetate	3.733	43	985040	260.935	ug/l	100
24) 1,1-Dichloroethane	3.623	63	134324	49.835	ug/l	100
25) 2-Butanone	4.562	43	208346	258.788	ug/l	100
26) 2,2-Dichloropropane	4.489	77	93956	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	84638	49.392	ug/l	100
28) Bromochloromethane	4.910	49	59857	48.984	ug/l	100
29) Tetrahydrofuran	5.013	42	133555	256.831	ug/l	100
30) Chloroform	5.105	83	137459	50.996	ug/l	100
31) Cyclohexane	5.483	56	125014	48.909	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	117954	49.895	ug/l	100
36) 1,1-Dichloropropene	5.702	75	97413	49.899	ug/l	100
37) Ethyl Acetate	4.721	43	88076	48.877	ug/l	100
38) Carbon Tetrachloride	5.690	117	105202	49.656	ug/l	100
39) Methylcyclohexane	7.385	83	128553	50.041	ug/l	100
40) Benzene	6.044	78	289724	50.146	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	48765	50.762	ug/l		100
42) 1,2-Dichloroethane	6.092	62	101218	49.855	ug/l		100
43) Isopropyl Acetate	6.342	43	146377	51.911	ug/l		100
44) Trichloroethene	7.129	130	72796	49.441	ug/l		100
45) 1,2-Dichloropropane	7.434	63	70702	49.378	ug/l		100
46) Dibromomethane	7.586	93	51288	49.840	ug/l		100
47) Bromodichloromethane	7.824	83	106651	50.787	ug/l		100
48) Methyl methacrylate	7.696	41	75708	53.535	ug/l		100
49) 1,4-Dioxane	7.659	88	19802	962.534	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	435000	258.656	ug/l		100
52) Toluene	8.720	92	181414	50.650	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	99727	51.183	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	111917	50.598	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	66688	49.963	ug/l		100
56) Ethyl methacrylate	9.116	69	103697	52.629	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114824	49.955	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	287531	280.927	ug/l		100
59) 2-Hexanone	9.427	43	303322	260.883	ug/l		100
60) Dibromochloromethane	9.519	129	79227	50.368	ug/l		100
61) 1,2-Dibromoethane	9.610	107	68515	50.464	ug/l		100
64) Tetrachloroethene	9.275	164	61048	49.115	ug/l		100
65) Chlorobenzene	10.080	112	195752	49.429	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67004	50.341	ug/l		100
67) Ethyl Benzene	10.189	91	346812	50.119	ug/l		100
68) m/p-Xylenes	10.299	106	259899	100.800	ug/l		100
69) o-Xylene	10.640	106	124120	51.366	ug/l		100
70) Styrene	10.653	104	216738	51.254	ug/l		100
71) Bromoform	10.799	173	51485	50.792	ug/l	#	100
73) Isopropylbenzene	10.957	105	331391	50.548	ug/l		100
74) N-amyl acetate	10.842	43	130606	52.581	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92893	50.745	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	88091m	48.721	ug/l		
77) Bromobenzene	11.195	156	79404	50.331	ug/l		100
78) n-propylbenzene	11.299	91	394375	50.646	ug/l		100
79) 2-Chlorotoluene	11.360	91	230178	49.509	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	273477	50.761	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27677	47.984	ug/l		100
82) 4-Chlorotoluene	11.451	91	269198	49.613	ug/l		100
83) tert-Butylbenzene	11.713	119	277915	49.905	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	272510	50.345	ug/l		100
85) sec-Butylbenzene	11.890	105	355947	50.574	ug/l		100
86) p-Isopropyltoluene	12.006	119	297314	50.067	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	149402	48.568	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	147146	46.571	ug/l		100
89) n-Butylbenzene	12.329	91	280794	49.801	ug/l		100
90) Hexachloroethane	12.536	117	51961	49.968	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	141743	49.309	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18747	51.873	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	100346	49.101	ug/l		100
94) Hexachlorobutadiene	13.719	225	42659	49.621	ug/l		100
95) Naphthalene	13.774	128	296912	50.994	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	96318	49.263	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

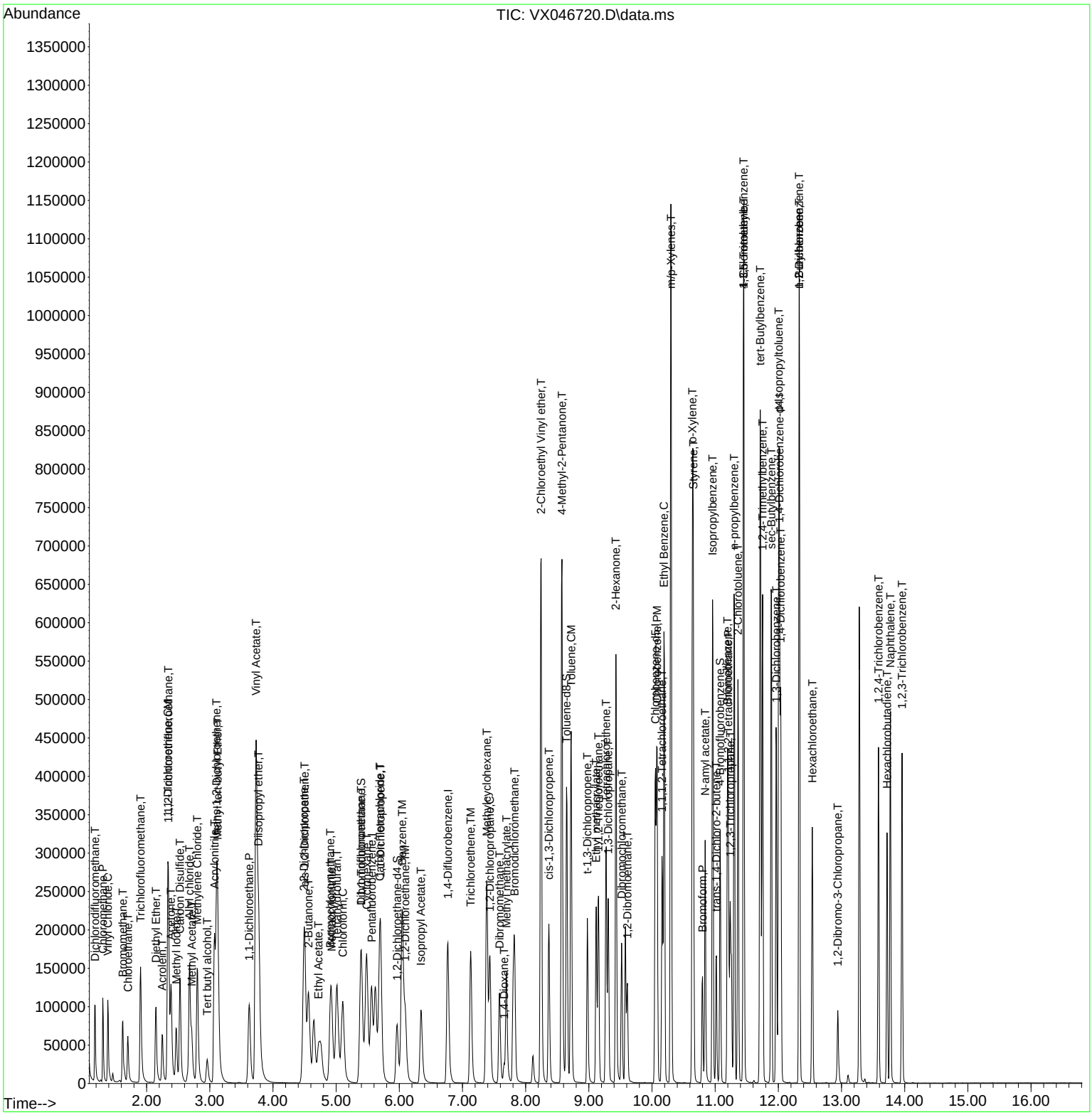
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	110482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	105.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 210.080%#			
35) Dibromofluoromethane	5.391	113	129932	107.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 214.280%#			
50) Toluene-d8	8.647	98	458174	105.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.300%#			
62) 4-Bromofluorobenzene	11.079	95	170795	105.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 210.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	138589	117.494	ug/l	99
3) Chloromethane	1.307	50	141568	111.195	ug/l	99
4) Vinyl Chloride	1.386	62	151879	111.868	ug/l	97
5) Bromomethane	1.611	94	75361	98.660	ug/l	94
6) Chloroethane	1.697	64	89532	108.805	ug/l	96
7) Trichlorofluoromethane	1.898	101	227688	110.449	ug/l	98
8) Diethyl Ether	2.148	74	77791	109.956	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	137759	108.929	ug/l	99
10) Methyl Iodide	2.465	142	174182	104.824	ug/l	99
11) Tert butyl alcohol	2.965	59	78366	571.345	ug/l	99
12) 1,1-Dichloroethene	2.331	96	134660	110.347	ug/l	98
13) Acrolein	2.246	56	108796	544.566	ug/l	99
14) Allyl chloride	2.678	41	243477	110.119	ug/l	100
15) Acrylonitrile	3.075	53	344981	559.348	ug/l	100
16) Acetone	2.386	43	263024	516.133	ug/l	99
17) Carbon Disulfide	2.526	76	383348	104.026	ug/l	98
18) Methyl Acetate	2.709	43	143551	110.909	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	419445	110.387	ug/l	98
20) Methylene Chloride	2.800	84	147144	103.828	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	140792	107.824	ug/l	97
22) Diisopropyl ether	3.770	45	466831	109.846	ug/l	98
23) Vinyl Acetate	3.733	43	1930136	571.126	ug/l	99
24) 1,1-Dichloroethane	3.623	63	258546	107.149	ug/l	98
25) 2-Butanone	4.562	43	409960	568.810	ug/l	99
26) 2,2-Dichloropropane	4.489	77	194006	110.239	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	163672	106.691	ug/l	99
28) Bromochloromethane	4.910	49	114720	104.869	ug/l	99
29) Tetrahydrofuran	5.013	42	265233	569.746	ug/l	100
30) Chloroform	5.105	83	260888	108.113	ug/l	96
31) Cyclohexane	5.477	56	237424	103.757	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	231101	109.198	ug/l	99
36) 1,1-Dichloropropene	5.702	75	183355	104.733	ug/l	98
37) Ethyl Acetate	4.721	43	171444	106.094	ug/l	97
38) Carbon Tetrachloride	5.690	117	200914	105.749	ug/l	98
39) Methylcyclohexane	7.385	83	246277	106.902	ug/l	99
40) Benzene	6.044	78	553336	106.798	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	97782	113.502	ug/l		97
42) 1,2-Dichloroethane	6.092	62	193498	106.278	ug/l		99
43) Isopropyl Acetate	6.342	43	291467	115.264	ug/l		100
44) Trichloroethene	7.129	130	142659	108.043	ug/l		96
45) 1,2-Dichloropropane	7.434	63	137291	106.920	ug/l		96
46) Dibromomethane	7.586	93	98964	107.240	ug/l		99
47) Bromodichloromethane	7.824	83	205870	109.319	ug/l		100
48) Methyl methacrylate	7.696	41	150002	118.279	ug/l		99
49) 1,4-Dioxane	7.659	88	38203	2040.447	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	843944	559.584	ug/l		100
52) Toluene	8.720	92	339735	105.772	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	203470	116.448	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	221241	111.537	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	127195	106.264	ug/l		99
56) Ethyl methacrylate	9.116	69	205153	116.106	ug/l		100
57) 1,3-Dichloropropane	9.305	76	220021	106.740	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	541734	590.219	ug/l		100
59) 2-Hexanone	9.427	43	587221	563.200	ug/l		100
60) Dibromochloromethane	9.519	129	153731	108.983	ug/l		99
61) 1,2-Dibromoethane	9.610	107	133253	109.444	ug/l		99
64) Tetrachloroethene	9.275	164	115774	103.876	ug/l		98
65) Chlorobenzene	10.079	112	374913	105.577	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131134	109.876	ug/l		99
67) Ethyl Benzene	10.189	91	663369	106.914	ug/l		100
68) m/p-Xylenes	10.299	106	492448	213.003	ug/l		100
69) o-Xylene	10.640	106	237631	109.675	ug/l		99
70) Styrene	10.653	104	407566	107.488	ug/l		99
71) Bromoform	10.799	173	101329	111.485	ug/l	#	99
73) Isopropylbenzene	10.957	105	628803	108.731	ug/l		100
74) N-amyl acetate	10.842	43	260620	118.945	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	176523	109.317	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	147349m	92.387	ug/l		
77) Bromobenzene	11.195	156	150110	107.864	ug/l		99
78) n-propylbenzene	11.299	91	743979	108.310	ug/l		100
79) 2-Chlorotoluene	11.360	91	434989	106.065	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	517286	108.848	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	57608	113.225	ug/l		96
82) 4-Chlorotoluene	11.451	91	506852	105.896	ug/l		99
83) tert-Butylbenzene	11.713	119	533235	108.548	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	518524	108.598	ug/l		100
85) sec-Butylbenzene	11.890	105	670896	108.062	ug/l		99
86) p-Isopropyltoluene	12.006	119	561258	107.145	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	280540	103.388	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	280884	100.779	ug/l		99
89) n-Butylbenzene	12.329	91	536268	107.822	ug/l		100
90) Hexachloroethane	12.536	117	101647	110.811	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	267432	105.466	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36858	115.616	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	196715	109.119	ug/l		99
94) Hexachlorobutadiene	13.725	225	80407	106.029	ug/l		98
95) Naphthalene	13.774	128	587914	114.468	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	189473	109.861	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

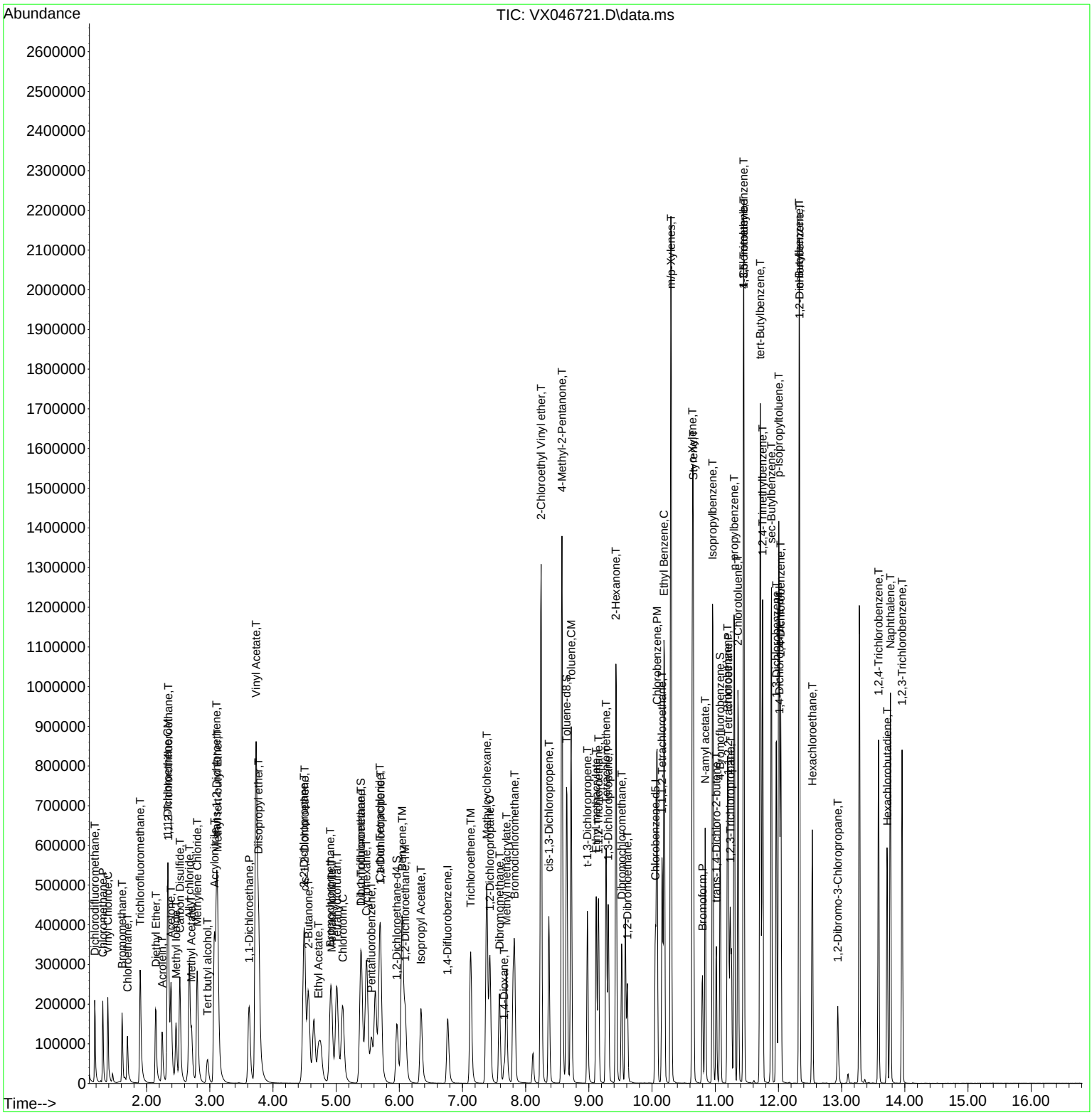
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	107848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75829	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230915	154.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 309.600%#			
35) Dibromofluoromethane	5.397	113	187536	158.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 317.860%#			
50) Toluene-d8	8.653	98	660221	155.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 311.460%#			
62) 4-Bromofluorobenzene	11.079	95	244007	154.404	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	193321	167.898	ug/l	99
3) Chloromethane	1.307	50	202755	163.144	ug/l	97
4) Vinyl Chloride	1.386	62	208285	157.161	ug/l	96
5) Bromomethane	1.612	94	90708	121.652	ug/l	97
6) Chloroethane	1.691	64	123323	153.530	ug/l	96
7) Trichlorofluoromethane	1.898	101	314552	156.313	ug/l	98
8) Diethyl Ether	2.142	74	108801	157.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	192071	155.583	ug/l	99
10) Methyl Iodide	2.465	142	243423	148.201	ug/l	99
11) Tert butyl alcohol	2.971	59	111150	830.155	ug/l	99
12) 1,1-Dichloroethene	2.331	96	188770	158.466	ug/l	97
13) Acrolein	2.246	56	156844	804.238	ug/l	99
14) Allyl chloride	2.678	41	340117	157.583	ug/l	99
15) Acrylonitrile	3.075	53	477449	793.036	ug/l	99
16) Acetone	2.386	43	378554	760.980	ug/l	99
17) Carbon Disulfide	2.526	76	535657	148.907	ug/l	99
18) Methyl Acetate	2.715	43	209349	165.695	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	585091	157.742	ug/l	99
20) Methylene Chloride	2.800	84	201983	146.004	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	192490	151.016	ug/l	99
22) Diisopropyl ether	3.770	45	638477	153.904	ug/l	99
23) Vinyl Acetate	3.733	43	2691267	815.794	ug/l	99
24) 1,1-Dichloroethane	3.623	63	360395	153.006	ug/l	98
25) 2-Butanone	4.562	43	570672	811.132	ug/l	99
26) 2,2-Dichloropropane	4.483	77	286713	166.896	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	227788	152.112	ug/l	99
28) Bromochloromethane	4.910	49	161801	151.520	ug/l	100
29) Tetrahydrofuran	5.013	42	370760	815.879	ug/l	100
30) Chloroform	5.105	83	358782	152.312	ug/l	99
31) Cyclohexane	5.483	56	330235	147.842	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	320382	155.082	ug/l	99
36) 1,1-Dichloropropene	5.702	75	256619	150.653	ug/l	99
37) Ethyl Acetate	4.721	43	245724	156.284	ug/l	99
38) Carbon Tetrachloride	5.684	117	284066	153.668	ug/l	99
39) Methylcyclohexane	7.385	83	346118	154.413	ug/l	100
40) Benzene	6.044	78	763341	151.423	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	142283	169.745	ug/l	94
42) 1,2-Dichloroethane	6.092	62	265740	150.011	ug/l	99
43) Isopropyl Acetate	6.342	43	412067	167.483	ug/l	99
44) Trichloroethene	7.129	130	195943	152.520	ug/l	99
45) 1,2-Dichloropropane	7.434	63	191181	153.025	ug/l	95
46) Dibromomethane	7.580	93	138541	154.297	ug/l	99
47) Bromodichloromethane	7.824	83	288826	157.630	ug/l	100
48) Methyl methacrylate	7.696	41	211908	171.734	ug/l	99
49) 1,4-Dioxane	7.659	88	54646	2987.386	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1173666	799.825	ug/l	100
52) Toluene	8.720	92	471273	150.800	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	288893	169.929	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	314965	163.198	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175973	151.099	ug/l	99
56) Ethyl methacrylate	9.116	69	288720	167.940	ug/l	99
57) 1,3-Dichloropropane	9.305	76	301418	150.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	754730	845.118	ug/l	100
59) 2-Hexanone	9.433	43	816655	805.005	ug/l	99
60) Dibromochloromethane	9.519	129	215347	156.904	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185268	156.392	ug/l	99
64) Tetrachloroethene	9.275	164	159752	146.895	ug/l	98
65) Chlorobenzene	10.080	112	517859	149.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	181981	156.268	ug/l	99
67) Ethyl Benzene	10.195	91	915724	151.251	ug/l	98
68) m/p-Xylenes	10.299	106	676085	299.697	ug/l	99
69) o-Xylene	10.640	106	328782	155.514	ug/l	98
70) Styrene	10.653	104	566606	153.143	ug/l	100
71) Bromoform	10.799	173	143229	161.498	ug/l	100
73) Isopropylbenzene	10.964	105	867728	155.374	ug/l	100
74) N-amyl acetate	10.842	43	369757	174.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	244406	156.730	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	202926m	131.753	ug/l	
77) Bromobenzene	11.195	156	207348	154.285	ug/l	98
78) n-propylbenzene	11.305	91	1025742	154.633	ug/l	100
79) 2-Chlorotoluene	11.366	91	595555	150.373	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707005	154.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86677	176.408	ug/l	93
82) 4-Chlorotoluene	11.451	91	697556	150.915	ug/l	99
83) tert-Butylbenzene	11.713	119	735750	155.093	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	719283	155.994	ug/l	100
85) sec-Butylbenzene	11.890	105	916769	152.910	ug/l	99
86) p-Isopropyltoluene	12.006	119	771998	152.610	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	391049	149.232	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	387139	143.836	ug/l	99
89) n-Butylbenzene	12.329	91	726563	151.271	ug/l	100
90) Hexachloroethane	12.536	117	142663	161.049	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	370234	151.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54014	175.448	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	263803	151.531	ug/l	97
94) Hexachlorobutadiene	13.725	225	95520	130.431	ug/l	100
95) Naphthalene	13.774	128	846206	170.609	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	262348	157.517	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

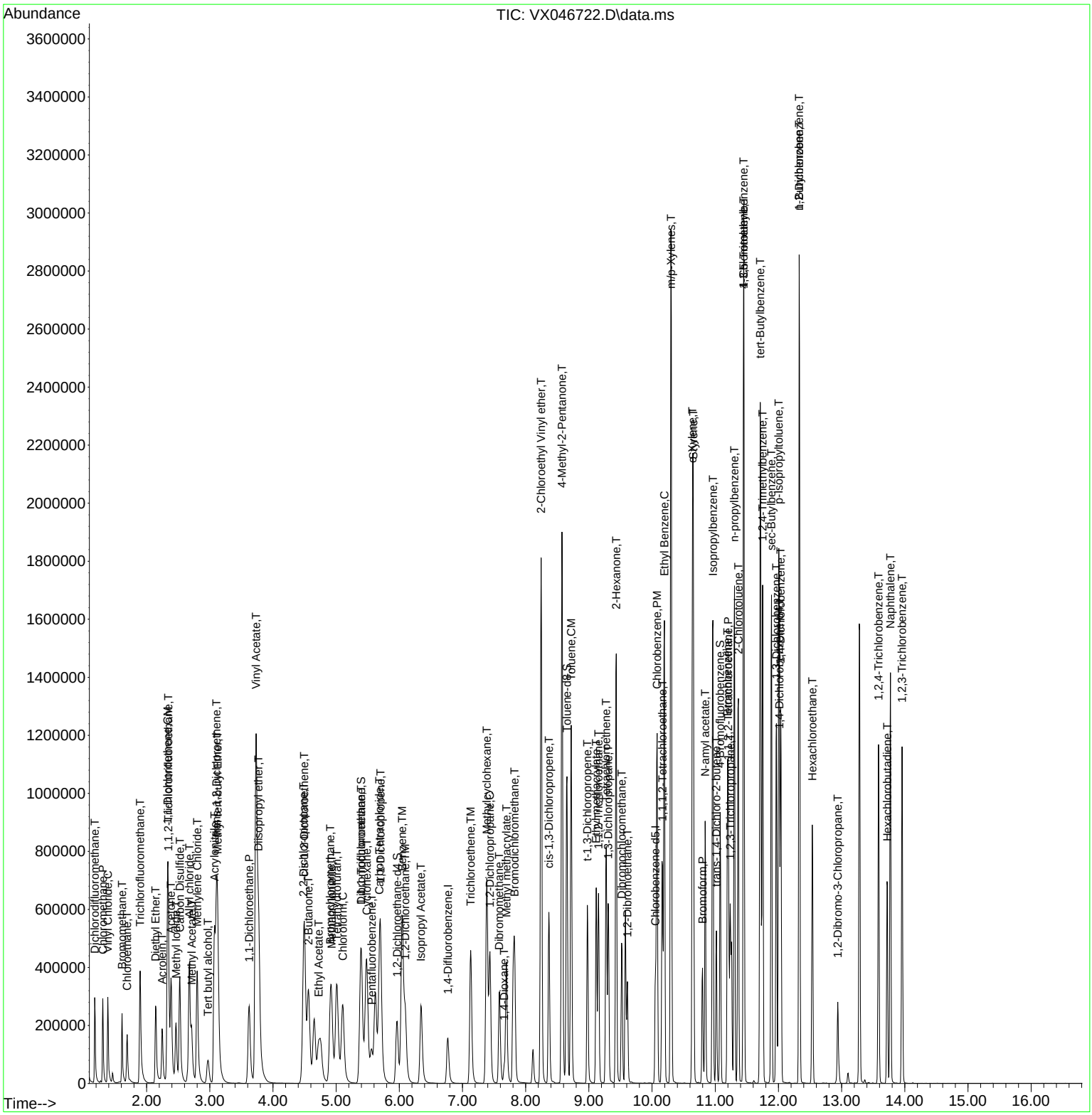
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	136219	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	226094	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	205370	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103593	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	1159	0.797	ug/l		83
3) Chloromethane	1.307	50	1322	0.842	ug/l		93
4) Vinyl Chloride	1.386	62	1419	0.848	ug/l		89
6) Chloroethane	1.703	64	905	0.892	ug/l		90
7) Trichlorofluoromethane	1.904	101	2062	0.811	ug/l		97
8) Diethyl Ether	2.148	74	722	0.828	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.343	101	1280	0.821	ug/l		99
12) 1,1-Dichloroethene	2.337	96	1228	0.816	ug/l	#	76
14) Allyl chloride	2.672	41	2386	0.875	ug/l		96
15) Acrylonitrile	3.081	53	3075	4.044	ug/l		96
16) Acetone	2.386	43	3424	5.449	ug/l	#	80
17) Carbon Disulfide	2.526	76	5092	1.121	ug/l		96
18) Methyl Acetate	2.721	43	1280	0.802	ug/l	#	87
19) Methyl tert-butyl Ether	3.129	73	3888	0.830	ug/l	#	89
20) Methylene Chloride	2.800	84	1736	0.994	ug/l		91
21) trans-1,2-Dichloroethene	3.111	96	1441	0.895	ug/l	#	81
22) Diisopropyl ether	3.770	45	4170	0.796	ug/l	#	71
23) Vinyl Acetate	3.745	43	15507	3.722	ug/l		95
24) 1,1-Dichloroethane	3.617	63	2648	0.890	ug/l	#	79
25) 2-Butanone	4.593	43	3422	3.851	ug/l		93
26) 2,2-Dichloropropane	4.489	77	1874m	0.864	ug/l		
27) cis-1,2-Dichloroethene	4.507	96	1698	0.898	ug/l		97
28) Bromochloromethane	4.922	49	1307	0.969	ug/l	#	91
29) Tetrahydrofuran	5.032	42	2212	3.854	ug/l	#	54
30) Chloroform	5.105	83	2336m	0.785	ug/l		
32) 1,1,1-Trichloroethane	5.391	97	2212	0.848	ug/l	#	50
36) 1,1-Dichloropropene	5.708	75	2016	0.934	ug/l		90
37) Ethyl Acetate	4.739	43	2002m	1.004	ug/l		
38) Carbon Tetrachloride	5.684	117	2124	0.906	ug/l		92
39) Methylcyclohexane	7.379	83	2485	0.875	ug/l		87
40) Benzene	6.044	78	5507	0.862	ug/l		97
41) Methacrylonitrile	4.965	41	857m	0.806	ug/l		
42) 1,2-Dichloroethane	6.098	62	1938	0.863	ug/l	#	75
43) Isopropyl Acetate	6.367	43	2218	0.711	ug/l	#	83
44) Trichloroethene	7.135	130	1448	0.889	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1380	0.871	ug/l	#	89

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	1030	0.905	ug/l		89
47) Bromodichloromethane	7.824	83	1825	0.786	ug/l	#	82
48) Methyl methacrylate	7.720	41	1050	0.671	ug/l	#	80
49) 1,4-Dioxane	7.671	88	56	28.694	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.580	43	7273	3.910	ug/l		97
52) Toluene	8.726	92	3393	0.856	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	1607	0.746	ug/l	#	87
54) cis-1,3-Dichloropropene	8.372	75	1971	0.806	ug/l	#	57
55) 1,1,2-Trichloroethane	9.153	97	1297	0.878	ug/l	#	83
56) Ethyl methacrylate	9.122	69	1477	0.678	ug/l		93
57) 1,3-Dichloropropane	9.311	76	2249	0.885	ug/l		95
58) 2-Chloroethyl Vinyl ether	8.251	63	3778	3.337	ug/l		92
59) 2-Hexanone	9.439	43	4833	3.758	ug/l		94
60) Dibromochloromethane	9.525	129	1436	0.825	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1209	0.805	ug/l		90
64) Tetrachloroethene	9.275	164	1399	0.983	ug/l		95
65) Chlorobenzene	10.073	112	4127	0.910	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	1242	0.815	ug/l	#	64
67) Ethyl Benzene	10.195	91	6967	0.880	ug/l		98
68) m/p-Xylenes	10.305	106	5214	1.767	ug/l		98
69) o-Xylene	10.646	106	2045	0.739	ug/l		80
70) Styrene	10.659	104	4077	0.842	ug/l		98
71) Bromoform	10.799	173	927	0.799	ug/l	#	96
73) Isopropylbenzene	10.963	105	6314	0.828	ug/l		97
74) N-amyl acetate	10.848	43	1921	0.665	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	1690	0.793	ug/l		93
76) 1,2,3-Trichloropropane	11.238	75	1346m	0.640	ug/l		
77) Bromobenzene	11.201	156	1541	0.839	ug/l		95
78) n-propylbenzene	11.305	91	7545	0.833	ug/l		98
79) 2-Chlorotoluene	11.366	91	4896	0.905	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	5174	0.825	ug/l		94
82) 4-Chlorotoluene	11.457	91	5664	0.897	ug/l		99
83) tert-Butylbenzene	11.713	119	5507	0.850	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	5087	0.808	ug/l		99
85) sec-Butylbenzene	11.890	105	6839	0.835	ug/l		98
86) p-Isopropyltoluene	12.006	119	6018	0.871	ug/l		92
87) 1,3-Dichlorobenzene	11.969	146	3509	0.980	ug/l		96
88) 1,4-Dichlorobenzene	12.036	146	4003m	1.089	ug/l		
89) n-Butylbenzene	12.335	91	6186	0.943	ug/l		96
90) Hexachloroethane	12.536	117	1081	0.893	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	3024	0.904	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	277	0.659	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	2424	1.019	ug/l		99
94) Hexachlorobutadiene	13.725	225	1025	1.025	ug/l		97
95) Naphthalene	13.780	128	5461	0.806	ug/l		96
96) 1,2,3-Trichlorobenzene	13.963	180	1982	0.871	ug/l		96

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

ICAL Form

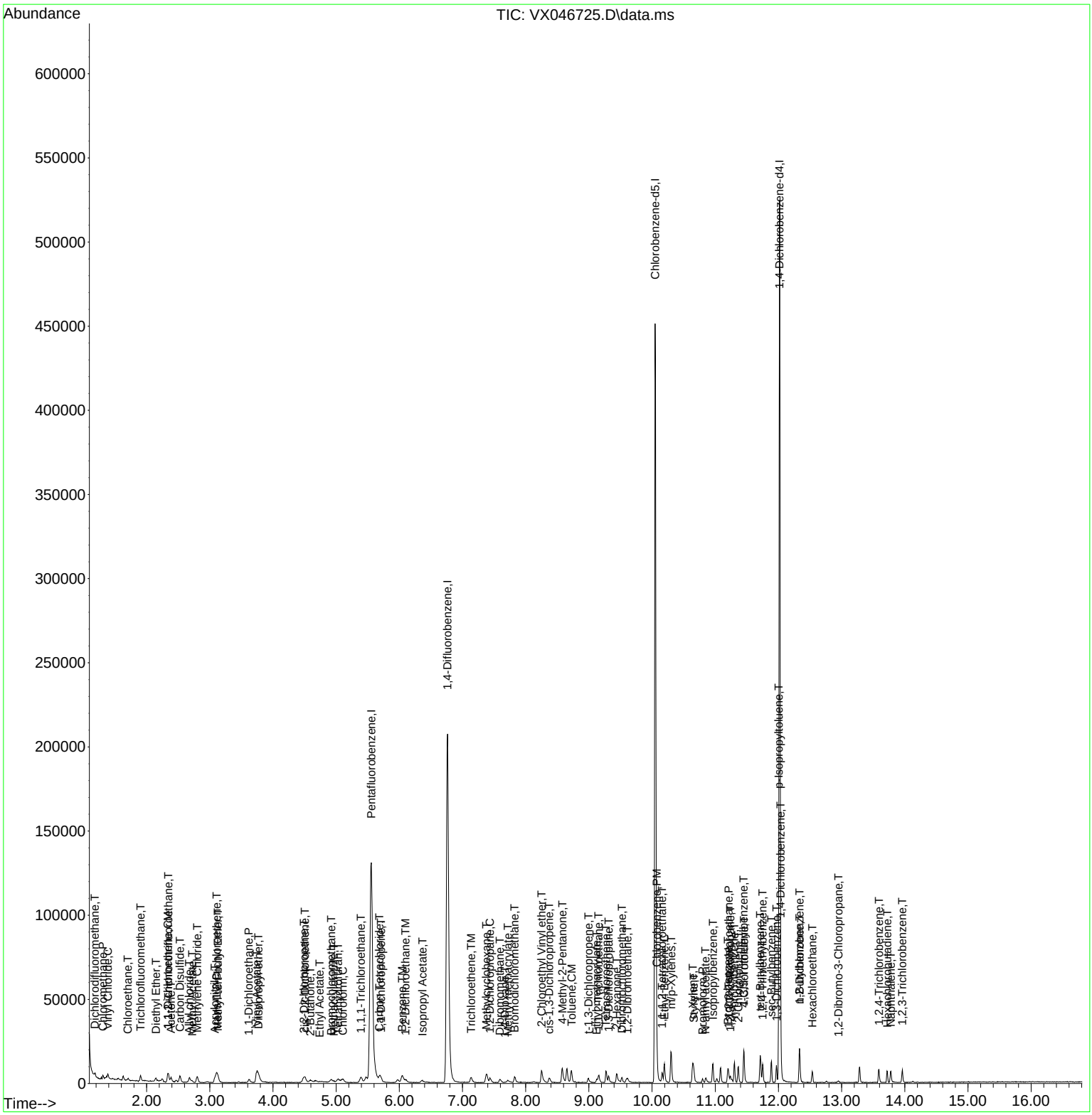
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	129144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81629	45.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.400%			
35) Dibromofluoromethane	5.397	113	66647	48.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.140%			
50) Toluene-d8	8.647	98	236781	47.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.080%			
62) 4-Bromofluorobenzene	11.079	95	88588	47.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	75554	54.798	ug/l	100
3) Chloromethane	1.307	50	76483	51.393	ug/l	99
4) Vinyl Chloride	1.386	62	82156	51.768	ug/l	95
5) Bromomethane	1.618	94	48957	54.831	ug/l	96
6) Chloroethane	1.703	64	49931	51.911	ug/l	99
7) Trichlorofluoromethane	1.904	101	123768	51.363	ug/l	98
8) Diethyl Ether	2.148	74	42437	51.316	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	75525	51.089	ug/l	99
10) Methyl Iodide	2.465	142	84139	45.861	ug/l	99
11) Tert butyl alcohol	2.959	59	40385	251.888	ug/l	100
12) 1,1-Dichloroethene	2.337	96	74097	51.945	ug/l	99
13) Acrolein	2.246	56	59544	254.972	ug/l	99
14) Allyl chloride	2.678	41	131610	50.922	ug/l	99
15) Acrylonitrile	3.075	53	187601	260.219	ug/l	98
16) Acetone	2.386	43	146745	246.347	ug/l	98
17) Carbon Disulfide	2.526	76	205516	47.710	ug/l	98
18) Methyl Acetate	2.715	43	80049	52.909	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226557	51.008	ug/l	99
20) Methylene Chloride	2.800	84	80668	48.696	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76889	50.375	ug/l	98
22) Diisopropyl ether	3.770	45	257775	51.890	ug/l	99
23) Vinyl Acetate	3.733	43	1044679	264.451	ug/l	100
24) 1,1-Dichloroethane	3.623	63	142442	50.502	ug/l	99
25) 2-Butanone	4.562	43	222870	264.542	ug/l	98
26) 2,2-Dichloropropane	4.483	77	104151	50.629	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89665	50.003	ug/l	99
28) Bromochloromethane	4.904	49	64330	50.308	ug/l	99
29) Tetrahydrofuran	5.013	42	143570	263.836	ug/l	99
30) Chloroform	5.105	83	144108	51.089	ug/l	98
31) Cyclohexane	5.483	56	132301	49.462	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	123796	50.042	ug/l	99
36) 1,1-Dichloropropene	5.702	75	100241	50.088	ug/l	99
37) Ethyl Acetate	4.721	43	94953	51.401	ug/l	99
38) Carbon Tetrachloride	5.690	117	109471	50.403	ug/l	98
39) Methylcyclohexane	7.385	83	132086	50.155	ug/l	97
40) Benzene	6.044	78	304346	51.385	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	54501	55.341	ug/l		97
42) 1,2-Dichloroethane	6.099	62	106085	50.970	ug/l		99
43) Isopropyl Acetate	6.342	43	155773	53.888	ug/l		99
44) Trichloroethene	7.129	130	76981	51.000	ug/l		97
45) 1,2-Dichloropropane	7.434	63	74773	50.940	ug/l		94
46) Dibromomethane	7.586	93	54149	51.329	ug/l		100
47) Bromodichloromethane	7.824	83	110823	51.479	ug/l		100
48) Methyl methacrylate	7.696	41	79868	55.091	ug/l		99
49) 1,4-Dioxane	7.659	88	20314	964.253	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	470527	272.916	ug/l		99
52) Toluene	8.720	92	188131	51.237	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	105435	52.785	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	117487	51.813	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	70739	51.698	ug/l		99
56) Ethyl methacrylate	9.116	69	109612	54.266	ug/l		100
57) 1,3-Dichloropropane	9.305	76	121649	51.625	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	293709	279.922	ug/l		100
59) 2-Hexanone	9.427	43	326564	273.982	ug/l		99
60) Dibromochloromethane	9.519	129	82234	50.997	ug/l		99
61) 1,2-Dibromoethane	9.610	107	72749	52.268	ug/l		98
64) Tetrachloroethene	9.275	164	62943	49.172	ug/l		98
65) Chlorobenzene	10.079	112	203947	50.006	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69709	50.856	ug/l		99
67) Ethyl Benzene	10.195	91	359779	50.487	ug/l		98
68) m/p-Xylenes	10.299	106	272935	102.789	ug/l		99
69) o-Xylene	10.640	106	130980	52.635	ug/l		97
70) Styrene	10.653	104	227060	52.139	ug/l		100
71) Bromoform	10.799	173	53660	51.404	ug/l	#	100
73) Isopropylbenzene	10.957	105	346098	51.083	ug/l		100
74) N-amyl acetate	10.842	43	138890	54.107	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	98960	52.310	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81355m	48.286	ug/l		
77) Bromobenzene	11.195	156	82515	50.611	ug/l		99
78) n-propylbenzene	11.305	91	412345	51.240	ug/l		100
79) 2-Chlorotoluene	11.360	91	239904	49.931	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	288104	51.746	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	29929	50.210	ug/l		99
82) 4-Chlorotoluene	11.451	91	280848	50.085	ug/l		98
83) tert-Butylbenzene	11.713	119	287513	49.958	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	286365	51.193	ug/l		99
85) sec-Butylbenzene	11.890	105	371523	51.079	ug/l		100
86) p-Isopropyltoluene	12.006	119	311698	50.791	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	154181	48.501	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	153158	46.906	ug/l		100
89) n-Butylbenzene	12.329	91	296174	50.829	ug/l		100
90) Hexachloroethane	12.536	117	52831	49.161	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	147561	49.672	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19851	53.151	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	104267	49.369	ug/l		99
94) Hexachlorobutadiene	13.719	225	45958	51.729	ug/l		98
95) Naphthalene	13.774	128	315669	52.462	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103451	51.200	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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

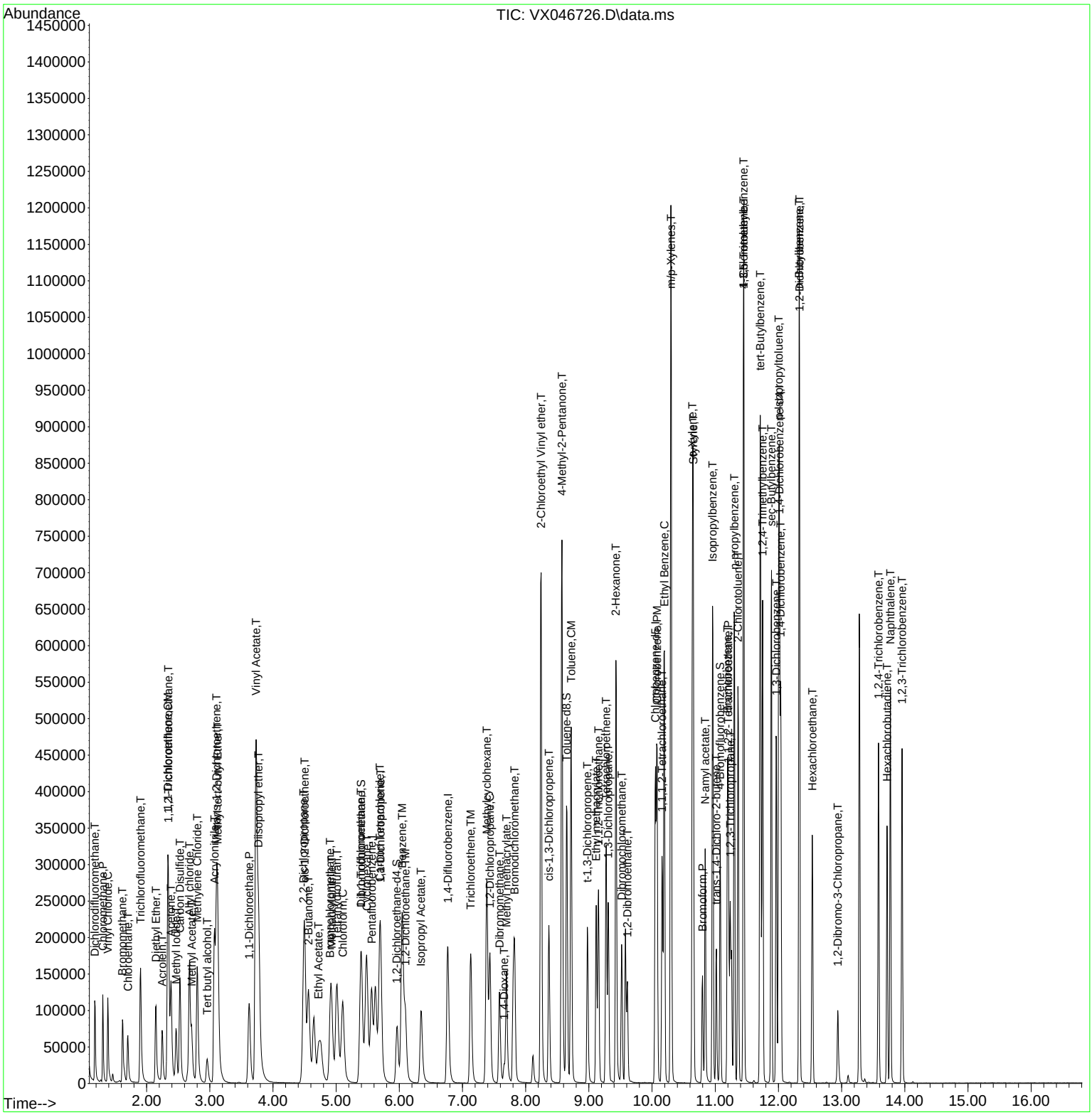
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	105	0.00
2	T	Dichlorodifluoromethane	0.534	0.585	-9.6	105	0.00
3	P	Chloromethane	0.576	0.592	-2.8	105	0.00
4	C	Vinyl Chloride	0.614	0.636	-3.6#	105	0.00
5	T	Bromomethane	0.346	0.379	-9.5	108	0.00
6	T	Chloroethane	0.372	0.387	-4.0	107	0.00
7	T	Trichlorofluoromethane	0.933	0.958	-2.7	104	0.00
8	T	Diethyl Ether	0.320	0.329	-2.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.585	-2.3	106	0.00
10	T	Methyl Iodide	0.642	0.652	-1.6	104	0.00
11	T	Tert butyl alcohol	0.062	0.063	-1.6	106	0.00
12	CM	1,1-Dichloroethene	0.552	0.574	-4.0#	106	0.00
13	T	Acrolein	0.090	0.092	-2.2	111	0.00
14	T	Allyl chloride	1.001	1.019	-1.8	107	0.00
15	T	Acrylonitrile	0.279	0.291	-4.3	107	0.00
16	T	Acetone	0.231	0.227	1.7	108	0.00
17	T	Carbon Disulfide	1.668	1.591	4.6	104	0.00
18	T	Methyl Acetate	0.586	0.620	-5.8	112	0.00
19	T	Methyl tert-butyl Ether	1.720	1.754	-2.0	105	0.00
20	T	Methylene Chloride	0.641	0.625	2.5	107	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.595	-0.7	106	0.00
22	T	Diisopropyl ether	1.923	1.996	-3.8	106	0.00
23	T	Vinyl Acetate	1.529	1.618	-5.8	106	0.00
24	P	1,1-Dichloroethane	1.092	1.103	-1.0	106	0.00
25	T	2-Butanone	0.326	0.345	-5.8	107	0.00
26	T	2,2-Dichloropropane	0.796	0.806	-1.3	111	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.694	0.0	106	0.00
28	T	Bromochloromethane	0.495	0.498	-0.6	107	0.00
29	T	Tetrahydrofuran	0.211	0.222	-5.2	107	0.00
30	C	Chloroform	1.092	1.116	-2.2#	105	0.00
31	T	Cyclohexane	1.036	1.024	1.2	106	0.00
32	T	1,1,1-Trichloroethane	0.958	0.959	-0.1	105	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.632	8.7	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.331	0.318	3.9	102	0.00
36	T	1,1-Dichloropropene	0.478	0.478	0.0	103	0.00
37	T	Ethyl Acetate	0.441	0.453	-2.7	108	0.00
38	T	Carbon Tetrachloride	0.518	0.522	-0.8	104	0.00
39	T	Methylcyclohexane	0.628	0.630	-0.3	103	0.00
40	TM	Benzene	1.413	1.452	-2.8	105	0.00
41	T	Methacrylonitrile	0.235	0.260	-10.6	112	0.00
42	TM	1,2-Dichloroethane	0.497	0.506	-1.8	105	0.00
43	T	Isopropyl Acetate	0.690	0.743	-7.7	106	0.00
44	TM	Trichloroethene	0.360	0.367	-1.9	106	0.00
45	C	1,2-Dichloropropane	0.350	0.357	-2.0#	106	0.00
46	T	Dibromomethane	0.252	0.258	-2.4	106	0.00
47	T	Bromodichloromethane	0.514	0.529	-2.9	104	0.00
48	T	Methyl methacrylate	0.346	0.381	-10.1	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	103	0.00
50	S	Toluene-d8	1.189	1.130	5.0	101	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.449	-9.2	108	0.00
52	CM	Toluene	0.876	0.898	-2.5#	104	0.00
53	T	t-1,3-Dichloropropene	0.477	0.503	-5.5	106	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.561	-3.7	105	0.00
55	T	1,1,2-Trichloroethane	0.327	0.338	-3.4	106	0.00
56	T	Ethyl methacrylate	0.482	0.523	-8.5	106	0.00
57	T	1,3-Dichloropropane	0.562	0.581	-3.4	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.280	-12.0	102	0.00
59	T	2-Hexanone	0.284	0.312	-9.9	108	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	104	0.00
61	T	1,2-Dibromoethane	0.332	0.347	-4.5	106	0.00
62	S	4-Bromofluorobenzene	0.443	0.423	4.5	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.346	0.341	1.4	103	0.00
65	PM	Chlorobenzene	1.104	1.104	0.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.377	-1.6	104	0.00
67	C	Ethyl Benzene	1.929	1.947	-0.9#	104	0.00
68	T	m/p-Xylenes	0.719	0.739	-2.8	105	0.00
69	T	o-Xylene	0.673	0.709	-5.3	106	0.00
70	T	Styrene	1.179	1.229	-4.2	105	0.00
71	P	Bromoform	0.282	0.290	-2.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.682	3.762	-2.2	104	0.00
74	T	N-amyl acetate	1.395	1.510	-8.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	1.076	-4.7	107	0.00
76	T	1,2,3-Trichloropropane	0.916	0.884	3.5	92	0.00
77	T	Bromobenzene	0.886	0.897	-1.2	104	0.00
78	T	n-propylbenzene	4.374	4.482	-2.5	105	0.00
79	T	2-Chlorotoluene	2.611	2.608	0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.132	-3.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.325	-0.3	108	0.00
82	T	4-Chlorotoluene	3.048	3.053	-0.2	104	0.00
83	T	tert-Butylbenzene	3.128	3.125	0.1	103	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.113	-2.4	105	0.00
85	T	sec-Butylbenzene	3.953	4.039	-2.2	104	0.00
86	T	p-Isopropyltoluene	3.336	3.388	-1.6	105	0.00
87	T	1,3-Dichlorobenzene	1.728	1.676	3.0	103	0.00
88	T	1,4-Dichlorobenzene	1.775	1.665	6.2	104	0.00
89	T	n-Butylbenzene	3.167	3.220	-1.7	105	0.00
90	T	Hexachloroethane	0.584	0.574	1.7	102	0.00
91	T	1,2-Dichlorobenzene	1.615	1.604	0.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.216	-6.4	106	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.133	1.3	104	0.00
94	T	Hexachlorobutadiene	0.483	0.500	-3.5	108	0.00
95	T	Naphthalene	3.270	3.431	-4.9	106	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	1.125	-2.5	107	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\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	105	0.00
2	T	Dichlorodifluoromethane	50.000	54.798	-9.6	105	0.00
3	P	Chloromethane	50.000	51.393	-2.8	105	0.00
4	C	Vinyl Chloride	50.000	51.768	-3.5#	105	0.00
5	T	Bromomethane	50.000	54.831	-9.7	108	0.00
6	T	Chloroethane	50.000	51.911	-3.8	107	0.00
7	T	Trichlorofluoromethane	50.000	51.363	-2.7	104	0.00
8	T	Diethyl Ether	50.000	51.316	-2.6	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.089	-2.2	106	0.00
10	T	Methyl Iodide	50.000	45.861	8.3	104	0.00
11	T	Tert butyl alcohol	250.000	251.888	-0.8	106	0.00
12	CM	1,1-Dichloroethene	50.000	51.945	-3.9#	106	0.00
13	T	Acrolein	250.000	254.972	-2.0	111	0.00
14	T	Allyl chloride	50.000	50.922	-1.8	107	0.00
15	T	Acrylonitrile	250.000	260.219	-4.1	107	0.00
16	T	Acetone	250.000	246.347	1.5	108	0.00
17	T	Carbon Disulfide	50.000	47.710	4.6	104	0.00
18	T	Methyl Acetate	50.000	52.909	-5.8	112	0.00
19	T	Methyl tert-butyl Ether	50.000	51.008	-2.0	105	0.00
20	T	Methylene Chloride	50.000	48.696	2.6	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.375	-0.8	106	0.00
22	T	Diisopropyl ether	50.000	51.890	-3.8	106	0.00
23	T	Vinyl Acetate	250.000	264.451	-5.8	106	0.00
24	P	1,1-Dichloroethane	50.000	50.502	-1.0	106	0.00
25	T	2-Butanone	250.000	264.542	-5.8	107	0.00
26	T	2,2-Dichloropropane	50.000	50.629	-1.3	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.003	-0.0	106	0.00
28	T	Bromochloromethane	50.000	50.308	-0.6	107	0.00
29	T	Tetrahydrofuran	250.000	263.836	-5.5	107	0.00
30	C	Chloroform	50.000	51.089	-2.2#	105	0.00
31	T	Cyclohexane	50.000	49.462	1.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	50.042	-0.1	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.697	8.6	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	48.072	3.9	102	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	51.401	-2.8	108	0.00
38	T	Carbon Tetrachloride	50.000	50.403	-0.8	104	0.00
39	T	Methylcyclohexane	50.000	50.155	-0.3	103	0.00
40	TM	Benzene	50.000	51.385	-2.8	105	0.00
41	T	Methacrylonitrile	50.000	55.341	-10.7	112	0.00
42	TM	1,2-Dichloroethane	50.000	50.970	-1.9	105	0.00
43	T	Isopropyl Acetate	50.000	53.888	-7.8	106	0.00
44	TM	Trichloroethene	50.000	51.000	-2.0	106	0.00
45	C	1,2-Dichloropropane	50.000	50.940	-1.9#	106	0.00
46	T	Dibromomethane	50.000	51.329	-2.7	106	0.00
47	T	Bromodichloromethane	50.000	51.479	-3.0	104	0.00
48	T	Methyl methacrylate	50.000	55.091	-10.2	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	964.253	3.6	103	0.00
50	S	Toluene-d8	50.000	47.537	4.9	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.916	-9.2	108	0.00
52	CM	Toluene	50.000	51.237	-2.5#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	52.785	-5.6	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.813	-3.6	105	0.00
55	T	1,1,2-Trichloroethane	50.000	51.698	-3.4	106	0.00
56	T	Ethyl methacrylate	50.000	54.266	-8.5	106	0.00
57	T	1,3-Dichloropropane	50.000	51.625	-3.3	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.922	-12.0	102	0.00
59	T	2-Hexanone	250.000	273.982	-9.6	108	0.00
60	T	Dibromochloromethane	50.000	50.997	-2.0	104	0.00
61	T	1,2-Dibromoethane	50.000	52.268	-4.5	106	0.00
62	S	4-Bromofluorobenzene	50.000	47.712	4.6	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	49.172	1.7	103	0.00
65	PM	Chlorobenzene	50.000	50.006	-0.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.856	-1.7	104	0.00
67	C	Ethyl Benzene	50.000	50.487	-1.0#	104	0.00
68	T	m/p-Xylenes	100.000	102.789	-2.8	105	0.00
69	T	o-Xylene	50.000	52.635	-5.3	106	0.00
70	T	Styrene	50.000	52.139	-4.3	105	0.00
71	P	Bromoform	50.000	51.404	-2.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.083	-2.2	104	0.00
74	T	N-amyl acetate	50.000	54.107	-8.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.310	-4.6	107	0.00
76	T	1,2,3-Trichloropropane	50.000	48.286	3.4	92	0.00
77	T	Bromobenzene	50.000	50.611	-1.2	104	0.00
78	T	n-propylbenzene	50.000	51.240	-2.5	105	0.00
79	T	2-Chlorotoluene	50.000	49.931	0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.746	-3.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.210	-0.4	108	0.00
82	T	4-Chlorotoluene	50.000	50.085	-0.2	104	0.00
83	T	tert-Butylbenzene	50.000	49.958	0.1	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.193	-2.4	105	0.00
85	T	sec-Butylbenzene	50.000	51.079	-2.2	104	0.00
86	T	p-Isopropyltoluene	50.000	50.791	-1.6	105	0.00
87	T	1,3-Dichlorobenzene	50.000	48.501	3.0	103	0.00
88	T	1,4-Dichlorobenzene	50.000	46.906	6.2	104	0.00
89	T	n-Butylbenzene	50.000	50.829	-1.7	105	0.00
90	T	Hexachloroethane	50.000	49.161	1.7	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.672	0.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.151	-6.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.369	1.3	104	0.00
94	T	Hexachlorobutadiene	50.000	51.729	-3.5	108	0.00
95	T	Naphthalene	50.000	52.462	-4.9	106	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	51.200	-2.4	107	0.00

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

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022776.D RRF010 = VY022777.D RRF020 = VY022778.D
RRF050 = VY022779.D RRF100 = VY022780.D RRF150 = VY022781.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.424	0.456	0.474	0.424	0.404	0.384	0.428	7.7
Chloromethane	0.837	0.921	0.865	0.793	0.758	0.724	0.816	8.9
Vinyl Chloride	0.934	1.099	1.091	1.045	0.993	0.958	1.020	6.8
Bromomethane	0.784	0.885	0.854	0.771	0.760	0.756	0.802	6.8
Chloroethane	0.649	0.736	0.722	0.694	0.673	0.640	0.686	5.6
Trichlorofluoromethane	0.999	1.180	1.219	1.166	1.127	1.085	1.129	7
1,1,2-Trichlorotrifluoroethane	0.508	0.560	0.547	0.515	0.492	0.474	0.516	6.3
1,1-Dichloroethene	0.478	0.539	0.524	0.514	0.500	0.483	0.506	4.7
Acetone	0.117	0.124	0.114	0.095	0.096	0.087	0.105	13.9
Carbon Disulfide	1.516	1.705	1.731	1.667	1.625	1.566	1.635	5.1
Methyl tert-butyl Ether	1.173	1.398	1.396	1.435	1.460	1.405	1.378	7.5
Methyl Acetate	0.272	0.358	0.440	0.351	0.353	0.322	0.349	15.7
Methylene Chloride	0.840	0.777	0.664	0.590	0.578	0.548	0.666	17.7
trans-1,2-Dichloroethene	0.521	0.604	0.597	0.592	0.581	0.575	0.578	5.2
1,1-Dichloroethane	0.949	1.075	1.079	1.077	1.055	1.030	1.044	4.8
Cyclohexane	0.998	1.021	0.988	0.946	0.905	0.894	0.959	5.4
2-Butanone	0.145	0.160	0.160	0.153	0.156	0.147	0.154	4.4
Carbon Tetrachloride	0.439	0.498	0.507	0.491	0.492	0.491	0.486	5
cis-1,2-Dichloroethene	0.606	0.689	0.687	0.685	0.687	0.678	0.672	4.8
Bromochloromethane	0.437	0.431	0.437	0.459	0.443	0.427	0.439	2.6
Chloroform	0.986	1.130	1.099	1.096	1.084	1.059	1.076	4.6
1,1,1-Trichloroethane	0.847	0.945	0.973	0.950	0.939	0.923	0.929	4.7
Methylcyclohexane	0.543	0.589	0.610	0.618	0.608	0.611	0.596	4.7
Benzene	1.248	1.433	1.451	1.464	1.467	1.440	1.417	5.9
1,2-Dichloroethane	0.335	0.397	0.402	0.400	0.404	0.392	0.388	6.8
Trichloroethene	0.305	0.364	0.382	0.372	0.360	0.350	0.356	7.6
1,2-Dichloropropane	0.289	0.339	0.345	0.339	0.341	0.337	0.332	6.4
Bromodichloromethane	0.422	0.495	0.496	0.498	0.504	0.498	0.485	6.4
4-Methyl-2-Pentanone	0.168	0.201	0.215	0.226	0.230	0.221	0.210	10.9
Toluene	0.747	0.873	0.908	0.926	0.955	0.954	0.894	8.8

