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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

LAB CHRONICLE

OrderID:	Q2401	**OrderDate:**	6/24/2025 7:56:23 AM
Client:	G Environmental	**Project:**	Laurel
Contact:	Gary Landis	**Location:**	A41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2401-01	**MW2**	**Water**			**06/23/25**			**06/23/25**
			VOCMS Group1	8260-Low			06/27/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2401

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q2401-01	MW2	Water	Benzene		0.84	J	0.15	1.00	ug/L
Q2401-01	MW2	Water	Toluene		0.98	J	0.14	1.00	ug/L
Q2401-01	MW2	Water	Ethyl Benzene		1.20		0.13	1.00	ug/L
Q2401-01	MW2	Water	m/p-Xylenes		1.60	J	0.24	2.00	ug/L
Q2401-01	MW2	Water	o-Xylene		1.40		0.12	1.00	ug/L
			Total Voc :		6.02				
Q2401-01	MW2	Water	Naphthalene, 2-methyl-	*	17.0	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1,2,4,5-tetramethyl-	*	35.0	J	0	0	ug/L
Q2401-01	MW2	Water	Pentane, 3-methyl-	*	25.0	J	0	0	ug/L
Q2401-01	MW2	Water	Cyclopentane, methyl-	*	20.2	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1,4-diethyl-	*	22.0	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1-methyl-3-(1-methyl	*	18.4	J	0	0	ug/L
Q2401-01	MW2	Water	Pentane, 2,3-dimethyl-	*	14.9	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1-ethyl-2-methyl-	*	43.2	J	0	0	ug/L
Q2401-01	MW2	Water	Indan, 1-methyl-	*	34.5	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, (1,2-dimethyl-1-prop(	*	23.2	J	0	0	ug/L
Q2401-01	MW2	Water	1H-Indene, 2,3-dihydro-4-meth	*	22.6	J	0	0	ug/L
Q2401-01	MW2	Water	1H-Indene, 2,3-dihydro-5-meth	*	50.8	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	17.7	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	52.0	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1-methyl-4-(1-methyl	*	16.6	J	0	0	ug/L
Q2401-01	MW2	Water	Cyclohexane	*	9.20	J	1.50	5.00	ug/L
Q2401-01	MW2	Water	Methylcyclohexane	*	6.90	J	0.16	1.00	ug/L
Q2401-01	MW2	Water	Isopropylbenzene	*	8.70	J	0.12	1.00	ug/L
Q2401-01	MW2	Water	n-propylbenzene	*	30.2	J	0.13	1.00	ug/L
Q2401-01	MW2	Water	1,3,5-Trimethylbenzene	*	30.8	J	0.15	1.00	ug/L
Q2401-01	MW2	Water	1,2,4-Trimethylbenzene	*	120	J	0.14	1.00	ug/L
Q2401-01	MW2	Water	sec-Butylbenzene	*	3.80	J	0.13	1.00	ug/L
Q2401-01	MW2	Water	p-Isopropyltoluene	*	1.50	J	0.13	1.00	ug/L
Q2401-01	MW2	Water	n-Butylbenzene	*	5.70	J	0.15	1.00	ug/L
Q2401-01	MW2	Water	Naphthalene	*	2.50	J	0.20	1.00	ug/L
			Total Tics :		632				
			Total Concentration:		638				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2401

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2401-01	MW2	1,2-Dichloroethane-d4	50	59.7	119	70 (74)	130 (125)
		Dibromofluoromethane	50	43.0	86	70 (75)	130 (124)
		Toluene-d8	50	44.0	88	70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87	70 (77)	130 (121)
VN0627WBL01	VN0627WBL01	1,2-Dichloroethane-d4	50	56.5	113	70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97	70 (75)	130 (124)
		Toluene-d8	50	45.1	90	70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.7	85	70 (77)	130 (121)
VN0627WBS01	VN0627WBS01	1,2-Dichloroethane-d4	50	51.2	102	70 (74)	130 (125)
		Dibromofluoromethane	50	48.5	97	70 (75)	130 (124)
		Toluene-d8	50	48.4	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.9	102	70 (77)	130 (121)
VN0627WBSD0	VN0627WBSD01	1,2-Dichloroethane-d4	50	49.1	98	70 (74)	130 (125)
		Dibromofluoromethane	50	56.8	114	70 (75)	130 (124)
		Toluene-d8	50	48.0	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2401

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087210.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0627WBS01	Chloromethane	20	19.3	ug/L	97			40 (65)	160 (116)	
	Vinyl chloride	20	19.4	ug/L	97			70 (65)	130 (117)	
	Bromomethane	20	17.7	ug/L	89			40 (58)	160 (125)	
	Chloroethane	20	16.6	ug/L	83			40 (56)	160 (128)	
	Tert butyl alcohol	100	90.8	ug/L	91			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	86.0	ug/L	86			40 (60)	160 (125)	
	Carbon disulfide	20	16.1	ug/L	81			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.7	ug/L	94			70 (78)	130 (114)	
	Methylene Chloride	20	17.8	ug/L	89			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.1	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.2	ug/L	86			70 (78)	130 (112)	
	2-Butanone	100	90.9	ug/L	91			40 (65)	160 (122)	
	Carbon Tetrachloride	20	21.4	ug/L	107			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.1	ug/L	86			70 (77)	130 (110)	
	Chloroform	20	18.1	ug/L	91			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	16.2	ug/L	81			70 (80)	130 (108)	
	Benzene	20	21.9	ug/L	110			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.8	ug/L	109			70 (80)	130 (115)	
	Trichloroethene	20	21.5	ug/L	108			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.8	ug/L	104			70 (83)	130 (111)	
	Bromodichloromethane	20	19.4	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	93.2	ug/L	93			40 (74)	160 (118)	
	Toluene	20	18.5	ug/L	93			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.2	ug/L	96			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.2	ug/L	91			70 (83)	130 (112)	
	2-Hexanone	100	77.0	ug/L	77			40 (73)	160 (117)	
	Dibromochloromethane	20	17.3	ug/L	86			70 (82)	130 (110)	
	Tetrachloroethene	20	18.9	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	18.8	ug/L	94			70 (83)	130 (109)	
	m/p-Xylenes	40	38.4	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	20.0	ug/L	100			70 (83)	130 (109)	
	Styrene	20	19.8	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.6	ug/L	98			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/L	95			70 (76)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2401

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087211.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0627WBSD01	Chloromethane	20	22.1	ug/L	111	13		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.0	ug/L	95	2		70 (65)	130 (117)	20 (19)
	Bromomethane	20	21.4	ug/L	107	18		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.5	ug/L	103	22	*	40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	110	ug/L	110	19		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	20.6	ug/L	103	11		70 (74)	130 (110)	20 (20)
	Acetone	100	110	ug/L	110	24	*	40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	20.9	ug/L	104	25	*	40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	22.5	ug/L	113	18		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	21.9	ug/L	110	21	*	70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	20.4	ug/L	102	11		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	20.7	ug/L	104	19		70 (78)	130 (112)	20 (20)
	2-Butanone	100	110	ug/L	110	19		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.4	ug/L	92	15		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	11		70 (77)	130 (110)	20 (20)
	Chloroform	20	21.7	ug/L	109	18		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.4	ug/L	102	23	*	70 (80)	130 (108)	20 (20)
	Benzene	20	17.1	ug/L	86	24	*	70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.9	ug/L	95	14		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	17.8	ug/L	89	19		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	16.3	ug/L	81	25	*	70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	17.8	ug/L	89	9		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	81.5	ug/L	82	13		40 (74)	160 (118)	20 (25)
	Toluene	20	18.6	ug/L	93	0		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	22.1	ug/L	111	14		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	17.5	ug/L	88	10		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.9	ug/L	110	19		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	91.6	ug/L	92	18		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.4	ug/L	97	12		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	19.9	ug/L	100	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.2	ug/L	91	4		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.5	ug/L	93	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	37.9	ug/L	95	1		70 (82)	130 (110)	20 (15)
	o-Xylene	20	20.4	ug/L	102	2		70 (83)	130 (109)	20 (20)
	Styrene	20	20.2	ug/L	101	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.9	ug/L	95	3		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	1		70 (76)	130 (118)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0627WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087209.D Lab Sample ID: VN0627WBL01

Date Analyzed: 06/27/2025 Time Analyzed: 10:33

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
VN0627WBS01	VN0627WBS01	VN087210.D	06/27/2025
VN0627WBSD01	VN0627WBSD01	VN087211.D	06/27/2025
MW2	Q2401-01	VN087213.D	06/27/2025

COMMENTS:

Raw Data: **VN087197.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087197.D BFB Injection Date: 06/26/2025

Instrument ID: MSVOA_N BFB Injection Time: 16:13

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	18.5
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	70.6
175	5.0 - 9.0% of mass 174	5.2 (7.4) 1
176	95.0 - 101.0% of mass 174	67.7 (95.9) 1
177	5.0 - 9.0% of mass 176	4.4 (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
VSTDICC001	VSTDICC001	VN087198.D	06/26/2025	16:34
VSTDICC005	VSTDICC005	VN087199.D	06/26/2025	17:15
VSTDICC020	VSTDICC020	VN087200.D	06/26/2025	17:36
VSTDICCC050	VSTDICCC050	VN087201.D	06/26/2025	17:57
VSTDICC100	VSTDICC100	VN087202.D	06/26/2025	18:18
VSTDICC150	VSTDICC150	VN087203.D	06/26/2025	18:39

Raw Data: **VN087206.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087206.D BFB Injection Date: 06/27/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:09

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	17.9
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	71
175	5.0 - 9.0% of mass 174	5.3 (7.4) 1
176	95.0 - 101.0% of mass 174	68.1 (95.9) 1
177	5.0 - 9.0% of mass 176	4.2 (6.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087207.D	06/27/2025	09:38
VN0627WBL01	VN0627WBL01	VN087209.D	06/27/2025	10:33
VN0627WBS01	VN0627WBS01	VN087210.D	06/27/2025	10:53
VN0627WBSD01	VN0627WBSD01	VN087211.D	06/27/2025	11:27
MW2	Q2401-01	VN087213.D	06/27/2025	12:08

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087207.D Date Analyzed: 06/27/2025

Instrument ID: MSVOA_N Time Analyzed: 09:38

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	196333	8.23	346797	9.11	266770	11.87
UPPER LIMIT	392666	8.73	693594	9.606	533540	12.365
LOWER LIMIT	98166.5	7.73	173399	8.606	133385	11.365
EPA SAMPLE NO.						
MW2	141577	8.23	317471	9.11	253799	11.87
VN0627WBL01	196165	8.23	398772	9.10	333801	11.87
VN0627WBS01	176379	8.23	277531	9.11	254005	11.87
VN0627WBSD01	143301	8.23	249904	9.11	238840	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087207.D Date Analyzed: 06/27/2025

Instrument ID: MSVOA_N Time Analyzed: 09:38

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

	IS4 AREA #	RT #				
12 HOUR STD	145043	13.788				
UPPER LIMIT	290086	14.288				
LOWER LIMIT	72521.5	13.288				
EPA SAMPLE NO.						
MW2	122086	13.79				
VN0627WBL01	147923	13.79				
VN0627WBS01	127421	13.79				
VN0627WBSD01	118817	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.

SAMPLE DATA

Raw Data: **VN087213.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:	06/23/25	
Project:	Laurel		Date Received:	06/23/25	
Client Sample ID:	MW2		SDG No.:	Q2401	
Lab Sample ID:	Q2401-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.84	J	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	0.98	J	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Raw Data: **VN087213.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:	06/23/25	
Project:	Laurel		Date Received:	06/23/25	
Client Sample ID:	MW2		SDG No.:	Q2401	
Lab Sample ID:	Q2401-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.20		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	1.60	J	0.24	2.00	ug/L
95-47-6	o-Xylene	1.40		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.7		70 (74) - 130 (125)	119%	SPK: 50
1868-53-7	Dibromofluoromethane	43.0		70 (75) - 130 (124)	86%	SPK: 50
2037-26-5	Toluene-d8	44.0		70 (86) - 130 (113)	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		70 (77) - 130 (121)	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	142000	8.23			
540-36-3	1,4-Difluorobenzene	317000	9.106			
3114-55-4	Chlorobenzene-d5	254000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						
000096-14-0	Pentane, 3-methyl-	25.0	J		5.84	ug/L
000096-37-7	Cyclopentane, methyl-	20.2	J		7.34	ug/L
110-82-7	Cyclohexane	9.20	J		8.26	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.9	J		8.34	ug/L
108-87-2	Methylcyclohexane	6.90	J		9.60	ug/L
98-82-8	Isopropylbenzene	8.70	J		12.7	ug/L
103-65-1	n-propylbenzene	30.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	30.8	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	43.2	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	120	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.80	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.50	J		13.7	ug/L
000105-05-5	Benzene, 1,4-diethyl-	22.0	J		13.9	ug/L
104-51-8	n-Butylbenzene	5.70	J		14.1	ug/L

Raw Data: **VN087213.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:	06/23/25
Project:	Laurel	Date Received:	06/23/25
Client Sample ID:	MW2	SDG No.:	Q2401
Lab Sample ID:	Q2401-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	17.7	J		14.2	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	52.0	J		14.3	ug/L
000767-58-8	Indan, 1-methyl-	34.5	J		14.4	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	35.0	J		14.6	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	18.4	J		14.7	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	22.6	J		14.9	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	50.8	J		15.0	ug/L
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	23.2	J		15.3	ug/L
097664-18-1	Benzene, 1-methyl-4-(1-methyl-2-pr	16.6	J		15.4	ug/L
91-20-3	Naphthalene	2.50	J		15.6	ug/L
000091-57-6	Naphthalene, 2-methyl-	17.0	J		16.8	ug/L

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 27 23:42:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	141577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121650	59.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.420%			
35) Dibromofluoromethane	8.171	113	88312	43.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.060%			
50) Toluene-d8	10.565	98	373564	44.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.020%			
62) 4-Bromofluorobenzene	12.847	95	127776	43.379	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.760%			
Target Compounds						Qvalue
31) Cyclohexane	8.259	56	28964	9.182	ug/l	91
39) Methylcyclohexane	9.600	83	25399	6.924	ug/l	92
40) Benzene	8.612	78	7802	0.840	ug/l	95
52) Toluene	10.629	92	5788	0.975	ug/l	93
67) Ethyl Benzene	11.959	91	11235	1.197	ug/l	99
68) m/p-Xylenes	12.076	106	5672	1.579	ug/l	90
69) o-Xylene	12.394	106	4722	1.446	ug/l	90
73) Isopropylbenzene	12.694	105	72069	8.720	ug/l	100
78) n-propylbenzene	13.035	91	307113	30.170	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	210383	30.835	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	837189	120.926	ug/l	99
85) sec-Butylbenzene	13.612	105	32879	3.808	ug/l #	55
86) p-Isopropyltoluene	13.723	119	10647	1.503	ug/l	93
89) n-Butylbenzene	14.053	91	37604m	5.715	ug/l	
95) Naphthalene	15.635	128	19735	2.455	ug/l	98

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

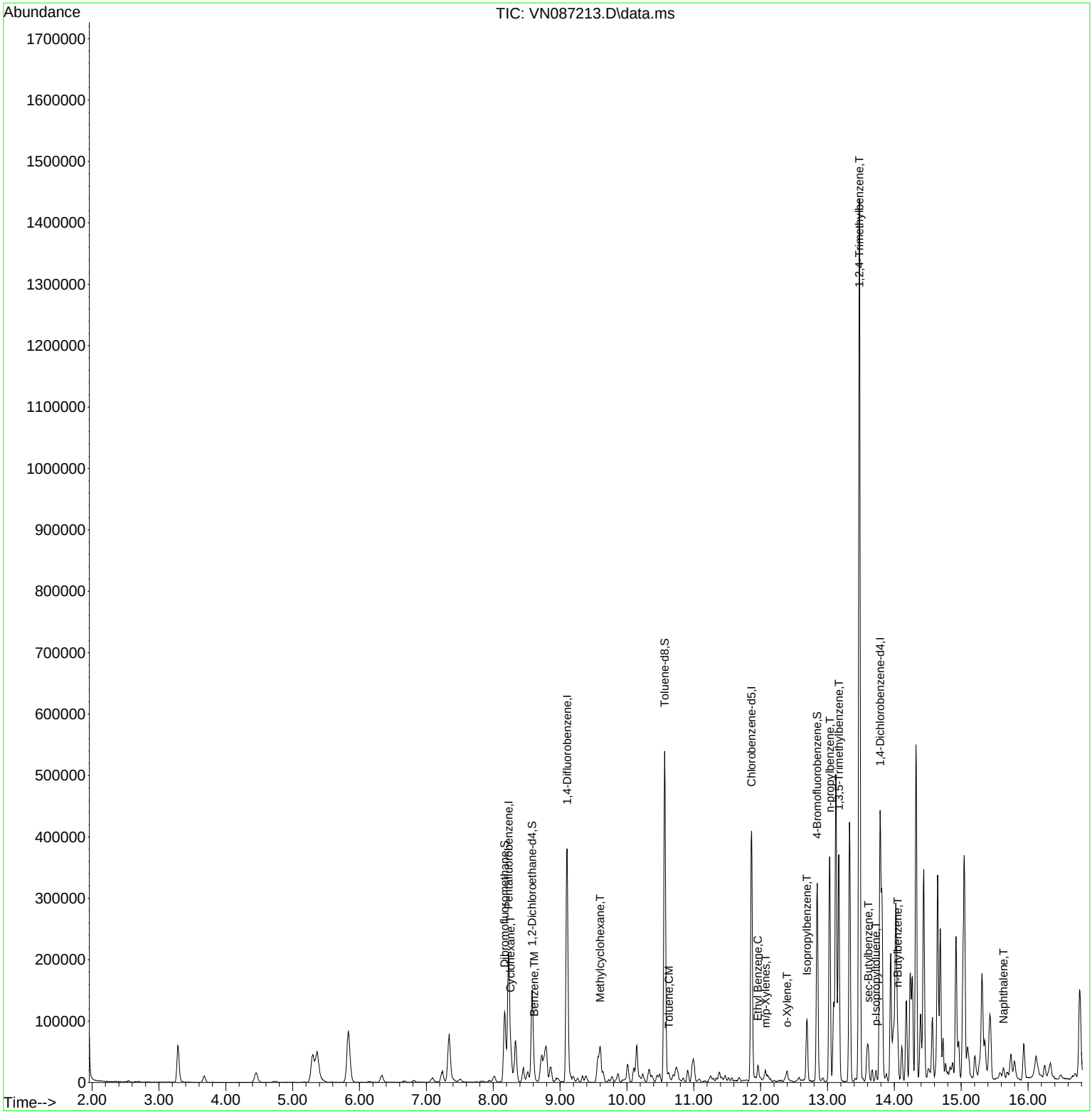
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

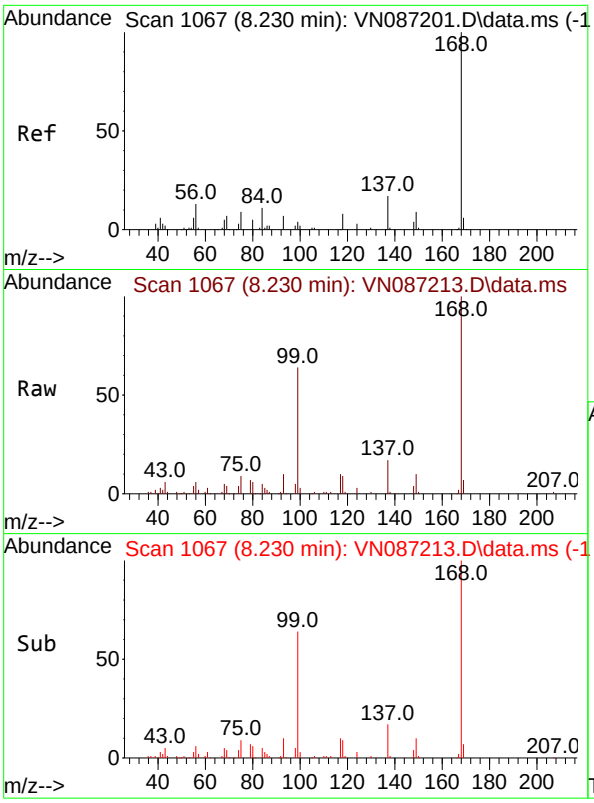
Quant Time: Jun 27 23:42:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

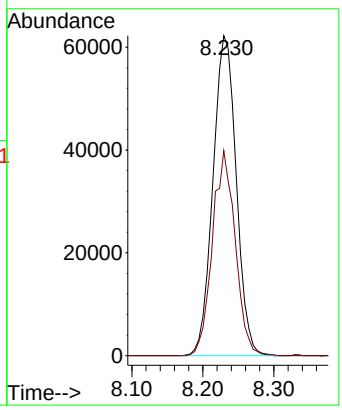
Tgt Ion:168 Resp: 14157

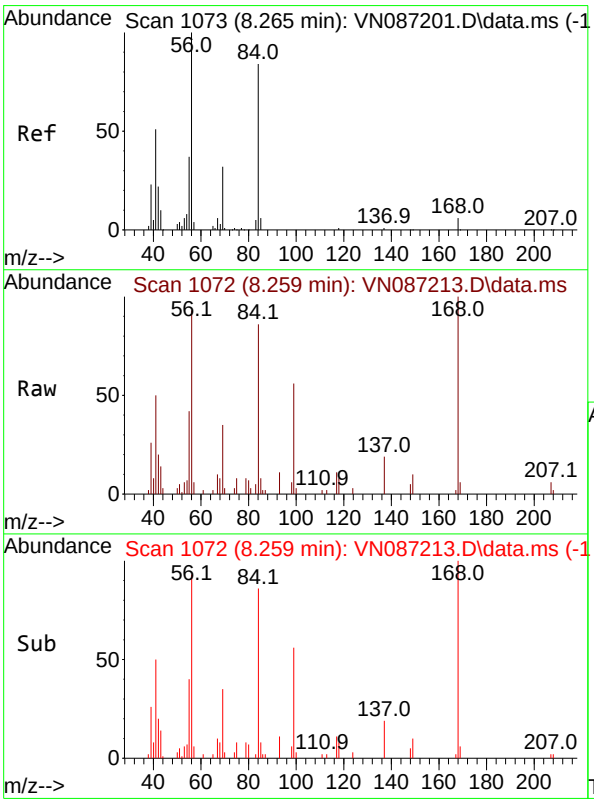
Ion	Ratio	Lower	Upper
168	100		
99	64.1	47.9	71.9

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

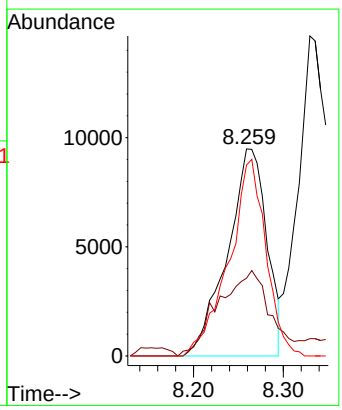


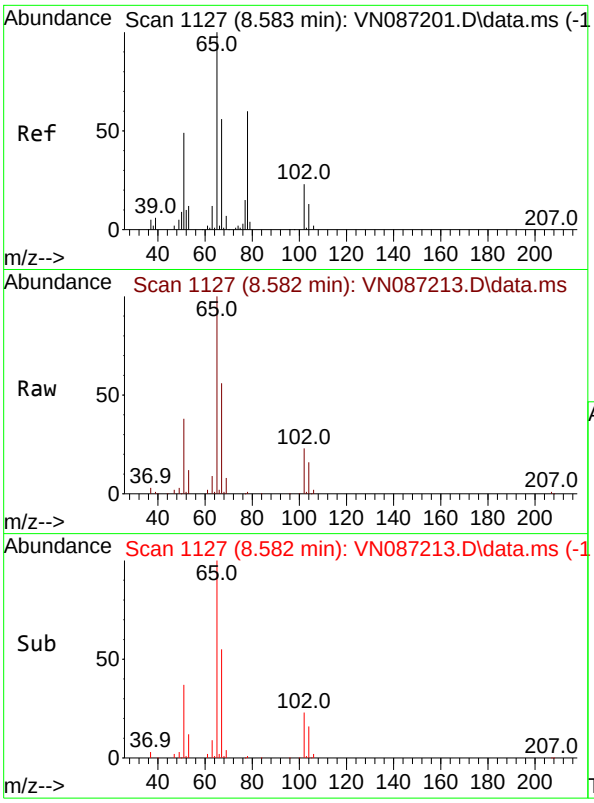


#31
Cyclohexane
Concen: 9.182 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 56 Resp: 28964

Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.3	37.9
84	92.2	67.4	101.0





#33
1,2-Dichloroethane-d4
Concen: 59.708 ug/l
RT: 8.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

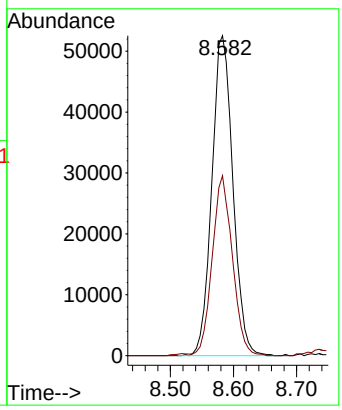
Tgt Ion: 65 Resp: 12165

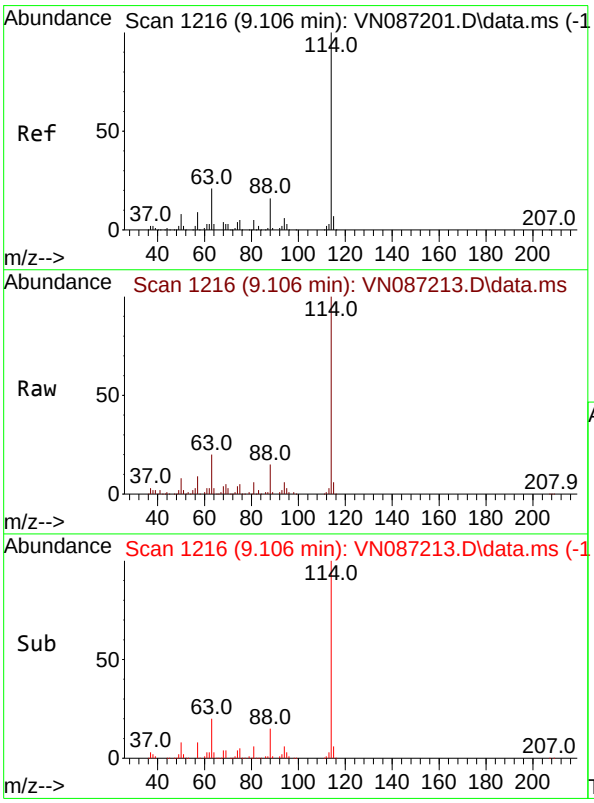
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.0

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

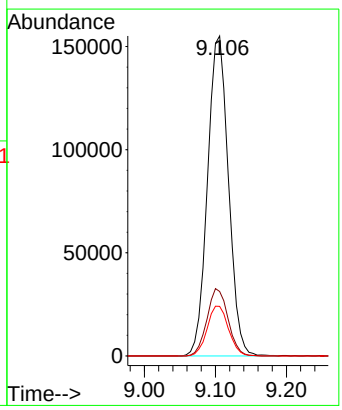


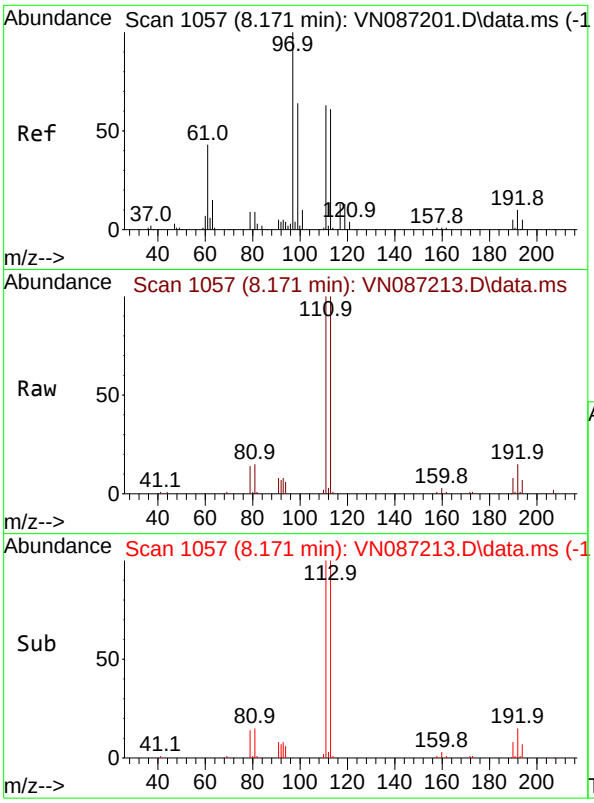


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:114 Resp: 317471

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.0
88	15.5	0.0	32.0

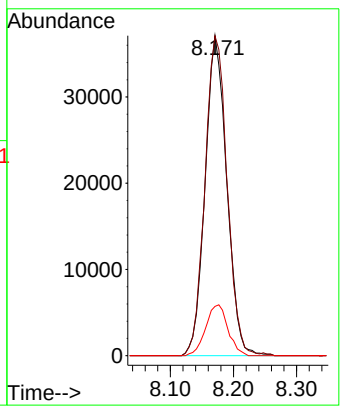




#35
Dibromofluoromethane
Concen: 43.027 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:113 Resp: 8831

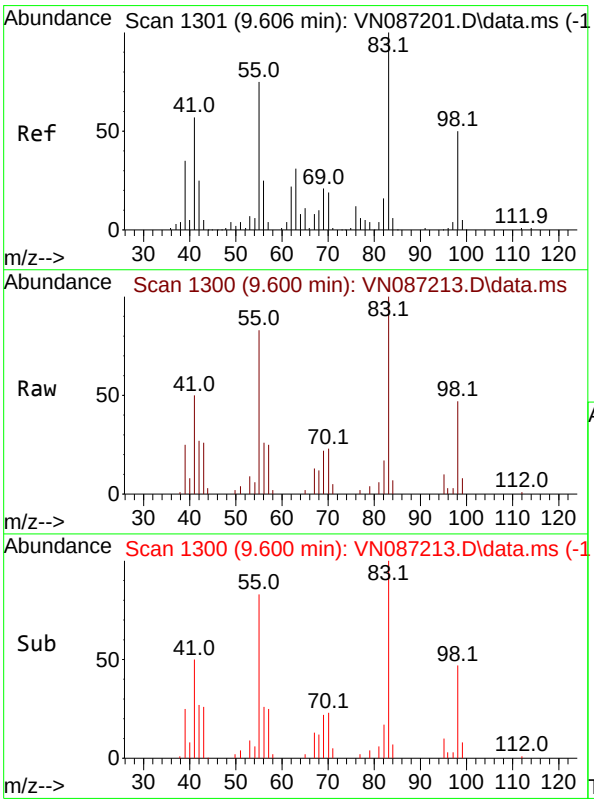
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	16.3	13.5	20.3



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

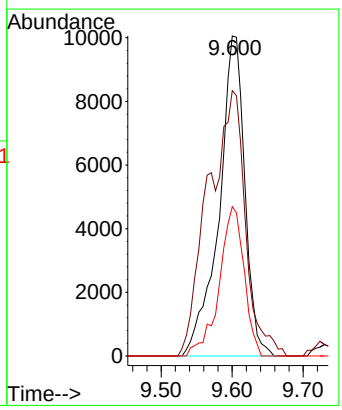
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

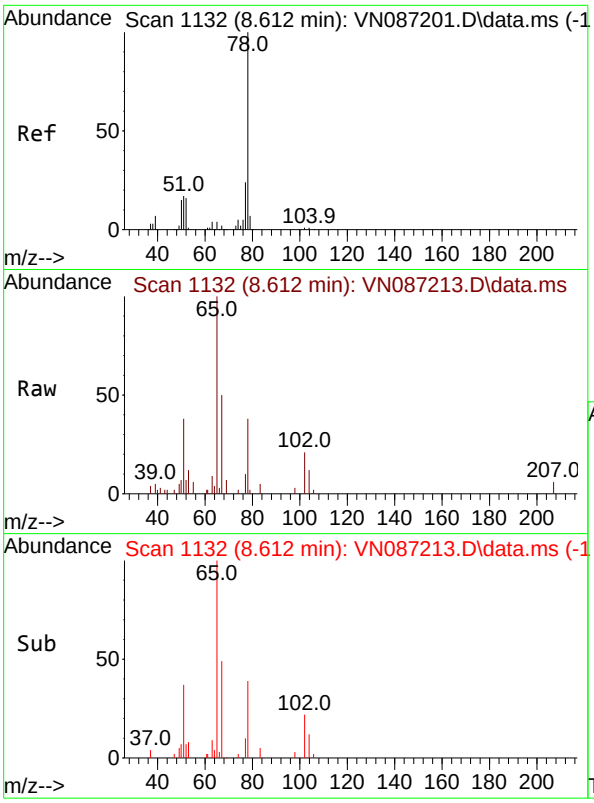


#39
Methylcyclohexane
Concen: 6.924 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 83 Resp: 25399

Ion	Ratio	Lower	Upper
83	100		
55	82.9	59.8	89.8
98	46.6	39.8	59.8





#40
Benzene
Concen: 0.840 ug/l
RT: 8.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

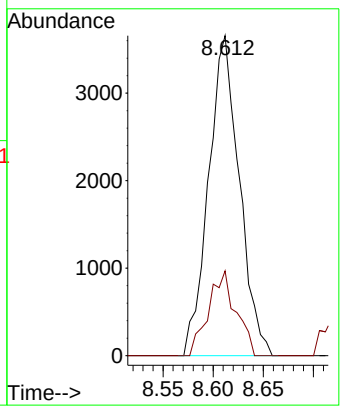
Tgt Ion: 78 Resp: 780

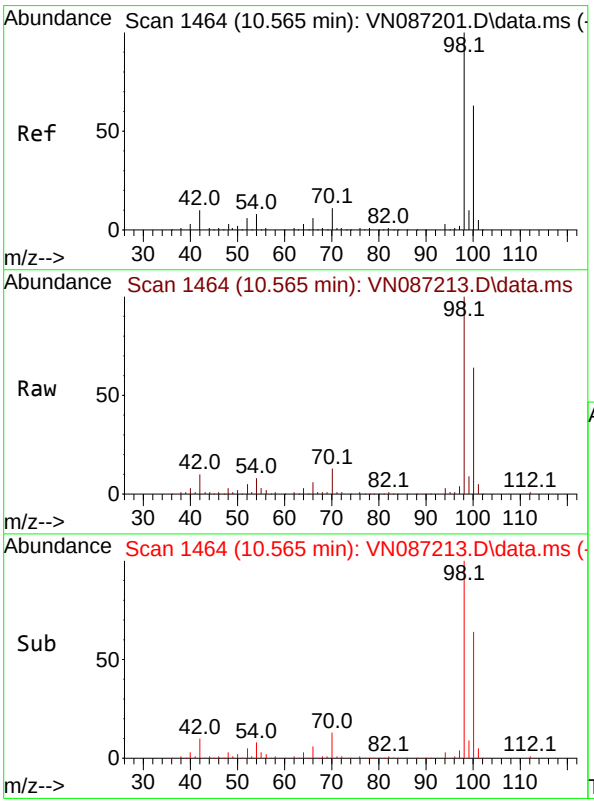
Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.0	28.6

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

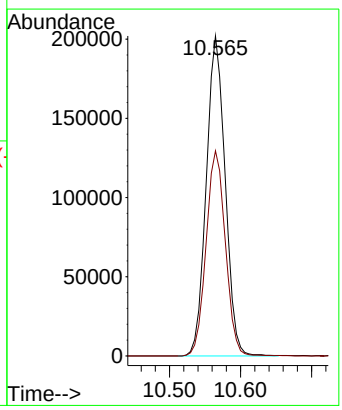


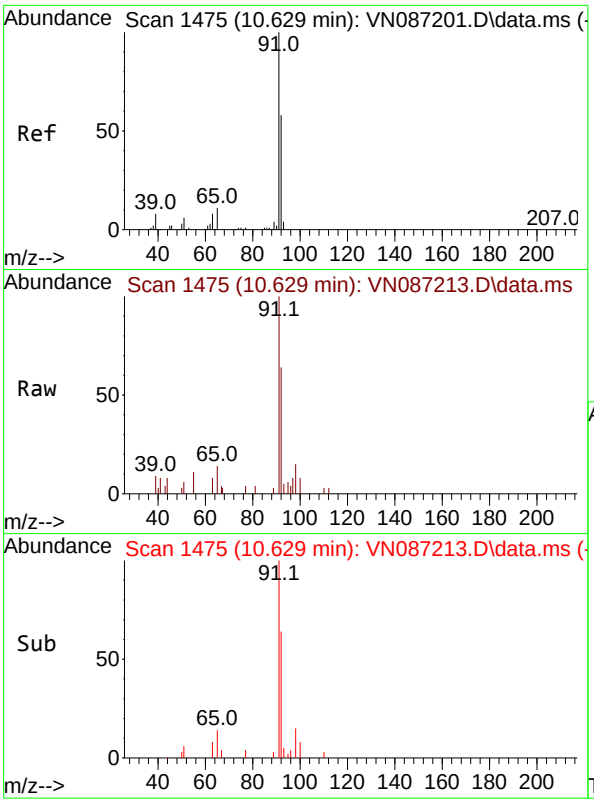


#50
Toluene-d8
Concen: 44.006 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 98 Resp: 373564

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1





#52
Toluene
Concen: 0.975 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

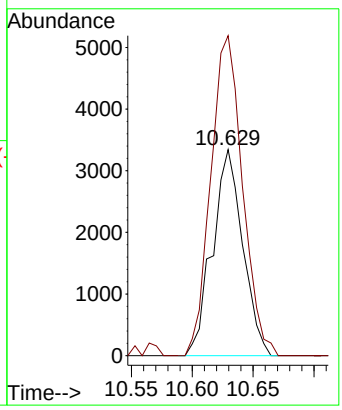
Tgt Ion: 92 Resp: 578

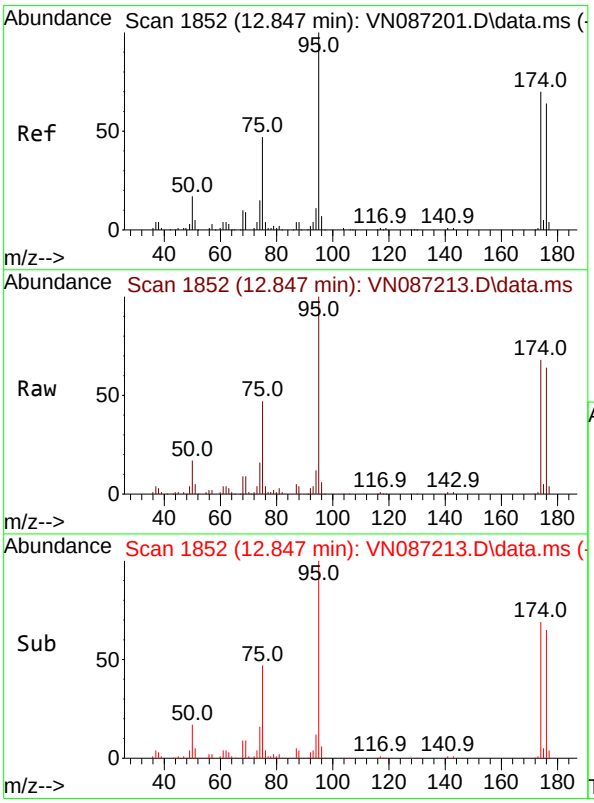
Ion	Ratio	Lower	Upper
92	100		
91	162.8	138.2	207.2

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

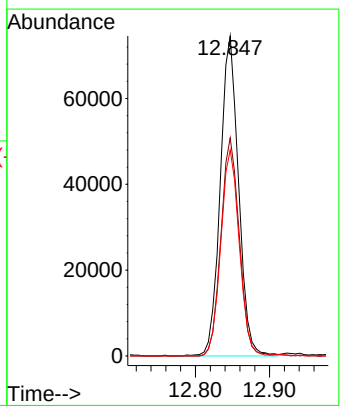


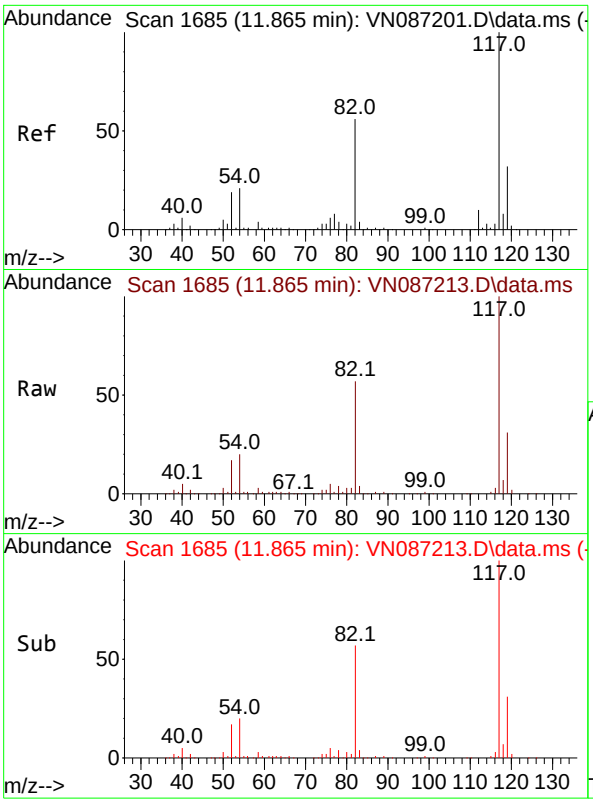


#62
4-Bromofluorobenzene
Concen: 43.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 95 Resp: 127776

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	142.2
176	64.8	0.0	134.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