* 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

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022776.D RRF010 = VY022777.D RRF020 = VY022778.D
RRF050 = VY022779.D RRF100 = VY022780.D RRF150 = VY022781.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.355	0.430	0.438	0.451	0.473	0.473	0.437	10
cis-1,3-Dichloropropene	0.412	0.503	0.523	0.524	0.540	0.538	0.506	9.6
1,1,2-Trichloroethane	0.207	0.249	0.249	0.253	0.255	0.250	0.244	7.4
2-Hexanone	0.115	0.140	0.145	0.151	0.157	0.149	0.143	10.5
Dibromochloromethane	0.260	0.315	0.321	0.329	0.336	0.329	0.315	8.8
1,2-Dibromoethane	0.193	0.231	0.229	0.237	0.244	0.236	0.228	7.8
Tetrachloroethene	0.399	0.465	0.535	0.515	0.473	0.446	0.472	10.3
Chlorobenzene	0.981	1.110	1.131	1.126	1.130	1.114	1.099	5.3
Ethyl Benzene	1.644	1.881	1.971	2.029	2.040	2.018	1.930	7.9
m/p-Xylenes	0.624	0.722	0.759	0.782	0.800	0.791	0.746	8.8
o-Xylene	0.578	0.674	0.708	0.734	0.759	0.765	0.703	10
Styrene	0.926	1.108	1.165	1.249	1.309	1.309	1.178	12.5
Bromoform	0.178	0.204	0.203	0.212	0.225	0.220	0.207	8
Isopropylbenzene	3.354	3.764	3.823	3.778	3.709	3.759	3.698	4.7
1,1,2,2-Tetrachloroethane	0.597	0.659	0.566	0.567	0.594	0.593	0.596	5.6
1,3-Dichlorobenzene	1.546	1.660	1.692	1.708	1.750	1.744	1.683	4.5
1,4-Dichlorobenzene	1.564	1.740	1.688	1.685	1.690	1.666	1.672	3.5
1,2-Dichlorobenzene	1.395	1.488	1.502	1.499	1.515	1.502	1.483	3
1,2-Dibromo-3-Chloropropane	0.102	0.101	0.103	0.103	0.102	0.096	0.101	2.7
1,2,4-Trichlorobenzene	0.778	0.841	0.848	0.843	0.871	0.845	0.838	3.7
1,2,3-Trichlorobenzene	0.679	0.723	0.735	0.728	0.751	0.727	0.724	3.3
1,2-Dichloroethane-d4	0.568	0.550	0.557	0.559	0.571	0.545	0.558	1.8
Dibromofluoromethane	0.306	0.297	0.295	0.304	0.314	0.308	0.304	2.3
Toluene-d8	1.182	1.148	1.186	1.215	1.262	1.247	1.207	3.6
4-Bromofluorobenzene	0.368	0.362	0.370	0.385	0.423	0.421	0.388	7

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

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y062325S.M
Title : SW846 8260
Last Update : Tue Jun 24 08:29:52 2025
Response Via : Initial Calibration

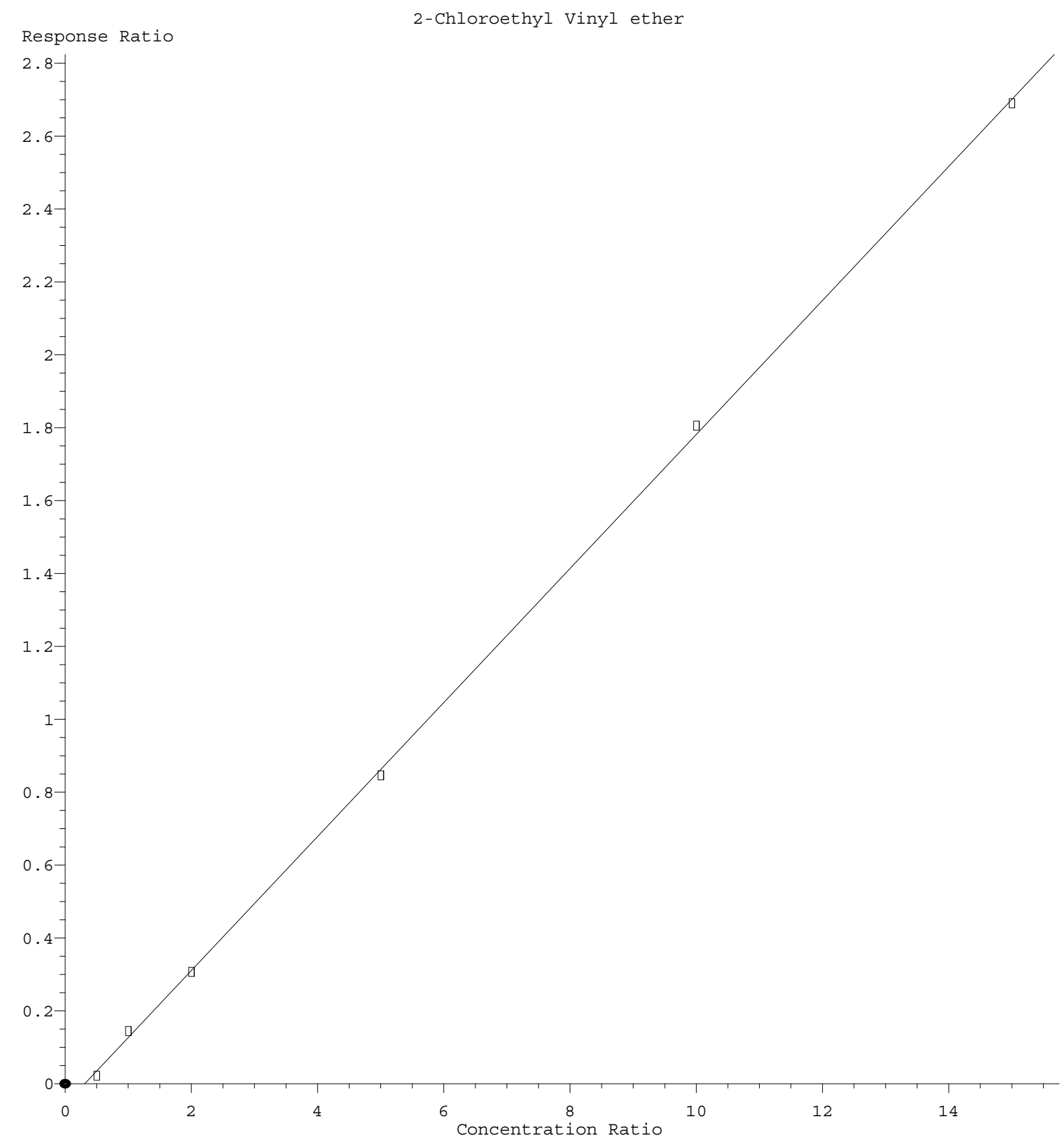
Calibration Files
5 =VY022776.D 10 =VY022777.D 20 =VY022778.D 50 =VY022779.D 100 =VY022780.D 150 =VY022781.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.424	0.456	0.474	0.424	0.404	0.384	0.428	7.74
3)	P	Chloromethane	0.837	0.921	0.865	0.793	0.758	0.724	0.816	8.89
4)	C	Vinyl Chloride	0.934	1.099	1.091	1.045	0.993	0.958	1.020	6.78#
5)	T	Bromomethane	0.784	0.885	0.854	0.771	0.760	0.756	0.802	6.77
6)	T	Chloroethane	0.649	0.736	0.722	0.694	0.673	0.640	0.686	5.64
7)	T	Trichlorofluor...	0.999	1.180	1.219	1.166	1.127	1.085	1.129	6.96
8)	T	Diethyl Ether	0.260	0.289	0.287	0.285	0.281	0.271	0.279	3.93
9)	T	1,1,2-Trichlor...	0.508	0.560	0.547	0.515	0.492	0.474	0.516	6.35
10)	T	Methyl Iodide	0.451	0.542	0.567	0.626	0.611	0.575	0.562	11.12
11)	T	Tert butyl alc...	0.034	0.037	0.038	0.038	0.039	0.036	0.037	4.97
12)	CM	1,1-Dichloroet...	0.478	0.539	0.524	0.514	0.500	0.483	0.506	4.68#
13)	T	Acrolein	0.052	0.051	0.053	0.049	0.049	0.047	0.050	4.22
14)	T	Allyl chloride	0.687	0.803	0.805	0.797	0.790	0.789	0.778	5.80
15)	T	Acrylonitrile	0.105	0.116	0.120	0.121	0.122	0.116	0.116	5.45
16)	T	Acetone	0.117	0.124	0.114	0.095	0.096	0.087	0.105	13.91
17)	T	Carbon Disulfide	1.516	1.705	1.731	1.667	1.625	1.566	1.635	5.06
18)	T	Methyl Acetate	0.272	0.358	0.440	0.351	0.353	0.322	0.349	15.66
19)	T	Methyl tert-bu...	1.173	1.398	1.396	1.435	1.460	1.405	1.378	7.50
20)	T	Methylene Chlo...	0.840	0.777	0.664	0.590	0.578	0.548	0.666	17.74
21)	T	trans-1,2-Dich...	0.521	0.604	0.597	0.592	0.581	0.575	0.578	5.19
22)	T	Diisopropyl ether	1.460	1.762	1.779	1.789	1.804	1.778	1.729	7.65
23)	T	Vinyl Acetate	0.830	0.942	0.920	1.010	1.024	1.003	0.955	7.72
24)	P	1,1-Dichloroet...	0.949	1.075	1.079	1.077	1.055	1.030	1.044	4.83
25)	T	2-Butanone	0.145	0.160	0.160	0.153	0.156	0.147	0.154	4.37
26)	T	2,2-Dichloropr...	0.801	0.930	0.927	0.884	0.863	0.847	0.875	5.65
27)	T	cis-1,2-Dichlo...	0.606	0.689	0.687	0.685	0.687	0.678	0.672	4.84
28)	T	Bromochloromet...	0.437	0.431	0.437	0.459	0.443	0.427	0.439	2.59
29)	T	Tetrahydrofuran	0.087	0.095	0.098	0.102	0.103	0.097	0.097	6.02
30)	C	Chloroform	0.986	1.130	1.099	1.096	1.084	1.059	1.076	4.60#
31)	T	Cyclohexane	0.998	1.021	0.988	0.946	0.905	0.894	0.959	5.41
32)	T	1,1,1-Trichlor...	0.847	0.945	0.973	0.950	0.939	0.923	0.929	4.68
33)	S	1,2-Dichloroet...	0.568	0.550	0.557	0.559	0.571	0.545	0.558	1.77
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.306	0.297	0.295	0.304	0.314	0.308	0.304	2.31
36)	T	1,1-Dichloropr...	0.420	0.473	0.472	0.469	0.468	0.465	0.461	4.42
37)	T	Ethyl Acetate	0.181	0.198	0.198	0.206	0.210	0.200	0.199	5.09
38)	T	Carbon Tetrach...	0.439	0.498	0.507	0.491	0.492	0.491	0.486	4.98
39)	T	Methylcyclohexane	0.543	0.589	0.610	0.618	0.608	0.611	0.596	4.65
40)	TM	Benzene	1.248	1.433	1.451	1.464	1.467	1.440	1.417	5.92
41)	T	Methacrylonitrile	0.118	0.137	0.129	0.120	0.108	0.123	0.122	8.16
42)	TM	1,2-Dichloroet...	0.335	0.397	0.402	0.400	0.404	0.392	0.388	6.79
43)	T	Isopropyl Acetate	0.348	0.408	0.424	0.436	0.442	0.424	0.413	8.29
44)	TM	Trichloroethene	0.305	0.364	0.382	0.372	0.360	0.350	0.356	7.60
45)	C	1,2-Dichloropr...	0.289	0.339	0.345	0.339	0.341	0.337	0.332	6.35#
46)	T	Dibromomethane	0.169	0.193	0.192	0.191	0.194	0.190	0.188	4.94
47)	T	Bromodichlorom...	0.422	0.495	0.496	0.498	0.504	0.498	0.485	6.40
48)	T	Methyl methacr...	0.151	0.193	0.208	0.214	0.219	0.207	0.199	12.57
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.51
50)	S	Toluene-d8	1.182	1.148	1.186	1.215	1.262	1.247	1.207	3.57
51)	T	4-Methyl-2-Pen...	0.168	0.201	0.215	0.226	0.230	0.221	0.210	10.86
52)	CM	Toluene	0.747	0.873	0.908	0.926	0.955	0.954	0.894	8.76#
53)	T	t-1,3-Dichloro...	0.355	0.430	0.438	0.451	0.473	0.473	0.437	10.03
54)	T	cis-1,3-Dichlo...	0.412	0.503	0.523	0.524	0.540	0.538	0.506	9.55
55)	T	1,1,2-Trichlor...	0.207	0.249	0.249	0.253	0.255	0.250	0.244	7.40
56)	T	Ethyl methacry...	0.258	0.296	0.315	0.354	0.372	0.374	0.328	14.17

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y062325S.M

57)	T	1,3-Dichloropr...	0.371	0.428	0.439	0.438	0.442	0.433	0.425	6.39
58)	T	2-Chloroethyl ...	0.044	0.145	0.154	0.169	0.181	0.179	0.145	35.44
59)	T	2-Hexanone	0.115	0.140	0.145	0.151	0.157	0.149	0.143	10.48
60)	T	Dibromochlorom...	0.260	0.315	0.321	0.329	0.336	0.329	0.315	8.82
61)	T	1,2-Dibromoethane	0.193	0.231	0.229	0.237	0.244	0.236	0.228	7.81
62)	S	4-Bromofluorob...	0.368	0.362	0.370	0.385	0.423	0.421	0.388	7.02
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.399	0.465	0.535	0.515	0.473	0.446	0.472	10.30
65)	PM	Chlorobenzene	0.981	1.110	1.131	1.126	1.130	1.114	1.099	5.30
66)	T	1,1,1,2-Tetrac...	0.315	0.377	0.377	0.385	0.393	0.386	0.372	7.76
67)	C	Ethyl Benzene	1.644	1.881	1.971	2.029	2.040	2.018	1.930	7.88#
68)	T	m/p-Xylenes	0.624	0.722	0.759	0.782	0.800	0.791	0.746	8.85
69)	T	o-Xylene	0.578	0.674	0.708	0.734	0.759	0.765	0.703	9.99
70)	T	Styrene	0.926	1.108	1.165	1.249	1.309	1.309	1.178	12.49
71)	P	Bromoform	0.178	0.204	0.203	0.212	0.225	0.220	0.207	8.02
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.354	3.764	3.823	3.778	3.709	3.759	3.698	4.67
74)	T	N-amyl acetate	0.680	0.794	0.814	0.897	0.896	0.900	0.830	10.47
75)	P	1,1,2,2-Tetrac...	0.597	0.659	0.566	0.567	0.594	0.593	0.596	5.65
76)	T	1,2,3-Trichlor...	0.559	0.516	0.514	0.510	0.489	0.474	0.510	5.67
77)	T	Bromobenzene	0.762	0.859	0.854	0.852	0.847	0.855	0.838	4.46
78)	T	n-propylbenzene	4.147	4.548	4.635	4.562	4.453	4.444	4.465	3.84
79)	T	2-Chlorotoluene	2.325	2.536	2.601	2.576	2.556	2.541	2.522	3.95
80)	T	1,3,5-Trimethy...	2.664	2.991	3.077	3.062	3.068	3.049	2.985	5.37
81)	T	trans-1,4-Dich...	0.179	0.208	0.210	0.199	0.212	0.205	0.202	5.96
82)	T	4-Chlorotoluene	2.411	2.686	2.688	2.697	2.718	2.698	2.650	4.43
83)	T	tert-Butylbenzene	2.410	2.643	2.647	2.720	2.670	2.706	2.633	4.31
84)	T	1,2,4-Trimethy...	2.551	3.002	3.081	3.098	3.101	3.099	2.989	7.28
85)	T	sec-Butylbenzene	3.629	3.998	4.083	4.097	4.016	3.943	3.961	4.35
86)	T	p-Isopropyltol...	2.887	3.282	3.338	3.414	3.442	3.415	3.296	6.34
87)	T	1,3-Dichlorobe...	1.546	1.660	1.692	1.708	1.750	1.744	1.683	4.47
88)	T	1,4-Dichlorobe...	1.564	1.740	1.688	1.685	1.690	1.666	1.672	3.50
89)	T	n-Butylbenzene	2.814	3.124	3.194	3.204	3.160	3.107	3.101	4.69
90)	T	Hexachloroethane	0.618	0.664	0.670	0.673	0.654	0.659	0.657	3.04
91)	T	1,2-Dichlorobe...	1.395	1.488	1.502	1.499	1.515	1.502	1.483	3.00
92)	T	1,2-Dibromo-3-...	0.102	0.101	0.103	0.103	0.102	0.096	0.101	2.72
93)	T	1,2,4-Trichlor...	0.778	0.841	0.848	0.843	0.871	0.845	0.838	3.74
94)	T	Hexachlorobuta...	0.516	0.499	0.489	0.464	0.449	0.424	0.474	7.22
95)	T	Naphthalene	1.240	1.383	1.516	1.599	1.696	1.655	1.515	11.53
96)	T	1,2,3-Trichlor...	0.679	0.723	0.735	0.728	0.751	0.727	0.724	3.31

(#) = Out of Range



Response = 1.839e-001 * Amt - 5.758e-002
Coef of Det (r^2) = 0.999746 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y062325S.M
Calibration Table Last Updated: Tue Jun 24 08:29:52 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022776.D
Acq On : 23 Jun 2025 13:38
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	475810	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.610	114	805517	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	670807	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	304230	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	27016	5.087	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.180%#				
35) Dibromofluoromethane	7.634	113	24664	5.035	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.060%#				
50) Toluene-d8	10.103	98	95214	4.898	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.800%#				
62) 4-Bromofluorobenzene	12.402	95	29609	4.738	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.480%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	20158	4.954	ug/l		98
3) Chloromethane	2.068	50	39810	5.124	ug/l		97
4) Vinyl Chloride	2.202	62	44450	4.579	ug/l		98
5) Bromomethane	2.598	94	37327	4.892	ug/l		95
6) Chloroethane	2.732	64	30869	4.731	ug/l		99
7) Trichlorofluoromethane	3.056	101	47536	4.423	ug/l		99
8) Diethyl Ether	3.458	74	12389	4.667	ug/l		97
9) 1,1,2-Trichlorotrifluo...	3.812	101	24158	4.919	ug/l		98
10) Methyl Iodide	4.001	142	21456	4.012	ug/l		99
11) Tert butyl alcohol	4.866	59	8018	22.707	ug/l		96
12) 1,1-Dichloroethene	3.787	96	22737	4.721	ug/l		98
13) Acrolein	3.653	56	12383	25.861	ug/l		94
14) Allyl chloride	4.379	41	32705	4.415	ug/l		99
15) Acrylonitrile	5.061	53	24866	22.452	ug/l		99
16) Acetone	3.873	43	27862	27.758	ug/l		97
17) Carbon Disulfide	4.104	76	72112	4.635	ug/l		100
18) Methyl Acetate	4.385	43	12955	3.897	ug/l		100
19) Methyl tert-butyl Ether	5.110	73	55836	4.258	ug/l		100
20) Methylene Chloride	4.616	84	39953	6.303	ug/l		92
21) trans-1,2-Dichloroethene	5.110	96	24796	4.505	ug/l		84
22) Diisopropyl ether	6.012	45	69481	4.223	ug/l	#	86
23) Vinyl Acetate	5.958	43	197369	21.723	ug/l		99
24) 1,1-Dichloroethane	5.909	63	45142	4.543	ug/l		99
25) 2-Butanone	6.902	43	34396	23.545	ug/l		93
26) 2,2-Dichloropropane	6.884	77	38104	4.574	ug/l		99
27) cis-1,2-Dichloroethene	6.884	96	28846	4.510	ug/l		96
28) Bromochloromethane	7.244	49	20781	4.974	ug/l		99
29) Tetrahydrofuran	7.262	42	20593	22.324	ug/l		96
30) Chloroform	7.421	83	46913	4.584	ug/l		97
31) Cyclohexane	7.701	56	47489	5.206	ug/l	#	78
32) 1,1,1-Trichloroethane	7.616	97	40296	4.556	ug/l		99
36) 1,1-Dichloropropene	7.829	75	33812	4.554	ug/l		100
37) Ethyl Acetate	6.988	43	14555	4.543	ug/l		98
38) Carbon Tetrachloride	7.823	117	35332	4.510	ug/l		99
39) Methylcyclohexane	9.109	83	43762	4.554	ug/l		96
40) Benzene	8.079	78	100522	4.403	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022776.D
Acq On : 23 Jun 2025 13:38
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.213	41	9489m	4.694 ug/l	
42) 1,2-Dichloroethane	8.152	62	27003	4.316 ug/l	97
43) Isopropyl Acetate	8.201	43	28001	4.205 ug/l	99
44) Trichloroethene	8.866	130	24585	4.289 ug/l	95
45) 1,2-Dichloropropane	9.140	63	23279	4.357 ug/l	95
46) Dibromomethane	9.231	93	13652	4.501 ug/l	96
47) Bromodichloromethane	9.420	83	34024	4.350 ug/l	97
48) Methyl methacrylate	9.219	41	12155	3.797 ug/l	98
49) 1,4-Dioxane	9.231	88	3000	83.716 ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	67853	20.050 ug/l	96
52) Toluene	10.170	92	60162	4.177 ug/l	99
53) t-1,3-Dichloropropene	10.390	75	28590	4.063 ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	33149	4.063 ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	16701	4.252 ug/l	93
56) Ethyl methacrylate	10.438	69	20761	3.929 ug/l	96
57) 1,3-Dichloropropane	10.713	76	29874	4.360 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	17827	21.672 ug/l	98
59) 2-Hexanone	10.755	43	46132	20.050 ug/l	96
60) Dibromochloromethane	10.908	129	20962	4.132 ug/l	99
61) 1,2-Dibromoethane	11.012	107	15579	4.239 ug/l	99
64) Tetrachloroethene	10.640	164	26784	4.227 ug/l	97
65) Chlorobenzene	11.438	112	65810	4.465 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	21097	4.226 ug/l	99
67) Ethyl Benzene	11.518	91	110258	4.257 ug/l	98
68) m/p-Xylenes	11.621	106	83728	8.364 ug/l	98
69) o-Xylene	11.950	106	38740	4.107 ug/l	98
70) Styrene	11.963	104	62104	3.930 ug/l	99
71) Bromoform	12.127	173	11959	4.302 ug/l #	99
73) Isopropylbenzene	12.249	105	102024	4.534 ug/l	99
74) N-amyl acetate	12.066	43	20685	4.096 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.499	83	18149	5.005 ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	17021m	5.313 ug/l	
77) Bromobenzene	12.530	156	23191	4.547 ug/l	98
78) n-propylbenzene	12.590	91	126153	4.644 ug/l	97
79) 2-Chlorotoluene	12.676	91	70735	4.609 ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	81045	4.462 ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	5453	4.436 ug/l	93
82) 4-Chlorotoluene	12.773	91	73344	4.549 ug/l	99
83) tert-Butylbenzene	12.993	119	73316	4.577 ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	77619	4.268 ug/l	98
85) sec-Butylbenzene	13.170	105	110395	4.580 ug/l	99
86) p-Isopropyltoluene	13.285	119	87840	4.380 ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	47028	4.591 ug/l	100
88) 1,4-Dichlorobenzene	13.359	146	47574	4.676 ug/l	92
89) n-Butylbenzene	13.615	91	85615	4.538 ug/l	99
90) Hexachloroethane	13.871	117	18815	4.710 ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	42426	4.700 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3105	5.049 ug/l	90
93) 1,2,4-Trichlorobenzene	14.913	180	23654	4.641 ug/l	99
94) Hexachlorobutadiene	15.017	225	15690	5.444 ug/l	98
95) Naphthalene	15.139	128	37712	4.092 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20664	4.692 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022776.D
Acq On : 23 Jun 2025 13:38
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:49:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

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

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

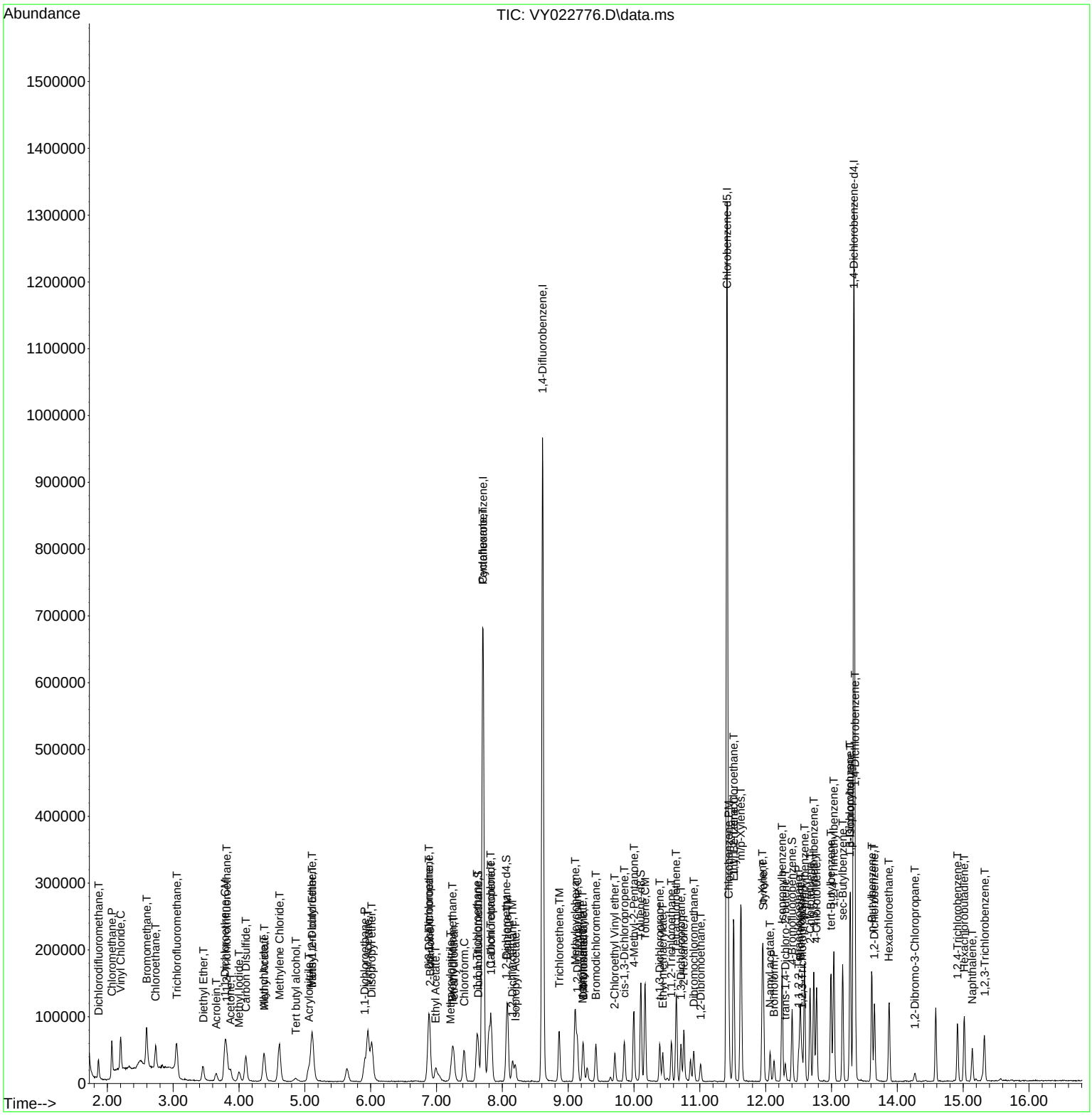
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022776.D
Acq On : 23 Jun 2025 13:38
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 24 02:49:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022777.D
Acq On : 23 Jun 2025 14:00
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:50:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	463035	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.609	114	781463	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	664424	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	310897	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	50892	9.848	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.700%#			
35) Dibromofluoromethane	7.628	113	46399	9.763	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.520%#			
50) Toluene-d8	10.103	98	179425	9.514	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.020%#			
62) 4-Bromofluorobenzene	12.401	95	56575	9.332	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.660%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	42214	10.662	ug/l		94
3) Chloromethane	2.068	50	85337	11.287	ug/l		95
4) Vinyl Chloride	2.202	62	101774	10.775	ug/l		99
5) Bromomethane	2.592	94	81985	11.040	ug/l		98
6) Chloroethane	2.732	64	68123	10.729	ug/l		97
7) Trichlorofluoromethane	3.049	101	109310	10.451	ug/l		99
8) Diethyl Ether	3.452	74	26729	10.347	ug/l		100
9) 1,1,2-Trichlorotrifluo...	3.812	101	51901	10.858	ug/l		98
10) Methyl Iodide	3.994	142	50149	9.637	ug/l		99
11) Tert butyl alcohol	4.860	59	17351	50.493	ug/l	#	92
12) 1,1-Dichloroethene	3.787	96	49870	10.641	ug/l		94
13) Acrolein	3.653	56	23603	50.654	ug/l		96
14) Allyl chloride	4.385	41	74349	10.314	ug/l		100
15) Acrylonitrile	5.055	53	53484	49.623	ug/l		97
16) Acetone	3.866	43	57265	58.626	ug/l		97
17) Carbon Disulfide	4.104	76	157862	10.426	ug/l		96
18) Methyl Acetate	4.385	43	33123	10.240	ug/l		98
19) Methyl tert-butyl Ether	5.110	73	129453	10.144	ug/l		97
20) Methylene Chloride	4.610	84	71926	11.660	ug/l		96
21) trans-1,2-Dichloroethene	5.110	96	55933	10.442	ug/l		93
22) Diisopropyl ether	6.012	45	163202	10.194	ug/l	#	90
23) Vinyl Acetate	5.957	43	436202	49.334	ug/l		99
24) 1,1-Dichloroethane	5.909	63	99575	10.297	ug/l		99
25) 2-Butanone	6.896	43	74304	52.267	ug/l		98
26) 2,2-Dichloropropane	6.884	77	86121	10.624	ug/l		99
27) cis-1,2-Dichloroethene	6.884	96	63822	10.254	ug/l		98
28) Bromochloromethane	7.244	49	39901	9.815	ug/l		99
29) Tetrahydrofuran	7.256	42	44155	49.188	ug/l		99
30) Chloroform	7.415	83	104609	10.503	ug/l		100
31) Cyclohexane	7.695	56	94507	10.647	ug/l	#	96
32) 1,1,1-Trichloroethane	7.616	97	87498	10.166	ug/l		98
36) 1,1-Dichloropropene	7.835	75	73869	10.254	ug/l		99
37) Ethyl Acetate	6.982	43	30940	9.953	ug/l		99
38) Carbon Tetrachloride	7.817	117	77817	10.238	ug/l		96
39) Methylcyclohexane	9.103	83	92069	9.876	ug/l		96
40) Benzene	8.073	78	223979	10.113	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022777.D
Acq On : 23 Jun 2025 14:00
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:50:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.244	41	21459m	10.943	ug/l		
42) 1,2-Dichloroethane	8.152	62	62006	10.217	ug/l		98
43) Isopropyl Acetate	8.195	43	63693	9.859	ug/l		97
44) Trichloroethene	8.866	130	56947	10.241	ug/l		98
45) 1,2-Dichloropropane	9.140	63	53045	10.233	ug/l		94
46) Dibromomethane	9.225	93	30124	10.237	ug/l		96
47) Bromodichloromethane	9.420	83	77307	10.188	ug/l		99
48) Methyl methacrylate	9.219	41	30168	9.713	ug/l		99
49) 1,4-Dioxane	9.225	88	6781	195.052	ug/l		93
51) 4-Methyl-2-Pentanone	9.993	43	156769	47.750	ug/l		99
52) Toluene	10.164	92	136520	9.771	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	67233	9.848	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	78622	9.932	ug/l		98
55) 1,1,2-Trichloroethane	10.566	97	38897	10.208	ug/l		97
56) Ethyl methacrylate	10.438	69	46228	9.018	ug/l		98
57) 1,3-Dichloropropane	10.713	76	66930	10.068	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.707	63	113045	54.985	ug/l		100
59) 2-Hexanone	10.755	43	109594	49.099	ug/l		98
60) Dibromochloromethane	10.908	129	49185	9.994	ug/l		99
61) 1,2-Dibromoethane	11.011	107	36029	10.105	ug/l		98
64) Tetrachloroethene	10.646	164	61796	9.845	ug/l		95
65) Chlorobenzene	11.438	112	147476	10.101	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	50032	10.118	ug/l		100
67) Ethyl Benzene	11.511	91	249925	9.743	ug/l		98
68) m/p-Xylenes	11.627	106	191878	19.351	ug/l		99
69) o-Xylene	11.950	106	89531	9.582	ug/l		100
70) Styrene	11.963	104	147196	9.405	ug/l		99
71) Bromoform	12.127	173	27105	9.844	ug/l	#	98
73) Isopropylbenzene	12.249	105	234034	10.179	ug/l		99
74) N-amyl acetate	12.066	43	49341	9.560	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40964	11.054	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	32074m	9.797	ug/l		
77) Bromobenzene	12.523	156	53437	10.253	ug/l		98
78) n-propylbenzene	12.590	91	282781	10.186	ug/l		99
79) 2-Chlorotoluene	12.676	91	157704	10.055	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	186006	10.021	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	12937	10.297	ug/l		95
82) 4-Chlorotoluene	12.773	91	166997	10.137	ug/l		98
83) tert-Butylbenzene	12.993	119	164329	10.039	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	186662	10.045	ug/l		99
85) sec-Butylbenzene	13.170	105	248568	10.092	ug/l		99
86) p-Isopropyltoluene	13.285	119	204047	9.955	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	103200	9.860	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	108198	10.406	ug/l		98
89) n-Butylbenzene	13.609	91	194233	10.075	ug/l		98
90) Hexachloroethane	13.877	117	41277	10.111	ug/l		99
91) 1,2-Dichlorobenzene	13.651	146	92518	10.030	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6258	9.958	ug/l		97
93) 1,2,4-Trichlorobenzene	14.913	180	52305	10.043	ug/l		99
94) Hexachlorobutadiene	15.017	225	31049	10.543	ug/l		100
95) Naphthalene	15.139	128	85996	9.131	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	44944	9.987	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022777.D
Acq On : 23 Jun 2025 14:00
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:50:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

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

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

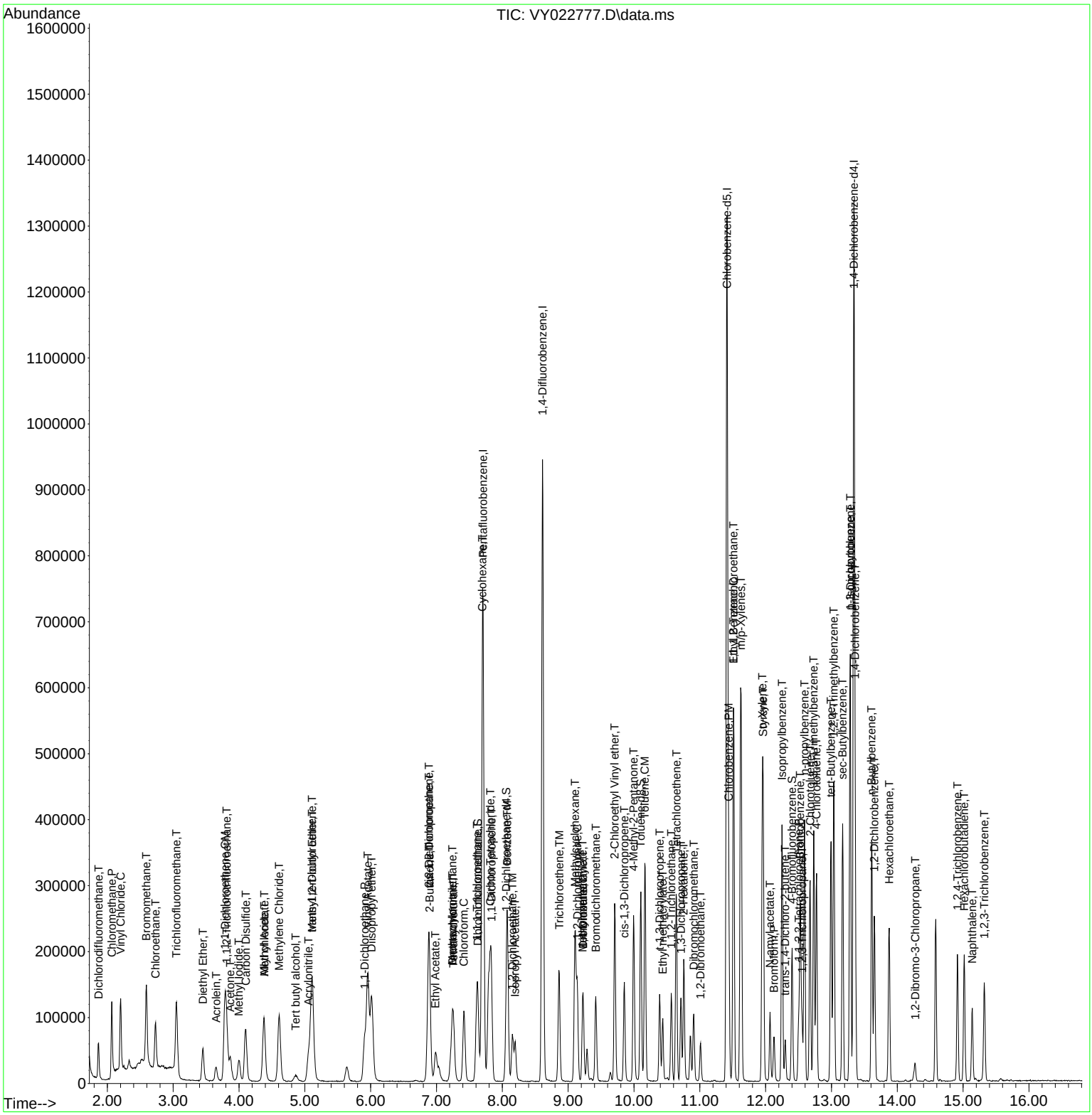
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022777.D
Acq On : 23 Jun 2025 14:00
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 24 02:50:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022778.D
Acq On : 23 Jun 2025 14:23
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:51:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	466622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	781920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	668589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	321641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	103895	19.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.900%#		
35) Dibromofluoromethane	7.628	113	92378	19.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.860%#		
50) Toluene-d8	10.103	98	370864	19.654	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.300%#		
62) 4-Bromofluorobenzene	12.402	95	115617	19.060	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	88527	22.187	ug/l	96
3) Chloromethane	2.062	50	161461	21.191	ug/l	97
4) Vinyl Chloride	2.196	62	203692	21.399	ug/l	98
5) Bromomethane	2.580	94	159406	21.301	ug/l	100
6) Chloroethane	2.727	64	134813	21.069	ug/l	95
7) Trichlorofluoromethane	3.044	101	227500	21.584	ug/l	97
8) Diethyl Ether	3.452	74	53531	20.563	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	102158	21.209	ug/l	99
10) Methyl Iodide	3.995	142	105737	20.162	ug/l	99
11) Tert butyl alcohol	4.854	59	35575	102.731	ug/l	99
12) 1,1-Dichloroethene	3.781	96	97726	20.691	ug/l	93
13) Acrolein	3.647	56	49556	105.534	ug/l	97
14) Allyl chloride	4.373	41	150283	20.687	ug/l	100
15) Acrylonitrile	5.049	53	112031	103.145	ug/l	99
16) Acetone	3.867	43	106379	108.071	ug/l	94
17) Carbon Disulfide	4.092	76	323087	21.175	ug/l	98
18) Methyl Acetate	4.379	43	82088	25.182	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	260531	20.258	ug/l	99
20) Methylene Chloride	4.610	84	123947	19.939	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	111517	20.659	ug/l	94
22) Diisopropyl ether	6.013	45	331999	20.578	ug/l	96
23) Vinyl Acetate	5.952	43	858731	96.375	ug/l	99
24) 1,1-Dichloroethane	5.909	63	201445	20.671	ug/l	99
25) 2-Butanone	6.890	43	149196	104.140	ug/l	100
26) 2,2-Dichloropropane	6.878	77	173008	21.179	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	128206	20.439	ug/l	99
28) Bromochloromethane	7.238	49	81625	19.923	ug/l	99
29) Tetrahydrofuran	7.256	42	91536	101.186	ug/l	98
30) Chloroform	7.415	83	205035	20.428	ug/l	95
31) Cyclohexane	7.695	56	184362	20.610	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	181573	20.934	ug/l	99
36) 1,1-Dichloropropene	7.829	75	147625	20.481	ug/l	99
37) Ethyl Acetate	6.982	43	62062	19.954	ug/l	98
38) Carbon Tetrachloride	7.811	117	158707	20.868	ug/l	97
39) Methylcyclohexane	9.103	83	190778	20.453	ug/l	95
40) Benzene	8.079	78	453686	20.472	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022778.D
Acq On : 23 Jun 2025 14:23
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:51:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.214	41	40422m	20.600	ug/l		
42) 1,2-Dichloroethane	8.152	62	125873	20.728	ug/l		100
43) Isopropyl Acetate	8.195	43	132526	20.501	ug/l		99
44) Trichloroethene	8.860	130	119612	21.498	ug/l		97
45) 1,2-Dichloropropane	9.134	63	107803	20.785	ug/l		100
46) Dibromomethane	9.225	93	60151	20.430	ug/l		100
47) Bromodichloromethane	9.420	83	155066	20.424	ug/l		99
48) Methyl methacrylate	9.219	41	65108	20.951	ug/l		99
49) 1,4-Dioxane	9.219	88	14738	423.683	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	335542	102.143	ug/l		99
52) Toluene	10.164	92	284109	20.321	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	137096	20.069	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	163425	20.633	ug/l		98
55) 1,1,2-Trichloroethane	10.567	97	77767	20.398	ug/l		96
56) Ethyl methacrylate	10.439	69	98608	19.224	ug/l		98
57) 1,3-Dichloropropane	10.713	76	137448	20.664	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	240143	99.154	ug/l		99
59) 2-Hexanone	10.756	43	226399	101.369	ug/l		100
60) Dibromochloromethane	10.908	129	100360	20.380	ug/l		99
61) 1,2-Dibromoethane	11.012	107	71565	20.059	ug/l		99
64) Tetrachloroethene	10.640	164	143038	22.646	ug/l		97
65) Chlorobenzene	11.438	112	302372	20.582	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.512	131	100839	20.265	ug/l		99
67) Ethyl Benzene	11.512	91	527080	20.420	ug/l		97
68) m/p-Xylenes	11.621	106	405724	40.662	ug/l		99
69) o-Xylene	11.950	106	189409	20.146	ug/l		100
70) Styrene	11.963	104	311610	19.787	ug/l		99
71) Bromoform	12.127	173	54365	19.622	ug/l	#	99
73) Isopropylbenzene	12.249	105	491885	20.678	ug/l		99
74) N-amyl acetate	12.066	43	104745	19.617	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.499	83	72880	19.010	ug/l		100
76) 1,2,3-Trichloropropane	12.548	75	66146m	19.529	ug/l		
77) Bromobenzene	12.530	156	109855	20.375	ug/l		98
78) n-propylbenzene	12.591	91	596356	20.765	ug/l		100
79) 2-Chlorotoluene	12.676	91	334595	20.620	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	395821	20.613	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	26956	20.739	ug/l		97
82) 4-Chlorotoluene	12.774	91	345875	20.293	ug/l		99
83) tert-Butylbenzene	12.993	119	340561	20.110	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	396401	20.618	ug/l		100
85) sec-Butylbenzene	13.170	105	525353	20.618	ug/l		100
86) p-Isopropyltoluene	13.286	119	429419	20.252	ug/l		99
87) 1,3-Dichlorobenzene	13.280	146	217684	20.103	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	217184	20.191	ug/l		98
89) n-Butylbenzene	13.609	91	410986	20.605	ug/l		99
90) Hexachloroethane	13.871	117	86261	20.425	ug/l		95
91) 1,2-Dichlorobenzene	13.651	146	193285	20.255	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13274	20.417	ug/l		99
93) 1,2,4-Trichlorobenzene	14.913	180	109060	20.242	ug/l		99
94) Hexachlorobutadiene	15.017	225	62946	20.660	ug/l		97
95) Naphthalene	15.139	128	195013	20.015	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	94536	20.305	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022778.D
Acq On : 23 Jun 2025 14:23
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:51:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 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

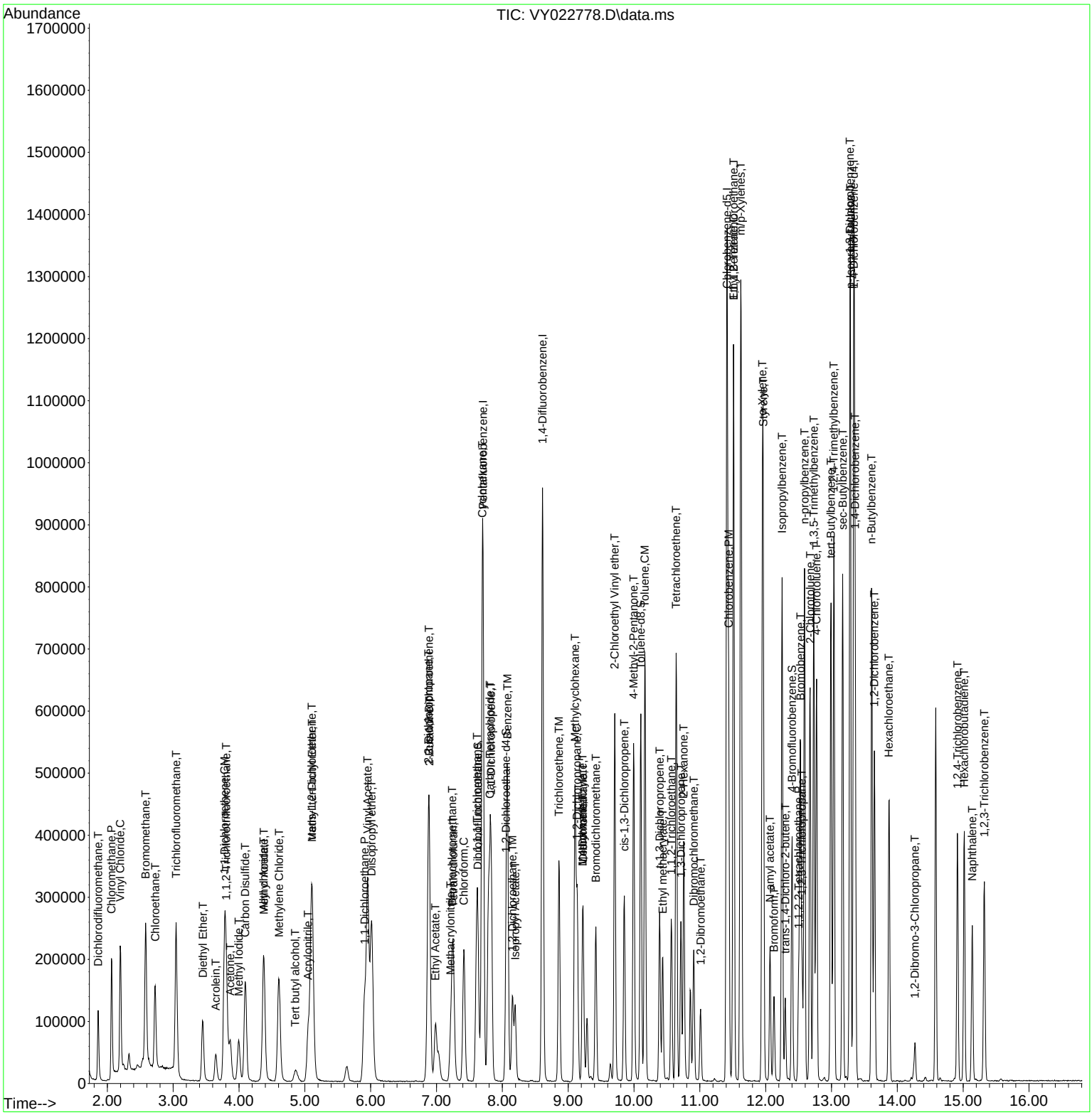
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022778.D
Acq On : 23 Jun 2025 14:23
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 24 02:51:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022779.D
Acq On : 23 Jun 2025 14:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	466305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	785509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	682333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	344728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	260449	50.044	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.634	113	238601	49.947	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.900%			
50) Toluene-d8	10.103	98	954176	50.336	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.401	95	302230	49.596	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	197658	49.571	ug/l	100
3) Chloromethane	2.062	50	369888	48.580	ug/l	100
4) Vinyl Chloride	2.196	62	487333	51.231	ug/l	100
5) Bromomethane	2.586	94	359349	48.052	ug/l	100
6) Chloroethane	2.726	64	323583	50.606	ug/l	100
7) Trichlorofluoromethane	3.043	101	543608	51.610	ug/l	100
8) Diethyl Ether	3.452	74	132997	51.123	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	240341	49.930	ug/l	100
10) Methyl Iodide	3.994	142	292108	55.737	ug/l	100
11) Tert butyl alcohol	4.860	59	89018	257.234	ug/l	100
12) 1,1-Dichloroethene	3.781	96	239818	50.810	ug/l	100
13) Acrolein	3.647	56	115313	245.735	ug/l	100
14) Allyl chloride	4.378	41	371698	51.200	ug/l	100
15) Acrylonitrile	5.049	53	281372	259.229	ug/l	100
16) Acetone	3.866	43	222401	226.091	ug/l	100
17) Carbon Disulfide	4.098	76	777454	50.988	ug/l	100
18) Methyl Acetate	4.378	43	163588	50.217	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	669314	52.080	ug/l	100
20) Methylene Chloride	4.604	84	275283	44.313	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	276104	51.184	ug/l	100
22) Diisopropyl ether	6.018	45	834245	51.744	ug/l	100
23) Vinyl Acetate	5.951	43	2354219	264.392	ug/l	100
24) 1,1-Dichloroethane	5.909	63	502277	51.577	ug/l	100
25) 2-Butanone	6.890	43	357225	249.517	ug/l	100
26) 2,2-Dichloropropane	6.878	77	412194	50.494	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	319602	50.988	ug/l	100
28) Bromochloromethane	7.244	49	214101	52.294	ug/l	100
29) Tetrahydrofuran	7.256	42	237439	262.648	ug/l	100
30) Chloroform	7.421	83	511015	50.947	ug/l	100
31) Cyclohexane	7.695	56	441072	49.341	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	442929	51.101	ug/l	100
36) 1,1-Dichloropropene	7.829	75	368198	50.850	ug/l	100
37) Ethyl Acetate	6.982	43	161593	51.717	ug/l	100
38) Carbon Tetrachloride	7.817	117	385426	50.447	ug/l	100
39) Methylcyclohexane	9.103	83	485179	51.778	ug/l	100
40) Benzene	8.073	78	1150210	51.666	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022779.D
Acq On : 23 Jun 2025 14:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	93931	47.652	ug/l		100
42) 1,2-Dichloroethane	8.152	62	314067	51.482	ug/l		100
43) Isopropyl Acetate	8.195	43	342439	52.731	ug/l		100
44) Trichloroethene	8.859	130	292433	52.319	ug/l		100
45) 1,2-Dichloropropane	9.140	63	266251	51.100	ug/l		100
46) Dibromomethane	9.231	93	150422	50.856	ug/l		100
47) Bromodichloromethane	9.420	83	391542	51.335	ug/l		100
48) Methyl methacrylate	9.219	41	168241	53.890	ug/l		100
49) 1,4-Dioxane	9.231	88	36253	1037.426	ug/l		100
51) 4-Methyl-2-Pentanone	9.993	43	886055	268.494	ug/l		100
52) Toluene	10.170	92	727451	51.795	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	354481	51.655	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	411345	51.696	ug/l		100
55) 1,1,2-Trichloroethane	10.566	97	198415	51.805	ug/l		100
56) Ethyl methacrylate	10.432	69	277956	53.942	ug/l		100
57) 1,3-Dichloropropane	10.713	76	344212	51.512	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	664611	245.688	ug/l		100
59) 2-Hexanone	10.755	43	594522	264.979	ug/l		100
60) Dibromochloromethane	10.908	129	258124	52.176	ug/l		100
61) 1,2-Dibromoethane	11.011	107	185981	51.892	ug/l		100
64) Tetrachloroethene	10.646	164	351675	54.557	ug/l		100
65) Chlorobenzene	11.438	112	768503	51.257	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	262905	51.771	ug/l		100
67) Ethyl Benzene	11.517	91	1384381	52.553	ug/l		100
68) m/p-Xylenes	11.627	106	1067204	104.802	ug/l		100
69) o-Xylene	11.950	106	501048	52.219	ug/l		100
70) Styrene	11.962	104	852365	53.034	ug/l		100
71) Bromoform	12.127	173	144890	51.241	ug/l	#	100
73) Isopropylbenzene	12.249	105	1302433	51.086	ug/l		100
74) N-amyl acetate	12.066	43	309312	54.051	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.499	83	195531	47.587	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	175695m	48.399	ug/l		
77) Bromobenzene	12.529	156	293698	50.823	ug/l		100
78) n-propylbenzene	12.590	91	1572487	51.086	ug/l		100
79) 2-Chlorotoluene	12.676	91	887920	51.056	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1055520	51.286	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	68487	49.163	ug/l		100
82) 4-Chlorotoluene	12.773	91	929596	50.888	ug/l		100
83) tert-Butylbenzene	12.993	119	937562	51.654	ug/l		100
84) 1,2,4-Trimethylbenzene	13.035	105	1068099	51.835	ug/l		100
85) sec-Butylbenzene	13.170	105	1412230	51.712	ug/l		100
86) p-Isopropyltoluene	13.285	119	1176992	51.790	ug/l		100
87) 1,3-Dichlorobenzene	13.279	146	588857	50.737	ug/l		100
88) 1,4-Dichlorobenzene	13.358	146	581012	50.397	ug/l		100
89) n-Butylbenzene	13.608	91	1104530	51.668	ug/l		100
90) Hexachloroethane	13.871	117	232074	51.271	ug/l		100
91) 1,2-Dichlorobenzene	13.651	146	516584	50.508	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35564	51.039	ug/l		100
93) 1,2,4-Trichlorobenzene	14.913	180	290624	50.327	ug/l		100
94) Hexachlorobutadiene	15.017	225	160111	49.032	ug/l		100
95) Naphthalene	15.139	128	551169	52.780	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	251077	50.316	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022779.D
Acq On : 23 Jun 2025 14:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:52:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 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

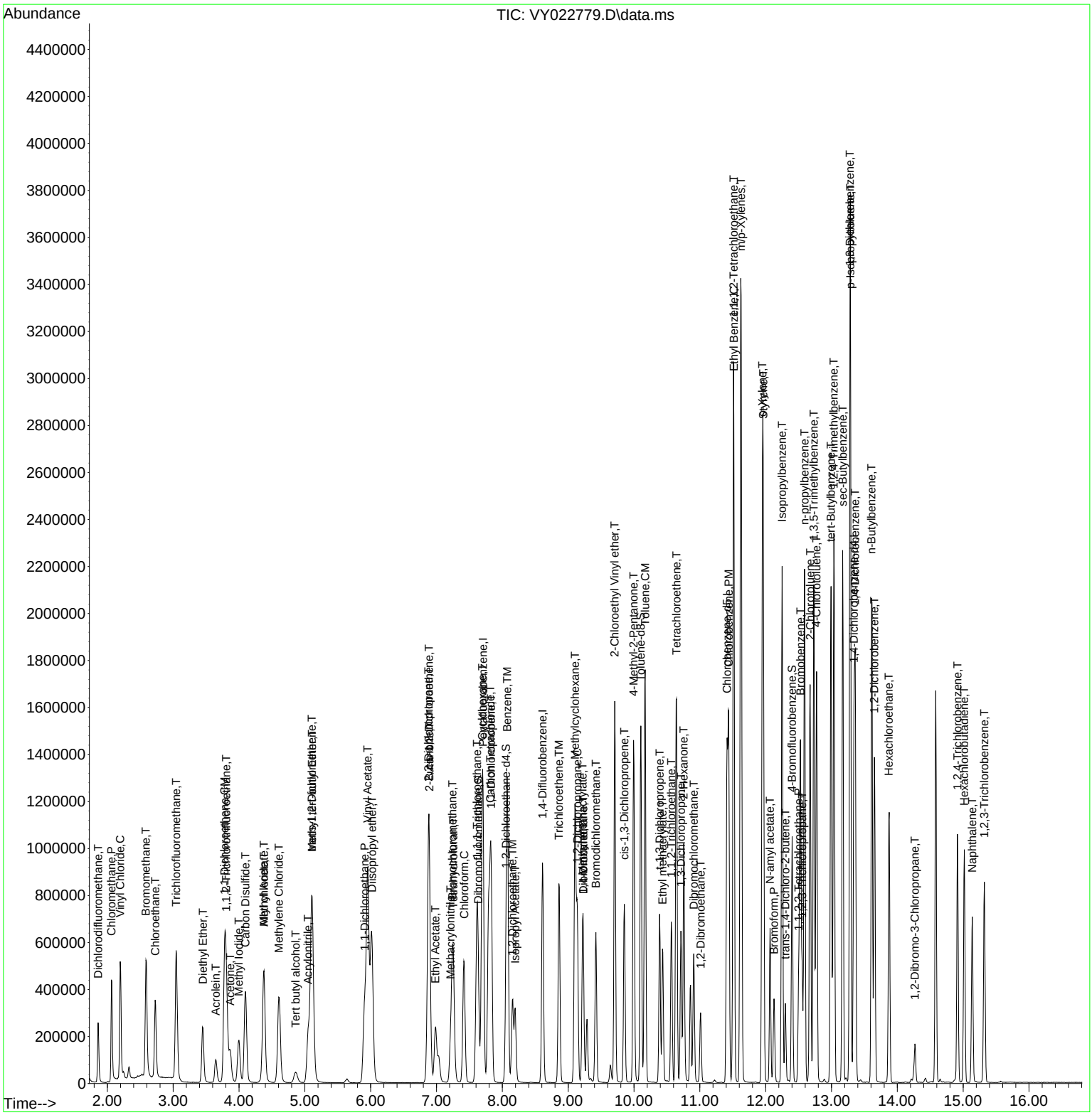
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022779.D
Acq On : 23 Jun 2025 14:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 02:52:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022780.D
Acq On : 23 Jun 2025 15:08
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:53:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	475581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	797167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	372652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	542659	102.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 204.460%#			
35) Dibromofluoromethane	7.628	113	500461	103.231	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 206.460%#			
50) Toluene-d8	10.103	98	2012122	104.594	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 209.180%#			
62) 4-Bromofluorobenzene	12.402	95	673658	108.931	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 217.860%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	383820	94.381	ug/l	97
3) Chloromethane	2.062	50	721237	92.877	ug/l	96
4) Vinyl Chloride	2.196	62	944075	97.310	ug/l	100
5) Bromomethane	2.580	94	723247	94.826	ug/l	100
6) Chloroethane	2.726	64	639835	98.113	ug/l	96
7) Trichlorofluoromethane	3.043	101	1072039	99.794	ug/l	98
8) Diethyl Ether	3.446	74	267488	100.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	467671	95.263	ug/l	99
10) Methyl Iodide	3.994	142	581464	108.785	ug/l	99
11) Tert butyl alcohol	4.854	59	184238	522.007	ug/l	99
12) 1,1-Dichloroethene	3.781	96	475211	98.719	ug/l	96
13) Acrolein	3.647	56	232931	486.701	ug/l	98
14) Allyl chloride	4.372	41	751070	101.438	ug/l	100
15) Acrylonitrile	5.049	53	578586	522.657	ug/l	99
16) Acetone	3.866	43	454852	453.380	ug/l	93
17) Carbon Disulfide	4.098	76	1545558	99.386	ug/l	99
18) Methyl Acetate	4.379	43	336182	101.185	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	1388952	105.967	ug/l	99
20) Methylene Chloride	4.604	84	549956	86.802	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	552497	100.424	ug/l	93
22) Diisopropyl ether	6.012	45	1716130	104.367	ug/l	98
23) Vinyl Acetate	5.951	43	4870879	536.357	ug/l	100
24) 1,1-Dichloroethane	5.909	63	1003848	101.070	ug/l	99
25) 2-Butanone	6.884	43	743716	509.343	ug/l	98
26) 2,2-Dichloropropane	6.878	77	821294	98.646	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	653863	102.279	ug/l	99
28) Bromochloromethane	7.238	49	421499	100.943	ug/l	98
29) Tetrahydrofuran	7.256	42	489018	530.386	ug/l	99
30) Chloroform	7.415	83	1031414	100.825	ug/l	99
31) Cyclohexane	7.695	56	860538	94.387	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	892886	101.003	ug/l	99
36) 1,1-Dichloropropene	7.829	75	745473	101.447	ug/l	100
37) Ethyl Acetate	6.982	43	335415	105.778	ug/l	98
38) Carbon Tetrachloride	7.811	117	784957	101.239	ug/l	99
39) Methylcyclohexane	9.103	83	969618	101.963	ug/l	97
40) Benzene	8.073	78	2338781	103.518	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022780.D
Acq On : 23 Jun 2025 15:08
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 24 02:53:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	172503	86.232	ug/l		90
42) 1,2-Dichloroethane	8.152	62	644142	104.044	ug/l		100
43) Isopropyl Acetate	8.195	43	703942	106.813	ug/l		99
44) Trichloroethene	8.859	130	573927	101.178	ug/l		94
45) 1,2-Dichloropropane	9.140	63	543704	102.824	ug/l		100
46) Dibromomethane	9.225	93	308843	102.889	ug/l		99
47) Bromodichloromethane	9.420	83	803009	103.743	ug/l		99
48) Methyl methacrylate	9.219	41	348723	110.068	ug/l		99
49) 1,4-Dioxane	9.225	88	74032	2087.539	ug/l		95
51) 4-Methyl-2-Pentanone	9.993	43	1833298	547.404	ug/l		100
52) Toluene	10.170	92	1522485	106.816	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	754526	108.342	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	860746	106.593	ug/l		97
55) 1,1,2-Trichloroethane	10.566	97	407343	104.800	ug/l		99
56) Ethyl methacrylate	10.432	69	592646	113.331	ug/l		99
57) 1,3-Dichloropropane	10.713	76	705449	104.027	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	1439247	506.517	ug/l		99
59) 2-Hexanone	10.755	43	1250090	549.018	ug/l		99
60) Dibromochloromethane	10.908	129	535327	106.627	ug/l		99
61) 1,2-Dibromoethane	11.012	107	388631	106.848	ug/l		99
64) Tetrachloroethene	10.646	164	674360	100.198	ug/l		98
65) Chlorobenzene	11.438	112	1610361	102.870	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	559842	105.587	ug/l		99
67) Ethyl Benzene	11.511	91	2906187	105.662	ug/l		99
68) m/p-Xylenes	11.627	106	2278768	214.327	ug/l		99
69) o-Xylene	11.950	106	1082170	108.020	ug/l		99
70) Styrene	11.963	104	1865505	111.168	ug/l		99
71) Bromoform	12.127	173	321083	108.756	ug/l	#	98
73) Isopropylbenzene	12.249	105	2764621	100.312	ug/l		99
74) N-amyl acetate	12.066	43	667613	107.920	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	442467	99.615	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	364588m	92.907	ug/l		
77) Bromobenzene	12.530	156	631186	101.040	ug/l		99
78) n-propylbenzene	12.590	91	3318659	99.735	ug/l		99
79) 2-Chlorotoluene	12.676	91	1904783	101.319	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	2286529	102.773	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	157671	104.703	ug/l		94
82) 4-Chlorotoluene	12.773	91	2025702	102.582	ug/l		99
83) tert-Butylbenzene	12.993	119	1990057	101.425	ug/l		100
84) 1,2,4-Trimethylbenzene	13.036	105	2310931	103.747	ug/l		99
85) sec-Butylbenzene	13.170	105	2993511	101.400	ug/l		99
86) p-Isopropyltoluene	13.285	119	2565197	104.416	ug/l		100
87) 1,3-Dichlorobenzene	13.279	146	1304649	103.989	ug/l		100
88) 1,4-Dichlorobenzene	13.359	146	1259287	101.046	ug/l		100
89) n-Butylbenzene	13.609	91	2355349	101.924	ug/l		99
90) Hexachloroethane	13.877	117	487480	99.627	ug/l		98
91) 1,2-Dichlorobenzene	13.651	146	1129471	102.157	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	75666	100.453	ug/l		99
93) 1,2,4-Trichlorobenzene	14.913	180	648932	103.955	ug/l		99
94) Hexachlorobutadiene	15.017	225	334737	94.827	ug/l		99
95) Naphthalene	15.139	128	1263808	111.955	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	559578	103.737	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022780.D
Acq On : 23 Jun 2025 15:08
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:53:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 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

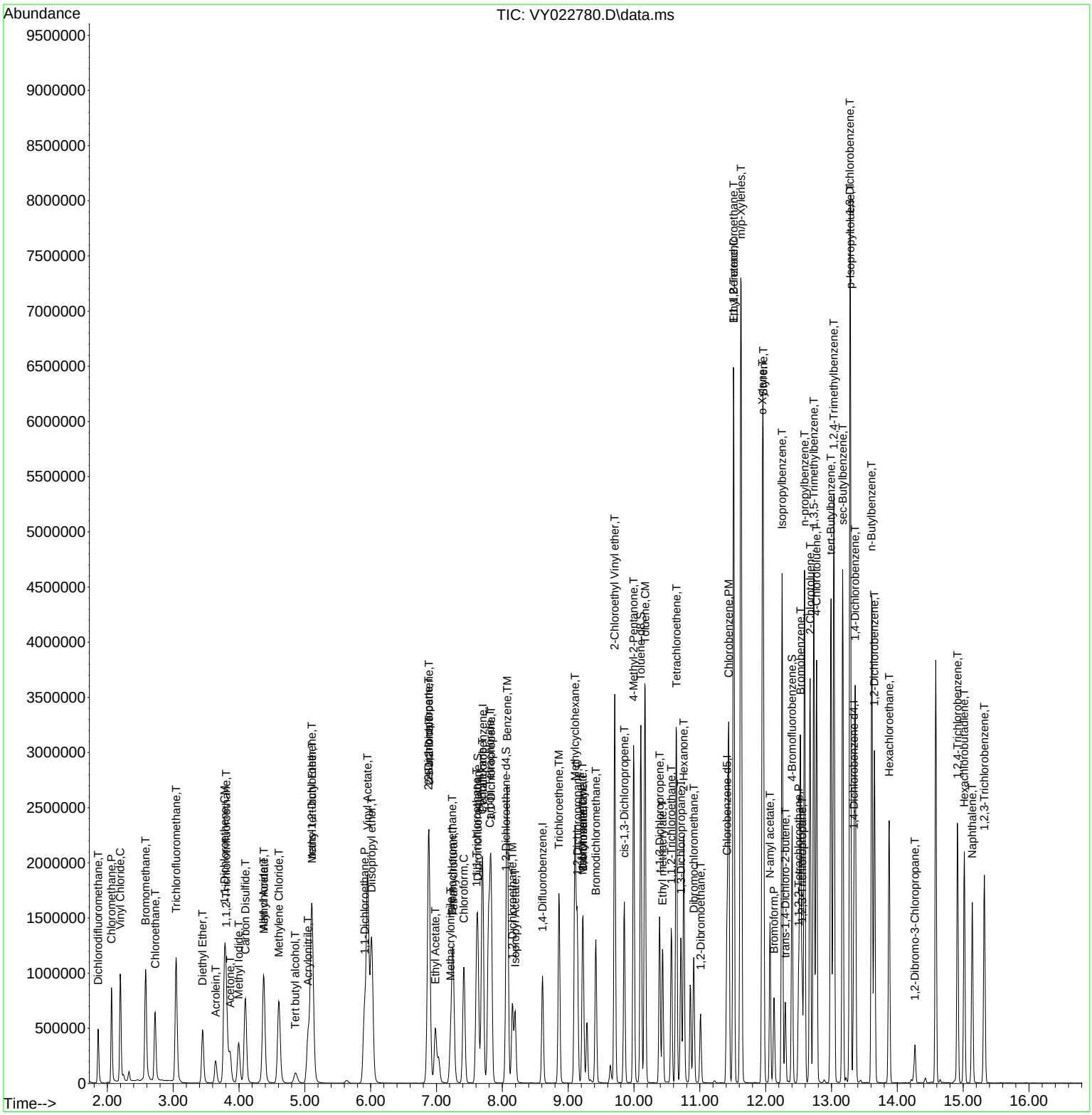
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022780.D
Acq On : 23 Jun 2025 15:08
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 24 02:53:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022781.D
Acq On : 23 Jun 2025 15:31
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	487197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	805416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	724825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	371200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	796965	146.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 293.140%#			
35) Dibromofluoromethane	7.628	113	745134	152.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 304.260%#			
50) Toluene-d8	10.103	98	3013418	155.039	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 310.080%#			
62) 4-Bromofluorobenzene	12.402	95	1016821	162.737	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 325.480%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	561426	134.762	ug/l	98
3) Chloromethane	2.062	50	1057912	132.984	ug/l	98
4) Vinyl Chloride	2.196	62	1399862	140.850	ug/l	99
5) Bromomethane	2.574	94	1105489	141.487	ug/l	98
6) Chloroethane	2.720	64	936104	140.121	ug/l	99
7) Trichlorofluoromethane	3.043	101	1586258	144.141	ug/l	100
8) Diethyl Ether	3.446	74	396737	145.964	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.799	101	693105	137.817	ug/l	99
10) Methyl Iodide	3.995	142	840407	153.482	ug/l	100
11) Tert butyl alcohol	4.854	59	266185	736.208	ug/l	99
12) 1,1-Dichloroethene	3.775	96	705539	143.072	ug/l	99
13) Acrolein	3.647	56	345938	705.591	ug/l	99
14) Allyl chloride	4.373	41	1152496	151.943	ug/l	99
15) Acrylonitrile	5.049	53	846962	746.849	ug/l	99
16) Acetone	3.860	43	636155	618.978	ug/l	93
17) Carbon Disulfide	4.092	76	2289343	143.705	ug/l	99
18) Methyl Acetate	4.373	43	470360	138.195	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	2054163	152.981	ug/l	100
20) Methylene Chloride	4.604	84	800473	123.330	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	840284	149.092	ug/l	97
22) Diisopropyl ether	6.012	45	2598616	154.267	ug/l	99
23) Vinyl Acetate	5.952	43	7328920	787.783	ug/l	98
24) 1,1-Dichloroethane	5.903	63	1504725	147.888	ug/l	100
25) 2-Butanone	6.890	43	1071039	716.025	ug/l	98
26) 2,2-Dichloropropane	6.878	77	1237615	145.107	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	990315	151.215	ug/l	98
28) Bromochloromethane	7.238	49	623792	145.828	ug/l	98
29) Tetrahydrofuran	7.256	42	708429	750.039	ug/l	98
30) Chloroform	7.415	83	1547385	147.656	ug/l	97
31) Cyclohexane	7.695	56	1306948	139.933	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	1349504	149.016	ug/l	99
36) 1,1-Dichloropropene	7.829	75	1122908	151.246	ug/l	99
37) Ethyl Acetate	6.982	43	483616	150.953	ug/l	100
38) Carbon Tetrachloride	7.811	117	1186256	151.429	ug/l	98
39) Methylcyclohexane	9.103	83	1475329	153.554	ug/l	98
40) Benzene	8.073	78	3478622	152.393	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022781.D
Acq On : 23 Jun 2025 15:31
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	296053	146.477	ug/l		97
42) 1,2-Dichloroethane	8.152	62	946330	151.288	ug/l		100
43) Isopropyl Acetate	8.195	43	1024167	153.810	ug/l		99
44) Trichloroethene	8.860	130	846785	147.752	ug/l		97
45) 1,2-Dichloropropane	9.140	63	814039	152.372	ug/l		99
46) Dibromomethane	9.225	93	458817	151.287	ug/l		99
47) Bromodichloromethane	9.420	83	1203370	153.874	ug/l		100
48) Methyl methacrylate	9.213	41	500939	156.493	ug/l		98
49) 1,4-Dioxane	9.225	88	112563	3141.521	ug/l		96
51) 4-Methyl-2-Pentanone	9.993	43	2671727	789.580	ug/l		99
52) Toluene	10.164	92	2305726	160.110	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	1142721	162.402	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	1300617	159.417	ug/l		98
55) 1,1,2-Trichloroethane	10.567	97	603625	153.708	ug/l		99
56) Ethyl methacrylate	10.432	69	902735	170.861	ug/l		98
57) 1,3-Dichloropropane	10.713	76	1045814	152.639	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	2166504	746.984	ug/l		99
59) 2-Hexanone	10.756	43	1801932	783.272	ug/l		97
60) Dibromochloromethane	10.908	129	795480	156.822	ug/l		99
61) 1,2-Dibromoethane	11.012	107	569130	154.871	ug/l		99
64) Tetrachloroethene	10.640	164	970361	141.712	ug/l		98
65) Chlorobenzene	11.438	112	2422303	152.091	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	840296	155.771	ug/l		99
67) Ethyl Benzene	11.511	91	4388572	156.829	ug/l		98
68) m/p-Xylenes	11.627	106	3439594	317.973	ug/l		98
69) o-Xylene	11.950	106	1664173	163.273	ug/l		98
70) Styrene	11.963	104	2846995	166.754	ug/l		99
71) Bromoform	12.127	173	478356	159.256	ug/l	#	99
73) Isopropylbenzene	12.249	105	4185860	152.475	ug/l		99
74) N-amyl acetate	12.066	43	1001716	162.561	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	660490	149.281	ug/l		99
76) 1,2,3-Trichloropropane	12.548	75	528364m	135.169	ug/l		
77) Bromobenzene	12.530	156	951688	152.942	ug/l		100
78) n-propylbenzene	12.591	91	4948353	149.293	ug/l		99
79) 2-Chlorotoluene	12.676	91	2829859	151.115	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	3395371	153.210	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	228578	152.383	ug/l		93
82) 4-Chlorotoluene	12.773	91	3004256	152.731	ug/l		100
83) tert-Butylbenzene	12.993	119	3013552	154.188	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	3450572	155.516	ug/l		99
85) sec-Butylbenzene	13.170	105	4391401	149.333	ug/l		98
86) p-Isopropyltoluene	13.286	119	3802837	155.399	ug/l		99
87) 1,3-Dichlorobenzene	13.279	146	1942052	155.399	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	1855055	149.433	ug/l		99
89) n-Butylbenzene	13.615	91	3459894	150.307	ug/l		98
90) Hexachloroethane	13.871	117	733958	150.586	ug/l		98
91) 1,2-Dichlorobenzene	13.651	146	1672579	151.871	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	106711	142.222	ug/l		96
93) 1,2,4-Trichlorobenzene	14.913	180	941295	151.380	ug/l		99
94) Hexachlorobutadiene	15.017	225	472010	134.238	ug/l		99
95) Naphthalene	15.139	128	1842806	163.884	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	809138	150.588	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022781.D
Acq On : 23 Jun 2025 15:31
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 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

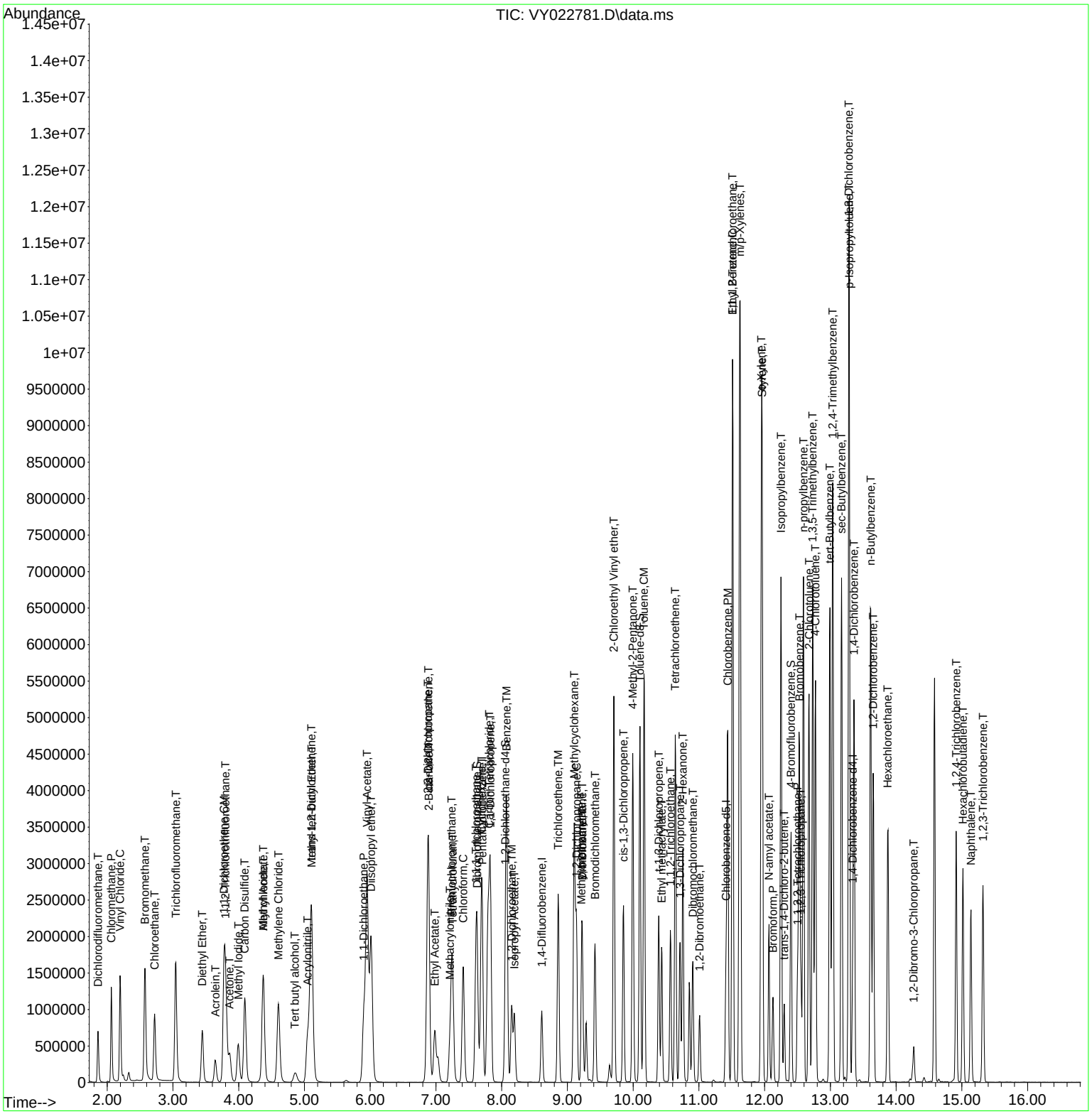
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022781.D
Acq On : 23 Jun 2025 15:31
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 24 02:54:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	480076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	806385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	709921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	359311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	268490	50.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.220%			
35) Dibromofluoromethane	7.628	113	246693	50.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.103	98	968221	49.755	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.401	95	314924	50.342	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	188576	45.936	ug/l	99
3) Chloromethane	2.068	50	383362	48.905	ug/l	97
4) Vinyl Chloride	2.196	62	480207	49.034	ug/l	100
5) Bromomethane	2.586	94	372449	48.375	ug/l	98
6) Chloroethane	2.726	64	317341	48.206	ug/l	98
7) Trichlorofluoromethane	3.043	101	519156	47.875	ug/l	99
8) Diethyl Ether	3.452	74	128819	48.097	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	234148	47.248	ug/l	98
10) Methyl Iodide	3.994	142	252766	46.847	ug/l	100
11) Tert butyl alcohol	4.860	59	90461	253.906	ug/l #	86
12) 1,1-Dichloroethene	3.781	96	232605	47.868	ug/l	94
13) Acrolein	3.647	56	99713	206.396	ug/l	100
14) Allyl chloride	4.378	41	357454	47.825	ug/l	99
15) Acrylonitrile	5.049	53	278053	248.823	ug/l	99
16) Acetone	3.860	43	217427	214.694	ug/l	95
17) Carbon Disulfide	4.098	76	753545	48.003	ug/l	99
18) Methyl Acetate	4.385	43	169460	50.527	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	652685	49.329	ug/l	99
20) Methylene Chloride	4.610	84	279076	43.635	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	266943	48.066	ug/l	98
22) Diisopropyl ether	6.012	45	800669	48.237	ug/l	93
23) Vinyl Acetate	5.951	43	2264377	247.008	ug/l	99
24) 1,1-Dichloroethane	5.909	63	486998	48.573	ug/l	99
25) 2-Butanone	6.890	43	353339	239.723	ug/l	98
26) 2,2-Dichloropropane	6.878	77	388040	46.171	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	308904	47.867	ug/l	100
28) Bromochloromethane	7.244	49	211120	50.087	ug/l	100
29) Tetrahydrofuran	7.256	42	235186	252.693	ug/l	100
30) Chloroform	7.414	83	500741	48.491	ug/l	97
31) Cyclohexane	7.695	56	422671	45.926	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	431799	48.388	ug/l	99
36) 1,1-Dichloropropene	7.829	75	354829	47.735	ug/l	100
37) Ethyl Acetate	6.982	43	160039	49.894	ug/l	99
38) Carbon Tetrachloride	7.817	117	373583	47.632	ug/l	98
39) Methylcyclohexane	9.103	83	463905	48.226	ug/l	98
40) Benzene	8.073	78	1105593	48.376	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	106081m	53.720	ug/l	
42) 1,2-Dichloroethane	8.152	62	307548	49.108	ug/l	100
43) Isopropyl Acetate	8.195	43	333219	49.983	ug/l	99
44) Trichloroethene	8.859	130	274874	47.904	ug/l	98
45) 1,2-Dichloropropane	9.140	63	259472	48.510	ug/l	100
46) Dibromomethane	9.231	93	145961	48.070	ug/l	98
47) Bromodichloromethane	9.420	83	382665	48.872	ug/l	99
48) Methyl methacrylate	9.219	41	164362	51.285	ug/l	99
49) 1,4-Dioxane	9.225	88	35276	983.335	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	867628	256.103	ug/l	99
52) Toluene	10.170	92	704960	48.894	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	348211	49.428	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	404721	49.547	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	194151	49.380	ug/l	98
56) Ethyl methacrylate	10.432	69	270067	51.054	ug/l	99
57) 1,3-Dichloropropane	10.713	76	340025	49.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	680973	245.249	ug/l	100
59) 2-Hexanone	10.755	43	580425	251.999	ug/l	99
60) Dibromochloromethane	10.908	129	253700	49.955	ug/l	100
61) 1,2-Dibromoethane	11.011	107	181754	49.399	ug/l	99
64) Tetrachloroethene	10.646	164	303522	45.257	ug/l	98
65) Chlorobenzene	11.438	112	750243	48.095	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	253468	47.973	ug/l	99
67) Ethyl Benzene	11.517	91	1351655	49.316	ug/l	100
68) m/p-Xylenes	11.621	106	1043651	98.506	ug/l	100
69) o-Xylene	11.950	106	495462	49.631	ug/l	99
70) Styrene	11.962	104	834381	49.897	ug/l	99
71) Bromoform	12.127	173	142330	48.380	ug/l	99
73) Isopropylbenzene	12.249	105	1264391	47.581	ug/l	100
74) N-amyl acetate	12.066	43	299778	50.258	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	213316	49.808	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	171584m	46.775	ug/l	
77) Bromobenzene	12.529	156	287890	47.796	ug/l	100
78) n-propylbenzene	12.590	91	1543476	48.108	ug/l	100
79) 2-Chlorotoluene	12.676	91	871527	48.080	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	1052077	49.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	66143	45.554	ug/l	99
82) 4-Chlorotoluene	12.773	91	919177	48.276	ug/l	99
83) tert-Butylbenzene	12.993	119	917192	48.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	1058356	49.278	ug/l	99
85) sec-Butylbenzene	13.170	105	1377847	48.405	ug/l	100
86) p-Isopropyltoluene	13.285	119	1157677	48.873	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	584110	48.286	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	574913	47.844	ug/l	100
89) n-Butylbenzene	13.615	91	1083397	48.623	ug/l	100
90) Hexachloroethane	13.877	117	228507	48.434	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	512081	48.036	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35693	49.145	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	293980	48.842	ug/l	99
94) Hexachlorobutadiene	15.017	225	157173	46.178	ug/l	98
95) Naphthalene	15.139	128	558879	51.347	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	252267	48.503	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

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

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

ICAL Form

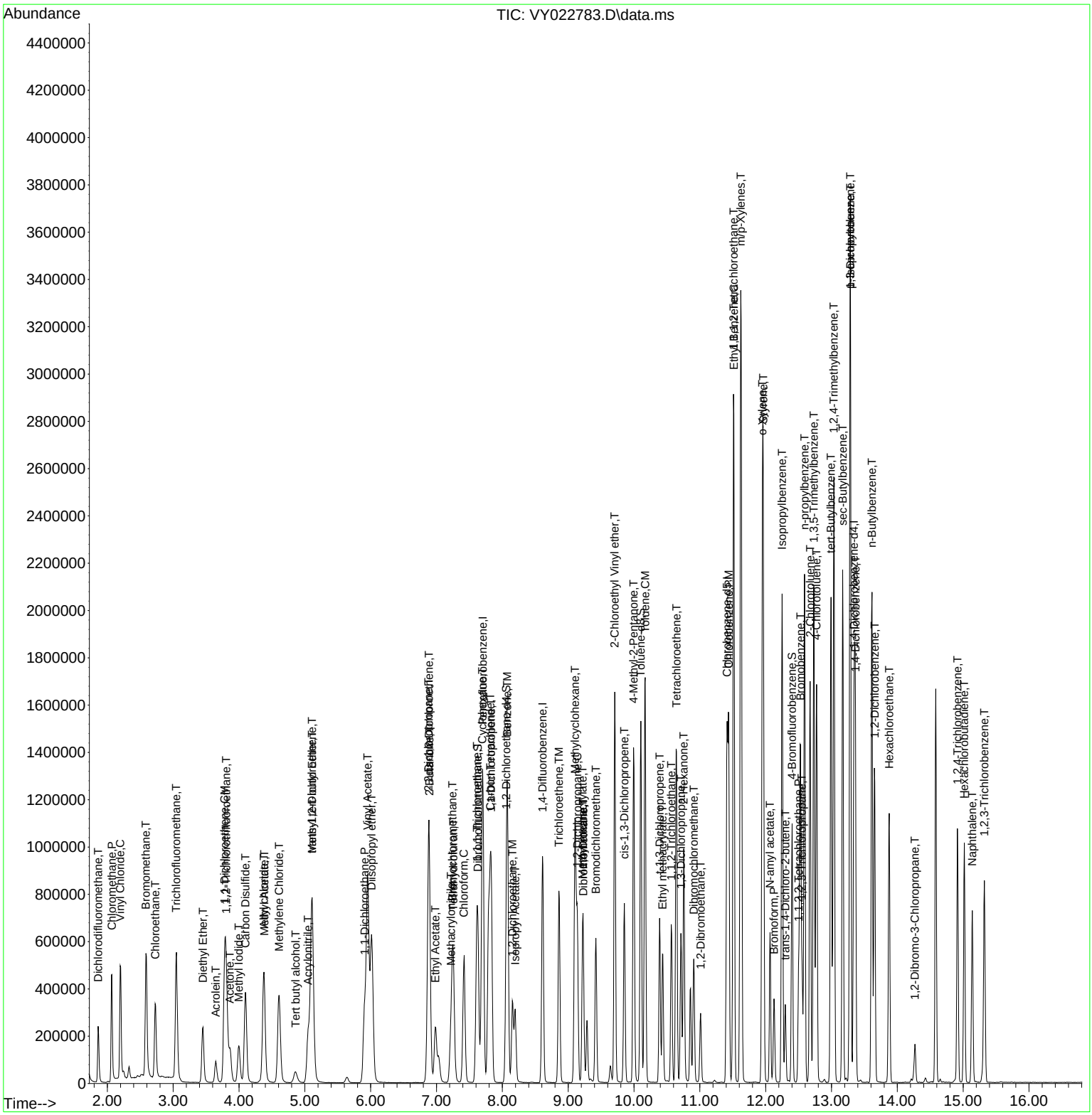
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 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	103	-0.01
2	T	Dichlorodifluoromethane	0.428	0.393	8.2	95	0.00
3	P	Chloromethane	0.816	0.799	2.1	104	0.00
4	C	Vinyl Chloride	1.020	1.000	2.0#	99	0.00
5	T	Bromomethane	0.802	0.776	3.2	104	-0.01
6	T	Chloroethane	0.686	0.661	3.6	98	-0.01
7	T	Trichlorofluoromethane	1.129	1.081	4.3	96	-0.01
8	T	Diethyl Ether	0.279	0.268	3.9	97	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.488	5.4	97	-0.01
10	T	Methyl Iodide	0.562	0.527	6.2	87	-0.01
11	T	Tert butyl alcohol	0.037	0.038	-2.7	102	-0.02
12	CM	1,1-Dichloroethene	0.506	0.485	4.2#	97	-0.02
13	T	Acrolein	0.050	0.042	16.0	86	-0.01
14	T	Allyl chloride	0.778	0.745	4.2	96	-0.01
15	T	Acrylonitrile	0.116	0.116	0.0	99	-0.02
16	T	Acetone	0.105	0.091	13.3	98	-0.02
17	T	Carbon Disulfide	1.635	1.570	4.0	97	-0.01
18	T	Methyl Acetate	0.349	0.353	-1.1	104	-0.01
19	T	Methyl tert-butyl Ether	1.378	1.360	1.3	98	-0.02
20	T	Methylene Chloride	0.666	0.581	12.8	101	-0.01
21	T	trans-1,2-Dichloroethene	0.578	0.556	3.8	97	-0.01
22	T	Diisopropyl ether	1.729	1.668	3.5	96	-0.01
23	T	Vinyl Acetate	0.955	0.943	1.3	96	-0.02
24	P	1,1-Dichloroethane	1.044	1.014	2.9	97	-0.01
25	T	2-Butanone	0.154	0.147	4.5	99	-0.01
26	T	2,2-Dichloropropane	0.875	0.808	7.7	94	-0.01
27	T	cis-1,2-Dichloroethene	0.672	0.643	4.3	97	-0.01
28	T	Bromochloromethane	0.439	0.440	-0.2	99	0.00
29	T	Tetrahydrofuran	0.097	0.098	-1.0	99	-0.01
30	C	Chloroform	1.076	1.043	3.1#	98	-0.01
31	T	Cyclohexane	0.959	0.880	8.2	96	-0.01
32	T	1,1,1-Trichloroethane	0.929	0.899	3.2	97	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.559	-0.2	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.304	0.306	-0.7	103	-0.01
36	T	1,1-Dichloropropene	0.461	0.440	4.6	96	-0.01
37	T	Ethyl Acetate	0.199	0.198	0.5	99	-0.01
38	T	Carbon Tetrachloride	0.486	0.463	4.7	97	0.00
39	T	Methylcyclohexane	0.596	0.575	3.5	96	-0.01
40	TM	Benzene	1.417	1.371	3.2	96	-0.01
41	T	Methacrylonitrile	0.122	0.132	-8.2	113	-0.01
42	TM	1,2-Dichloroethane	0.388	0.381	1.8	98	-0.01
43	T	Isopropyl Acetate	0.413	0.413	0.0	97	0.00
44	TM	Trichloroethene	0.356	0.341	4.2	94	0.00
45	C	1,2-Dichloropropane	0.332	0.322	3.0#	97	0.00
46	T	Dibromomethane	0.188	0.181	3.7	97	0.00
47	T	Bromodichloromethane	0.485	0.475	2.1	98	0.00
48	T	Methyl methacrylate	0.199	0.204	-2.5	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 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	0.002	0.002	0.0	97	-0.02
50	S	Toluene-d8	1.207	1.201	0.5	101	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.215	-2.4	98	0.00
52	CM	Toluene	0.894	0.874	2.2#	97	0.00
53	T	t-1,3-Dichloropropene	0.437	0.432	1.1	98	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.502	0.8	98	0.00
55	T	1,1,2-Trichloroethane	0.244	0.241	1.2	98	0.00
56	T	Ethyl methacrylate	0.328	0.335	-2.1	97	-0.01
57	T	1,3-Dichloropropane	0.425	0.422	0.7	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.169	-16.6	102	0.00
59	T	2-Hexanone	0.143	0.144	-0.7	98	0.00
60	T	Dibromochloromethane	0.315	0.315	0.0	98	0.00
61	T	1,2-Dibromoethane	0.228	0.225	1.3	98	0.00
62	S	4-Bromofluorobenzene	0.388	0.391	-0.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.472	0.428	9.3	86	0.00
65	PM	Chlorobenzene	1.099	1.057	3.8	98	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.357	4.0	96	0.00
67	C	Ethyl Benzene	1.930	1.904	1.3#	98	0.00
68	T	m/p-Xylenes	0.746	0.735	1.5	98	-0.01
69	T	o-Xylene	0.703	0.698	0.7	99	0.00
70	T	Styrene	1.178	1.175	0.3	98	0.00
71	P	Bromoform	0.207	0.200	3.4	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.698	3.519	4.8	97	0.00
74	T	N-amyl acetate	0.830	0.834	-0.5	97	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.594	0.3	109	0.00
76	T	1,2,3-Trichloropropane	0.510	0.478	6.3	98	0.00
77	T	Bromobenzene	0.838	0.801	4.4	98	0.00
78	T	n-propylbenzene	4.465	4.296	3.8	98	0.00
79	T	2-Chlorotoluene	2.522	2.426	3.8	98	0.00
80	T	1,3,5-Trimethylbenzene	2.985	2.928	1.9	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.184	8.9	97	0.00
82	T	4-Chlorotoluene	2.650	2.558	3.5	99	0.00
83	T	tert-Butylbenzene	2.633	2.553	3.0	98	0.00
84	T	1,2,4-Trimethylbenzene	2.989	2.946	1.4	99	0.00
85	T	sec-Butylbenzene	3.961	3.835	3.2	98	0.00
86	T	p-Isopropyltoluene	3.296	3.222	2.2	98	0.00
87	T	1,3-Dichlorobenzene	1.683	1.626	3.4	99	0.00
88	T	1,4-Dichlorobenzene	1.672	1.600	4.3	99	0.00
89	T	n-Butylbenzene	3.101	3.015	2.8	98	0.00
90	T	Hexachloroethane	0.657	0.636	3.2	98	0.00
91	T	1,2-Dichlorobenzene	1.483	1.425	3.9	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.099	2.0	100	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.818	2.4	101	0.00
94	T	Hexachlorobutadiene	0.474	0.437	7.8	98	0.00
95	T	Naphthalene	1.515	1.555	-2.6	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.702	3.0	100	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 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	103	-0.01
2	T	Dichlorodifluoromethane	50.000	45.936	8.1	95	0.00
3	P	Chloromethane	50.000	48.905	2.2	104	0.00
4	C	Vinyl Chloride	50.000	49.034	1.9#	99	0.00
5	T	Bromomethane	50.000	48.375	3.3	104	-0.01
6	T	Chloroethane	50.000	48.206	3.6	98	-0.01
7	T	Trichlorofluoromethane	50.000	47.875	4.3	96	-0.01
8	T	Diethyl Ether	50.000	48.097	3.8	97	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.248	5.5	97	-0.01
10	T	Methyl Iodide	50.000	46.847	6.3	87	-0.01
11	T	Tert butyl alcohol	250.000	253.906	-1.6	102	-0.02
12	CM	1,1-Dichloroethene	50.000	47.868	4.3#	97	-0.02
13	T	Acrolein	250.000	206.396	17.4	86	-0.01
14	T	Allyl chloride	50.000	47.825	4.3	96	-0.01
15	T	Acrylonitrile	250.000	248.823	0.5	99	-0.02
16	T	Acetone	250.000	214.694	14.1	98	-0.02
17	T	Carbon Disulfide	50.000	48.003	4.0	97	-0.01
18	T	Methyl Acetate	50.000	50.527	-1.1	104	-0.01
19	T	Methyl tert-butyl Ether	50.000	49.329	1.3	98	-0.02
20	T	Methylene Chloride	50.000	43.635	12.7	101	-0.01
21	T	trans-1,2-Dichloroethene	50.000	48.066	3.9	97	-0.01
22	T	Diisopropyl ether	50.000	48.237	3.5	96	-0.01
23	T	Vinyl Acetate	250.000	247.008	1.2	96	-0.02
24	P	1,1-Dichloroethane	50.000	48.573	2.9	97	-0.01
25	T	2-Butanone	250.000	239.723	4.1	99	-0.01
26	T	2,2-Dichloropropane	50.000	46.171	7.7	94	-0.01
27	T	cis-1,2-Dichloroethene	50.000	47.867	4.3	97	-0.01
28	T	Bromochloromethane	50.000	50.087	-0.2	99	0.00
29	T	Tetrahydrofuran	250.000	252.693	-1.1	99	-0.01
30	C	Chloroform	50.000	48.491	3.0#	98	-0.01
31	T	Cyclohexane	50.000	45.926	8.1	96	-0.01
32	T	1,1,1-Trichloroethane	50.000	48.388	3.2	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.109	-0.2	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	50.304	-0.6	103	-0.01
36	T	1,1-Dichloropropene	50.000	47.735	4.5	96	-0.01
37	T	Ethyl Acetate	50.000	49.894	0.2	99	-0.01
38	T	Carbon Tetrachloride	50.000	47.632	4.7	97	0.00
39	T	Methylcyclohexane	50.000	48.226	3.5	96	-0.01
40	TM	Benzene	50.000	48.376	3.2	96	-0.01
41	T	Methacrylonitrile	50.000	53.720	-7.4	113	-0.01
42	TM	1,2-Dichloroethane	50.000	49.108	1.8	98	-0.01
43	T	Isopropyl Acetate	50.000	49.983	0.0	97	0.00
44	TM	Trichloroethene	50.000	47.904	4.2	94	0.00
45	C	1,2-Dichloropropane	50.000	48.510	3.0#	97	0.00
46	T	Dibromomethane	50.000	48.070	3.9	97	0.00
47	T	Bromodichloromethane	50.000	48.872	2.3	98	0.00
48	T	Methyl methacrylate	50.000	51.285	-2.6	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 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	983.335	1.7	97	-0.02
50	S	Toluene-d8	50.000	49.755	0.5	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.103	-2.4	98	0.00
52	CM	Toluene	50.000	48.894	2.2#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	49.428	1.1	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.547	0.9	98	0.00
55	T	1,1,2-Trichloroethane	50.000	49.380	1.2	98	0.00
56	T	Ethyl methacrylate	50.000	51.054	-2.1	97	-0.01
57	T	1,3-Dichloropropane	50.000	49.568	0.9	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.249	1.9	102	0.00
59	T	2-Hexanone	250.000	251.999	-0.8	98	0.00
60	T	Dibromochloromethane	50.000	49.955	0.1	98	0.00
61	T	1,2-Dibromoethane	50.000	49.399	1.2	98	0.00
62	S	4-Bromofluorobenzene	50.000	50.342	-0.7	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	45.257	9.5	86	0.00
65	PM	Chlorobenzene	50.000	48.095	3.8	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.973	4.1	96	0.00
67	C	Ethyl Benzene	50.000	49.316	1.4#	98	0.00
68	T	m/p-Xylenes	100.000	98.506	1.5	98	-0.01
69	T	o-Xylene	50.000	49.631	0.7	99	0.00
70	T	Styrene	50.000	49.897	0.2	98	0.00
71	P	Bromoform	50.000	48.380	3.2	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	47.581	4.8	97	0.00
74	T	N-amyl acetate	50.000	50.258	-0.5	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.808	0.4	109	0.00
76	T	1,2,3-Trichloropropane	50.000	46.775	6.5	98	0.00
77	T	Bromobenzene	50.000	47.796	4.4	98	0.00
78	T	n-propylbenzene	50.000	48.108	3.8	98	0.00
79	T	2-Chlorotoluene	50.000	48.080	3.8	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.044	1.9	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.554	8.9	97	0.00
82	T	4-Chlorotoluene	50.000	48.276	3.4	99	0.00
83	T	tert-Butylbenzene	50.000	48.481	3.0	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.278	1.4	99	0.00
85	T	sec-Butylbenzene	50.000	48.405	3.2	98	0.00
86	T	p-Isopropyltoluene	50.000	48.873	2.3	98	0.00
87	T	1,3-Dichlorobenzene	50.000	48.286	3.4	99	0.00
88	T	1,4-Dichlorobenzene	50.000	47.844	4.3	99	0.00
89	T	n-Butylbenzene	50.000	48.623	2.8	98	0.00
90	T	Hexachloroethane	50.000	48.434	3.1	98	0.00
91	T	1,2-Dichlorobenzene	50.000	48.036	3.9	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.145	1.7	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.842	2.3	101	0.00
94	T	Hexachlorobutadiene	50.000	46.178	7.6	98	0.00
95	T	Naphthalene	50.000	51.347	-2.7	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022783.D
Acq On : 23 Jun 2025 16:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Quant Time: Jun 24 03:36:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 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	48.503	3.0	100	0.00

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

Raw Data: **VN087122.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_N Calibration Date/Time: 06/20/2025 08:51

Lab File ID: VN087122.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.562		12.63	20
Chloromethane	0.644	0.569	0.1	-11.65	20
Vinyl Chloride	0.664	0.755		13.7	20
Bromomethane	0.372	0.413		11.02	20
Chloroethane	0.429	0.470		9.56	20
Trichlorofluoromethane	0.868	0.973		12.1	20
1,1,2-Trichlorotrifluoroethane	0.545	0.618		13.39	20
1,1-Dichloroethene	0.557	0.621		11.49	20
Acetone	0.355	0.401		12.96	20
Carbon Disulfide	1.539	1.736		12.8	20
Methyl tert-butyl Ether	2.015	2.100		4.22	20
Methyl Acetate	1.035	0.888		-14.2	20
Methylene Chloride	0.665	0.682		2.56	20
trans-1,2-Dichloroethene	0.619	0.660		6.62	20
1,1-Dichloroethane	1.120	1.192	0.1	6.43	20
Cyclohexane	1.086	1.038		-4.42	20
2-Butanone	0.577	0.503		-12.82	20
Carbon Tetrachloride	0.433	0.485		12.01	20
cis-1,2-Dichloroethene	0.740	0.789		6.62	20
Bromochloromethane	0.550	0.505		-8.18	20
Chloroform	1.118	1.161		3.85	20
1,1,1-Trichloroethane	0.951	0.998		4.94	20
Methylcyclohexane	0.605	0.596		-1.49	20
Benzene	1.444	1.560		8.03	20
1,2-Dichloroethane	0.438	0.468		6.85	20
Trichloroethene	0.342	0.380		11.11	20
1,2-Dichloropropane	0.351	0.381		8.55	20
Bromodichloromethane	0.480	0.522		8.75	20
4-Methyl-2-Pentanone	0.543	0.523		-3.68	20
Toluene	0.882	0.968		9.75	20
t-1,3-Dichloropropene	0.537	0.595		10.8	20
cis-1,3-Dichloropropene	0.574	0.641		11.67	20
1,1,2-Trichloroethane	0.340	0.365		7.35	20
2-Hexanone	0.350	0.345		-1.43	20
Dibromochloromethane	0.354	0.396		11.86	20
1,2-Dibromoethane	0.348	0.374		7.47	20
Tetrachloroethene	0.316	0.347		9.81	20
Chlorobenzene	1.103	1.217	0.3	10.34	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: **VN087122.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_N Calibration Date/Time: 06/20/2025 08:51

Lab File ID: VN087122.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.900	2.054		8.1	20
m/p-Xylenes	0.727	0.830		14.17	20
o-Xylene	0.696	0.787		13.07	20
Styrene	1.192	1.339		12.33	20
Bromoform	0.263	0.304	0.1	15.59	20
Isopropylbenzene	3.643	3.919		7.58	20
1,1,2,2-Tetrachloroethane	1.234	1.287	0.3	4.3	20
1,3-Dichlorobenzene	1.644	1.796		9.25	20
1,4-Dichlorobenzene	1.676	1.831		9.25	20
1,2-Dichlorobenzene	1.579	1.693		7.22	20
1,2-Dibromo-3-Chloropropane	0.295	0.273		-7.46	20
1,2,4-Trichlorobenzene	1.008	0.932		-7.54	20
1,2,3-Trichlorobenzene	1.002	0.905		-9.68	20
1,2-Dichloroethane-d4	0.669	0.665		-0.6	20
Dibromofluoromethane	0.296	0.333		12.5	20
Toluene-d8	1.173	1.216		3.67	20
4-Bromofluorobenzene	0.436	0.458		5.05	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_N\Data\VN062025\
Data File : VN087122.D
Acq On : 20 Jun 2025 08:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 22:58:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	203626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135451	49.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.360%			
35) Dibromofluoromethane	8.171	113	118104	56.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.400%			
50) Toluene-d8	10.565	98	431376	51.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	162293	52.505	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	114535	56.413	ug/l	98
3) Chloromethane	2.395	50	115769	44.158	ug/l	100
4) Vinyl Chloride	2.554	62	153653	56.815	ug/l	98
5) Bromomethane	2.989	94	84087	55.560	ug/l	94
6) Chloroethane	3.154	64	95689	54.776	ug/l	95
7) Trichlorofluoromethane	3.530	101	198189	56.089	ug/l	99
8) Diethyl Ether	3.983	74	82515	53.598	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.401	101	125740	56.640	ug/l	99
10) Methyl Iodide	4.612	142	110166	38.281	ug/l	98
11) Tert butyl alcohol	5.530	59	148565	200.828	ug/l	100
12) 1,1-Dichloroethene	4.371	96	126496	55.813	ug/l	91
13) Acrolein	4.195	56	40867	174.525	ug/l	99
14) Allyl chloride	5.048	41	180754	48.089	ug/l	96
15) Acrylonitrile	5.730	53	415621	240.370	ug/l	99
16) Acetone	4.442	43	408428	282.494	ug/l	96
17) Carbon Disulfide	4.742	76	353424	56.375	ug/l	99
18) Methyl Acetate	5.042	43	180902	42.936	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	427685	52.117	ug/l	98
20) Methylene Chloride	5.295	84	138790	51.275	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	134420	53.308	ug/l	94
22) Diisopropyl ether	6.683	45	387584	48.918	ug/l	98
23) Vinyl Acetate	6.618	43	1697179	253.532	ug/l	98
24) 1,1-Dichloroethane	6.583	63	242668	53.222	ug/l	98
25) 2-Butanone	7.489	43	512360	218.017	ug/l	97
26) 2,2-Dichloropropane	7.500	77	211417	59.608	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	160735	53.300	ug/l	99
28) Bromochloromethane	7.818	49	102876	45.889	ug/l	94
29) Tetrahydrofuran	7.847	42	338392	221.039	ug/l	95
30) Chloroform	7.971	83	236403	51.917	ug/l	97
31) Cyclohexane	8.265	56	211393	47.807	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	203156	52.457	ug/l	98
36) 1,1-Dichloropropene	8.377	75	175815	56.142	ug/l	99
37) Ethyl Acetate	7.571	43	193106	48.439	ug/l	99
38) Carbon Tetrachloride	8.371	117	171875	55.903	ug/l	98
39) Methylcyclohexane	9.600	83	211514	49.299	ug/l	96
40) Benzene	8.612	78	553142	54.015	ug/l	100

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	108376	48.406	ug/l		96
42) 1,2-Dichloroethane	8.671	62	166002	53.445	ug/l		100
43) Isopropyl Acetate	8.688	43	302481	47.274	ug/l		96
44) Trichloroethene	9.353	130	134794	55.512	ug/l		98
45) 1,2-Dichloropropane	9.624	63	135156	54.250	ug/l		99
46) Dibromomethane	9.706	93	93500	56.502	ug/l		98
47) Bromodichloromethane	9.888	83	185179	54.389	ug/l		99
48) Methyl methacrylate	9.682	41	139254	47.285	ug/l		94
49) 1,4-Dioxane	9.706	88	48854	911.870	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.441	43	926911	240.636	ug/l		97
52) Toluene	10.630	92	343217	54.842	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	210831	55.378	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	227221	55.780	ug/l		96
55) 1,1,2-Trichloroethane	11.012	97	129471	53.766	ug/l		98
56) Ethyl methacrylate	10.877	69	215240	56.118	ug/l		92
57) 1,3-Dichloropropane	11.159	76	222840	53.346	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	553411	241.912	ug/l		98
59) 2-Hexanone	11.200	43	611555	246.480	ug/l		92
60) Dibromochloromethane	11.359	129	140321	55.929	ug/l		100
61) 1,2-Dibromoethane	11.471	107	132794	53.802	ug/l		100
64) Tetrachloroethene	11.100	164	106654	54.831	ug/l		96
65) Chlorobenzene	11.888	112	373921	55.160	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	120447	55.275	ug/l		99
67) Ethyl Benzene	11.959	91	631377	54.073	ug/l		99
68) m/p-Xylenes	12.071	106	510412	114.193	ug/l		96
69) o-Xylene	12.394	106	241938	56.516	ug/l		96
70) Styrene	12.406	104	411615	56.191	ug/l		98
71) Bromoform	12.576	173	93301	57.788	ug/l	#	99
73) Isopropylbenzene	12.694	105	594013	53.801	ug/l		100
74) N-amyl acetate	12.512	43	177782	46.080	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	195031	52.142	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	180766m	50.178	ug/l		
77) Bromobenzene	12.976	156	144575	57.098	ug/l		94
78) n-propylbenzene	13.029	91	700828	52.232	ug/l		99
79) 2-Chlorotoluene	13.123	91	424884	52.803	ug/l		98
80) 1,3,5-Trimethylbenzene	13.171	105	485814	53.295	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	83992	53.670	ug/l	#	73
82) 4-Chlorotoluene	13.218	91	434656	53.385	ug/l		98
83) tert-Butylbenzene	13.435	119	416876	49.960	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	487717	53.356	ug/l		100
85) sec-Butylbenzene	13.612	105	592254	48.876	ug/l		100
86) p-Isopropyltoluene	13.723	119	499459	49.863	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	272120	54.623	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	277541	54.645	ug/l		99
89) n-Butylbenzene	14.053	91	436509	44.990	ug/l		100
90) Hexachloroethane	14.329	117	88671	52.224	ug/l		96
91) 1,2-Dichlorobenzene	14.100	146	256527	53.598	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41417	46.301	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	141215	46.205	ug/l		99
94) Hexachlorobutadiene	15.494	225	40175	35.282	ug/l		99
95) Naphthalene	15.635	128	562260	49.425	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	137222	45.190	ug/l		100

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Manual Integrations APPROVED

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

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

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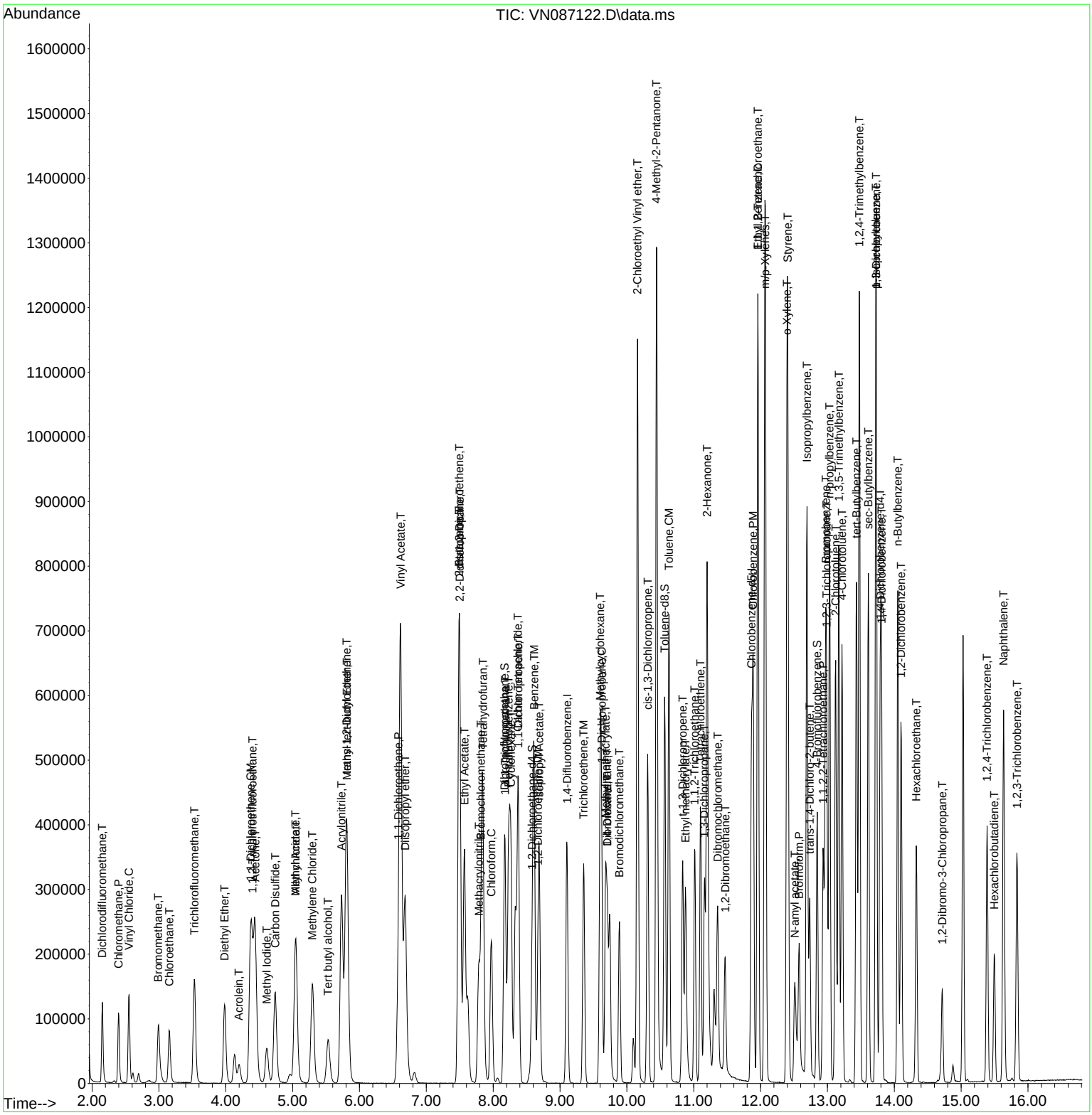

Evaluate Continuing Calibration Report

Sample Results: **VN087122.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
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Acq On : 20 Jun 2025 08:51
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Sample : VSTDCCC050
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Quant Time: Jun 20 22:58:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
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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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	0.499	0.562	-12.6	110	0.00
3	P	Chloromethane	0.644	0.569	11.6	93	0.00
4	C	Vinyl Chloride	0.664	0.755	-13.7#	116	0.00
5	T	Bromomethane	0.372	0.413	-11.0	114	0.00
6	T	Chloroethane	0.429	0.470	-9.6	113	0.00
7	T	Trichlorofluoromethane	0.868	0.973	-12.1	115	0.00
8	T	Diethyl Ether	0.378	0.405	-7.1	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.618	-13.4	117	0.00
10	T	Methyl Iodide	0.707	0.541	23.5	78	0.00
11	T	Tert butyl alcohol	0.182	0.146	19.8	81	-0.02
12	CM	1,1-Dichloroethene	0.557	0.621	-11.5#	114	0.01
13	T	Acrolein	0.057	0.040	29.8#	87	0.00
14	T	Allyl chloride	0.923	0.888	3.8	101	0.00
15	T	Acrylonitrile	0.425	0.408	4.0	99	-0.01
16	T	Acetone	0.355	0.401	-13.0	122	0.00
17	T	Carbon Disulfide	1.539	1.736	-12.8	119	0.01
18	T	Methyl Acetate	1.035	0.888	14.2	88	0.00
19	T	Methyl tert-butyl Ether	2.015	2.100	-4.2	107	0.00
20	T	Methylene Chloride	0.665	0.682	-2.6	111	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.660	-6.6	114	0.00
22	T	Diisopropyl ether	1.945	1.903	2.2	101	0.00
23	T	Vinyl Acetate	1.644	1.667	-1.4	103	0.00
24	P	1,1-Dichloroethane	1.120	1.192	-6.4	110	0.00
25	T	2-Butanone	0.577	0.503	12.8	90	0.00
26	T	2,2-Dichloropropane	0.871	1.038	-19.2	113	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.789	-6.6	111	0.00
28	T	Bromochloromethane	0.550	0.505	8.2	106	0.00
29	T	Tetrahydrofuran	0.376	0.332	11.7	91	0.00
30	C	Chloroform	1.118	1.161	-3.8#	107	0.00
31	T	Cyclohexane	1.086	1.038	4.4	102	0.00
32	T	1,1,1-Trichloroethane	0.951	0.998	-4.9	110	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.665	0.6	131	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.296	0.333	-12.5	142	0.00
36	T	1,1-Dichloropropene	0.442	0.496	-12.2	111	0.00
37	T	Ethyl Acetate	0.562	0.545	3.0	95	0.00
38	T	Carbon Tetrachloride	0.433	0.485	-12.0	111	0.00
39	T	Methylcyclohexane	0.605	0.596	1.5	98	0.00
40	TM	Benzene	1.444	1.560	-8.0	109	0.00
41	T	Methacrylonitrile	0.316	0.306	3.2	94	0.00
42	TM	1,2-Dichloroethane	0.438	0.468	-6.8	107	0.00
43	T	Isopropyl Acetate	0.902	0.853	5.4	94	0.00
44	TM	Trichloroethene	0.342	0.380	-11.1	109	0.00
45	C	1,2-Dichloropropane	0.351	0.381	-8.5#	108	0.00
46	T	Dibromomethane	0.233	0.264	-13.3	112	-0.01
47	T	Bromodichloromethane	0.480	0.522	-8.8	107	0.00
48	T	Methyl methacrylate	0.415	0.393	5.3	93	0.00