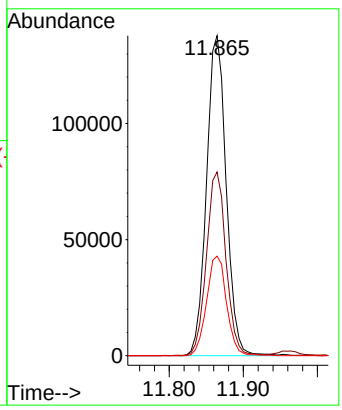
Tgt Ion:117 Resp: 25379

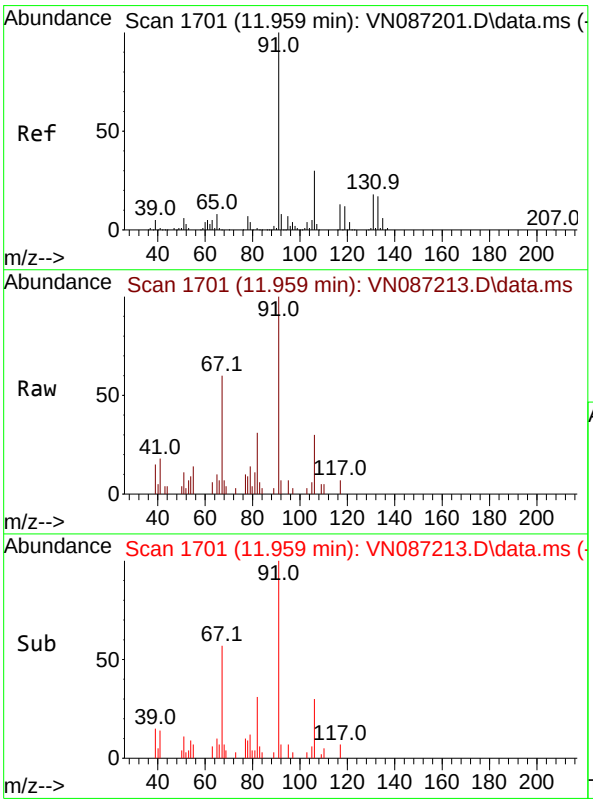
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.0	67.4
119	31.1	25.9	38.9

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

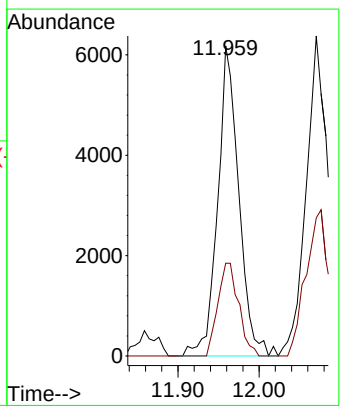


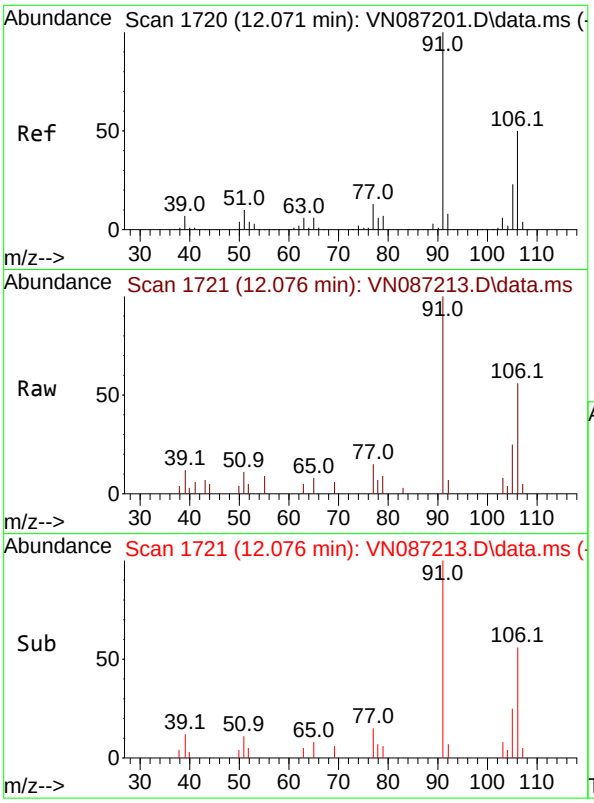


#67
Ethyl Benzene
Concen: 1.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 11235

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.2





#68
m/p-Xylenes
Concen: 1.579 ug/l
RT: 12.076 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

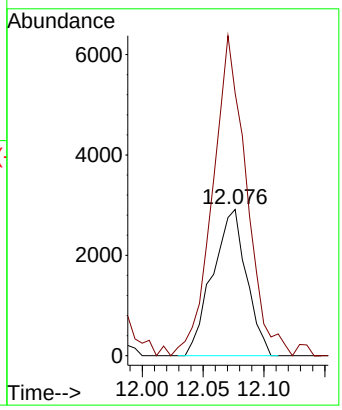
Tgt Ion:106 Resp: 567

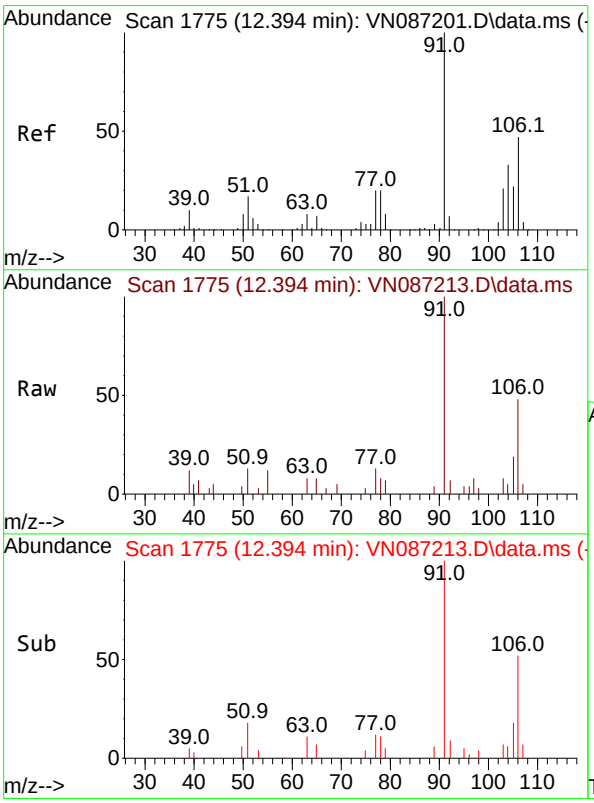
Ion	Ratio	Lower	Upper
106	100		
91	216.4	161.0	241.6

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

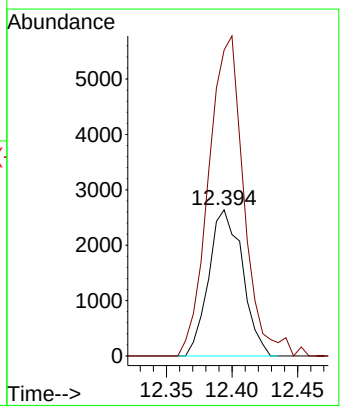


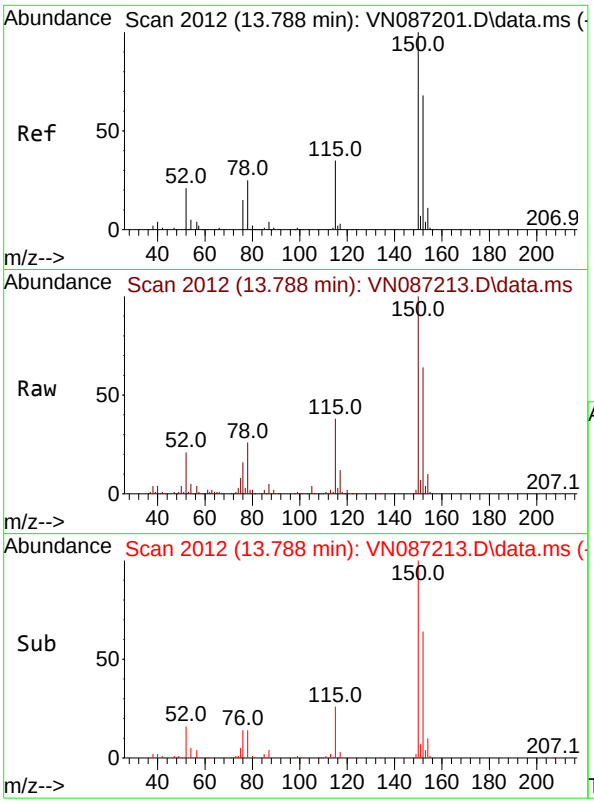


#69
o-Xylene
Concen: 1.446 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:106 Resp: 4722

Ion	Ratio	Lower	Upper
106	100		
91	229.1	106.7	320.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

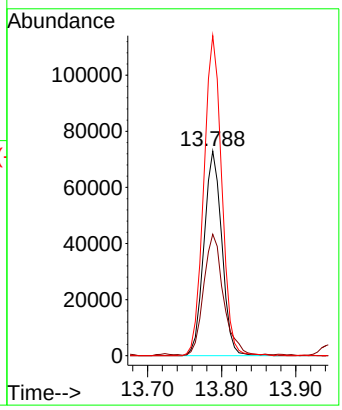
Tgt Ion:152 Resp: 12208

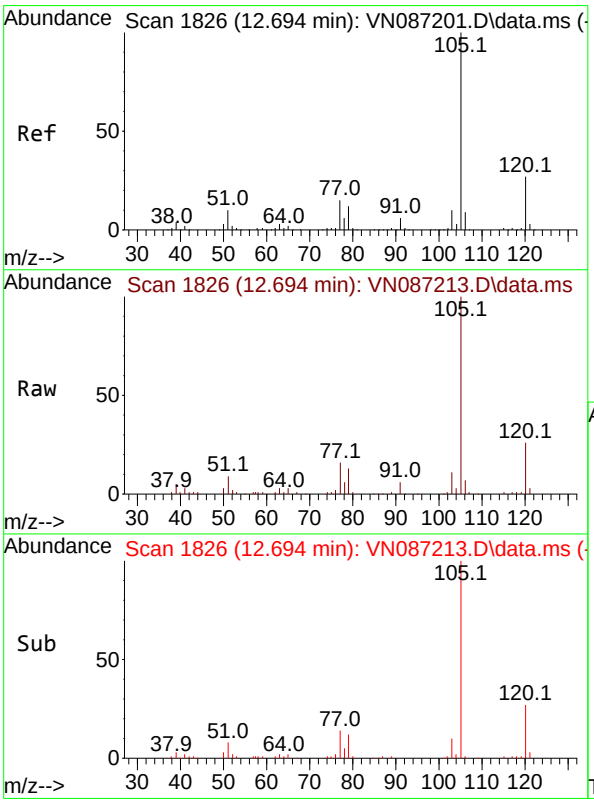
Ion	Ratio	Lower	Upper
152	100		
115	65.2	30.6	91.8
150	157.0	0.0	347.8

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

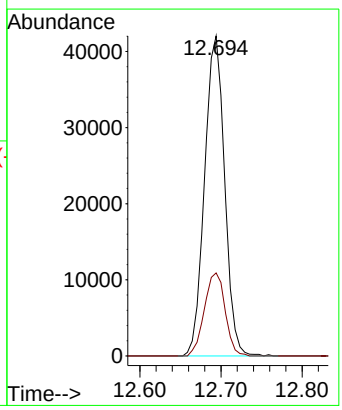


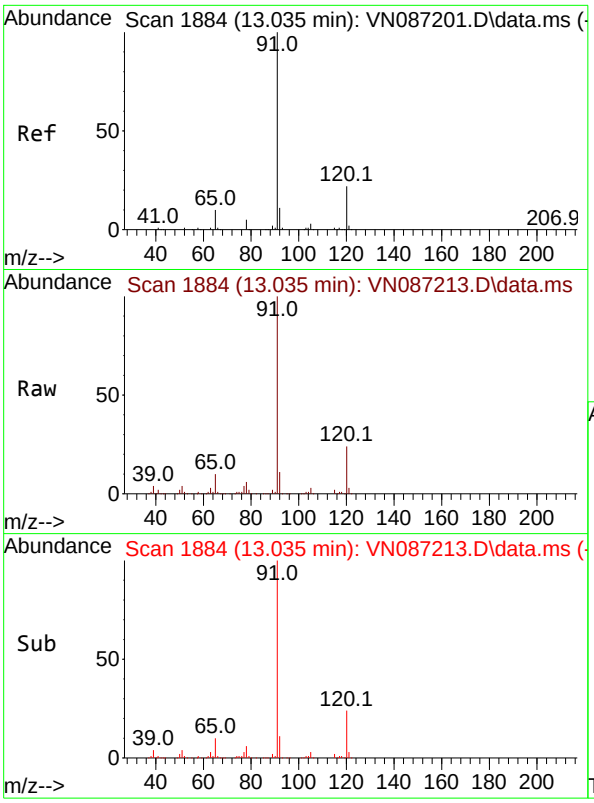


#73
Isopropylbenzene
Concen: 8.720 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:105 Resp: 72069

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

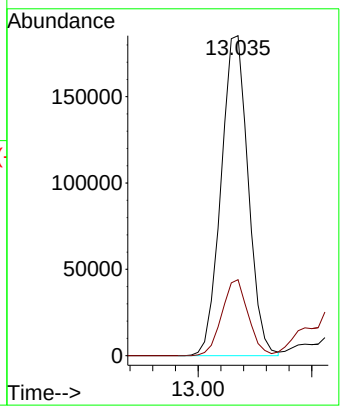




#78
n-propylbenzene
Concen: 30.170 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 30711

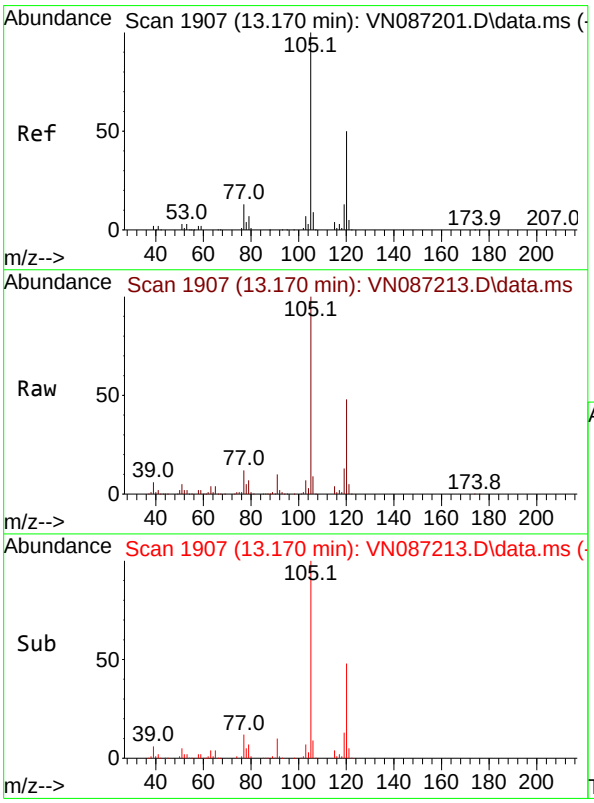
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

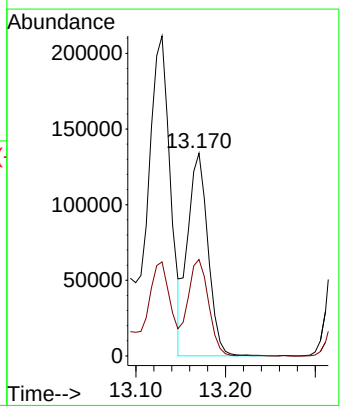
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

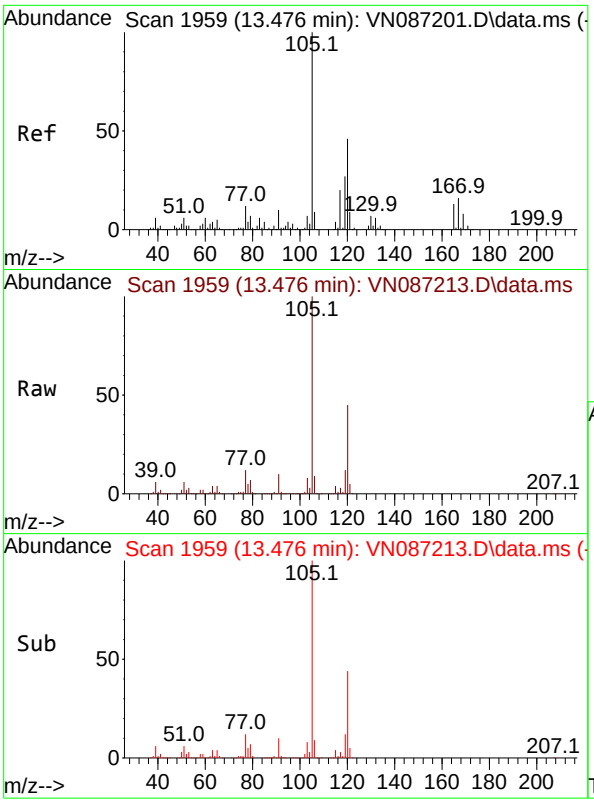


#80
1,3,5-Trimethylbenzene
Concen: 30.835 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:105 Resp: 210383

Ion	Ratio	Lower	Upper
105	100		
120	48.8	25.1	75.3





#84
1,2,4-Trimethylbenzene
Concen: 120.926 ug/l
RT: 13.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

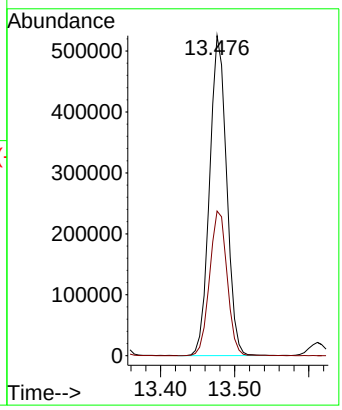
Tgt Ion:105 Resp: 83718

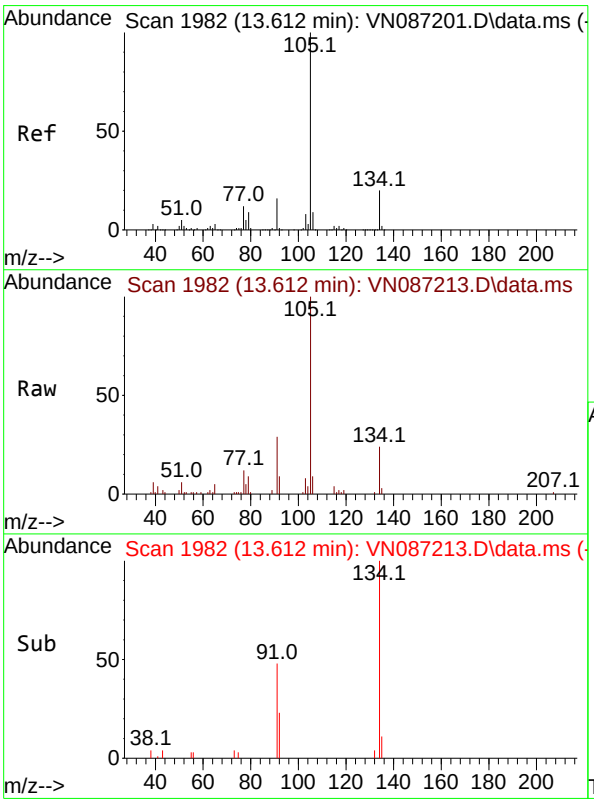
Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

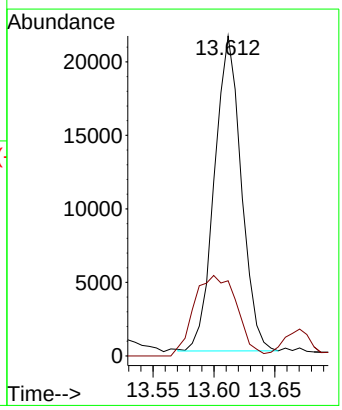


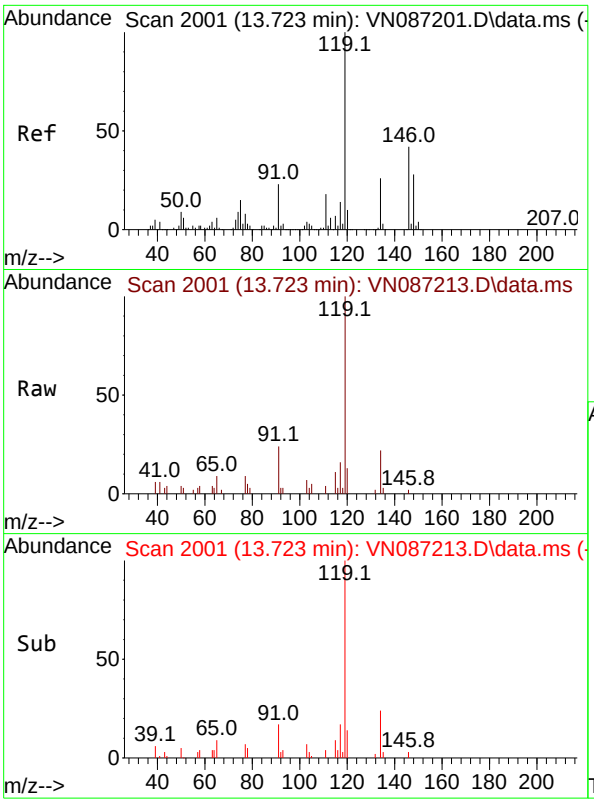


#85
sec-Butylbenzene
Concen: 3.808 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:105 Resp: 32879

Ion	Ratio	Lower	Upper
105	100		
134	40.6	9.9	29.7#

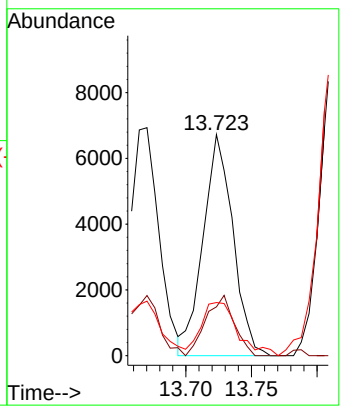




#86
p-Isopropyltoluene
Concen: 1.503 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:119 Resp: 1064

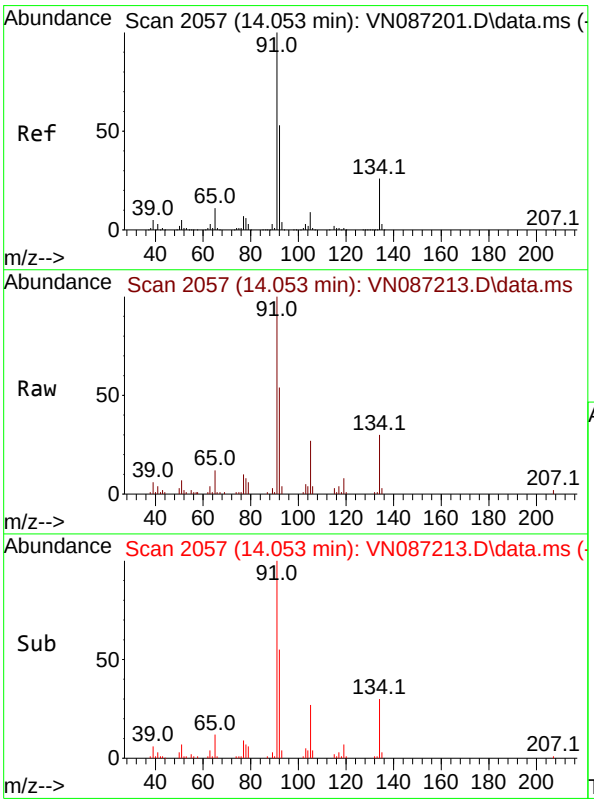
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.4	40.1
91	29.1	11.5	34.4



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

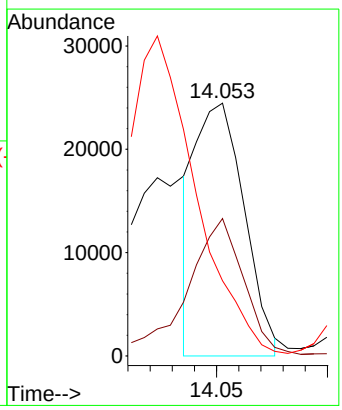
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

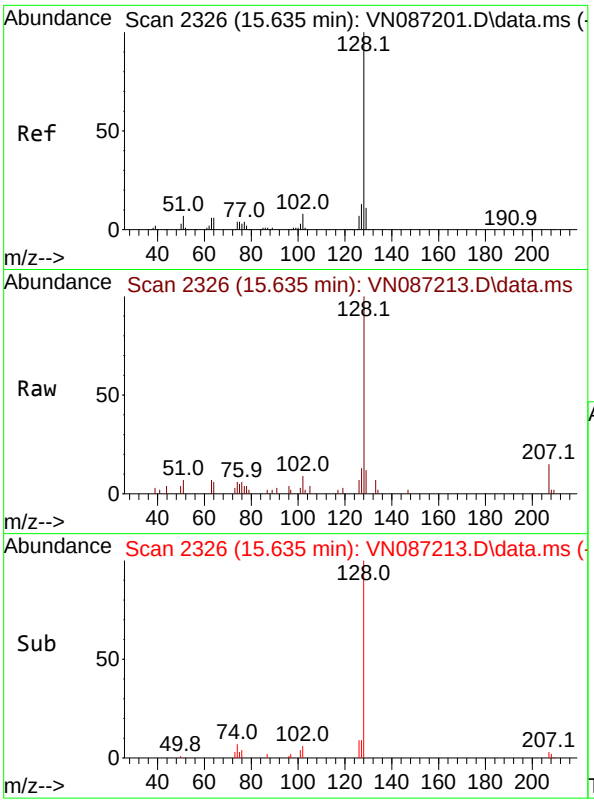


#89
n-Butylbenzene
Concen: 5.715 ug/l m
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 37604

Ion	Ratio	Lower	Upper
91	100		
92	61.6	26.9	80.7
134	0.0	12.8	38.4#

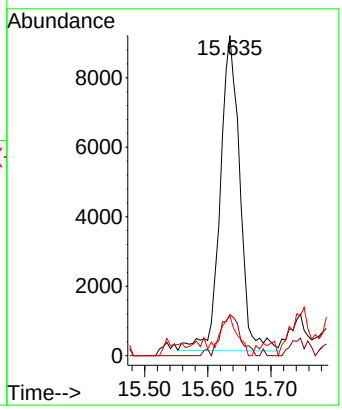




#95
Naphthalene
Concen: 2.455 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:128 Resp: 1973

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.4	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Sample Results: **VN087213.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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\82N062625W.M
Title : SW846 8260

Signal : TIC: VN087213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.283	217	226	244	rVB2	59191	142037	6.22%	0.686%
2	3.677	285	293	304	rVB2	10564	27373	1.20%	0.132%
3	4.453	415	425	437	rBV3	15434	52201	2.28%	0.252%
4	5.300	555	569	573	rBV3	45103	145786	6.38%	0.704%
5	5.836	647	660	678	rBV2	82748	281467	12.32%	1.359%
6	6.341	734	746	755	rBV3	11306	33159	1.45%	0.160%
7	7.241	889	899	906	rBV2	17981	46922	2.05%	0.227%
8	7.341	906	916	937	rVB	77912	227703	9.97%	1.099%
9	8.018	1022	1031	1040	rVB4	9714	26901	1.18%	0.130%
10	8.171	1046	1057	1062	rBV2	114046	283730	12.42%	1.370%
11	8.230	1062	1067	1078	rVV2	209071	562618	24.63%	2.717%
12	8.335	1078	1085	1097	rVB	66857	167359	7.33%	0.808%
13	8.453	1097	1105	1110	rBV	23301	47439	2.08%	0.229%
14	8.518	1110	1116	1120	rVV3	16236	38613	1.69%	0.186%
15	8.582	1120	1127	1141	rVV	149482	354948	15.54%	1.714%
16	8.729	1142	1152	1154	rVV5	43207	106103	4.64%	0.512%
17	8.788	1157	1162	1169	rVV4	58058	161892	7.09%	0.782%
18	8.859	1169	1174	1183	rVB4	23912	57408	2.51%	0.277%
19	9.106	1207	1216	1228	rBV	379995	820219	35.90%	3.960%
20	9.388	1259	1264	1271	rVB4	10235	23345	1.02%	0.113%
21	9.571	1285	1295	1296	rBV2	42193	78486	3.44%	0.379%
22	9.600	1296	1300	1306	rVB3	44171	93907	4.11%	0.453%
23	9.865	1335	1345	1353	rVB5	13843	32397	1.42%	0.156%
24	10.012	1364	1370	1379	rVB3	28752	63444	2.78%	0.306%
25	10.106	1379	1386	1388	rBV2	23053	43318	1.90%	0.209%
26	10.147	1388	1393	1404	rVV2	55758	116597	5.10%	0.563%
27	10.235	1404	1408	1416	rVB5	12806	27491	1.20%	0.133%
28	10.329	1416	1424	1429	rBV5	20347	49167	2.15%	0.237%
29	10.565	1456	1464	1471	rBV	538196	1012007	44.29%	4.886%
30	10.741	1488	1494	1507	rVB8	22299	68188	2.98%	0.329%
31	10.906	1518	1522	1529	rBV3	18988	35499	1.55%	0.171%
32	10.994	1529	1537	1545	rVV6	37535	105878	4.63%	0.511%
33	11.253	1572	1581	1586	rBV7	9927	26451	1.16%	0.128%
34	11.865	1677	1685	1693	rBV	407362	761302	33.32%	3.676%
35	11.959	1697	1701	1712	rVB2	23764	46132	2.02%	0.223%
36	12.070	1712	1720	1724	rBV2	15598	30413	1.33%	0.147%

Sample Results: **VN087213.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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\82N062625W.M
Title : SW846 8260

37	12.400	1765	1776	1784	rBV4	17254	45911	2.01%	0.222%
38	12.694	1819	1826	1833	rVB	99825	177477	7.77%	0.857%
39	12.847	1845	1852	1861	rBV	322044	551017	24.12%	2.661%
40	13.035	1872	1884	1889	rBV	366195	614257	26.89%	2.966%
41	13.094	1889	1894	1895	rVV	128767	175354	7.68%	0.847%
42	13.129	1895	1900	1903	rVV	498953	837828	36.67%	4.045%
43	13.170	1903	1907	1914	rVB	367924	583740	25.55%	2.819%
44	13.329	1927	1934	1943	rVB	422385	698613	30.58%	3.373%
45	13.476	1952	1959	1967	rBV	1434292	2284721	100.00%	11.032%
46	13.600	1972	1980	1988	rBV3	60727	150256	6.58%	0.726%
47	13.670	1988	1992	1996	rVB	18013	26226	1.15%	0.127%
48	13.723	1996	2001	2005	rBV2	17376	26074	1.14%	0.126%
49	13.788	2005	2012	2015	rBV	438234	809065	35.41%	3.907%
50	13.947	2033	2039	2043	rBV	208193	355153	15.54%	1.715%
51	14.023	2043	2052	2062	rVB5	286743	773975	33.88%	3.737%
52	14.112	2062	2067	2073	rVB	54952	85812	3.76%	0.414%
53	14.182	2073	2079	2083	rBV	128999	215127	9.42%	1.039%
54	14.241	2083	2089	2091	rBV	168376	286012	12.52%	1.381%
55	14.270	2091	2094	2098	rVB	154142	222245	9.73%	1.073%
56	14.323	2098	2103	2109	rVB	541125	841358	36.83%	4.062%
57	14.394	2109	2115	2118	rBV	102563	177920	7.79%	0.859%
58	14.441	2118	2123	2130	rVB2	338697	557968	24.42%	2.694%
59	14.506	2130	2134	2140	rBV6	13927	32713	1.43%	0.158%
60	14.570	2140	2145	2150	rVB2	97390	156503	6.85%	0.756%
61	14.647	2150	2158	2162	rBV	329133	566461	24.79%	2.735%
62	14.688	2162	2165	2169	rVV	215750	296935	13.00%	1.434%
63	14.729	2169	2172	2176	rVB	54347	66957	2.93%	0.323%
64	14.923	2199	2205	2209	rBV2	221954	365487	16.00%	1.765%
65	14.964	2209	2212	2217	rVB	58427	83890	3.67%	0.405%
66	15.047	2217	2226	2231	rBV3	361294	822221	35.99%	3.970%
67	15.094	2231	2234	2247	rVB3	49944	119752	5.24%	0.578%
68	15.206	2247	2253	2260	rBV3	35569	75027	3.28%	0.362%
69	15.311	2260	2271	2276	rBV2	164810	375127	16.42%	1.811%
70	15.429	2284	2291	2300	rVB4	105829	268604	11.76%	1.297%
71	15.629	2321	2325	2331	rVB	16248	30258	1.32%	0.146%
72	15.747	2339	2345	2349	rBV3	33447	65466	2.87%	0.316%
73	15.794	2349	2353	2366	rVB2	29199	68616	3.00%	0.331%
74	15.935	2370	2377	2384	rBV	59035	121858	5.33%	0.588%
75	16.123	2399	2409	2420	rBV4	33333	103812	4.54%	0.501%
76	16.247	2425	2430	2437	rVV	20203	43419	1.90%	0.210%

Sample Results: **VN087213.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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\82N062625W.M
Title : SW846 8260

77	16.335	2437	2445	2458	rVB5	26101	77811	3.41%	0.376%
78	16.770	2512	2519	2522	rBV	140905	275636	12.06%	1.331%

Sum of corrected areas: 20710562

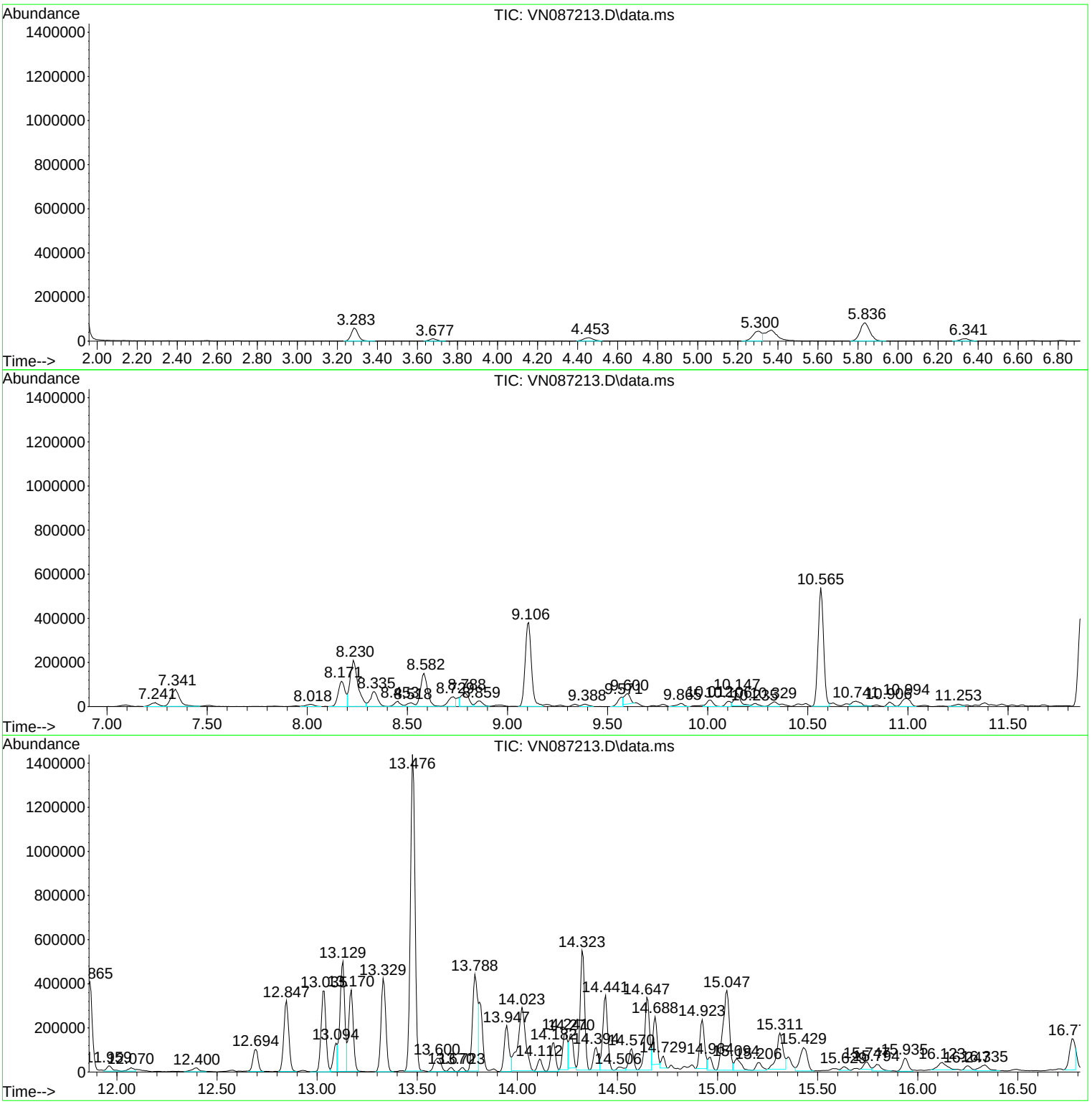
Sample Results: **VN087213.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

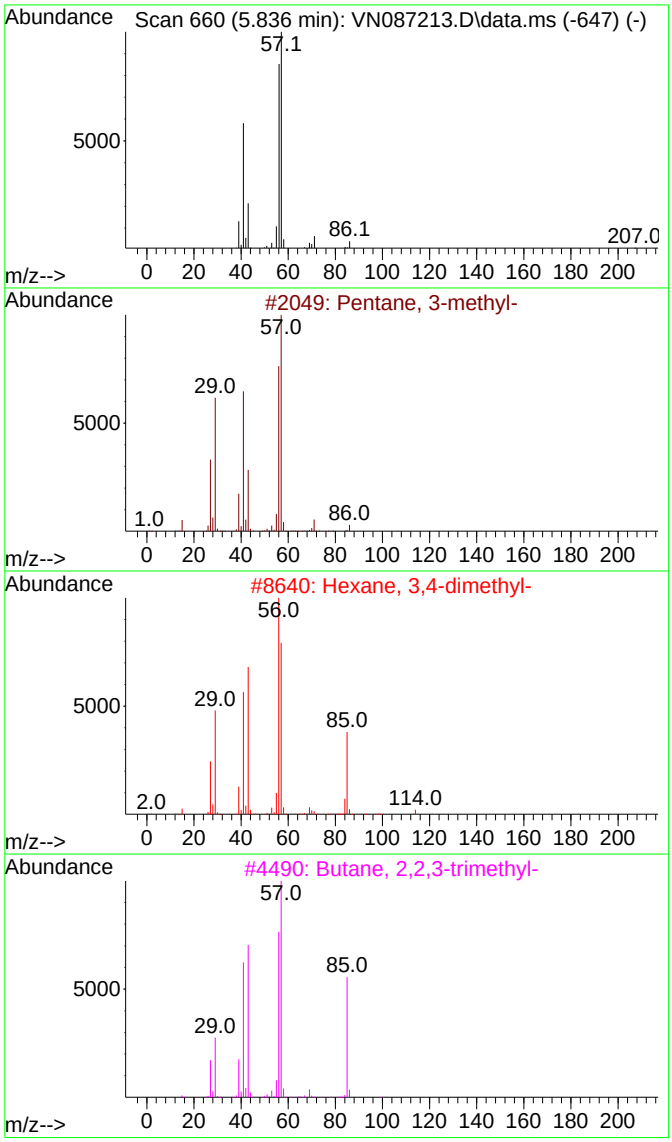
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

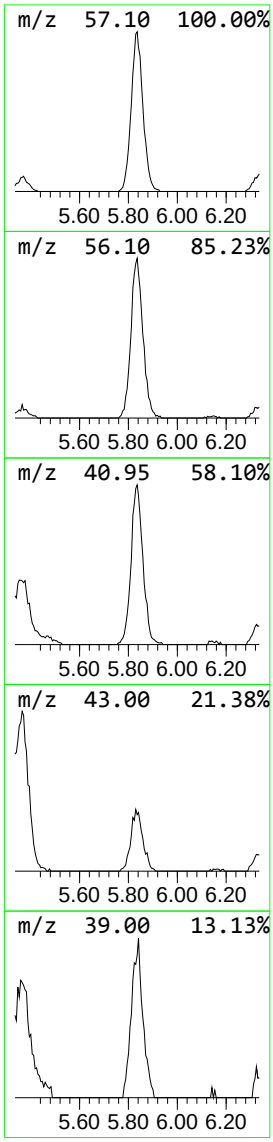
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.836	25.01 ug/l	281467	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

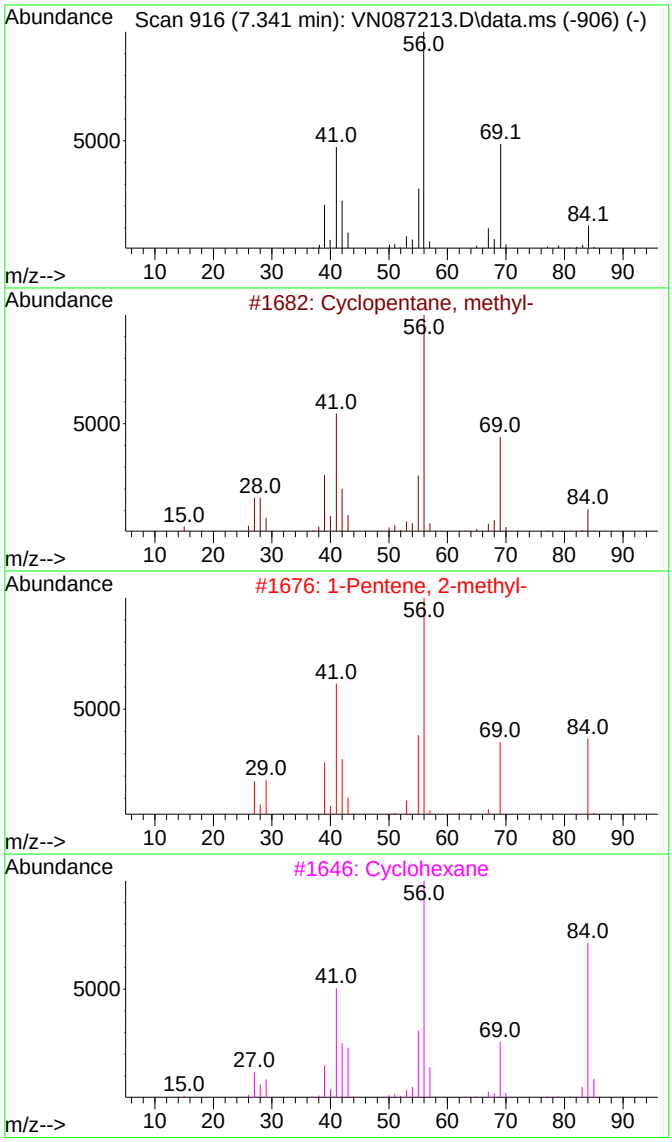
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

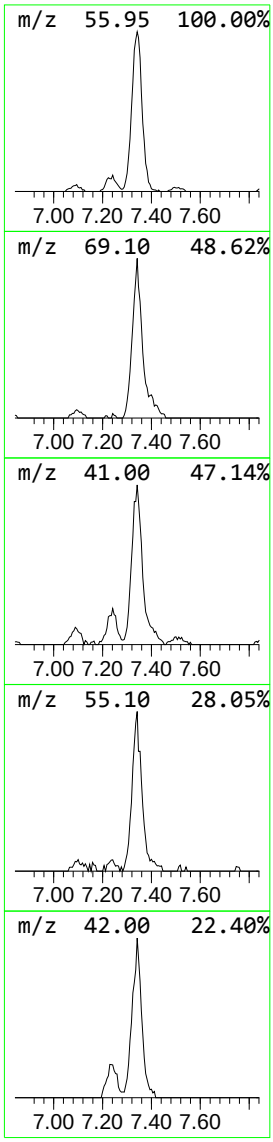
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.341	20.24 ug/l	227703	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