Sample Results: **VN087122.D**

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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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.007	12.5	83	0.00
50	S	Toluene-d8	1.173	1.216	-3.7	132	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.523	3.7	91	0.00
52	CM	Toluene	0.882	0.968	-9.8#	109	0.00
53	T	t-1,3-Dichloropropene	0.537	0.595	-10.8	107	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.641	-11.7	109	0.00
55	T	1,1,2-Trichloroethane	0.340	0.365	-7.4	106	0.00
56	T	Ethyl methacrylate	0.541	0.607	-12.2	102	0.00
57	T	1,3-Dichloropropane	0.589	0.628	-6.6	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.312	3.4	107	0.00
59	T	2-Hexanone	0.350	0.345	1.4	88	0.00
60	T	Dibromochloromethane	0.354	0.396	-11.9	109	0.00
61	T	1,2-Dibromoethane	0.348	0.374	-7.5	107	0.00
62	S	4-Bromofluorobenzene	0.436	0.458	-5.0	132	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.316	0.347	-9.8	109	0.00
65	PM	Chlorobenzene	1.103	1.217	-10.3	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.392	-10.7	107	0.00
67	C	Ethyl Benzene	1.899	2.054	-8.2#	106	0.00
68	T	m/p-Xylenes	0.727	0.830	-14.2	109	0.00
69	T	o-Xylene	0.696	0.787	-13.1	108	0.00
70	T	Styrene	1.192	1.339	-12.3	106	0.00
71	P	Bromoform	0.263	0.304	-15.6	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.643	3.919	-7.6	104	0.00
74	T	N-amyl acetate	1.273	1.173	7.9	84	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.287	-4.3	99	0.00
76	T	1,2,3-Trichloropropane	1.189	1.193	-0.3	92	0.00
77	T	Bromobenzene	0.835	0.954	-14.3	109	0.00
78	T	n-propylbenzene	4.427	4.624	-4.4	99	0.00
79	T	2-Chlorotoluene	2.655	2.804	-5.6	101	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.206	-6.6	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.554	-7.4	105	0.00
82	T	4-Chlorotoluene	2.686	2.868	-6.8	102	0.00
83	T	tert-Butylbenzene	2.753	2.751	0.1	95	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.218	-6.7	100	0.00
85	T	sec-Butylbenzene	3.998	3.908	2.3	92	0.00
86	T	p-Isopropyltoluene	3.305	3.296	0.3	94	0.00
87	T	1,3-Dichlorobenzene	1.644	1.796	-9.2	105	0.00
88	T	1,4-Dichlorobenzene	1.676	1.831	-9.2	105	0.00
89	T	n-Butylbenzene	3.201	2.880	10.0	85	0.00
90	T	Hexachloroethane	0.560	0.585	-4.5	99	0.00
91	T	1,2-Dichlorobenzene	1.579	1.693	-7.2	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.273	7.5	91	0.00
93	T	1,2,4-Trichlorobenzene	1.008	0.932	7.5	87	0.00
94	T	Hexachlorobutadiene	0.376	0.265	29.5#	66	0.00
95	T	Naphthalene	3.753	3.710	1.1	93	0.00

Sample Results: **VN087122.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087122.D
Acq On : 20 Jun 2025 08:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 22:58:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	0.905	9.7	86	0.00

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

Sample Results: **VN087122.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087122.D
Acq On : 20 Jun 2025 08:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 22:58:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	56.413	-12.8	110	0.00
3	P	Chloromethane	50.000	44.158	11.7	93	0.00
4	C	Vinyl Chloride	50.000	56.815	-13.6#	116	0.00
5	T	Bromomethane	50.000	55.560	-11.1	114	0.00
6	T	Chloroethane	50.000	54.776	-9.6	113	0.00
7	T	Trichlorofluoromethane	50.000	56.089	-12.2	115	0.00
8	T	Diethyl Ether	50.000	53.598	-7.2	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.640	-13.3	117	0.00
10	T	Methyl Iodide	50.000	38.281	23.4	78	0.00
11	T	Tert butyl alcohol	250.000	200.828	19.7	81	-0.02
12	CM	1,1-Dichloroethene	50.000	55.813	-11.6#	114	0.01
13	T	Acrolein	250.000	174.525	30.2#	87	0.00
14	T	Allyl chloride	50.000	48.089	3.8	101	0.00
15	T	Acrylonitrile	250.000	240.370	3.9	99	-0.01
16	T	Acetone	250.000	282.494	-13.0	122	0.00
17	T	Carbon Disulfide	50.000	56.375	-12.8	119	0.01
18	T	Methyl Acetate	50.000	42.936	14.1	88	0.00
19	T	Methyl tert-butyl Ether	50.000	52.117	-4.2	107	0.00
20	T	Methylene Chloride	50.000	51.275	-2.5	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.308	-6.6	114	0.00
22	T	Diisopropyl ether	50.000	48.918	2.2	101	0.00
23	T	Vinyl Acetate	250.000	253.532	-1.4	103	0.00
24	P	1,1-Dichloroethane	50.000	53.222	-6.4	110	0.00
25	T	2-Butanone	250.000	218.017	12.8	90	0.00
26	T	2,2-Dichloropropane	50.000	59.608	-19.2	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.300	-6.6	111	0.00
28	T	Bromochloromethane	50.000	45.889	8.2	106	0.00
29	T	Tetrahydrofuran	250.000	221.039	11.6	91	0.00
30	C	Chloroform	50.000	51.917	-3.8#	107	0.00
31	T	Cyclohexane	50.000	47.807	4.4	102	0.00
32	T	1,1,1-Trichloroethane	50.000	52.457	-4.9	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.683	0.6	131	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	56.197	-12.4	142	0.00
36	T	1,1-Dichloropropene	50.000	56.142	-12.3	111	0.00
37	T	Ethyl Acetate	50.000	48.439	3.1	95	0.00
38	T	Carbon Tetrachloride	50.000	55.903	-11.8	111	0.00
39	T	Methylcyclohexane	50.000	49.299	1.4	98	0.00
40	TM	Benzene	50.000	54.015	-8.0	109	0.00
41	T	Methacrylonitrile	50.000	48.406	3.2	94	0.00
42	TM	1,2-Dichloroethane	50.000	53.445	-6.9	107	0.00
43	T	Isopropyl Acetate	50.000	47.274	5.5	94	0.00
44	TM	Trichloroethene	50.000	55.512	-11.0	109	0.00
45	C	1,2-Dichloropropane	50.000	54.250	-8.5#	108	0.00
46	T	Dibromomethane	50.000	56.502	-13.0	112	-0.01
47	T	Bromodichloromethane	50.000	54.389	-8.8	107	0.00
48	T	Methyl methacrylate	50.000	47.285	5.4	93	0.00

Sample Results: **VN087122.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087122.D
Acq On : 20 Jun 2025 08:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 22:58:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	911.870	8.8	83	0.00
50	S	Toluene-d8	50.000	51.850	-3.7	132	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.636	3.7	91	0.00
52	CM	Toluene	50.000	54.842	-9.7#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	55.378	-10.8	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.780	-11.6	109	0.00
55	T	1,1,2-Trichloroethane	50.000	53.766	-7.5	106	0.00
56	T	Ethyl methacrylate	50.000	56.118	-12.2	102	0.00
57	T	1,3-Dichloropropane	50.000	53.346	-6.7	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.912	3.2	107	0.00
59	T	2-Hexanone	250.000	246.480	1.4	88	0.00
60	T	Dibromochloromethane	50.000	55.929	-11.9	109	0.00
61	T	1,2-Dibromoethane	50.000	53.802	-7.6	107	0.00
62	S	4-Bromofluorobenzene	50.000	52.505	-5.0	132	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	54.831	-9.7	109	0.00
65	PM	Chlorobenzene	50.000	55.160	-10.3	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.275	-10.5	107	0.00
67	C	Ethyl Benzene	50.000	54.073	-8.1#	106	0.00
68	T	m/p-Xylenes	100.000	114.193	-14.2	109	0.00
69	T	o-Xylene	50.000	56.516	-13.0	108	0.00
70	T	Styrene	50.000	56.191	-12.4	106	0.00
71	P	Bromoform	50.000	57.788	-15.6	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	53.801	-7.6	104	0.00
74	T	N-amyl acetate	50.000	46.080	7.8	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.142	-4.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	50.178	-0.4	92	0.00
77	T	Bromobenzene	50.000	57.098	-14.2	109	0.00
78	T	n-propylbenzene	50.000	52.232	-4.5	99	0.00
79	T	2-Chlorotoluene	50.000	52.803	-5.6	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.295	-6.6	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.670	-7.3	105	0.00
82	T	4-Chlorotoluene	50.000	53.385	-6.8	102	0.00
83	T	tert-Butylbenzene	50.000	49.960	0.1	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.356	-6.7	100	0.00
85	T	sec-Butylbenzene	50.000	48.876	2.2	92	0.00
86	T	p-Isopropyltoluene	50.000	49.863	0.3	94	0.00
87	T	1,3-Dichlorobenzene	50.000	54.623	-9.2	105	0.00
88	T	1,4-Dichlorobenzene	50.000	54.645	-9.3	105	0.00
89	T	n-Butylbenzene	50.000	44.990	10.0	85	0.00
90	T	Hexachloroethane	50.000	52.224	-4.4	99	0.00
91	T	1,2-Dichlorobenzene	50.000	53.598	-7.2	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.301	7.4	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.205	7.6	87	0.00
94	T	Hexachlorobutadiene	50.000	35.282	29.4#	66	0.00
95	T	Naphthalene	50.000	49.425	1.2	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087122.D
Acq On : 20 Jun 2025 08:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 22:58:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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	45.190	9.6	86	0.00

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

Raw Data: **VX046758.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.565		5.8	20
Chloromethane	0.576	0.595	0.1	3.3	20
Vinyl Chloride	0.614	0.641		4.4	20
Bromomethane	0.346	0.384		10.98	20
Chloroethane	0.372	0.387		4.03	20
Trichlorofluoromethane	0.933	0.957		2.57	20
1,1,2-Trichlorotrifluoroethane	0.572	0.592		3.5	20
1,1-Dichloroethene	0.552	0.572		3.62	20
Acetone	0.231	0.185		-19.91	20
Carbon Disulfide	1.668	1.595		-4.38	20
Methyl tert-butyl Ether	1.720	1.569		-8.78	20
Methyl Acetate	0.586	0.480		-18.09	20
Methylene Chloride	0.641	0.618		-3.59	20
trans-1,2-Dichloroethene	0.591	0.587		-0.68	20
1,1-Dichloroethane	1.092	1.081	0.1	-1.01	20
Cyclohexane	1.036	1.018		-1.74	20
2-Butanone	0.326	0.263		-19.33	20
Carbon Tetrachloride	0.518	0.515		-0.58	20
cis-1,2-Dichloroethene	0.694	0.686		-1.15	20
Bromochloromethane	0.495	0.476		-3.84	20
Chloroform	1.092	1.093		0.09	20
1,1,1-Trichloroethane	0.958	0.939		-1.98	20
Methylcyclohexane	0.628	0.627		-0.32	20
Benzene	1.413	1.415		0.14	20
1,2-Dichloroethane	0.497	0.481		-3.22	20
Trichloroethene	0.360	0.357		-0.83	20
1,2-Dichloropropane	0.350	0.353		0.86	20
Bromodichloromethane	0.514	0.521		1.36	20
4-Methyl-2-Pentanone	0.411	0.339		-17.52	20
Toluene	0.876	0.877		0.11	20
t-1,3-Dichloropropene	0.477	0.481		0.84	20
cis-1,3-Dichloropropene	0.541	0.545		0.74	20
1,1,2-Trichloroethane	0.327	0.311		-4.89	20
2-Hexanone	0.284	0.229		-19.37	20
Dibromochloromethane	0.385	0.377		-2.08	20
1,2-Dibromoethane	0.332	0.317		-4.52	20
Tetrachloroethene	0.346	0.344		-0.58	20
Chlorobenzene	1.104	1.089	0.3	-1.36	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.918		-0.57	20
m/p-Xylenes	0.719	0.724		0.69	20
o-Xylene	0.673	0.687		2.08	20
Styrene	1.179	1.192		1.1	20
Bromoform	0.282	0.263	0.1	-6.74	20
Isopropylbenzene	3.682	3.747		1.76	20
1,1,2,2-Tetrachloroethane	1.028	0.933	0.3	-9.24	20
1,3-Dichlorobenzene	1.728	1.670		-3.36	20
1,4-Dichlorobenzene	1.775	1.693		-4.62	20
1,2-Dichlorobenzene	1.615	1.598		-1.05	20
1,2-Dibromo-3-Chloropropane	0.203	0.164		-19.21	20
1,2,4-Trichlorobenzene	1.148	1.111		-3.22	20
1,2,3-Trichlorobenzene	1.098	1.064		-3.1	20
1,2-Dichloroethane-d4	0.692	0.639		-7.66	20
Dibromofluoromethane	0.331	0.327		-1.21	20
Toluene-d8	1.189	1.166		-1.93	20
4-Bromofluorobenzene	0.443	0.433		-2.26	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\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	137182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87638	46.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.380%			
35) Dibromofluoromethane	5.391	113	73413	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	261576	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.140%			
62) 4-Bromofluorobenzene	11.079	95	97021	48.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	77571	52.964	ug/l	99
3) Chloromethane	1.307	50	81669	51.662	ug/l	96
4) Vinyl Chloride	1.386	62	87898	52.141	ug/l	96
5) Bromomethane	1.624	94	52745	55.612	ug/l	94
6) Chloroethane	1.703	64	53086	51.957	ug/l	98
7) Trichlorofluoromethane	1.904	101	131261	51.280	ug/l	99
8) Diethyl Ether	2.142	74	44511	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	81171	51.691	ug/l	98
10) Methyl Iodide	2.465	142	94903	48.429	ug/l	99
11) Tert butyl alcohol	2.947	59	26783	157.262	ug/l	100
12) 1,1-Dichloroethene	2.337	96	78427	51.759	ug/l	97
13) Acrolein	2.245	56	50116	202.026	ug/l	98
14) Allyl chloride	2.678	41	136507	49.722	ug/l	99
15) Acrylonitrile	3.068	53	162714	212.474	ug/l	99
16) Acetone	2.380	43	127043	200.776	ug/l	99
17) Carbon Disulfide	2.526	76	218810	47.820	ug/l	99
18) Methyl Acetate	2.709	43	65851	40.975	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	215275	45.628	ug/l	100
20) Methylene Chloride	2.800	84	84742	48.158	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	80577	49.698	ug/l	96
22) Diisopropyl ether	3.763	45	269978	51.162	ug/l	97
23) Vinyl Acetate	3.727	43	1003345	239.105	ug/l	100
24) 1,1-Dichloroethane	3.623	63	148260	49.484	ug/l	100
25) 2-Butanone	4.556	43	180589m	201.795	ug/l	
26) 2,2-Dichloropropane	4.483	77	112913	51.672	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	94126	49.415	ug/l	99
28) Bromochloromethane	4.904	49	65263	48.047	ug/l	100
29) Tetrahydrofuran	5.007	42	116160	200.958	ug/l	99
30) Chloroform	5.099	83	149922	50.036	ug/l	95
31) Cyclohexane	5.477	56	139626	49.142	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	128769	49.003	ug/l	100
36) 1,1-Dichloropropene	5.702	75	106011	49.493	ug/l	99
37) Ethyl Acetate	4.715	43	79324	40.121	ug/l	99
38) Carbon Tetrachloride	5.684	117	115565	49.715	ug/l	98
39) Methylcyclohexane	7.379	83	140502	49.848	ug/l	96
40) Benzene	6.044	78	317423	50.074	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	47871	45.417	ug/l		95
42) 1,2-Dichloroethane	6.086	62	107931	48.452	ug/l		99
43) Isopropyl Acetate	6.336	43	132833	42.935	ug/l		99
44) Trichloroethene	7.129	130	80127	49.599	ug/l		96
45) 1,2-Dichloropropane	7.427	63	79156	50.385	ug/l		95
46) Dibromomethane	7.580	93	53399	47.295	ug/l		99
47) Bromodichloromethane	7.818	83	116822	50.703	ug/l		100
48) Methyl methacrylate	7.690	41	70314	45.316	ug/l		99
49) 1,4-Dioxane	7.659	88	15950	714.909	ug/l		96
51) 4-Methyl-2-Pentanone	8.568	43	379704	205.777	ug/l		100
52) Toluene	8.714	92	196587	50.025	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	107788	50.420	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	122151	50.333	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	69729	47.614	ug/l		98
56) Ethyl methacrylate	9.116	69	99225	45.899	ug/l		100
57) 1,3-Dichloropropane	9.305	76	122083	48.408	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	279394	248.797	ug/l		100
59) 2-Hexanone	9.427	43	257015	201.475	ug/l		100
60) Dibromochloromethane	9.519	129	84603	49.021	ug/l		99
61) 1,2-Dibromoethane	9.610	107	70987	47.653	ug/l		100
64) Tetrachloroethene	9.275	164	67934	49.587	ug/l		98
65) Chlorobenzene	10.073	112	215423	49.352	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73797	50.304	ug/l		100
67) Ethyl Benzene	10.189	91	379202	49.719	ug/l		100
68) m/p-Xylenes	10.299	106	286180	100.703	ug/l		99
69) o-Xylene	10.640	106	135837	51.004	ug/l		99
70) Styrene	10.652	104	235709	50.573	ug/l		100
71) Bromoform	10.799	173	51917	46.470	ug/l	#	100
73) Isopropylbenzene	10.957	105	362998	50.881	ug/l		100
74) N-amyl acetate	10.841	43	120822	44.699	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90340	45.350	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	74859m	42.194	ug/l		
77) Bromobenzene	11.195	156	86326	50.284	ug/l		98
78) n-propylbenzene	11.299	91	434668	51.296	ug/l		100
79) 2-Chlorotoluene	11.360	91	250583	49.529	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	294565	50.244	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	27012	43.036	ug/l		98
82) 4-Chlorotoluene	11.451	91	294491	49.875	ug/l		100
83) tert-Butylbenzene	11.713	119	302344	49.891	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	298590	50.692	ug/l		100
85) sec-Butylbenzene	11.890	105	389381	50.841	ug/l		99
86) p-Isopropyltoluene	12.006	119	324490	50.214	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	161807	48.338	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	164023	47.705	ug/l		98
89) n-Butylbenzene	12.329	91	310154	50.550	ug/l		100
90) Hexachloroethane	12.536	117	55264	48.837	ug/l		96
91) 1,2-Dichlorobenzene	12.329	146	154832	49.496	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15868	40.348	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	107660	48.410	ug/l		98
94) Hexachlorobutadiene	13.719	225	46034	49.207	ug/l		99
95) Naphthalene	13.774	128	286491	45.216	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103088	48.453	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

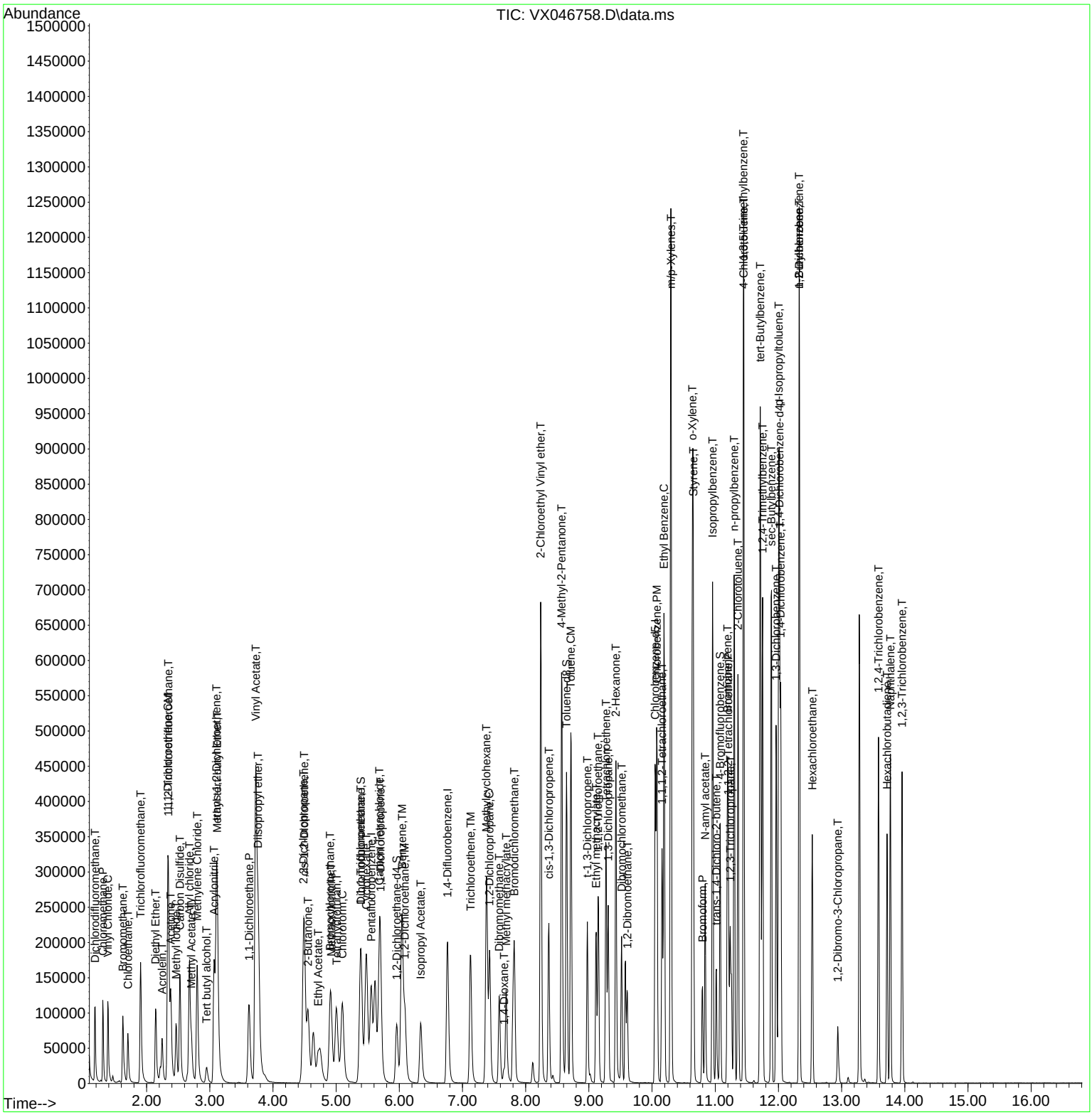
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	111	0.00
2	T	Dichlorodifluoromethane	0.534	0.565	-5.8	108	0.00
3	P	Chloromethane	0.576	0.595	-3.3	112	0.00
4	C	Vinyl Chloride	0.614	0.641	-4.4#	112	0.00
5	T	Bromomethane	0.346	0.384	-11.0	116	0.00
6	T	Chloroethane	0.372	0.387	-4.0	114	0.00
7	T	Trichlorofluoromethane	0.933	0.957	-2.6	110	0.00
8	T	Diethyl Ether	0.320	0.324	-1.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.592	-3.5	114	0.00
10	T	Methyl Iodide	0.642	0.692	-7.8	118	0.00
11	T	Tert butyl alcohol	0.062	0.039	37.1#	70	-0.01
12	CM	1,1-Dichloroethene	0.552	0.572	-3.6#	112	0.00
13	T	Acrolein	0.090	0.073	18.9	93	0.00
14	T	Allyl chloride	1.001	0.995	0.6	111	0.00
15	T	Acrylonitrile	0.279	0.237	15.1	93	0.00
16	T	Acetone	0.231	0.185	19.9	94	0.00
17	T	Carbon Disulfide	1.668	1.595	4.4	111	0.00
18	T	Methyl Acetate	0.586	0.480	18.1	92	0.00
19	T	Methyl tert-butyl Ether	1.720	1.569	8.8	100	0.00
20	T	Methylene Chloride	0.641	0.618	3.6	113	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.587	0.7	111	0.00
22	T	Diisopropyl ether	1.923	1.968	-2.3	111	0.00
23	T	Vinyl Acetate	1.529	1.463	4.3	102	0.00
24	P	1,1-Dichloroethane	1.092	1.081	1.0	110	0.00
25	T	2-Butanone	0.326	0.263	19.3	87	0.00
26	T	2,2-Dichloropropane	0.796	0.823	-3.4	120	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.686	1.2	111	0.00
28	T	Bromochloromethane	0.495	0.476	3.8	109	0.00
29	T	Tetrahydrofuran	0.211	0.169	19.9	87	0.00
30	C	Chloroform	1.092	1.093	-0.1#	109	0.00
31	T	Cyclohexane	1.036	1.018	1.7	112	0.00
32	T	1,1,1-Trichloroethane	0.958	0.939	2.0	109	-0.01
33	S	1,2-Dichloroethane-d4	0.692	0.639	7.7	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.331	0.327	1.2	112	0.00
36	T	1,1-Dichloropropene	0.478	0.473	1.0	109	0.00
37	T	Ethyl Acetate	0.441	0.354	19.7	90	0.00
38	T	Carbon Tetrachloride	0.518	0.515	0.6	110	0.00
39	T	Methylcyclohexane	0.628	0.626	0.3	109	0.00
40	TM	Benzene	1.413	1.415	-0.1	110	0.00
41	T	Methacrylonitrile	0.235	0.213	9.4	98	0.00
42	TM	1,2-Dichloroethane	0.497	0.481	3.2	107	0.00
43	T	Isopropyl Acetate	0.690	0.592	14.2	91	0.00
44	TM	Trichloroethene	0.360	0.357	0.8	110	0.00
45	C	1,2-Dichloropropane	0.350	0.353	-0.9#	112	0.00
46	T	Dibromomethane	0.252	0.238	5.6	104	0.00
47	T	Bromodichloromethane	0.514	0.521	-1.4	110	0.00
48	T	Methyl methacrylate	0.346	0.314	9.2	93	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	0.004	0.0	81	0.00
50	S	Toluene-d8	1.189	1.166	1.9	112	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.339	17.5	87	0.00
52	CM	Toluene	0.876	0.877	-0.1#	108	0.00
53	T	t-1,3-Dichloropropene	0.477	0.481	-0.8	108	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.545	-0.7	109	0.00
55	T	1,1,2-Trichloroethane	0.327	0.311	4.9	105	0.00
56	T	Ethyl methacrylate	0.482	0.442	8.3	96	0.00
57	T	1,3-Dichloropropane	0.562	0.544	3.2	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.249	0.4	97	0.00
59	T	2-Hexanone	0.284	0.229	19.4	85	0.00
60	T	Dibromochloromethane	0.385	0.377	2.1	107	0.00
61	T	1,2-Dibromoethane	0.332	0.317	4.5	104	0.00
62	S	4-Bromofluorobenzene	0.443	0.433	2.3	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64	T	Tetrachloroethene	0.346	0.344	0.6	111	0.00
65	PM	Chlorobenzene	1.104	1.089	1.4	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.373	-0.5	110	0.00
67	C	Ethyl Benzene	1.929	1.918	0.6#	109	0.00
68	T	m/p-Xylenes	0.719	0.724	-0.7	110	0.00
69	T	o-Xylene	0.673	0.687	-2.1	109	0.00
70	T	Styrene	1.179	1.192	-1.1	109	0.00
71	P	Bromoform	0.282	0.263	6.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.682	3.747	-1.8	110	0.00
74	T	N-amyl acetate	1.395	1.247	10.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	0.933	9.2	97	0.00
76	T	1,2,3-Trichloropropane	0.916	0.773	15.6	85	0.00
77	T	Bromobenzene	0.886	0.891	-0.6	109	0.00
78	T	n-propylbenzene	4.374	4.487	-2.6	110	0.00
79	T	2-Chlorotoluene	2.611	2.587	0.9	109	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.041	-0.5	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.279	13.9	98	0.00
82	T	4-Chlorotoluene	3.048	3.040	0.3	109	0.00
83	T	tert-Butylbenzene	3.128	3.121	0.2	109	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.082	-1.4	110	0.00
85	T	sec-Butylbenzene	3.953	4.020	-1.7	109	0.00
86	T	p-Isopropyltoluene	3.336	3.350	-0.4	109	0.00
87	T	1,3-Dichlorobenzene	1.728	1.670	3.4	108	0.00
88	T	1,4-Dichlorobenzene	1.775	1.693	4.6	111	0.00
89	T	n-Butylbenzene	3.167	3.202	-1.1	110	0.00
90	T	Hexachloroethane	0.584	0.571	2.2	106	0.00
91	T	1,2-Dichlorobenzene	1.615	1.598	1.1	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.164	19.2	85	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.111	3.2	107	0.00
94	T	Hexachlorobutadiene	0.483	0.475	1.7	108	0.00
95	T	Naphthalene	3.270	2.958	9.5	96	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	1.064	3.1	107	0.00

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

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	52.964	-5.9	108	0.00
3	P	Chloromethane	50.000	51.662	-3.3	112	0.00
4	C	Vinyl Chloride	50.000	52.141	-4.3#	112	0.00
5	T	Bromomethane	50.000	55.612	-11.2	116	0.00
6	T	Chloroethane	50.000	51.957	-3.9	114	0.00
7	T	Trichlorofluoromethane	50.000	51.280	-2.6	110	0.00
8	T	Diethyl Ether	50.000	50.670	-1.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.691	-3.4	114	0.00
10	T	Methyl Iodide	50.000	48.429	3.1	118	0.00
11	T	Tert butyl alcohol	250.000	157.262	37.1#	70	-0.01
12	CM	1,1-Dichloroethene	50.000	51.759	-3.5#	112	0.00
13	T	Acrolein	250.000	202.026	19.2	93	0.00
14	T	Allyl chloride	50.000	49.722	0.6	111	0.00
15	T	Acrylonitrile	250.000	212.474	15.0	93	0.00
16	T	Acetone	250.000	200.776	19.7	94	0.00
17	T	Carbon Disulfide	50.000	47.820	4.4	111	0.00
18	T	Methyl Acetate	50.000	40.975	18.0	92	0.00
19	T	Methyl tert-butyl Ether	50.000	45.628	8.7	100	0.00
20	T	Methylene Chloride	50.000	48.158	3.7	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.698	0.6	111	0.00
22	T	Diisopropyl ether	50.000	51.162	-2.3	111	0.00
23	T	Vinyl Acetate	250.000	239.105	4.4	102	0.00
24	P	1,1-Dichloroethane	50.000	49.484	1.0	110	0.00
25	T	2-Butanone	250.000	201.795	19.3	87	0.00
26	T	2,2-Dichloropropane	50.000	51.672	-3.3	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.415	1.2	111	0.00
28	T	Bromochloromethane	50.000	48.047	3.9	109	0.00
29	T	Tetrahydrofuran	250.000	200.958	19.6	87	0.00
30	C	Chloroform	50.000	50.036	-0.1#	109	0.00
31	T	Cyclohexane	50.000	49.142	1.7	112	0.00
32	T	1,1,1-Trichloroethane	50.000	49.003	2.0	109	-0.01
33	S	1,2-Dichloroethane-d4	50.000	46.187	7.6	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	49.476	1.0	112	0.00
36	T	1,1-Dichloropropene	50.000	49.493	1.0	109	0.00
37	T	Ethyl Acetate	50.000	40.121	19.8	90	0.00
38	T	Carbon Tetrachloride	50.000	49.715	0.6	110	0.00
39	T	Methylcyclohexane	50.000	49.848	0.3	109	0.00
40	TM	Benzene	50.000	50.074	-0.1	110	0.00
41	T	Methacrylonitrile	50.000	45.417	9.2	98	0.00
42	TM	1,2-Dichloroethane	50.000	48.452	3.1	107	0.00
43	T	Isopropyl Acetate	50.000	42.935	14.1	91	0.00
44	TM	Trichloroethene	50.000	49.599	0.8	110	0.00
45	C	1,2-Dichloropropane	50.000	50.385	-0.8#	112	0.00
46	T	Dibromomethane	50.000	47.295	5.4	104	0.00
47	T	Bromodichloromethane	50.000	50.703	-1.4	110	0.00
48	T	Methyl methacrylate	50.000	45.316	9.4	93	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	714.909	28.5#	81	0.00
50	S	Toluene-d8	50.000	49.067	1.9	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	205.777	17.7	87	0.00
52	CM	Toluene	50.000	50.025	-0.0#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	50.420	-0.8	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.333	-0.7	109	0.00
55	T	1,1,2-Trichloroethane	50.000	47.614	4.8	105	0.00
56	T	Ethyl methacrylate	50.000	45.899	8.2	96	0.00
57	T	1,3-Dichloropropane	50.000	48.408	3.2	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	248.797	0.5	97	0.00
59	T	2-Hexanone	250.000	201.475	19.4	85	0.00
60	T	Dibromochloromethane	50.000	49.021	2.0	107	0.00
61	T	1,2-Dibromoethane	50.000	47.653	4.7	104	0.00
62	S	4-Bromofluorobenzene	50.000	48.823	2.4	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	49.587	0.8	111	0.00
65	PM	Chlorobenzene	50.000	49.352	1.3	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.304	-0.6	110	0.00
67	C	Ethyl Benzene	50.000	49.719	0.6#	109	0.00
68	T	m/p-Xylenes	100.000	100.703	-0.7	110	0.00
69	T	o-Xylene	50.000	51.004	-2.0	109	0.00
70	T	Styrene	50.000	50.573	-1.1	109	0.00
71	P	Bromoform	50.000	46.470	7.1	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	50.881	-1.8	110	0.00
74	T	N-amyl acetate	50.000	44.699	10.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.350	9.3	97	0.00
76	T	1,2,3-Trichloropropane	50.000	42.194	15.6	85	0.00
77	T	Bromobenzene	50.000	50.284	-0.6	109	0.00
78	T	n-propylbenzene	50.000	51.296	-2.6	110	0.00
79	T	2-Chlorotoluene	50.000	49.529	0.9	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.244	-0.5	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.036	13.9	98	0.00
82	T	4-Chlorotoluene	50.000	49.875	0.3	109	0.00
83	T	tert-Butylbenzene	50.000	49.891	0.2	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.692	-1.4	110	0.00
85	T	sec-Butylbenzene	50.000	50.841	-1.7	109	0.00
86	T	p-Isopropyltoluene	50.000	50.214	-0.4	109	0.00
87	T	1,3-Dichlorobenzene	50.000	48.338	3.3	108	0.00
88	T	1,4-Dichlorobenzene	50.000	47.705	4.6	111	0.00
89	T	n-Butylbenzene	50.000	50.550	-1.1	110	0.00
90	T	Hexachloroethane	50.000	48.837	2.3	106	0.00
91	T	1,2-Dichlorobenzene	50.000	49.496	1.0	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.348	19.3	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.410	3.2	107	0.00
94	T	Hexachlorobutadiene	50.000	49.207	1.6	108	0.00
95	T	Naphthalene	50.000	45.216	9.6	96	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	48.453	3.1	107	0.00

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

Raw Data: **VY022785.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date/Time: 06/24/2025 09:20

Lab File ID: VY022785.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.390		-8.88	20
Chloromethane	0.816	0.733	0.1	-10.17	20
Vinyl Chloride	1.020	0.931		-8.73	20
Bromomethane	0.802	0.695		-13.34	20
Chloroethane	0.686	0.626		-8.75	20
Trichlorofluoromethane	1.129	1.023		-9.39	20
1,1,2-Trichlorotrifluoroethane	0.516	0.503		-2.52	20
1,1-Dichloroethene	0.506	0.489		-3.36	20
Acetone	0.105	0.124		18.09	20
Carbon Disulfide	1.635	1.605		-1.84	20
Methyl tert-butyl Ether	1.378	1.347		-2.25	20
Methyl Acetate	0.349	0.296		-15.19	20
Methylene Chloride	0.666	0.577		-13.36	20
trans-1,2-Dichloroethene	0.578	0.559		-3.29	20
1,1-Dichloroethane	1.044	1.022	0.1	-2.11	20
Cyclohexane	0.959	0.899		-6.26	20
2-Butanone	0.154	0.159		3.25	20
Carbon Tetrachloride	0.486	0.484		-0.41	20
cis-1,2-Dichloroethene	0.672	0.652		-2.98	20
Bromochloromethane	0.439	0.438		-0.23	20
Chloroform	1.076	1.045		-2.79	20
1,1,1-Trichloroethane	0.929	0.904		-2.69	20
Methylcyclohexane	0.596	0.602		1.01	20
Benzene	1.417	1.410		-0.49	20
1,2-Dichloroethane	0.388	0.391		0.77	20
Trichloroethene	0.356	0.347		-2.53	20
1,2-Dichloropropane	0.332	0.331		-0.3	20
Bromodichloromethane	0.485	0.484		-0.21	20
4-Methyl-2-Pentanone	0.210	0.214		1.9	20
Toluene	0.894	0.889		-0.56	20
t-1,3-Dichloropropene	0.437	0.441		0.92	20
cis-1,3-Dichloropropene	0.506	0.512		1.19	20
1,1,2-Trichloroethane	0.244	0.245		0.41	20
2-Hexanone	0.143	0.150		4.89	20
Dibromochloromethane	0.315	0.315		0	20
1,2-Dibromoethane	0.228	0.226		-0.88	20
Tetrachloroethene	0.472	0.441		-6.57	20
Chlorobenzene	1.099	1.101	0.3	0.18	20

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

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date/Time: 06/24/2025 09:20

Lab File ID: VY022785.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.930	1.991		3.16	20
m/p-Xylenes	0.746	0.768		2.95	20
o-Xylene	0.703	0.719		2.28	20
Styrene	1.178	1.214		3.06	20
Bromoform	0.207	0.204	0.1	-1.45	20
Isopropylbenzene	3.698	3.705		0.19	20
1,1,2,2-Tetrachloroethane	0.596	0.613	0.3	2.85	20
1,3-Dichlorobenzene	1.683	1.685		0.12	20
1,4-Dichlorobenzene	1.672	1.646		-1.55	20
1,2-Dichlorobenzene	1.483	1.446		-2.49	20
1,2-Dibromo-3-Chloropropane	0.101	0.097		-3.96	20
1,2,4-Trichlorobenzene	0.838	0.807		-3.7	20
1,2,3-Trichlorobenzene	0.724	0.692		-4.42	20
1,2-Dichloroethane-d4	0.558	0.544		-2.51	20
Dibromofluoromethane	0.304	0.310		1.97	20
Toluene-d8	1.207	1.226		1.57	20
4-Bromofluorobenzene	0.388	0.387		-0.26	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_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	480569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	788269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	678315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	340335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	261283	48.714	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.420%			
35) Dibromofluoromethane	7.634	113	244214	50.943	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.880%			
50) Toluene-d8	10.103	98	966354	50.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.402	95	304692	49.825	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	187605	45.653	ug/l	99
3) Chloromethane	2.068	50	352218	44.886	ug/l	98
4) Vinyl Chloride	2.202	62	447496	45.647	ug/l	100
5) Bromomethane	2.592	94	333794	43.310	ug/l	99
6) Chloroethane	2.733	64	300761	45.640	ug/l	96
7) Trichlorofluoromethane	3.050	101	491670	45.294	ug/l	98
8) Diethyl Ether	3.452	74	128537	47.942	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	241549	48.692	ug/l	98
10) Methyl Iodide	4.001	142	277717	51.418	ug/l	99
11) Tert butyl alcohol	4.854	59	84161	235.981	ug/l	98
12) 1,1-Dichloroethene	3.787	96	234897	48.290	ug/l	98
13) Acrolein	3.647	56	107203	221.672	ug/l	99
14) Allyl chloride	4.379	41	368419	49.242	ug/l	95
15) Acrylonitrile	5.049	53	275688	246.454	ug/l	99
16) Acetone	3.867	43	299043	294.982	ug/l	97
17) Carbon Disulfide	4.104	76	771483	49.095	ug/l	100
18) Methyl Acetate	4.385	43	142156	42.343	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	647481	48.885	ug/l	100
20) Methylene Chloride	4.610	84	277358	43.322	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	268610	48.317	ug/l	97
22) Diisopropyl ether	6.012	45	819092	49.296	ug/l	99
23) Vinyl Acetate	5.958	43	2377985	259.134	ug/l	99
24) 1,1-Dichloroethane	5.909	63	490905	48.913	ug/l	100
25) 2-Butanone	6.890	43	382848	259.477	ug/l	100
26) 2,2-Dichloropropane	6.884	77	432416	51.399	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	313435	48.520	ug/l	100
28) Bromochloromethane	7.244	49	210301	49.841	ug/l	95
29) Tetrahydrofuran	7.262	42	230217	247.100	ug/l	99
30) Chloroform	7.421	83	502331	48.595	ug/l	95
31) Cyclohexane	7.701	56	432130	46.906	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	434321	48.620	ug/l	98
36) 1,1-Dichloropropene	7.835	75	364003	50.094	ug/l	99
37) Ethyl Acetate	6.982	43	161101	51.379	ug/l	96
38) Carbon Tetrachloride	7.817	117	381526	49.762	ug/l	97
39) Methylcyclohexane	9.110	83	474467	50.457	ug/l	99
40) Benzene	8.079	78	1111272	49.742	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	88474	45.834	ug/l		95
42) 1,2-Dichloroethane	8.158	62	308508	50.394	ug/l		98
43) Isopropyl Acetate	8.195	43	327988	50.329	ug/l		99
44) Trichloroethene	8.866	130	273386	48.740	ug/l		97
45) 1,2-Dichloropropane	9.140	63	261237	49.962	ug/l		96
46) Dibromomethane	9.231	93	144951	48.835	ug/l		96
47) Bromodichloromethane	9.420	83	381786	49.881	ug/l		99
48) Methyl methacrylate	9.219	41	164236	52.423	ug/l		95
49) 1,4-Dioxane	9.231	88	33567	957.200	ug/l		98
51) 4-Methyl-2-Pentanone	9.993	43	844784	255.091	ug/l		96
52) Toluene	10.170	92	700747	49.718	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	347407	50.447	ug/l		95
54) cis-1,3-Dichloropropene	9.853	75	403676	50.555	ug/l		98
55) 1,1,2-Trichloroethane	10.567	97	192974	50.208	ug/l		98
56) Ethyl methacrylate	10.439	69	262082	50.683	ug/l		96
57) 1,3-Dichloropropane	10.713	76	332030	49.515	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	665133	245.063	ug/l		99
59) 2-Hexanone	10.756	43	590744	262.373	ug/l		98
60) Dibromochloromethane	10.908	129	248320	50.019	ug/l		99
61) 1,2-Dibromoethane	11.012	107	178176	49.540	ug/l		97
64) Tetrachloroethene	10.646	164	299261	46.701	ug/l		97
65) Chlorobenzene	11.438	112	746746	50.101	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.512	131	254204	50.354	ug/l		100
67) Ethyl Benzene	11.518	91	1350768	51.580	ug/l		98
68) m/p-Xylenes	11.627	106	1041613	102.894	ug/l		100
69) o-Xylene	11.950	106	487801	51.140	ug/l		100
70) Styrene	11.969	104	823388	51.534	ug/l		100
71) Bromoform	12.127	173	138710	49.346	ug/l	#	98
73) Isopropylbenzene	12.249	105	1260842	50.093	ug/l		99
74) N-amyl acetate	12.066	43	293683	51.982	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.505	83	208754	51.461	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	172364m	49.608	ug/l		
77) Bromobenzene	12.530	156	278554	48.825	ug/l		99
78) n-propylbenzene	12.591	91	1551740	51.062	ug/l		98
79) 2-Chlorotoluene	12.676	91	861726	50.189	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	1034655	50.921	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	69771	50.732	ug/l		98
82) 4-Chlorotoluene	12.773	91	896321	49.700	ug/l		100
83) tert-Butylbenzene	12.993	119	904947	50.501	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	1040633	51.154	ug/l		100
85) sec-Butylbenzene	13.170	105	1372848	50.919	ug/l		99
86) p-Isopropyltoluene	13.286	119	1152956	51.387	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	573618	50.062	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	560298	49.228	ug/l		100
89) n-Butylbenzene	13.615	91	1081730	51.255	ug/l		99
90) Hexachloroethane	13.877	117	224152	50.160	ug/l		95
91) 1,2-Dichlorobenzene	13.657	146	492169	48.742	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	32892	47.813	ug/l		97
93) 1,2,4-Trichlorobenzene	14.913	180	274743	48.191	ug/l		99
94) Hexachlorobutadiene	15.017	225	156435	48.524	ug/l		97
95) Naphthalene	15.139	128	501125	48.608	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	235416	47.786	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

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

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

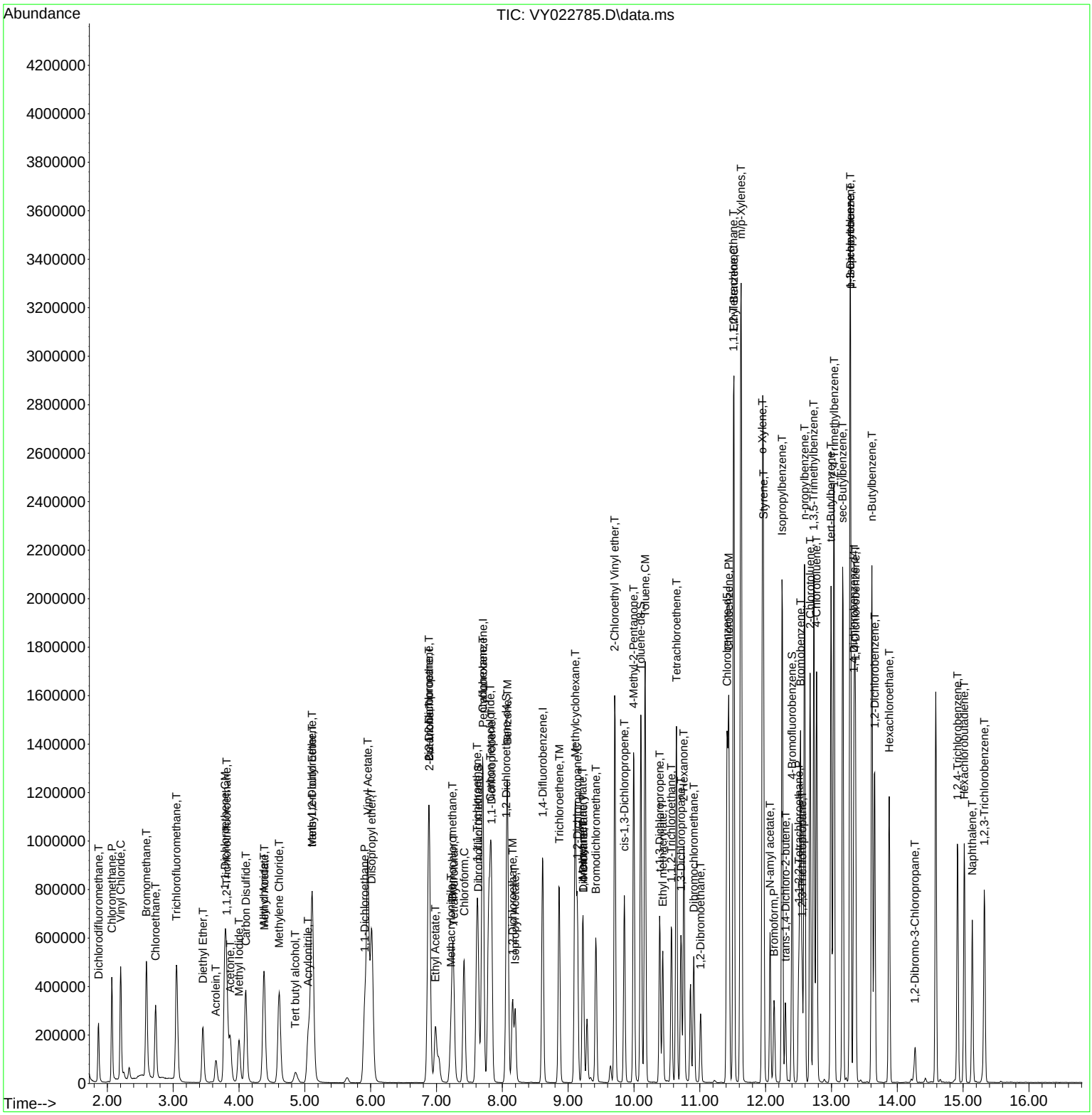
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



Evaluate Continuing Calibration Report

Sample Results: **VY022785.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	103	0.00
2	T	Dichlorodifluoromethane	0.428	0.390	8.9	95	0.00
3	P	Chloromethane	0.816	0.733	10.2	95	0.00
4	C	Vinyl Chloride	1.020	0.931	8.7#	92	0.00
5	T	Bromomethane	0.802	0.695	13.3	93	0.00
6	T	Chloroethane	0.686	0.626	8.7	93	0.00
7	T	Trichlorofluoromethane	1.129	1.023	9.4	90	0.00
8	T	Diethyl Ether	0.279	0.267	4.3	97	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.503	2.5	101	0.00
10	T	Methyl Iodide	0.562	0.578	-2.8	95	0.00
11	T	Tert butyl alcohol	0.037	0.035	5.4	95	-0.03
12	CM	1,1-Dichloroethene	0.506	0.489	3.4#	98	-0.01
13	T	Acrolein	0.050	0.045	10.0	93	-0.01
14	T	Allyl chloride	0.778	0.767	1.4	99	-0.01
15	T	Acrylonitrile	0.116	0.115	0.9	98	-0.02
16	T	Acetone	0.105	0.124	-18.1	134	-0.01
17	T	Carbon Disulfide	1.635	1.605	1.8	99	0.00
18	T	Methyl Acetate	0.349	0.296	15.2	87	-0.01
19	T	Methyl tert-butyl Ether	1.378	1.347	2.2	97	-0.02
20	T	Methylene Chloride	0.666	0.577	13.4	101	-0.01
21	T	trans-1,2-Dichloroethene	0.578	0.559	3.3	97	-0.01
22	T	Diisopropyl ether	1.729	1.704	1.4	98	-0.01
23	T	Vinyl Acetate	0.955	0.990	-3.7	101	-0.01
24	P	1,1-Dichloroethane	1.044	1.022	2.1	98	-0.01
25	T	2-Butanone	0.154	0.159	-3.2	107	-0.01
26	T	2,2-Dichloropropane	0.875	0.900	-2.9	105	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.652	3.0	98	-0.01
28	T	Bromochloromethane	0.439	0.438	0.2	98	0.00
29	T	Tetrahydrofuran	0.097	0.096	1.0	97	0.00
30	C	Chloroform	1.076	1.045	2.9#	98	0.00
31	T	Cyclohexane	0.959	0.899	6.3	98	0.00
32	T	1,1,1-Trichloroethane	0.929	0.904	2.7	98	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.544	2.5	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.304	0.310	-2.0	102	0.00
36	T	1,1-Dichloropropene	0.461	0.462	-0.2	99	0.00
37	T	Ethyl Acetate	0.199	0.204	-2.5	100	-0.01
38	T	Carbon Tetrachloride	0.486	0.484	0.4	99	0.00
39	T	Methylcyclohexane	0.596	0.602	-1.0	98	0.00
40	TM	Benzene	1.417	1.410	0.5	97	0.00
41	T	Methacrylonitrile	0.122	0.112	8.2	94	-0.01
42	TM	1,2-Dichloroethane	0.388	0.391	-0.8	98	0.00
43	T	Isopropyl Acetate	0.413	0.416	-0.7	96	0.00
44	TM	Trichloroethene	0.356	0.347	2.5	93	0.00
45	C	1,2-Dichloropropane	0.332	0.331	0.3#	98	0.00
46	T	Dibromomethane	0.188	0.184	2.1	96	0.00
47	T	Bromodichloromethane	0.485	0.484	0.2	98	0.00
48	T	Methyl methacrylate	0.199	0.208	-4.5	98	0.00

Sample Results: **VY022785.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	0.002	0.002	0.0	93	-0.01
50	S	Toluene-d8	1.207	1.226	-1.6	101	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.214	-1.9	95	0.00
52	CM	Toluene	0.894	0.889	0.6#	96	0.00
53	T	t-1,3-Dichloropropene	0.437	0.441	-0.9	98	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.512	-1.2	98	0.00
55	T	1,1,2-Trichloroethane	0.244	0.245	-0.4	97	0.00
56	T	Ethyl methacrylate	0.328	0.332	-1.2	94	0.00
57	T	1,3-Dichloropropane	0.425	0.421	0.9	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.169	-16.6	100	0.00
59	T	2-Hexanone	0.143	0.150	-4.9	99	0.00
60	T	Dibromochloromethane	0.315	0.315	0.0	96	0.00
61	T	1,2-Dibromoethane	0.228	0.226	0.9	96	0.00
62	S	4-Bromofluorobenzene	0.388	0.387	0.3	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.472	0.441	6.6	85	0.00
65	PM	Chlorobenzene	1.099	1.101	-0.2	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.375	-0.8	97	0.00
67	C	Ethyl Benzene	1.930	1.991	-3.2#	98	0.00
68	T	m/p-Xylenes	0.746	0.768	-2.9	98	0.00
69	T	o-Xylene	0.703	0.719	-2.3	97	0.00
70	T	Styrene	1.178	1.214	-3.1	97	0.00
71	P	Bromoform	0.207	0.204	1.4	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.698	3.705	-0.2	97	0.00
74	T	N-amyl acetate	0.830	0.863	-4.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.613	-2.9	107	0.00
76	T	1,2,3-Trichloropropane	0.510	0.506	0.8	98	0.00
77	T	Bromobenzene	0.838	0.818	2.4	95	0.00
78	T	n-propylbenzene	4.465	4.559	-2.1	99	0.00
79	T	2-Chlorotoluene	2.522	2.532	-0.4	97	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.040	-1.8	98	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.205	-1.5	102	0.00
82	T	4-Chlorotoluene	2.650	2.634	0.6	96	0.00
83	T	tert-Butylbenzene	2.633	2.659	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.058	-2.3	97	0.00
85	T	sec-Butylbenzene	3.961	4.034	-1.8	97	0.00
86	T	p-Isopropyltoluene	3.296	3.388	-2.8	98	0.00
87	T	1,3-Dichlorobenzene	1.683	1.685	-0.1	97	0.00
88	T	1,4-Dichlorobenzene	1.672	1.646	1.6	96	0.00
89	T	n-Butylbenzene	3.101	3.178	-2.5	98	0.00
90	T	Hexachloroethane	0.657	0.659	-0.3	97	0.00
91	T	1,2-Dichlorobenzene	1.483	1.446	2.5	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.097	4.0	92	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.807	3.7	95	0.00
94	T	Hexachlorobutadiene	0.474	0.460	3.0	98	0.00
95	T	Naphthalene	1.515	1.472	2.8	91	0.00

Sample Results: **VY022785.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.692	4.4	94	0.00

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

Sample Results: **VY022785.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	45.653	8.7	95	0.00
3	P	Chloromethane	50.000	44.886	10.2	95	0.00
4	C	Vinyl Chloride	50.000	45.647	8.7#	92	0.00
5	T	Bromomethane	50.000	43.310	13.4	93	0.00
6	T	Chloroethane	50.000	45.640	8.7	93	0.00
7	T	Trichlorofluoromethane	50.000	45.294	9.4	90	0.00
8	T	Diethyl Ether	50.000	47.942	4.1	97	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.692	2.6	101	0.00
10	T	Methyl Iodide	50.000	51.418	-2.8	95	0.00
11	T	Tert butyl alcohol	250.000	235.981	5.6	95	-0.03
12	CM	1,1-Dichloroethene	50.000	48.290	3.4#	98	-0.01
13	T	Acrolein	250.000	221.672	11.3	93	-0.01
14	T	Allyl chloride	50.000	49.242	1.5	99	-0.01
15	T	Acrylonitrile	250.000	246.454	1.4	98	-0.02
16	T	Acetone	250.000	294.982	-18.0	134	-0.01
17	T	Carbon Disulfide	50.000	49.095	1.8	99	0.00
18	T	Methyl Acetate	50.000	42.343	15.3	87	-0.01
19	T	Methyl tert-butyl Ether	50.000	48.885	2.2	97	-0.02
20	T	Methylene Chloride	50.000	43.322	13.4	101	-0.01
21	T	trans-1,2-Dichloroethene	50.000	48.317	3.4	97	-0.01
22	T	Diisopropyl ether	50.000	49.296	1.4	98	-0.01
23	T	Vinyl Acetate	250.000	259.134	-3.7	101	-0.01
24	P	1,1-Dichloroethane	50.000	48.913	2.2	98	-0.01
25	T	2-Butanone	250.000	259.477	-3.8	107	-0.01
26	T	2,2-Dichloropropane	50.000	51.399	-2.8	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.520	3.0	98	-0.01
28	T	Bromochloromethane	50.000	49.841	0.3	98	0.00
29	T	Tetrahydrofuran	250.000	247.100	1.2	97	0.00
30	C	Chloroform	50.000	48.595	2.8#	98	0.00
31	T	Cyclohexane	50.000	46.906	6.2	98	0.00
32	T	1,1,1-Trichloroethane	50.000	48.620	2.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.714	2.6	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	50.943	-1.9	102	0.00
36	T	1,1-Dichloropropene	50.000	50.094	-0.2	99	0.00
37	T	Ethyl Acetate	50.000	51.379	-2.8	100	-0.01
38	T	Carbon Tetrachloride	50.000	49.762	0.5	99	0.00
39	T	Methylcyclohexane	50.000	50.457	-0.9	98	0.00
40	TM	Benzene	50.000	49.742	0.5	97	0.00
41	T	Methacrylonitrile	50.000	45.834	8.3	94	-0.01
42	TM	1,2-Dichloroethane	50.000	50.394	-0.8	98	0.00
43	T	Isopropyl Acetate	50.000	50.329	-0.7	96	0.00
44	TM	Trichloroethene	50.000	48.740	2.5	93	0.00
45	C	1,2-Dichloropropane	50.000	49.962	0.1#	98	0.00
46	T	Dibromomethane	50.000	48.835	2.3	96	0.00
47	T	Bromodichloromethane	50.000	49.881	0.2	98	0.00
48	T	Methyl methacrylate	50.000	52.423	-4.8	98	0.00

Sample Results: **VY022785.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	957.200	4.3	93	-0.01
50	S	Toluene-d8	50.000	50.800	-1.6	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.091	-2.0	95	0.00
52	CM	Toluene	50.000	49.718	0.6#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	50.447	-0.9	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.555	-1.1	98	0.00
55	T	1,1,2-Trichloroethane	50.000	50.208	-0.4	97	0.00
56	T	Ethyl methacrylate	50.000	50.683	-1.4	94	0.00
57	T	1,3-Dichloropropane	50.000	49.515	1.0	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.063	2.0	100	0.00
59	T	2-Hexanone	250.000	262.373	-4.9	99	0.00
60	T	Dibromochloromethane	50.000	50.019	-0.0	96	0.00
61	T	1,2-Dibromoethane	50.000	49.540	0.9	96	0.00
62	S	4-Bromofluorobenzene	50.000	49.825	0.3	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	46.701	6.6	85	0.00
65	PM	Chlorobenzene	50.000	50.101	-0.2	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.354	-0.7	97	0.00
67	C	Ethyl Benzene	50.000	51.580	-3.2#	98	0.00
68	T	m/p-Xylenes	100.000	102.894	-2.9	98	0.00
69	T	o-Xylene	50.000	51.140	-2.3	97	0.00
70	T	Styrene	50.000	51.534	-3.1	97	0.00
71	P	Bromoform	50.000	49.346	1.3	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.093	-0.2	97	0.00
74	T	N-amyl acetate	50.000	51.982	-4.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.461	-2.9	107	0.00
76	T	1,2,3-Trichloropropane	50.000	49.608	0.8	98	0.00
77	T	Bromobenzene	50.000	48.825	2.3	95	0.00
78	T	n-propylbenzene	50.000	51.062	-2.1	99	0.00
79	T	2-Chlorotoluene	50.000	50.189	-0.4	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.921	-1.8	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.732	-1.5	102	0.00
82	T	4-Chlorotoluene	50.000	49.700	0.6	96	0.00
83	T	tert-Butylbenzene	50.000	50.501	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.154	-2.3	97	0.00
85	T	sec-Butylbenzene	50.000	50.919	-1.8	97	0.00
86	T	p-Isopropyltoluene	50.000	51.387	-2.8	98	0.00
87	T	1,3-Dichlorobenzene	50.000	50.062	-0.1	97	0.00
88	T	1,4-Dichlorobenzene	50.000	49.228	1.5	96	0.00
89	T	n-Butylbenzene	50.000	51.255	-2.5	98	0.00
90	T	Hexachloroethane	50.000	50.160	-0.3	97	0.00
91	T	1,2-Dichlorobenzene	50.000	48.742	2.5	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.813	4.4	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.191	3.6	95	0.00
94	T	Hexachlorobutadiene	50.000	48.524	3.0	98	0.00
95	T	Naphthalene	50.000	48.608	2.8	91	0.00

Sample Results: **VY022785.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022785.D
Acq On : 24 Jun 2025 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	47.786	4.4	94	0.00

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

QC SAMPLE DATA

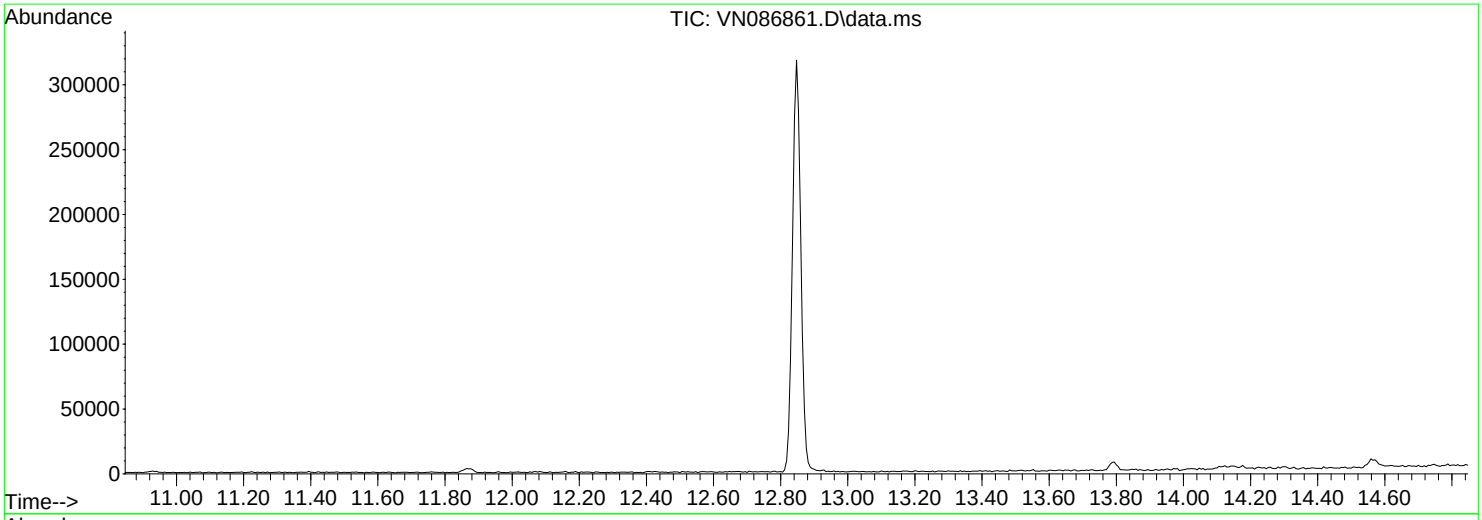
Sample Results: **VN086861.D**

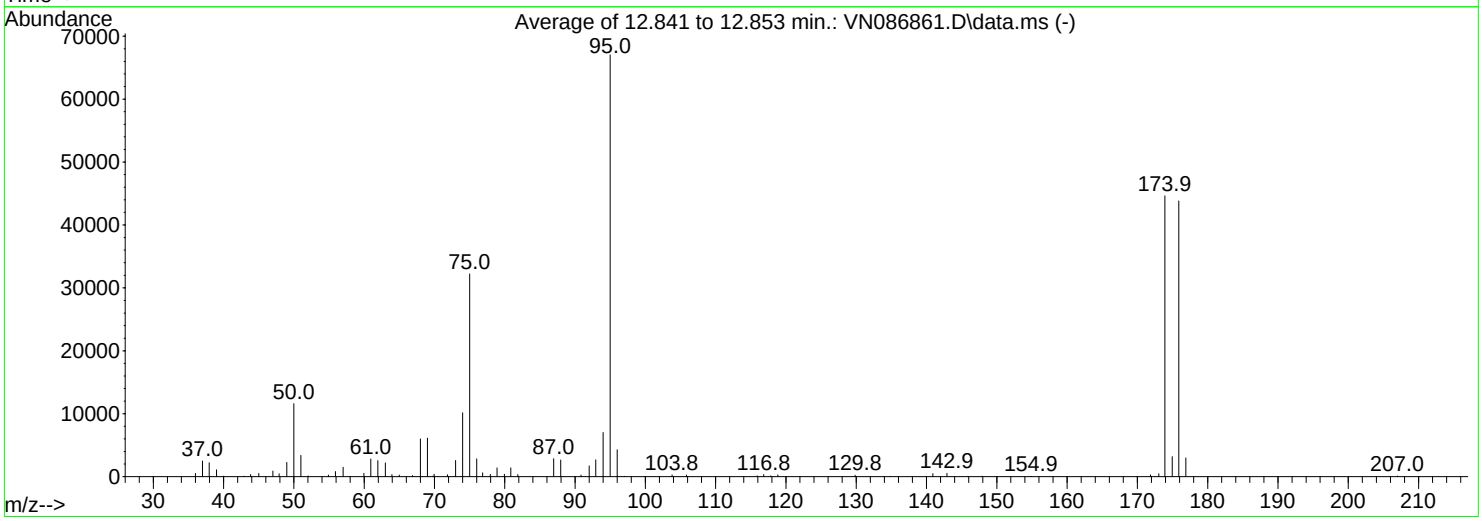
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086861.D
Acq On : 06 Jun 2025 07:59
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	11610	PASS
75	95	30	60	48.1	32235	PASS
95	95	100	100	100.0	67037	PASS
96	95	5	9	6.4	4284	PASS
173	174	0.00	2	1.0	453	PASS
174	95	50	100	66.6	44632	PASS
175	174	5	9	7.1	3184	PASS
176	174	95	101	98.1	43805	PASS
177	176	5	9	6.8	2979	PASS

Average of 12.841 to 12.853 min.: VN086861.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	508	50.00	11610	63.95	331	76.00	281
37.00	2495	51.00	3387	65.00	260	76.85	60
37.95	2209	52.05	112	66.85	177	77.95	34
39.00	1096	54.90	253	68.00	6008	78.90	141
39.95	84	55.90	806	69.00	6141	79.95	395
42.90	88	57.00	1501	69.80	100	80.85	1397
43.85	329	58.00	50	69.95	383	81.85	328
45.00	512	59.95	526	71.85	297	86.95	2851
47.00	882	60.95	2806	73.00	2562	87.95	2646
47.90	460	61.95	2535	74.00	10138	90.85	264
49.00	2276	63.00	2195	75.00	32235	92.00	1704

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN086861.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.95	2660	129.85	228	175.90	43805		
94.00	7029	134.80	66	176.90	2979		
95.00	67037	140.90	488	207.00	111		
96.00	4284	142.90	542				
97.00	57	145.90	54				
103.80	279	147.90	82				
105.85	267	154.90	64				
115.90	128	171.85	288				
116.85	345	173.05	453				
117.85	116	173.90	44632				
118.85	274	174.95	3184				

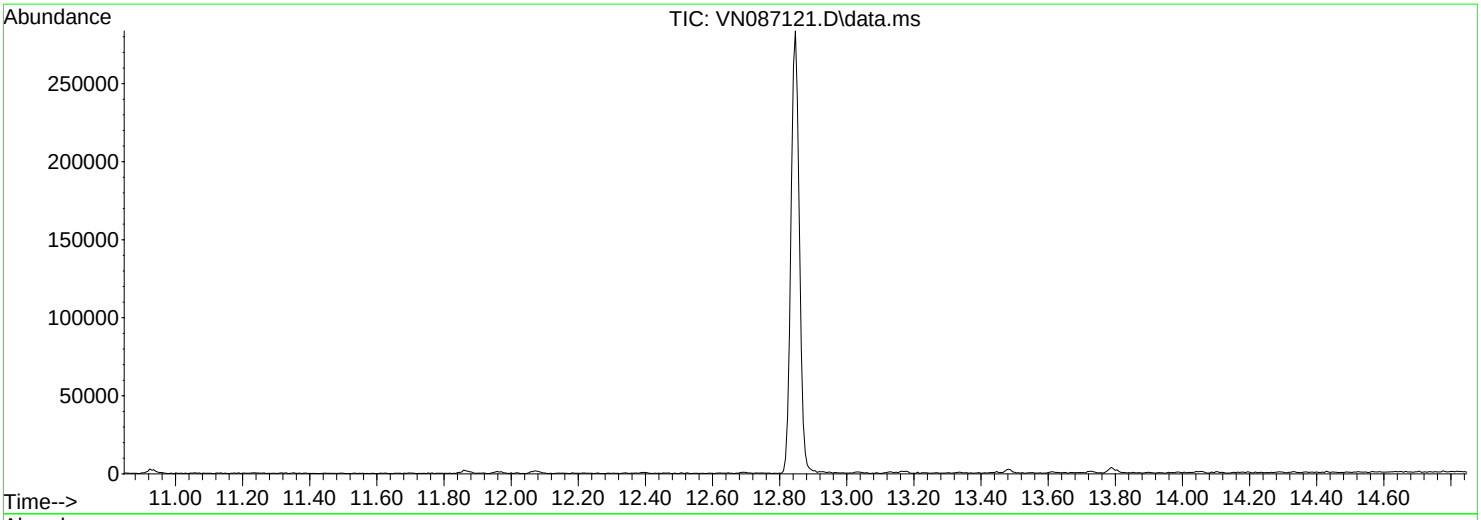
Sample Results: **VN087121.D**

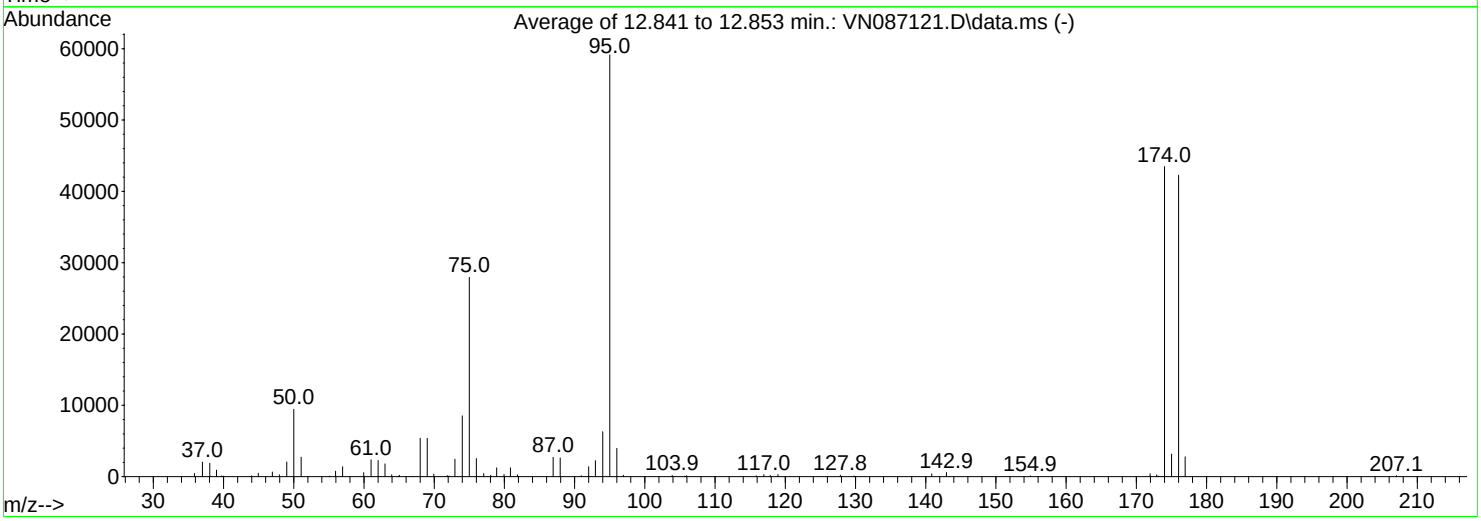
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087121.D
Acq On : 20 Jun 2025 08:18
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.0	9438	PASS
75	95	30	60	47.3	27960	PASS
95	95	100	100	100.0	59141	PASS
96	95	5	9	6.7	3965	PASS
173	174	0.00	2	0.5	238	PASS
174	95	50	100	73.5	43488	PASS
175	174	5	9	7.3	3167	PASS
176	174	95	101	97.2	42269	PASS
177	176	5	9	6.6	2789	PASS

Average of 12.841 to 12.853 min.: VN087121.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	450	50.00	9438	64.90	64	76.00	253
37.00	2045	51.05	2741	65.05	184	77.05	41
38.05	1874	52.00	54	66.90	51	78.05	18
39.00	912	55.10	61	68.00	5395	78.90	122
39.75	120	55.95	755	69.00	5381	79.95	323
40.00	68	56.95	1392	69.95	358	80.85	1225
44.00	118	59.95	554	71.85	160	81.85	239
44.95	468	61.00	2362	72.10	87	86.95	2709
46.95	662	62.00	2266	72.95	2455	87.95	2619
47.95	268	63.00	1786	74.00	8525	90.95	137
49.00	2057	63.95	270	75.00	27960	92.00	1398

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN087121.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.95	2246	118.95	283	176.00	42269		
94.00	6313	127.85	197	176.95	2789		
95.00	59141	129.80	111	207.05	135		
96.00	3965	140.85	400				
96.95	204	142.95	586				
103.90	180	154.90	108				
105.70	72	171.95	407				
105.95	127	172.90	238				
115.85	137	173.10	95				
116.95	286	174.00	43488				
117.85	171	175.00	3167				

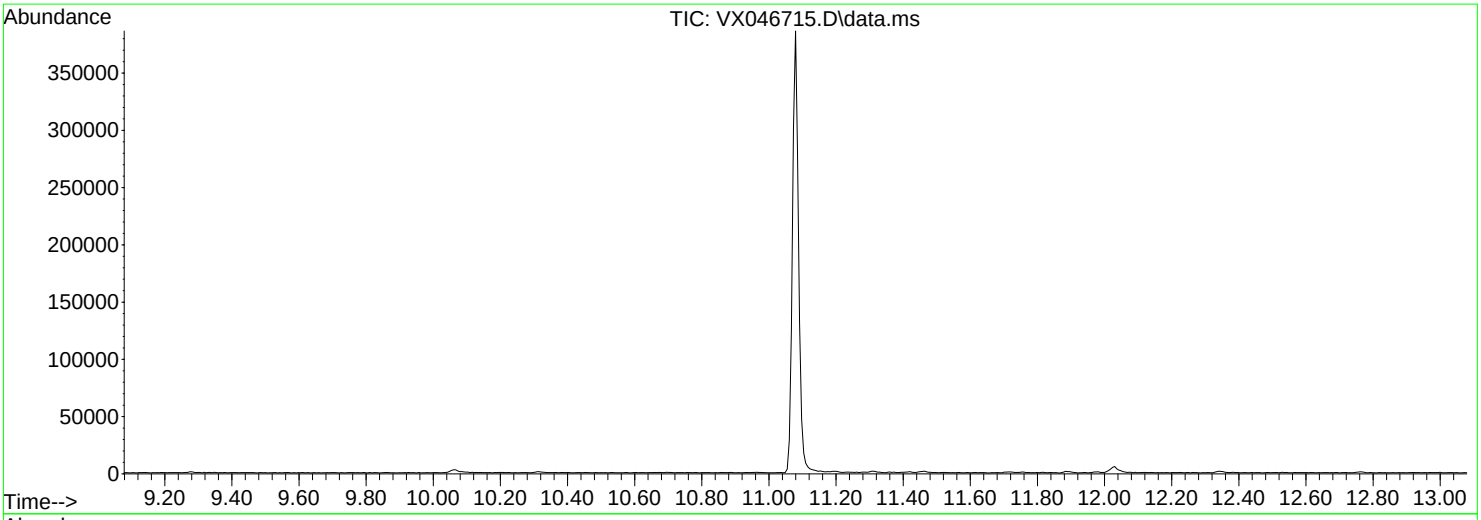
Sample Results: **VX046715.D**

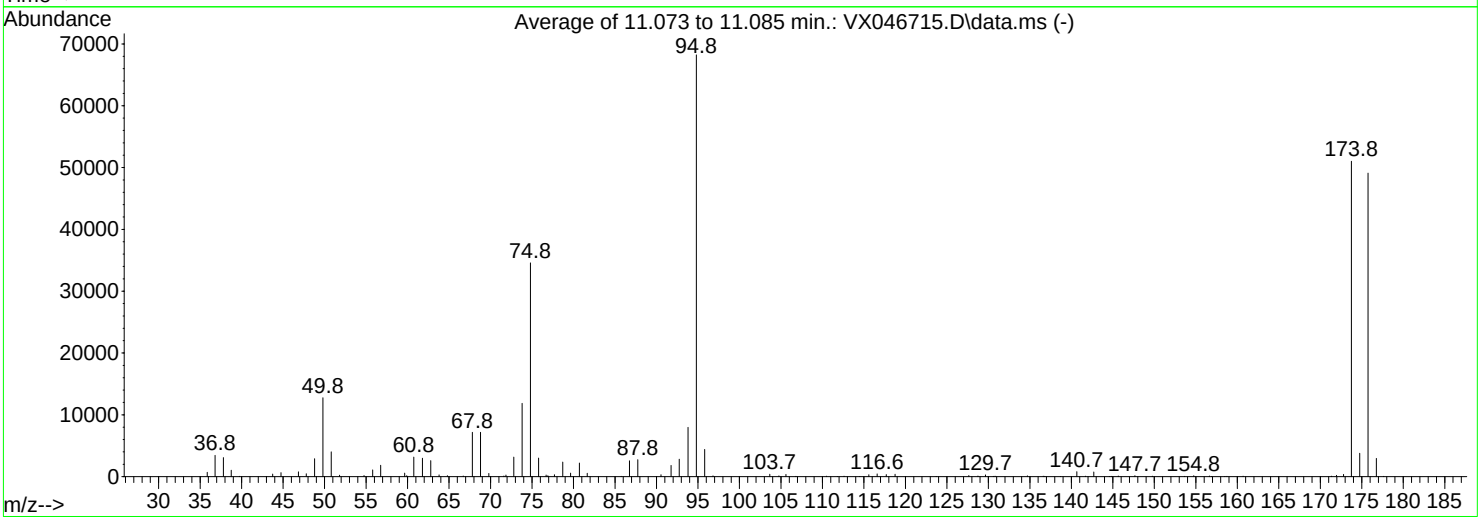
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046715.D
Acq On : 17 Jun 2025 08:46
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.7	12764	PASS
75	95	30	60	50.7	34573	PASS
95	95	100	100	100.0	68235	PASS
96	95	5	9	6.5	4402	PASS
173	174	0.00	2	0.7	374	PASS
174	95	50	100	74.8	51016	PASS
175	174	5	9	7.4	3785	PASS
176	174	95	101	96.2	49101	PASS
177	176	5	9	6.0	2956	PASS

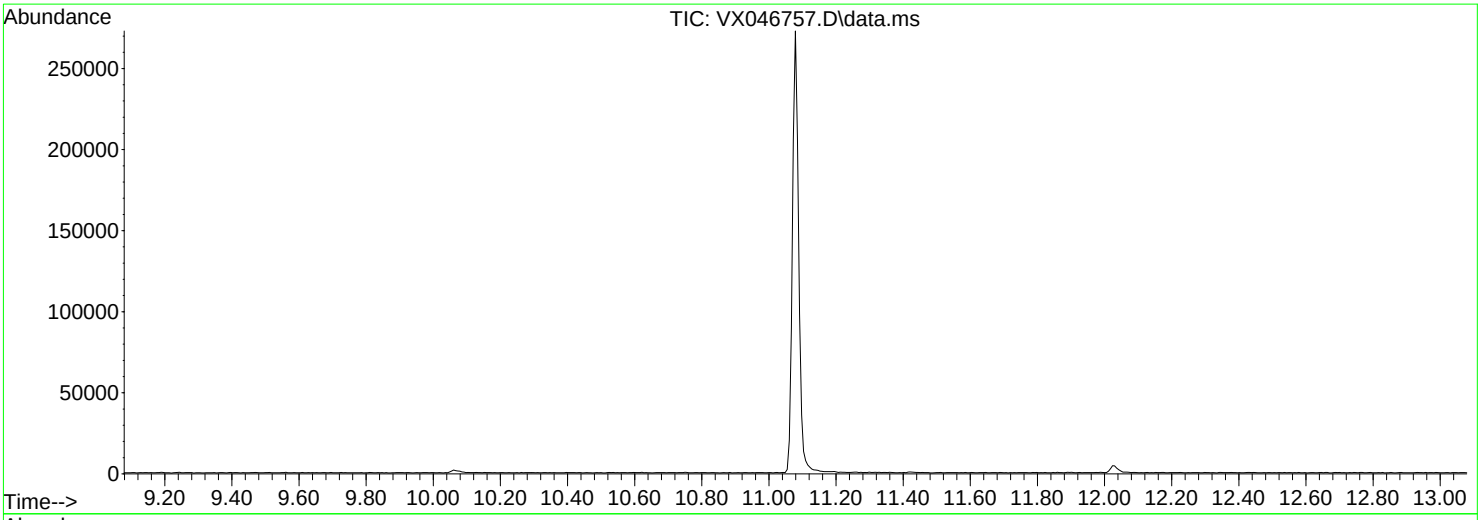
Sample Results: **VX046757.D**

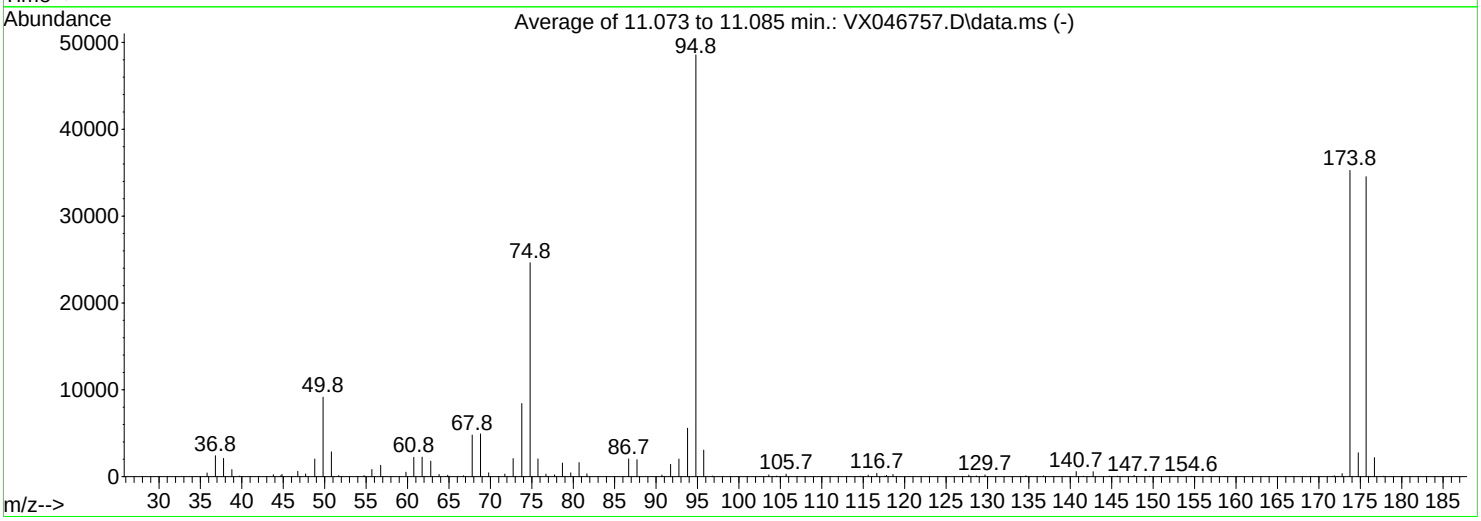
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046757.D
Acq On : 19 Jun 2025 08:42
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	9154	PASS
75	95	30	60	50.7	24627	PASS
95	95	100	100	100.0	48571	PASS
96	95	5	9	6.3	3061	PASS
173	174	0.00	2	1.0	352	PASS
174	95	50	100	72.6	35267	PASS
175	174	5	9	7.8	2745	PASS
176	174	95	101	97.9	34539	PASS
177	176	5	9	6.3	2186	PASS

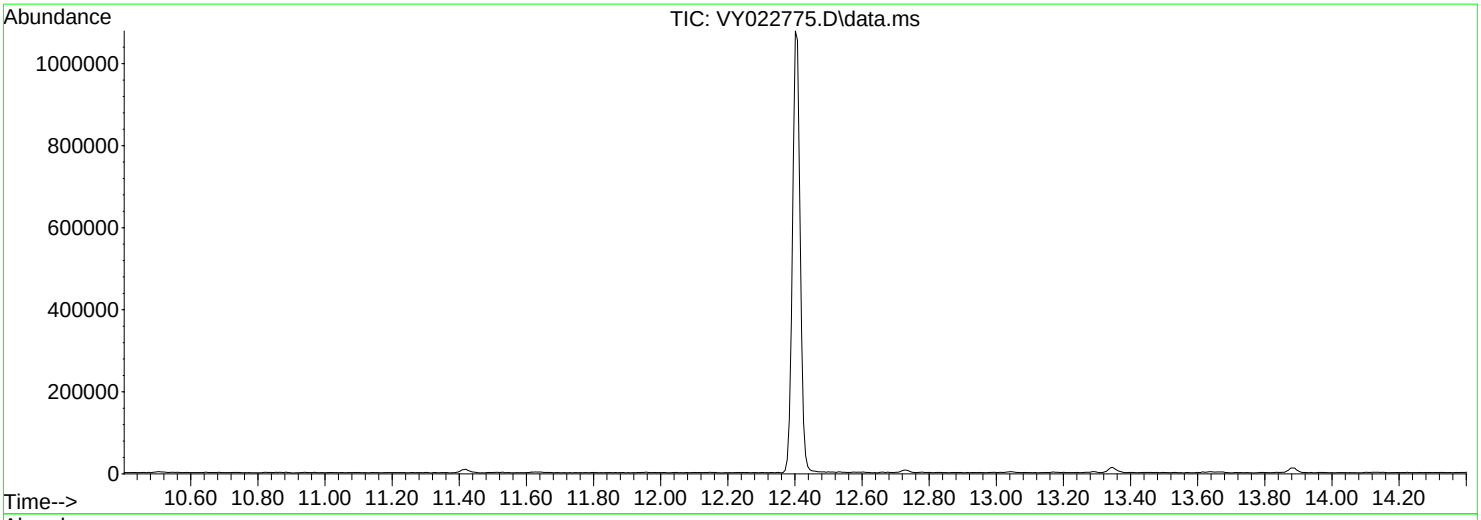
Sample Results: **VY022775.D**

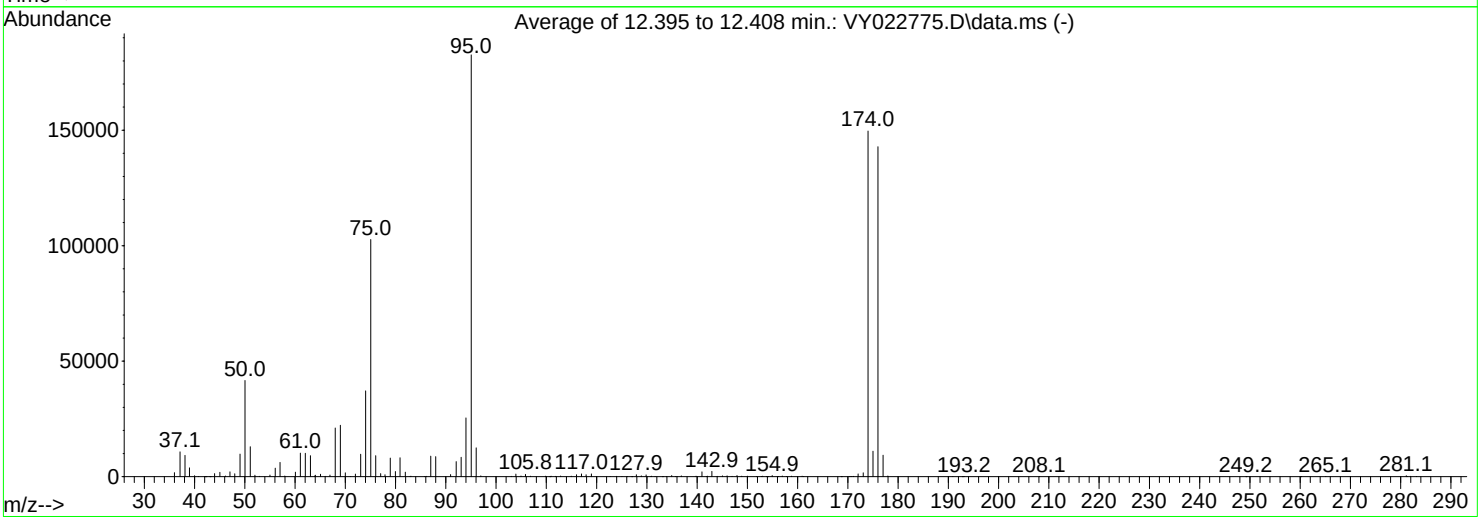
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
Data File : VY022775.D
Acq On : 23 Jun 2025 10:17
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260
Last Update : Tue Jun 24 08:29:52 2025





AutoFind: Scans 1751, 1752, 1753; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.8	41667	PASS
75	95	30	60	56.2	102659	PASS
95	95	100	100	100.0	182635	PASS
96	95	5	9	6.8	12459	PASS
173	174	0.00	2	1.1	1700	PASS
174	95	50	100	81.9	149608	PASS
175	174	5	9	7.4	11034	PASS
176	174	95	101	95.5	142859	PASS
177	176	5	9	6.5	9270	PASS

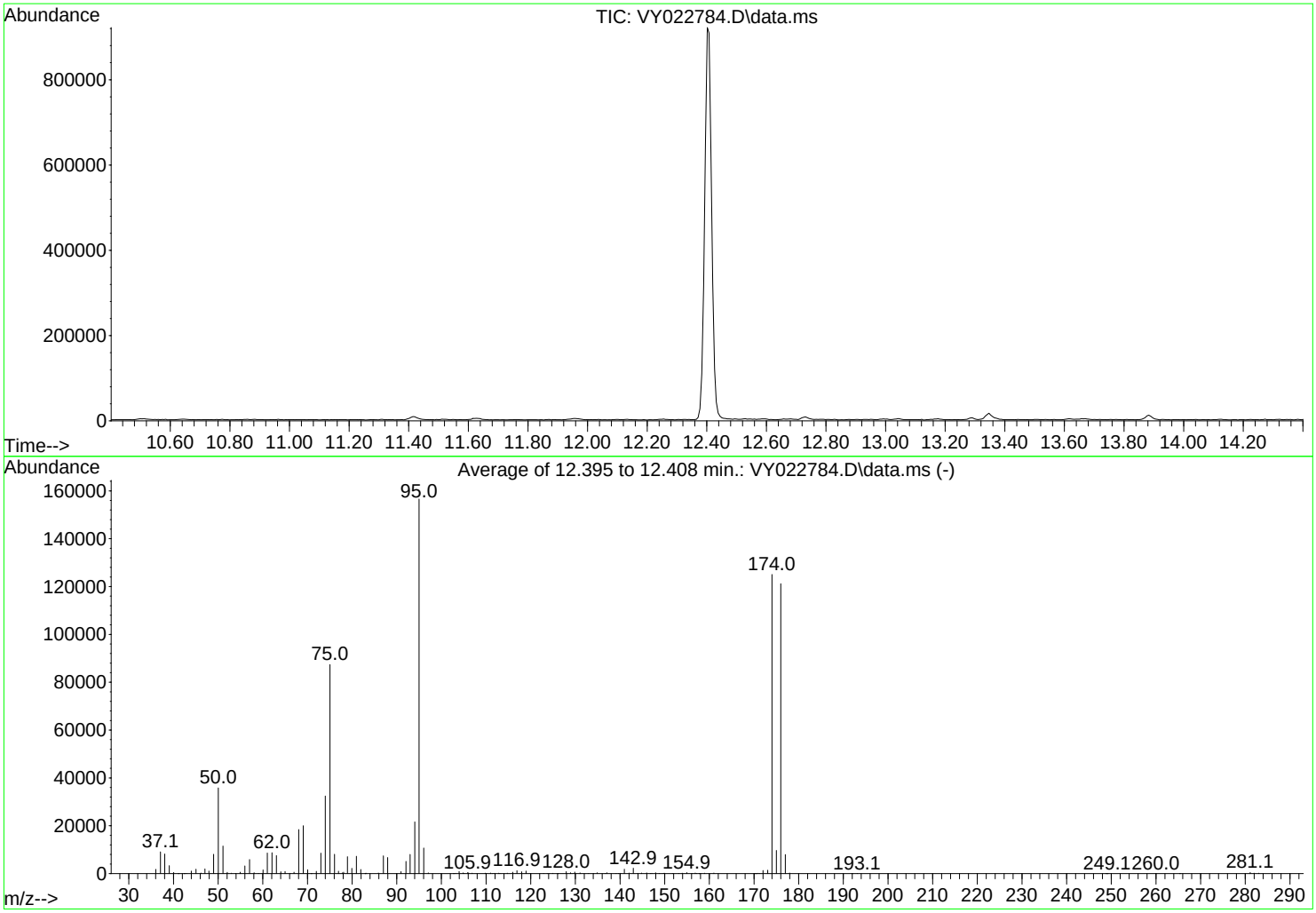
Sample Results: **VY022784.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022784.D
Acq On : 24 Jun 2025 08:49
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260
Last Update : Tue Jun 24 08:29:52 2025



AutoFind: Scans 1751, 1752, 1753; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.9	35827	PASS
75	95	30	60	55.8	87387	PASS
95	95	100	100	100.0	156613	PASS
96	95	5	9	6.8	10696	PASS
173	174	0.00	2	1.2	1461	PASS
174	95	50	100	79.8	125053	PASS
175	174	5	9	7.7	9683	PASS
176	174	95	101	96.9	121219	PASS
177	176	5	9	6.6	7948	PASS

Raw Data: **VN087123.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087123.D	1		06/20/25 09:25	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/Kg
74-87-3	Chloromethane	110	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	79.0	U	79.0	500	ug/Kg
74-83-9	Bromomethane	110	U	110	500	ug/Kg
75-00-3	Chloroethane	130	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	120	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	100	U	100	500	ug/Kg
67-64-1	Acetone	470	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	110	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	73.0	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	150	U	150	500	ug/Kg
75-09-2	Methylene Chloride	350	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	86.0	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	80.0	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	79.0	U	79.0	500	ug/Kg
78-93-3	2-Butanone	650	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	97.0	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	75.0	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	120	U	120	500	ug/Kg
67-66-3	Chloroform	84.0	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	93.0	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	91.0	U	91.0	500	ug/Kg
71-43-2	Benzene	79.0	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	79.0	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	81.0	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	91.0	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	78.0	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	360	U	360	2500	ug/Kg
108-88-3	Toluene	78.0	U	78.0	500	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087123.D	1		06/20/25 09:25	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	65.0	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	62.0	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.0	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	370	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	87.0	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	88.0	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	110	U	110	500	ug/Kg
108-90-7	Chlorobenzene	91.0	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	67.0	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	1000	ug/Kg
95-47-6	o-Xylene	82.0	U	82.0	500	ug/Kg
100-42-5	Styrene	71.0	U	71.0	500	ug/Kg
75-25-2	Bromoform	86.0	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	78.0	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	320	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	52.9		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		70 (17) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	162000	8.23			
540-36-3	1,4-Difluorobenzene	320000	9.106			
3114-55-4	Chlorobenzene-d5	285000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.788			

Raw Data: **VN087123.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087123.D	1		06/20/25 09:25	VN062025

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_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Time: Jun 20 22:59:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	161603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113749	52.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	8.177	113	97796	51.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	10.565	98	396963	52.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.847	95	133565	47.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.820%			

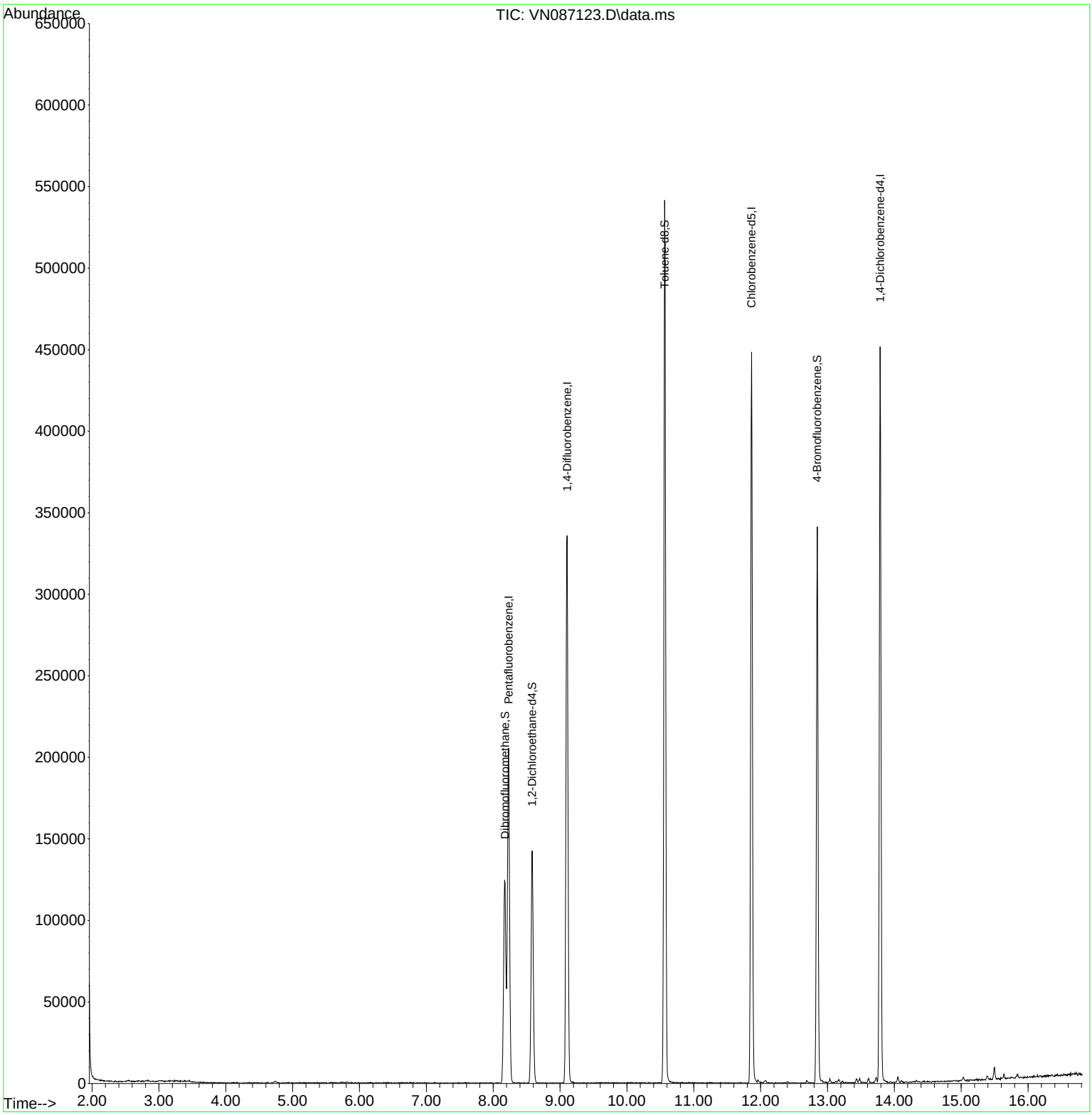
Target Compounds Qvalue

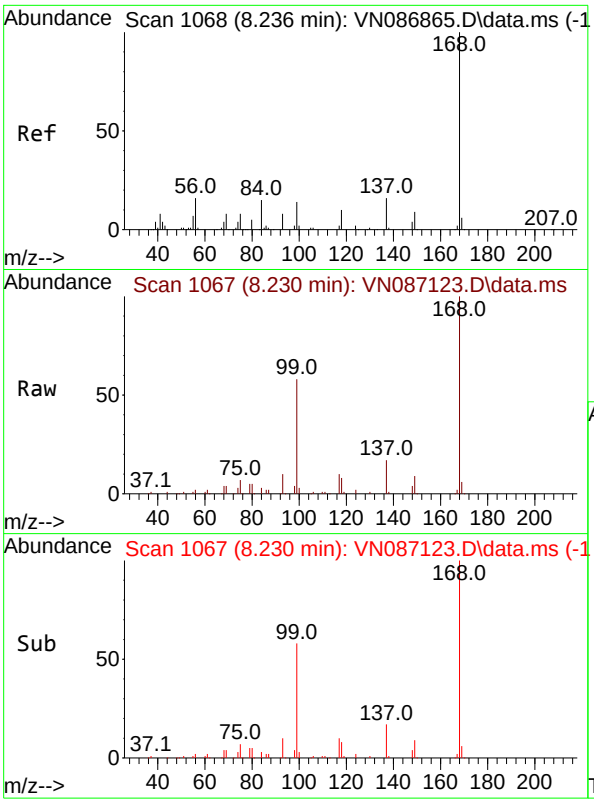
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Time: Jun 20 22:59:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



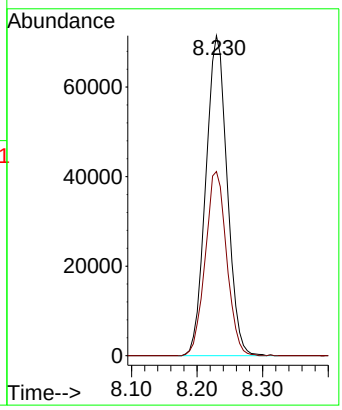


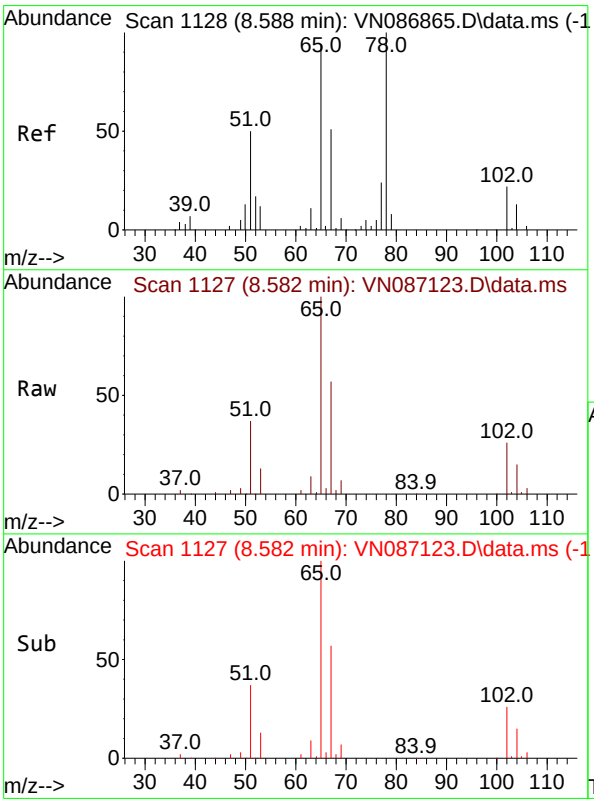
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:168 Resp: 161603

Ion	Ratio	Lower	Upper
168	100		
99	57.6	49.1	73.7

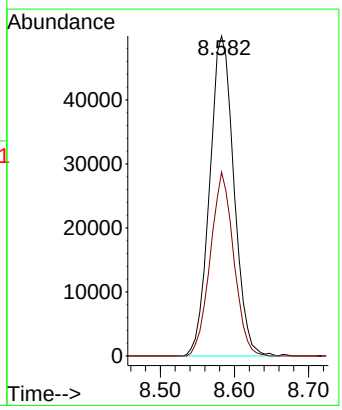


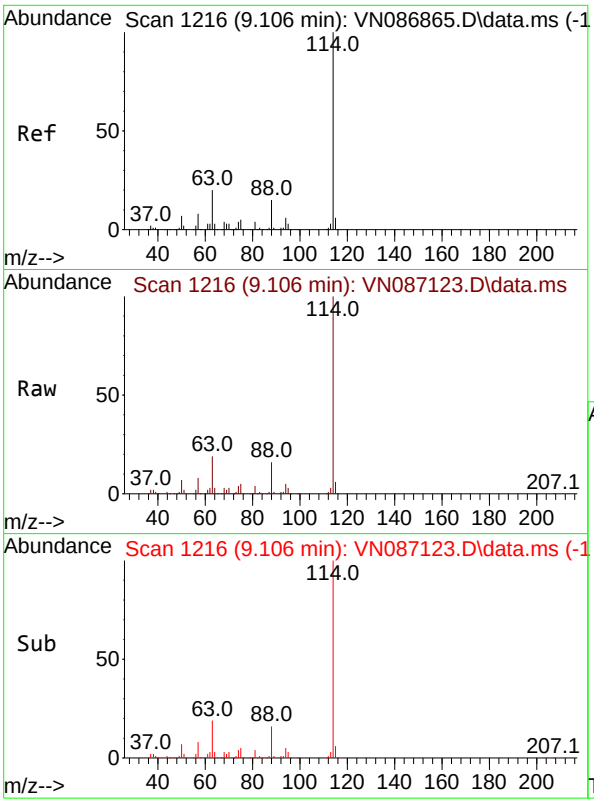


#33
1,2-Dichloroethane-d4
Concen: 52.572 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion: 65 Resp: 113749

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	105.6



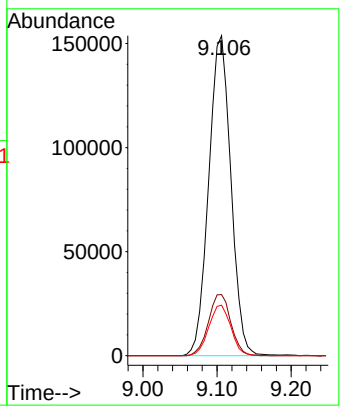


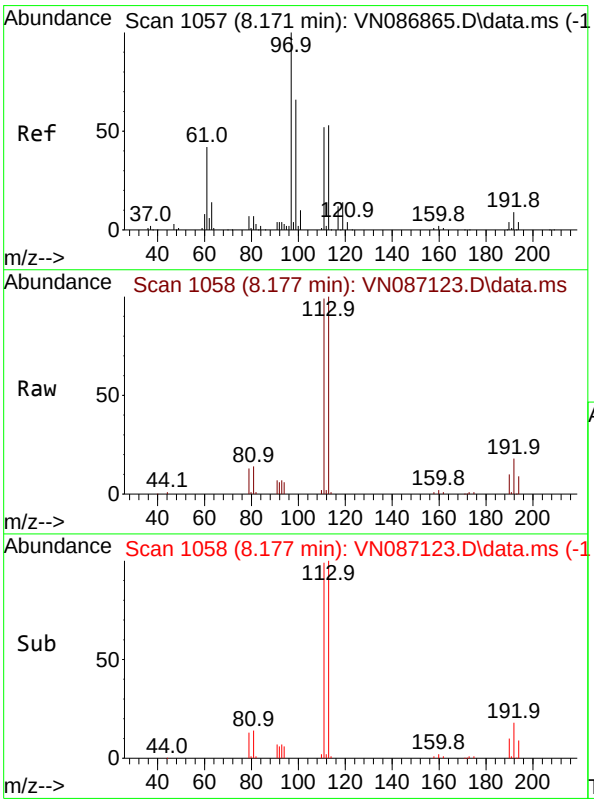
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:114 Resp: 319855

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.8	0.0	30.2

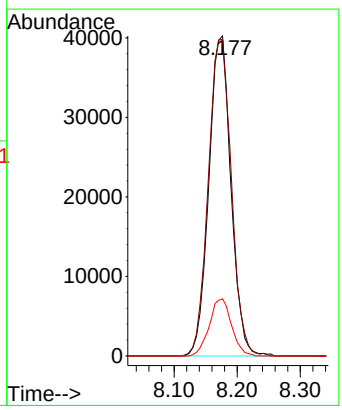


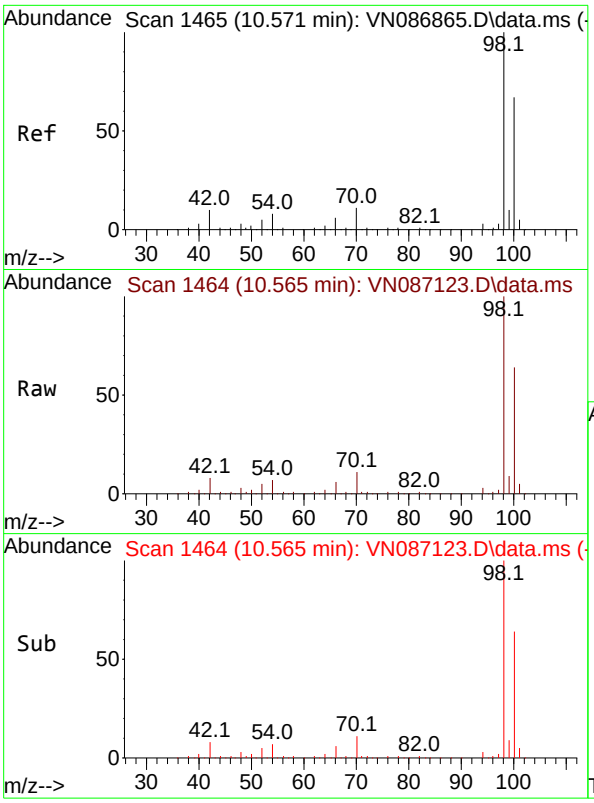


#35
Dibromofluoromethane
Concen: 51.593 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion:113 Resp: 97796

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.2	126.2
192	18.0	14.2	21.4



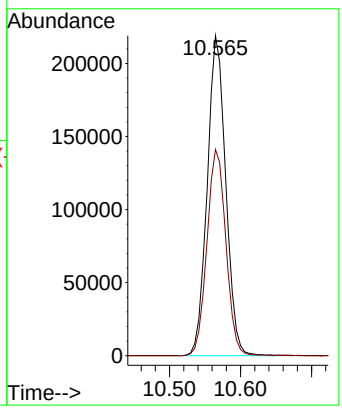


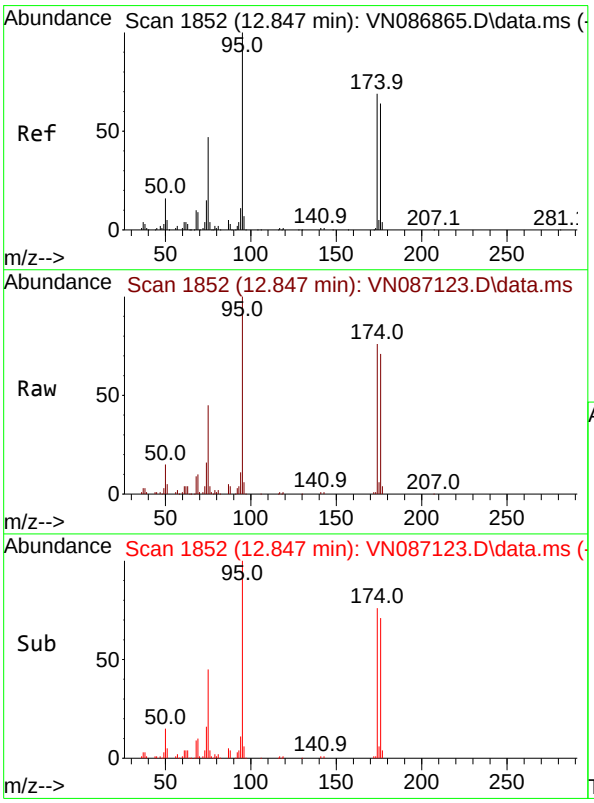
#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion: 98 Resp: 396963

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0

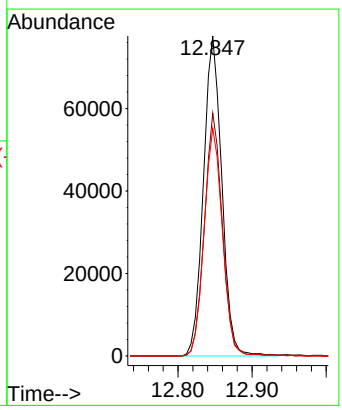


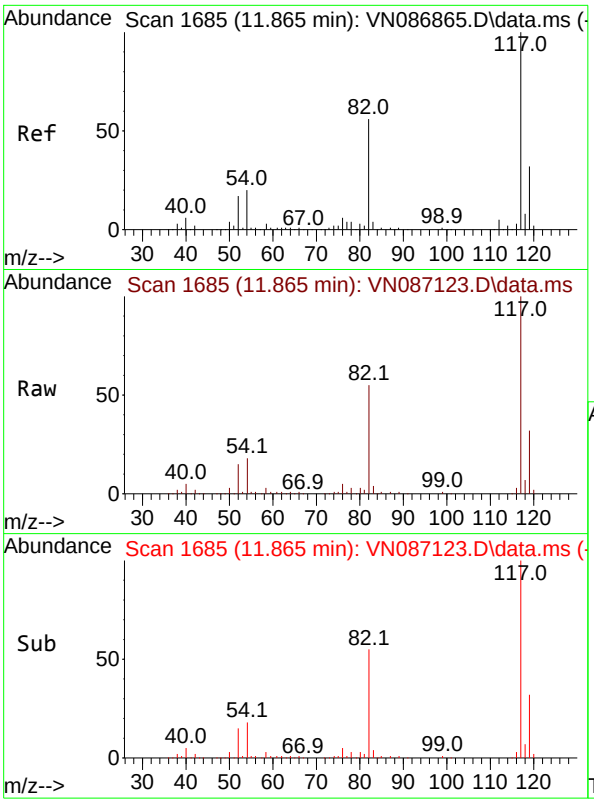


#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion: 95 Resp: 133565

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	141.8
176	71.0	0.0	132.6



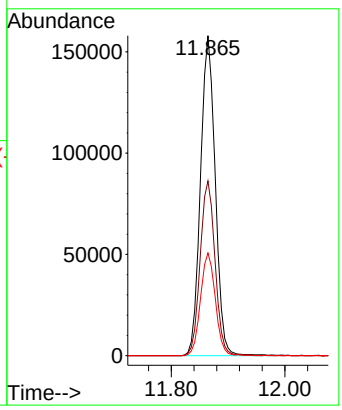


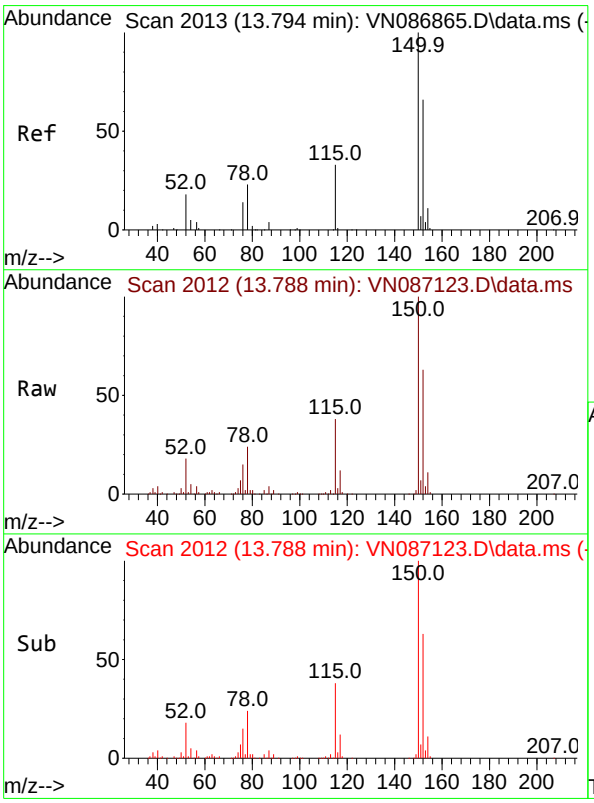
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:117 Resp: 284735

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.6	67.0
119	32.1	25.5	38.3

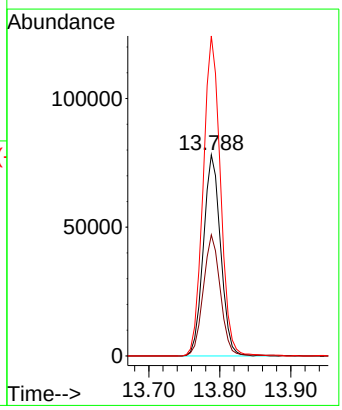




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion:152 Resp: 131966

Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.1	90.5
150	159.5	0.0	345.0



Sample Results: **VN087123.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN087123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.171	1047	1057	1062	rBV2	124595	309597	31.20%	6.266%
2	8.230	1062	1067	1080	rVB	205171	453565	45.71%	9.180%
3	8.582	1117	1127	1139	rBV	142559	318311	32.08%	6.442%
4	9.106	1207	1216	1229	rBV	335825	702486	70.80%	14.218%
5	10.565	1455	1464	1478	rBV	541501	992236	100.00%	20.082%
6	11.865	1676	1685	1699	rBV	448459	815298	82.17%	16.501%
7	12.847	1845	1852	1861	rBV	340938	577673	58.22%	11.692%
8	13.788	2005	2012	2022	rVV	450759	760213	76.62%	15.386%
9	15.500	2297	2303	2308	rBV6	7606	11537	1.16%	0.233%