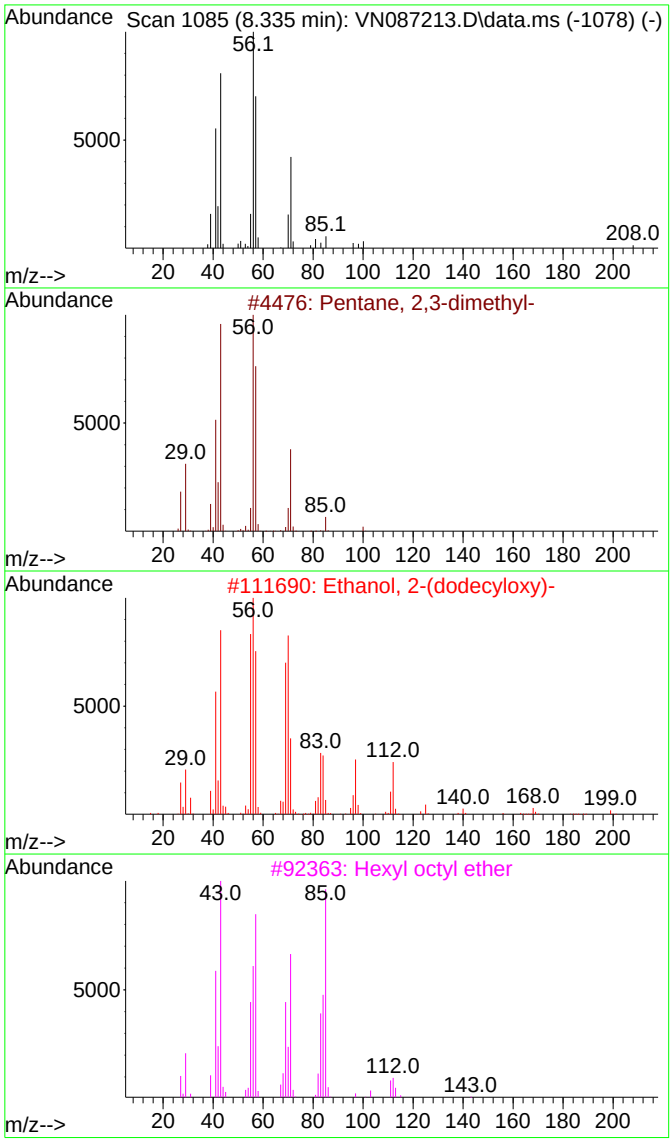
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

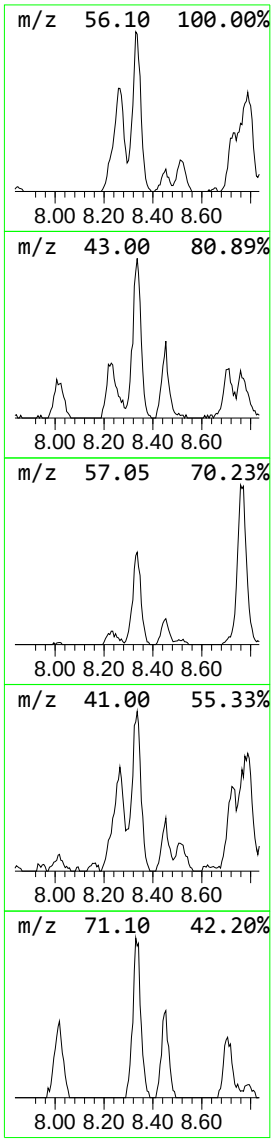
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.335	14.87 ug/l	167359	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	Hexyl octyl ether	214	C14H30O	017071-54-4	53
4	Heptane	100	C7H16	000142-82-5	47
5	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

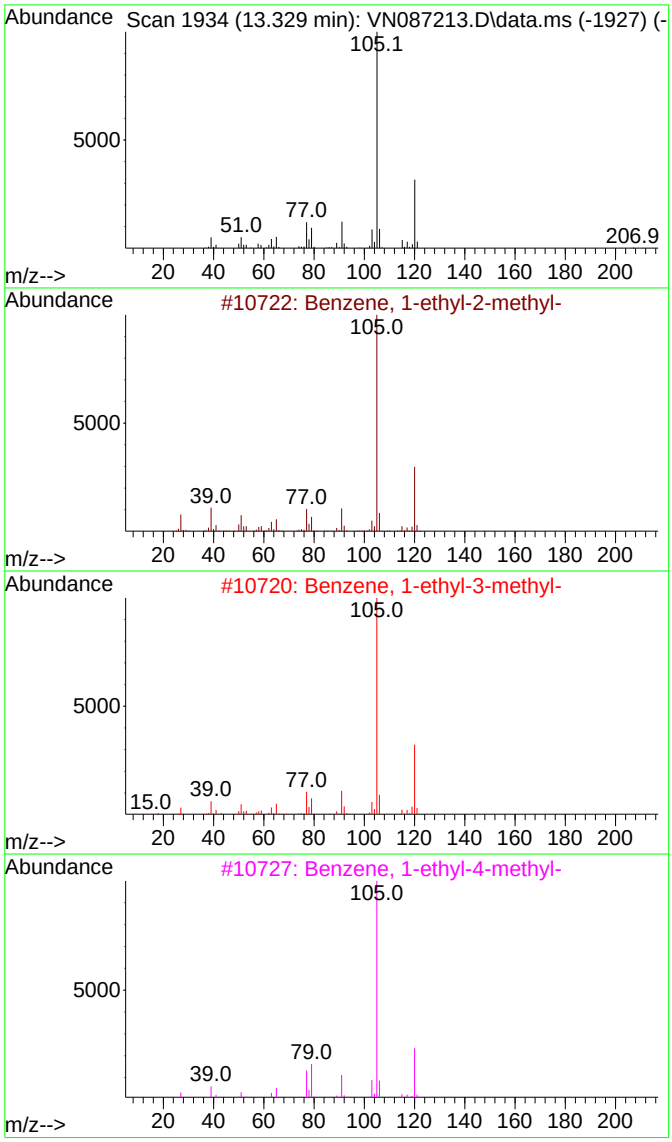
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

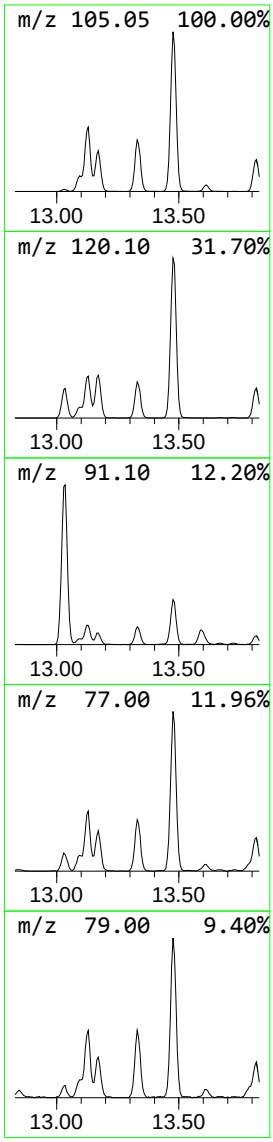
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	43.17 ug/l	698613	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

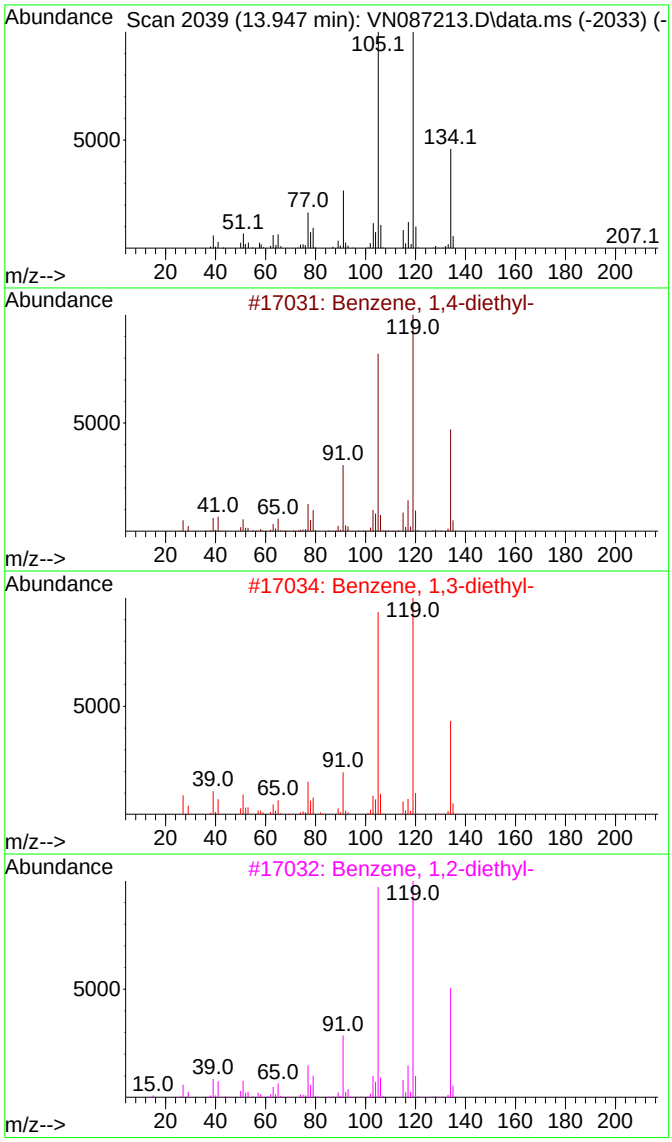
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

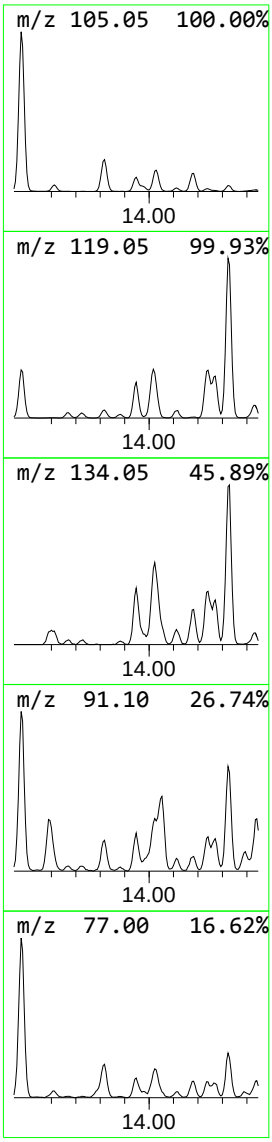
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	21.95 ug/l	355153	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

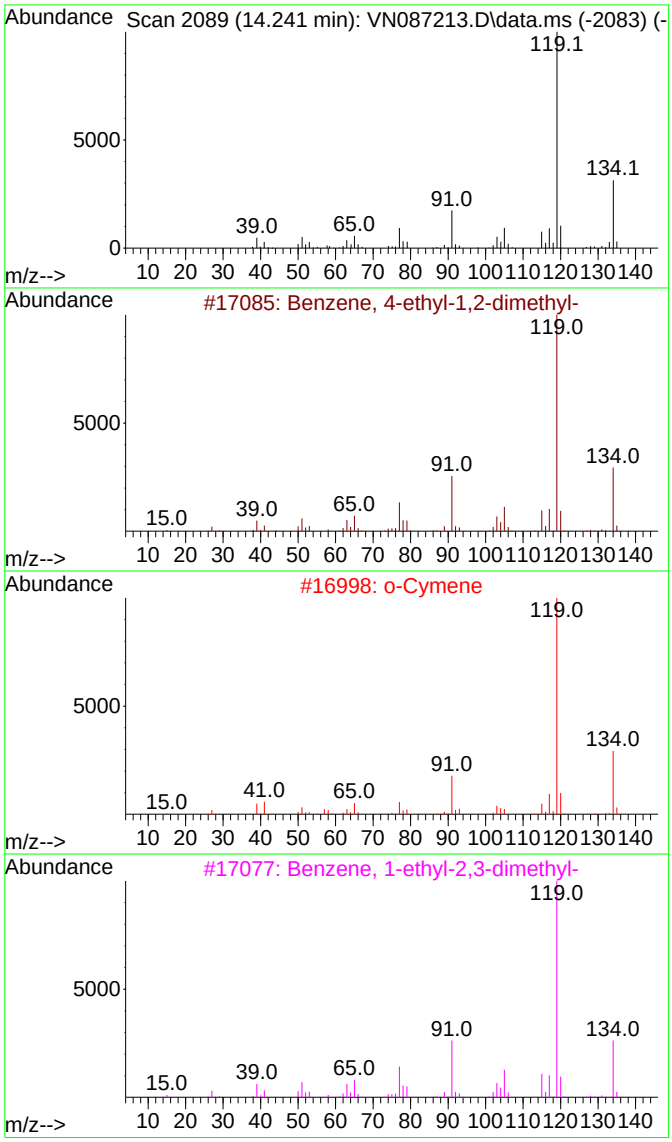
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

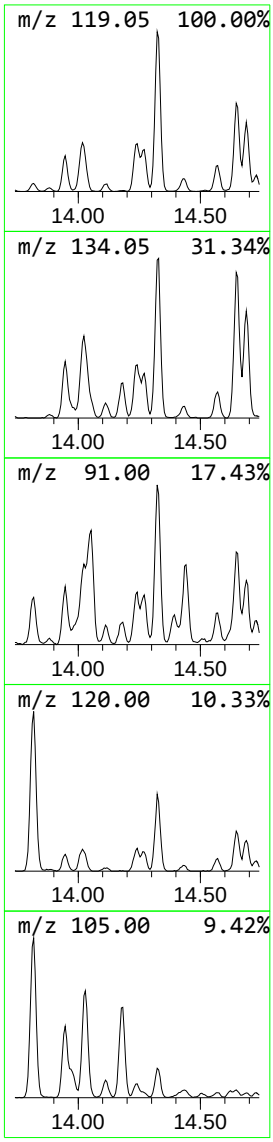
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.241	17.68 ug/l	286012	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

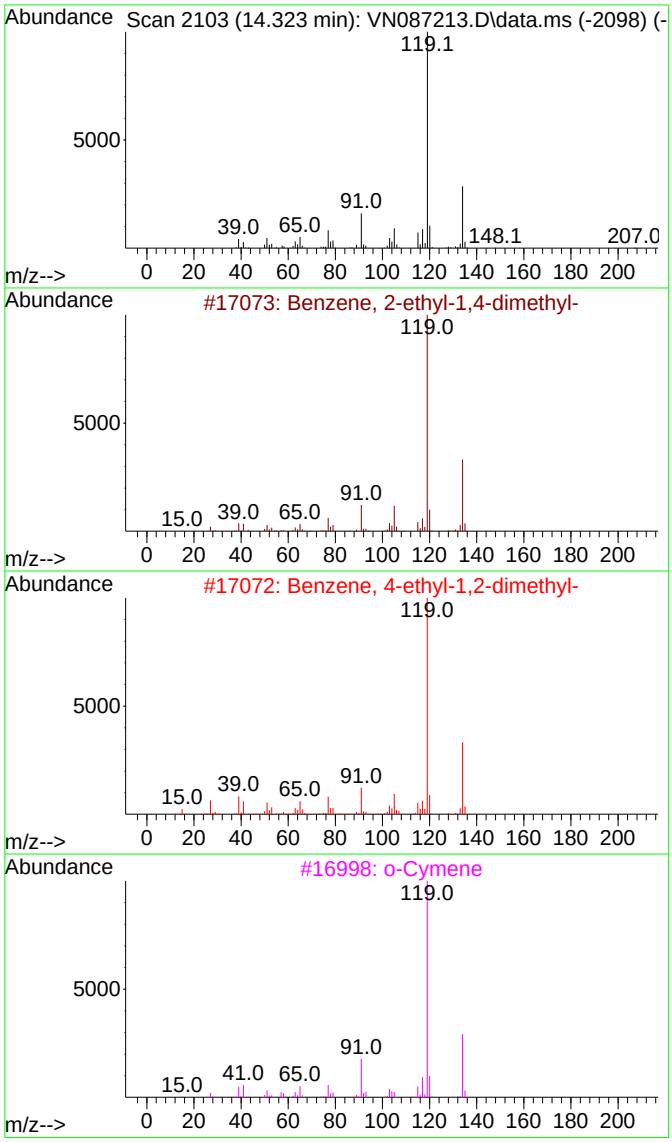
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

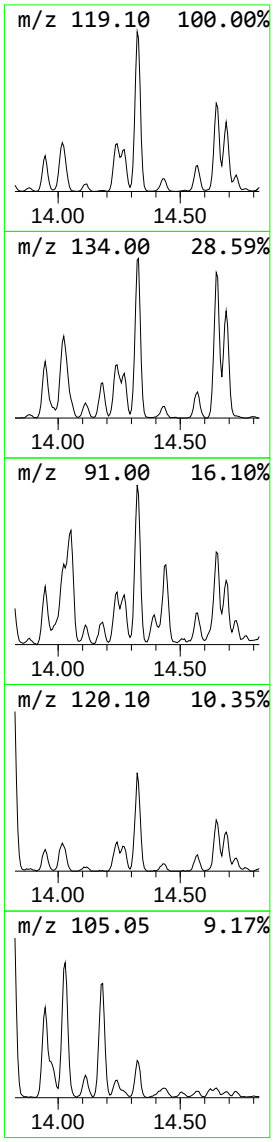
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.323	52.00 ug/l	841358	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

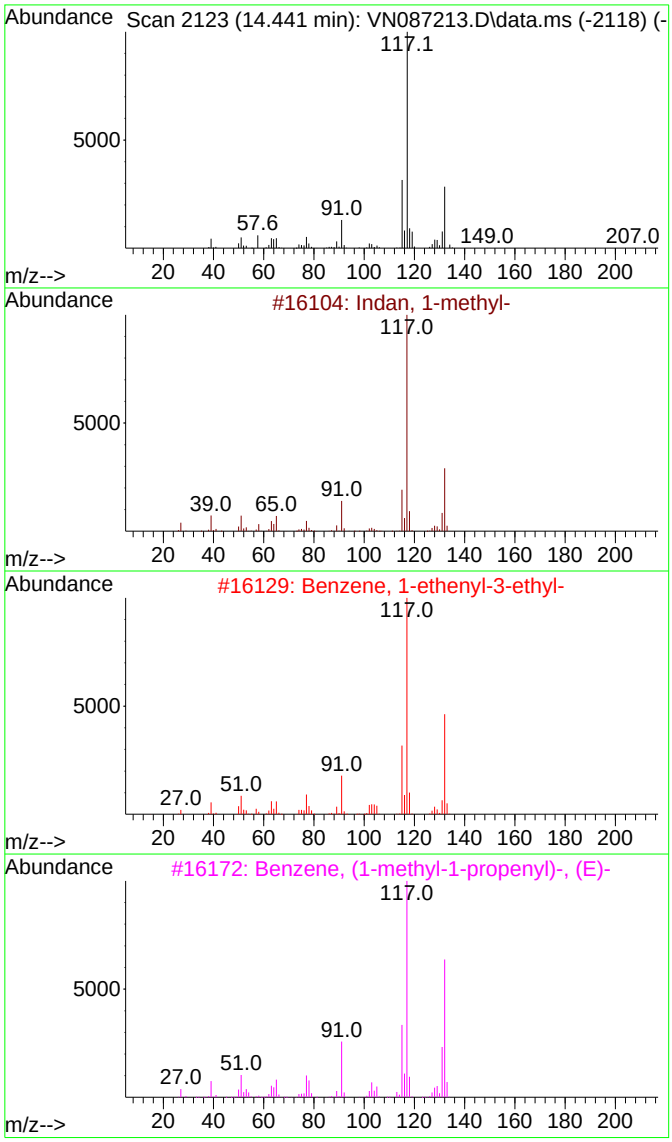
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

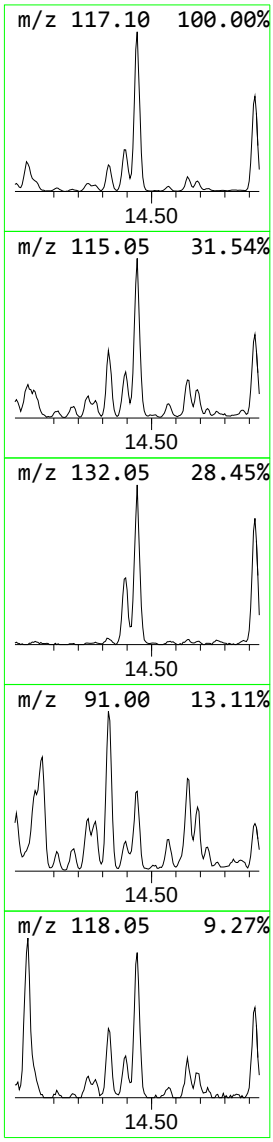
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	34.48 ug/l	557968	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

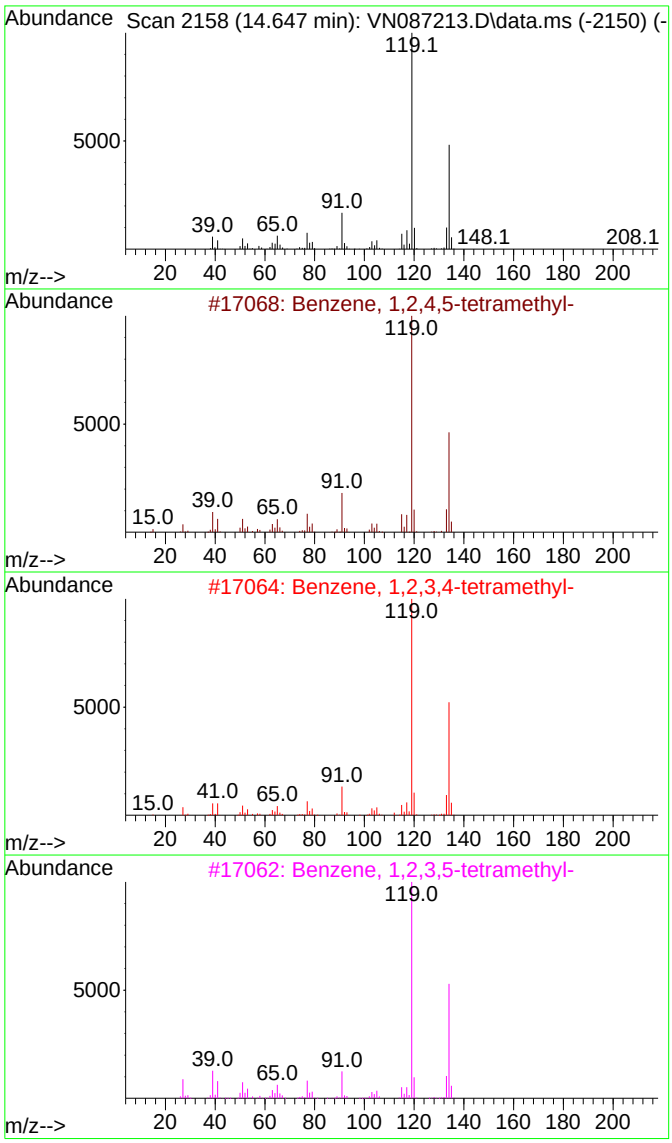
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

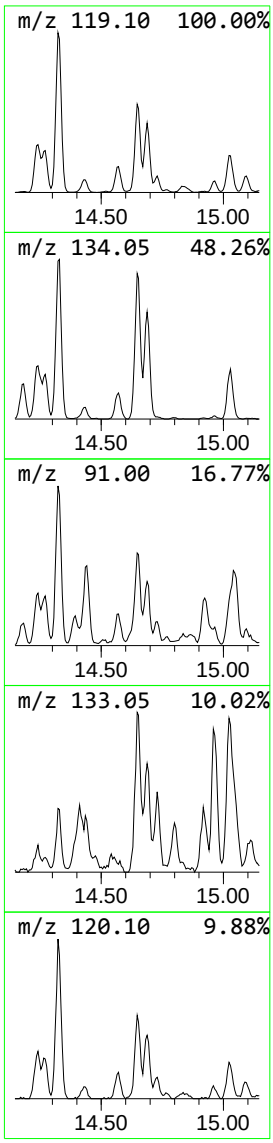
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.647	35.01 ug/l	566461	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

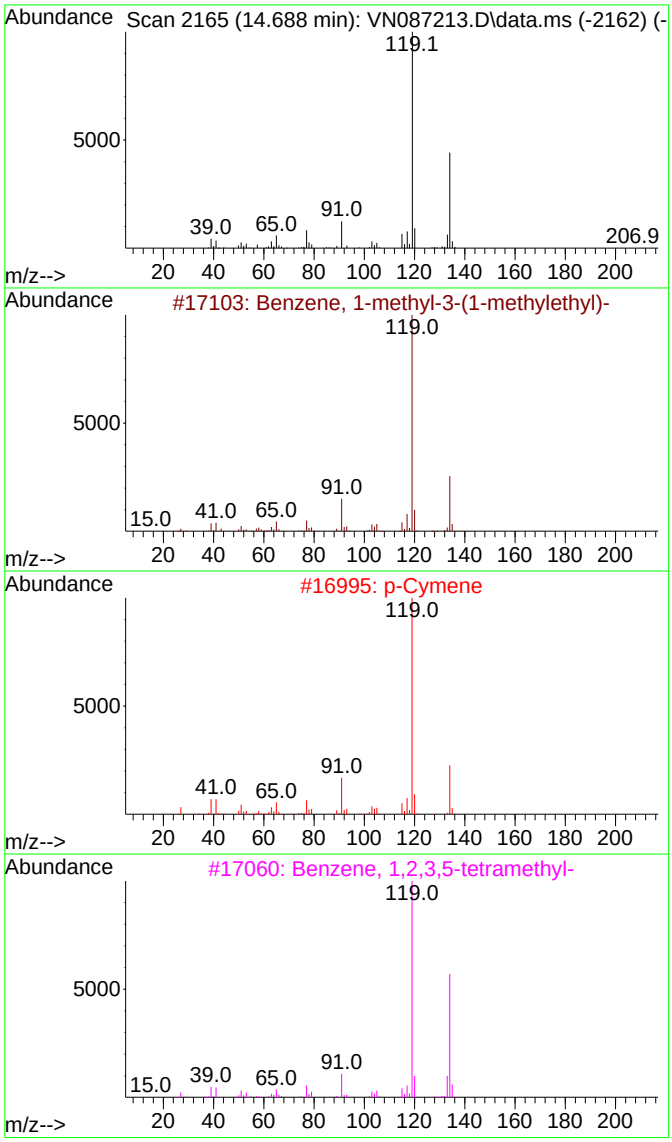
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

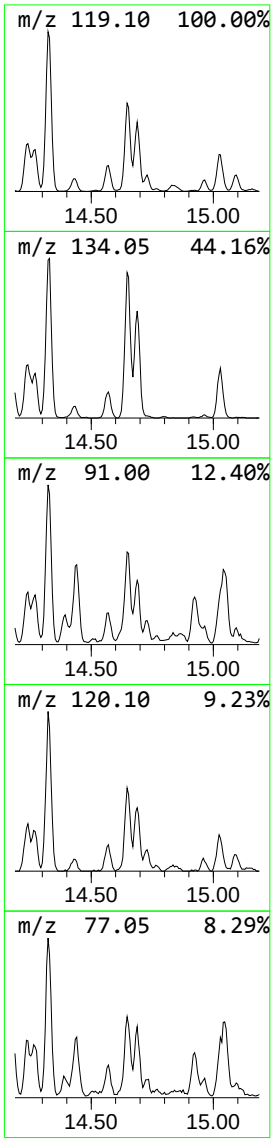
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	18.35 ug/l	296935	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

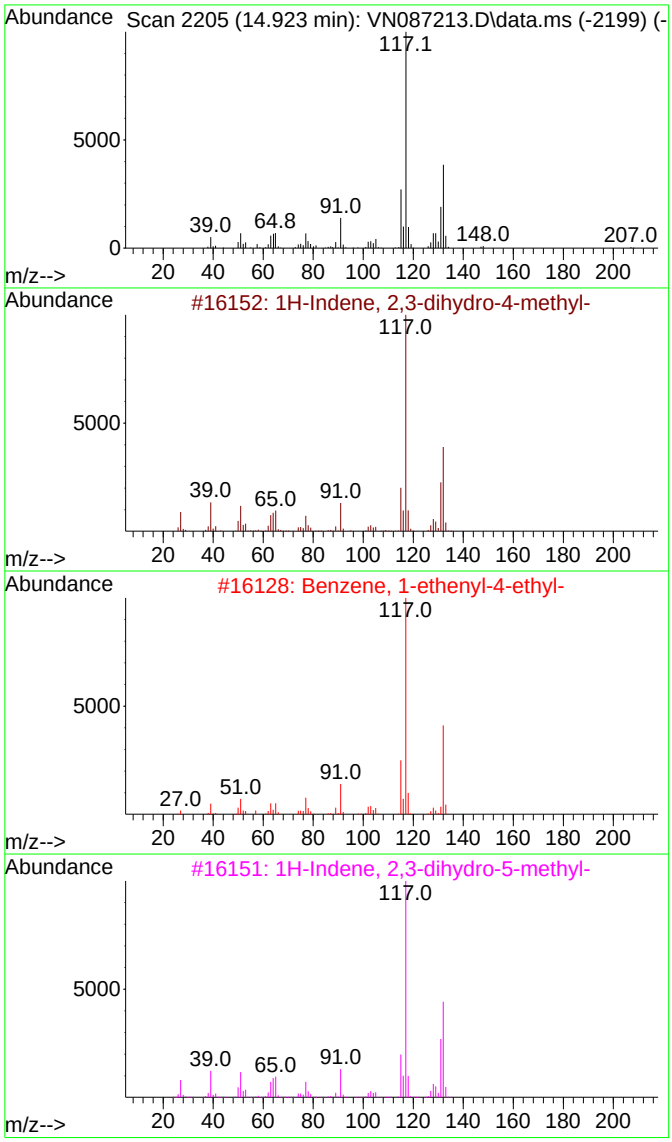
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

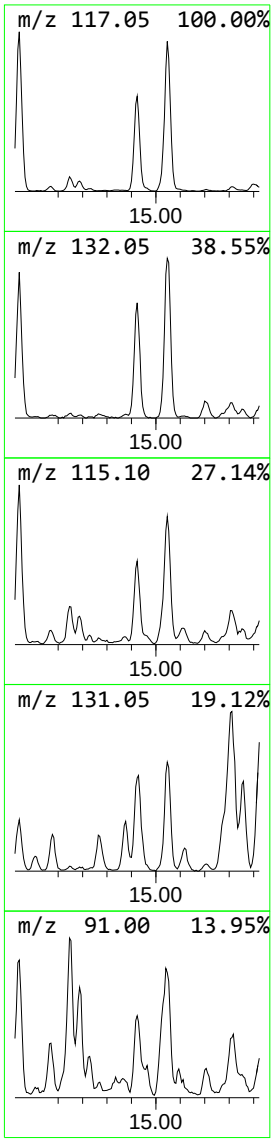
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	22.59 ug/l	365487	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

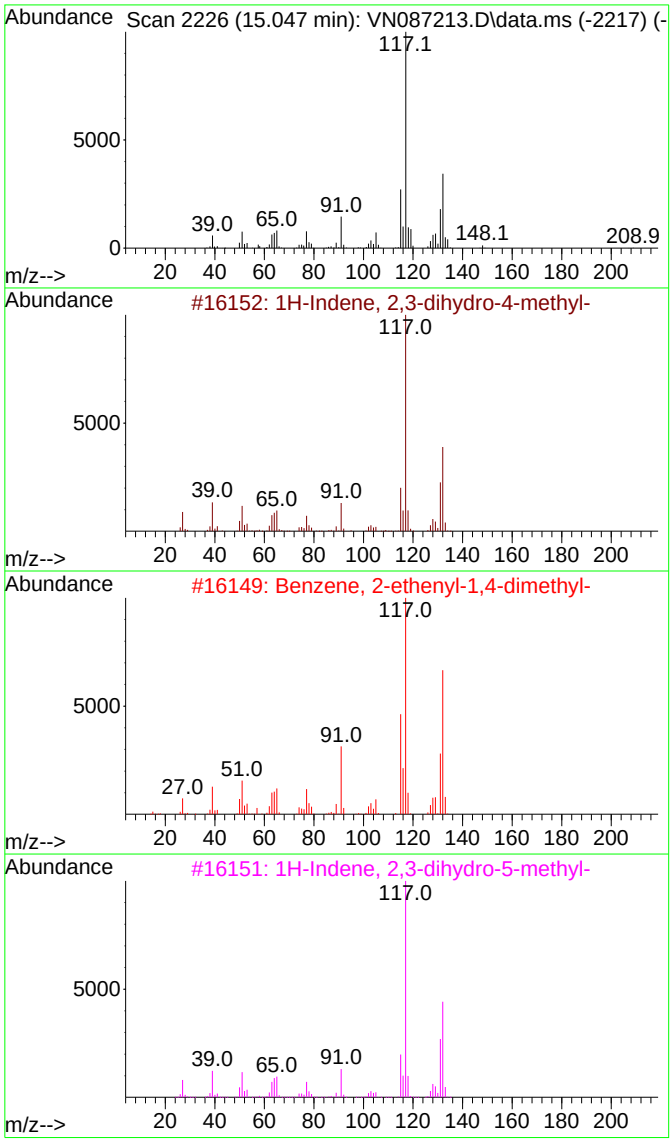
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

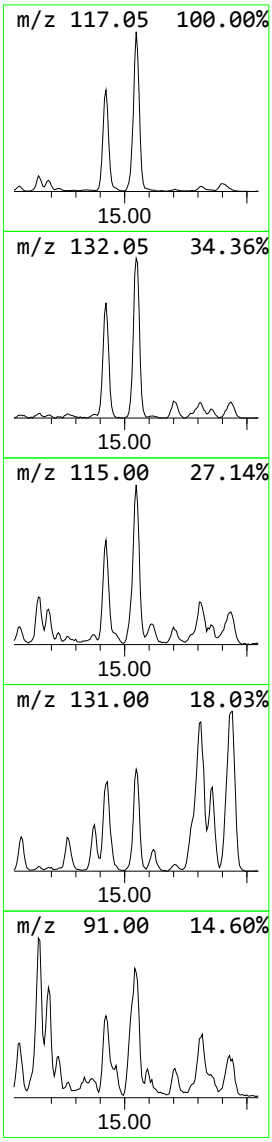
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	50.81 ug/l	822221	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

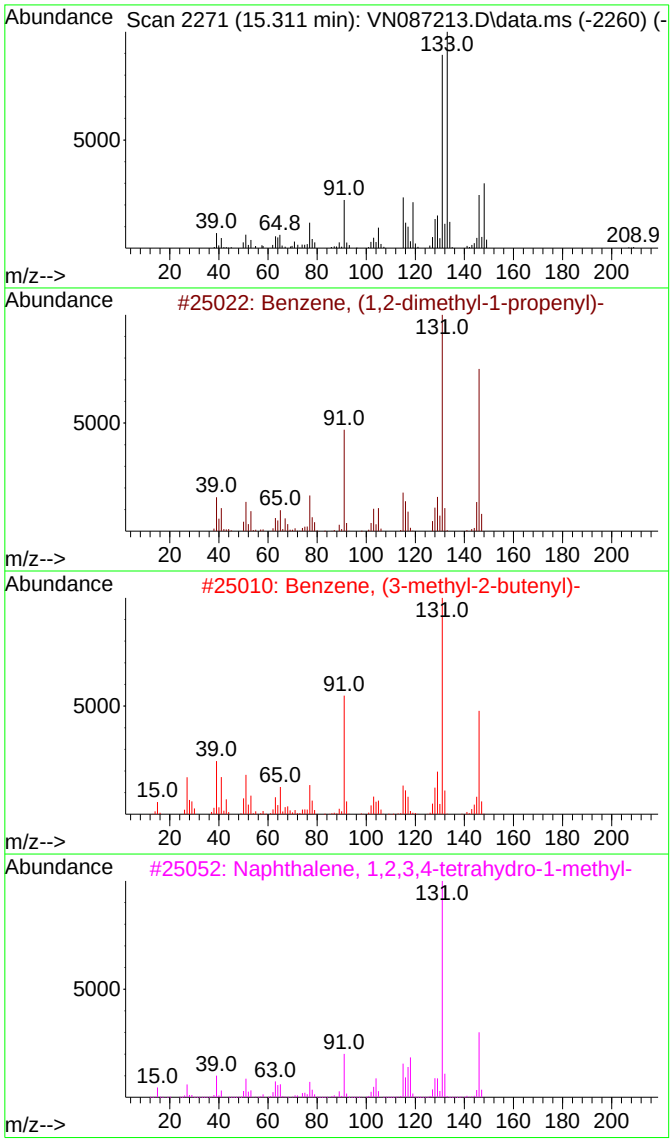
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

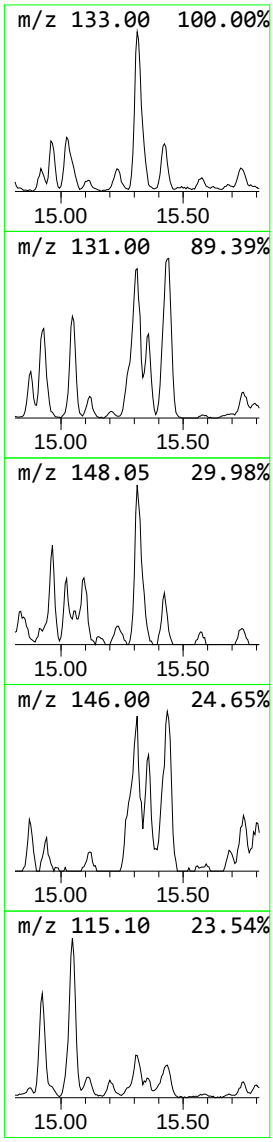
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.311	23.18 ug/l	375127	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

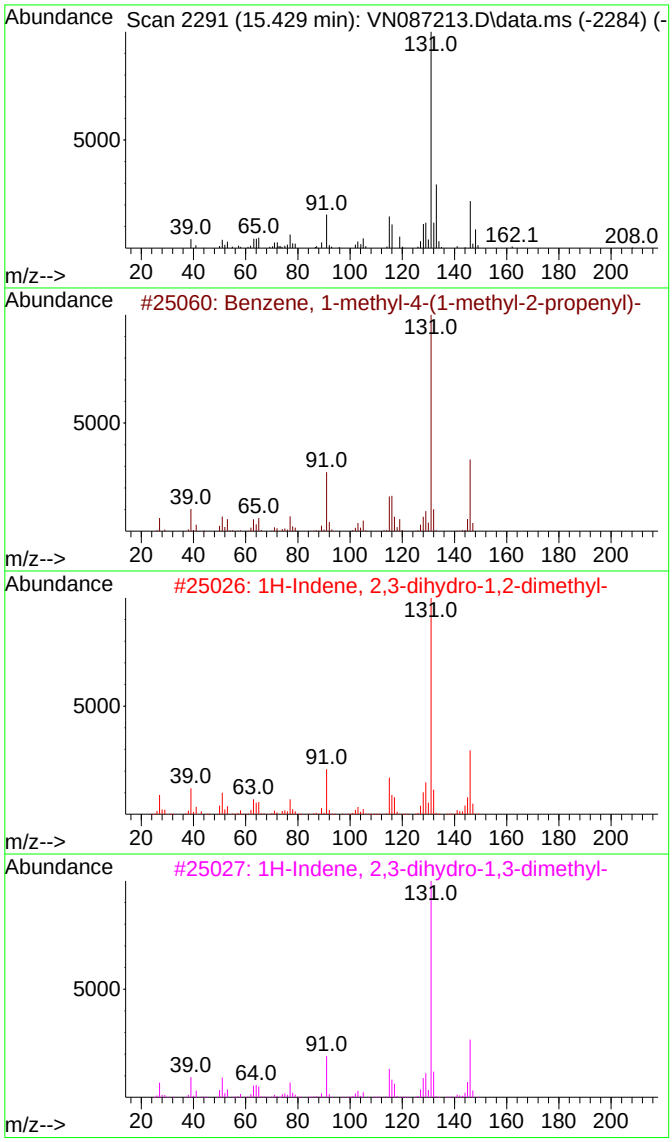
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

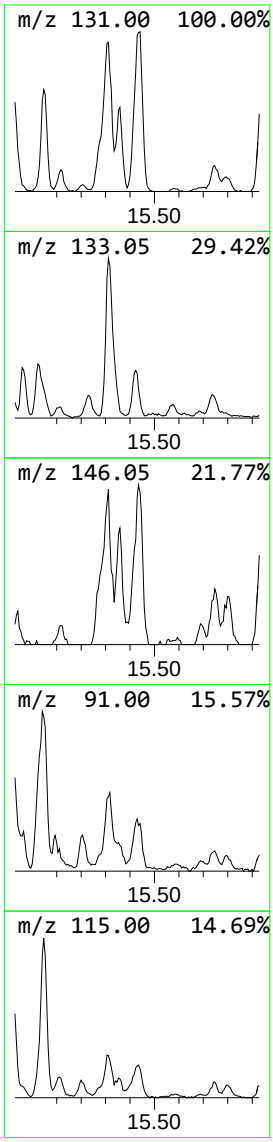
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.429	16.60 ug/l	268604	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

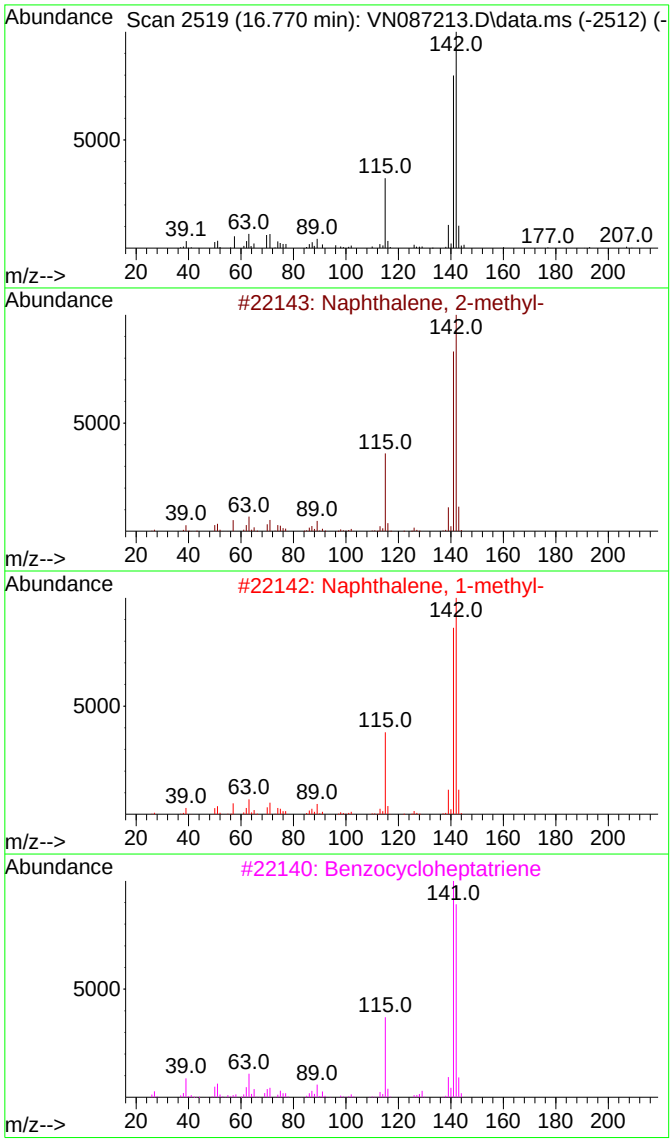
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