Sum of corrected areas: 4940916

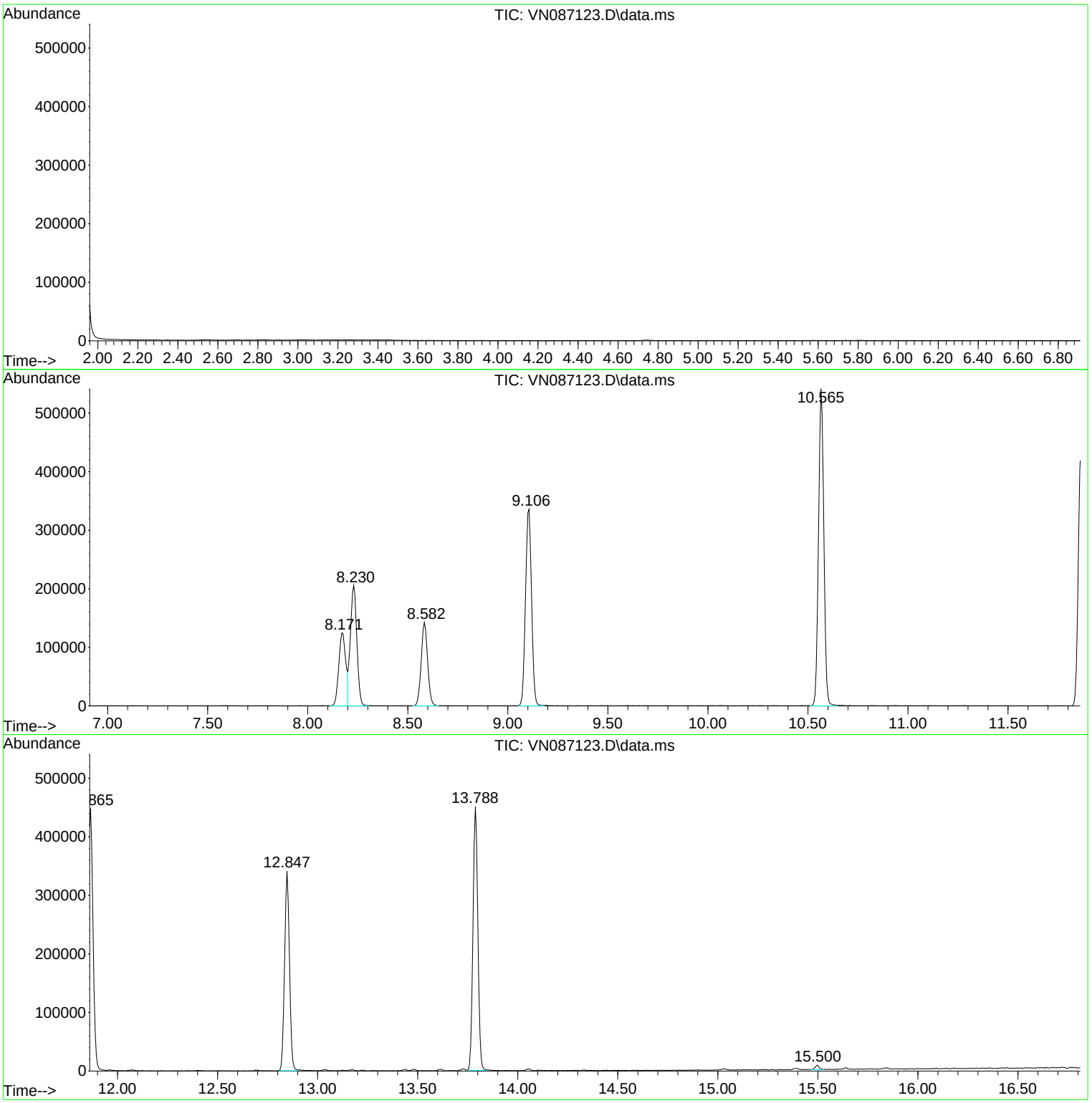
Sample Results: **VN087123.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087123.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620WBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087124.D	1		06/20/25 09:46	VN062025

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
75-35-4	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
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	VN0620WBL01		SDG No.:	Q2363	
Lab Sample ID:	VN0620WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087124.D	1		06/20/25 09:46	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	54.9		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	8.23			
540-36-3	1,4-Difluorobenzene	380000	9.106			
3114-55-4	Chlorobenzene-d5	343000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	160000	13.788			

Raw Data: **VN087124.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620WBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087124.D	1		06/20/25 09:46	VN062025

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_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Time: Jun 20 22:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	186699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137319	54.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.860%			
35) Dibromofluoromethane	8.171	113	115842	51.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	10.565	98	468951	52.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.847	95	161930	48.938	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.880%			

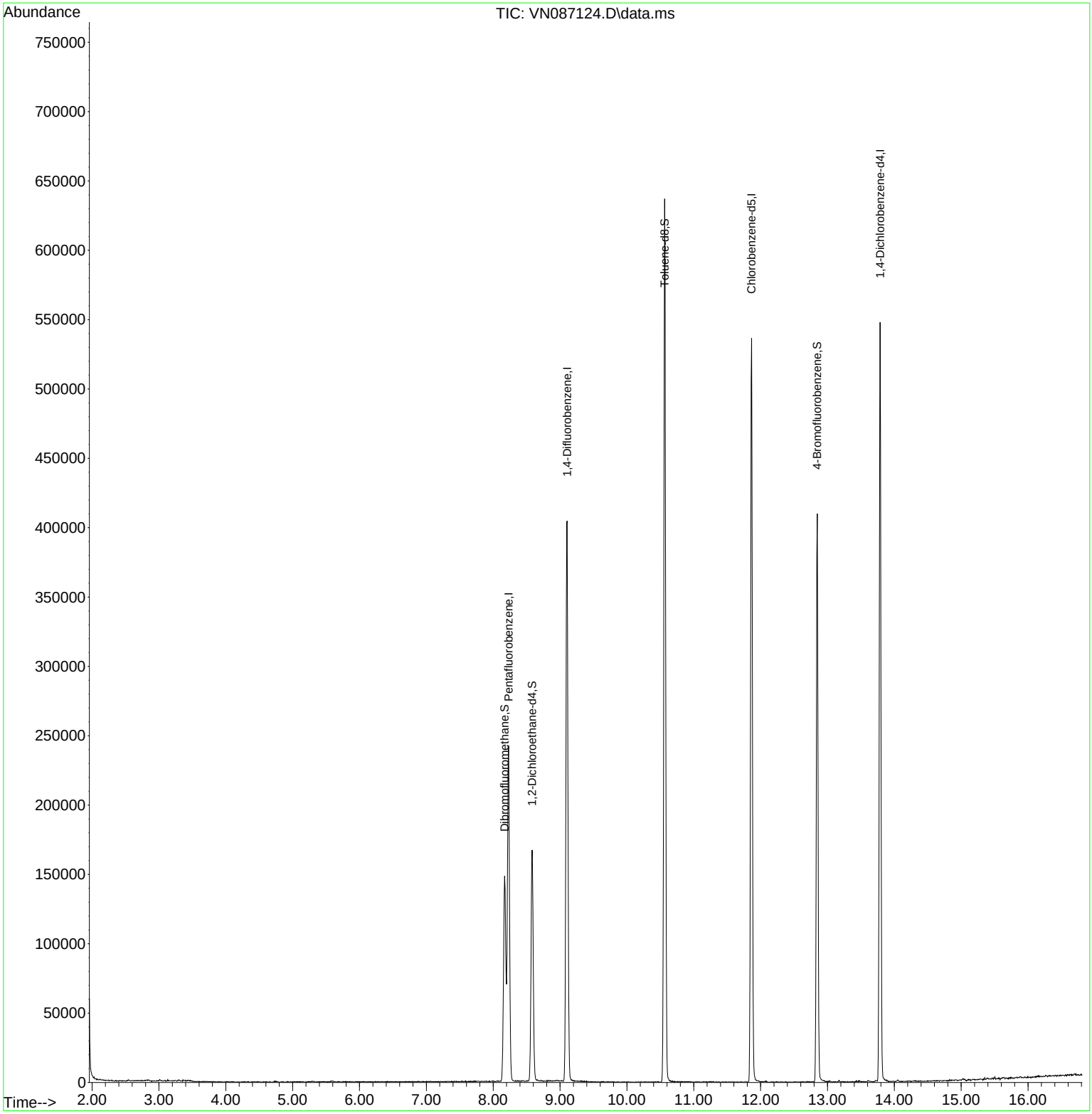
Target Compounds Qvalue

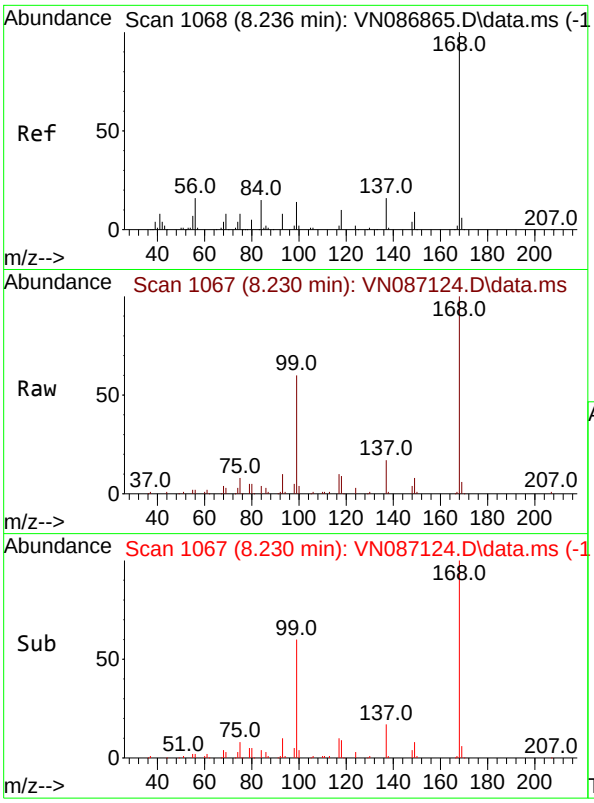
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Time: Jun 20 22:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



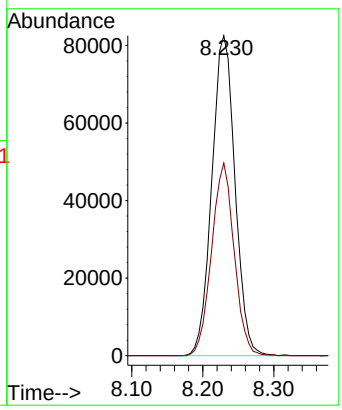


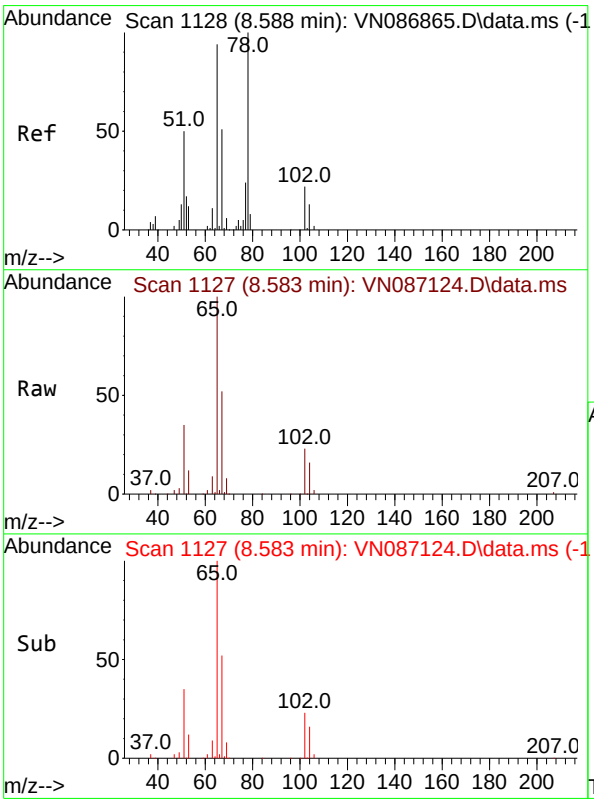
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:168 Resp: 186699

Ion	Ratio	Lower	Upper
168	100		
99	60.2	49.1	73.7

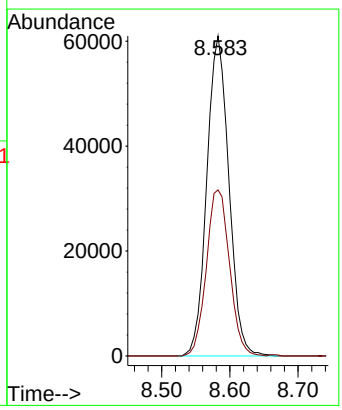


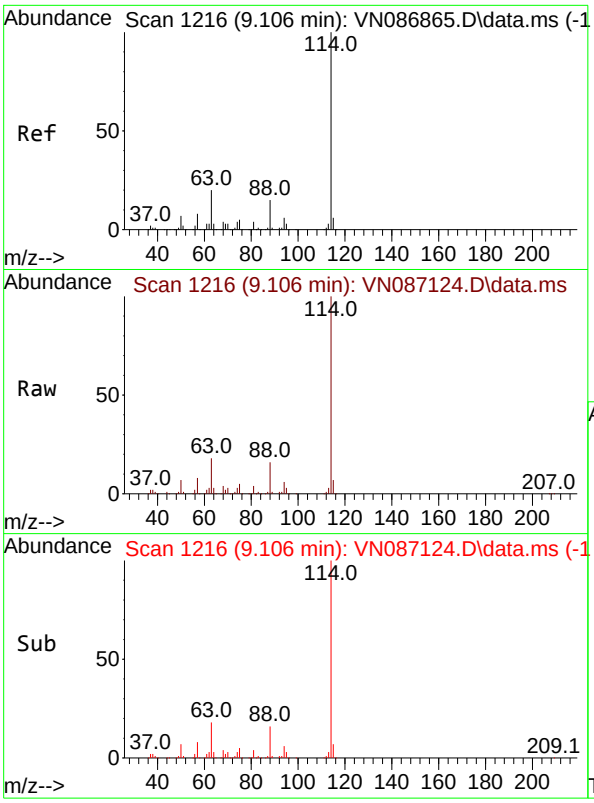


#33
1,2-Dichloroethane-d4
Concen: 54.934 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion: 65 Resp: 137319

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.6



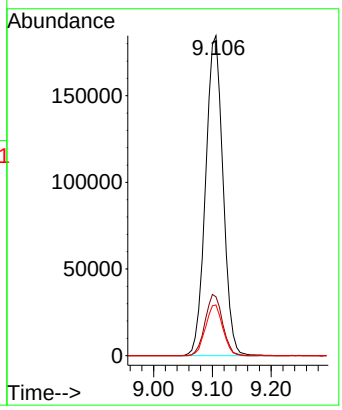


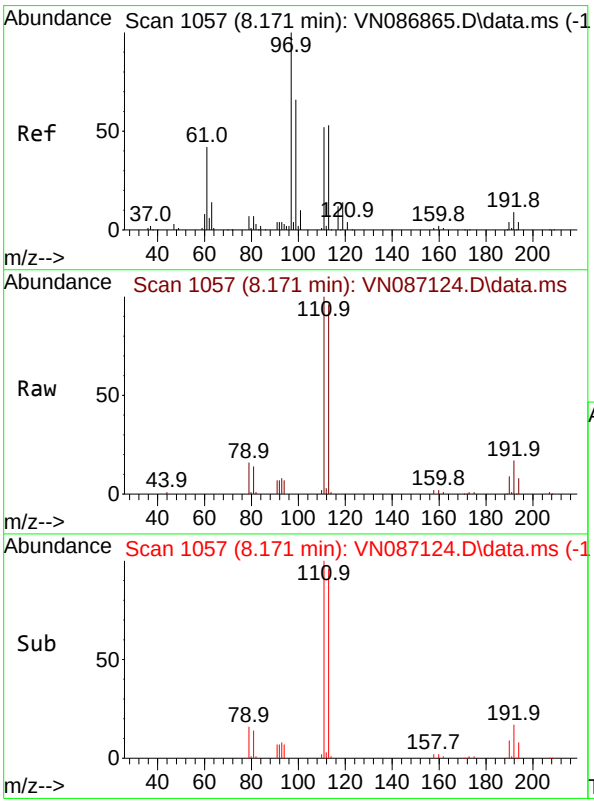
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:114 Resp: 379621

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.6
88	15.9	0.0	30.2

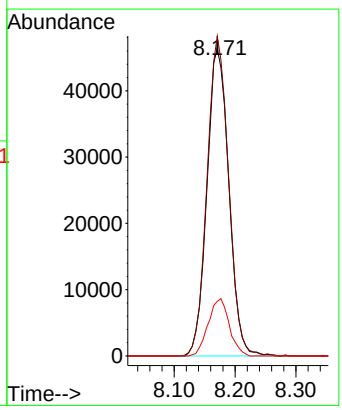


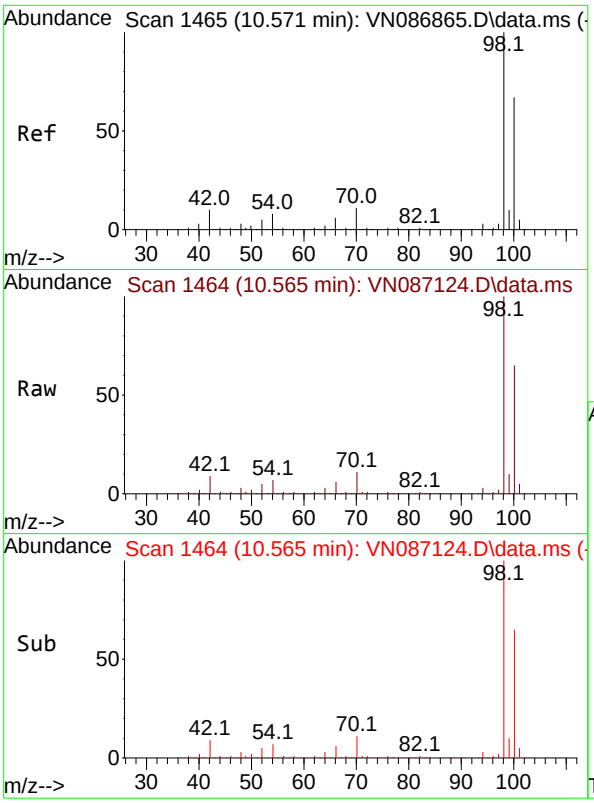


#35
Dibromofluoromethane
Concen: 51.492 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion:113 Resp: 115842

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	17.9	14.2	21.4



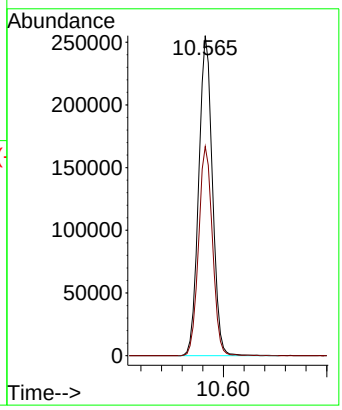


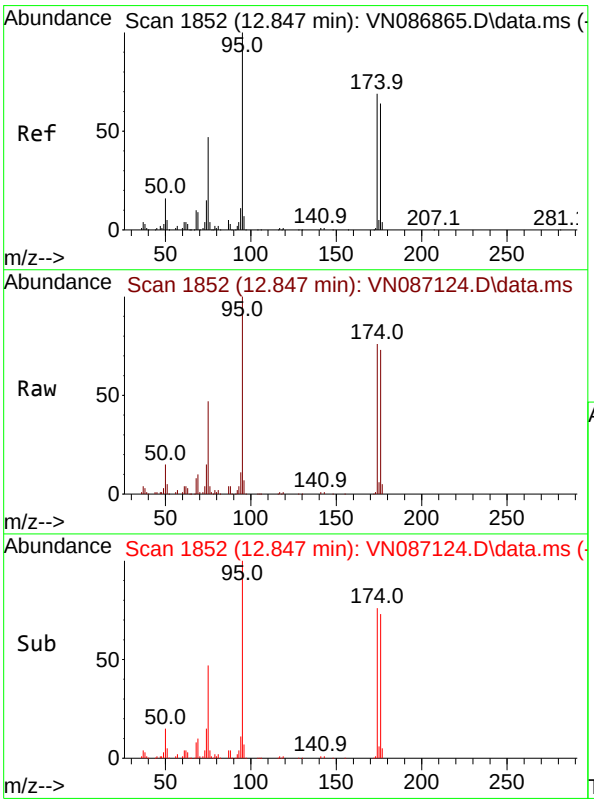
#50
Toluene-d8
Concen: 52.655 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion: 98 Resp: 468951

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.0

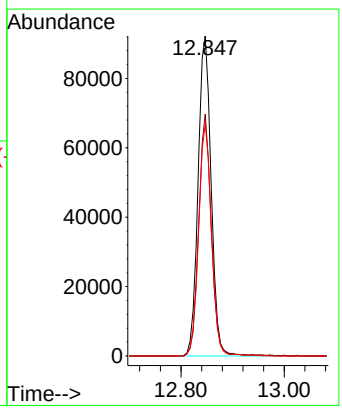


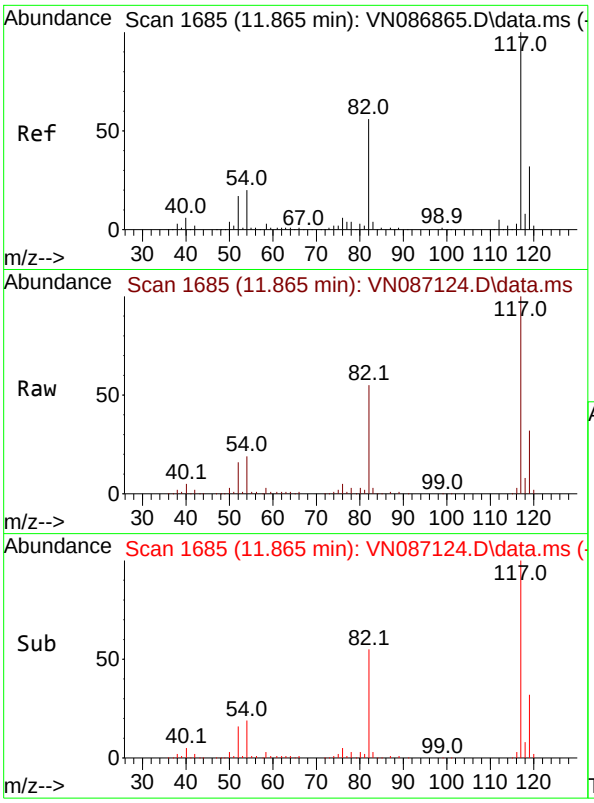


#62
4-Bromofluorobenzene
Concen: 48.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion: 95 Resp: 161930

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	141.8
176	70.7	0.0	132.6



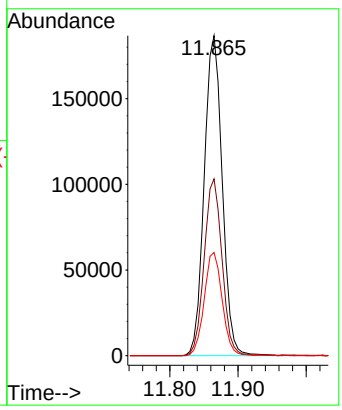


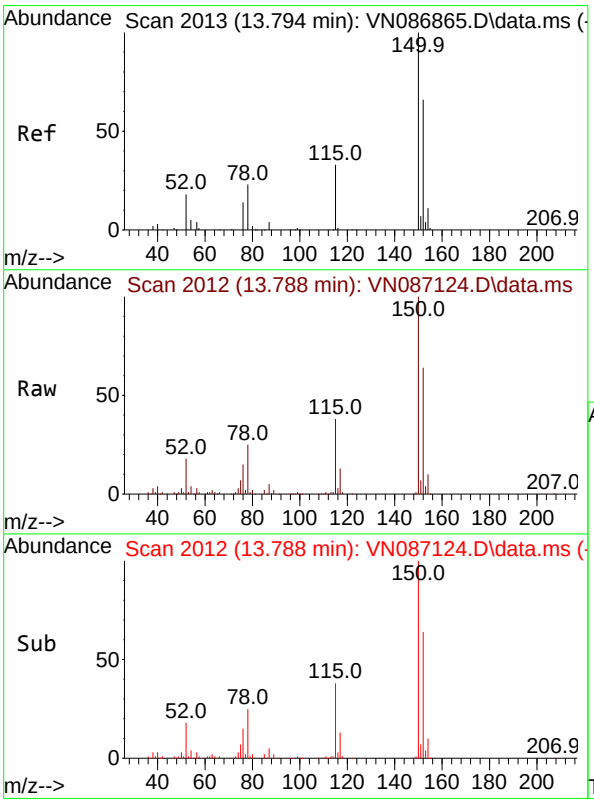
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:117 Resp: 343369

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	32.3	25.5	38.3

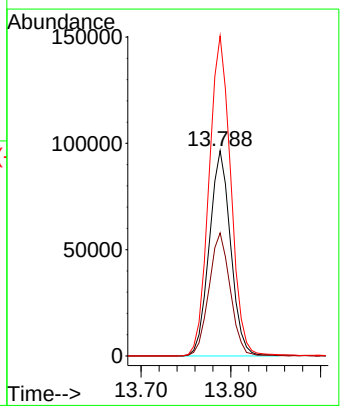




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion:152 Resp: 159510

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.5
150	159.4	0.0	345.0



Sample Results: **VN087124.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN087124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.171	1047	1057	1062	rBV2	148003	370357	31.52%	6.283%
2	8.230	1062	1067	1084	rVB	242117	525565	44.72%	8.916%
3	8.583	1118	1127	1139	rBV	166565	378931	32.25%	6.429%
4	9.106	1206	1216	1227	rBV	403999	838166	71.32%	14.220%
5	10.565	1455	1464	1480	rBV	636992	1175141	100.00%	19.936%
6	11.865	1675	1685	1698	rBV	536681	981134	83.49%	16.645%
7	12.847	1844	1852	1869	rBV	409837	706638	60.13%	11.988%
8	13.788	2005	2012	2027	rBV	547182	918519	78.16%	15.583%

Sum of corrected areas: 5894451

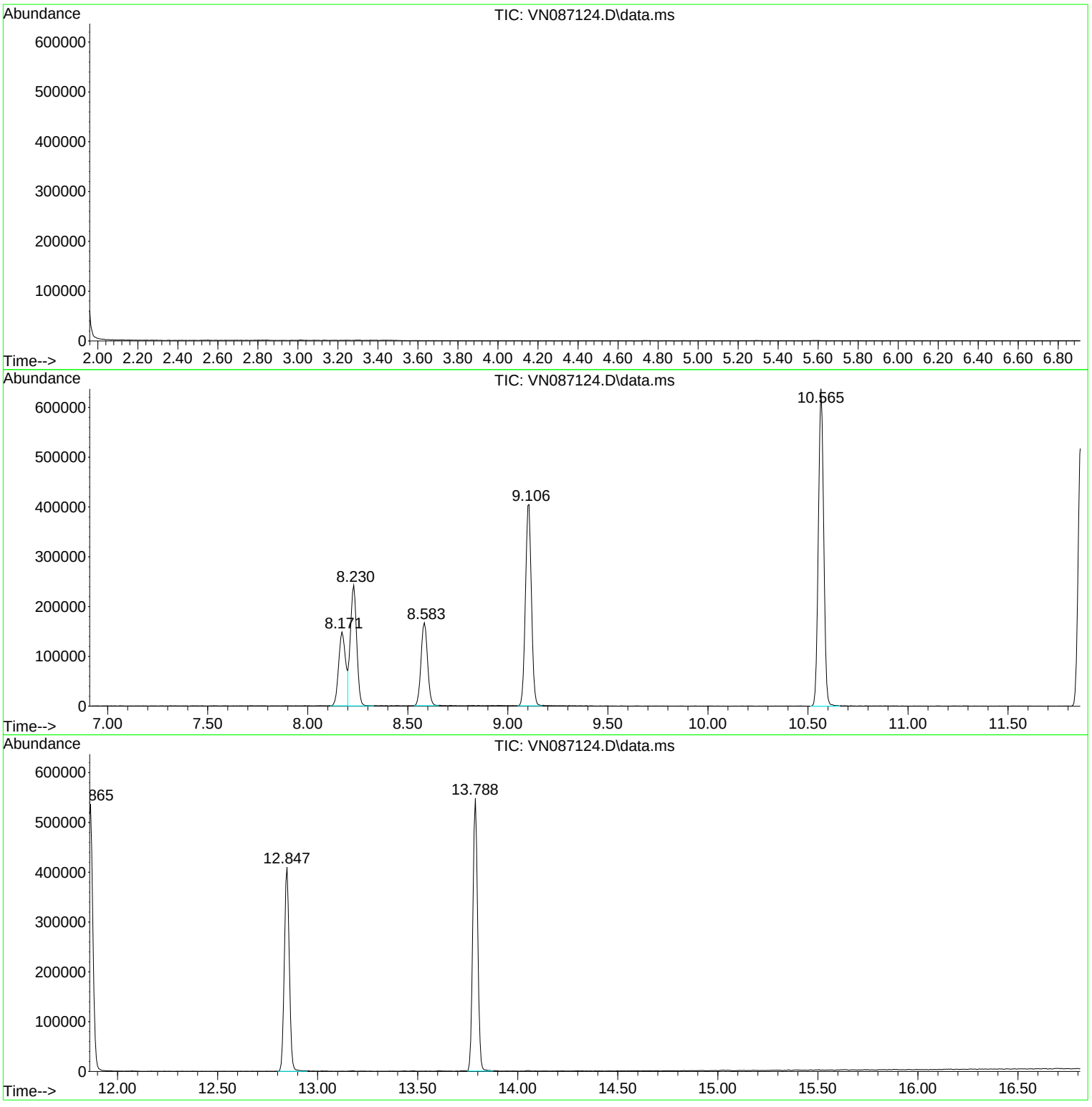
Sample Results: **VN087124.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087124.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX046760.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

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
75-35-4	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
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	125000	5.562			
540-36-3	1,4-Difluorobenzene	212000	6.769			
3114-55-4	Chlorobenzene-d5	192000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	93000	12.018			

Raw Data: **VX046760.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

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\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

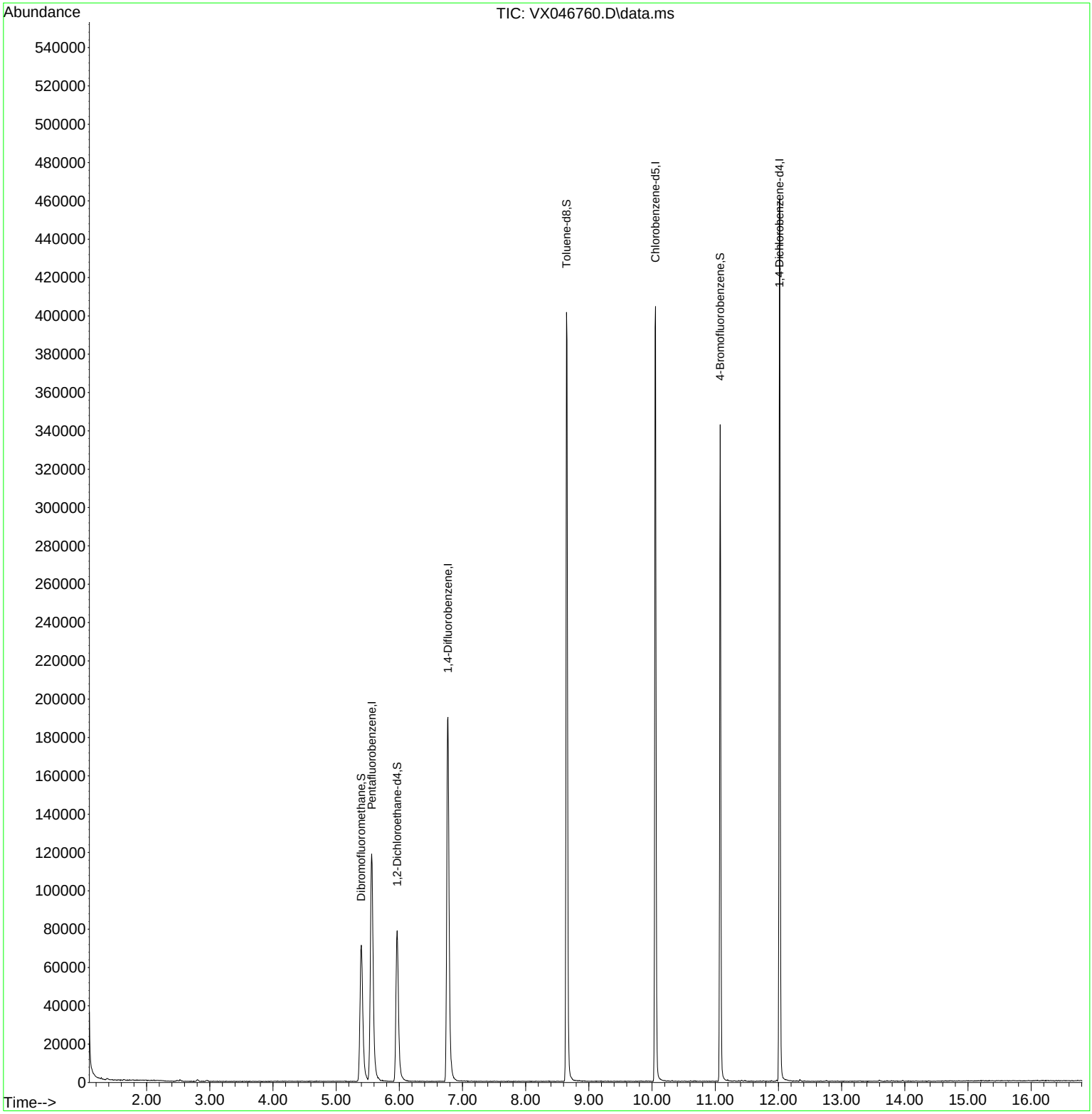
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	124937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83430	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	5.397	113	68758	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.647	98	252224	49.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	92918	49.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						Qvalue

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

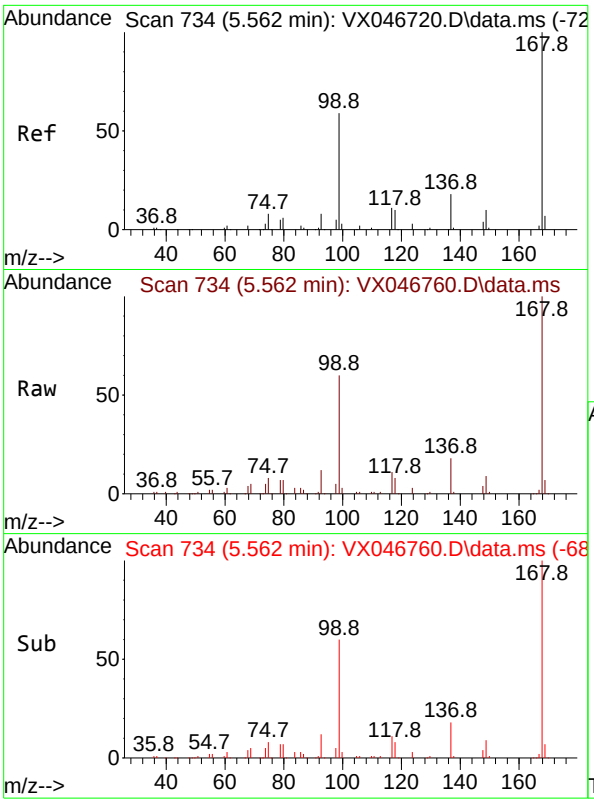
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



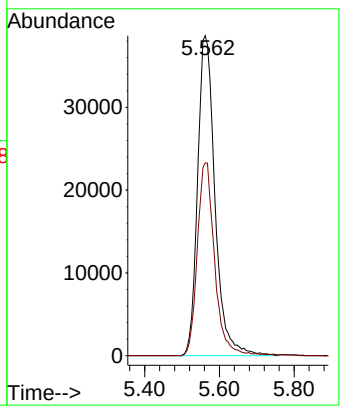
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

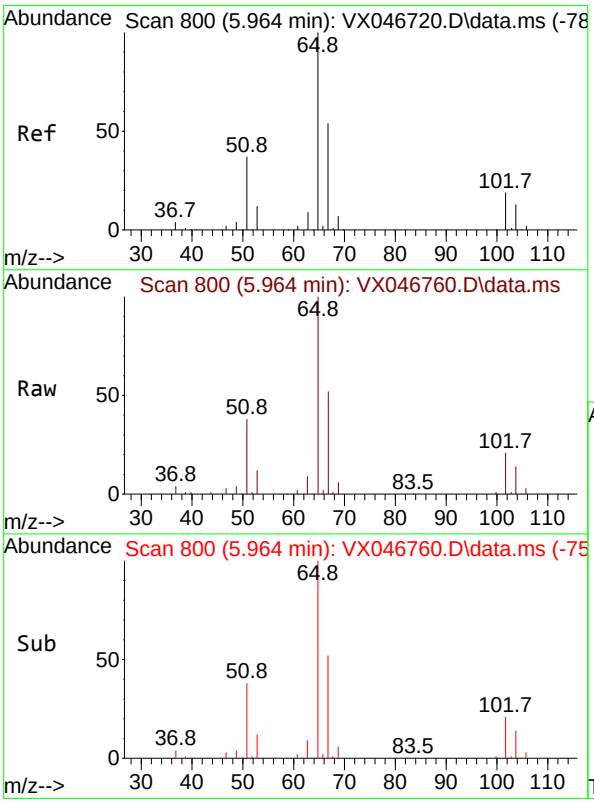


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:168 Resp: 124937

Ion	Ratio	Lower	Upper
168	100		
99	60.2	48.5	72.7

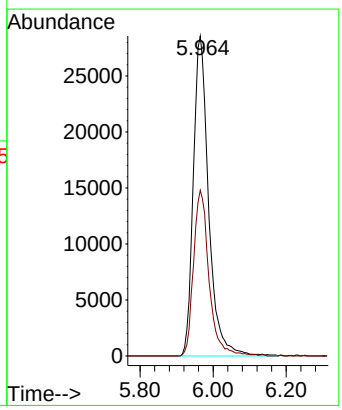


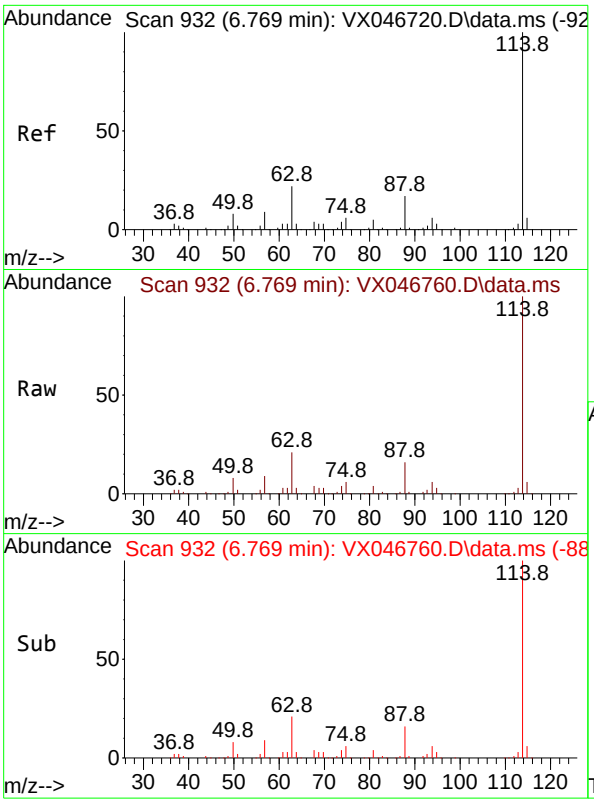


#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 65 Resp: 83430

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



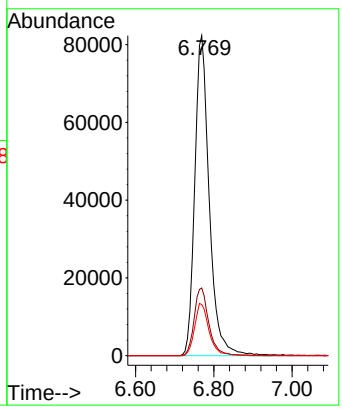


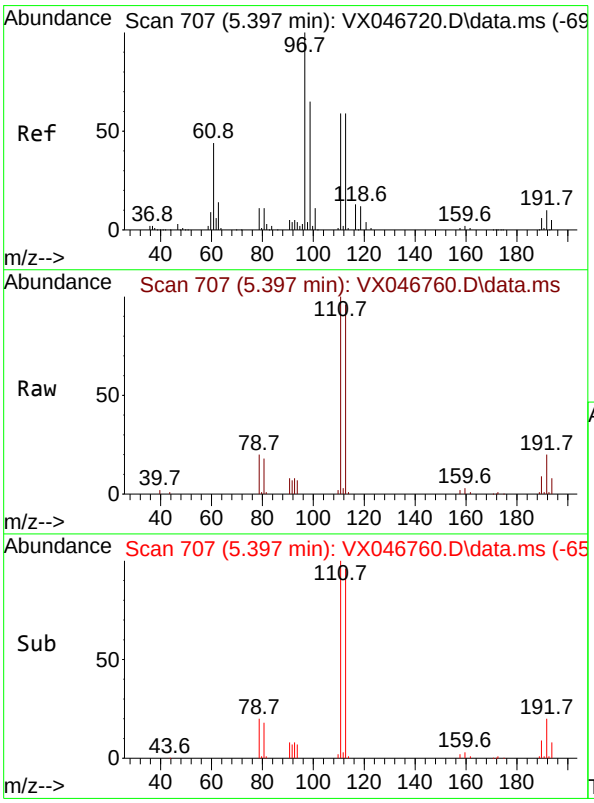
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:114 Resp: 212303

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.0	0.0	33.2

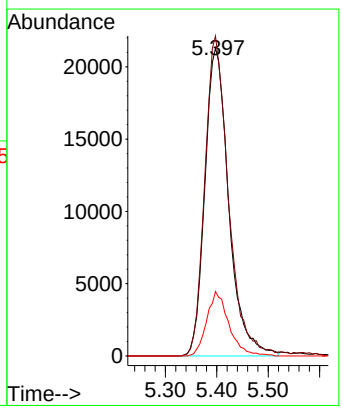


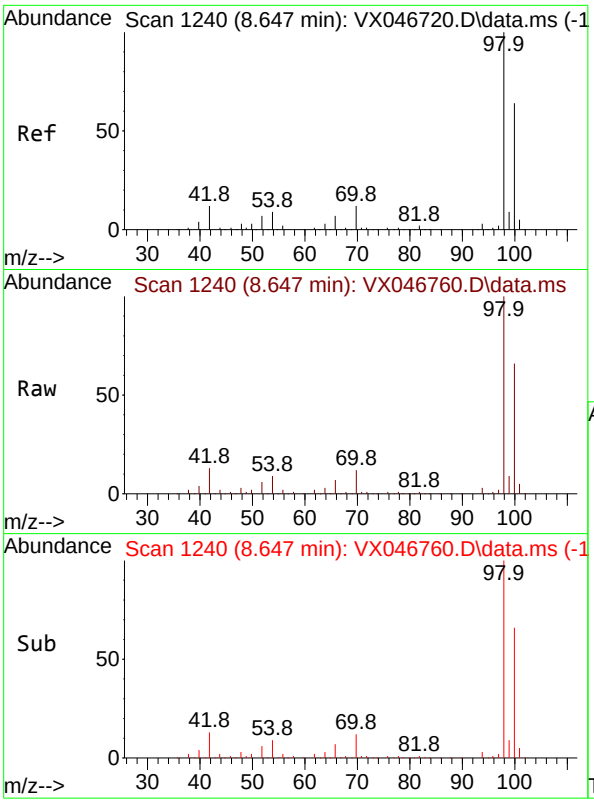


#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:113 Resp: 68758

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.4	15.3	22.9



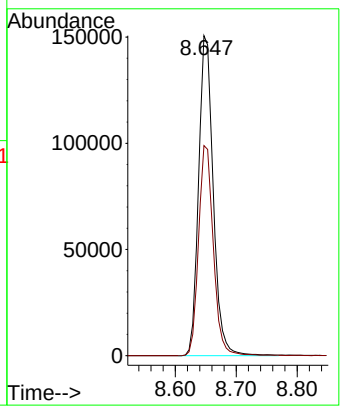


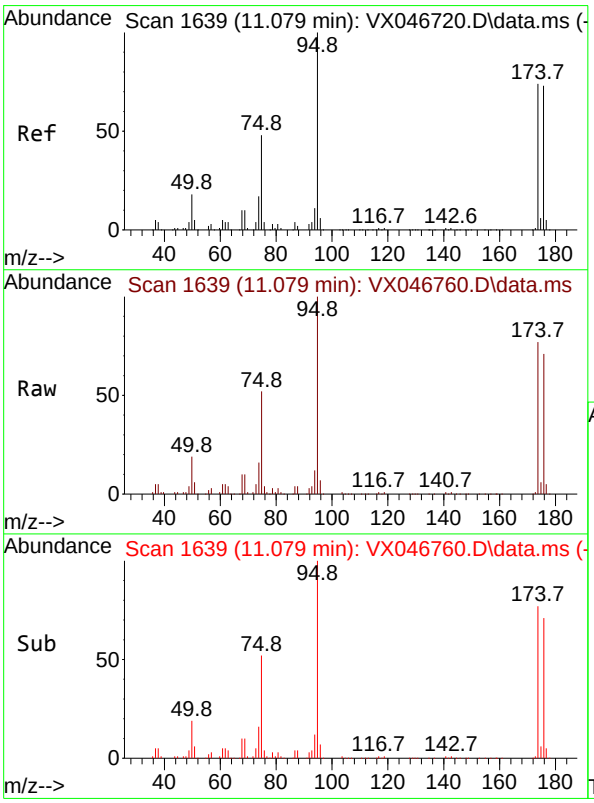
#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion: 98 Resp: 252224

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

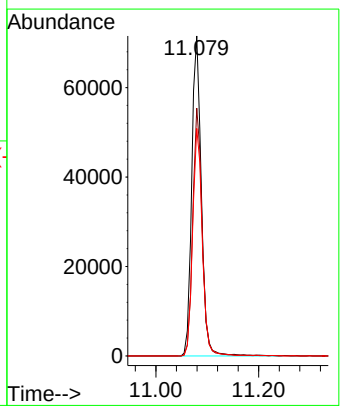


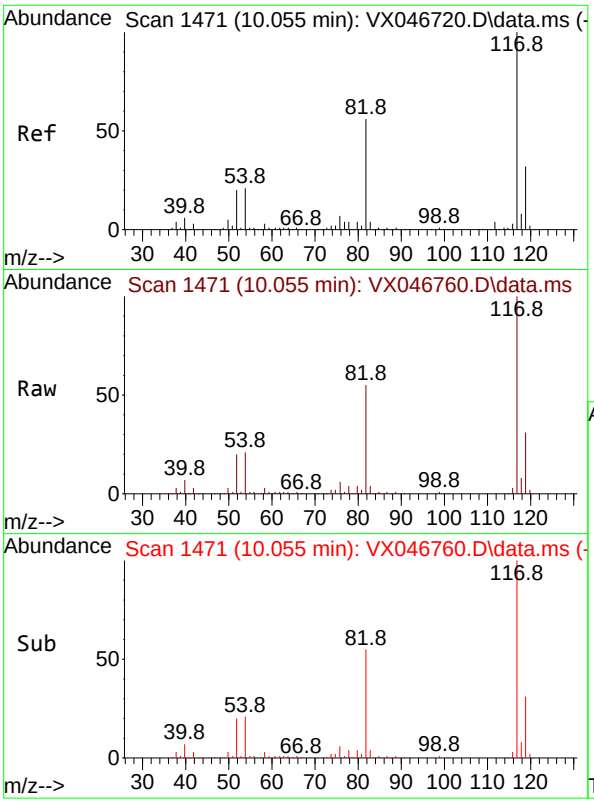


#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 95 Resp: 92918

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.4
176	71.2	0.0	145.0



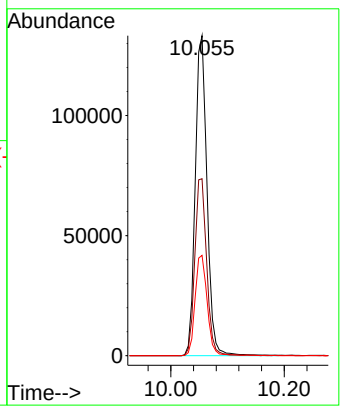


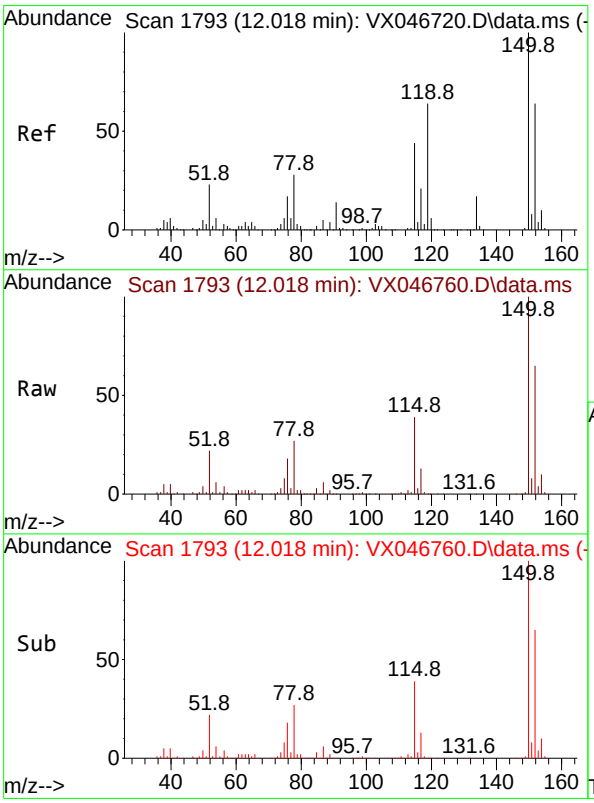
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:117 Resp: 191555

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	66.8
119	31.4	25.8	38.8

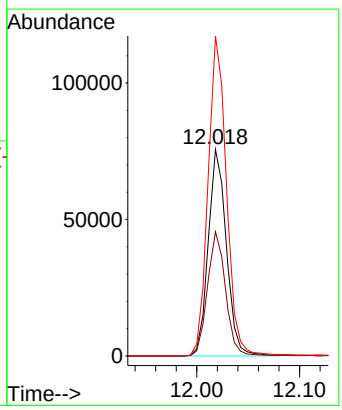




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:152 Resp: 93040

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.2	129.6
150	157.7	0.0	346.8



Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	694	707	724	rBV2	71138	226401	33.63%	6.316%
2	5.562	724	734	757	rVB2	118344	370009	54.96%	10.322%
3	5.964	791	800	818	rBV	78654	226828	33.69%	6.328%
4	6.769	923	932	954	rBV	190158	495034	73.53%	13.809%
5	8.647	1234	1240	1259	rBV	401216	673238	100.00%	18.781%
6	10.055	1465	1471	1483	rBV	404279	586443	87.11%	16.359%
7	11.079	1634	1639	1654	rBV	342631	438043	65.07%	12.220%
8	12.018	1788	1793	1808	rBV	460324	568770	84.48%	15.866%

Sum of corrected areas: 3584766

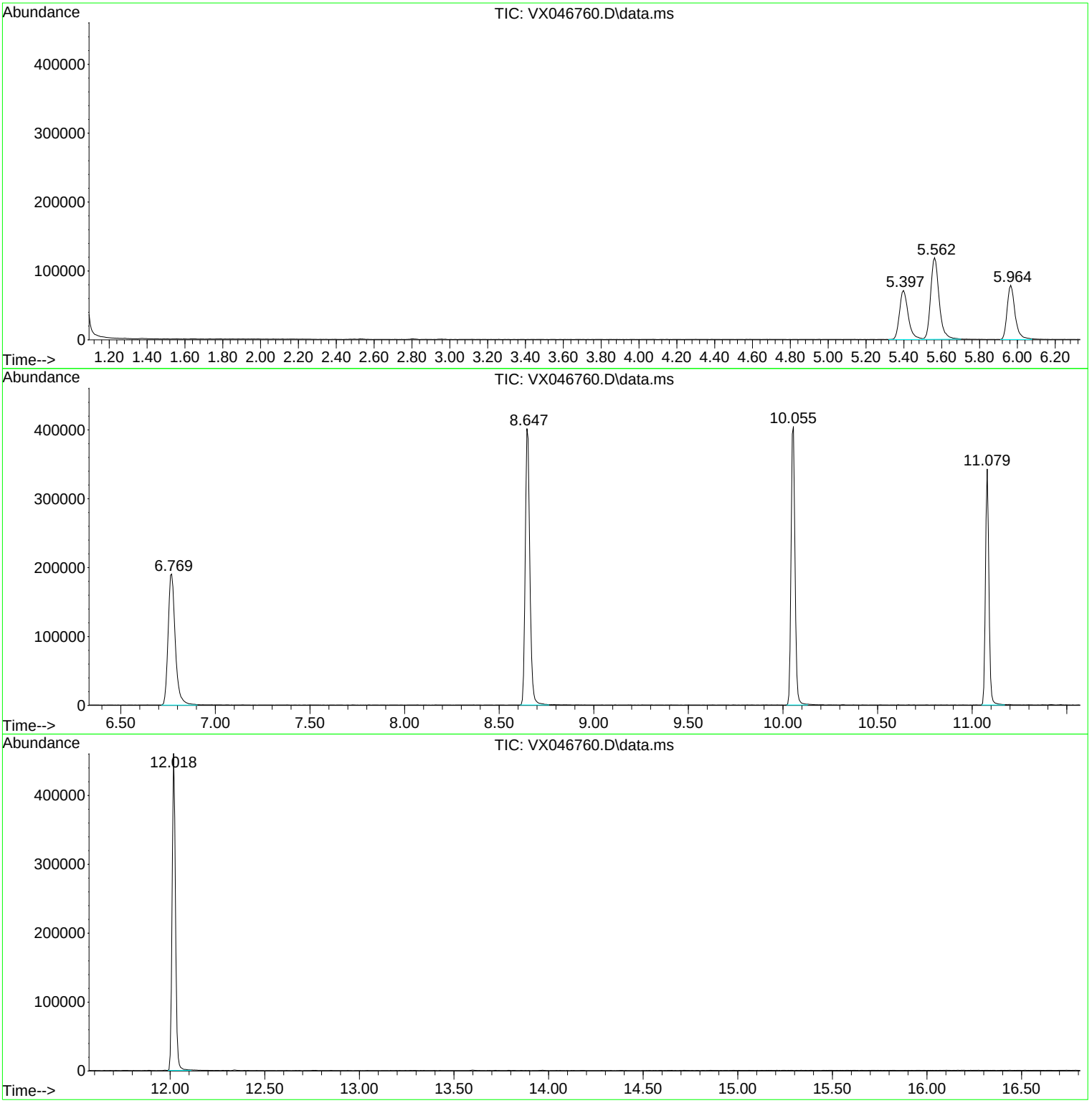
Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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

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

Raw Data: **VY022786.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBL01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022786.D	1		06/24/25 10:25	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Raw Data: **VY022786.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBL01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022786.D	1		06/24/25 10:25	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5		70 (63) - 130 (155)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		70 (17) - 130 (146)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	301000	7.707			
540-36-3	1,4-Difluorobenzene	536000	8.61			
3114-55-4	Chlorobenzene-d5	453000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	171000	13.34			

Raw Data: **VY022786.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBL01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022786.D	1		06/24/25 10:25	VY062425

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_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Time: Jun 25 01:20:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	300507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	535641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	452693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	171409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182809	54.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.020%			
35) Dibromofluoromethane	7.628	113	170594	52.369	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.103	98	635701	49.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.402	95	177906	42.813	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.620%			

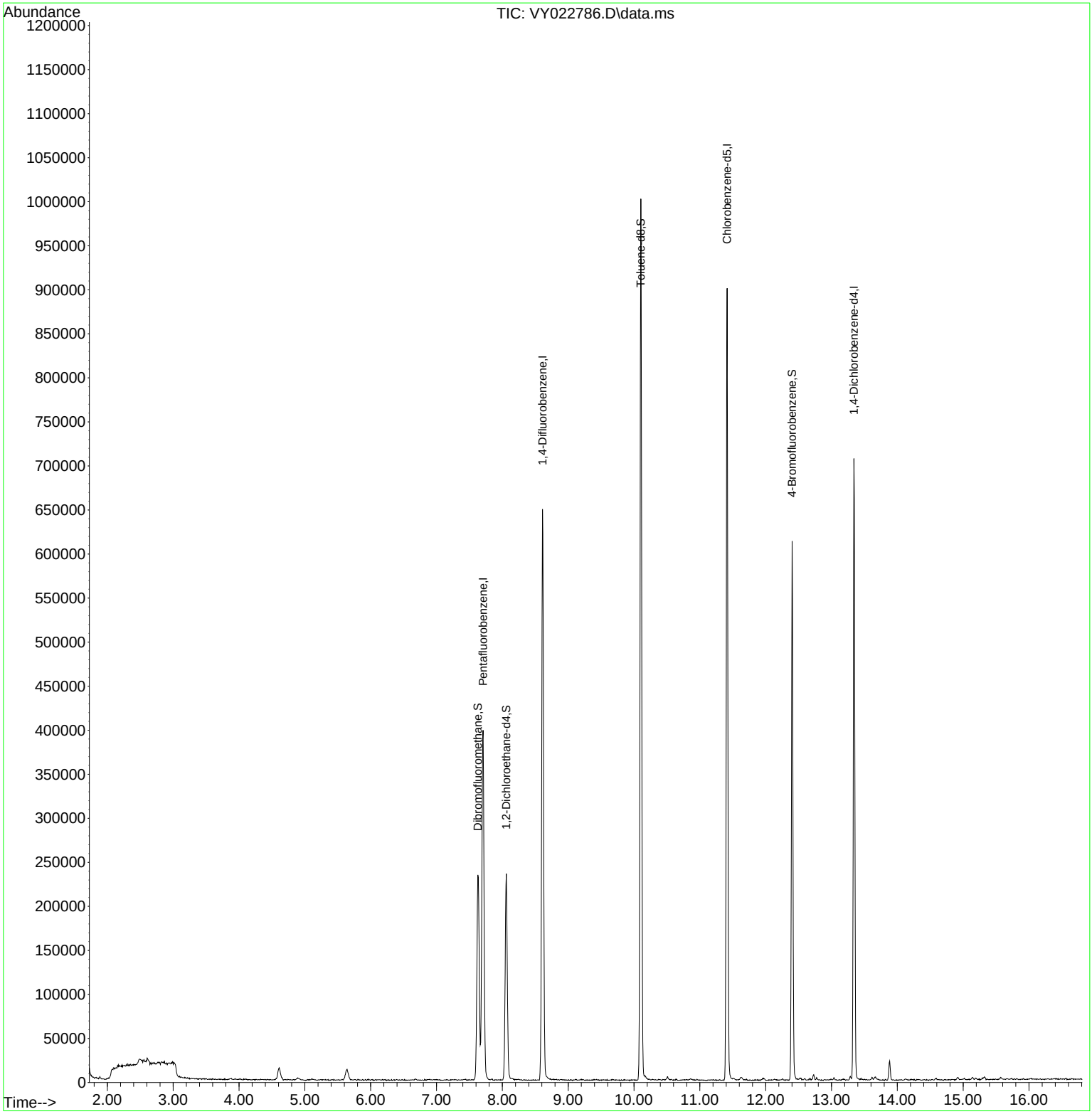
Target Compounds Qvalue

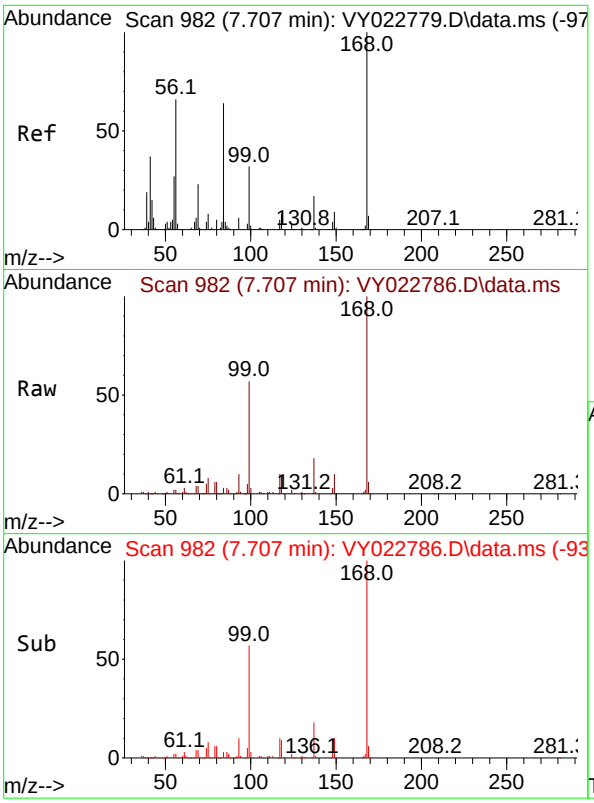
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Time: Jun 25 01:20:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