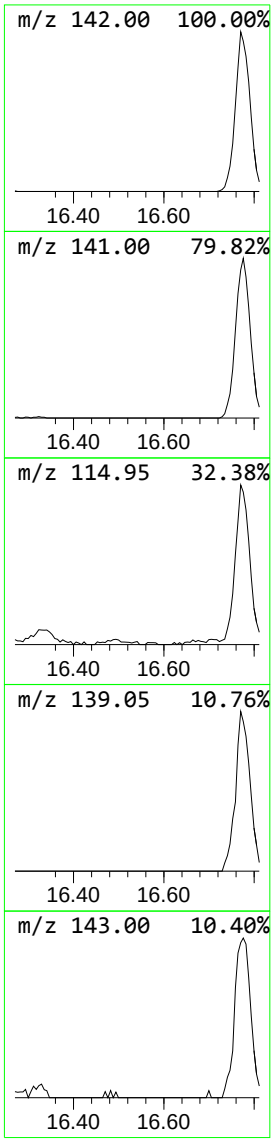
****

Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.770	17.03 ug/l	275636	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.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
Pentane, 3-methyl-	5.836	25.0	ug/l	281467	1	8.230	562618	50.0
Cyclopentane, m...	7.341	20.2	ug/l	227703	1	8.230	562618	50.0
Pentane, 2,3-di...	8.335	14.9	ug/l	167359	1	8.230	562618	50.0
Benzene, 1-ethy...	13.329	43.2	ug/l	698613	4	13.788	809065	50.0
Benzene, 1,4-di...	13.947	21.9	ug/l	355153	4	13.788	809065	50.0
Benzene, 4-ethy...	14.241	17.7	ug/l	286012	4	13.788	809065	50.0
Benzene, 2-ethy...	14.323	52.0	ug/l	841358	4	13.788	809065	50.0
Indan, 1-methyl-	14.441	34.5	ug/l	557968	4	13.788	809065	50.0
Benzene, 1,2,4,...	14.647	35.0	ug/l	566461	4	13.788	809065	50.0
Benzene, 1-meth...	14.688	18.4	ug/l	296935	4	13.788	809065	50.0
1H-Indene, 2,3-...	14.923	22.6	ug/l	365487	4	13.788	809065	50.0
1H-Indene, 2,3-...	15.047	50.8	ug/l	822221	4	13.788	809065	50.0
Benzene, (1,2-d...	15.311	23.2	ug/l	375127	4	13.788	809065	50.0
Benzene, 1-meth...	15.429	16.6	ug/l	268604	4	13.788	809065	50.0
Naphthalene, 2-...	16.770	17.0	ug/l	275636	4	13.788	809065	50.0

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.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Calibration Time(s): 16:34 18:39

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

LAB FILE ID: RRF001 = VN087198.D RRF005 = VN087199.D RRF020 = VN087200.D
RRF050 = VN087201.D RRF100 = VN087202.D RRF150 = VN087203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.536	0.741	0.619	0.594	0.589	0.592	0.612	11.2
Vinyl Chloride	0.583	0.746	0.677	0.641	0.646	0.673	0.661	8.1
Bromomethane		0.405	0.369	0.314	0.316	0.369	0.355	11
Chloroethane	0.316	0.428	0.356	0.341	0.312	0.319	0.345	12.8
Tert butyl alcohol		0.186	0.167	0.161	0.132	0.146	0.159	13.1
1,1-Dichloroethene	0.419	0.766	0.647	0.601	0.538	0.548	0.587	19.9
Acetone	0.229	0.468	0.396	0.357	0.328	0.319	0.350	22.9
Carbon Disulfide	1.197	2.327	2.019	1.794	1.593	1.587	1.753	22.3
Methyl tert-butyl Ether	1.321	2.476	2.247	2.087	1.949	2.043	2.020	19.3
Methylene Chloride	0.520	0.904	0.754	0.671	0.554	0.632	0.673	20.9
trans-1,2-Dichloroethene	0.486	0.831	0.720	0.648	0.594	0.624	0.651	18
1,1-Dichloroethane	1.019	1.469	1.337	1.229	1.196	1.151	1.234	12.6
2-Butanone	0.489	0.469	0.629	0.585	0.566	0.535	0.546	11
Carbon Tetrachloride	0.404	0.405	0.560	0.482	0.456	0.459	0.461	12.5
cis-1,2-Dichloroethene	0.692	0.714	0.845	0.776	0.762	0.748	0.756	7
Chloroform	1.107	1.146	1.318	1.183	1.135	1.093	1.164	7.1
1,1,1-Trichloroethane	1.005	1.005	1.071	1.001	0.977	0.940	1.000	4.3
Benzene	1.393	1.205	1.710	1.512	1.485	1.474	1.463	11.3
1,2-Dichloroethane	0.468	0.445	0.503	0.502	0.471	0.466	0.476	4.8
Trichloroethene	0.311	0.359	0.425	0.348	0.334	0.325	0.350	11.5
1,2-Dichloropropane	0.319	0.390	0.479	0.373	0.354	0.348	0.377	14.7
Bromodichloromethane	0.458	0.537	0.657	0.493	0.500	0.434	0.513	15.4
4-Methyl-2-Pentanone	0.359	0.536	0.733	0.612	0.572	0.550	0.561	21.7
Toluene	0.758	0.899	1.179	0.964	0.922	0.891	0.935	14.7
t-1,3-Dichloropropene	0.436	0.557	0.714	0.593	0.570	0.564	0.572	15.5
cis-1,3-Dichloropropene	0.494	0.597	0.772	0.618	0.606	0.567	0.609	15.1
1,1,2-Trichloroethane	0.297	0.349	0.450	0.360	0.341	0.326	0.354	14.7
2-Hexanone	0.316	0.384	0.433	0.404	0.395	0.392	0.387	10
Dibromochloromethane	0.316	0.377	0.477	0.391	0.377	0.370	0.385	13.5
Tetrachloroethene	0.284	0.316	0.316	0.309	0.315	0.296	0.306	4.3

* 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.

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.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Calibration Time(s): 16:34 18:39

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

LAB FILE ID: RRF001 = VN087198.D RRF005 = VN087199.D RRF020 = VN087200.D
RRF050 = VN087201.D RRF100 = VN087202.D RRF150 = VN087203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	1.057	1.148	1.156	1.111	1.098	1.085	1.109	3.4
Ethyl Benzene	1.577	1.825	1.933	1.939	1.916	1.908	1.850	7.5
m/p-Xylenes	0.600	0.667	0.752	0.744	0.749	0.734	0.708	8.7
o-Xylene	0.549	0.489	0.693	0.712	0.713	0.704	0.643	15.3
Styrene	0.899	0.884	1.200	1.225	1.219	1.199	1.104	15
Bromoform	0.225	0.256	0.273	0.279	0.274	0.271	0.263	7.6
1,1,2,2-Tetrachloroethane	1.163	1.210	1.308	1.212	1.237	1.185	1.219	4.1
1,2-Dichloroethane-d4		0.720	0.715	0.717	0.748	0.698	0.720	2.5
Dibromofluoromethane		0.276	0.380	0.318	0.324	0.319	0.323	11.4
Toluene-d8		1.214	1.587	1.303	1.322	1.258	1.337	10.9
4-Bromofluorobenzene		0.411	0.545	0.456	0.457	0.450	0.464	10.6

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N062625W.M
Title : SW846 8260
Last Update : Fri Jun 27 05:55:21 2025
Response Via : Initial Calibration

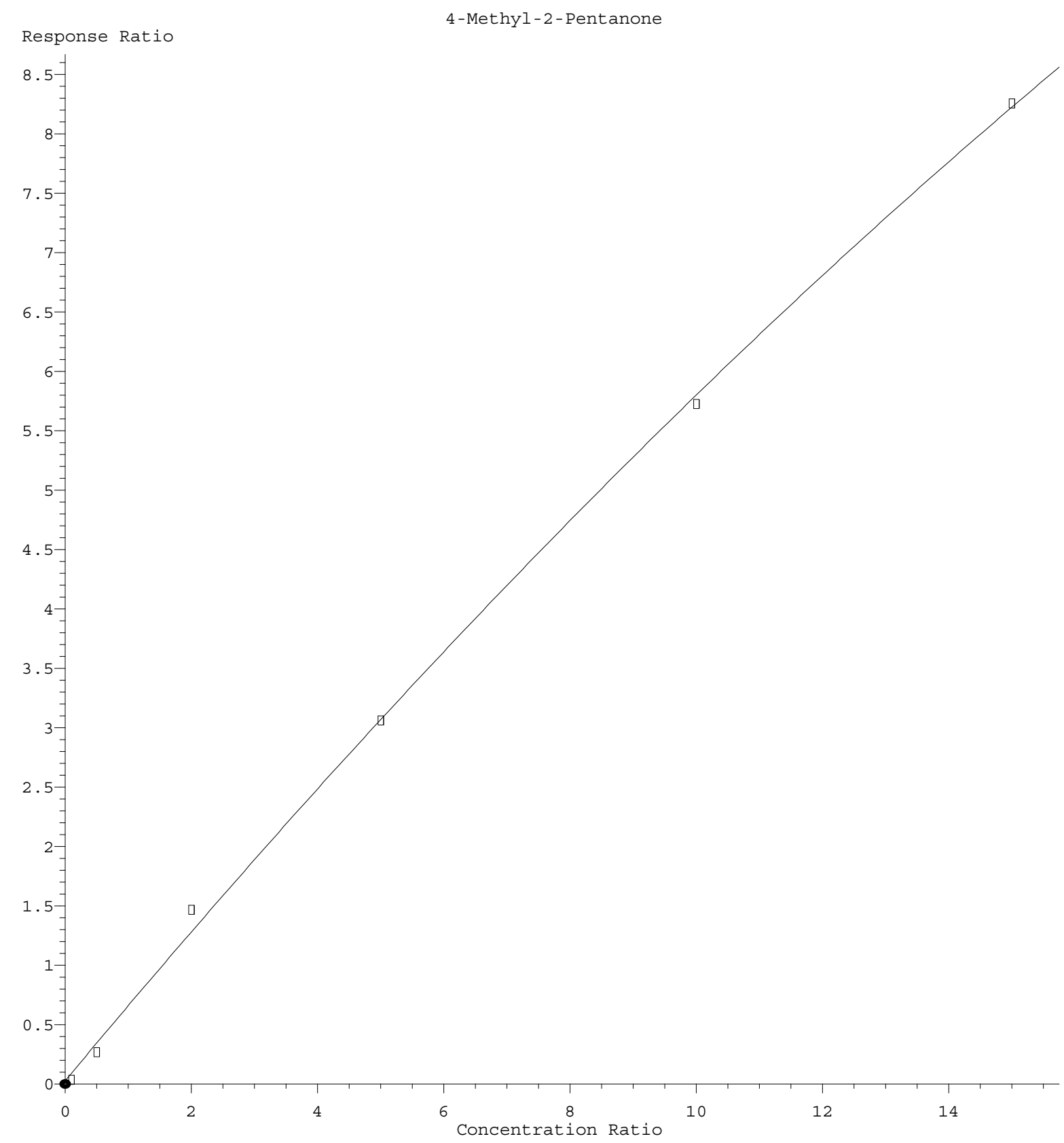
Calibration Files
1 =VN087198.D 5 =VN087199.D 20 =VN087200.D 50 =VN087201.D 100 =VN087202.D 150 =VN087203.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.557	0.753	0.622	0.618	0.612	0.598	0.627	10.59
3)	P	Chloromethane	0.536	0.741	0.619	0.594	0.589	0.592	0.612	11.24
4)	C	Vinyl Chloride	0.583	0.746	0.677	0.641	0.646	0.673	0.661	8.08#
5)	T	Bromomethane		0.405	0.369	0.314	0.316	0.369	0.355	11.04
6)	T	Chloroethane	0.316	0.428	0.356	0.341	0.312	0.319	0.345	12.76
7)	T	Trichlorofluor...	0.617	0.987	0.888	0.738	0.740	0.755	0.787	16.56
8)	T	Diethyl Ether	0.221	0.466	0.406	0.389	0.270	0.348	0.350	25.91
9)	T	1,1,2-Trichlor...	0.383	0.778	0.672	0.596	0.527	0.538	0.582	23.18
10)	T	Methyl Iodide		0.381	0.449	0.535	0.522	0.563	0.490	15.12
11)	T	Tert butyl alc...		0.186	0.167	0.161	0.132	0.146	0.159	13.08
12)	CM	1,1-Dichloroet...	0.419	0.766	0.647	0.601	0.538	0.548	0.587	19.88#
13)	T	Acrolein		0.151	0.113	0.134	0.116	0.139	0.131	12.07
14)	T	Allyl chloride	0.471	1.198	1.022	0.963	0.917	0.930	0.917	26.31
15)	T	Acrylonitrile	0.277	0.533	0.463	0.436	0.399	0.405	0.419	20.22
16)	T	Acetone	0.229	0.468	0.396	0.357	0.328	0.319	0.350	22.92
17)	T	Carbon Disulfide	1.197	2.327	2.019	1.794	1.593	1.587	1.753	22.31
18)	T	Methyl Acetate	0.517	1.074	0.943	0.883	0.848	0.859	0.854	21.65
19)	T	Methyl tert-bu...	1.321	2.476	2.247	2.087	1.949	2.043	2.020	19.27
20)	T	Methylene Chlo...	0.520	0.904	0.754	0.671	0.554	0.632	0.673	20.93
21)	T	trans-1,2-Dich...	0.486	0.831	0.720	0.648	0.594	0.624	0.651	17.95
22)	T	Diisopropyl ether	1.650	2.494	2.281	2.106	2.055	1.946	2.089	13.80
23)	T	Vinyl Acetate	1.454	2.132	2.074	1.919	1.870	1.758	1.868	13.06
24)	P	1,1-Dichloroet...	1.019	1.469	1.337	1.229	1.196	1.151	1.234	12.57
25)	T	2-Butanone	0.489	0.469	0.629	0.585	0.566	0.535	0.546	11.05
26)	T	2,2-Dichloropr...	0.897	0.961	1.103	1.003	0.981	0.938	0.981	7.17
27)	T	cis-1,2-Dichlo...	0.692	0.714	0.845	0.776	0.762	0.748	0.756	7.03
28)	T	Bromochloromet...	0.494	0.501	0.601	0.587	0.565	0.505	0.542	8.76
29)	T	Tetrahydrofuran	0.313	0.305	0.423	0.385	0.372	0.348	0.358	12.53
30)	C	Chloroform	1.107	1.146	1.318	1.183	1.135	1.093	1.164	7.06#
31)	T	Cyclohexane		1.190	1.143	1.125	1.093	1.020	1.114	5.69
32)	T	1,1,1-Trichlor...	1.005	1.005	1.071	1.001	0.977	0.940	1.000	4.29
33)	S	1,2-Dichloroet...		0.720	0.715	0.717	0.748	0.698	0.720	2.49
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.276	0.380	0.318	0.324	0.319	0.323	11.45
36)	T	1,1-Dichloropr...	0.435	0.383	0.566	0.499	0.477	0.480	0.473	12.94
37)	T	Ethyl Acetate	0.464	0.464	0.801	0.634	0.598	0.586	0.591	21.14
38)	T	Carbon Tetrach...	0.404	0.405	0.560	0.482	0.456	0.459	0.461	12.51
39)	T	Methylcyclohexane	0.491	0.554	0.717	0.569	0.569	0.566	0.578	12.87
40)	TM	Benzene	1.393	1.205	1.710	1.512	1.485	1.474	1.463	11.26
41)	T	Methacrylonitrile	0.262	0.227	0.396	0.336	0.321	0.318	0.310	19.00
42)	TM	1,2-Dichloroet...	0.468	0.445	0.503	0.502	0.471	0.466	0.476	4.78
43)	T	Isopropyl Acetate	0.802	0.738	0.904	0.967	0.914	0.898	0.870	9.66
44)	TM	Trichloroethene	0.311	0.359	0.425	0.348	0.334	0.325	0.350	11.51
45)	C	1,2-Dichloropr...	0.319	0.390	0.479	0.373	0.354	0.348	0.377	14.67#
46)	T	Dibromomethane	0.219	0.268	0.328	0.253	0.248	0.217	0.256	15.90
47)	T	Bromodichlorom...	0.458	0.537	0.657	0.493	0.500	0.434	0.513	15.36
48)	T	Methyl methacr...	0.328	0.401	0.526	0.436	0.429	0.406	0.421	15.26
49)	T	1,4-Dioxane	0.003	0.005	0.007	0.007	0.006	0.005	0.006	30.37
50)	S	Toluene-d8		1.214	1.587	1.303	1.322	1.258	1.337	10.90
51)	T	4-Methyl-2-Pen...	0.359	0.536	0.733	0.612	0.572	0.550	0.561	21.71
52)	CM	Toluene	0.758	0.899	1.179	0.964	0.922	0.891	0.935	14.74#
53)	T	t-1,3-Dichloro...	0.436	0.557	0.714	0.593	0.570	0.564	0.572	15.50
54)	T	cis-1,3-Dichlo...	0.494	0.597	0.772	0.618	0.606	0.567	0.609	15.06
55)	T	1,1,2-Trichlor...	0.297	0.349	0.450	0.360	0.341	0.326	0.354	14.65
56)	T	Ethyl methacry...	0.228	0.442	0.684	0.607	0.597	0.588	0.524	31.52

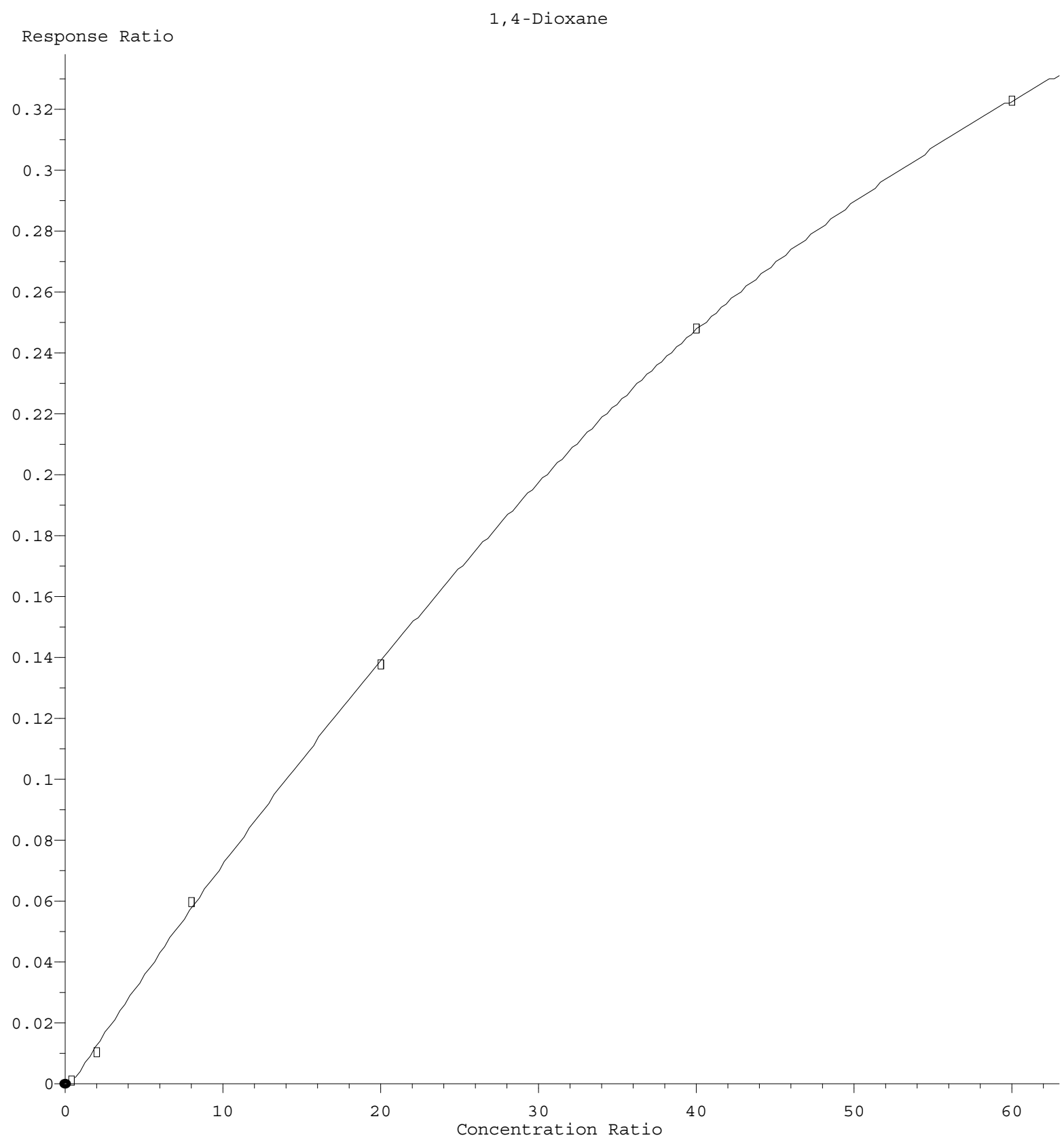
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N062625W.M

57)	T	1,3-Dichloropr...	0.505	0.625	0.788	0.639	0.608	0.584	0.625	14.85
58)	T	2-Chloroethyl ...	0.122	0.290	0.334	0.326	0.338	0.310	0.286	28.83
59)	T	2-Hexanone	0.316	0.384	0.433	0.404	0.395	0.392	0.387	10.03
60)	T	Dibromochlorom...	0.316	0.377	0.477	0.391	0.377	0.370	0.385	13.54
61)	T	1,2-Dibromoethane	0.307	0.360	0.469	0.383	0.362	0.363	0.374	14.16
62)	S	4-Bromofluorob...		0.411	0.545	0.456	0.457	0.450	0.464	10.61
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.284	0.316	0.316	0.309	0.315	0.296	0.306	4.28
65)	PM	Chlorobenzene	1.057	1.148	1.156	1.111	1.098	1.085	1.109	3.42
66)	T	1,1,1,2-Tetrac...	0.328	0.360	0.372	0.358	0.355	0.352	0.354	4.13
67)	C	Ethyl Benzene	1.577	1.825	1.933	1.939	1.916	1.908	1.850	7.55#
68)	T	m/p-Xylenes	0.600	0.667	0.752	0.744	0.749	0.734	0.708	8.70
69)	T	o-Xylene	0.549	0.489	0.693	0.712	0.713	0.704	0.643	15.32
70)	T	Styrene	0.899	0.884	1.200	1.225	1.219	1.199	1.104	14.99
71)	P	Bromoform	0.225	0.256	0.273	0.279	0.274	0.271	0.263	7.64
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.874	2.895	3.671	3.539	3.735	3.595	3.385	11.62
74)	T	N-amyl acetate	1.111	1.283	1.313	1.182	1.327	1.340	1.259	7.32
75)	P	1,1,2,2-Tetrac...	1.163	1.210	1.308	1.212	1.237	1.185	1.219	4.12
76)	T	1,2,3-Trichlor...	1.070	1.061	1.074	1.162	1.200	1.127	1.116	5.10
77)	T	Bromobenzene	0.713	0.773	0.879	0.831	0.874	0.865	0.823	8.08
78)	T	n-propylbenzene	3.478	3.729	4.495	4.341	4.537	4.434	4.169	10.79
79)	T	2-Chlorotoluene	2.676	2.339	2.711	2.567	2.664	2.615	2.595	5.22
80)	T	1,3,5-Trimethy...	2.244	2.513	3.023	2.936	3.072	2.977	2.794	12.02
81)	T	trans-1,4-Dich...		0.452	0.518	0.454	0.536	0.526	0.497	8.22
82)	T	4-Chlorotoluene	2.214	2.421	2.784	2.642	2.745	2.719	2.587	8.66
83)	T	tert-Butylbenzene	1.913	2.245	2.550	2.522	2.597	2.573	2.400	11.30
84)	T	1,2,4-Trimethy...	2.245	2.624	3.053	2.975	3.095	3.019	2.835	11.82
85)	T	sec-Butylbenzene	2.790	3.399	3.839	3.691	3.789	3.710	3.536	11.21
86)	T	p-Isopropyltol...	2.217	2.725	3.129	3.058	3.174	3.098	2.900	12.80
87)	T	1,3-Dichlorobe...	1.570	1.632	1.749	1.632	1.692	1.657	1.655	3.67
88)	T	1,4-Dichlorobe...	1.683	1.771	1.723	1.678	1.700	1.658	1.702	2.38
89)	T	n-Butylbenzene	2.279	2.603	2.918	2.793	2.809	2.766	2.695	8.44
90)	T	Hexachloroethane	0.531	0.542	0.574	0.560	0.583	0.578	0.561	3.73
91)	T	1,2-Dichlorobe...	1.520	1.512	1.614	1.558	1.580	1.570	1.559	2.45
92)	T	1,2-Dibromo-3-...	0.257	0.276	0.285	0.283	0.289	0.280	0.278	4.06
93)	T	1,2,4-Trichlor...	0.721	0.855	0.903	0.894	0.914	0.922	0.868	8.73
94)	T	Hexachlorobuta...	0.244	0.295	0.282	0.272	0.270	0.280	0.274	6.19
95)	T	Naphthalene	2.561	2.930	3.399	3.471	3.690	3.705	3.293	13.83
96)	T	1,2,3-Trichlor...	0.763	0.848	0.870	0.875	0.884	0.902	0.857	5.76

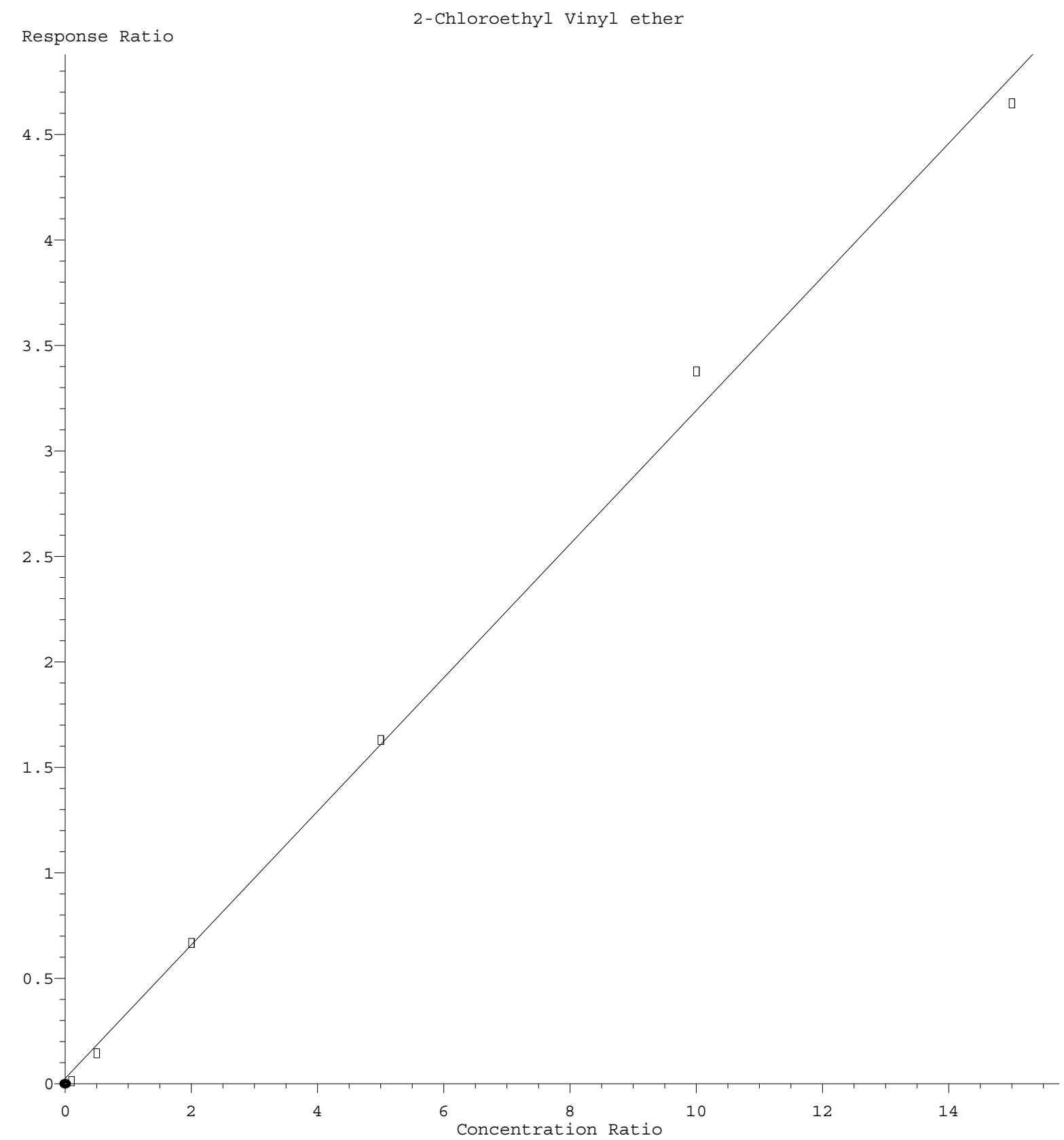
(#) = Out of Range



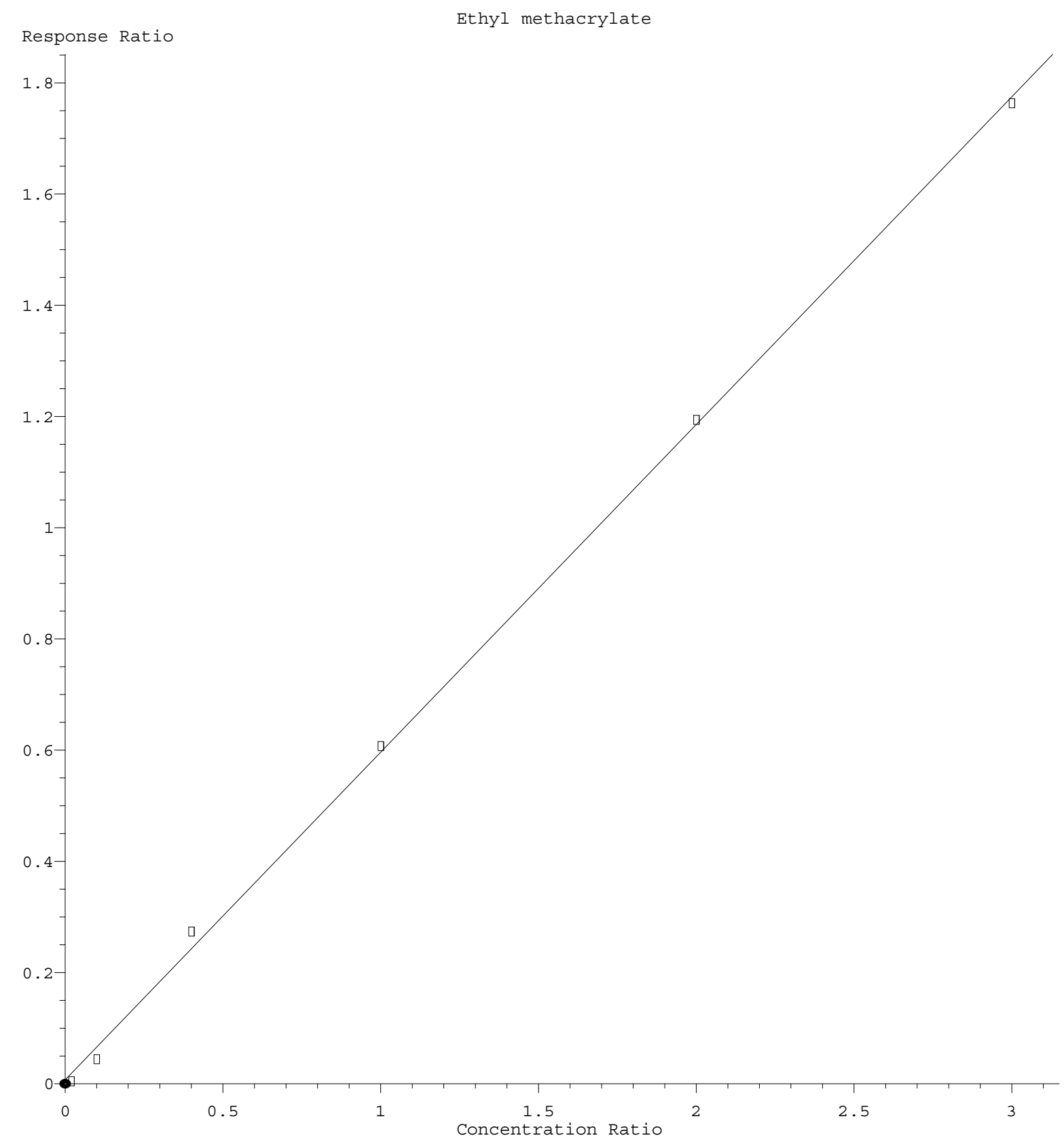
R = -6.179e-003 A*A + 6.391e-001 A + 2.769e-002
Coef of Det (r^2) = 0.999061 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



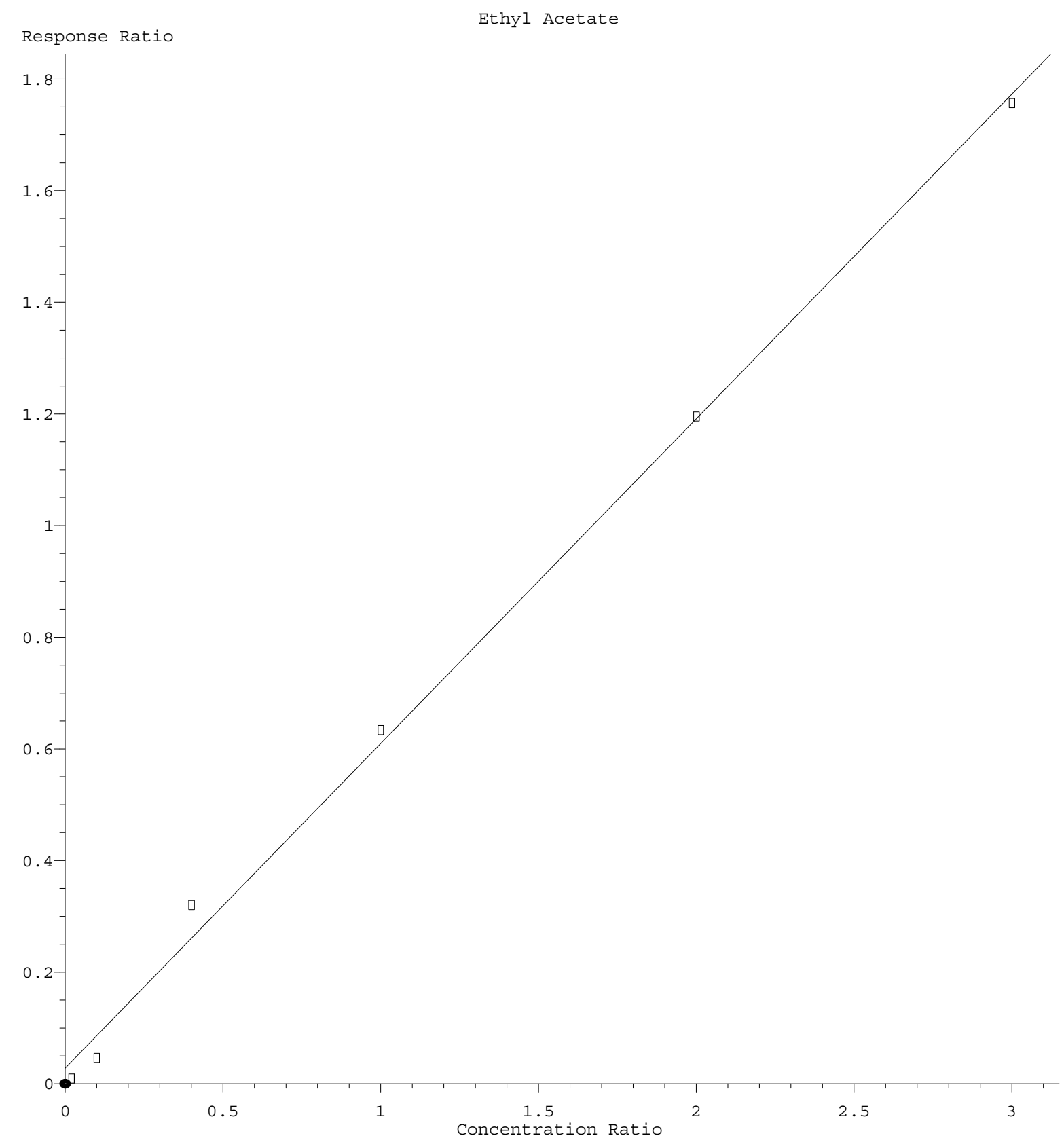
R = -4.171e-005 A*A + 7.937e-003 A - 3.164e-003
Coef of Det (r^2) = 0.999869 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



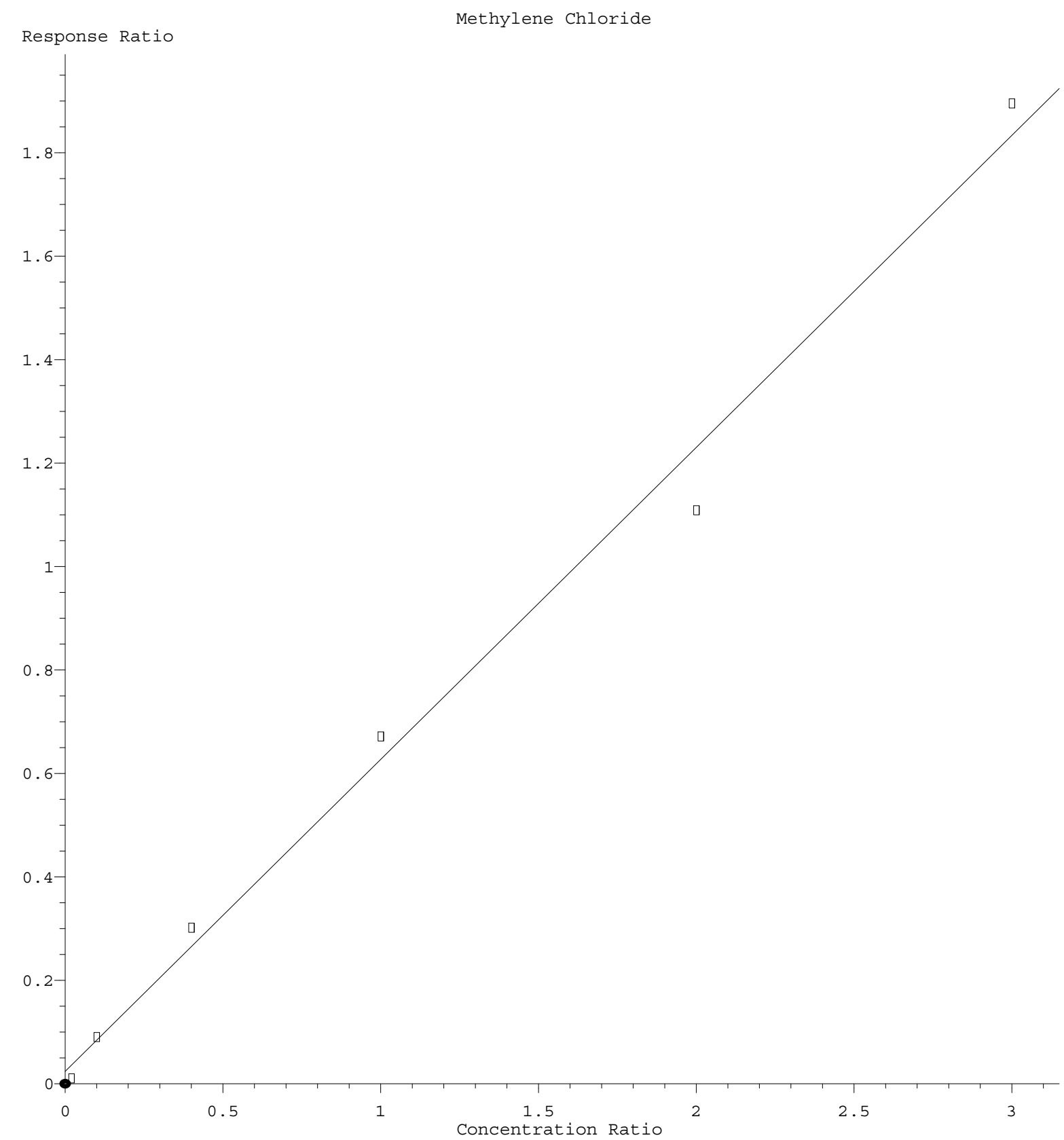
Response = 3.167e-001 * Amt + 2.537e-002
Coef of Det (r^2) = 0.996942 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