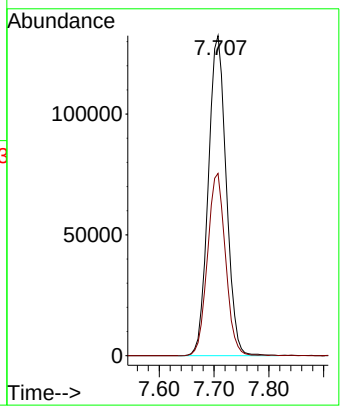


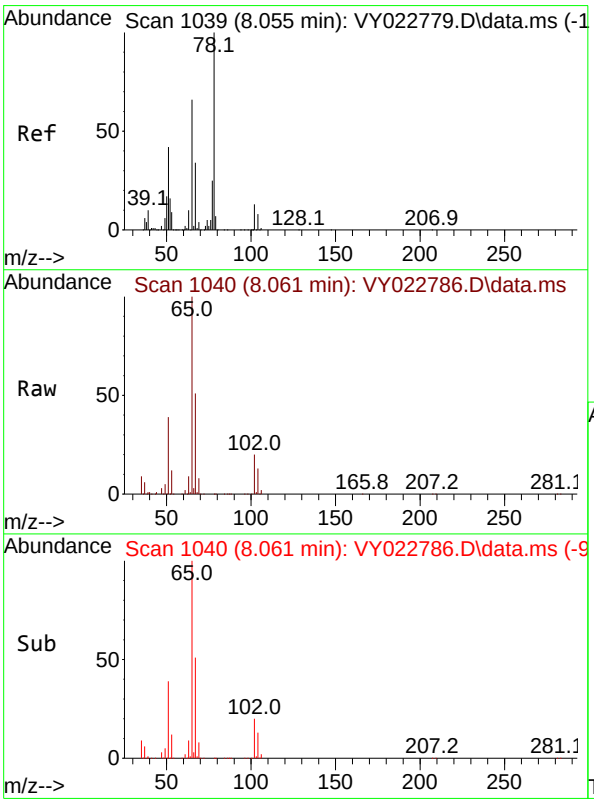
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:168 Resp: 300507

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.3	66.5

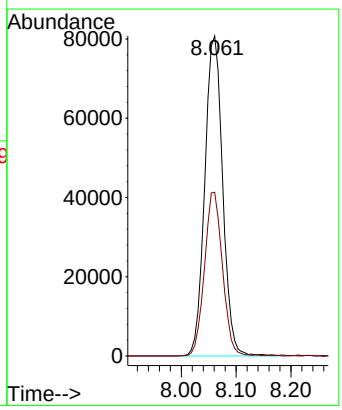


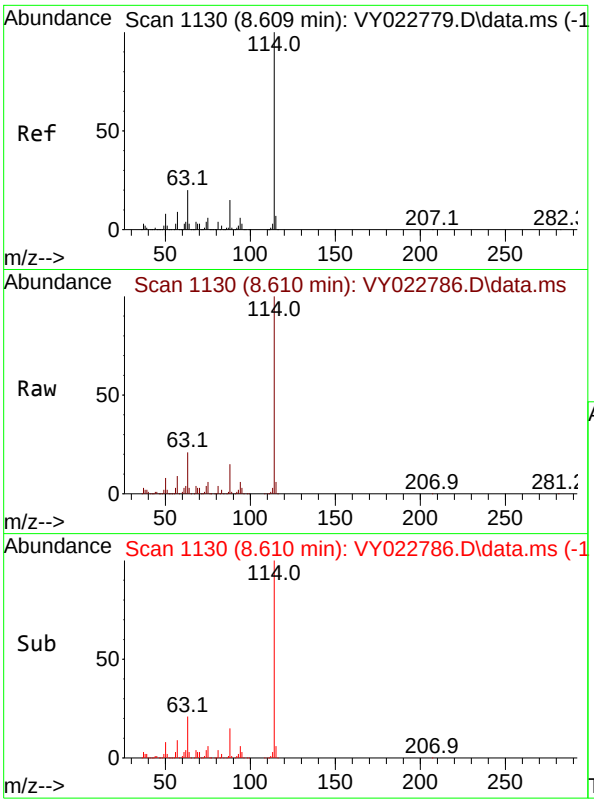


#33
1,2-Dichloroethane-d4
Concen: 54.505 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 65 Resp: 182809

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4



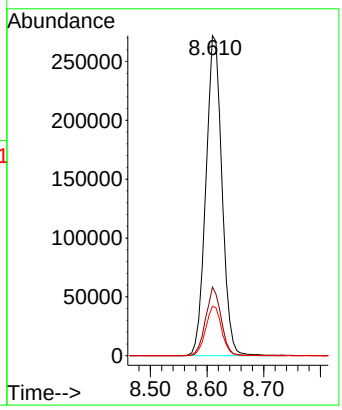


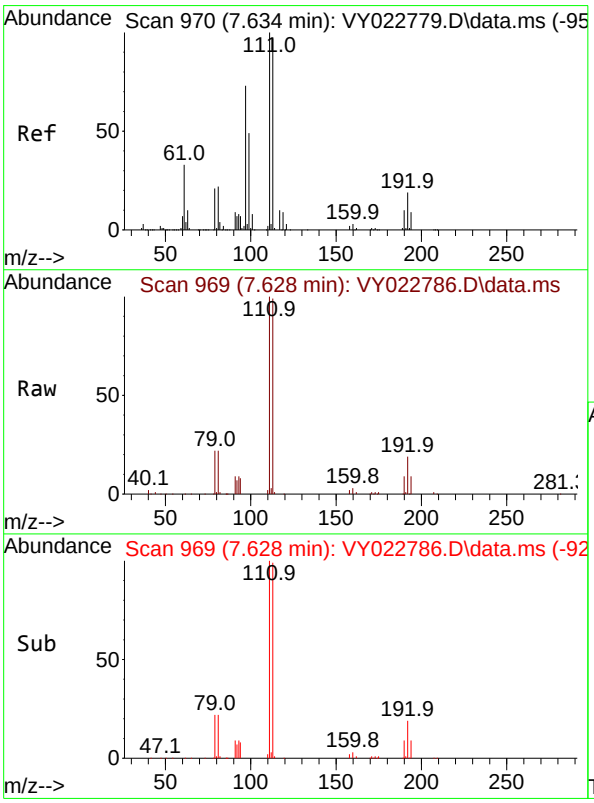
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:114 Resp: 535641

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	15.4	0.0	27.8

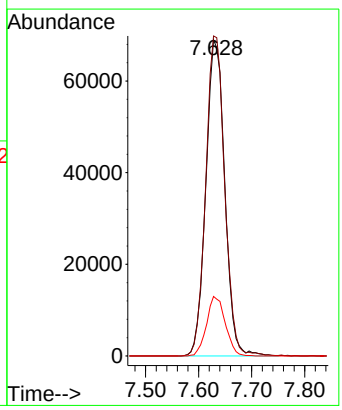


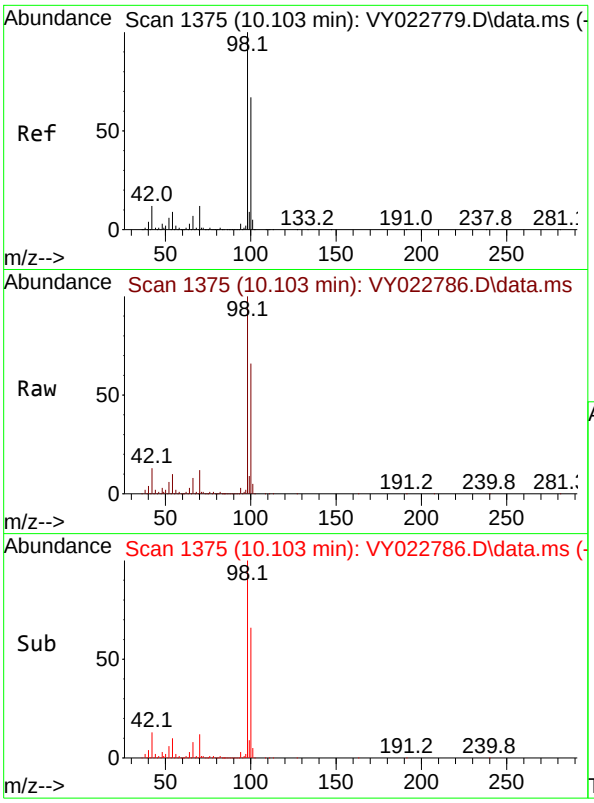


#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:113 Resp: 170594

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	18.7	14.2	21.2



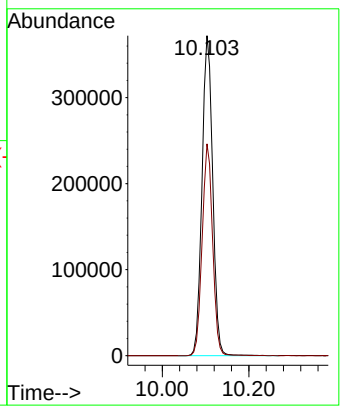


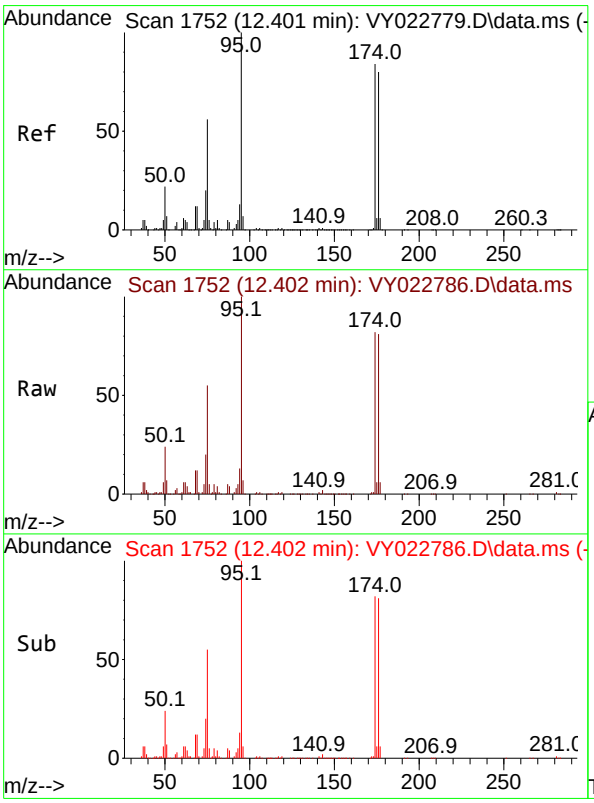
#50
Toluene-d8
Concen: 49.179 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion: 98 Resp: 635701

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0

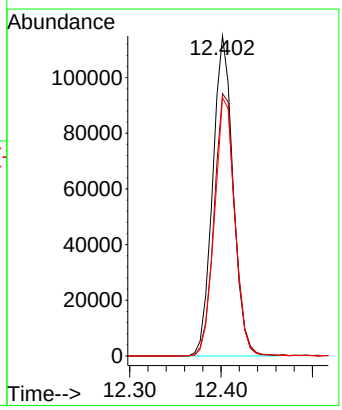


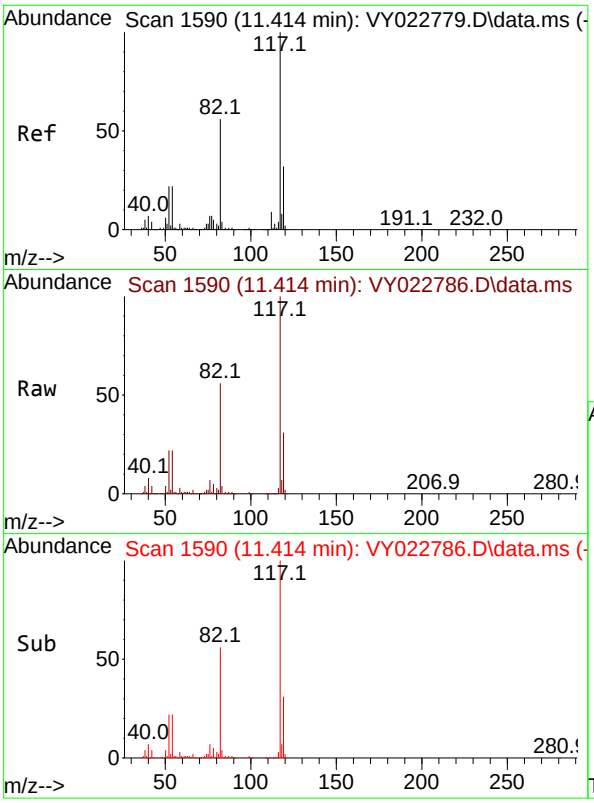


#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 95 Resp: 177906

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	170.0
176	80.6	0.0	166.2



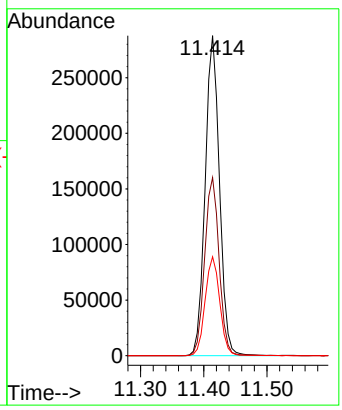


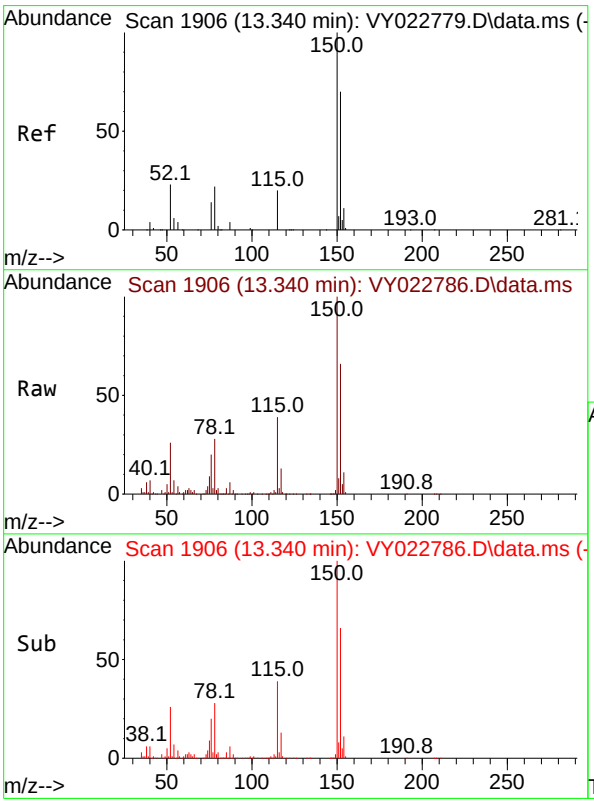
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:117 Resp: 452693

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	30.9	25.4	38.0

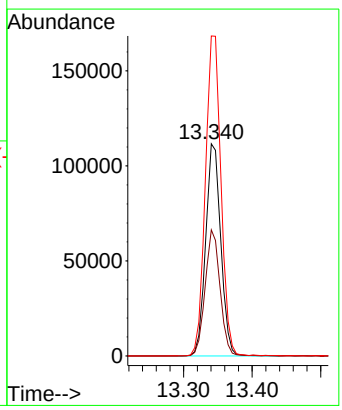




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:152 Resp: 171409

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.9	86.7
150	155.7	0.0	349.6



Sample Results: **VY022786.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	60	rBV5	10406	24062	1.41%	0.279%
2	4.610	463	474	481	rBV3	13772	39856	2.34%	0.462%
3	5.641	633	643	651	rBV5	12228	37602	2.21%	0.436%
4	7.628	959	969	975	rBV	232756	565797	33.23%	6.562%
5	7.707	975	982	996	rVB	396496	915491	53.77%	10.617%
6	8.061	1029	1040	1050	rBV2	234440	523664	30.75%	6.073%
7	8.610	1122	1130	1149	rBV	648287	1282735	75.33%	14.877%
8	10.103	1365	1375	1383	rBV	1000922	1702759	100.00%	19.748%
9	11.414	1582	1590	1603	rBV	899440	1441043	84.63%	16.713%
10	12.402	1744	1752	1762	rBV	612077	966073	56.74%	11.204%
11	13.340	1900	1906	1918	rVB	704619	1087428	63.86%	12.611%
12	13.883	1989	1995	2002	rBV3	21846	36006	2.11%	0.418%

Sum of corrected areas: 8622516

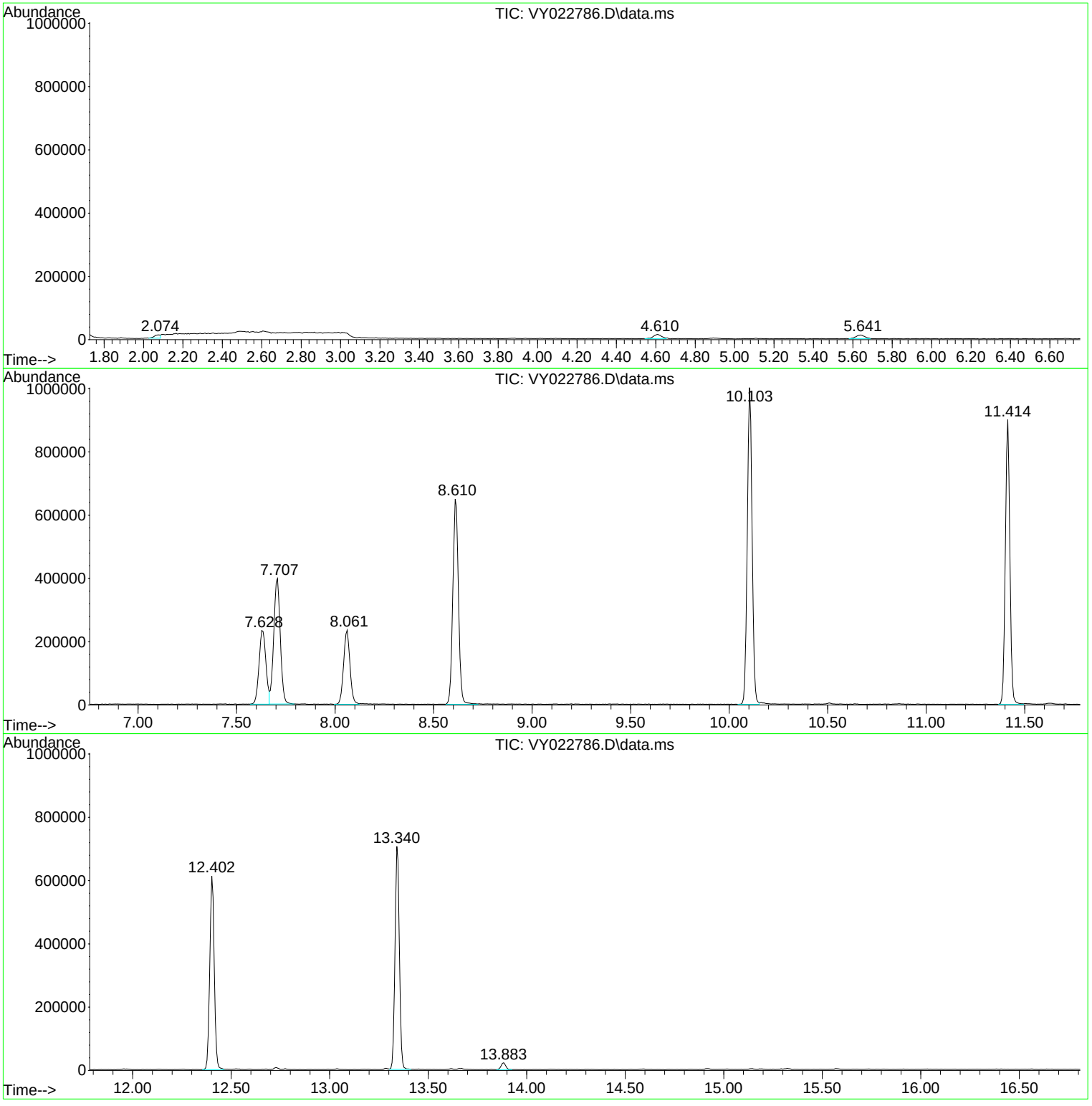
Sample Results: **VY022786.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VY022786.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

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

Raw Data: **VN087138.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087138.D	1		06/20/25 14:48	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2000		110	500	ug/Kg
74-87-3	Chloromethane	1600		110	500	ug/Kg
75-01-4	Vinyl Chloride	2100		79.0	500	ug/Kg
74-83-9	Bromomethane	2100		110	500	ug/Kg
75-00-3	Chloroethane	1900		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	1800		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2100		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	2100		100	500	ug/Kg
67-64-1	Acetone	7900		470	2500	ug/Kg
75-15-0	Carbon Disulfide	2100		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1900		73.0	500	ug/Kg
79-20-9	Methyl Acetate	1600		150	500	ug/Kg
75-09-2	Methylene Chloride	1900		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2000		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	2000		80.0	500	ug/Kg
110-82-7	Cyclohexane	1700		79.0	500	ug/Kg
78-93-3	2-Butanone	7200		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	1900		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1800		75.0	500	ug/Kg
74-97-5	Bromochloromethane	1700		120	500	ug/Kg
67-66-3	Chloroform	1800		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	1900		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1600		91.0	500	ug/Kg
71-43-2	Benzene	1900		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	1800		79.0	500	ug/Kg
79-01-6	Trichloroethene	2000		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	1800		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	2000		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8500		360	2500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087138.D	1		06/20/25 14:48	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1700		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1800		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	2000		92.0	500	ug/Kg
591-78-6	2-Hexanone	7200		370	2500	ug/Kg
124-48-1	Dibromochloromethane	2000		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2000		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	1600		110	500	ug/Kg
108-90-7	Chlorobenzene	1800		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	1600		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	3400		120	1000	ug/Kg
95-47-6	o-Xylene	1800		82.0	500	ug/Kg
100-42-5	Styrene	1800		71.0	500	ug/Kg
75-25-2	Bromoform	1800		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	1700		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1700		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1600		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1500		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.1		70 (63) - 130 (155)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		70 (70) - 130 (134)	109%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (17) - 130 (146)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	158000	8.23			
540-36-3	1,4-Difluorobenzene	277000	9.106			
3114-55-4	Chlorobenzene-d5	262000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.788			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087138.D	1		06/20/25 14:48	VN062025

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_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	157684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	97419	46.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.280%			
35) Dibromofluoromethane	8.171	113	88968	54.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.560%			
50) Toluene-d8	10.565	98	343777	52.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.847	95	122657	50.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	31222	19.859	ug/l	99
3) Chloromethane	2.401	50	33279	16.392	ug/l	99
4) Vinyl Chloride	2.554	62	43027	20.545	ug/l	100
5) Bromomethane	3.001	94	24709	21.083	ug/l	95
6) Chloroethane	3.159	64	25441	18.806	ug/l	94
7) Trichlorofluoromethane	3.530	101	49764	18.187	ug/l	97
8) Diethyl Ether	3.983	74	23946	20.086	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.401	101	35481	20.639	ug/l	99
10) Methyl Iodide	4.618	142	22700	10.186	ug/l #	96
11) Tert butyl alcohol	5.530	59	43413	75.783	ug/l	99
12) 1,1-Dichloroethene	4.371	96	36142	20.593	ug/l	95
13) Acrolein	4.206	56	20508	113.098	ug/l	97
14) Allyl chloride	5.053	41	51049	17.539	ug/l	96
15) Acrylonitrile	5.736	53	119401	89.174	ug/l	100
16) Acetone	4.448	43	88730	79.252	ug/l	99
17) Carbon Disulfide	4.736	76	100527	20.707	ug/l	96
18) Methyl Acetate	5.048	43	51748	15.861	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	122752	19.317	ug/l	99
20) Methylene Chloride	5.300	84	40366	19.258	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	38358	19.644	ug/l	93
22) Diisopropyl ether	6.689	45	107809	17.571	ug/l	98
23) Vinyl Acetate	6.618	43	481515	92.888	ug/l	99
24) 1,1-Dichloroethane	6.583	63	70183	19.877	ug/l	99
25) 2-Butanone	7.489	43	131081	72.028	ug/l	98
26) 2,2-Dichloropropane	7.500	77	52481	19.108	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	42331	18.127	ug/l	98
28) Bromochloromethane	7.824	49	30092	17.334	ug/l	95
29) Tetrahydrofuran	7.847	42	88659	74.785	ug/l	96
30) Chloroform	7.971	83	62338	17.679	ug/l	97
31) Cyclohexane	8.265	56	57067	16.666	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	56031	18.683	ug/l	95
36) 1,1-Dichloropropene	8.377	75	46242	18.932	ug/l	98
37) Ethyl Acetate	7.565	43	52272	16.811	ug/l	96
38) Carbon Tetrachloride	8.365	117	46082	19.217	ug/l	99
39) Methylcyclohexane	9.600	83	52917	15.813	ug/l	98
40) Benzene	8.612	78	150830	18.884	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	27760	15.897	ug/l		95
42) 1,2-Dichloroethane	8.671	62	44728	18.463	ug/l		100
43) Isopropyl Acetate	8.688	43	78108	15.651	ug/l		96
44) Trichloroethene	9.353	130	37089	19.584	ug/l		98
45) 1,2-Dichloropropane	9.624	63	35297	18.165	ug/l		100
46) Dibromomethane	9.712	93	24035	18.622	ug/l		98
47) Bromodichloromethane	9.888	83	52466	19.757	ug/l		99
48) Methyl methacrylate	9.683	41	35273	15.357	ug/l		94
49) 1,4-Dioxane	9.694	88	12050	288.372	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	256020	85.218	ug/l		98
52) Toluene	10.630	92	96538	19.778	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	50673	17.065	ug/l		96
54) cis-1,3-Dichloropropene	10.312	75	57203	18.004	ug/l		94
55) 1,1,2-Trichloroethane	11.018	97	36763	19.574	ug/l		97
56) Ethyl methacrylate	10.882	69	53259	17.804	ug/l		95
57) 1,3-Dichloropropane	11.165	76	64005	19.645	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	164903	92.421	ug/l		99
59) 2-Hexanone	11.206	43	138913	71.783	ug/l		92
60) Dibromochloromethane	11.359	129	39062	19.962	ug/l		99
61) 1,2-Dibromoethane	11.465	107	37827	19.649	ug/l		99
64) Tetrachloroethene	11.100	164	27137	16.389	ug/l		98
65) Chlorobenzene	11.888	112	102726	17.802	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	29389	15.844	ug/l		97
67) Ethyl Benzene	11.959	91	154262	15.520	ug/l		99
68) m/p-Xylenes	12.071	106	129805	34.115	ug/l		98
69) o-Xylene	12.394	106	65487	17.971	ug/l		94
70) Styrene	12.412	104	111151	17.825	ug/l		98
71) Bromoform	12.576	173	25400	18.481	ug/l	#	100
73) Isopropylbenzene	12.694	105	165177	16.567	ug/l		99
74) N-amyl acetate	12.541	43	56328m	16.167	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	59046	17.481	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	55372m	17.021	ug/l		
77) Bromobenzene	12.976	156	41227	18.030	ug/l		97
78) n-propylbenzene	13.035	91	202880	16.744	ug/l		100
79) 2-Chlorotoluene	13.123	91	122858	16.907	ug/l		97
80) 1,3,5-Trimethylbenzene	13.171	105	142152	17.269	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	21196	14.998	ug/l		96
82) 4-Chlorotoluene	13.218	91	120652	16.410	ug/l		99
83) tert-Butylbenzene	13.435	119	117298	15.567	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	138439	16.771	ug/l		99
85) sec-Butylbenzene	13.612	105	168796	15.425	ug/l		99
86) p-Isopropyltoluene	13.723	119	141027	15.591	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	82382	18.312	ug/l		98
88) 1,4-Dichlorobenzene	13.806	146	83902	18.293	ug/l		99
89) n-Butylbenzene	14.053	91	129215	14.748	ug/l		98
90) Hexachloroethane	14.329	117	26223	17.103	ug/l		93
91) 1,2-Dichlorobenzene	14.100	146	79370	18.364	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13277	16.436	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	42757	15.492	ug/l		96
94) Hexachlorobutadiene	15.494	225	12637	12.290	ug/l		95
95) Naphthalene	15.635	128	163050	15.872	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	41187	15.020	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

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

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

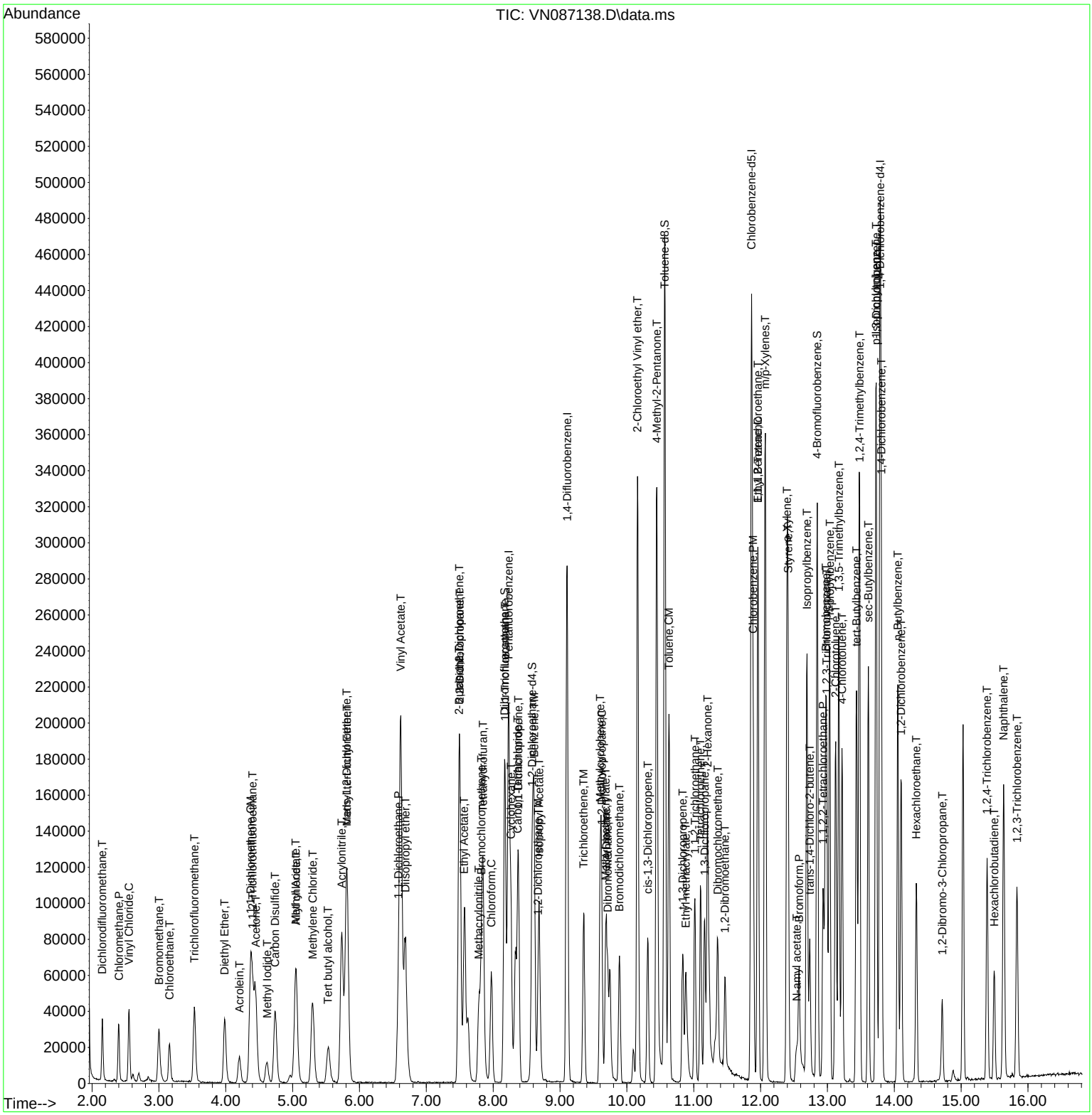
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



Raw Data: **VN087125.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620WBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087125.D	1		06/20/25 10:06	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.6		0.22	1.00	ug/L
74-87-3	Chloromethane	15.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	1.00	ug/L
74-83-9	Bromomethane	19.3		1.40	5.00	ug/L
75-00-3	Chloroethane	18.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	74.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.9		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	13.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.0		1.50	5.00	ug/L
78-93-3	2-Butanone	73.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	15.4		0.22	1.00	ug/L
67-66-3	Chloroform	17.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	15.5		0.16	1.00	ug/L
71-43-2	Benzene	18.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.6		0.68	5.00	ug/L
108-88-3	Toluene	18.5		0.14	1.00	ug/L

Raw Data: **VN087125.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620WBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087125.D	1		06/20/25 10:06	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	71.9		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.0		0.12	1.00	ug/L
100-42-5	Styrene	18.0		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	14.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	15.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	14.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	176000	8.229			
540-36-3	1,4-Difluorobenzene	309000	9.106			
3114-55-4	Chlorobenzene-d5	276000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	140000	13.788			

Raw Data: **VN087125.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620WBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087125.D	1		06/20/25 10:06	VN062025

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_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone

06/23/2025
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	175525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111494	47.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.880%			
35) Dibromofluoromethane	8.171	113	96700	52.747	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.565	98	355225	48.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.847	95	136582	50.654	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	30859	17.633	ug/l	100
3) Chloromethane	2.395	50	34603	15.312	ug/l	95
4) Vinyl Chloride	2.553	62	42994	18.443	ug/l	99
5) Bromomethane	3.000	94	25149	19.277	ug/l	97
6) Chloroethane	3.159	64	27956	18.565	ug/l	100
7) Trichlorofluoromethane	3.536	101	55203	18.124	ug/l	100
8) Diethyl Ether	3.983	74	23264	17.530	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.406	101	35934	18.778	ug/l	98
10) Methyl Iodide	4.612	142	24782	9.990	ug/l #	97
11) Tert butyl alcohol	5.524	59	45018	70.597	ug/l	100
12) 1,1-Dichloroethene	4.371	96	35917	18.385	ug/l	97
13) Acrolein	4.200	56	21752	107.765	ug/l	100
14) Allyl chloride	5.047	41	51986	16.045	ug/l	95
15) Acrylonitrile	5.736	53	118578	79.558	ug/l	100
16) Acetone	4.441	43	92348	74.100	ug/l	95
17) Carbon Disulfide	4.741	76	101940	18.864	ug/l	97
18) Methyl Acetate	5.047	43	50085	13.791	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	121025	17.109	ug/l	100
20) Methylene Chloride	5.300	84	40748	17.464	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	37858	17.417	ug/l	98
22) Diisopropyl ether	6.683	45	112953	16.539	ug/l	95
23) Vinyl Acetate	6.618	43	484866	84.028	ug/l	98
24) 1,1-Dichloroethane	6.583	63	70548	17.950	ug/l	99
25) 2-Butanone	7.494	43	148626	73.368	ug/l	93
26) 2,2-Dichloropropane	7.500	77	61766	20.203	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	46293	17.808	ug/l	99
28) Bromochloromethane	7.818	49	29768	15.404	ug/l	93
29) Tetrahydrofuran	7.847	42	99229	75.194	ug/l	96
30) Chloroform	7.971	83	68661	17.493	ug/l	99
31) Cyclohexane	8.265	56	60904	15.979	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	59190	17.730	ug/l	95
36) 1,1-Dichloropropene	8.377	75	50676	18.551	ug/l	99
37) Ethyl Acetate	7.565	43	58289	16.762	ug/l	99
38) Carbon Tetrachloride	8.371	117	50681	18.897	ug/l	97
39) Methylcyclohexane	9.606	83	57910	15.473	ug/l	98
40) Benzene	8.612	78	162046	18.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone

06/23/2025
Supervised By :Mahesh Dadoda

06/23/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30884	15.813 ug/l	95
42) 1,2-Dichloroethane	8.671	62	48988	18.080 ug/l	99
43) Isopropyl Acetate	8.688	43	89202	15.982 ug/l	96
44) Trichloroethene	9.359	130	39731	18.757 ug/l	92
45) 1,2-Dichloropropane	9.623	63	39587	18.215 ug/l	99
46) Dibromomethane	9.706	93	27680	19.175 ug/l	97
47) Bromodichloromethane	9.888	83	54153	18.233 ug/l	100
48) Methyl methacrylate	9.682	41	39652	15.435 ug/l	93
49) 1,4-Dioxane	9.706	88	14722	315.010 ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	274071	81.566 ug/l	99
52) Toluene	10.629	92	100814	18.467 ug/l	100
53) t-1,3-Dichloropropene	10.835	75	60478	18.211 ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	65112	18.324 ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	39117	18.622 ug/l	98
56) Ethyl methacrylate	10.882	69	56904	17.008 ug/l	96
57) 1,3-Dichloropropane	11.159	76	66495	18.248 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	186921	93.668 ug/l	98
59) 2-Hexanone	11.206	43	155665	71.922 ug/l	97
60) Dibromochloromethane	11.359	129	41541	18.981 ug/l	100
61) 1,2-Dibromoethane	11.470	107	38593	17.925 ug/l	100
64) Tetrachloroethene	11.106	164	31373	17.938 ug/l	95
65) Chlorobenzene	11.888	112	111752	18.335 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	36027	18.388 ug/l	98
67) Ethyl Benzene	11.965	91	182457	17.379 ug/l	99
68) m/p-Xylenes	12.070	106	145543	36.215 ug/l	98
69) o-Xylene	12.394	106	69256	17.993 ug/l	96
70) Styrene	12.412	104	118347	17.968 ug/l	99
71) Bromoform	12.576	173	27315	18.816 ug/l #	99
73) Isopropylbenzene	12.694	105	174431	17.129 ug/l	100
74) N-amyl acetate	12.535	43	57304m	16.103 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	60134	17.430 ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	57810m	17.398 ug/l	
77) Bromobenzene	12.976	156	41900	17.941 ug/l	97
78) n-propylbenzene	13.029	91	205013	16.566 ug/l	99
79) 2-Chlorotoluene	13.123	91	123820	16.683 ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	143011	17.009 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23961	16.600 ug/l #	90
82) 4-Chlorotoluene	13.217	91	129411	17.233 ug/l	99
83) tert-Butylbenzene	13.435	119	120615	15.672 ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	142065	16.850 ug/l	100
85) sec-Butylbenzene	13.611	105	172448	15.429 ug/l	99
86) p-Isopropyltoluene	13.723	119	144541	15.645 ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82764	18.012 ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	83417	17.806 ug/l	98
89) n-Butylbenzene	14.053	91	127349	14.231 ug/l	100
90) Hexachloroethane	14.329	117	26252	16.763 ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	77812	17.626 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12270	14.871 ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	42639	15.126 ug/l	99
94) Hexachlorobutadiene	15.494	225	11909	11.339 ug/l	98
95) Naphthalene	15.635	128	159170	15.170 ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41264	14.733 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone

06/23/2025

Supervised By :Mahesh Dadoda

06/23/2025

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

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

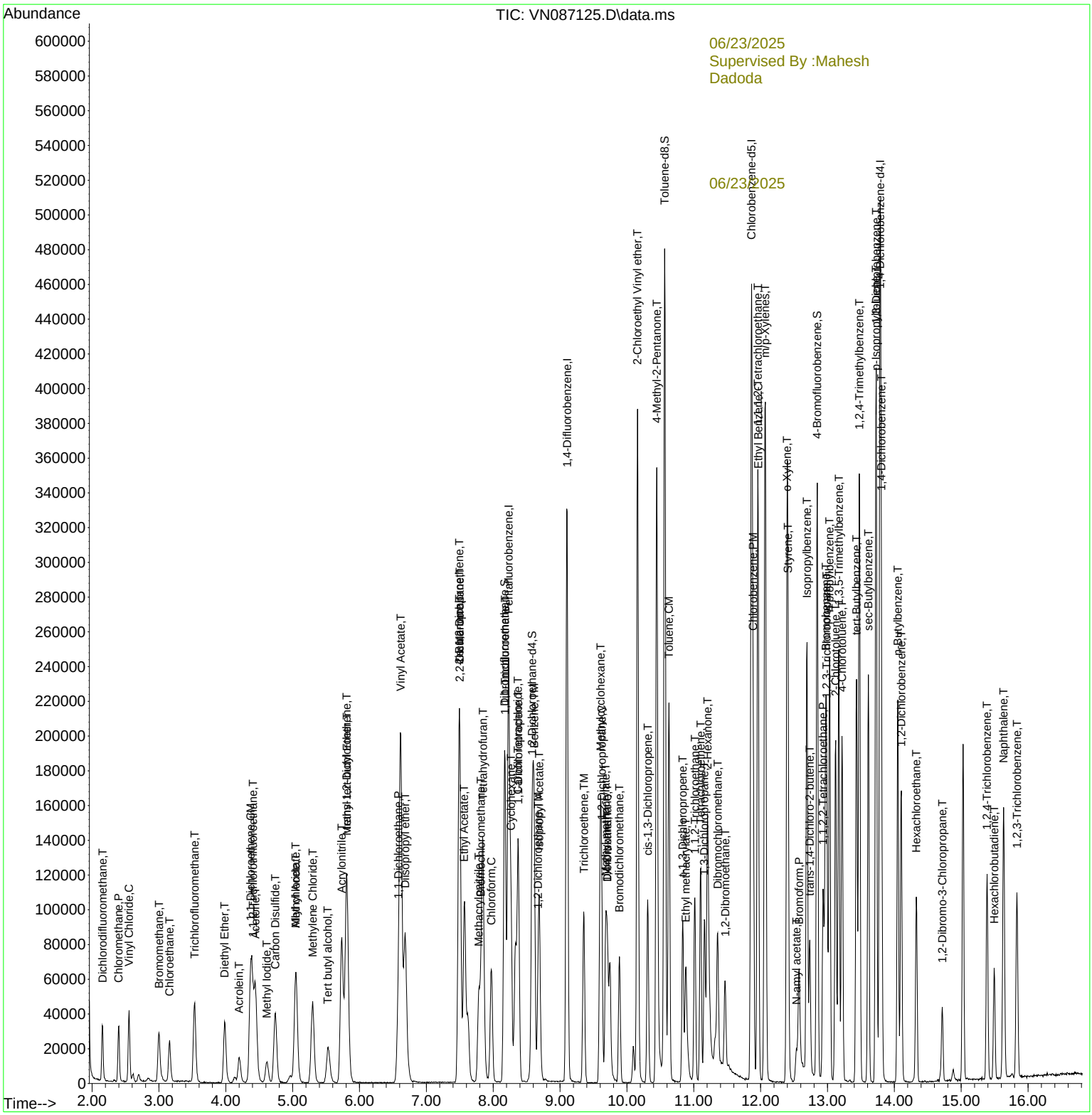
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone



Raw Data: **VX046762.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	21.2		1.40	5.00	ug/L
75-00-3	Chloroethane	19.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	1.00	ug/L
67-64-1	Acetone	74.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	16.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	78.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.6		0.68	5.00	ug/L
108-88-3	Toluene	19.0		0.14	1.00	ug/L

Raw Data: **VX046762.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	78.9		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.6		0.12	1.00	ug/L
100-42-5	Styrene	18.3		0.15	1.00	ug/L
75-25-2	Bromoform	16.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	138000	5.562			
540-36-3	1,4-Difluorobenzene	227000	6.769			
3114-55-4	Chlorobenzene-d5	207000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	105000	12.018			

Raw Data: **VX046762.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

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\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94946	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.520%			
35) Dibromofluoromethane	5.397	113	78196	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	282602	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	108869	54.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	28069	19.060	ug/l	97
3) Chloromethane	1.307	50	29736	18.707	ug/l	99
4) Vinyl Chloride	1.386	62	32033	18.898	ug/l	93
5) Bromomethane	1.630	94	20191	21.172	ug/l	93
6) Chloroethane	1.709	64	20468	19.923	ug/l	98
7) Trichlorofluoromethane	1.910	101	47476	18.446	ug/l	99
8) Diethyl Ether	2.148	74	16252	18.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	29254	18.528	ug/l	99
10) Methyl Iodide	2.471	142	29614	18.018	ug/l	99
11) Tert butyl alcohol	2.959	59	10810	63.126	ug/l	97
12) 1,1-Dichloroethene	2.337	96	28292	18.570	ug/l	97
13) Acrolein	2.251	56	18186	72.910	ug/l	98
14) Allyl chloride	2.684	41	49324	17.868	ug/l	99
15) Acrylonitrile	3.075	53	62463	81.119	ug/l	98
16) Acetone	2.386	43	47143	74.096	ug/l	96
17) Carbon Disulfide	2.532	76	78405	17.041	ug/l	98
18) Methyl Acetate	2.715	43	25862	16.004	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	80635	16.997	ug/l	98
20) Methylene Chloride	2.806	84	32048	18.113	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	29757	18.253	ug/l	99
22) Diisopropyl ether	3.769	45	100392	18.921	ug/l	94
23) Vinyl Acetate	3.733	43	365712	86.676	ug/l	100
24) 1,1-Dichloroethane	3.623	63	55663	18.477	ug/l	99
25) 2-Butanone	4.568	43	70964m	78.864	ug/l	
26) 2,2-Dichloropropane	4.489	77	39442	17.951	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	35547	18.560	ug/l	98
28) Bromochloromethane	4.910	49	28430	20.816	ug/l	99
29) Tetrahydrofuran	5.013	42	44591	76.721	ug/l	99
30) Chloroform	5.105	83	57187	18.982	ug/l	93
31) Cyclohexane	5.483	56	53811	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	46675	17.665	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40684	18.754	ug/l	99
37) Ethyl Acetate	4.727	43	31829	15.895	ug/l	98
38) Carbon Tetrachloride	5.690	117	42451	18.031	ug/l	99
39) Methylcyclohexane	7.385	83	52931	18.541	ug/l	99
40) Benzene	6.050	78	121111	18.864	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17227	16.137	ug/l		99
42) 1,2-Dichloroethane	6.092	62	41780	18.518	ug/l		100
43) Isopropyl Acetate	6.348	43	51032	16.286	ug/l		99
44) Trichloroethene	7.135	130	30093	18.392	ug/l		99
45) 1,2-Dichloropropane	7.433	63	29323	18.429	ug/l		95
46) Dibromomethane	7.592	93	20791	18.181	ug/l		99
47) Bromodichloromethane	7.824	83	44034	18.870	ug/l		99
48) Methyl methacrylate	7.696	41	25618	16.301	ug/l		98
49) 1,4-Dioxane	7.659	88	6374	299.149	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	152568	81.636	ug/l		98
52) Toluene	8.720	92	75814	19.048	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	38942	17.985	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	44663	18.171	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	27505	18.544	ug/l		99
56) Ethyl methacrylate	9.116	69	37095	16.942	ug/l		98
57) 1,3-Dichloropropane	9.311	76	47213	18.484	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	101869	89.565	ug/l		99
59) 2-Hexanone	9.427	43	101986	78.935	ug/l		100
60) Dibromochloromethane	9.518	129	32154	18.395	ug/l		100
61) 1,2-Dibromoethane	9.610	107	27221	18.042	ug/l		100
64) Tetrachloroethene	9.275	164	25376	17.655	ug/l		95
65) Chlorobenzene	10.079	112	82392	17.991	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27463	17.843	ug/l		98
67) Ethyl Benzene	10.195	91	144047	18.002	ug/l		97
68) m/p-Xylenes	10.299	106	111044	37.244	ug/l		100
69) o-Xylene	10.640	106	51894	18.572	ug/l		98
70) Styrene	10.652	104	89289	18.260	ug/l		99
71) Bromoform	10.799	173	19576	16.701	ug/l	#	98
73) Isopropylbenzene	10.957	105	139510	18.100	ug/l		99
74) N-amyl acetate	10.841	43	46412	15.893	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.337	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29393m	15.335	ug/l		
77) Bromobenzene	11.195	156	33896	18.275	ug/l		99
78) n-propylbenzene	11.299	91	168589	18.415	ug/l		99
79) 2-Chlorotoluene	11.360	91	99687	18.238	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	115409	18.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	10102	14.897	ug/l		96
82) 4-Chlorotoluene	11.451	91	116713	18.296	ug/l		99
83) tert-Butylbenzene	11.713	119	118027	18.027	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	116817	18.357	ug/l		99
85) sec-Butylbenzene	11.890	105	153043	18.496	ug/l		100
86) p-Isopropyltoluene	12.006	119	127841	18.312	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	64330	17.788	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	64856	17.460	ug/l		99
89) n-Butylbenzene	12.329	91	118756	17.915	ug/l		100
90) Hexachloroethane	12.536	117	20652	16.893	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	61156	18.096	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6425	15.122	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	41109	17.110	ug/l		98
94) Hexachlorobutadiene	13.719	225	17833	17.644	ug/l		96
95) Naphthalene	13.774	128	110507	16.144	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	40546	17.639	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

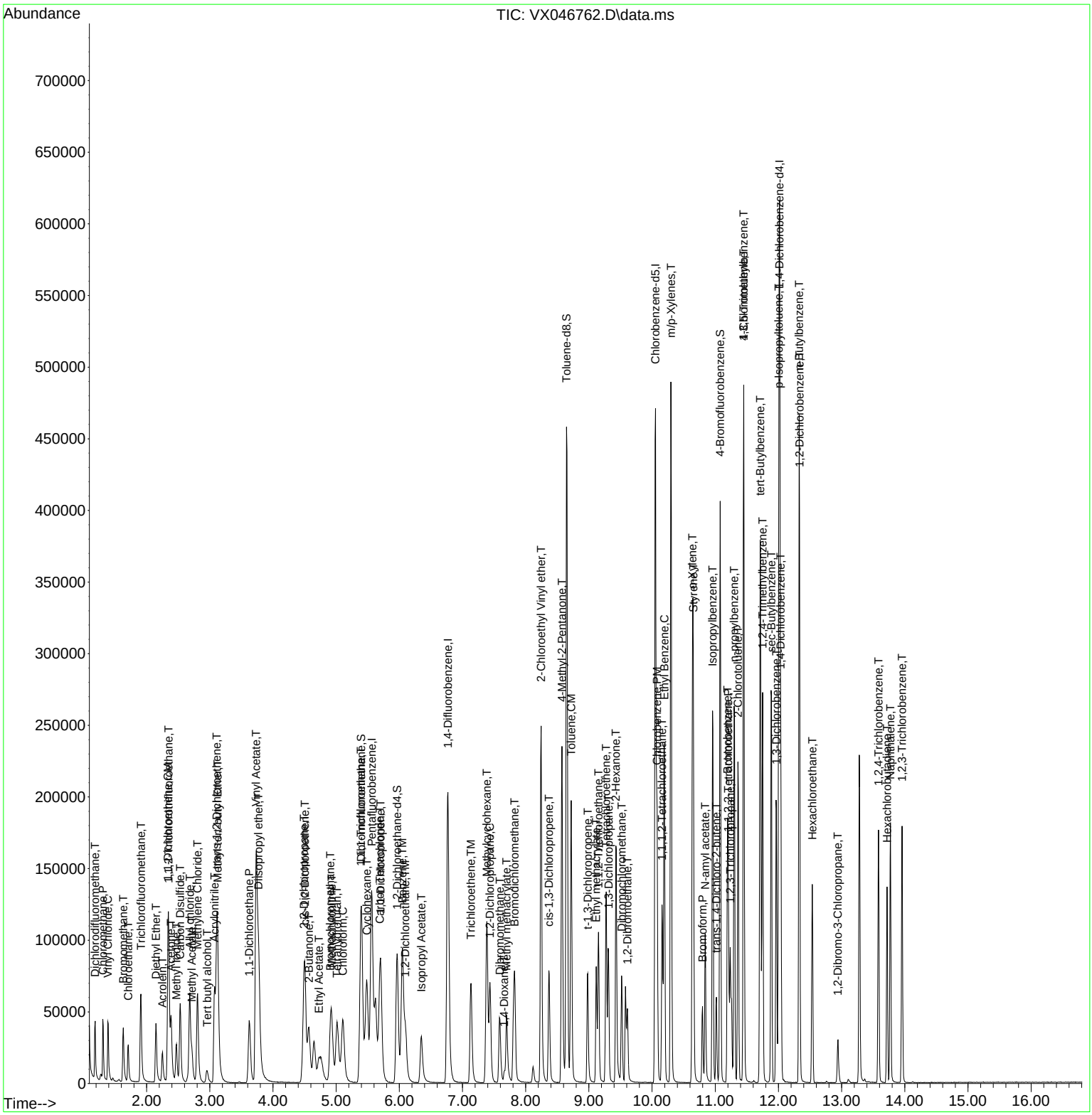
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



Raw Data: **VY022787.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBS01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022787.D	1		06/24/25 10:58	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.3		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.1		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	18.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.1		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.9		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.1		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	19.8		0.78	5.00	ug/Kg

Raw Data: **VY022787.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBS01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022787.D	1		06/24/25 10:58	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.6		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.2		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	98.6		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	18.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.5		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.8		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.4		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.1		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		70 (17) - 130 (146)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	7.701			
540-36-3	1,4-Difluorobenzene	766000	8.61			
3114-55-4	Chlorobenzene-d5	658000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	312000	13.34			

Raw Data: **VY022787.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBS01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022787.D	1		06/24/25 10:58	VY062425

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_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	456381	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	765818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	658494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	311846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	258457	50.741	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.480%			
35) Dibromofluoromethane	7.628	113	237954	51.092	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.103	98	937358	50.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.402	95	288353	48.536	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	80681	20.674	ug/l	98
3) Chloromethane	2.068	50	151870	20.380	ug/l	99
4) Vinyl Chloride	2.202	62	189178	20.320	ug/l	99
5) Bromomethane	2.586	94	156887	21.435	ug/l	97
6) Chloroethane	2.726	64	126812	20.264	ug/l	95
7) Trichlorofluoromethane	3.043	101	207987	20.176	ug/l	96
8) Diethyl Ether	3.452	74	51539	20.242	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	96792	20.546	ug/l	98
10) Methyl Iodide	4.001	142	89629	17.474	ug/l	100
11) Tert butyl alcohol	4.866	59	33635	99.308	ug/l	97
12) 1,1-Dichloroethene	3.781	96	92667	20.060	ug/l	95
13) Acrolein	3.647	56	47424	103.260	ug/l	95
14) Allyl chloride	4.379	41	146217	20.579	ug/l	93
15) Acrylonitrile	5.055	53	107474	101.169	ug/l	99
16) Acetone	3.873	43	99768	103.629	ug/l	99
17) Carbon Disulfide	4.104	76	305830	20.494	ug/l	98
18) Methyl Acetate	4.379	43	59655	18.711	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	252967	20.111	ug/l	96
20) Methylene Chloride	4.610	84	110970	18.252	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	106564	20.184	ug/l	94
22) Diisopropyl ether	6.012	45	321027	20.345	ug/l	96
23) Vinyl Acetate	5.958	43	906576	104.027	ug/l	100
24) 1,1-Dichloroethane	5.909	63	195430	20.504	ug/l	99
25) 2-Butanone	6.890	43	143746	102.588	ug/l	99
26) 2,2-Dichloropropane	6.884	77	164624	20.605	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	122077	19.899	ug/l	98
28) Bromochloromethane	7.238	49	82032	20.472	ug/l	95
29) Tetrahydrofuran	7.256	42	89736	101.422	ug/l	98
30) Chloroform	7.415	83	194987	19.863	ug/l	97
31) Cyclohexane	7.701	56	175827	20.097	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	173928	20.502	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143801	20.370	ug/l	100
37) Ethyl Acetate	6.982	43	63401	20.813	ug/l	98
38) Carbon Tetrachloride	7.817	117	148557	19.944	ug/l	96
39) Methylcyclohexane	9.103	83	183335	20.068	ug/l	97
40) Benzene	8.079	78	436818	20.126	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	34505	18.399	ug/l		95
42) 1,2-Dichloroethane	8.158	62	119482	20.089	ug/l		99
43) Isopropyl Acetate	8.195	43	126183	19.930	ug/l		99
44) Trichloroethene	8.859	130	108598	19.929	ug/l		96
45) 1,2-Dichloropropane	9.140	63	102981	20.273	ug/l		97
46) Dibromomethane	9.225	93	57676	20.001	ug/l		95
47) Bromodichloromethane	9.420	83	152012	20.443	ug/l		97
48) Methyl methacrylate	9.219	41	59051	19.401	ug/l		93
49) 1,4-Dioxane	9.225	88	13754	403.709	ug/l		99
51) 4-Methyl-2-Pentanone	9.993	43	326652	101.528	ug/l		97
52) Toluene	10.164	92	270533	19.757	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	131291	19.624	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	156954	20.233	ug/l		95
55) 1,1,2-Trichloroethane	10.566	97	75639	20.257	ug/l		98
56) Ethyl methacrylate	10.438	69	96651	19.239	ug/l		97
57) 1,3-Dichloropropane	10.713	76	130811	20.079	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	237217	99.871	ug/l		98
59) 2-Hexanone	10.755	43	215777	98.645	ug/l		98
60) Dibromochloromethane	10.908	129	94732	19.641	ug/l		100
61) 1,2-Dibromoethane	11.012	107	69777	19.969	ug/l		97
64) Tetrachloroethene	10.646	164	115603	18.583	ug/l		96
65) Chlorobenzene	11.438	112	285635	19.741	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	94942	19.373	ug/l		99
67) Ethyl Benzene	11.518	91	494938	19.469	ug/l		97
68) m/p-Xylenes	11.627	106	383028	38.976	ug/l		100
69) o-Xylene	11.950	106	176241	19.033	ug/l		96
70) Styrene	11.963	104	296321	19.104	ug/l		100
71) Bromoform	12.127	173	51385	18.830	ug/l	#	98
73) Isopropylbenzene	12.249	105	464061	20.121	ug/l		100
74) N-amyl acetate	12.066	43	105914	20.459	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.499	83	81128	21.826	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	64712m	20.326	ug/l		
77) Bromobenzene	12.523	156	103685	19.834	ug/l		100
78) n-propylbenzene	12.591	91	564023	20.256	ug/l		99
79) 2-Chlorotoluene	12.676	91	314954	20.020	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	370288	19.889	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.298	75	25639	20.346	ug/l		98
82) 4-Chlorotoluene	12.773	91	326505	19.758	ug/l		99
83) tert-Butylbenzene	12.993	119	327400	19.940	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	368212	19.754	ug/l		99
85) sec-Butylbenzene	13.170	105	491676	19.902	ug/l		99
86) p-Isopropyltoluene	13.285	119	405641	19.731	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	206895	19.706	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	203188	19.483	ug/l		99
89) n-Butylbenzene	13.615	91	378895	19.593	ug/l		99
90) Hexachloroethane	13.871	117	83492	20.390	ug/l		96
91) 1,2-Dichlorobenzene	13.651	146	179542	19.405	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12253	19.439	ug/l		95
93) 1,2,4-Trichlorobenzene	14.913	180	99715	19.088	ug/l		99
94) Hexachlorobutadiene	15.017	225	56915	19.267	ug/l		98
95) Naphthalene	15.139	128	173849	18.403	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	85697	18.985	ug/l		98

Sample Results: **VY022787.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

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

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

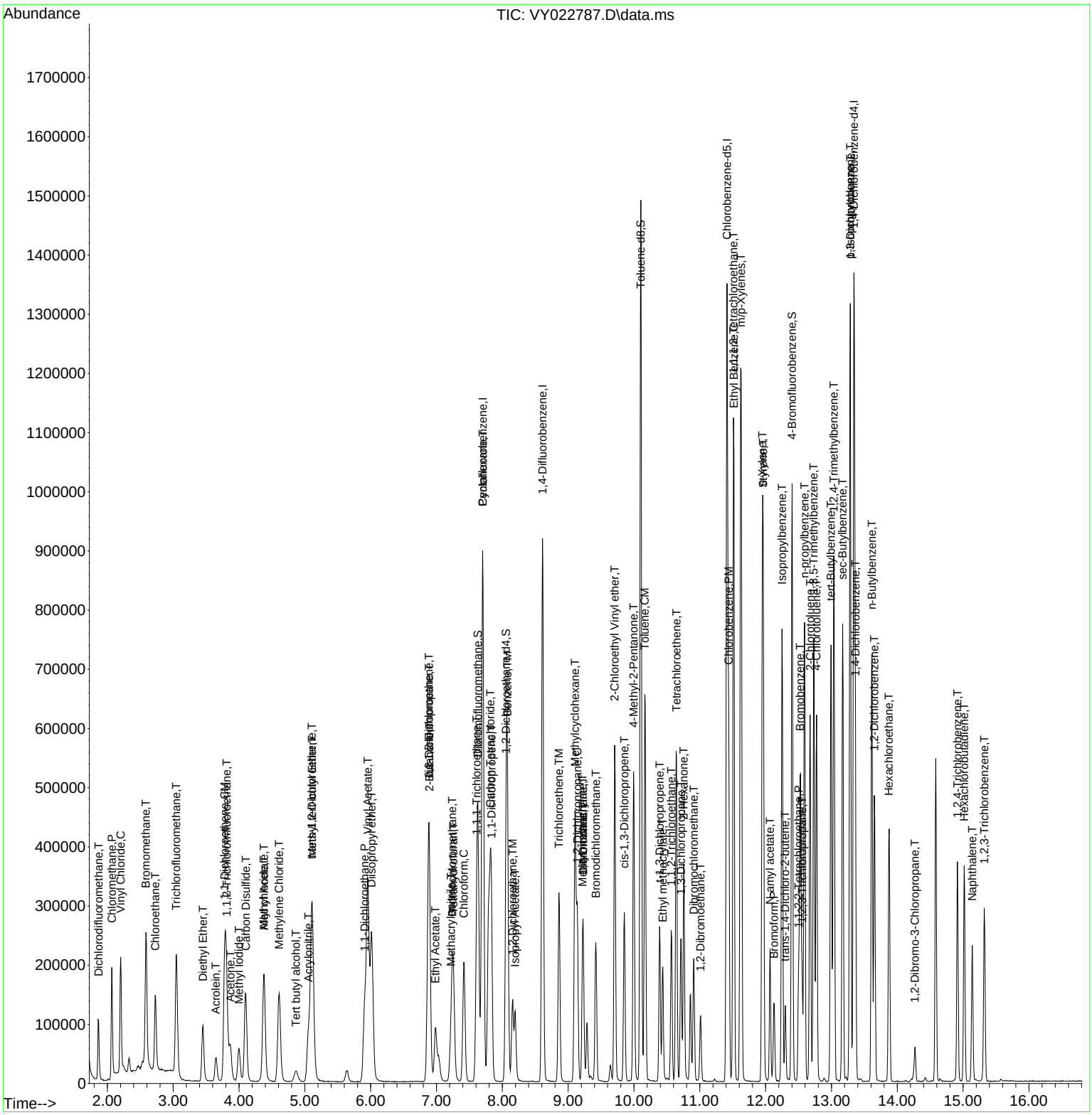
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



Raw Data: **VX046763.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.22	1.00	ug/L
74-87-3	Chloromethane	19.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.7		0.26	1.00	ug/L
74-83-9	Bromomethane	22.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.5		0.23	1.00	ug/L
67-64-1	Acetone	81.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.1		0.22	1.00	ug/L
67-66-3	Chloroform	20.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.16	1.00	ug/L
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		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	91.8		0.68	5.00	ug/L
108-88-3	Toluene	20.3		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.9		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	88.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.8		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.562			
540-36-3	1,4-Difluorobenzene	199000	6.763			
3114-55-4	Chlorobenzene-d5	184000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	94900	12.018			

Raw Data: **VX046763.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

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\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	120371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85794	51.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.060%			
35) Dibromofluoromethane	5.391	113	69686	52.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.647	98	249730	52.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	97074	54.915	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	25471	19.820	ug/l	99
3) Chloromethane	1.307	50	27061	19.509	ug/l	96
4) Vinyl Chloride	1.386	62	29098	19.672	ug/l	95
5) Bromomethane	1.630	94	18436	22.153	ug/l	93
6) Chloroethane	1.703	64	18444	20.573	ug/l	95
7) Trichlorofluoromethane	1.904	101	43435	19.339	ug/l	97
8) Diethyl Ether	2.148	74	15726	20.402	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	27115	19.679	ug/l	98
10) Methyl Iodide	2.465	142	30018	20.229	ug/l	98
11) Tert butyl alcohol	2.959	59	10932	73.154	ug/l	96
12) 1,1-Dichloroethene	2.337	96	25867	19.455	ug/l	98
13) Acrolein	2.245	56	18810	86.416	ug/l	97
14) Allyl chloride	2.678	41	45893	19.051	ug/l	100
15) Acrylonitrile	3.068	53	61358	91.312	ug/l	99
16) Acetone	2.386	43	45269	81.534	ug/l	95
17) Carbon Disulfide	2.526	76	72150	17.970	ug/l	99
18) Methyl Acetate	2.709	43	25035	17.753	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	77256	18.661	ug/l	98
20) Methylene Chloride	2.800	84	29836	19.323	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	27280	19.176	ug/l	97
22) Diisopropyl ether	3.764	45	94092	20.321	ug/l	87
23) Vinyl Acetate	3.733	43	359723	97.697	ug/l	100
24) 1,1-Dichloroethane	3.623	63	50927	19.372	ug/l	100
25) 2-Butanone	4.562	43	68340	87.030	ug/l	97
26) 2,2-Dichloropropane	4.489	77	36206	18.883	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32489	19.438	ug/l	100
28) Bromochloromethane	4.910	49	27522	23.092	ug/l	97
29) Tetrahydrofuran	5.013	42	43894	86.542	ug/l	99
30) Chloroform	5.099	83	53771	20.452	ug/l	97
31) Cyclohexane	5.477	56	49014	19.660	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	44445	19.276	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35819	18.799	ug/l	97
37) Ethyl Acetate	4.721	43	31001	17.627	ug/l	98
38) Carbon Tetrachloride	5.684	117	39531	19.117	ug/l	99
39) Methylcyclohexane	7.385	83	47544	18.962	ug/l	99
40) Benzene	6.044	78	112866	20.015	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17801	18.985	ug/l		96
42) 1,2-Dichloroethane	6.092	62	39829	20.100	ug/l		99
43) Isopropyl Acetate	6.342	43	50813	18.463	ug/l		99
44) Trichloroethene	7.129	130	27765	19.321	ug/l		89
45) 1,2-Dichloropropane	7.427	63	28336	20.276	ug/l		92
46) Dibromomethane	7.580	93	19978	19.891	ug/l		99
47) Bromodichloromethane	7.824	83	41221	20.112	ug/l		99
48) Methyl methacrylate	7.696	41	26092	18.904	ug/l		100
49) 1,4-Dioxane	7.659	88	6068	321.885	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	150700	91.811	ug/l		98
52) Toluene	8.720	92	70998	20.310	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	37151	19.536	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	43044	19.939	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	26588	20.409	ug/l		98
56) Ethyl methacrylate	9.116	69	35838	18.636	ug/l		97
57) 1,3-Dichloropropane	9.305	76	45490	20.277	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	100239	100.344	ug/l		99
59) 2-Hexanone	9.427	43	100820	88.846	ug/l		100
60) Dibromochloromethane	9.519	129	30624	19.947	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26614	20.084	ug/l		98
64) Tetrachloroethene	9.275	164	23913	18.778	ug/l		98
65) Chlorobenzene	10.079	112	78801	19.421	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26522	19.449	ug/l		100
67) Ethyl Benzene	10.195	91	135702	19.141	ug/l		99
68) m/p-Xylenes	10.299	106	102519	38.810	ug/l		99
69) o-Xylene	10.640	106	49068	19.820	ug/l		99
70) Styrene	10.653	104	85333	19.696	ug/l		98
71) Bromoform	10.799	173	19127	18.418	ug/l	#	98
73) Isopropylbenzene	10.957	105	129881	18.592	ug/l		100
74) N-amyl acetate	10.842	43	45562	17.214	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35939	18.425	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29301m	16.867	ug/l		
77) Bromobenzene	11.195	156	31899	18.976	ug/l		98
78) n-propylbenzene	11.299	91	156018	18.803	ug/l		100
79) 2-Chlorotoluene	11.360	91	92310	18.633	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	108639	18.925	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9561	15.556	ug/l		95
82) 4-Chlorotoluene	11.451	91	108666	18.795	ug/l		99
83) tert-Butylbenzene	11.713	119	108810	18.337	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	108849	18.872	ug/l		100
85) sec-Butylbenzene	11.890	105	141281	18.839	ug/l		100
86) p-Isopropyltoluene	12.006	119	118528	18.732	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	60812	18.553	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	59834	17.772	ug/l		98
89) n-Butylbenzene	12.329	91	111302	18.526	ug/l		99
90) Hexachloroethane	12.536	117	19081	17.220	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	58188	18.997	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6206	16.116	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	39871	18.309	ug/l		99
94) Hexachlorobutadiene	13.719	225	17144	18.715	ug/l		96
95) Naphthalene	13.774	128	107578	17.340	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	37893	18.189	ug/l		99

Sample Results: **VX046763.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

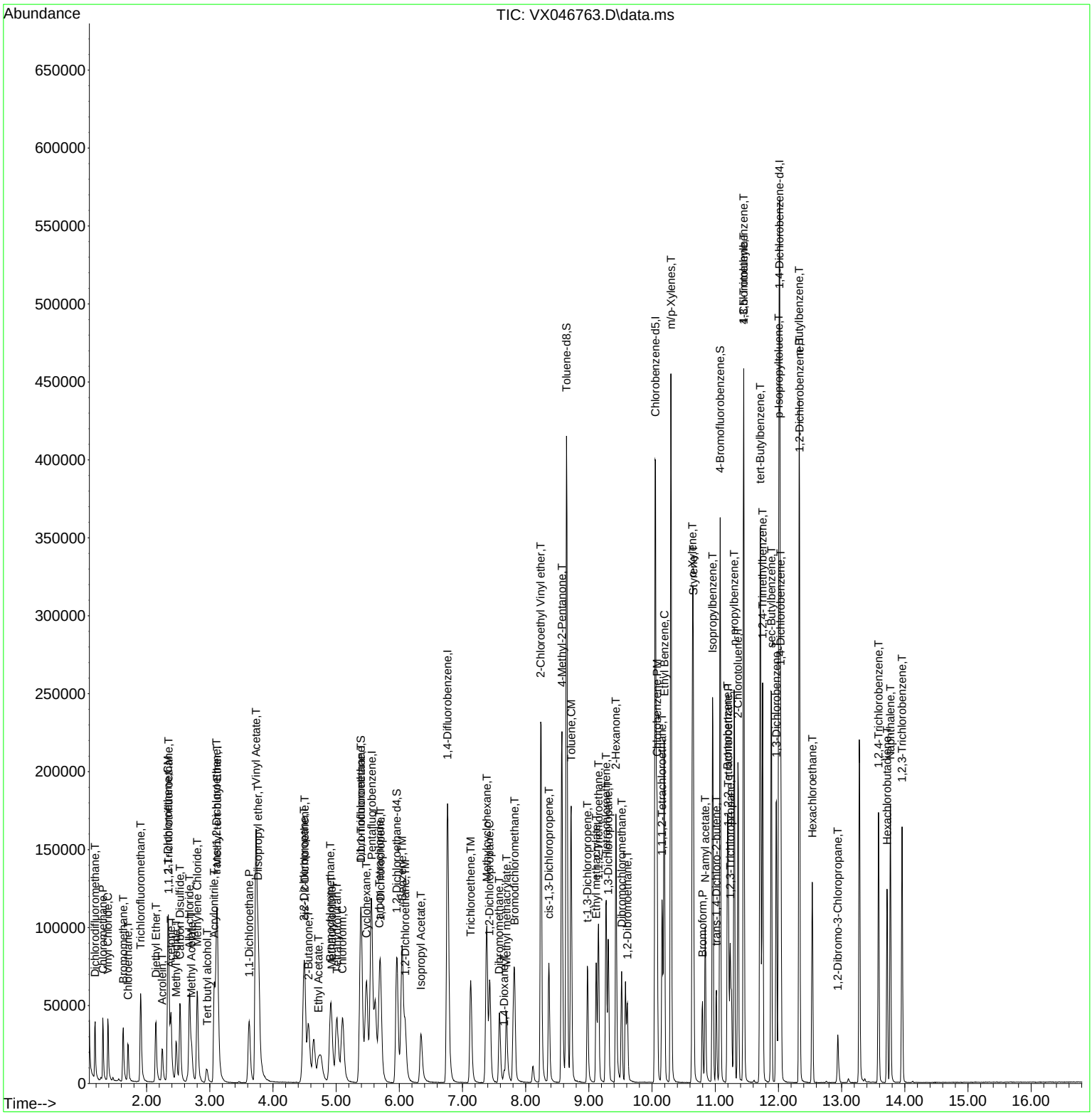
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



Raw Data: **VY022788.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBSD01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022788.D	1		06/24/25 11:21	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.6		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.9		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.6		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.7		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	94.2		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.5		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	17.9		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	93.6		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.2		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.4		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.3		0.91	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.6		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.0		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.9		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	95.0		3.60	25.0	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VY0624SBSD01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022788.D	1		06/24/25 11:21	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.6		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	90.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.3		0.82	5.00	ug/Kg
100-42-5	Styrene	19.3		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.0		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.5		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.1		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6		70 (63) - 130 (155)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (70) - 130 (134)	99%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (17) - 130 (146)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	455000	7.707			
540-36-3	1,4-Difluorobenzene	752000	8.609			
3114-55-4	Chlorobenzene-d5	644000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	304000	13.34			

Raw Data: **VY022788.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	VY0624SBSD01			SDG No.:	Q2363
Lab Sample ID:	VY0624SBSD01			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	100
Sample Wt/Vol:	5	Units:	g	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022788.D	1		06/24/25 11:21	VY062425

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: **VY022788.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	454676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	751533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	644021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	246467	48.568	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.140%			
35) Dibromofluoromethane	7.634	113	227031	49.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.340%			
50) Toluene-d8	10.103	98	915700	50.490	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.401	95	277996	47.682	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	83841	21.564	ug/l	100
3) Chloromethane	2.068	50	148016	19.937	ug/l	98
4) Vinyl Chloride	2.196	62	190974	20.590	ug/l	97
5) Bromomethane	2.586	94	149920	20.560	ug/l	100
6) Chloroethane	2.726	64	124997	20.048	ug/l	93
7) Trichlorofluoromethane	3.043	101	212732	20.713	ug/l	100
8) Diethyl Ether	3.446	74	49045	19.335	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	98481	20.983	ug/l	98
10) Methyl Iodide	4.000	142	94235	18.441	ug/l	100
11) Tert butyl alcohol	4.860	59	31222	92.529	ug/l #	73
12) 1,1-Dichloroethene	3.781	96	91858	19.960	ug/l	98
13) Acrolein	3.647	56	43455	94.972	ug/l	99
14) Allyl chloride	4.378	41	140797	19.890	ug/l	95
15) Acrylonitrile	5.049	53	101092	95.519	ug/l	99
16) Acetone	3.860	43	90320	94.167	ug/l	99
17) Carbon Disulfide	4.098	76	304896	20.508	ug/l	99
18) Methyl Acetate	4.378	43	55496	17.471	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	239186	19.087	ug/l	98
20) Methylene Chloride	4.604	84	108504	17.913	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	104363	19.842	ug/l	96
22) Diisopropyl ether	6.018	45	314393	19.999	ug/l	97
23) Vinyl Acetate	5.957	43	854467	98.416	ug/l	99
24) 1,1-Dichloroethane	5.909	63	192393	20.261	ug/l	99
25) 2-Butanone	6.890	43	130645	93.588	ug/l	98
26) 2,2-Dichloropropane	6.878	77	160327	20.142	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	119261	19.513	ug/l	99
28) Bromochloromethane	7.238	49	80516	20.169	ug/l	94
29) Tetrahydrofuran	7.256	42	81271	92.199	ug/l	98
30) Chloroform	7.414	83	192735	19.707	ug/l	92
31) Cyclohexane	7.695	56	175872	20.177	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	172060	20.358	ug/l	99
36) 1,1-Dichloropropene	7.829	75	140846	20.331	ug/l	100
37) Ethyl Acetate	6.982	43	56563	18.921	ug/l	97
38) Carbon Tetrachloride	7.811	117	150312	20.563	ug/l	99
39) Methylcyclohexane	9.103	83	182366	20.342	ug/l	99
40) Benzene	8.079	78	429271	20.154	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	36099m	19.615	ug/l		
42) 1,2-Dichloroethane	8.152	62	118209	20.253	ug/l		99
43) Isopropyl Acetate	8.195	43	117125	18.851	ug/l		97
44) Trichloroethene	8.859	130	110197	20.606	ug/l		99
45) 1,2-Dichloropropane	9.140	63	99722	20.004	ug/l		97
46) Dibromomethane	9.225	93	54686	19.325	ug/l		96
47) Bromodichloromethane	9.420	83	145543	19.945	ug/l		100
48) Methyl methacrylate	9.219	41	57360	19.204	ug/l		95
49) 1,4-Dioxane	9.225	88	12854	384.463	ug/l		94
51) 4-Methyl-2-Pentanone	9.993	43	299993	95.014	ug/l		98
52) Toluene	10.170	92	268868	20.009	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	126826	19.317	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	149508	19.639	ug/l		98
55) 1,1,2-Trichloroethane	10.566	97	72385	19.754	ug/l		99
56) Ethyl methacrylate	10.438	69	89037	18.060	ug/l		97
57) 1,3-Dichloropropane	10.713	76	125029	19.557	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	230138	98.911	ug/l		99
59) 2-Hexanone	10.755	43	194180	90.459	ug/l		97
60) Dibromochloromethane	10.908	129	92711	19.588	ug/l		97
61) 1,2-Dibromoethane	11.011	107	65644	19.144	ug/l		96
64) Tetrachloroethene	10.646	164	131649	21.638	ug/l		97
65) Chlorobenzene	11.438	112	284096	20.076	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92635	19.327	ug/l		99
67) Ethyl Benzene	11.517	91	499591	20.093	ug/l		99
68) m/p-Xylenes	11.627	106	379372	39.471	ug/l		99
69) o-Xylene	11.950	106	174833	19.305	ug/l		98
70) Styrene	11.962	104	293422	19.343	ug/l		99
71) Bromoform	12.127	173	50804	19.036	ug/l	#	98
73) Isopropylbenzene	12.249	105	460433	20.509	ug/l		99
74) N-amyl acetate	12.066	43	99500	19.745	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.499	83	67748	18.724	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	61464m	19.833	ug/l		
77) Bromobenzene	12.523	156	102341	20.111	ug/l		99
78) n-propylbenzene	12.590	91	563511	20.789	ug/l		99
79) 2-Chlorotoluene	12.676	91	313424	20.466	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	370540	20.445	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	22608	18.430	ug/l		92
82) 4-Chlorotoluene	12.773	91	323940	20.138	ug/l		99
83) tert-Butylbenzene	12.993	119	325208	20.346	ug/l		99
84) 1,2,4-Trimethylbenzene	13.035	105	365641	20.151	ug/l		100
85) sec-Butylbenzene	13.169	105	494743	20.573	ug/l		99
86) p-Isopropyltoluene	13.285	119	404814	20.228	ug/l		100
87) 1,3-Dichlorobenzene	13.279	146	205201	20.078	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	199889	19.689	ug/l		98
89) n-Butylbenzene	13.615	91	383849	20.391	ug/l		99
90) Hexachloroethane	13.871	117	85343	21.411	ug/l		98
91) 1,2-Dichlorobenzene	13.651	146	178210	19.787	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11713	19.089	ug/l		97
93) 1,2,4-Trichlorobenzene	14.913	180	101486	19.957	ug/l		97
94) Hexachlorobutadiene	15.017	225	59456	20.676	ug/l		97
95) Naphthalene	15.139	128	172250	18.731	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	85584	19.477	ug/l		97

Sample Results: **VY022788.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

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

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

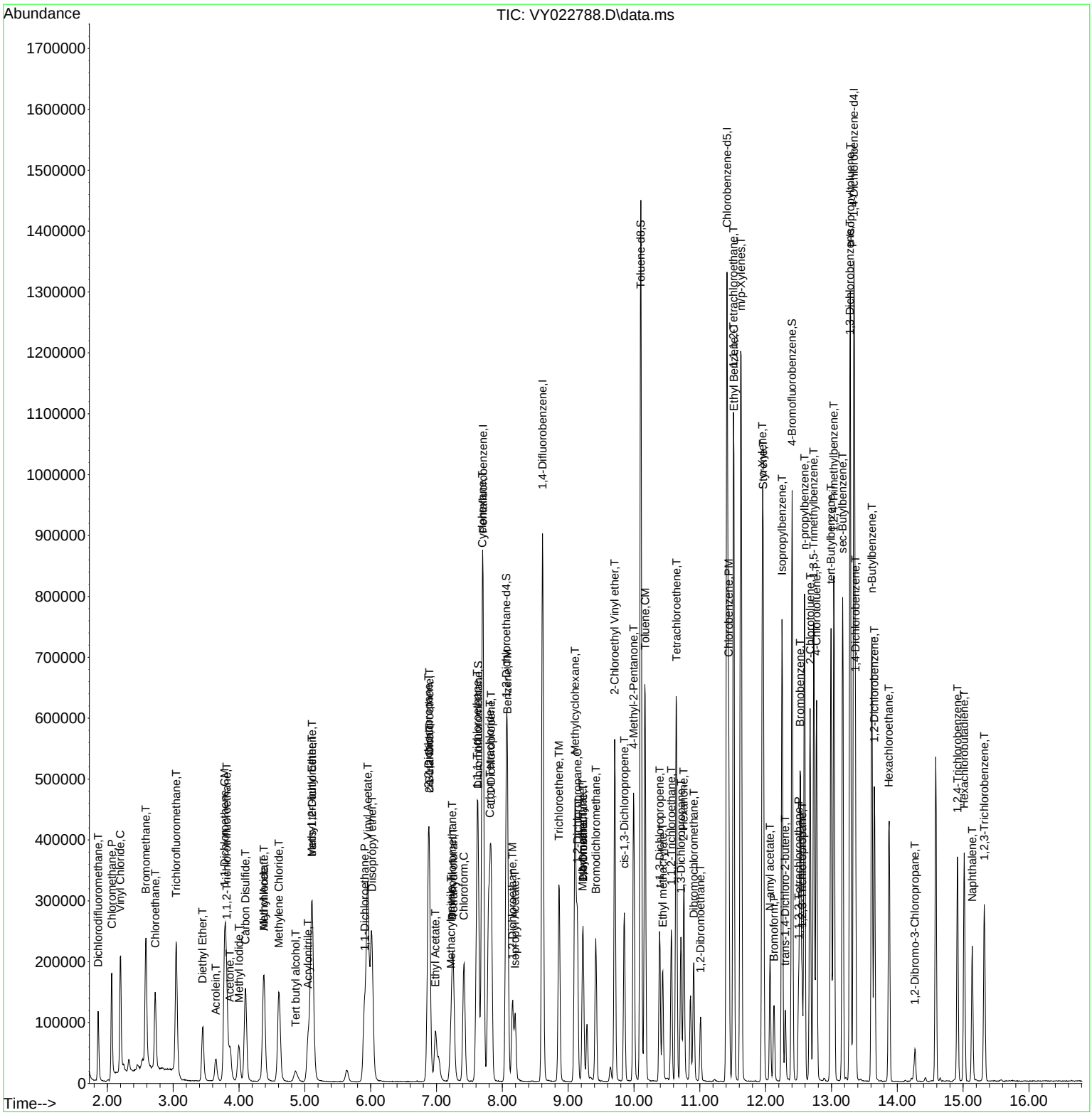
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



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

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086862.D	1,1,2-Trichlorotrifluoroethane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	2-Hexanone	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	N-amyl acetate	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	N-amyl acetate	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC020	VN086864.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:19 AM	MMDadoda	6/9/2025 1:13:21 PM	Peak Integrated by Software
VSTDICCC050	VN086865.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:25 AM	MMDadoda	6/9/2025 1:13:23 PM	Peak Integrated by Software
VSTDICC100	VN086866.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:29 AM	MMDadoda	6/9/2025 1:13:28 PM	Peak Integrated by Software
VSTDICC150	VN086867.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:34 AM	MMDadoda	6/9/2025 1:13:30 PM	Peak Integrated by Software
VSTDICV050	VN086869.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:38 AM	MMDadoda	6/9/2025 1:13:34 PM	Peak Integrated by Software
VSTDCCC050	VN086886.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:55 AM	MMDadoda	6/9/2025 1:13:44 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

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

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

Manual Integration Report

Sequence:	vn062025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087122.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:55:45 AM	MMDadoda	6/23/2025 1:18:11 PM	Peak Integrated by Software
VN0620WBS01	VN087125.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:55:50 AM	MMDadoda	6/23/2025 1:18:15 PM	Peak Integrated by Software
VN0620WBS01	VN087125.D	N-amyl acetate	JOHN	6/23/2025 8:55:50 AM	MMDadoda	6/23/2025 1:18:15 PM	Peak Integrated by Software
VN0620MBS01	VN087138.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:56:14 AM	MMDadoda	6/23/2025 1:18:21 PM	Peak Integrated by Software
VN0620MBS01	VN087138.D	N-amyl acetate	JOHN	6/23/2025 8:56:14 AM	MMDadoda	6/23/2025 1:18:21 PM	Peak Integrated by Software
VSTDCCC050	VN087147.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:56:27 AM	MMDadoda	6/23/2025 1:18:27 PM	Peak Integrated by Software
VSTDCCC050	VN087147.D	N-amyl acetate	JOHN	6/23/2025 8:56:27 AM	MMDadoda	6/23/2025 1:18:27 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046718.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:26:54 PM	MMDadoda	6/18/2025 6:21:14 PM	Peak Integrated by Software
VSTDICC020	VX046719.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:04 PM	MMDadoda	6/18/2025 6:21:20 PM	Peak Integrated by Software
VSTDICCC050	VX046720.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:12 PM	MMDadoda	6/18/2025 6:21:32 PM	Peak Integrated by Software
VSTDICC100	VX046721.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:20 PM	MMDadoda	6/18/2025 6:21:40 PM	Peak Integrated by Software
VSTDICC150	VX046722.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:27 PM	MMDadoda	6/18/2025 6:21:48 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,4-Dichlorobenzene	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	2,2-Dichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Chloroform	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Ethyl Acetate	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Methacrylonitrile	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICV050	VX046726.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:47 PM	MMDadoda	6/18/2025 6:22:09 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	VX061925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046758.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VSTDCCC050	VX046758.D	2-Butanone	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	2-Butanone	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBSD01	VX046763.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:34 AM	MMdadoda	6/21/2025 12:20:52 AM	Peak Integrated by Software
Q2363-02	VX046768.D	n-Butylbenzene	JOHN	6/20/2025 8:42:39 AM	MMdadoda	6/21/2025 12:20:58 AM	Peak Integrated by Software
Q2363-02	VX046768.D	p-Isopropyltoluene	JOHN	6/20/2025 8:42:39 AM	MMdadoda	6/21/2025 12:20:58 AM	Peak Integrated by Software
VSTDCCC050	VX046775.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:59 AM	MMdadoda	6/21/2025 12:21:03 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY062325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022776.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDICC005	VY022776.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDICC010	VY022777.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDICC010	VY022777.D	Methacrylonitrile	MMDadoda	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDICC020	VY022778.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICC020	VY022778.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICCC050	VY022779.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:00 AM	Sam	6/24/2025 8:27:51 AM	Peak Integrated by Software
VSTDICC100	VY022780.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:23:59 AM	Sam	6/24/2025 8:27:52 AM	Peak Integrated by Software
VSTDICC150	VY022781.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:53 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy062425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022785.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:01 PM	Sam	6/25/2025 12:35:13 PM	Peak Integrated by Software
VY0624SBS01	VY022787.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:02 PM	Sam	6/25/2025 12:35:15 PM	Peak Integrated by Software
VY0624SBSD01	VY022788.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:04 PM	Sam	6/25/2025 12:35:14 PM	Peak Integrated by Software
VY0624SBSD01	VY022788.D	Methacrylonitrile	MMDadoda	6/25/2025 12:32:04 PM	Sam	6/25/2025 12:35:14 PM	Peak Integrated by Software
VSTDCCC050	VY022809.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:08 PM	Sam	6/25/2025 12:35:09 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086861.D	06 Jun 2025 07:59	JC\MD	Ok
2	VSTDICC001	VN086862.D	06 Jun 2025 12:44	JC\MD	Ok,M
3	VSTDICC005	VN086863.D	06 Jun 2025 13:17	JC\MD	Ok,M
4	VSTDICC020	VN086864.D	06 Jun 2025 13:40	JC\MD	Ok,M
5	VSTDICCC050	VN086865.D	06 Jun 2025 14:03	JC\MD	Ok,M
6	VSTDICC100	VN086866.D	06 Jun 2025 14:26	JC\MD	Ok,M
7	VSTDICC150	VN086867.D	06 Jun 2025 14:49	JC\MD	Ok,M
8	IBLK	VN086868.D	06 Jun 2025 15:12	JC\MD	Ok
9	VSTDICV050	VN086869.D	06 Jun 2025 15:54	JC\MD	Ok,M
10	VN0606WBL01	VN086870.D	06 Jun 2025 16:47	JC\MD	Ok
11	VN0606WBL02	VN086871.D	06 Jun 2025 17:10	JC\MD	Ok
12	VN0606WBS01	VN086872.D	06 Jun 2025 17:33	JC\MD	Ok,M
13	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56	JC\MD	Ok,M
14	Q2254-01	VN086874.D	06 Jun 2025 18:19	JC\MD	Not Ok
15	Q2237-02	VN086875.D	06 Jun 2025 18:42	JC\MD	Ok
16	Q2216-02	VN086876.D	06 Jun 2025 19:05	JC\MD	Ok
17	Q2216-03	VN086877.D	06 Jun 2025 19:28	JC\MD	Ok
18	Q2216-04	VN086878.D	06 Jun 2025 19:51	JC\MD	Ok
19	Q2216-05	VN086879.D	06 Jun 2025 20:13	JC\MD	Not Ok
20	Q2216-06	VN086880.D	06 Jun 2025 20:36	JC\MD	Not Ok
21	Q2206-04	VN086881.D	06 Jun 2025 20:59	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2242-04	VN086882.D	06 Jun 2025 21:21	JC\MD	Not Ok
23	Q2192-01	VN086883.D	06 Jun 2025 21:44	JC\MD	Not Ok
24	Q2198-02	VN086884.D	06 Jun 2025 22:07	JC\MD	Not Ok
25	Q2198-04	VN086885.D	06 Jun 2025 22:29	JC\MD	Not Ok
26	VSTDCCC050	VN086886.D	06 Jun 2025 22:52	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087121.D	20 Jun 2025 08:18	JC\MD	Ok
2	VSTDCCC050	VN087122.D	20 Jun 2025 08:51	JC\MD	Ok,M
3	VN0620MBL01	VN087123.D	20 Jun 2025 09:25	JC\MD	Ok
4	VN0620WBL01	VN087124.D	20 Jun 2025 09:46	JC\MD	Ok
5	VN0620WBS01	VN087125.D	20 Jun 2025 10:06	JC\MD	Ok,M
6	VN0620WBSD01	VN087126.D	20 Jun 2025 10:40	JC\MD	Ok,M
7	Q2363-02DL	VN087127.D	20 Jun 2025 11:01	JC\MD	Ok
8	PB168545TB	VN087128.D	20 Jun 2025 11:21	JC\MD	Ok
9	Q2354-02	VN087129.D	20 Jun 2025 11:42	JC\MD	Ok
10	Q2355-02	VN087130.D	20 Jun 2025 12:03	JC\MD	Ok
11	Q2362-04	VN087131.D	20 Jun 2025 12:23	JC\MD	Ok
12	Q2362-08	VN087132.D	20 Jun 2025 12:44	JC\MD	Ok
13	Q2367-04	VN087133.D	20 Jun 2025 13:04	JC\MD	Ok
14	Q2367-08	VN087134.D	20 Jun 2025 13:25	JC\MD	Ok
15	IBLK	VN087135.D	20 Jun 2025 13:46	JC\MD	Ok
16	Q2377-03	VN087136.D	20 Jun 2025 14:06	JC\MD	Not Ok
17	Q2377-01	VN087137.D	20 Jun 2025 14:27	JC\MD	Not Ok
18	VN0620MBS01	VN087138.D	20 Jun 2025 14:48	JC\MD	Ok,M
19	VN0620MBSD01	VN087139.D	20 Jun 2025 15:08	JC\MD	Ok,M
20	Q2363-01ME	VN087140.D	20 Jun 2025 15:29	JC\MD	Ok
21	Q2355-01	VN087141.D	20 Jun 2025 15:50	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2354-01	VN087142.D	20 Jun 2025 16:11	JC\MD	Not Ok
23	Q2355-03	VN087143.D	20 Jun 2025 16:31	JC\MD	Not Ok
24	IBLK	VN087144.D	20 Jun 2025 16:52	JC\MD	Ok
25	IBLK	VN087145.D	20 Jun 2025 17:13	JC\MD	Ok
26	Q2377-01	VN087146.D	20 Jun 2025 17:34	JC\MD	Not Ok
27	VSTDCCC050	VN087147.D	20 Jun 2025 17:54	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046715.D	17 Jun 2025 08:46	JC/MD	Ok
2	VSTDICC001	VX046716.D	17 Jun 2025 10:09	JC/MD	Not Ok
3	VSTDICC001	VX046717.D	17 Jun 2025 10:58	JC/MD	ReRun
4	VSTDICC005	VX046718.D	17 Jun 2025 11:19	JC/MD	Ok,M
5	VSTDICC020	VX046719.D	17 Jun 2025 13:59	JC/MD	Ok,M
6	VSTDICCC050	VX046720.D	17 Jun 2025 14:20	JC/MD	Ok,M
7	VSTDICC100	VX046721.D	17 Jun 2025 14:41	JC/MD	Ok,M
8	VSTDICC150	VX046722.D	17 Jun 2025 15:02	JC/MD	Ok,M
9	IBLK	VX046723.D	17 Jun 2025 15:23	JC/MD	Ok
10	VSTDICC001	VX046724.D	17 Jun 2025 16:20	JC/MD	Not Ok
11	VSTDICC001	VX046725.D	17 Jun 2025 17:18	JC/MD	Ok,M
12	VSTDICV050	VX046726.D	17 Jun 2025 18:00	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046757.D	19 Jun 2025 08:42	JC/MD	Ok
2	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	JC/MD	Ok,M
3	VX0619MBL01	VX046759.D	19 Jun 2025 10:12	JC/MD	Ok
4	VX0619WBL01	VX046760.D	19 Jun 2025 10:33	JC/MD	Ok
5	Q2345-01	VX046761.D	19 Jun 2025 11:03	JC/MD	Ok
6	VX0619WBS01	VX046762.D	19 Jun 2025 11:24	JC/MD	Ok,M
7	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51	JC/MD	Ok,M
8	Q2361-01	VX046764.D	19 Jun 2025 12:12	JC/MD	Ok
9	Q2334-01	VX046765.D	19 Jun 2025 12:33	JC/MD	Ok
10	Q2334-02	VX046766.D	19 Jun 2025 12:54	JC/MD	Ok
11	Q2334-03	VX046767.D	19 Jun 2025 13:15	JC/MD	Ok
12	Q2363-02	VX046768.D	19 Jun 2025 13:36	JC/MD	Dilution
13	IBLK	VX046769.D	19 Jun 2025 13:57	JC/MD	Ok
14	IBLK	VX046770.D	19 Jun 2025 14:18	JC/MD	Ok
15	Q2351-01	VX046771.D	19 Jun 2025 15:45	JC/MD	Ok
16	Q2372-02	VX046772.D	19 Jun 2025 16:06	JC/MD	Ok
17	Q2372-01	VX046773.D	19 Jun 2025 16:27	JC/MD	Ok
18	IBLK	VX046774.D	19 Jun 2025 16:49	JC/MD	Ok
19	VSTDCCC050	VX046775.D	19 Jun 2025 17:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM		
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134461
Initial Calibration Stds	VP134462,VP134463,VP134464,VP134465,VP134466,VP134467
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134468
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022775.D	23 Jun 2025 10:17	SY/MD	Ok
2	VSTDICC005	VY022776.D	23 Jun 2025 13:38	SY/MD	Ok,M
3	VSTDICC010	VY022777.D	23 Jun 2025 14:00	SY/MD	Ok,M
4	VSTDICC020	VY022778.D	23 Jun 2025 14:23	SY/MD	Ok,M
5	VSTDICCC050	VY022779.D	23 Jun 2025 14:46	SY/MD	Ok,M
6	VSTDICC100	VY022780.D	23 Jun 2025 15:08	SY/MD	Ok,M
7	VSTDICC150	VY022781.D	23 Jun 2025 15:31	SY/MD	Ok,M
8	VIBLK	VY022782.D	23 Jun 2025 15:54	SY/MD	Ok
9	VSTDICV050	VY022783.D	23 Jun 2025 16:17	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM				
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022784.D	24 Jun 2025 08:49	SY/MD	Ok
2	VSTDCCC050	VY022785.D	24 Jun 2025 09:20	SY/MD	Ok,M
3	VY0624SBL01	VY022786.D	24 Jun 2025 10:25	SY/MD	Ok
4	VY0624SBS01	VY022787.D	24 Jun 2025 10:58	SY/MD	Ok,M
5	VY0624SBSD01	VY022788.D	24 Jun 2025 11:21	SY/MD	Ok,M
6	Q2386-01	VY022789.D	24 Jun 2025 11:58	SY/MD	ReRun
7	Q2383-01RE	VY022790.D	24 Jun 2025 12:22	SY/MD	Not Ok
8	Q2384-01RE	VY022791.D	24 Jun 2025 12:45	SY/MD	Confirms
9	Q2355-03	VY022792.D	24 Jun 2025 13:09	SY/MD	Not Ok
10	Q2363-01	VY022793.D	24 Jun 2025 13:32	SY/MD	Dilution
11	Q2392-02	VY022794.D	24 Jun 2025 13:55	SY/MD	Ok
12	Q2393-02	VY022795.D	24 Jun 2025 14:19	SY/MD	Ok
13	Q2393-04	VY022796.D	24 Jun 2025 14:42	SY/MD	Ok
14	Q2393-06	VY022797.D	24 Jun 2025 15:06	SY/MD	Ok
15	Q2393-08	VY022798.D	24 Jun 2025 15:29	SY/MD	Ok
16	Q2393-10	VY022799.D	24 Jun 2025 15:52	SY/MD	Ok
17	Q2393-12	VY022800.D	24 Jun 2025 16:16	SY/MD	Ok
18	Q2394-03	VY022801.D	24 Jun 2025 16:39	SY/MD	Ok
19	Q2399-03	VY022802.D	24 Jun 2025 17:03	SY/MD	Ok
20	Q2399-07	VY022803.D	24 Jun 2025 17:26	SY/MD	Ok
21	Q2403-03	VY022804.D	24 Jun 2025 17:50	SY/MD	ReRun

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM				
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2403-07	VY022805.D	24 Jun 2025 18:13	SY/MD	Ok
23	Q2398-03	VY022806.D	24 Jun 2025 18:36	SY/MD	Ok
24	Q2398-06	VY022807.D	24 Jun 2025 19:00	SY/MD	Not Ok
25	VIBLK	VY022808.D	24 Jun 2025 19:23	SY/MD	Ok
26	VSTDCCC050	VY022809.D	24 Jun 2025 20:09	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086861.D	06 Jun 2025 07:59		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086862.D	06 Jun 2025 12:44	Method failed for com.#13	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086863.D	06 Jun 2025 13:17		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN086864.D	06 Jun 2025 13:40		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN086865.D	06 Jun 2025 14:03		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN086866.D	06 Jun 2025 14:26		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN086867.D	06 Jun 2025 14:49		JC\MD	Ok,M
8	IBLK	IBLK	VN086868.D	06 Jun 2025 15:12		JC\MD	Ok
9	VSTDICV050	ICVVN060625	VN086869.D	06 Jun 2025 15:54		JC\MD	Ok,M
10	VN0606WBL01	VN0606WBL01	VN086870.D	06 Jun 2025 16:47		JC\MD	Ok
11	VN0606WBL02	VN0606WBL02	VN086871.D	06 Jun 2025 17:10		JC\MD	Ok
12	VN0606WBS01	VN0606WBS01	VN086872.D	06 Jun 2025 17:33		JC\MD	Ok,M
13	VN0606WBSD01	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56		JC\MD	Ok,M
14	Q2254-01	BP-VPB-182-GW-810-8	VN086874.D	06 Jun 2025 18:19	vial A pH<2 endccc out of tune	JC\MD	Not Ok
15	Q2237-02	TW-WTS-10	VN086875.D	06 Jun 2025 18:42	vial A pH<2	JC\MD	Ok
16	Q2216-02	3887	VN086876.D	06 Jun 2025 19:05	vial A pH<2	JC\MD	Ok
17	Q2216-03	3888	VN086877.D	06 Jun 2025 19:28	vial A pH<2	JC\MD	Ok
18	Q2216-04	3864	VN086878.D	06 Jun 2025 19:51	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2216-05	3865	VN086879.D	06 Jun 2025 20:13	vial A pH<2 Out of Tune	JC\MD	Not Ok
20	Q2216-06	3851	VN086880.D	06 Jun 2025 20:36	vial A pH<2 Out of Tune	JC\MD	Not Ok
21	Q2206-04	TP-1	VN086881.D	06 Jun 2025 20:59	vial A pH<2 Out of Tune	JC\MD	Not Ok
22	Q2242-04	TP09-MHJ	VN086882.D	06 Jun 2025 21:21	vial A pH<2 Out of Tune	JC\MD	Not Ok
23	Q2192-01	SB-1	VN086883.D	06 Jun 2025 21:44	vial A pH<2 Out of Tune	JC\MD	Not Ok
24	Q2198-02	B-202-SB02	VN086884.D	06 Jun 2025 22:07	vial A pH<2 Out of Tune	JC\MD	Not Ok
25	Q2198-04	B-207-SB02	VN086885.D	06 Jun 2025 22:29	vial A pH<2 Out of Tune	JC\MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VN086886.D	06 Jun 2025 22:52	Out of Tune	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
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	VN087121.D	20 Jun 2025 08:18		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087122.D	20 Jun 2025 08:51	pH#Lot#V12668	JC\MD	Ok,M
3	VN0620MBL01	VN0620MBL01	VN087123.D	20 Jun 2025 09:25		JC\MD	Ok
4	VN0620WBL01	VN0620WBL01	VN087124.D	20 Jun 2025 09:46		JC\MD	Ok
5	VN0620WBS01	VN0620WBS01	VN087125.D	20 Jun 2025 10:06		JC\MD	Ok,M
6	VN0620WBSD01	VN0620WBSD01	VN087126.D	20 Jun 2025 10:40		JC\MD	Ok,M
7	Q2363-02DL	GCAP1WDL	VN087127.D	20 Jun 2025 11:01	vial B pH<2	JC\MD	Ok
8	PB168545TB	PB168545TB	VN087128.D	20 Jun 2025 11:21		JC\MD	Ok
9	Q2354-02	3321	VN087129.D	20 Jun 2025 11:42	vial A pH#5.0	JC\MD	Ok
10	Q2355-02	3897	VN087130.D	20 Jun 2025 12:03	vial A pH#5.0	JC\MD	Ok
11	Q2362-04	TP-11	VN087131.D	20 Jun 2025 12:23	vial A pH#5.0	JC\MD	Ok
12	Q2362-08	EP-6	VN087132.D	20 Jun 2025 12:44	vial A pH#5.0	JC\MD	Ok
13	Q2367-04	EP-4	VN087133.D	20 Jun 2025 13:04	vial A pH#5.0	JC\MD	Ok
14	Q2367-08	EP-5	VN087134.D	20 Jun 2025 13:25	vial A pH#5.0	JC\MD	Ok
15	IBLK	IBLK	VN087135.D	20 Jun 2025 13:46		JC\MD	Ok
16	Q2377-03	TB01-061925	VN087136.D	20 Jun 2025 14:06	524 Method on login	JC\MD	Not Ok
17	Q2377-01	PW-B6-L66-061925	VN087137.D	20 Jun 2025 14:27	524 Method on login	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VN0620MBS01	VN0620MBS01	VN087138.D	20 Jun 2025 14:48	BS Failed Low for com.#64,67,93	JC\MD	Ok,M
19	VN0620MBSD01	VN0620MBSD01	VN087139.D	20 Jun 2025 15:08	BSD Failed Low for com.#39,44	JC\MD	Ok,M
20	Q2363-01ME	GCAP1ME	VN087140.D	20 Jun 2025 15:29	Surrogate fail	JC\MD	Ok
21	Q2355-01	3897	VN087141.D	20 Jun 2025 15:50	BS fail Low ;BSD fail Low; cloth material	JC\MD	Not Ok
22	Q2354-01	3321	VN087142.D	20 Jun 2025 16:11	BS fail Low;BSD fail Low;Run @ Lower Dilution	JC\MD	Not Ok
23	Q2355-03	20071	VN087143.D	20 Jun 2025 16:31	BS fail Low ;BSD fail Low;Need Soil Run	JC\MD	Not Ok
24	IBLK	IBLK	VN087144.D	20 Jun 2025 16:52		JC\MD	Ok
25	IBLK	IBLK	VN087145.D	20 Jun 2025 17:13		JC\MD	Ok
26	Q2377-01	PW-B6-L66-061925	VN087146.D	20 Jun 2025 17:34	524 Method on login	JC\MD	Not Ok
27	VSTDCCC050	VSTDCCC050EC	VN087147.D	20 Jun 2025 17:54		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046715.D	17 Jun 2025 08:46		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046716.D	17 Jun 2025 10:09	RRF check	JC/MD	Not Ok
3	VSTDICC001	VSTDICC001	VX046717.D	17 Jun 2025 10:58	low response	JC/MD	ReRun
4	VSTDICC005	VSTDICC005	VX046718.D	17 Jun 2025 11:19		JC/MD	Ok,M
5	VSTDICC020	VSTDICC020	VX046719.D	17 Jun 2025 13:59	LR- 10,49	JC/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VX046720.D	17 Jun 2025 14:20		JC/MD	Ok,M
7	VSTDICC100	VSTDICC100	VX046721.D	17 Jun 2025 14:41		JC/MD	Ok,M
8	VSTDICC150	VSTDICC150	VX046722.D	17 Jun 2025 15:02		JC/MD	Ok,M
9	IBLK	IBLK	VX046723.D	17 Jun 2025 15:23		JC/MD	Ok
10	VSTDICC001	VSTDICC001	VX046724.D	17 Jun 2025 16:20	spike error	JC/MD	Not Ok
11	VSTDICC001	VSTDICC001	VX046725.D	17 Jun 2025 17:18		JC/MD	Ok,M
12	VSTDICV050	ICVVX061725	VX046726.D	17 Jun 2025 18:00		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
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	VX046757.D	19 Jun 2025 08:42		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	pH#Lot#V12668	JC/MD	Ok,M
3	VX0619MBL01	VX0619MBL01	VX046759.D	19 Jun 2025 10:12		JC/MD	Ok
4	VX0619WBL01	VX0619WBL01	VX046760.D	19 Jun 2025 10:33		JC/MD	Ok
5	Q2345-01	EB02-20250616	VX046761.D	19 Jun 2025 11:03	vial B pH<2 EB	JC/MD	Ok
6	VX0619WBS01	VX0619WBS01	VX046762.D	19 Jun 2025 11:24		JC/MD	Ok,M
7	VX0619WBSD01	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51		JC/MD	Ok,M
8	Q2361-01	TT205S1-20250617	VX046764.D	19 Jun 2025 12:12	vial A pH<2	JC/MD	Ok
9	Q2334-01	MW3	VX046765.D	19 Jun 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2334-02	MW4	VX046766.D	19 Jun 2025 12:54	vial A pH<2	JC/MD	Ok
11	Q2334-03	GBTW1	VX046767.D	19 Jun 2025 13:15	vial A pH<2	JC/MD	Ok
12	Q2363-02	GCAP1W	VX046768.D	19 Jun 2025 13:36	vial A pH<2 Need 20X	JC/MD	Dilution
13	IBLK	IBLK	VX046769.D	19 Jun 2025 13:57		JC/MD	Ok
14	IBLK	IBLK	VX046770.D	19 Jun 2025 14:18		JC/MD	Ok
15	Q2351-01	FAIRLAWN-SUMP	VX046771.D	19 Jun 2025 15:45	vial A pH<2 oily sample	JC/MD	Ok
16	Q2372-02	GAV2W	VX046772.D	19 Jun 2025 16:06	vial A pH<2	JC/MD	Ok
17	Q2372-01	GAV1W	VX046773.D	19 Jun 2025 16:27	vial A pH<2	JC/MD	Ok
18	IBLK	IBLK	VX046774.D	19 Jun 2025 16:49		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VX046775.D	19 Jun 2025 17:10		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM		
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134461
Initial Calibration Stds	VP134462,VP134463,VP134464,VP134465,VP134466,VP134467
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134468
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022775.D	23 Jun 2025 10:17		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY022776.D	23 Jun 2025 13:38	LR- 58	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY022777.D	23 Jun 2025 14:00		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY022778.D	23 Jun 2025 14:23		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY022779.D	23 Jun 2025 14:46		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY022780.D	23 Jun 2025 15:08		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY022781.D	23 Jun 2025 15:31		SY/MD	Ok,M
8	VIBLK	VIBLK	VY022782.D	23 Jun 2025 15:54		SY/MD	Ok
9	VSTDICV050	ICVVY062325	VY022783.D	23 Jun 2025 16:17		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM			
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM			
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022784.D	24 Jun 2025 08:49		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022785.D	24 Jun 2025 09:20		SY/MD	Ok,M
3	VY0624SBL01	VY0624SBL01	VY022786.D	24 Jun 2025 10:25		SY/MD	Ok
4	VY0624SBS01	VY0624SBS01	VY022787.D	24 Jun 2025 10:58		SY/MD	Ok,M
5	VY0624SBSD01	VY0624SBSD01	VY022788.D	24 Jun 2025 11:21		SY/MD	Ok,M
6	Q2386-01	SU-1-062025	VY022789.D	24 Jun 2025 11:58	vial-A Internal Standard Fail	SY/MD	ReRun
7	Q2383-01RE	RT-5376RE	VY022790.D	24 Jun 2025 12:22	vial-B Internal standard fail;Not match with first run	SY/MD	Not Ok
8	Q2384-01RE	OK-01-6202025RE	VY022791.D	24 Jun 2025 12:45	vial-B Internal Standard Fail	SY/MD	Confirms
9	Q2355-03	20071	VY022792.D	24 Jun 2025 13:09	vial-A not purge	SY/MD	Not Ok
10	Q2363-01	GCAP1	VY022793.D	24 Jun 2025 13:32	vial-A Surrogate fail ;Need MeOH	SY/MD	Dilution
11	Q2392-02	S-1A	VY022794.D	24 Jun 2025 13:55	vial-A	SY/MD	Ok
12	Q2393-02	PARK AVE -1	VY022795.D	24 Jun 2025 14:19	vial-A	SY/MD	Ok
13	Q2393-04	PARK AVE -2	VY022796.D	24 Jun 2025 14:42	vial-A	SY/MD	Ok
14	Q2393-06	PARK AVE -3	VY022797.D	24 Jun 2025 15:06	vial-A	SY/MD	Ok
15	Q2393-08	PARK AVE -4	VY022798.D	24 Jun 2025 15:29	vial-A	SY/MD	Ok
16	Q2393-10	PARK AVE -5	VY022799.D	24 Jun 2025 15:52	vial-A	SY/MD	Ok
17	Q2393-12	PARK AVE -6	VY022800.D	24 Jun 2025 16:16	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM		
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2394-03	MH-K/L VOC	VY022801.D	24 Jun 2025 16:39	vial-A	SY/MD	Ok
19	Q2399-03	TP-13-VOC	VY022802.D	24 Jun 2025 17:03	vial-A	SY/MD	Ok
20	Q2399-07	EP-7-VOC	VY022803.D	24 Jun 2025 17:26	vial-A	SY/MD	Ok
21	Q2403-03	LAW-25-0093	VY022804.D	24 Jun 2025 17:50	vial-A Internal Standard Fail	SY/MD	ReRun
22	Q2403-07	ARS 20-0006	VY022805.D	24 Jun 2025 18:13	vial-A	SY/MD	Ok
23	Q2398-03	M00-25-0179	VY022806.D	24 Jun 2025 18:36	vial-A	SY/MD	Ok
24	Q2398-06	ARS20-0036	VY022807.D	24 Jun 2025 19:00	vial-A Not purge	SY/MD	Not Ok
25	VIBLK	VIBLK	VY022808.D	24 Jun 2025 19:23		SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY022809.D	24 Jun 2025 20:09		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/20/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 16:50
In Date: 06/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:20
Out Date: 06/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136203

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2362-01	TP-11	1	1.15	10.82	11.97	10.9	90.1	
Q2362-02	TP-11-EPH	2	1.18	9.88	11.06	9.94	88.7	
Q2362-03	TP-11-VOC	3	1.19	10.70	11.89	10.74	89.3	
Q2362-04	TP-11	4	1.15	10.82	11.97	10.9	90.1	
Q2362-05	EP-6	5	1.16	10.57	11.73	10.57	89.0	
Q2362-06	EP-6-EPH	6	1.16	10.34	11.5	10.28	88.2	
Q2362-07	EP-6-VOC	7	1.18	10.32	11.5	10.38	89.1	
Q2363-01	GCAP1	8	1.19	9.95	11.14	9.7	85.5	
Q2364-01	GAV1A	9	1.15	10.10	11.25	9.21	79.8	
Q2364-02	GAV1B	10	1.18	10.78	11.96	10.4	85.5	
Q2364-03	GAV2A	11	1.19	10.06	11.25	9.47	82.3	
Q2364-04	GAV2B	12	1.19	10.53	11.72	9.26	76.6	
Q2365-01	BU-703-COMP-01	13	1.15	10.74	11.89	10.68	88.7	
Q2365-02	BU-703-COMP-02	14	1.14	10.60	11.74	9.59	79.7	
Q2365-03	BU-703-COMP-03	15	1.17	10.22	11.39	9.59	82.4	
Q2365-04	BU-703-COMP-04	16	1.15	10.58	11.73	10.55	88.8	
Q2365-05	BU-703-COMP-05	17	1.13	10.19	11.32	8.67	74.0	
Q2365-06	BU-703-COMP-06	18	1.15	10.59	11.74	10.11	84.6	
Q2365-07	BU-703-COMP-07	19	1.13	10.28	11.41	10.02	86.5	
Q2365-08	BU-703-COMP-08	20	1.13	10.20	11.33	10.28	89.7	
Q2365-09	BU-703-COMP-09	21	1.14	10.54	11.68	9.73	81.5	
Q2367-01	EP-4	22	1.18	10.29	11.47	10.58	91.4	
Q2367-02	EP-4-EPH	23	1.19	10.01	11.2	10.24	90.4	
Q2367-03	EP-4-VOC	24	1.13	9.84	10.97	10.03	90.4	
Q2367-05	EP-5	25	1.17	10.39	11.56	10.44	89.2	
Q2367-06	EP-5-EPH	26	1.18	10.54	11.72	10.65	89.8	
Q2367-07	EP-5-VOV	27	1.15	10.45	11.6	10.56	90.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/20/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 16:50
In Date: 06/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:20
Out Date: 06/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136203

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WM 136203

WorkList Name : %1-061925 **WorkList ID :** 190269 **Department :** Wet-Chemistry **Date :** 06-19-2025 08:09:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2362-01	TP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2362-02	TP-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2362-03	TP-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2362-04	TP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2362-05	EP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2362-06	EP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2362-07	EP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D52	06/18/2025	Chemtech -SO
Q2363-01	GCAP1	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/18/2025	Chemtech -SO
Q2364-01	GAV1A	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/18/2025	Chemtech -SO
Q2364-02	GAV1B	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/18/2025	Chemtech -SO
Q2364-03	GAV2A	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/18/2025	Chemtech -SO
Q2364-04	GAV2B	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/18/2025	Chemtech -SO
Q2365-01	BU-703-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-02	BU-703-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-03	BU-703-COMP-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-04	BU-703-COMP-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-05	BU-703-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-06	BU-703-COMP-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-07	BU-703-COMP-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-08	BU-703-COMP-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO
Q2365-09	BU-703-COMP-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/02/2025	Chemtech -SO

Date/Time 06.19.25 13:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 06.19.25 17:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 136203

WorkList Name : %1-061925 **WorkList ID :** 190269 **Department :** Wet-Chemistry **Date :** 06-19-2025 08:09:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2367-01	EP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	06/19/2025	Chemtech -SO
Q2367-02	EP-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	06/19/2025	Chemtech -SO
Q2367-03	EP-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	06/19/2025	Chemtech -SO
Q2367-05	EP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	06/19/2025	Chemtech -SO
Q2367-06	EP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	06/19/2025	Chemtech -SO
Q2367-07	EP-5-VOV	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	06/19/2025	Chemtech -SO

Date/Time 06-19-25 13:00
Raw Sample Received by: JG WOC
Raw Sample Relinquished by: [signature]

Date/Time 06-19-25 17:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: JG WOC

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. Q2363
COC Number 2046403

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 day TAT DAYS*
HARDCOPY (DATA PACKAGE): 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) X NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other
X EDD FORMAT Excel, Xcel, NJDEP, pdf

ANALYSIS

1. TCL VOC+15
2. Pb (lead)
3. EPH Cat 1
4.
5. GW TCL VOC+15
6.
7.
8.
9.

PRESERVATIVES: 1 Terra Core X; 2 X; 5 Hcl

Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	GCAP1	Soil		X	6/18/25	1430	1	X	X	X							
2.	GCAP1W	GW		X	6/18/25	1415	2					X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	1540 6/18/25	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.6°C °C
Comments: 5 day TAT IR Gun #1

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.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2363 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/18/2025 4:03:52 PM
Project Name : Capra
Receive DateTime : 6/18/2025 3:40:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduced all
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2363-01	GCAP1	Solid	06/18/2025	14:30					
					VOC-TCLVOA-10		8260D		5 Bus. Days
Q2363-02	GCAP1W	Water	06/18/2025	14:15					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days

Relinguished By :
Date / Time : 6/19/25 0740

Received By : Sam
Date / Time : 06/19/25 7:30
Storage Area : VOA Refridgerator Room

RJH 6
FZ 2
Raj # 4