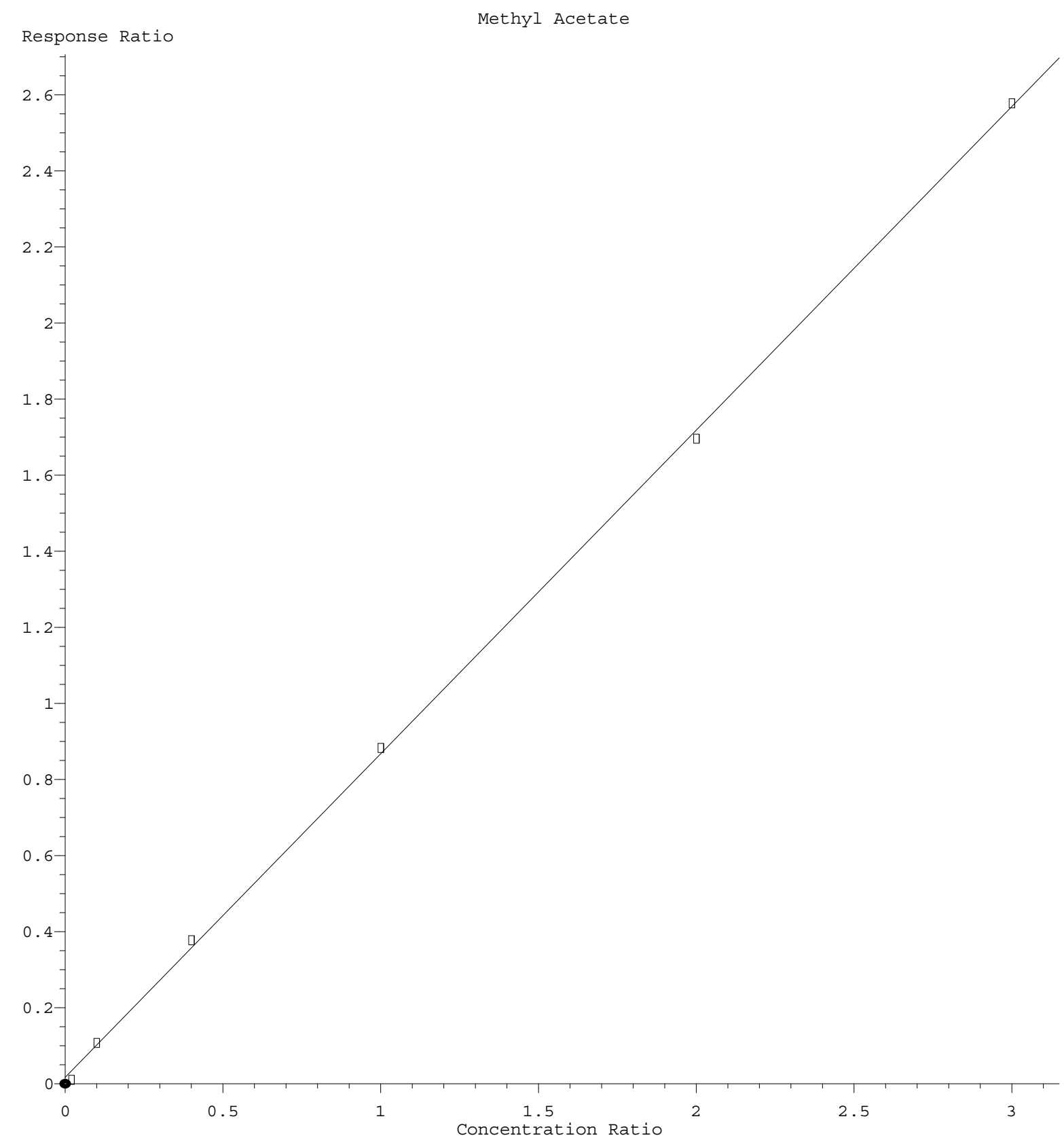
Response = 5.893e-001 * Amt + 7.434e-003
Coef of Det (r^2) = 0.999208 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



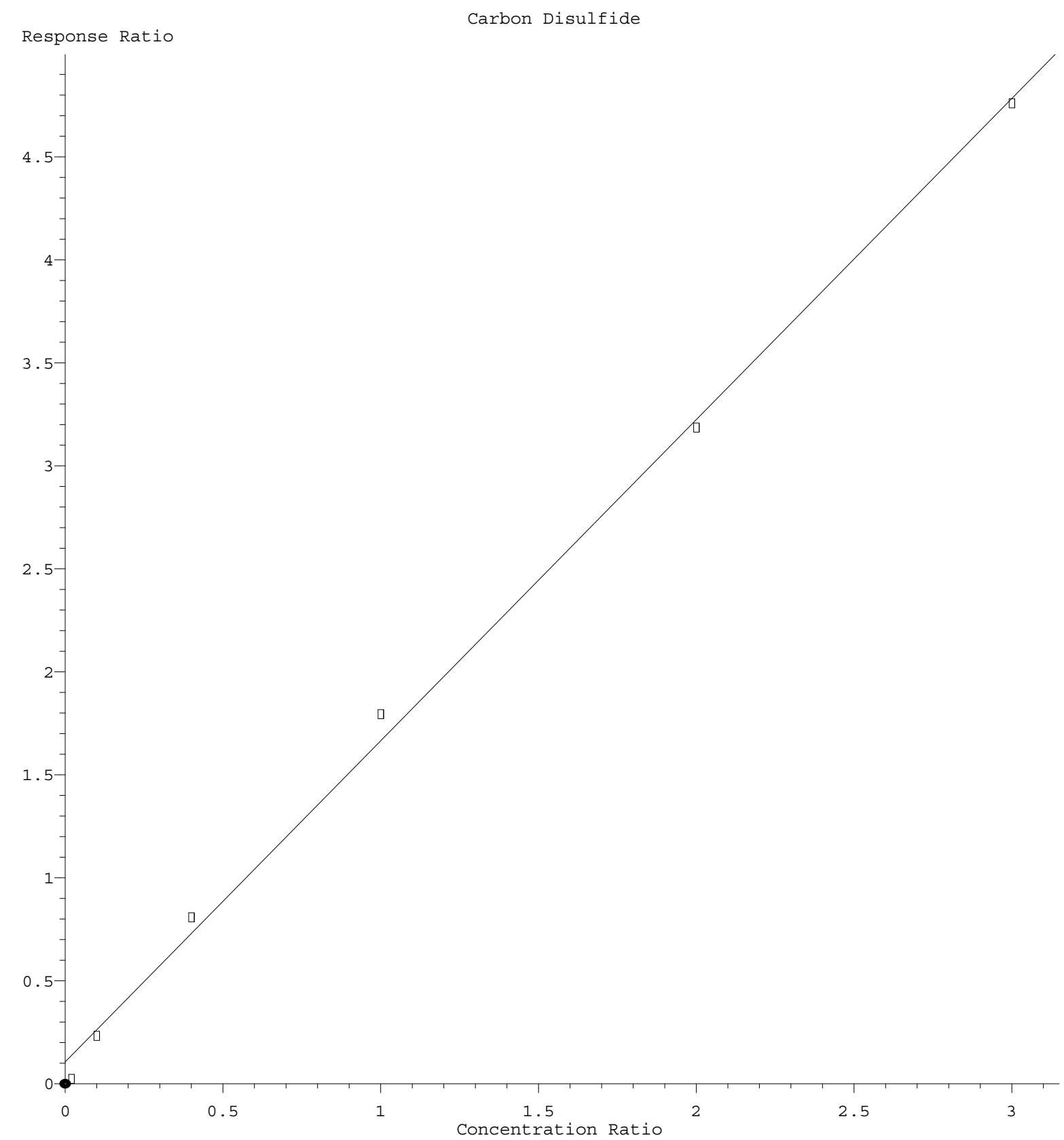
Response = 5.819e-001 * Amt + 2.801e-002
Coef of Det (r^2) = 0.997130 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



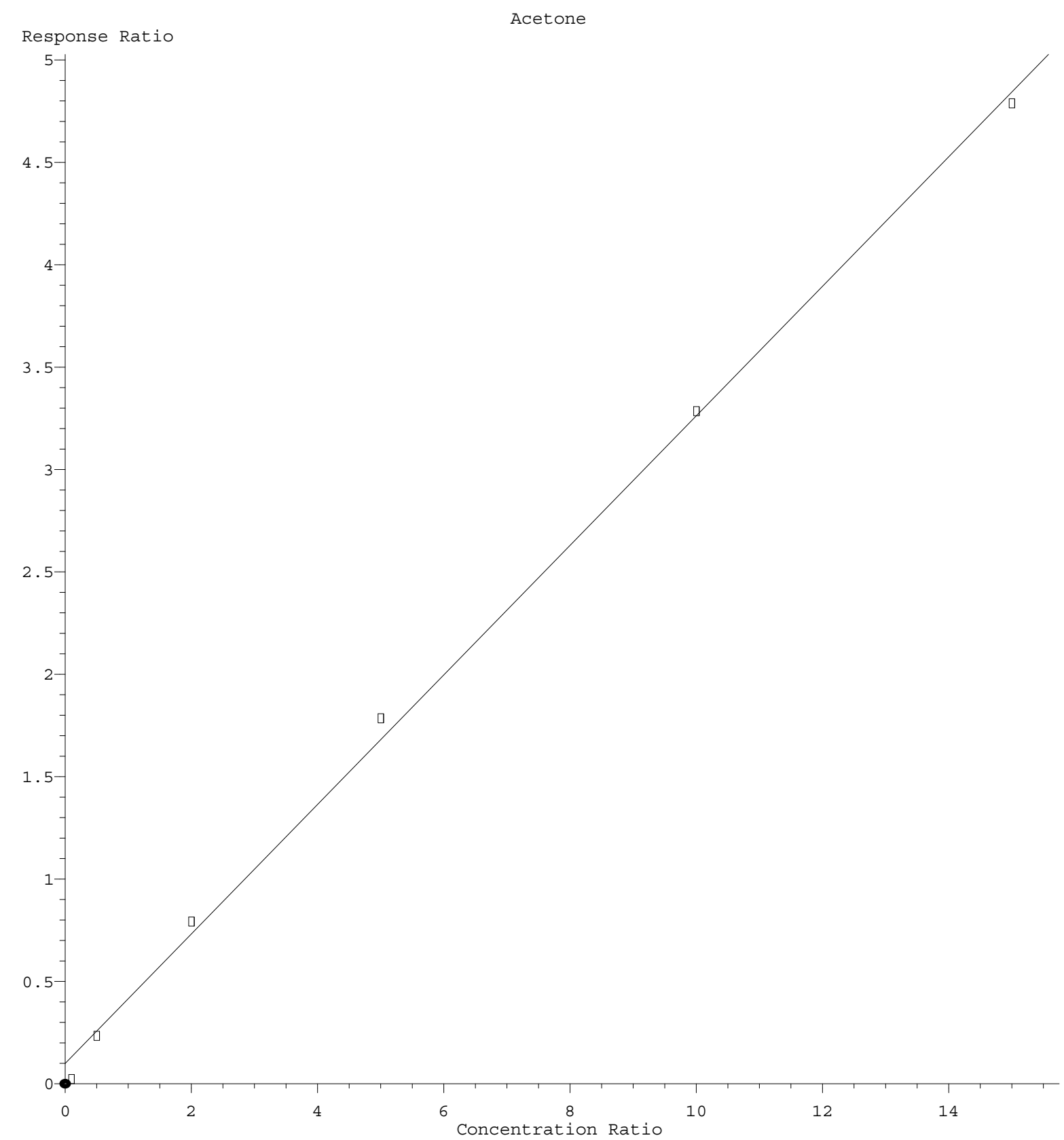
Response = 6.031e-001 * Amt + 2.428e-002
Coef of Det (r^2) = 0.991306 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



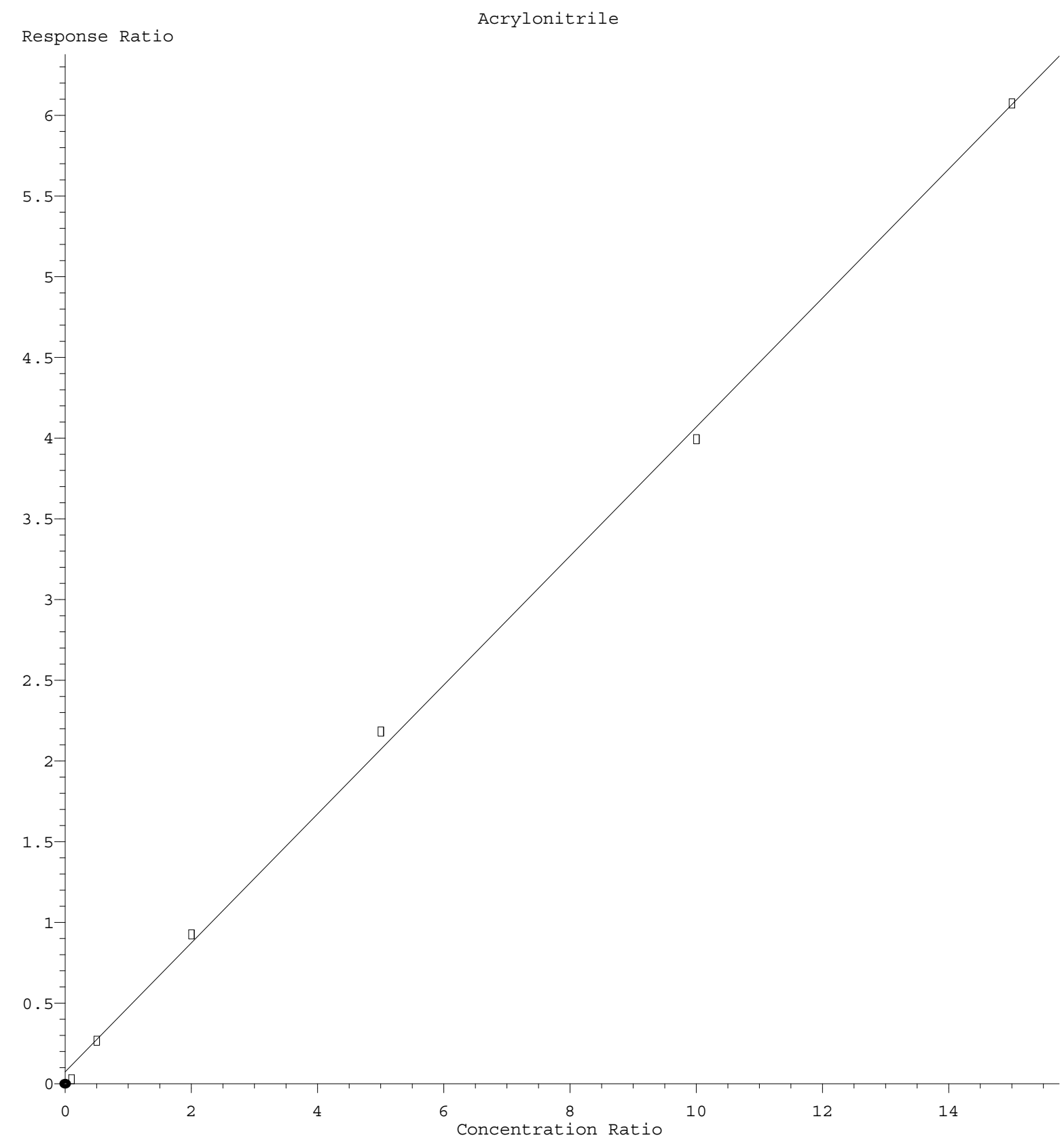
Response = 8.508e-001 * Amt + 1.735e-002
Coef of Det (r^2) = 0.999651 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



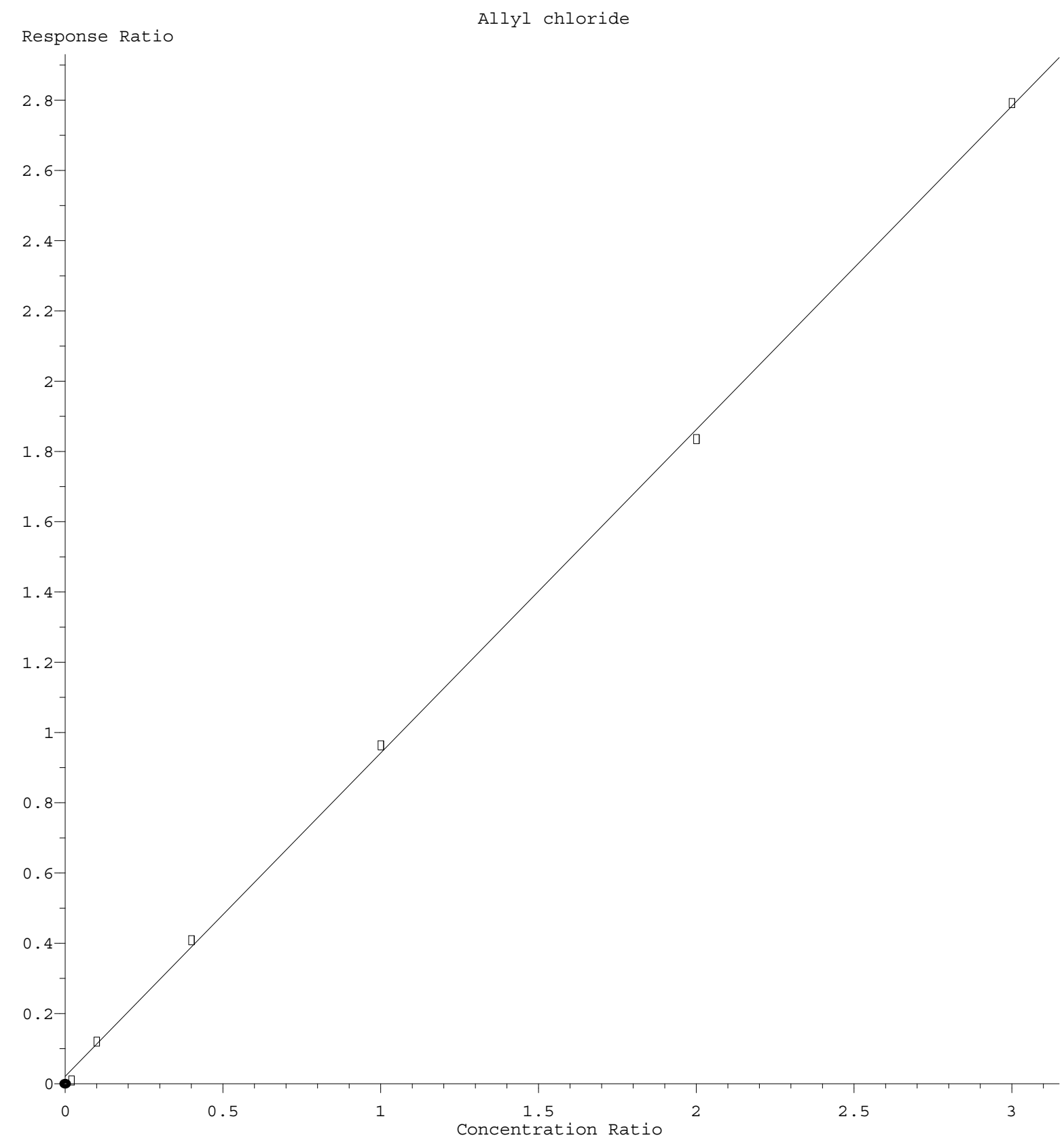
Response = 1.560e+000 * Amt + 1.057e-001
Coef of Det (r^2) = 0.997776 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



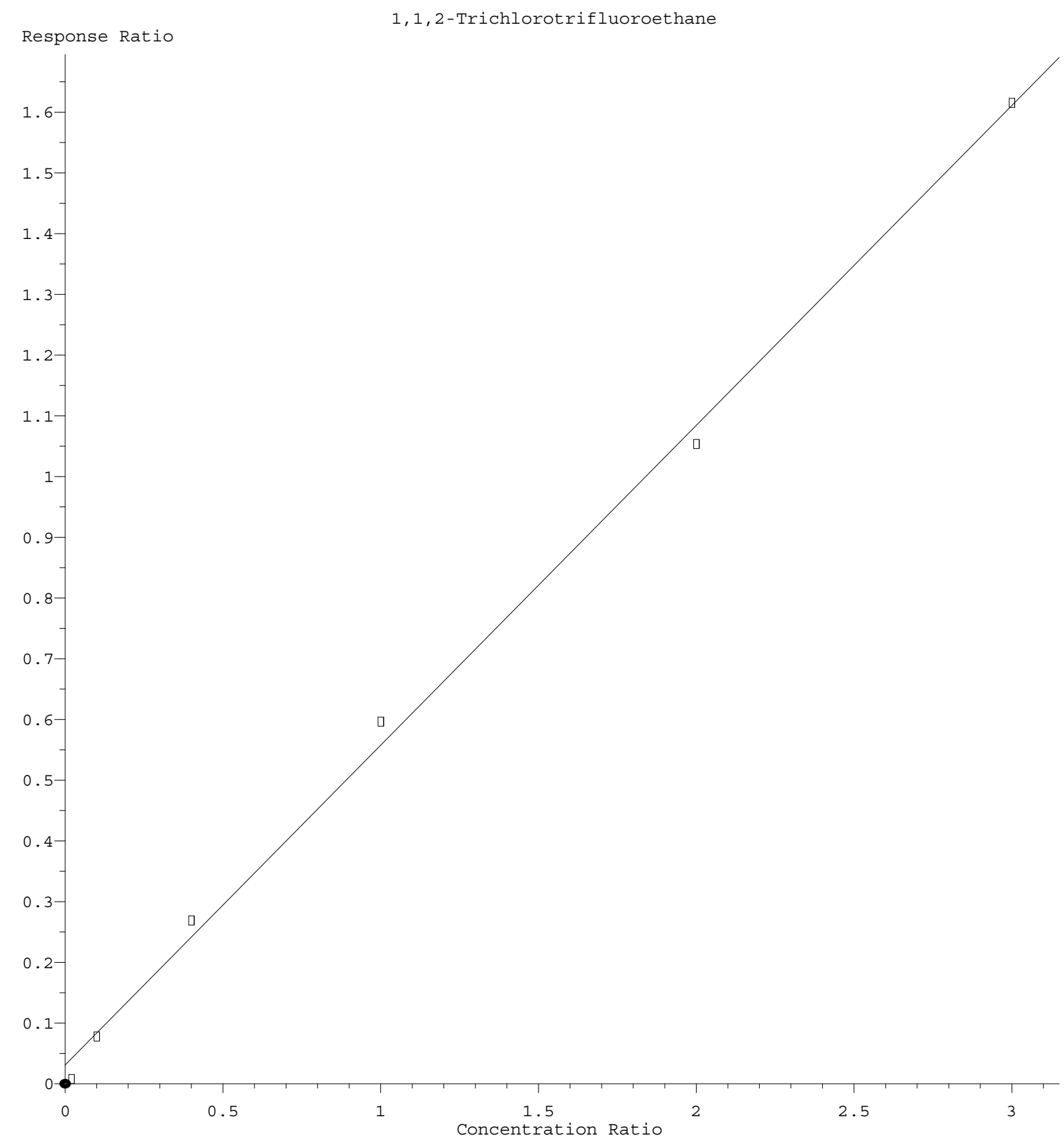
Response = 3.164e-001 * Amt + 9.886e-002
Coef of Det (r^2) = 0.998301 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



Response = 3.995e-001 * Amt + 7.442e-002
Coef of Det (r^2) = 0.999002 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



Response = 9.208e-001 * Amt + 2.059e-002
Coef of Det (r^2) = 0.999566 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025



Response = 5.266e-001 * Amt + 3.095e-002
Coef of Det (r^2) = 0.997775 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062625W.M
Calibration Table Last Updated: Fri Jun 27 05:55:21 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087199.D
Acq On : 26 Jun 2025 17:15
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 27 05:20:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	144588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	10413	5.004	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.000%#			
35) Dibromofluoromethane	8.171	113	8351	4.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 8.540%#			
50) Toluene-d8	10.565	98	36734	4.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.080%#			
62) 4-Bromofluorobenzene	12.847	95	12425	4.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 8.860%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	10890	6.010	ug/l	91
3) Chloromethane	2.401	50	10710	6.054	ug/l	99
4) Vinyl Chloride	2.554	62	10782	5.640	ug/l	91
5) Bromomethane	2.989	94	5863	5.715	ug/l	96
6) Chloroethane	3.148	64	6193	6.200	ug/l	99
7) Trichlorofluoromethane	3.536	101	14269	6.268	ug/l	98
8) Diethyl Ether	3.977	74	6740	6.656	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	11242	4.443	ug/l	96
10) Methyl Iodide	4.618	142	5512	3.889	ug/l	93
11) Tert butyl alcohol	5.536	59	13469	29.379	ug/l #	88
12) 1,1-Dichloroethene	4.365	96	11075	6.530	ug/l	97
13) Acrolein	4.200	56	10914	28.872	ug/l	99
14) Allyl chloride	5.053	41	17327	5.389	ug/l	98
15) Acrylonitrile	5.742	53	38528	24.039	ug/l	99
16) Acetone	4.453	43	33850	21.376	ug/l	97
17) Carbon Disulfide	4.736	76	33651	4.072	ug/l #	94
18) Methyl Acetate	5.047	43	15527	5.292	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	35793	6.127	ug/l	97
20) Methylene Chloride	5.300	84	13073	5.483	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	12009	6.384	ug/l	89
22) Diisopropyl ether	6.689	45	36065	5.971	ug/l	97
23) Vinyl Acetate	6.618	43	154103	28.531	ug/l	98
24) 1,1-Dichloroethane	6.583	63	21235	5.953	ug/l	97
25) 2-Butanone	7.500	43	33873	21.472	ug/l	97
26) 2,2-Dichloropropane	7.500	77	13897	4.901	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	10327	4.722	ug/l	93
28) Bromochloromethane	7.818	49	7245	4.620	ug/l #	95
29) Tetrahydrofuran	7.853	42	22040	21.309	ug/l	99
30) Chloroform	7.977	83	16576	4.926	ug/l	89
31) Cyclohexane	8.259	56	17207	5.342	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	14531	5.026	ug/l #	53
36) 1,1-Dichloropropene	8.377	75	11602	4.049	ug/l	97
37) Ethyl Acetate	7.571	43	14036	1.580	ug/l	97
38) Carbon Tetrachloride	8.365	117	12254	4.391	ug/l	89
39) Methylcyclohexane	9.606	83	16771	4.798	ug/l	90
40) Benzene	8.612	78	36450	4.117	ug/l	95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087199.D
Acq On : 26 Jun 2025 17:15
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 27 05:20:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.788	41	6868	3.663 ug/l #	93
42) 1,2-Dichloroethane	8.677	62	13455	4.675 ug/l	97
43) Isopropyl Acetate	8.694	43	22325	4.238 ug/l	99
44) Trichloroethene	9.359	130	10853	5.120 ug/l	89
45) 1,2-Dichloropropane	9.624	63	11803	5.172 ug/l	97
46) Dibromomethane	9.706	93	8094	5.234 ug/l	95
47) Bromodichloromethane	9.888	83	16259	5.235 ug/l #	96
48) Methyl methacrylate	9.682	41	12128	4.762 ug/l	97
49) 1,4-Dioxane	9.712	88	3131	85.903 ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	81112	18.876 ug/l	96
52) Toluene	10.629	92	27193	4.805 ug/l	99
53) t-1,3-Dichloropropene	10.835	75	16852	4.866 ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	18059	4.901 ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	10558	4.933 ug/l	97
56) Ethyl methacrylate	10.888	69	13372	3.119 ug/l	94
57) 1,3-Dichloropropane	11.165	76	18905	4.999 ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	43816	18.857 ug/l	97
59) 2-Hexanone	11.229	43	58150m	24.815 ug/l	
60) Dibromochloromethane	11.359	129	11406	4.900 ug/l	95
61) 1,2-Dibromoethane	11.471	107	10896	4.816 ug/l	96
64) Tetrachloroethene	11.106	164	8751	5.164 ug/l	93
65) Chlorobenzene	11.894	112	31770	5.174 ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	9966	5.081 ug/l	98
67) Ethyl Benzene	11.965	91	50524	4.933 ug/l	99
68) m/p-Xylenes	12.065	106	36956	9.431 ug/l	97
69) o-Xylene	12.394	106	13529	3.798 ug/l	93
70) Styrene	12.412	104	24461	4.001 ug/l	99
71) Bromoform	12.576	173	7075	4.860 ug/l #	94
73) Isopropylbenzene	12.694	105	43153	4.277 ug/l	99
74) N-amyl acetate	12.641	43	19124m	5.129 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	18032	4.962 ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	15814m	4.510 ug/l	
77) Bromobenzene	12.982	156	11527	4.701 ug/l	98
78) n-propylbenzene	13.035	91	55583	4.472 ug/l	100
79) 2-Chlorotoluene	13.123	91	34860	4.506 ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	37462	4.497 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	6732	4.543 ug/l	97
82) 4-Chlorotoluene	13.218	91	36088	4.679 ug/l	99
83) tert-Butylbenzene	13.435	119	33464	4.677 ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	39118	4.628 ug/l	99
85) sec-Butylbenzene	13.612	105	50663	4.806 ug/l	100
86) p-Isopropyltoluene	13.723	119	40612	4.697 ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	24321	4.929 ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	26400	5.203 ug/l	94
89) n-Butylbenzene	14.053	91	38794	4.829 ug/l	97
90) Hexachloroethane	14.335	117	8080	4.829 ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	22538	4.849 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4116	4.961 ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	12744	4.925 ug/l	99
94) Hexachlorobutadiene	15.494	225	4398	5.388 ug/l	96
95) Naphthalene	15.635	128	43669	4.449 ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	12641	4.948 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087199.D
Acq On : 26 Jun 2025 17:15
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:20:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

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

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

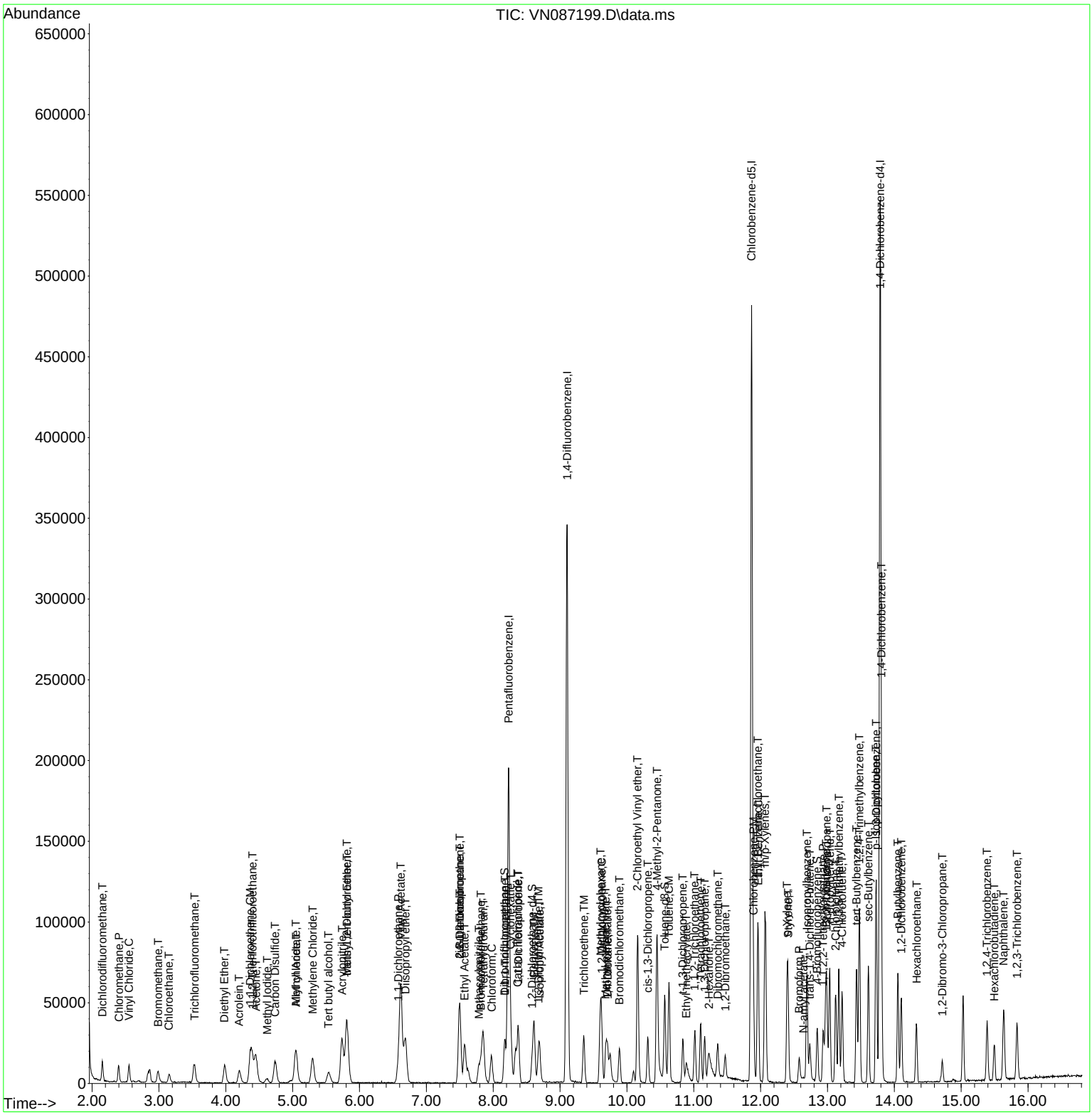
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087199.D
Acq On : 26 Jun 2025 17:15
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 27 05:20:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087200.D
Acq On : 26 Jun 2025 17:36
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	170364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	48705	19.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.740%#		
35) Dibromofluoromethane	8.171	113	40792	23.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	47.000%#		
50) Toluene-d8	10.565	98	170429	23.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	47.480%#		
62) 4-Bromofluorobenzene	12.847	95	58533	23.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	46.980%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	42367	19.845	ug/l	97
3) Chloromethane	2.395	50	42188	20.239	ug/l	94
4) Vinyl Chloride	2.554	62	46155	20.491	ug/l	98
5) Bromomethane	2.989	94	25150	20.805	ug/l	95
6) Chloroethane	3.148	64	24283	20.631	ug/l	95
7) Trichlorofluoromethane	3.530	101	60511	22.560	ug/l	98
8) Diethyl Ether	3.983	74	27699	23.216	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.395	101	45818	22.596	ug/l	97
10) Methyl Iodide	4.612	142	30583	18.314	ug/l	96
11) Tert butyl alcohol	5.536	59	56922	105.373	ug/l	100
12) 1,1-Dichloroethene	4.371	96	44084	22.059	ug/l	98
13) Acrolein	4.195	56	38641	86.757	ug/l	97
14) Allyl chloride	5.048	41	69613	21.069	ug/l	98
15) Acrylonitrile	5.736	53	157621	106.494	ug/l	99
16) Acetone	4.448	43	134913	109.535	ug/l	99
17) Carbon Disulfide	4.742	76	137611	22.505	ug/l	97
18) Methyl Acetate	5.042	43	64268	21.151	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	153142	22.248	ug/l	100
20) Methylene Chloride	5.301	84	51396	22.998	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	49088	22.147	ug/l	99
22) Diisopropyl ether	6.689	45	155435	21.840	ug/l	98
23) Vinyl Acetate	6.618	43	706511	111.013	ug/l	99
24) 1,1-Dichloroethane	6.583	63	91143	21.684	ug/l	99
25) 2-Butanone	7.495	43	214331	115.308	ug/l	96
26) 2,2-Dichloropropane	7.500	77	75173	22.499	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	57553	22.333	ug/l	99
28) Bromochloromethane	7.818	49	40932	22.152	ug/l	98
29) Tetrahydrofuran	7.847	42	144001	118.160	ug/l	97
30) Chloroform	7.977	83	89842	22.660	ug/l	98
31) Cyclohexane	8.265	56	77867	20.515	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	72976	21.424	ug/l	99
36) 1,1-Dichloropropene	8.377	75	60757	23.893	ug/l	100
37) Ethyl Acetate	7.571	43	85989	25.111	ug/l	99
38) Carbon Tetrachloride	8.371	117	60127	24.279	ug/l	98
39) Methylcyclohexane	9.606	83	76987	24.815	ug/l	98
40) Benzene	8.606	78	183705	23.382	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087200.D
Acq On : 26 Jun 2025 17:36
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 27 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	42490	25.531	ug/l		97
42) 1,2-Dichloroethane	8.677	62	53988	21.137	ug/l		99
43) Isopropyl Acetate	8.694	43	97071	20.765	ug/l		99
44) Trichloroethene	9.359	130	45669	24.277	ug/l		95
45) 1,2-Dichloropropane	9.624	63	51430	25.395	ug/l		100
46) Dibromomethane	9.712	93	35247	25.682	ug/l		98
47) Bromodichloromethane	9.888	83	70549	25.595	ug/l		98
48) Methyl methacrylate	9.683	41	56485	24.991	ug/l		98
49) 1,4-Dioxane	9.706	88	16017	413.699	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	393796	115.127	ug/l		99
52) Toluene	10.630	92	126615	25.208	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	76661	24.943	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	82961	25.369	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	48288	25.419	ug/l		99
56) Ethyl methacrylate	10.883	69	73482	22.589	ug/l		97
57) 1,3-Dichloropropane	11.165	76	84644	25.220	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	179171	101.331	ug/l		100
59) 2-Hexanone	11.206	43	232303	111.698	ug/l		96
60) Dibromochloromethane	11.359	129	51223	24.794	ug/l		99
61) 1,2-Dibromoethane	11.465	107	50336	25.067	ug/l		98
64) Tetrachloroethene	11.100	164	38772	20.669	ug/l		97
65) Chlorobenzene	11.888	112	141776	20.856	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	45618	21.009	ug/l		99
67) Ethyl Benzene	11.959	91	236965	20.901	ug/l		99
68) m/p-Xylenes	12.071	106	184445	42.518	ug/l		99
69) o-Xylene	12.394	106	84954	21.543	ug/l		98
70) Styrene	12.412	104	147068	21.727	ug/l		99
71) Bromoform	12.577	173	33471	20.770	ug/l	#	99
73) Isopropylbenzene	12.694	105	218564	21.689	ug/l		99
74) N-amyl acetate	12.535	43	78171m	20.993	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	77858	21.452	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	63938m	18.258	ug/l		
77) Bromobenzene	12.976	156	52344	21.373	ug/l		99
78) n-propylbenzene	13.035	91	267638	21.563	ug/l		100
79) 2-Chlorotoluene	13.124	91	161418	20.892	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	180017	21.639	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	30827	20.832	ug/l		90
82) 4-Chlorotoluene	13.218	91	165748	21.518	ug/l		99
83) tert-Butylbenzene	13.435	119	151859	21.251	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	181793	21.536	ug/l		100
85) sec-Butylbenzene	13.612	105	228579	21.712	ug/l		100
86) p-Isopropyltoluene	13.724	119	186341	21.581	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	104141	21.131	ug/l		98
88) 1,4-Dichlorobenzene	13.806	146	102599	20.248	ug/l		96
89) n-Butylbenzene	14.053	91	173749	21.658	ug/l		99
90) Hexachloroethane	14.329	117	34185	20.458	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	96075	20.699	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16960	20.470	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	53745	20.799	ug/l		99
94) Hexachlorobutadiene	15.494	225	16783	20.589	ug/l		100
95) Naphthalene	15.635	128	202398	20.647	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	51827	20.314	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087200.D
Acq On : 26 Jun 2025 17:36
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 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

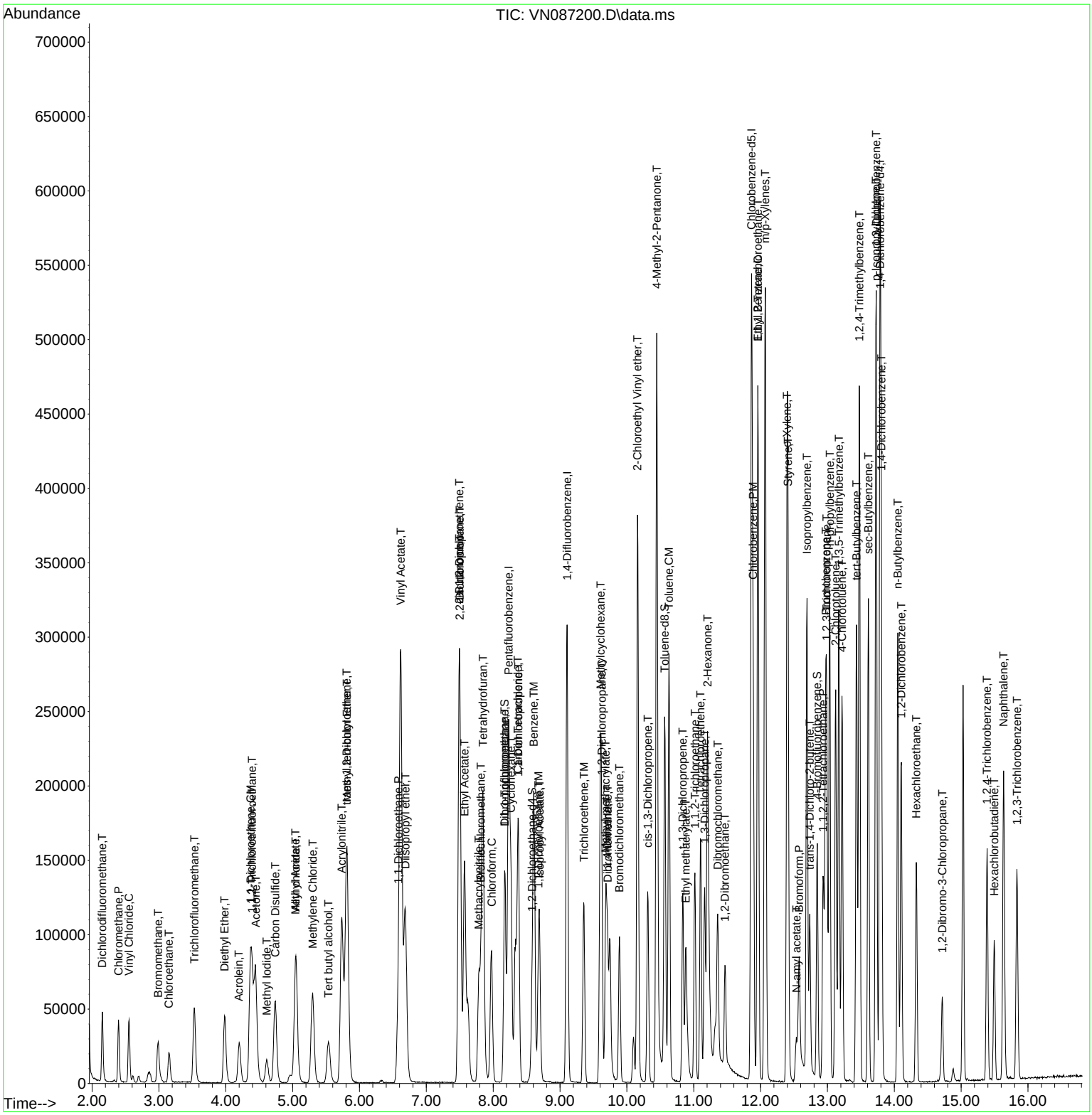
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087200.D
Acq On : 26 Jun 2025 17:36
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 27 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087201.D
Acq On : 26 Jun 2025 17:57
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:21:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	179973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129085	49.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.680%			
35) Dibromofluoromethane	8.171	113	101177	49.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	10.565	98	415277	48.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.847	95	145372	49.179	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	111266	49.336	ug/l	100
3) Chloromethane	2.395	50	106871	48.531	ug/l	100
4) Vinyl Chloride	2.554	62	115299	48.454	ug/l	100
5) Bromomethane	2.989	94	56536	44.272	ug/l	100
6) Chloroethane	3.153	64	61452	49.422	ug/l	100
7) Trichlorofluoromethane	3.530	101	132745	46.848	ug/l	100
8) Diethyl Ether	3.983	74	69968	55.512	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.406	101	107311	53.673	ug/l	100
10) Methyl Iodide	4.618	142	96285	54.580	ug/l	100
11) Tert butyl alcohol	5.536	59	145226	254.486	ug/l	100
12) 1,1-Dichloroethene	4.365	96	108161	51.232	ug/l	100
13) Acrolein	4.200	56	120791	256.720	ug/l	100
14) Allyl chloride	5.047	41	173347	51.182	ug/l	100
15) Acrylonitrile	5.736	53	392743	263.838	ug/l	100
16) Acetone	4.442	43	321189	266.436	ug/l	100
17) Carbon Disulfide	4.736	76	322866	54.119	ug/l	100
18) Methyl Acetate	5.047	43	158866	50.859	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	375565	51.647	ug/l	100
20) Methylene Chloride	5.295	84	120848	53.655	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	116633	49.812	ug/l	100
22) Diisopropyl ether	6.683	45	379019	50.413	ug/l	100
23) Vinyl Acetate	6.618	43	1727085	256.885	ug/l	100
24) 1,1-Dichloroethane	6.583	63	221153	49.805	ug/l	100
25) 2-Butanone	7.488	43	526708	268.234	ug/l	100
26) 2,2-Dichloropropane	7.494	77	180527	51.145	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	139711	51.318	ug/l	100
28) Bromochloromethane	7.824	49	105661	54.129	ug/l	100
29) Tetrahydrofuran	7.847	42	346440	269.094	ug/l	100
30) Chloroform	7.971	83	212822	50.812	ug/l	100
31) Cyclohexane	8.265	56	202391	50.475	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	180086	50.046	ug/l	100
36) 1,1-Dichloropropene	8.383	75	158936	52.681	ug/l	100
37) Ethyl Acetate	7.571	43	201899	52.049	ug/l	100
38) Carbon Tetrachloride	8.371	117	153674	52.301	ug/l	100
39) Methylcyclohexane	9.606	83	181318	49.258	ug/l	100
40) Benzene	8.612	78	481570	51.661	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087201.D
Acq On : 26 Jun 2025 17:57
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 27 05:21:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.783	41	106998	54.189 ug/l	100
42) 1,2-Dichloroethane	8.677	62	160021	52.804 ug/l	100
43) Isopropyl Acetate	8.694	43	308092	55.547 ug/l	100
44) Trichloroethene	9.353	130	110742	49.618 ug/l	100
45) 1,2-Dichloropropane	9.624	63	118878	49.475 ug/l	100
46) Dibromomethane	9.712	93	80704	49.563 ug/l	100
47) Bromodichloromethane	9.888	83	157006	48.010 ug/l	100
48) Methyl methacrylate	9.682	41	138847	51.778 ug/l	100
49) 1,4-Dioxane	9.700	88	43874	990.650 ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	975334	249.359 ug/l	100
52) Toluene	10.629	92	307077	51.528 ug/l	100
53) t-1,3-Dichloropropene	10.835	75	189006	51.833 ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	196914	50.753 ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	114712	50.896 ug/l	100
56) Ethyl methacrylate	10.877	69	193411	50.881 ug/l	100
57) 1,3-Dichloropropane	11.165	76	203630	51.138 ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	519082	253.209 ug/l	100
59) 2-Hexanone	11.200	43	643004	260.586 ug/l	100
60) Dibromochloromethane	11.359	129	124477	50.783 ug/l	100
61) 1,2-Dibromoethane	11.471	107	122054	51.231 ug/l	100
64) Tetrachloroethene	11.100	164	92941	50.435 ug/l	100
65) Chlorobenzene	11.888	112	334493	50.087 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	107915	50.590 ug/l	100
67) Ethyl Benzene	11.959	91	583775	52.413 ug/l	100
68) m/p-Xylenes	12.071	106	447952	105.112 ug/l	100
69) o-Xylene	12.394	106	214373	55.335 ug/l	100
70) Styrene	12.406	104	368973	55.488 ug/l	100
71) Bromoform	12.576	173	83854	52.969 ug/l #	100
73) Isopropylbenzene	12.694	105	541193	52.275 ug/l	100
74) N-amyl acetate	12.512	43	180830	47.270 ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	185309	49.697 ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	177665m	49.382 ug/l	
77) Bromobenzene	12.976	156	127049	50.495 ug/l	100
78) n-propylbenzene	13.035	91	663853	52.062 ug/l	100
79) 2-Chlorotoluene	13.123	91	392529	49.451 ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	449066	52.543 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	69451	45.683 ug/l	100
82) 4-Chlorotoluene	13.218	91	404012	51.055 ug/l	100
83) tert-Butylbenzene	13.435	119	385722	52.541 ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	455006	52.467 ug/l	100
85) sec-Butylbenzene	13.612	105	564464	52.188 ug/l	100
86) p-Isopropyltoluene	13.723	119	467682	52.722 ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	249573	49.293 ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	256559	49.284 ug/l	100
89) n-Butylbenzene	14.053	91	427156	51.828 ug/l	100
90) Hexachloroethane	14.329	117	85610	49.870 ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	238296	49.973 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43332	50.908 ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	136667	51.482 ug/l	100
94) Hexachlorobutadiene	15.494	225	41567	49.636 ug/l	100
95) Naphthalene	15.635	128	530845	52.709 ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	133747	51.027 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087201.D
Acq On : 26 Jun 2025 17:57
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:21:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 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

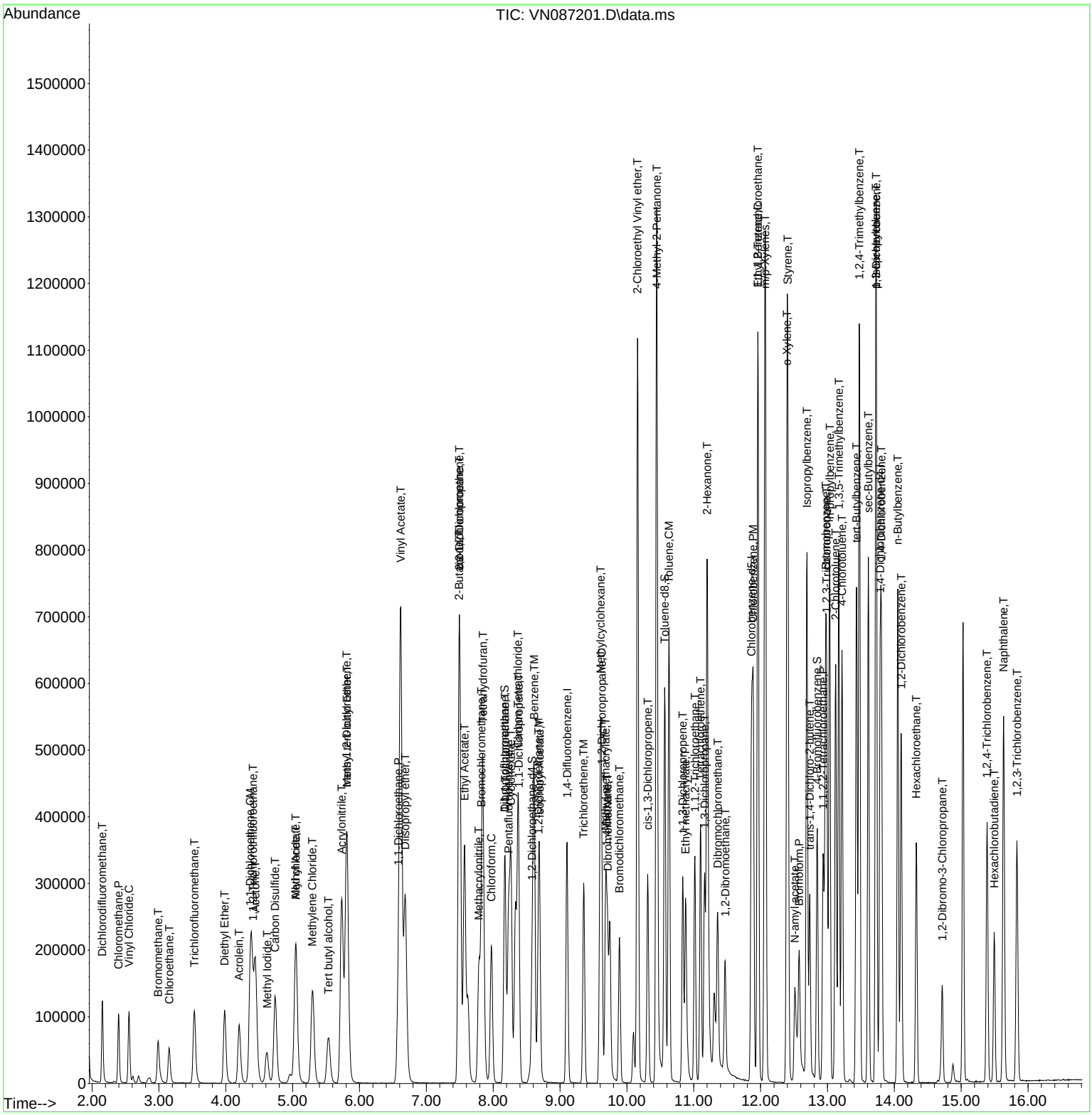
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087201.D
Acq On : 26 Jun 2025 17:57
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 27 05:21:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087202.D
Acq On : 26 Jun 2025 18:18
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 27 05:22:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	189074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282734	103.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 207.820%#			
35) Dibromofluoromethane	8.171	113	222340	100.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.420%#			
50) Toluene-d8	10.565	98	907457	98.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 197.780%#			
62) 4-Bromofluorobenzene	12.847	95	313813	98.556	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 197.120%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	231259	97.606	ug/l	98
3) Chloromethane	2.395	50	222774	96.294	ug/l	96
4) Vinyl Chloride	2.553	62	244389	97.761	ug/l	100
5) Bromomethane	2.977	94	119492	89.067	ug/l	98
6) Chloroethane	3.147	64	117955	90.298	ug/l	98
7) Trichlorofluoromethane	3.524	101	279728	93.969	ug/l	98
8) Diethyl Ether	3.983	74	102174	77.162	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	199196	97.089	ug/l	99
10) Methyl Iodide	4.618	142	197516	106.575	ug/l	96
11) Tert butyl alcohol	5.536	59	249160	415.599	ug/l	99
12) 1,1-Dichloroethene	4.365	96	203525	91.762	ug/l	94
13) Acrolein	4.200	56	219814	444.689	ug/l	100
14) Allyl chloride	5.047	41	346927	98.514	ug/l	98
15) Acrylonitrile	5.736	53	755049	490.544	ug/l	99
16) Acetone	4.447	43	621040	503.506	ug/l	98
17) Carbon Disulfide	4.736	76	602301	98.728	ug/l	100
18) Methyl Acetate	5.047	43	320646	98.650	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	736860	96.454	ug/l	99
20) Methylene Chloride	5.294	84	209621	89.900	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	224446	91.243	ug/l	98
22) Diisopropyl ether	6.683	45	777048	98.380	ug/l	98
23) Vinyl Acetate	6.618	43	3535866	500.607	ug/l	99
24) 1,1-Dichloroethane	6.583	63	452441	96.988	ug/l	100
25) 2-Butanone	7.488	43	1069886	518.629	ug/l	100
26) 2,2-Dichloropropane	7.500	77	371089	100.073	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	288207	100.768	ug/l	99
28) Bromochloromethane	7.824	49	213748	104.230	ug/l	99
29) Tetrahydrofuran	7.841	42	703671	520.262	ug/l	99
30) Chloroform	7.971	83	429252	97.552	ug/l	99
31) Cyclohexane	8.265	56	413264	98.104	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	369535	97.750	ug/l	98
36) 1,1-Dichloropropene	8.377	75	327699	100.837	ug/l	99
37) Ethyl Acetate	7.571	43	410211	100.307	ug/l	99
38) Carbon Tetrachloride	8.371	117	313156	98.942	ug/l	98
39) Methylcyclohexane	9.600	83	390485	98.482	ug/l	98
40) Benzene	8.612	78	1018983	101.480	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087202.D
Acq On : 26 Jun 2025 18:18
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 27 05:22:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.782	41	220179	103.520 ug/l	99
42) 1,2-Dichloroethane	8.671	62	323063	98.967 ug/l	98
43) Isopropyl Acetate	8.694	43	627098	104.961 ug/l	98
44) Trichloroethene	9.353	130	229067	95.279 ug/l	98
45) 1,2-Dichloropropane	9.624	63	242812	93.814 ug/l	99
46) Dibromomethane	9.712	93	169948	96.892 ug/l	100
47) Bromodichloromethane	9.888	83	343370	97.474 ug/l	99
48) Methyl methacrylate	9.682	41	294217	101.856 ug/l	98
49) 1,4-Dioxane	9.700	88	85107	2004.641 ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1964664	492.637 ug/l	99
52) Toluene	10.629	92	632561	98.540 ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391177	99.590 ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	415729	99.474 ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	233977	96.374 ug/l	97
56) Ethyl methacrylate	10.876	69	409710	100.670 ug/l	99
57) 1,3-Dichloropropane	11.165	76	417372	97.306 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1158769	529.046 ug/l	98
59) 2-Hexanone	11.200	43	1356383	510.308 ug/l	97
60) Dibromochloromethane	11.359	129	258980	98.087 ug/l	99
61) 1,2-Dibromoethane	11.470	107	248616	96.877 ug/l	98
64) Tetrachloroethene	11.100	164	196864	102.793 ug/l	98
65) Chlorobenzene	11.888	112	686925	98.973 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	222133	100.199 ug/l	99
67) Ethyl Benzene	11.959	91	1198963	103.579 ug/l	98
68) m/p-Xylenes	12.070	106	937003	211.557 ug/l	98
69) o-Xylene	12.394	106	446273	110.841 ug/l	97
70) Styrene	12.412	104	762764	110.374 ug/l	99
71) Bromoform	12.576	173	171779	104.408 ug/l #	100
73) Isopropylbenzene	12.694	105	1110817	110.356 ug/l	100
74) N-amyl acetate	12.506	43	394633	106.101 ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	367954	101.494 ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	356801m	102.001 ug/l	
77) Bromobenzene	12.976	156	260023	106.292 ug/l	98
78) n-propylbenzene	13.035	91	1349217	108.828 ug/l	100
79) 2-Chlorotoluene	13.123	91	792357	102.667 ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	913429	109.924 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	159408	107.845 ug/l	89
82) 4-Chlorotoluene	13.217	91	816172	106.080 ug/l	100
83) tert-Butylbenzene	13.435	119	772423	108.215 ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	920480	109.167 ug/l	100
85) sec-Butylbenzene	13.611	105	1126759	107.147 ug/l	99
86) p-Isopropyltoluene	13.723	119	943846	109.433 ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	503280	102.237 ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	505455	99.865 ug/l	100
89) n-Butylbenzene	14.053	91	835367	104.247 ug/l	99
90) Hexachloroethane	14.329	117	173255	103.803 ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	469960	101.366 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	85807	103.683 ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	271823	105.314 ug/l	98
94) Hexachlorobutadiene	15.494	225	80252	98.563 ug/l	99
95) Naphthalene	15.635	128	1097397	112.071 ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	262741	103.099 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087202.D
Acq On : 26 Jun 2025 18:18
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:22:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

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

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

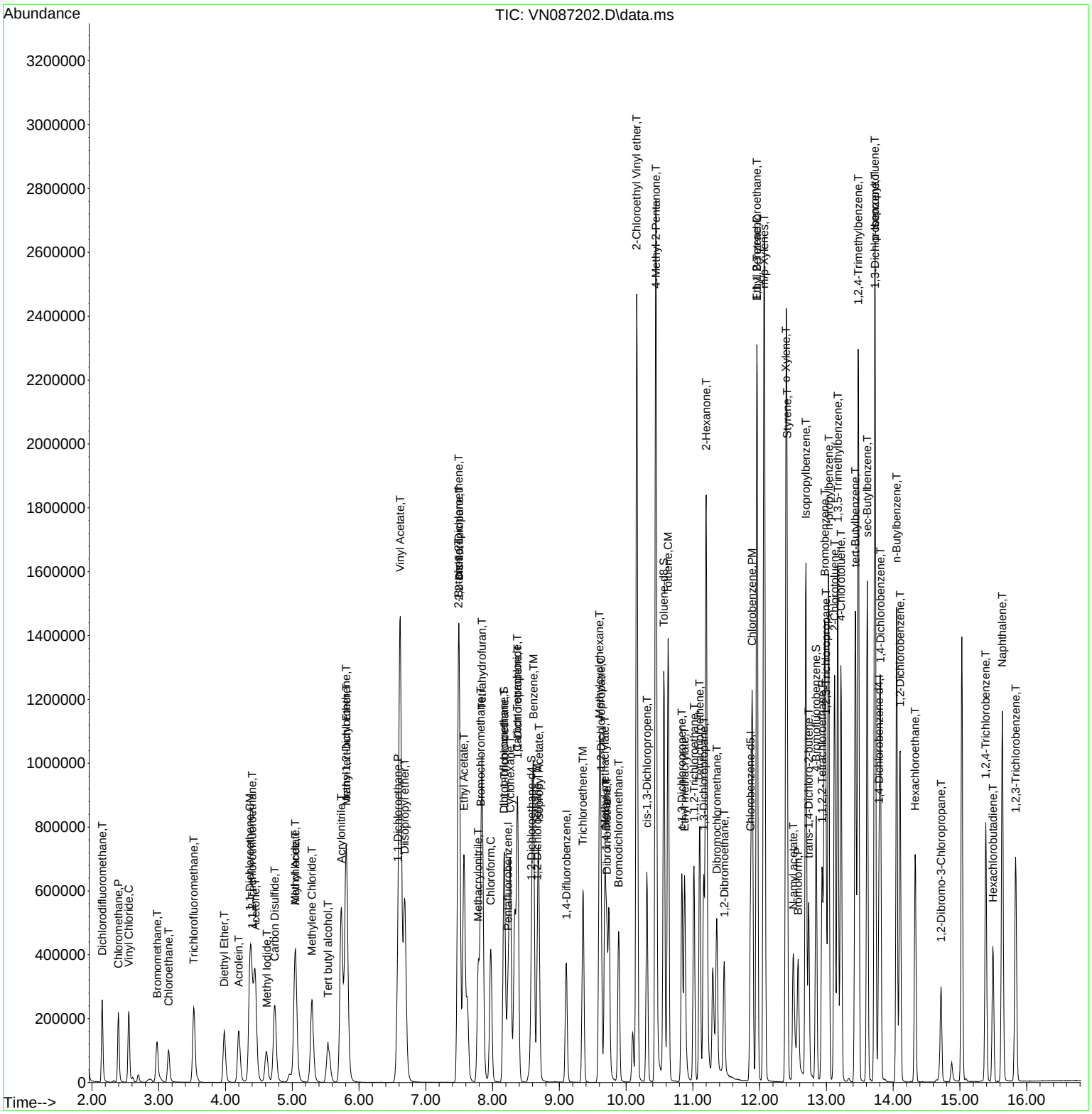
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087202.D
Acq On : 26 Jun 2025 18:18
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 27 05:22:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087203.D
Acq On : 26 Jun 2025 18:39
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 27 05:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	203305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	425659	145.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 290.980%#			
35) Dibromofluoromethane	8.171	113	340683	148.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 296.020%#			
50) Toluene-d8	10.565	98	1344013	141.181	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 282.360%#			
62) 4-Bromofluorobenzene	12.847	95	481106	145.645	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 291.280%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	364471	143.062	ug/l	100
3) Chloromethane	2.395	50	361001	145.120	ug/l	95
4) Vinyl Chloride	2.554	62	410706	152.791	ug/l	99
5) Bromomethane	2.960	94	225196	156.106	ug/l	98
6) Chloroethane	3.142	64	194624	138.561	ug/l	99
7) Trichlorofluoromethane	3.524	101	460213	143.778	ug/l	94
8) Diethyl Ether	3.983	74	212441	149.205	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	328365	150.410	ug/l	99
10) Methyl Iodide	4.612	142	343483	172.363	ug/l	99
11) Tert butyl alcohol	5.542	59	445764	691.488	ug/l	100
12) 1,1-Dichloroethene	4.365	96	334423	140.224	ug/l	96
13) Acrolein	4.201	56	423063	795.957	ug/l	100
14) Allyl chloride	5.048	41	567503	150.452	ug/l	100
15) Acrylonitrile	5.736	53	1234801	750.930	ug/l	100
16) Acetone	4.442	43	973473	741.147	ug/l	98
17) Carbon Disulfide	4.736	76	967714	149.196	ug/l	99
18) Methyl Acetate	5.042	43	524005	150.460	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	1245774	151.655	ug/l	98
20) Methylene Chloride	5.295	84	385319	155.113	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	380703	143.932	ug/l	93
22) Diisopropyl ether	6.683	45	1186861	139.747	ug/l	97
23) Vinyl Acetate	6.612	43	5362467	706.073	ug/l	98
24) 1,1-Dichloroethane	6.583	63	702081	139.967	ug/l	99
25) 2-Butanone	7.489	43	1631747	735.623	ug/l	99
26) 2,2-Dichloropropane	7.501	77	572380	143.551	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	456497	148.436	ug/l	97
28) Bromochloromethane	7.824	49	308237	139.784	ug/l	96
29) Tetrahydrofuran	7.848	42	1062259	730.410	ug/l	98
30) Chloroform	7.971	83	666428	140.851	ug/l	99
31) Cyclohexane	8.265	56	621955	137.311	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	573241	141.021	ug/l	95
36) 1,1-Dichloropropene	8.377	75	512975	152.153	ug/l	99
37) Ethyl Acetate	7.565	43	625496	148.562	ug/l	99
38) Carbon Tetrachloride	8.371	117	490767	149.464	ug/l	97
39) Methylcyclohexane	9.600	83	604337	146.918	ug/l	99
40) Benzene	8.612	78	1573911	151.089	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087203.D
Acq On : 26 Jun 2025 18:39
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 27 05:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.783	41	339377	153.806 ug/l	98
42) 1,2-Dichloroethane	8.677	62	497391	146.874 ug/l	98
43) Isopropyl Acetate	8.689	43	959465	154.798 ug/l	98
44) Trichloroethene	9.353	130	347618	139.373 ug/l	99
45) 1,2-Dichloropropane	9.624	63	371334	138.294 ug/l	97
46) Dibromomethane	9.712	93	232019	127.508 ug/l	99
47) Bromodichloromethane	9.889	83	463803	126.912 ug/l	98
48) Methyl methacrylate	9.683	41	433941	144.807 ug/l	99
49) 1,4-Dioxane	9.706	88	114922	2998.429 ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	2939166	753.465 ug/l	99
52) Toluene	10.630	92	951167	142.827 ug/l	100
53) t-1,3-Dichloropropene	10.836	75	602242	147.793 ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	605305	139.609 ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	348410	138.331 ug/l	99
56) Ethyl methacrylate	10.877	69	627769	148.985 ug/l	98
57) 1,3-Dichloropropane	11.165	76	623966	140.223 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1654524	729.641 ug/l	98
59) 2-Hexanone	11.200	43	2093627	759.261 ug/l	97
60) Dibromochloromethane	11.359	129	395192	144.276 ug/l	100
61) 1,2-Dibromoethane	11.471	107	387229	145.445 ug/l	99
64) Tetrachloroethene	11.100	164	292171	145.252 ug/l	98
65) Chlorobenzene	11.889	112	1069785	146.754 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	347159	149.097 ug/l	99
67) Ethyl Benzene	11.959	91	1881023	154.721 ug/l	97
68) m/p-Xylenes	12.071	106	1448222	311.323 ug/l	99
69) o-Xylene	12.394	106	694497	164.232 ug/l	97
70) Styrene	12.406	104	1182536	162.922 ug/l	99
71) Bromoform	12.577	173	266847	154.424 ug/l #	99
73) Isopropylbenzene	12.694	105	1700504	159.311 ug/l	100
74) N-amyl acetate	12.500	43	633991	160.740 ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	560580	145.814 ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	533099m	143.715 ug/l	
77) Bromobenzene	12.977	156	409121	157.709 ug/l	96
78) n-propylbenzene	13.035	91	2097413	159.536 ug/l	99
79) 2-Chlorotoluene	13.124	91	1236767	151.117 ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1408077	159.795 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	248661	158.641 ug/l	93
82) 4-Chlorotoluene	13.218	91	1286016	157.621 ug/l	100
83) tert-Butylbenzene	13.435	119	1217157	160.804 ug/l	99
84) 1,2,4-Trimethylbenzene	13.477	105	1428299	159.740 ug/l	100
85) sec-Butylbenzene	13.612	105	1754786	157.358 ug/l	100
86) p-Isopropyltoluene	13.724	119	1465605	160.244 ug/l	99
87) 1,3-Dichlorobenzene	13.730	146	783709	150.131 ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	784117	146.093 ug/l	99
89) n-Butylbenzene	14.053	91	1308216	153.951 ug/l	99
90) Hexachloroethane	14.330	117	273430	154.485 ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	742699	151.064 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	132445	150.917 ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	435915	159.265 ug/l	100
94) Hexachlorobutadiene	15.494	225	132344	153.278 ug/l	98
95) Naphthalene	15.635	128	1752402	168.764 ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	426838	157.945 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087203.D
Acq On : 26 Jun 2025 18:39
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 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

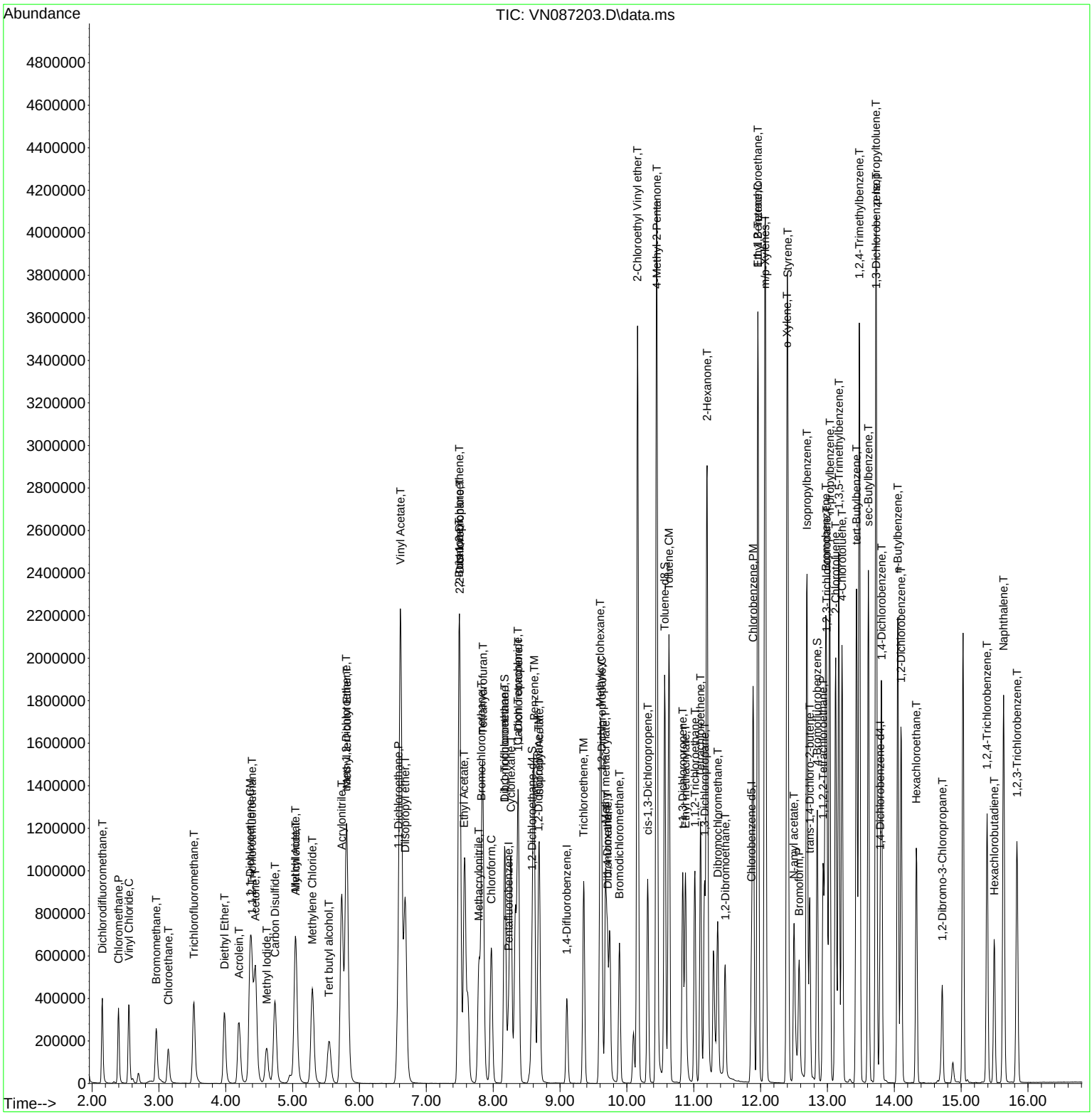
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087203.D
Acq On : 26 Jun 2025 18:39
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 27 05:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	188685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133931	49.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.640%			
35) Dibromofluoromethane	8.171	113	105790	48.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	10.565	98	423297	46.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.780%			
62) 4-Bromofluorobenzene	12.847	95	156377	49.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	117123	49.535	ug/l	98
3) Chloromethane	2.395	50	112599	48.771	ug/l	96
4) Vinyl Chloride	2.553	62	125323	50.235	ug/l	98
5) Bromomethane	2.989	94	69401	51.837	ug/l	98
6) Chloroethane	3.153	64	63812	48.950	ug/l	99
7) Trichlorofluoromethane	3.530	101	155804	52.447	ug/l	97
8) Diethyl Ether	3.989	74	67780	51.293	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.394	101	114625	54.740	ug/l	99
10) Methyl Iodide	4.618	142	107395	58.067	ug/l	98
11) Tert butyl alcohol	5.536	59	158646	265.167	ug/l	100
12) 1,1-Dichloroethene	4.371	96	113048	51.074	ug/l	96
13) Acrolein	4.200	56	136447	276.604	ug/l	98
14) Allyl chloride	5.047	41	186800	52.639	ug/l	99
15) Acrylonitrile	5.736	53	414511	265.666	ug/l	99
16) Acetone	4.441	43	342238	271.044	ug/l	98
17) Carbon Disulfide	4.741	76	344821	55.194	ug/l	100
18) Methyl Acetate	5.047	43	172974	52.858	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	408854	53.629	ug/l	97
20) Methylene Chloride	5.300	84	130082	55.142	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	127357	51.880	ug/l	94
22) Diisopropyl ether	6.683	45	409060	51.897	ug/l	98
23) Vinyl Acetate	6.618	43	1844652	261.704	ug/l	99
24) 1,1-Dichloroethane	6.588	63	236523	50.807	ug/l	99
25) 2-Butanone	7.488	43	560168	272.102	ug/l	99
26) 2,2-Dichloropropane	7.500	77	192222	51.944	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	151955	53.239	ug/l	97
28) Bromochloromethane	7.824	49	103450	50.549	ug/l	99
29) Tetrahydrofuran	7.847	42	370914	274.802	ug/l	100
30) Chloroform	7.971	83	228672	52.075	ug/l	100
31) Cyclohexane	8.265	56	209582	49.855	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	191921	50.872	ug/l	100
36) 1,1-Dichloropropene	8.377	75	164168	51.353	ug/l	100
37) Ethyl Acetate	7.571	43	215074	52.338	ug/l	100
38) Carbon Tetrachloride	8.371	117	158927	51.044	ug/l	97
39) Methylcyclohexane	9.600	83	196383	50.349	ug/l	99
40) Benzene	8.612	78	500062	50.625	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	115036	54.981	ug/l		99
42) 1,2-Dichloroethane	8.677	62	164124	51.110	ug/l		98
43) Isopropyl Acetate	8.688	43	317641	54.046	ug/l		100
44) Trichloroethene	9.353	130	114263	48.314	ug/l		98
45) 1,2-Dichloropropane	9.623	63	122838	48.246	ug/l		97
46) Dibromomethane	9.712	93	85054	49.294	ug/l		98
47) Bromodichloromethane	9.888	83	167661	48.383	ug/l		97
48) Methyl methacrylate	9.682	41	142133	50.020	ug/l		98
49) 1,4-Dioxane	9.706	88	45809	974.624	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	1024974	247.174	ug/l		100
52) Toluene	10.629	92	316019	50.044	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	199523	51.638	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	203608	49.525	ug/l		96
55) 1,1,2-Trichloroethane	11.012	97	122388	51.246	ug/l		97
56) Ethyl methacrylate	10.876	69	203024	50.398	ug/l		97
57) 1,3-Dichloropropane	11.165	76	217000	51.429	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	495728	227.812	ug/l		98
59) 2-Hexanone	11.200	43	691253	264.374	ug/l		99
60) Dibromochloromethane	11.359	129	135103	52.016	ug/l		100
61) 1,2-Dibromoethane	11.470	107	129627	51.347	ug/l		99
64) Tetrachloroethene	11.100	164	101330	50.914	ug/l		97
65) Chlorobenzene	11.888	112	360080	49.924	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117142	50.847	ug/l		99
67) Ethyl Benzene	11.959	91	625604	52.008	ug/l		99
68) m/p-Xylenes	12.070	106	486378	105.673	ug/l		99
69) o-Xylene	12.394	106	230264	55.034	ug/l		99
70) Styrene	12.412	104	391863	54.565	ug/l		100
71) Bromoform	12.576	173	90085	52.689	ug/l	#	98
73) Isopropylbenzene	12.694	105	588149	54.224	ug/l		100
74) N-amyl acetate	12.512	43	192968	47.813	ug/l	#	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	196285	50.244	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	187267m	52.385	ug/l		
77) Bromobenzene	12.976	156	137403	52.124	ug/l		98
78) n-propylbenzene	13.029	91	712421	53.327	ug/l		100
79) 2-Chlorotoluene	13.123	91	425974	51.220	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	499658	55.801	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	84967	53.345	ug/l		88
82) 4-Chlorotoluene	13.217	91	444326	53.592	ug/l		100
83) tert-Butylbenzene	13.435	119	421297	54.774	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	491833	54.131	ug/l		100
85) sec-Butylbenzene	13.611	105	610932	53.913	ug/l		99
86) p-Isopropyltoluene	13.723	119	514686	55.378	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	271017	51.091	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	276031	50.610	ug/l		100
89) n-Butylbenzene	14.053	91	464891	53.838	ug/l		100
90) Hexachloroethane	14.329	117	92286	51.311	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	252812	50.603	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46550	52.198	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	148650	53.446	ug/l		99
94) Hexachlorobutadiene	15.494	225	46000	52.428	ug/l		97
95) Naphthalene	15.635	128	568297	53.859	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	144006	52.439	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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

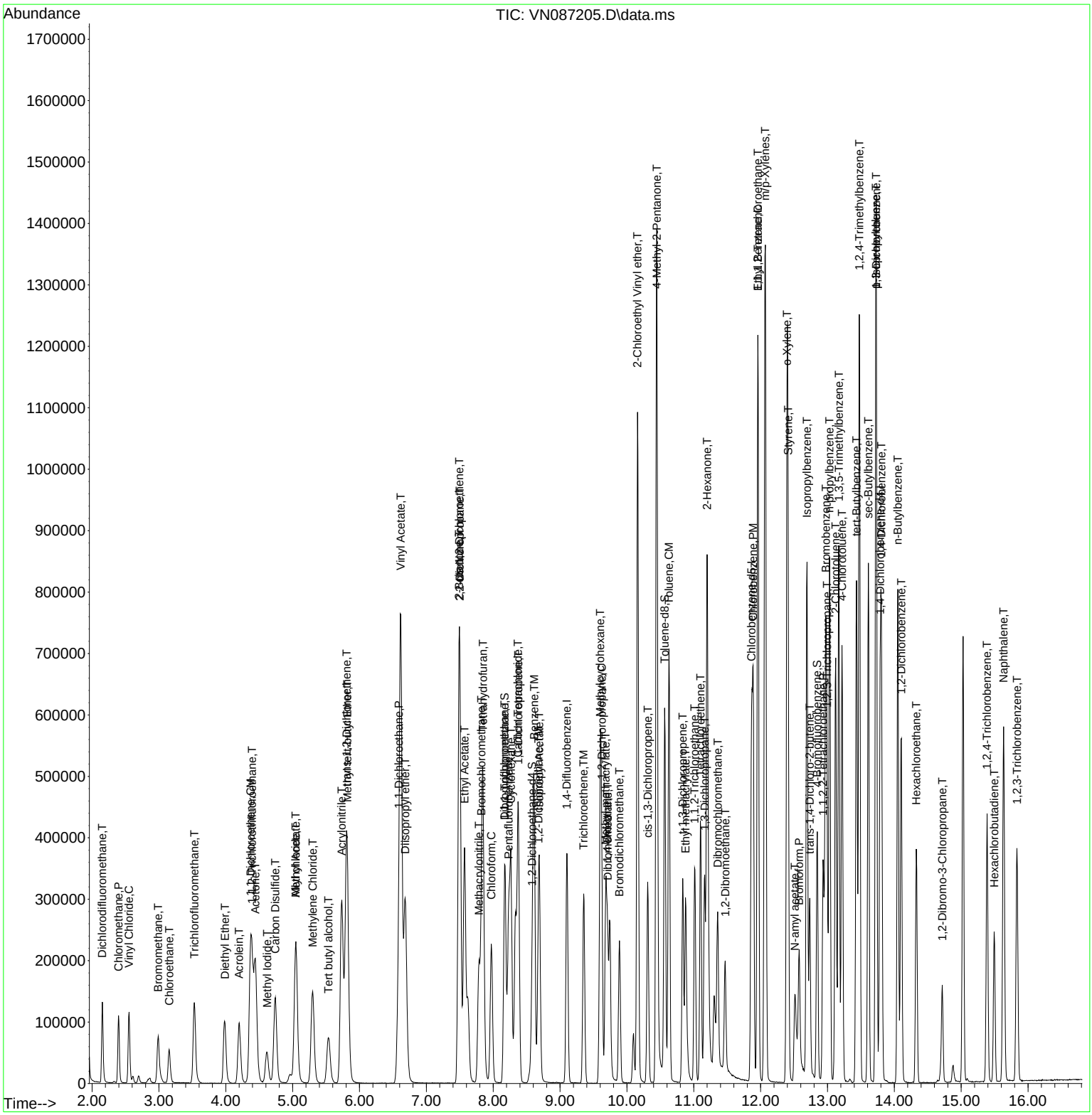
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	0.627	0.621	1.0	105	0.00
3	P	Chloromethane	0.612	0.597	2.5	105	0.00
4	C	Vinyl Chloride	0.661	0.664	-0.5#	109	0.00
5	T	Bromomethane	0.355	0.368	-3.7	123	0.00
6	T	Chloroethane	0.345	0.338	2.0	104	0.00
7	T	Trichlorofluoromethane	0.787	0.826	-5.0	117	0.00
8	T	Diethyl Ether	0.350	0.359	-2.6	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.582	0.607	-4.3	107	-0.01
10	T	Methyl Iodide	0.490	0.569	-16.1	112	0.00
11	T	Tert butyl alcohol	0.159	0.168	-5.7	109	0.00
12	CM	1,1-Dichloroethene	0.587	0.599	-2.0#	105	0.00
13	T	Acrolein	0.131	0.145	-10.7	113	0.00
14	T	Allyl chloride	0.917	0.990	-8.0	108	0.00
15	T	Acrylonitrile	0.419	0.439	-4.8	106	0.00
16	T	Acetone	0.350	0.363	-3.7	107	0.00
17	T	Carbon Disulfide	1.753	1.827	-4.2	107	0.00
18	T	Methyl Acetate	0.854	0.917	-7.4	109	0.00
19	T	Methyl tert-butyl Ether	2.020	2.167	-7.3	109	0.00
20	T	Methylene Chloride	0.673	0.689	-2.4	108	0.00
21	T	trans-1,2-Dichloroethene	0.651	0.675	-3.7	109	0.00
22	T	Diisopropyl ether	2.089	2.168	-3.8	108	0.00
23	T	Vinyl Acetate	1.868	1.955	-4.7	107	0.00
24	P	1,1-Dichloroethane	1.234	1.254	-1.6	107	0.00
25	T	2-Butanone	0.546	0.594	-8.8	106	0.00
26	T	2,2-Dichloropropane	0.981	1.019	-3.9	106	0.00
27	T	cis-1,2-Dichloroethene	0.756	0.805	-6.5	109	0.00
28	T	Bromochloromethane	0.542	0.548	-1.1	98	0.00
29	T	Tetrahydrofuran	0.358	0.393	-9.8	107	0.00
30	C	Chloroform	1.164	1.212	-4.1#	107	0.00
31	T	Cyclohexane	1.114	1.111	0.3	104	0.00
32	T	1,1,1-Trichloroethane	1.000	1.017	-1.7	107	0.00
33	S	1,2-Dichloroethane-d4	0.720	0.710	1.4	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.323	0.313	3.1	105	0.00
36	T	1,1-Dichloropropene	0.473	0.486	-2.7	103	0.00
37	T	Ethyl Acetate	0.591	0.637	-7.8	107	0.00
38	T	Carbon Tetrachloride	0.461	0.471	-2.2	103	0.00
39	T	Methylcyclohexane	0.578	0.582	-0.7	108	0.00
40	TM	Benzene	1.463	1.481	-1.2	104	0.00
41	T	Methacrylonitrile	0.310	0.341	-10.0	108	0.00
42	TM	1,2-Dichloroethane	0.476	0.486	-2.1	103	0.00
43	T	Isopropyl Acetate	0.870	0.941	-8.2	103	0.00
44	TM	Trichloroethene	0.350	0.338	3.4	103	0.00
45	C	1,2-Dichloropropane	0.377	0.364	3.4#	103	0.00
46	T	Dibromomethane	0.256	0.252	1.6	105	0.00
47	T	Bromodichloromethane	0.513	0.497	3.1	107	0.00
48	T	Methyl methacrylate	0.421	0.421	0.0	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	0.006	0.007	-16.7	104	0.00
50	S	Toluene-d8	1.337	1.254	6.2	102	0.00
51	T	4-Methyl-2-Pentanone	0.561	0.607	-8.2	105	0.00
52	CM	Toluene	0.935	0.936	-0.1#	103	0.00
53	T	t-1,3-Dichloropropene	0.572	0.591	-3.3	106	0.00
54	T	cis-1,3-Dichloropropene	0.609	0.603	1.0	103	0.00
55	T	1,1,2-Trichloroethane	0.354	0.363	-2.5	107	0.00
56	T	Ethyl methacrylate	0.524	0.601	-14.7	105	0.00
57	T	1,3-Dichloropropane	0.625	0.643	-2.9	107	0.00
58	T	2-Chloroethyl Vinyl ether	0.286	0.294	-2.8	96	0.00
59	T	2-Hexanone	0.387	0.410	-5.9	108	0.00
60	T	Dibromochloromethane	0.385	0.400	-3.9	109	0.00
61	T	1,2-Dibromoethane	0.374	0.384	-2.7	106	0.00
62	S	4-Bromofluorobenzene	0.464	0.463	0.2	108	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64	T	Tetrachloroethene	0.306	0.312	-2.0	109	0.00
65	PM	Chlorobenzene	1.109	1.107	0.2	108	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.360	-1.7	109	0.00
67	C	Ethyl Benzene	1.850	1.924	-4.0#	107	0.00
68	T	m/p-Xylenes	0.708	0.748	-5.6	109	0.00
69	T	o-Xylene	0.643	0.708	-10.1	107	0.00
70	T	Styrene	1.104	1.205	-9.1	106	0.00
71	P	Bromoform	0.263	0.277	-5.3	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.385	3.671	-8.4	109	0.00
74	T	N-amyl acetate	1.259	1.204	4.4	107	0.00
75	P	1,1,2,2-Tetrachloroethane	1.219	1.225	-0.5	106	0.00
76	T	1,2,3-Trichloropropane	1.116	1.169	-4.7	105	0.00
77	T	Bromobenzene	0.823	0.858	-4.3	108	0.00
78	T	n-propylbenzene	4.169	4.446	-6.6	107	0.00
79	T	2-Chlorotoluene	2.595	2.659	-2.5	109	0.00
80	T	1,3,5-Trimethylbenzene	2.794	3.118	-11.6	111	0.00
81	T	trans-1,4-Dichloro-2-butene	0.497	0.530	-6.6	122	0.00
82	T	4-Chlorotoluene	2.587	2.773	-7.2	110	0.00
83	T	tert-Butylbenzene	2.400	2.629	-9.5	109	0.00
84	T	1,2,4-Trimethylbenzene	2.835	3.070	-8.3	108	0.00
85	T	sec-Butylbenzene	3.536	3.813	-7.8	108	0.00
86	T	p-Isopropyltoluene	2.900	3.212	-10.8	110	0.00
87	T	1,3-Dichlorobenzene	1.655	1.691	-2.2	109	0.00
88	T	1,4-Dichlorobenzene	1.702	1.723	-1.2	108	0.00
89	T	n-Butylbenzene	2.695	2.901	-7.6	109	0.00
90	T	Hexachloroethane	0.561	0.576	-2.7	108	0.00
91	T	1,2-Dichlorobenzene	1.559	1.578	-1.2	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.278	0.291	-4.7	107	0.00
93	T	1,2,4-Trichlorobenzene	0.868	0.928	-6.9	109	0.00
94	T	Hexachlorobutadiene	0.274	0.287	-4.7	111	0.00
95	T	Naphthalene	3.293	3.547	-7.7	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	0.857	0.899	-4.9	108	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\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	49.535	0.9	105	0.00
3	P	Chloromethane	50.000	48.771	2.5	105	0.00
4	C	Vinyl Chloride	50.000	50.235	-0.5#	109	0.00
5	T	Bromomethane	50.000	51.837	-3.7	123	0.00
6	T	Chloroethane	50.000	48.950	2.1	104	0.00
7	T	Trichlorofluoromethane	50.000	52.447	-4.9	117	0.00
8	T	Diethyl Ether	50.000	51.293	-2.6	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.740	-9.5	107	-0.01
10	T	Methyl Iodide	50.000	58.067	-16.1	112	0.00
11	T	Tert butyl alcohol	250.000	265.167	-6.1	109	0.00
12	CM	1,1-Dichloroethene	50.000	51.074	-2.1#	105	0.00
13	T	Acrolein	250.000	276.604	-10.6	113	0.00
14	T	Allyl chloride	50.000	52.639	-5.3	108	0.00
15	T	Acrylonitrile	250.000	265.666	-6.3	106	0.00
16	T	Acetone	250.000	271.044	-8.4	107	0.00
17	T	Carbon Disulfide	50.000	55.194	-10.4	107	0.00
18	T	Methyl Acetate	50.000	52.858	-5.7	109	0.00
19	T	Methyl tert-butyl Ether	50.000	53.629	-7.3	109	0.00
20	T	Methylene Chloride	50.000	55.142	-10.3	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.880	-3.8	109	0.00
22	T	Diisopropyl ether	50.000	51.897	-3.8	108	0.00
23	T	Vinyl Acetate	250.000	261.704	-4.7	107	0.00
24	P	1,1-Dichloroethane	50.000	50.807	-1.6	107	0.00
25	T	2-Butanone	250.000	272.102	-8.8	106	0.00
26	T	2,2-Dichloropropane	50.000	51.944	-3.9	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.239	-6.5	109	0.00
28	T	Bromochloromethane	50.000	50.549	-1.1	98	0.00
29	T	Tetrahydrofuran	250.000	274.802	-9.9	107	0.00
30	C	Chloroform	50.000	52.075	-4.2#	107	0.00
31	T	Cyclohexane	50.000	49.855	0.3	104	0.00
32	T	1,1,1-Trichloroethane	50.000	50.872	-1.7	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.324	1.4	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	48.471	3.1	105	0.00
36	T	1,1-Dichloropropene	50.000	51.353	-2.7	103	0.00
37	T	Ethyl Acetate	50.000	52.338	-4.7	107	0.00
38	T	Carbon Tetrachloride	50.000	51.044	-2.1	103	0.00
39	T	Methylcyclohexane	50.000	50.349	-0.7	108	0.00
40	TM	Benzene	50.000	50.625	-1.3	104	0.00
41	T	Methacrylonitrile	50.000	54.981	-10.0	108	0.00
42	TM	1,2-Dichloroethane	50.000	51.110	-2.2	103	0.00
43	T	Isopropyl Acetate	50.000	54.046	-8.1	103	0.00
44	TM	Trichloroethene	50.000	48.314	3.4	103	0.00
45	C	1,2-Dichloropropane	50.000	48.246	3.5#	103	0.00
46	T	Dibromomethane	50.000	49.294	1.4	105	0.00
47	T	Bromodichloromethane	50.000	48.383	3.2	107	0.00
48	T	Methyl methacrylate	50.000	50.020	-0.0	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	974.624	2.5	104	0.00
50	S	Toluene-d8	50.000	46.893	6.2	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.174	1.1	105	0.00
52	CM	Toluene	50.000	50.044	-0.1#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	51.638	-3.3	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.525	1.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	51.246	-2.5	107	0.00
56	T	Ethyl methacrylate	50.000	50.398	-0.8	105	0.00
57	T	1,3-Dichloropropane	50.000	51.429	-2.9	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	227.812	8.9	96	0.00
59	T	2-Hexanone	250.000	264.374	-5.7	108	0.00
60	T	Dibromochloromethane	50.000	52.016	-4.0	109	0.00
61	T	1,2-Dibromoethane	50.000	51.347	-2.7	106	0.00
62	S	4-Bromofluorobenzene	50.000	49.925	0.2	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	50.914	-1.8	109	0.00
65	PM	Chlorobenzene	50.000	49.924	0.2	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.847	-1.7	109	0.00
67	C	Ethyl Benzene	50.000	52.008	-4.0#	107	0.00
68	T	m/p-Xylenes	100.000	105.673	-5.7	109	0.00
69	T	o-Xylene	50.000	55.034	-10.1	107	0.00
70	T	Styrene	50.000	54.565	-9.1	106	0.00
71	P	Bromoform	50.000	52.689	-5.4	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	54.224	-8.4	109	0.00
74	T	N-amyl acetate	50.000	47.813	4.4	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.244	-0.5	106	0.00
76	T	1,2,3-Trichloropropane	50.000	52.385	-4.8	105	0.00
77	T	Bromobenzene	50.000	52.124	-4.2	108	0.00
78	T	n-propylbenzene	50.000	53.327	-6.7	107	0.00
79	T	2-Chlorotoluene	50.000	51.220	-2.4	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.801	-11.6	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.345	-6.7	122	0.00
82	T	4-Chlorotoluene	50.000	53.592	-7.2	110	0.00
83	T	tert-Butylbenzene	50.000	54.774	-9.5	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.131	-8.3	108	0.00
85	T	sec-Butylbenzene	50.000	53.913	-7.8	108	0.00
86	T	p-Isopropyltoluene	50.000	55.378	-10.8	110	0.00
87	T	1,3-Dichlorobenzene	50.000	51.091	-2.2	109	0.00
88	T	1,4-Dichlorobenzene	50.000	50.610	-1.2	108	0.00
89	T	n-Butylbenzene	50.000	53.838	-7.7	109	0.00
90	T	Hexachloroethane	50.000	51.311	-2.6	108	0.00
91	T	1,2-Dichlorobenzene	50.000	50.603	-1.2	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.198	-4.4	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.446	-6.9	109	0.00
94	T	Hexachlorobutadiene	50.000	52.428	-4.9	111	0.00
95	T	Naphthalene	50.000	53.859	-7.7	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	52.439	-4.9	108	0.00

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

Raw Data: **VN087207.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.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date/Time: 06/27/2025 09:38

Lab File ID: VN087207.D Init. Calib. Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 16:34 18:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.612	0.617	0.1	0.82	20
Vinyl Chloride	0.661	0.579		-12.4	20
Bromomethane	0.355	0.318		-10.42	20
Chloroethane	0.345	0.313		-9.27	20
Tert butyl alcohol	0.159	0.134		-15.72	20
1,1-Dichloroethene	0.587	0.520		-11.41	20
Acetone	0.350	0.381		8.86	20
Carbon Disulfide	1.753	1.690		-3.59	20
Methyl tert-butyl Ether	2.020	1.952		-3.37	20
Methylene Chloride	0.673	0.615		-8.62	20
trans-1,2-Dichloroethene	0.651	0.597		-8.3	20
1,1-Dichloroethane	1.234	1.100	0.1	-10.86	20
2-Butanone	0.546	0.524		-4.03	20
Carbon Tetrachloride	0.461	0.442		-4.12	20
cis-1,2-Dichloroethene	0.756	0.703		-7.01	20
Chloroform	1.164	1.039		-10.74	20
1,1,1-Trichloroethane	1.000	0.936		-6.4	20
Benzene	1.463	1.426		-2.53	20
1,2-Dichloroethane	0.476	0.455		-4.41	20
Trichloroethene	0.350	0.324		-7.43	20
1,2-Dichloropropane	0.377	0.359		-4.78	20
Bromodichloromethane	0.513	0.489		-4.68	20
4-Methyl-2-Pentanone	0.561	0.561		0	20
Toluene	0.935	0.892		-4.6	20
t-1,3-Dichloropropene	0.572	0.556		-2.8	20
cis-1,3-Dichloropropene	0.609	0.483		-20.69	20
1,1,2-Trichloroethane	0.354	0.317		-10.45	20
2-Hexanone	0.387	0.334		-13.69	20
Dibromochloromethane	0.385	0.325		-15.58	20
Tetrachloroethene	0.306	0.333		8.82	20
Chlorobenzene	1.109	1.074	0.3	-3.16	20
Ethyl Benzene	1.850	1.914		3.46	20
m/p-Xylenes	0.708	0.784		10.73	20
o-Xylene	0.643	0.719		11.82	20
Styrene	1.104	1.203		8.97	20
Bromoform	0.263	0.276	0.1	4.94	20
1,1,2,2-Tetrachloroethane	1.219	1.242	0.3	1.89	20
1,2-Dichloroethane-d4	0.720	0.659		-8.47	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.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date/Time: 06/27/2025 09:38

Lab File ID: VN087207.D Init. Calib. Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 16:34 18:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.323	0.300		-7.12	20
Toluene-d8	1.337	1.205		-9.87	20
4-Bromofluorobenzene	0.464	0.414		-10.78	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\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

06/30/2025
Supervised By :Semsettin Yesilyurt

06/30/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.230	168	196333	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346797	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266770	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145043	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.583	65	129470	45.823 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.640%	
35) Dibromofluoromethane	8.171	113	104042	46.404 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%	
50) Toluene-d8	10.565	98	417885	45.065 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.120%	
62) 4-Bromofluorobenzene	12.847	95	143604	44.630 ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.260%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.154	85	116658	47.417 ug/l	97
3) Chloromethane	2.395	50	121201	50.452 ug/l	94
4) Vinyl Chloride	2.554	62	113643	43.779 ug/l	99
5) Bromomethane	2.995	94	62379	44.777 ug/l	99
6) Chloroethane	3.154	64	61494	45.335 ug/l	99
7) Trichlorofluoromethane	3.536	101	167674	54.244 ug/l	98
8) Diethyl Ether	3.983	74	71317	51.867 ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.406	101	99301	45.082 ug/l	99
10) Methyl Iodide	4.618	142	99810	51.864 ug/l	97
11) Tert butyl alcohol	5.536	59	131663	211.494 ug/l	100
12) 1,1-Dichloroethene	4.371	96	102065	44.316 ug/l	95
13) Acrolein	4.201	56	138954	270.714 ug/l	100
14) Allyl chloride	5.048	41	173683	46.917 ug/l	98
15) Acrylonitrile	5.730	53	384952	236.110 ug/l	100
16) Acetone	4.436	43	373760	285.252 ug/l	97
17) Carbon Disulfide	4.736	76	331888	50.801 ug/l	99
18) Methyl Acetate	5.048	43	150069	43.903 ug/l	99
19) Methyl tert-butyl Ether	5.806	73	383305	48.319 ug/l	98
20) Methylene Chloride	5.295	84	120711	48.959 ug/l #	91
21) trans-1,2-Dichloroethene	5.806	96	117261	45.907 ug/l	99
22) Diisopropyl ether	6.683	45	361767	44.109 ug/l	98
23) Vinyl Acetate	6.612	43	1659880	226.317 ug/l	99
24) 1,1-Dichloroethane	6.583	63	215952	44.581 ug/l	99
25) 2-Butanone	7.489	43	514135	240.013 ug/l	99
26) 2,2-Dichloropropane	7.494	77	193812	50.334 ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	138030	46.476 ug/l	97
28) Bromochloromethane	7.818	49	86040	40.404 ug/l	97
29) Tetrahydrofuran	7.841	42	287188	204.483 ug/l	99
30) Chloroform	7.971	83	203922	44.630 ug/l	100
31) Cyclohexane	8.265	56	215254	49.210 ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	183768	46.813 ug/l	98
36) 1,1-Dichloropropene	8.377	75	161861	49.287 ug/l	99
37) Ethyl Acetate	7.565	43	196374	46.251 ug/l	99
38) Carbon Tetrachloride	8.365	117	153424	47.969 ug/l	99
39) Methylcyclohexane	9.600	83	196302	48.992 ug/l	99
40) Benzene	8.612	78	494684	48.751 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

06/30/2025
Supervised By :Semsettin Yesilyurt

06/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	87935	40.913	ug/l		99
42) 1,2-Dichloroethane	8.677	62	157792	47.834	ug/l		99
43) Isopropyl Acetate	8.688	43	303852	50.327	ug/l		98
44) Trichloroethene	9.353	130	112317	46.230	ug/l		97
45) 1,2-Dichloropropane	9.624	63	124657	47.661	ug/l		99
46) Dibromomethane	9.712	93	79942	45.102	ug/l		99
47) Bromodichloromethane	9.888	83	169445	47.599	ug/l		99
48) Methyl methacrylate	9.683	41	130994	44.876	ug/l		94
49) 1,4-Dioxane	9.700	88	37532	762.909	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	972855	227.287	ug/l		100
52) Toluene	10.630	92	309441	47.702	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	192927	48.605	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	167609	39.686	ug/l		93
55) 1,1,2-Trichloroethane	11.018	97	109786	44.749	ug/l		98
56) Ethyl methacrylate	10.877	69	193089	46.613	ug/l		98
57) 1,3-Dichloropropane	11.165	76	192076	44.313	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	506119	226.389	ug/l		98
59) 2-Hexanone	11.200	43	579172	215.628	ug/l		99
60) Dibromochloromethane	11.359	129	112706	42.241	ug/l		99
61) 1,2-Dibromoethane	11.465	107	107071	41.287	ug/l		100
64) Tetrachloroethene	11.100	164	88713	54.333	ug/l		97
65) Chlorobenzene	11.888	112	286618	48.439	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93305	49.367	ug/l		100
67) Ethyl Benzene	11.959	91	510538	51.734	ug/l		97
68) m/p-Xylenes	12.071	106	418462	110.822	ug/l		97
69) o-Xylene	12.394	106	191799	55.876	ug/l		98
70) Styrene	12.406	104	320979	54.480	ug/l		100
71) Bromoform	12.576	173	73630	52.493	ug/l	#	99
73) Isopropylbenzene	12.694	105	479587	48.844	ug/l		100
74) N-amyl acetate	12.512	43	162605m	44.507	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	180170	50.947	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	154813m	47.840	ug/l		
77) Bromobenzene	12.976	156	119698	50.161	ug/l		96
78) n-propylbenzene	13.035	91	650266	53.770	ug/l		100
79) 2-Chlorotoluene	13.123	91	401018	53.267	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	456859	56.362	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	71679	49.713	ug/l	#	80
82) 4-Chlorotoluene	13.218	91	411054	54.769	ug/l		100
83) tert-Butylbenzene	13.435	119	396989	57.016	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	460868	56.033	ug/l		100
85) sec-Butylbenzene	13.612	105	546098	53.236	ug/l		100
86) p-Isopropyltoluene	13.723	119	434432	51.637	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	229664	47.828	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	239538	48.517	ug/l		100
89) n-Butylbenzene	14.053	91	425725	54.463	ug/l		100
90) Hexachloroethane	14.329	117	84633	51.982	ug/l		96
91) 1,2-Dichlorobenzene	14.106	146	226384	50.057	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41245	51.091	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	122846	48.792	ug/l		100
94) Hexachlorobutadiene	15.494	225	35336	44.490	ug/l		98
95) Naphthalene	15.635	128	460407	48.202	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	111605	44.895	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

06/30/2025
Supervised By :Semsettin Yesilyurt

06/30/2025

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\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

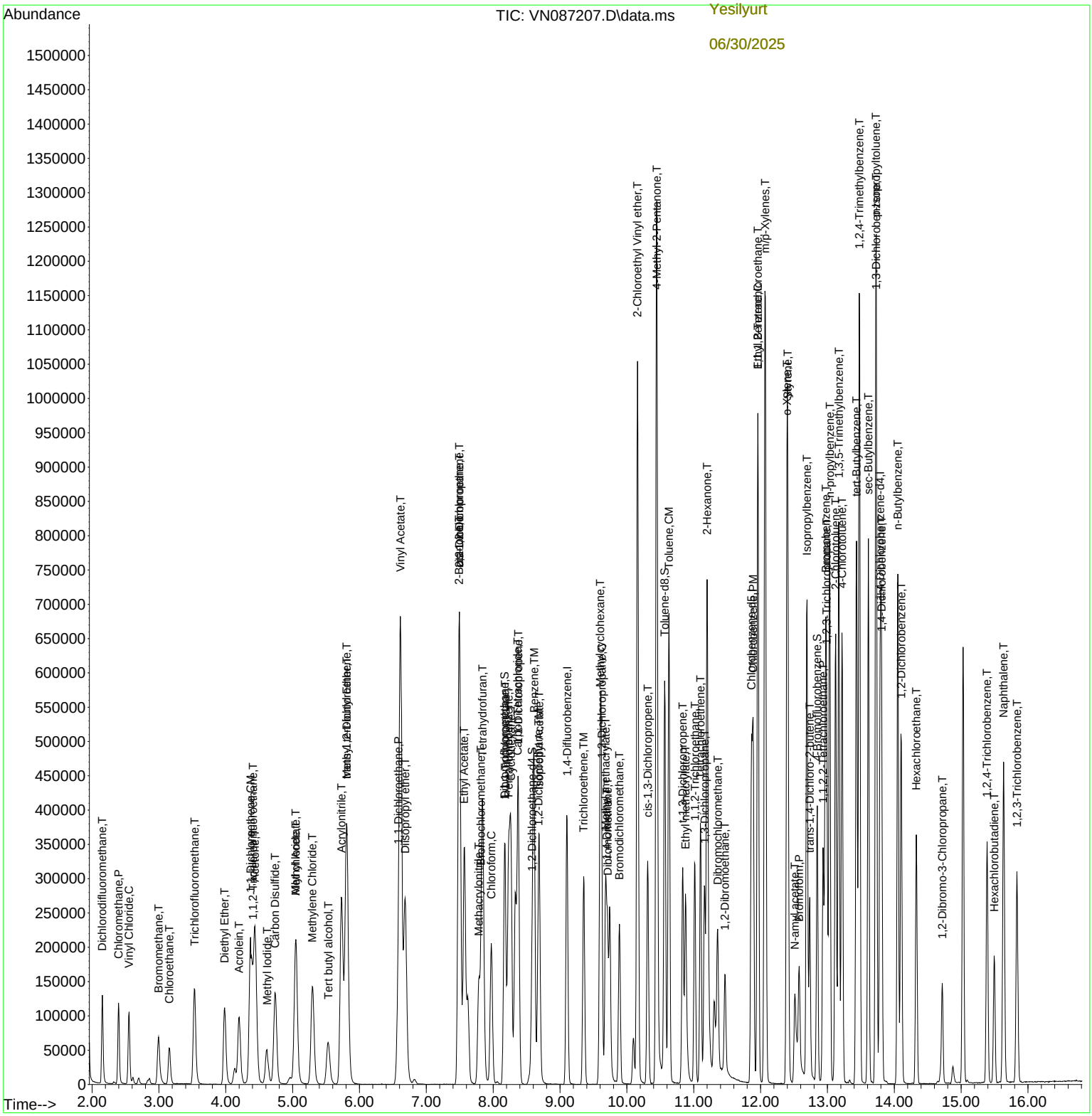
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

06/30/2025
Supervised By :Semsettin Yesilyurt

06/30/2025



Sample Results: **VN087207.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
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 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	109	0.00
2	T	Dichlorodifluoromethane	0.627	0.594	5.3	105	0.00
3	P	Chloromethane	0.612	0.617	-0.8	113	0.00
4	C	Vinyl Chloride	0.661	0.579	12.4#	99	0.00
5	T	Bromomethane	0.355	0.318	10.4	110	0.00
6	T	Chloroethane	0.345	0.313	9.3	100	0.00
7	T	Trichlorofluoromethane	0.787	0.854	-8.5	126	0.00
8	T	Diethyl Ether	0.350	0.363	-3.7	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.582	0.506	13.1	93	0.00
10	T	Methyl Iodide	0.490	0.508	-3.7	104	0.00
11	T	Tert butyl alcohol	0.159	0.134	15.7	91	0.00
12	CM	1,1-Dichloroethene	0.587	0.520	11.4#	94	0.00
13	T	Acrolein	0.131	0.142	-8.4	115	0.00
14	T	Allyl chloride	0.917	0.885	3.5	100	0.00
15	T	Acrylonitrile	0.419	0.392	6.4	98	0.00
16	T	Acetone	0.350	0.381	-8.9	116	0.00
17	T	Carbon Disulfide	1.753	1.690	3.6	103	0.00
18	T	Methyl Acetate	0.854	0.764	10.5	94	0.00
19	T	Methyl tert-butyl Ether	2.020	1.952	3.4	102	0.00
20	T	Methylene Chloride	0.673	0.615	8.6	100	0.00
21	T	trans-1,2-Dichloroethene	0.651	0.597	8.3	101	0.00
22	T	Diisopropyl ether	2.089	1.843	11.8	95	0.00
23	T	Vinyl Acetate	1.868	1.691	9.5	96	0.00
24	P	1,1-Dichloroethane	1.234	1.100	10.9	98	0.00
25	T	2-Butanone	0.546	0.524	4.0	98	0.00
26	T	2,2-Dichloropropane	0.981	0.987	-0.6	107	0.00
27	T	cis-1,2-Dichloroethene	0.756	0.703	7.0	99	0.00
28	T	Bromochloromethane	0.542	0.438	19.2	81	0.00
29	T	Tetrahydrofuran	0.358	0.293	18.2	83	0.00
30	C	Chloroform	1.164	1.039	10.7#	96	0.00
31	T	Cyclohexane	1.114	1.096	1.6	106	0.00
32	T	1,1,1-Trichloroethane	1.000	0.936	6.4	102	0.00
33	S	1,2-Dichloroethane-d4	0.720	0.659	8.5	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35	S	Dibromofluoromethane	0.323	0.300	7.1	103	0.00
36	T	1,1-Dichloropropene	0.473	0.467	1.3	102	0.00
37	T	Ethyl Acetate	0.591	0.566	4.2	97	0.00
38	T	Carbon Tetrachloride	0.461	0.442	4.1	100	0.00
39	T	Methylcyclohexane	0.578	0.566	2.1	108	0.00
40	TM	Benzene	1.463	1.426	2.5	103	0.00
41	T	Methacrylonitrile	0.310	0.254	18.1	82	0.00
42	TM	1,2-Dichloroethane	0.476	0.455	4.4	99	0.00
43	T	Isopropyl Acetate	0.870	0.876	-0.7	99	0.00
44	TM	Trichloroethene	0.350	0.324	7.4	101	0.00
45	C	1,2-Dichloropropane	0.377	0.359	4.8#	105	0.00
46	T	Dibromomethane	0.256	0.231	9.8	99	0.00
47	T	Bromodichloromethane	0.513	0.489	4.7	108	0.00
48	T	Methyl methacrylate	0.421	0.378	10.2	94	0.00

Sample Results: **VN087207.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
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 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	0.006	0.005	16.7	86	0.00
50	S	Toluene-d8	1.337	1.205	9.9	101	0.00
51	T	4-Methyl-2-Pentanone	0.561	0.561	0.0	100	0.00
52	CM	Toluene	0.935	0.892	4.6#	101	0.00
53	T	t-1,3-Dichloropropene	0.572	0.556	2.8	102	0.00
54	T	cis-1,3-Dichloropropene	0.609	0.483	20.7	85	0.00
55	T	1,1,2-Trichloroethane	0.354	0.317	10.5	96	0.00
56	T	Ethyl methacrylate	0.524	0.557	-6.3	100	0.00
57	T	1,3-Dichloropropane	0.625	0.554	11.4	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.286	0.292	-2.1	98	0.00
59	T	2-Hexanone	0.387	0.334	13.7	90	0.00
60	T	Dibromochloromethane	0.385	0.325	15.6	91	0.00
61	T	1,2-Dibromoethane	0.374	0.309	17.4	88	0.00
62	S	4-Bromofluorobenzene	0.464	0.414	10.8	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.306	0.333	-8.8	95	0.00
65	PM	Chlorobenzene	1.109	1.074	3.2	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.350	1.1	86	0.00
67	C	Ethyl Benzene	1.850	1.914	-3.5#	87	0.00
68	T	m/p-Xylenes	0.708	0.784	-10.7	93	0.00
69	T	o-Xylene	0.643	0.719	-11.8	89	0.00
70	T	Styrene	1.104	1.203	-9.0	87	0.00
71	P	Bromoform	0.263	0.276	-4.9	88	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.385	3.307	2.3	89	0.00
74	T	N-amyl acetate	1.259	1.121	11.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	1.219	1.242	-1.9	97	0.00
76	T	1,2,3-Trichloropropane	1.116	1.067	4.4	87	0.00
77	T	Bromobenzene	0.823	0.825	-0.2	94	0.00
78	T	n-propylbenzene	4.169	4.483	-7.5	98	0.00
79	T	2-Chlorotoluene	2.595	2.765	-6.6	102	0.00
80	T	1,3,5-Trimethylbenzene	2.794	3.150	-12.7	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.497	0.494	0.6	103	0.00
82	T	4-Chlorotoluene	2.587	2.834	-9.5	102	0.00
83	T	tert-Butylbenzene	2.400	2.737	-14.0	103	0.00
84	T	1,2,4-Trimethylbenzene	2.835	3.177	-12.1	101	0.00
85	T	sec-Butylbenzene	3.536	3.765	-6.5	97	0.00
86	T	p-Isopropyltoluene	2.900	2.995	-3.3	93	0.00
87	T	1,3-Dichlorobenzene	1.655	1.583	4.4	92	0.00
88	T	1,4-Dichlorobenzene	1.702	1.651	3.0	93	0.00
89	T	n-Butylbenzene	2.695	2.935	-8.9	100	0.00
90	T	Hexachloroethane	0.561	0.584	-4.1	99	0.00
91	T	1,2-Dichlorobenzene	1.559	1.561	-0.1	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.278	0.284	-2.2	95	0.00
93	T	1,2,4-Trichlorobenzene	0.868	0.847	2.4	90	0.00
94	T	Hexachlorobutadiene	0.274	0.244	10.9	85	0.00
95	T	Naphthalene	3.293	3.174	3.6	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
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 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	0.857	0.769	10.3	83	0.00

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

Sample Results: **VN087207.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
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 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	47.417	5.2	105	0.00
3	P	Chloromethane	50.000	50.452	-0.9	113	0.00
4	C	Vinyl Chloride	50.000	43.779	12.4#	99	0.00
5	T	Bromomethane	50.000	44.777	10.4	110	0.00
6	T	Chloroethane	50.000	45.335	9.3	100	0.00
7	T	Trichlorofluoromethane	50.000	54.244	-8.5	126	0.00
8	T	Diethyl Ether	50.000	51.867	-3.7	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.082	9.8	93	0.00
10	T	Methyl Iodide	50.000	51.864	-3.7	104	0.00
11	T	Tert butyl alcohol	250.000	211.494	15.4	91	0.00
12	CM	1,1-Dichloroethene	50.000	44.316	11.4#	94	0.00
13	T	Acrolein	250.000	270.714	-8.3	115	0.00
14	T	Allyl chloride	50.000	46.917	6.2	100	0.00
15	T	Acrylonitrile	250.000	236.110	5.6	98	0.00
16	T	Acetone	250.000	285.252	-14.1	116	0.00
17	T	Carbon Disulfide	50.000	50.801	-1.6	103	0.00
18	T	Methyl Acetate	50.000	43.903	12.2	94	0.00
19	T	Methyl tert-butyl Ether	50.000	48.319	3.4	102	0.00
20	T	Methylene Chloride	50.000	48.959	2.1	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.907	8.2	101	0.00
22	T	Diisopropyl ether	50.000	44.109	11.8	95	0.00
23	T	Vinyl Acetate	250.000	226.317	9.5	96	0.00
24	P	1,1-Dichloroethane	50.000	44.581	10.8	98	0.00
25	T	2-Butanone	250.000	240.013	4.0	98	0.00
26	T	2,2-Dichloropropane	50.000	50.334	-0.7	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.476	7.0	99	0.00
28	T	Bromochloromethane	50.000	40.404	19.2	81	0.00
29	T	Tetrahydrofuran	250.000	204.483	18.2	83	0.00
30	C	Chloroform	50.000	44.630	10.7#	96	0.00
31	T	Cyclohexane	50.000	49.210	1.6	106	0.00
32	T	1,1,1-Trichloroethane	50.000	46.813	6.4	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.823	8.4	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	46.404	7.2	103	0.00
36	T	1,1-Dichloropropene	50.000	49.287	1.4	102	0.00
37	T	Ethyl Acetate	50.000	46.251	7.5	97	0.00
38	T	Carbon Tetrachloride	50.000	47.969	4.1	100	0.00
39	T	Methylcyclohexane	50.000	48.992	2.0	108	0.00
40	TM	Benzene	50.000	48.751	2.5	103	0.00
41	T	Methacrylonitrile	50.000	40.913	18.2	82	0.00
42	TM	1,2-Dichloroethane	50.000	47.834	4.3	99	0.00
43	T	Isopropyl Acetate	50.000	50.327	-0.7	99	0.00
44	TM	Trichloroethene	50.000	46.230	7.5	101	0.00
45	C	1,2-Dichloropropane	50.000	47.661	4.7#	105	0.00
46	T	Dibromomethane	50.000	45.102	9.8	99	0.00
47	T	Bromodichloromethane	50.000	47.599	4.8	108	0.00
48	T	Methyl methacrylate	50.000	44.876	10.2	94	0.00

Sample Results: **VN087207.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
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 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	762.909	23.7	86	0.00
50	S	Toluene-d8	50.000	45.065	9.9	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.287	9.1	100	0.00
52	CM	Toluene	50.000	47.702	4.6#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	48.605	2.8	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	39.686	20.6	85	0.00
55	T	1,1,2-Trichloroethane	50.000	44.749	10.5	96	0.00
56	T	Ethyl methacrylate	50.000	46.613	6.8	100	0.00
57	T	1,3-Dichloropropane	50.000	44.313	11.4	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.389	9.4	98	0.00
59	T	2-Hexanone	250.000	215.628	13.7	90	0.00
60	T	Dibromochloromethane	50.000	42.241	15.5	91	0.00
61	T	1,2-Dibromoethane	50.000	41.287	17.4	88	0.00
62	S	4-Bromofluorobenzene	50.000	44.630	10.7	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	54.333	-8.7	95	0.00
65	PM	Chlorobenzene	50.000	48.439	3.1	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.367	1.3	86	0.00
67	C	Ethyl Benzene	50.000	51.734	-3.5#	87	0.00
68	T	m/p-Xylenes	100.000	110.822	-10.8	93	0.00
69	T	o-Xylene	50.000	55.876	-11.8	89	0.00
70	T	Styrene	50.000	54.480	-9.0	87	0.00
71	P	Bromoform	50.000	52.493	-5.0	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	48.844	2.3	89	0.00
74	T	N-amyl acetate	50.000	44.507	11.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.947	-1.9	97	0.00
76	T	1,2,3-Trichloropropane	50.000	47.840	4.3	87	0.00
77	T	Bromobenzene	50.000	50.161	-0.3	94	0.00
78	T	n-propylbenzene	50.000	53.770	-7.5	98	0.00
79	T	2-Chlorotoluene	50.000	53.267	-6.5	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.362	-12.7	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.713	0.6	103	0.00
82	T	4-Chlorotoluene	50.000	54.769	-9.5	102	0.00
83	T	tert-Butylbenzene	50.000	57.016	-14.0	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.033	-12.1	101	0.00
85	T	sec-Butylbenzene	50.000	53.236	-6.5	97	0.00
86	T	p-Isopropyltoluene	50.000	51.637	-3.3	93	0.00
87	T	1,3-Dichlorobenzene	50.000	47.828	4.3	92	0.00
88	T	1,4-Dichlorobenzene	50.000	48.517	3.0	93	0.00
89	T	n-Butylbenzene	50.000	54.463	-8.9	100	0.00
90	T	Hexachloroethane	50.000	51.982	-4.0	99	0.00
91	T	1,2-Dichlorobenzene	50.000	50.057	-0.1	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.091	-2.2	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.792	2.4	90	0.00
94	T	Hexachlorobutadiene	50.000	44.490	11.0	85	0.00
95	T	Naphthalene	50.000	48.202	3.6	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087207.D
Acq On : 27 Jun 2025 09:38
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 27 23:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 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	44.895	10.2	83	0.00

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

QC SAMPLE DATA

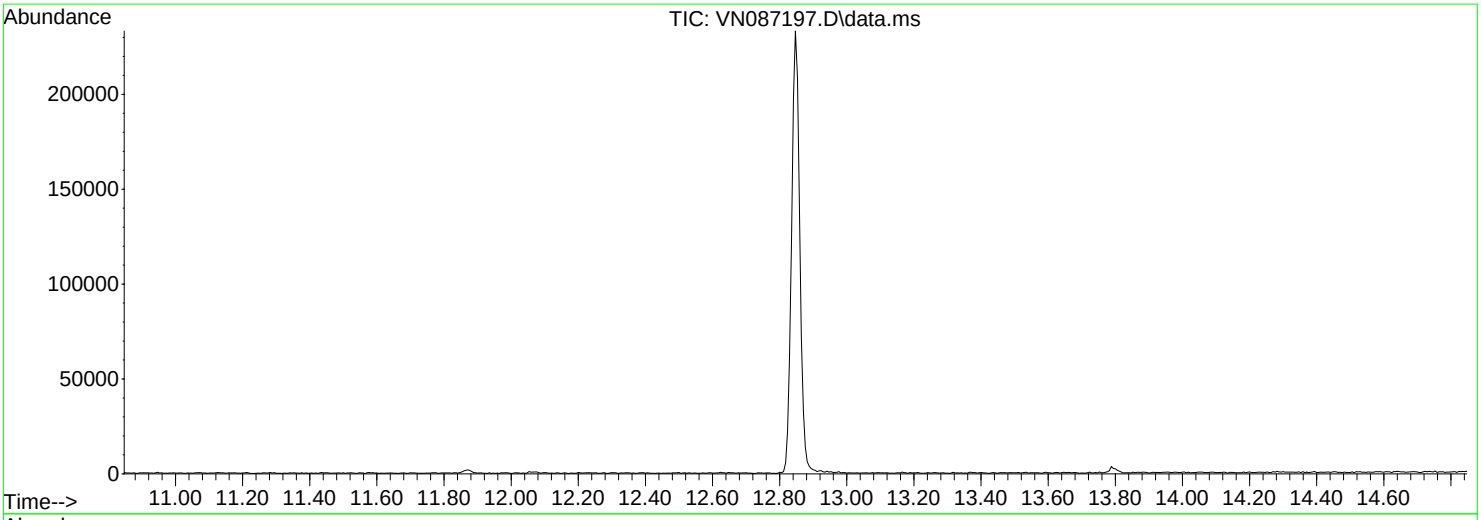
Sample Results: **VN087197.D**

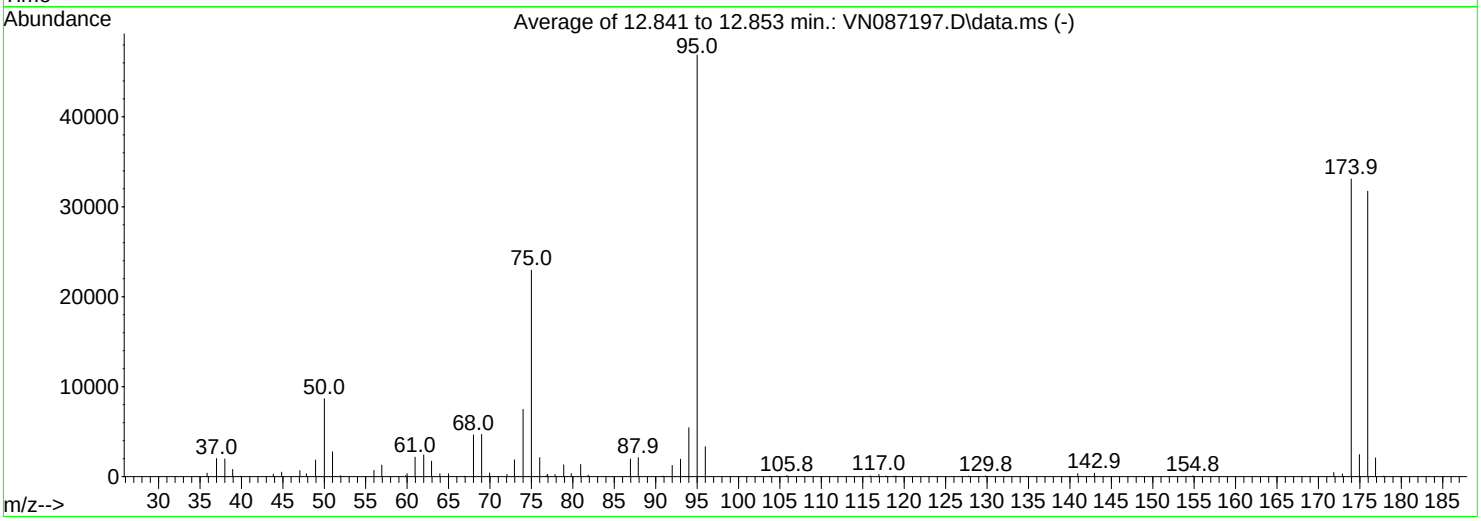
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087197.D
Acq On : 26 Jun 2025 16:13
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Title : SW846 8260
Last Update : Fri Jun 27 05:55:21 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	18.5	8671	PASS
75	95	30	60	49.0	22957	PASS
95	95	100	100	100.0	46896	PASS
96	95	5	9	7.1	3332	PASS
173	174	0.00	2	0.9	311	PASS
174	95	50	100	70.6	33091	PASS
175	174	5	9	7.4	2461	PASS
176	174	95	101	95.9	31733	PASS
177	176	5	9	6.6	2079	PASS

Average of 12.841 to 12.853 min.: VN087197.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	391	51.00	2754	66.90	58	77.85	23
37.00	2007	51.95	115	68.00	4643	78.90	131
38.00	1975	56.00	695	69.00	4689	79.80	33
38.95	799	56.95	1278	69.95	405	80.95	135
39.90	62	59.80	111	72.05	244	81.85	180
43.85	287	60.00	337	72.95	1862	86.95	1967
44.85	493	60.95	2167	74.00	7491	87.90	2127
47.05	683	62.00	2426	75.00	22957	90.90	66
47.85	327	62.95	1733	76.00	2118	92.00	1242
48.95	1845	63.95	313	76.80	115	93.00	1943
50.00	8671	65.00	326	76.95	250	94.00	5447

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN087197.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	46896	134.80	54				
96.00	3332	140.95	335				
103.80	54	142.95	385				
105.85	129	154.85	115				
115.90	82	171.85	467				
116.95	249	172.90	311				
117.80	68	173.95	33091				
118.70	60	174.95	2461				
119.00	93	175.95	31733				
127.80	65	176.90	2079				
129.85	104	177.90	71				

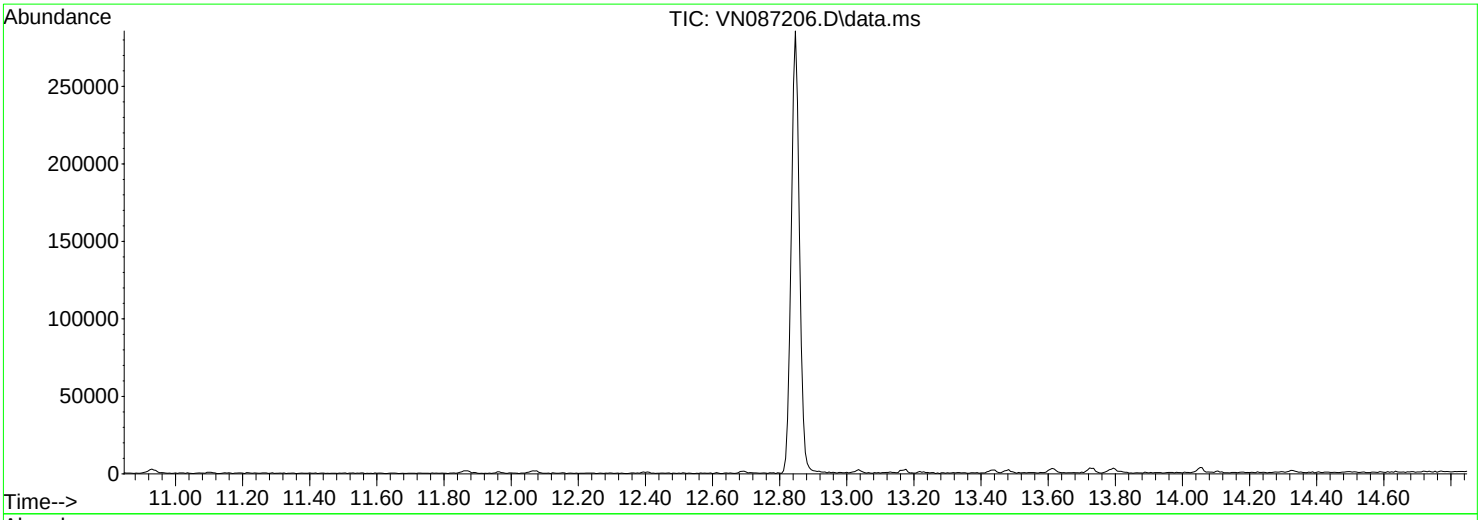
Sample Results: **VN087206.D**

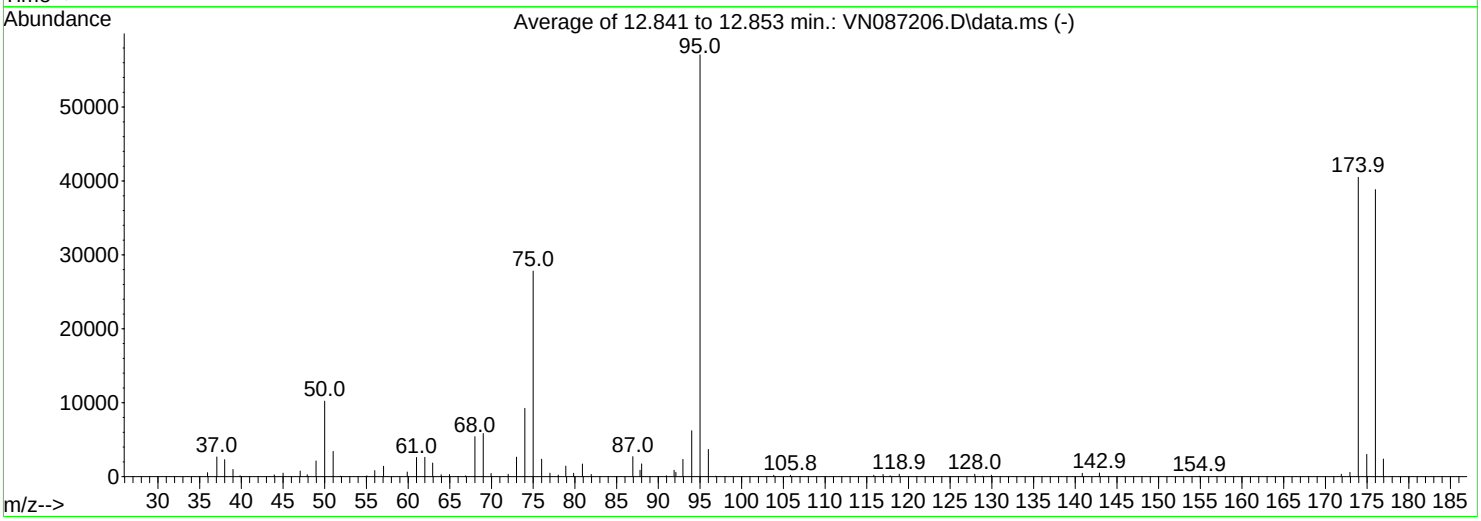
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087206.D
Acq On : 27 Jun 2025 08:09
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Title : SW846 8260
Last Update : Fri Jun 27 05:55:21 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	17.9	10223	PASS
75	95	30	60	48.8	27827	PASS
95	95	100	100	100.0	57064	PASS
96	95	5	9	6.5	3691	PASS
173	174	0.00	2	1.4	577	PASS
174	95	50	100	71.0	40493	PASS
175	174	5	9	7.4	3005	PASS
176	174	95	101	95.9	38845	PASS
177	176	5	9	6.1	2386	PASS

Average of 12.841 to 12.853 min.: VN087206.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	536	51.00	3413	66.90	113	78.90	142
37.05	2655	51.90	66	68.00	5422	79.85	46
38.00	2289	55.05	117	69.00	5854	80.90	170
39.00	982	56.00	814	69.95	432	81.95	29
39.85	133	57.05	1400	72.00	324	86.95	2706
43.95	228	59.90	632	73.00	2634	87.80	864
45.00	484	61.00	2590	74.00	9239	88.00	1724
47.05	752	62.00	2614	75.00	27827	90.95	132
47.90	270	62.95	1851	76.00	2353	91.90	862
48.95	2115	63.95	270	77.00	480	92.10	595
50.00	10223	64.95	293	78.00	218	92.95	2342

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.841 to 12.853 min.: VN087206.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	6208	128.90	57				
95.00	57064	129.95	186				
96.00	3691	140.85	447				
96.90	56	142.90	491				
103.85	188	154.90	58				
105.85	196	171.90	336				
115.85	196	172.95	577				
116.95	305	173.95	40493				
117.80	141	174.95	3005				
118.90	334	176.00	38845				
127.95	318	176.95	2386				

Raw Data: **VN087209.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:	Laurel		Date Received:		
Client Sample ID:	VN0627WBL01		SDG No.:	Q2401	
Lab Sample ID:	VN0627WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087209.D	1		06/27/25 10:33	VN062725

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

Raw Data: **VN087209.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:	Laurel		Date Received:		
Client Sample ID:	VN0627WBL01		SDG No.:	Q2401	
Lab Sample ID:	VN0627WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087209.D	1		06/27/25 10:33	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.5		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	45.1		70 (86) - 130 (113)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		70 (77) - 130 (121)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	196000	8.23			
540-36-3	1,4-Difluorobenzene	399000	9.1			
3114-55-4	Chlorobenzene-d5	334000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.788			

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\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Time: Jun 27 23:39:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

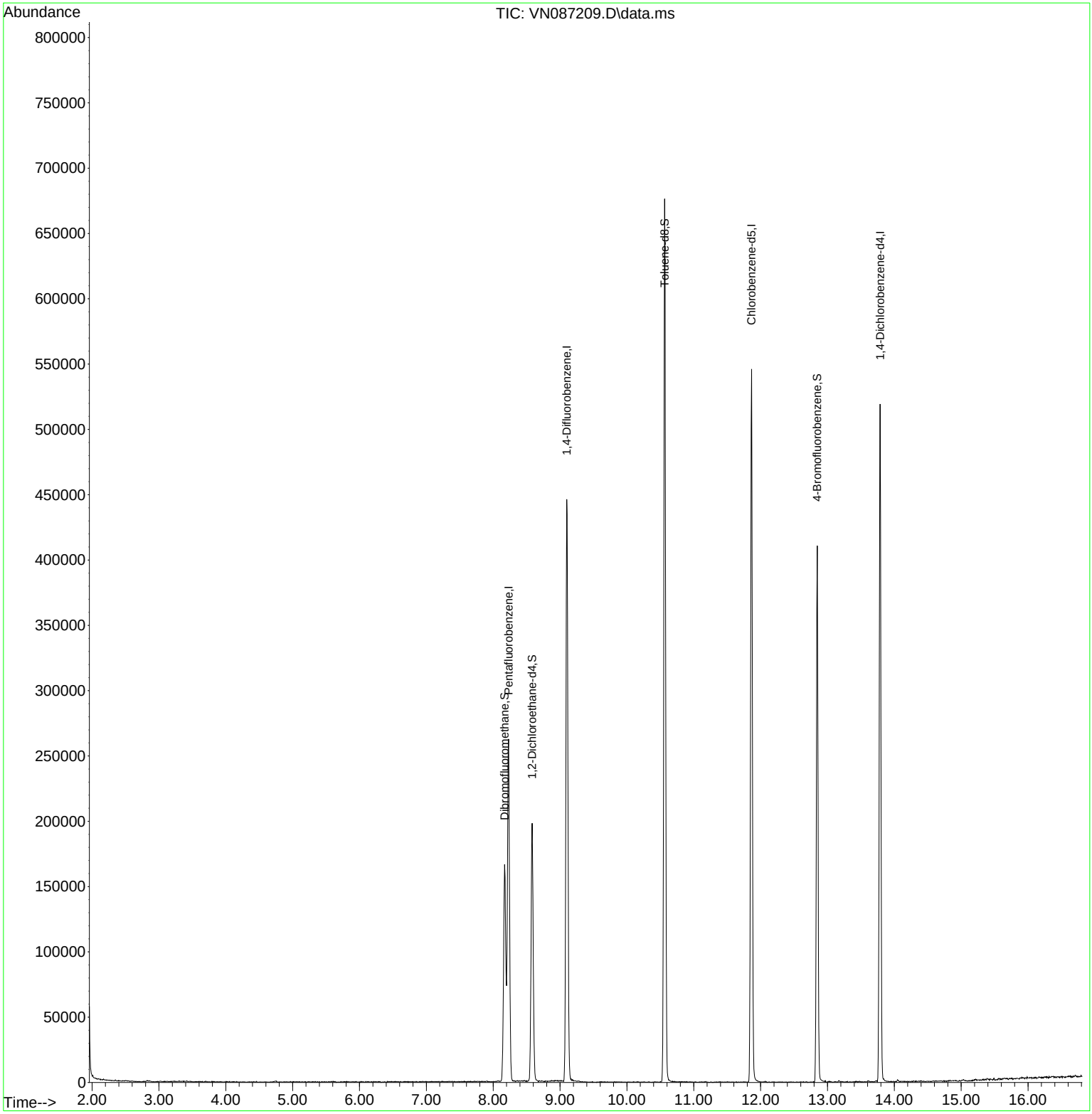
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	196165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159637	56.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.100%			
35) Dibromofluoromethane	8.171	113	125295	48.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	10.565	98	480608	45.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.140%			
62) 4-Bromofluorobenzene	12.847	95	157866	42.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.340%			
Target Compounds						Qvalue

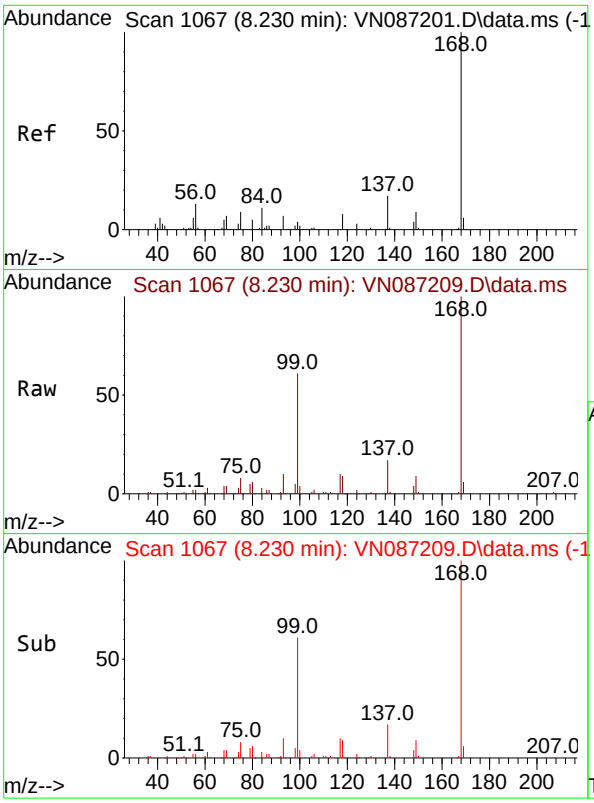
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Time: Jun 27 23:39:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration



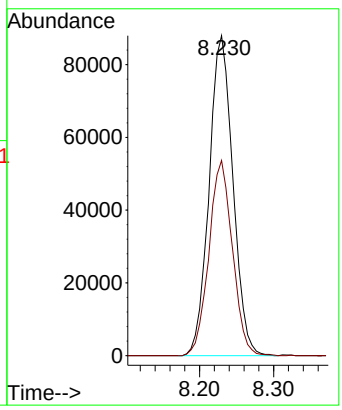


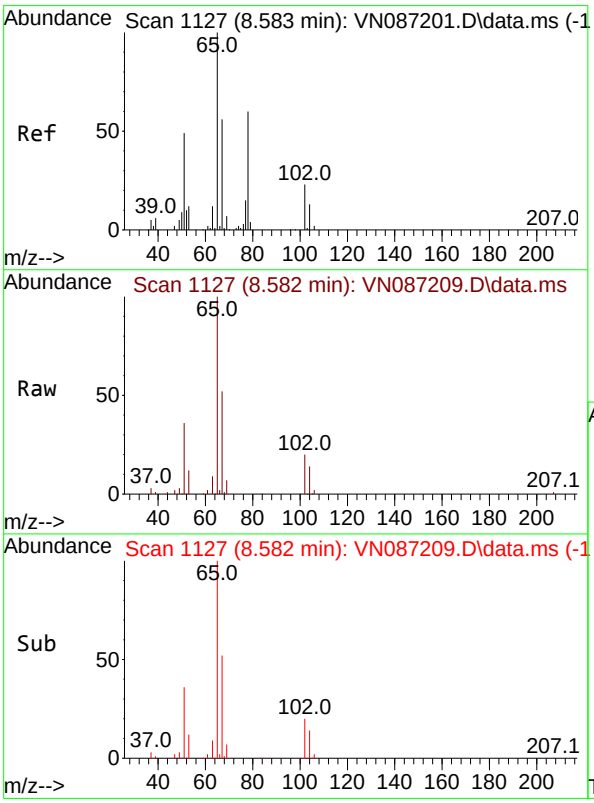
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion:168 Resp: 196165

Ion	Ratio	Lower	Upper
168	100		
99	61.0	47.9	71.9

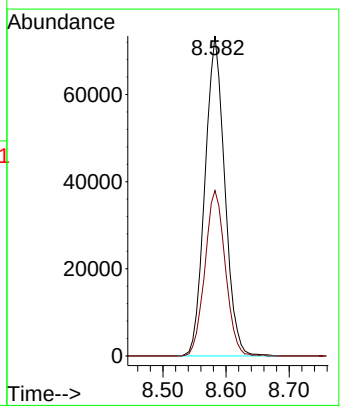


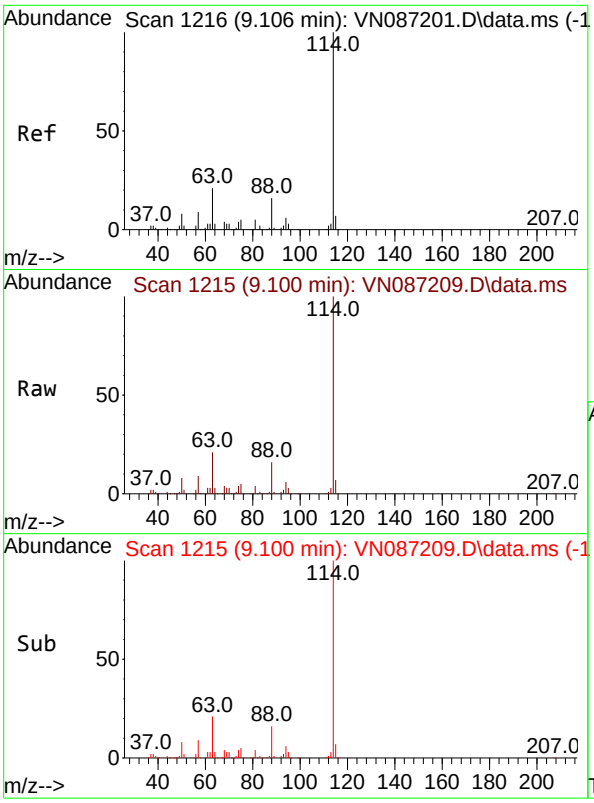


#33
1,2-Dichloroethane-d4
Concen: 56.549 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 65 Resp: 159637

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.0



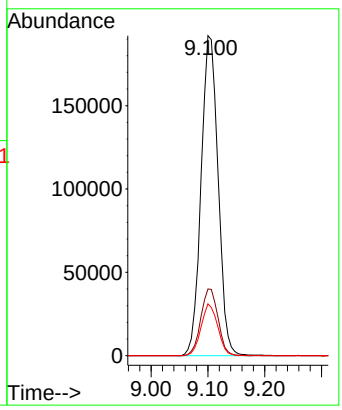


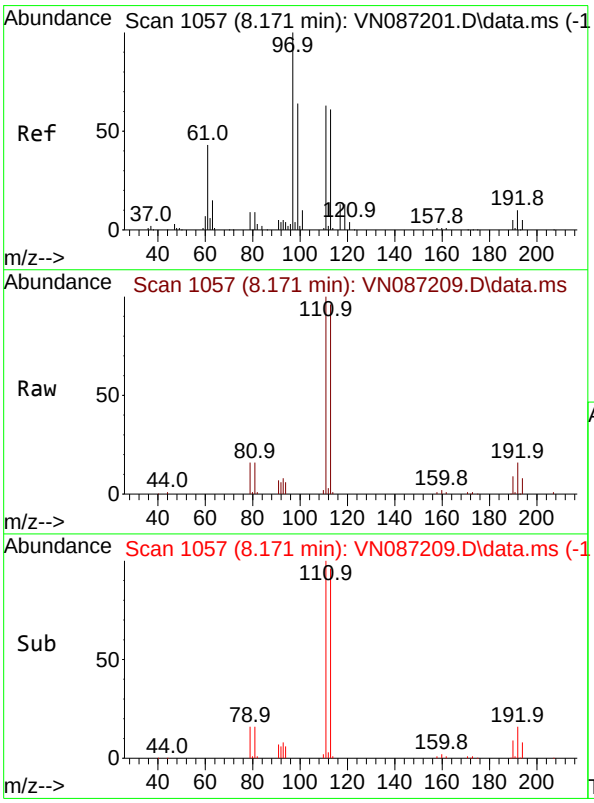
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion:114 Resp: 398772

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.0
88	16.2	0.0	32.0

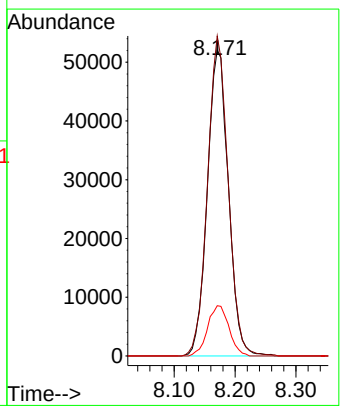


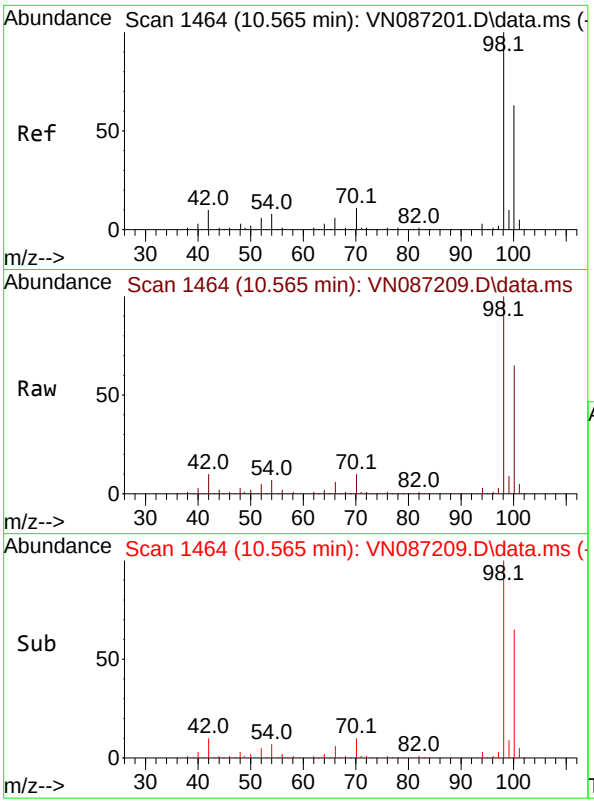


#35
Dibromofluoromethane
Concen: 48.600 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion:113 Resp: 125295

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	16.7	13.5	20.3



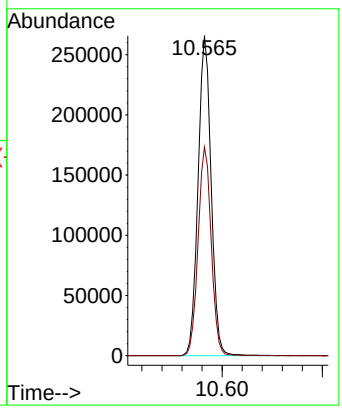


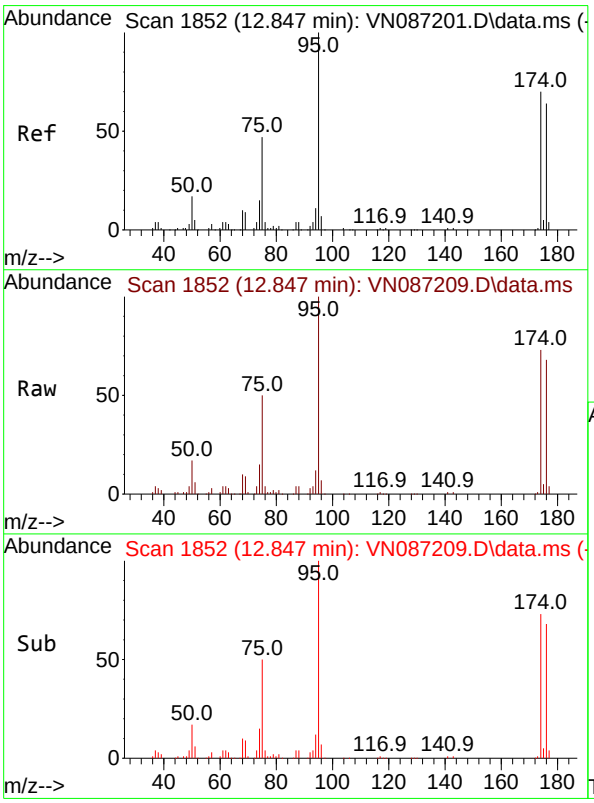
#50
Toluene-d8
Concen: 45.073 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion: 98 Resp: 480608

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1

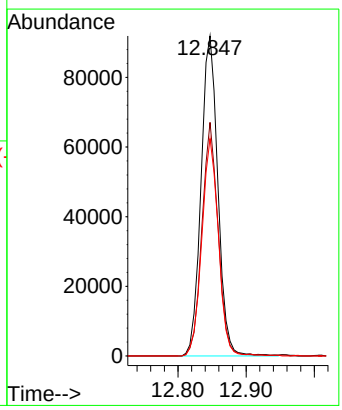


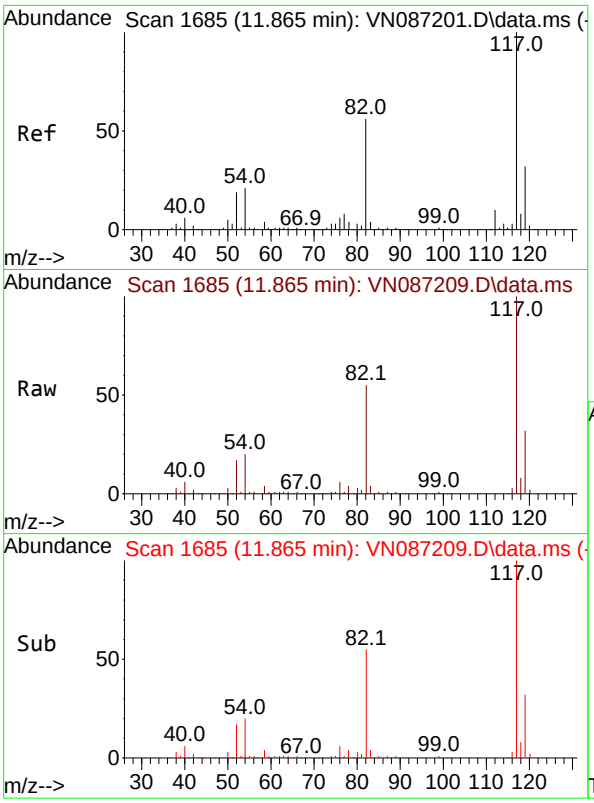


#62
4-Bromofluorobenzene
Concen: 42.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 95 Resp: 157866

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	142.2
176	66.8	0.0	134.8



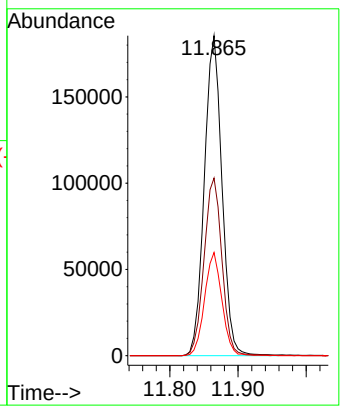


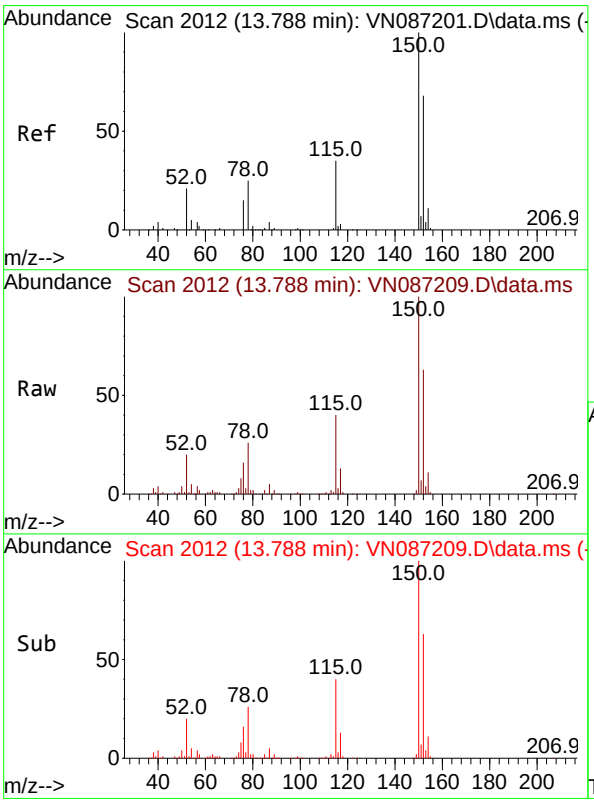
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion:117 Resp: 333801

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	32.3	25.9	38.9

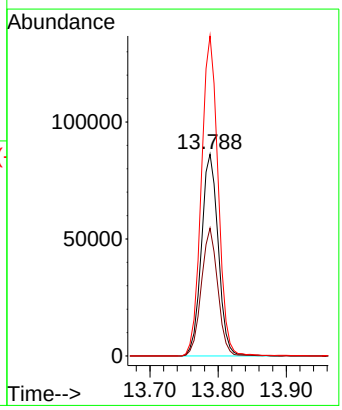




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion:152 Resp: 147923

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.6	91.8
150	158.1	0.0	347.8



Sample Results: **VN087209.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

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\82N062625W.M
Title : SW846 8260

Signal : TIC: VN087209.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	1046	1057	1062	rBV	166102	402379	32.72%	6.582%
2	8.230	1062	1067	1080	rVB	261925	570988	46.44%	9.340%
3	8.582	1114	1127	1138	rBV	197735	437589	35.59%	7.158%
4	9.100	1207	1215	1225	rBV	445750	917182	74.59%	15.003%
5	10.565	1455	1464	1474	rBV	676311	1229624	100.00%	20.114%
6	11.865	1677	1685	1701	rBV	545930	987311	80.29%	16.150%
7	12.847	1845	1852	1868	rBV	410676	689931	56.11%	11.286%
8	13.788	2005	2012	2025	rBV	518731	878303	71.43%	14.367%

Sum of corrected areas: 6113307

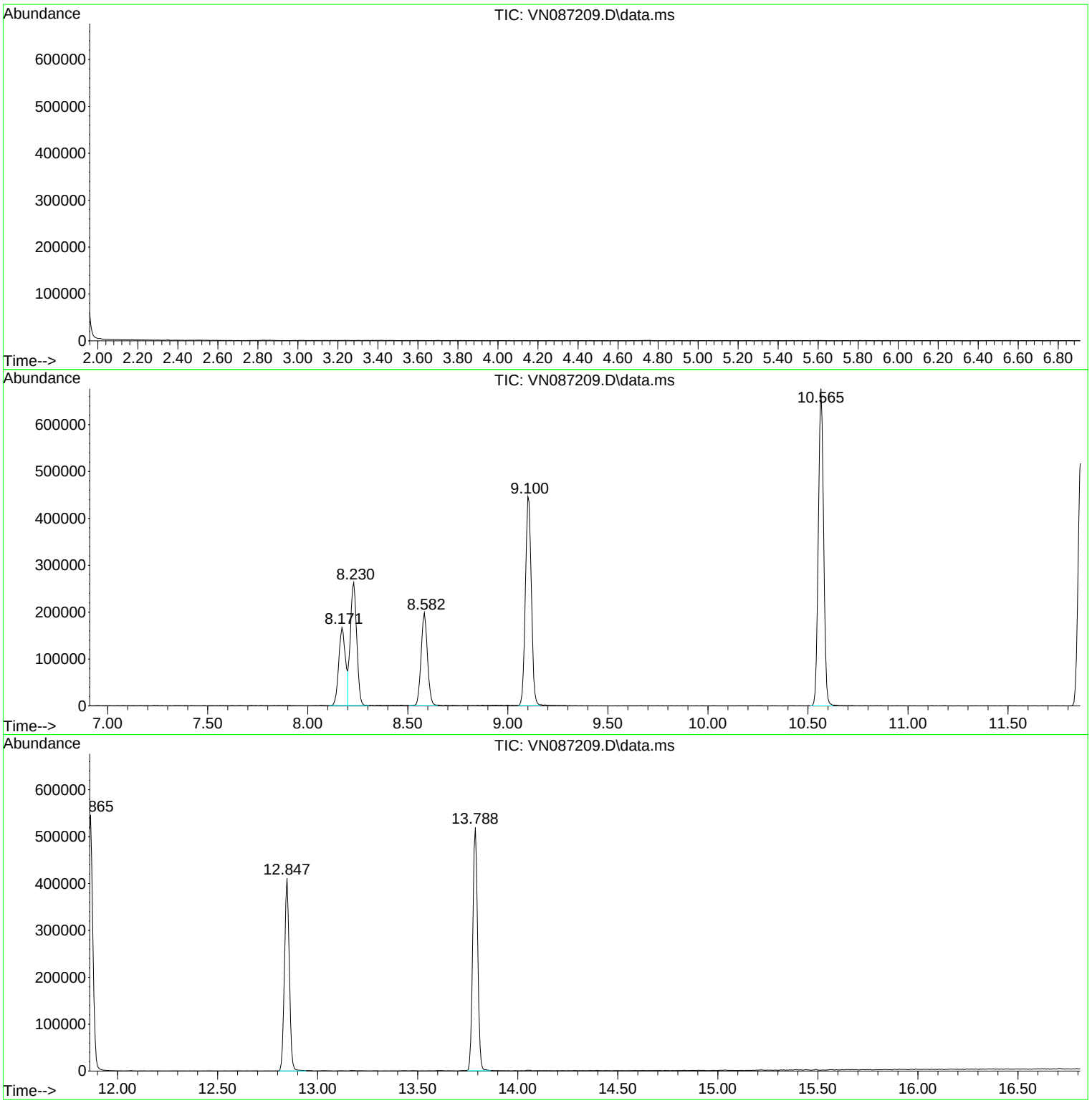
Sample Results: **VN087209.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087209.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.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\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.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: **VN087210.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:	Laurel		Date Received:		
Client Sample ID:	VN0627WBS01		SDG No.:	Q2401	
Lab Sample ID:	VN0627WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087210.D	1		06/27/25 10:53	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.26	1.00	ug/L
74-83-9	Bromomethane	17.7		1.40	5.00	ug/L
75-00-3	Chloroethane	16.6		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	90.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	86.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.1		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.2		0.23	1.00	ug/L
78-93-3	2-Butanone	90.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.1		0.19	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	16.2		0.20	1.00	ug/L
71-43-2	Benzene	21.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	21.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.2		0.68	5.00	ug/L
108-88-3	Toluene	18.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	77.0		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	17.3		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.23	1.00	ug/L

Raw Data: **VN087210.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:	Laurel	Date Received:	
Client Sample ID:	VN0627WBS01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087210.D	1		06/27/25 10:53	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.4		0.24	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	19.6		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.9		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	48.4		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	176000	8.23			
540-36-3	1,4-Difluorobenzene	278000	9.106			
3114-55-4	Chlorobenzene-d5	254000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.788			

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\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	176379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	277531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129924	51.186	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	8.165	113	87089	48.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.080%			
50) Toluene-d8	10.565	98	359431	48.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.860%			
62) 4-Bromofluorobenzene	12.847	95	131062	50.898	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	40401	18.279	ug/l	97
3) Chloromethane	2.395	50	41736	19.339	ug/l	99
4) Vinyl Chloride	2.554	62	45207	19.385	ug/l	99
5) Bromomethane	3.001	94	22155	17.702	ug/l	96
6) Chloroethane	3.159	64	20260	16.626	ug/l	100
7) Trichlorofluoromethane	3.530	101	48072	17.311	ug/l	99
8) Diethyl Ether	3.989	74	24750	20.036	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	37879	17.451	ug/l	98
10) Methyl Iodide	4.618	142	28846	16.685	ug/l	97
11) Tert butyl alcohol	5.536	59	50773	90.785	ug/l	98
12) 1,1-Dichloroethene	4.371	96	37973	18.353	ug/l	100
13) Acrolein	4.206	56	50841	110.255	ug/l	99
14) Allyl chloride	5.053	41	64921	18.868	ug/l	95
15) Acrylonitrile	5.736	53	140762	90.580	ug/l	99
16) Acetone	4.442	43	113442	86.027	ug/l	98
17) Carbon Disulfide	4.742	76	107240	16.102	ug/l	100
18) Methyl Acetate	5.042	43	57978	18.299	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	133058	18.671	ug/l	100
20) Methylene Chloride	5.301	84	42170	17.809	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	41616	18.136	ug/l	99
22) Diisopropyl ether	6.677	45	125485	17.031	ug/l	96
23) Vinyl Acetate	6.612	43	576062	87.429	ug/l	100
24) 1,1-Dichloroethane	6.583	63	75051	17.246	ug/l	99
25) 2-Butanone	7.494	43	174955	90.914	ug/l	98
26) 2,2-Dichloropropane	7.494	77	63700	18.415	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	45630	17.102	ug/l	99
28) Bromochloromethane	7.818	49	40129	20.977	ug/l	99
29) Tetrahydrofuran	7.847	42	120854	95.785	ug/l	97
30) Chloroform	7.971	83	74270	18.093	ug/l	98
31) Cyclohexane	8.265	56	78165	19.891	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	57118	16.196	ug/l	99
36) 1,1-Dichloropropene	8.371	75	56912	21.655	ug/l	99
37) Ethyl Acetate	7.565	43	73302	20.289	ug/l	99
38) Carbon Tetrachloride	8.371	117	54795	21.408	ug/l	97
39) Methylcyclohexane	9.606	83	65847	20.535	ug/l	97
40) Benzene	8.612	78	178090	21.931	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	38055	22.124	ug/l		100
42) 1,2-Dichloroethane	8.671	62	57520	21.789	ug/l		99
43) Isopropyl Acetate	8.694	43	111783	23.136	ug/l		99
44) Trichloroethene	9.353	130	41825	21.512	ug/l		99
45) 1,2-Dichloropropane	9.624	63	43514	20.789	ug/l		100
46) Dibromomethane	9.712	93	29227	20.605	ug/l		96
47) Bromodichloromethane	9.888	83	55279	19.404	ug/l		97
48) Methyl methacrylate	9.683	41	50189	21.485	ug/l		98
49) 1,4-Dioxane	9.700	88	14086	352.762	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	332379	93.208	ug/l		100
52) Toluene	10.630	92	96088	18.509	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	60838	19.153	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	65561	19.398	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	35678	18.172	ug/l		98
56) Ethyl methacrylate	10.882	69	56615	16.678	ug/l		96
57) 1,3-Dichloropropane	11.159	76	63597	18.334	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	189220	103.629	ug/l		100
59) 2-Hexanone	11.206	43	165430	76.962	ug/l		95
60) Dibromochloromethane	11.359	129	36879	17.272	ug/l		100
61) 1,2-Dibromoethane	11.471	107	35831	17.265	ug/l		96
64) Tetrachloroethene	11.100	164	29331	18.867	ug/l		96
65) Chlorobenzene	11.888	112	107023	18.996	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32683	18.161	ug/l		100
67) Ethyl Benzene	11.959	91	177048	18.842	ug/l		97
68) m/p-Xylenes	12.065	106	138041	38.395	ug/l		100
69) o-Xylene	12.394	106	65286	19.975	ug/l		100
70) Styrene	12.406	104	110803	19.752	ug/l		99
71) Bromoform	12.576	173	26201	19.618	ug/l	#	99
73) Isopropylbenzene	12.688	105	172494	19.997	ug/l		99
74) N-amyl acetate	12.553	43	65201m	20.314	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	58716	18.899	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	54898m	19.311	ug/l		
77) Bromobenzene	12.976	156	39849	19.009	ug/l		99
78) n-propylbenzene	13.029	91	203077	19.114	ug/l		99
79) 2-Chlorotoluene	13.124	91	124697	18.854	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	142481	20.009	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	22171	17.503	ug/l	#	90
82) 4-Chlorotoluene	13.218	91	130845	19.845	ug/l		98
83) tert-Butylbenzene	13.435	119	119843	19.593	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	139230	19.269	ug/l		100
85) sec-Butylbenzene	13.612	105	174148	19.325	ug/l		99
86) p-Isopropyltoluene	13.723	119	141473	19.141	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	75821	17.973	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	78379	18.071	ug/l		98
89) n-Butylbenzene	14.053	91	138923	20.230	ug/l		99
90) Hexachloroethane	14.329	117	27474	19.208	ug/l		98
91) 1,2-Dichlorobenzene	14.100	146	74893	18.850	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13750	19.388	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	42662	19.288	ug/l		98
94) Hexachlorobutadiene	15.494	225	14132	20.254	ug/l		98
95) Naphthalene	15.635	128	167050	19.908	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	42697	19.551	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

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

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

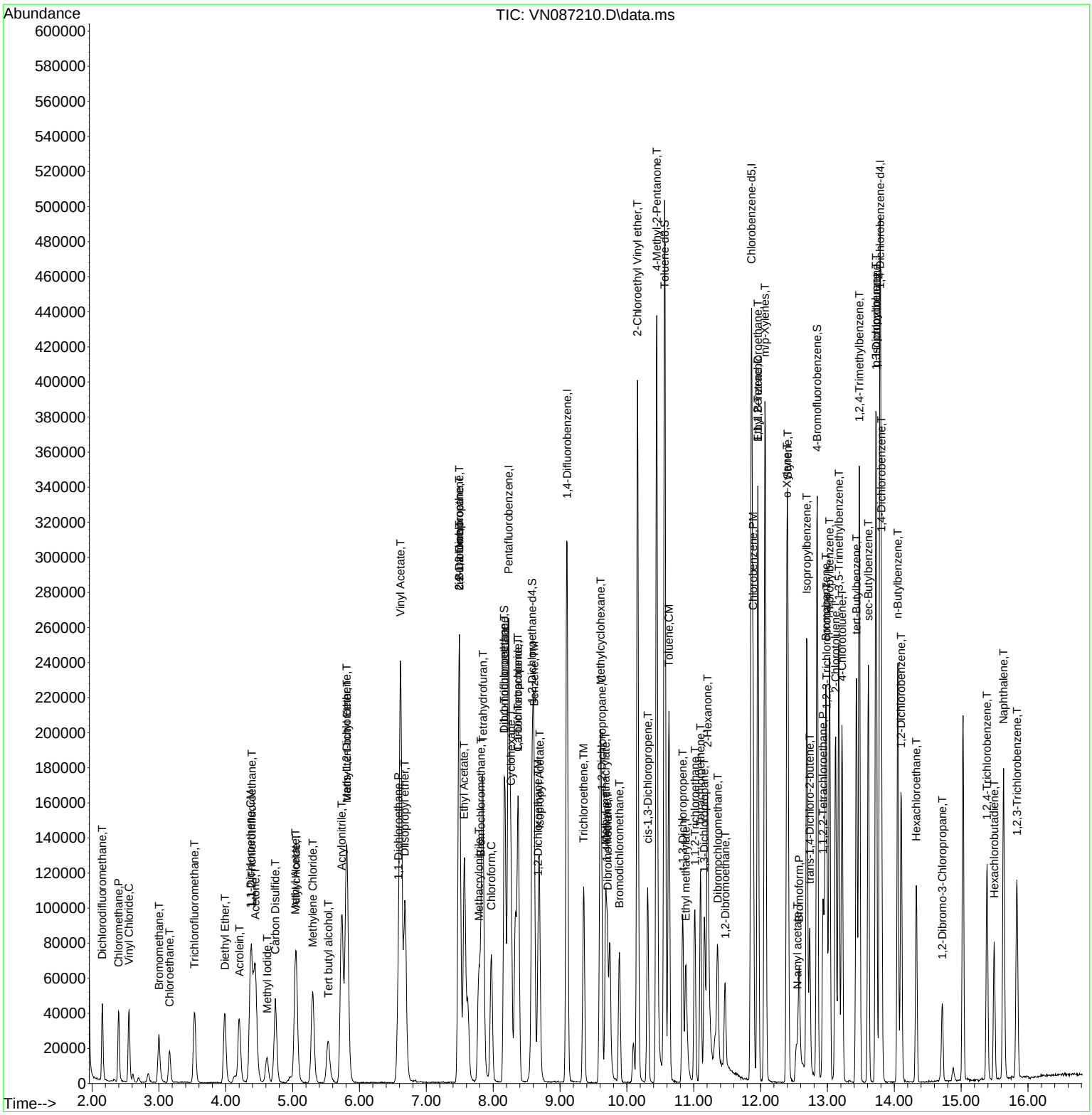
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



Raw Data: **VN087211.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:	Laurel		Date Received:		
Client Sample ID:	VN0627WBSD01		SDG No.:	Q2401	
Lab Sample ID:	VN0627WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087211.D	1		06/27/25 11:27	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	22.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	21.4		1.40	5.00	ug/L
75-00-3	Chloroethane	20.5		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	20.6		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	20.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.5		0.16	1.00	ug/L
75-09-2	Methylene Chloride	21.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.1		0.19	1.00	ug/L
67-66-3	Chloroform	21.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.20	1.00	ug/L
71-43-2	Benzene	17.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.5		0.68	5.00	ug/L
108-88-3	Toluene	18.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	22.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.4		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.9		0.23	1.00	ug/L

Raw Data: **VN087211.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:	Laurel	Date Received:	
Client Sample ID:	VN0627WBSD01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087211.D	1		06/27/25 11:27	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	18.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.9		0.24	2.00	ug/L
95-47-6	o-Xylene	20.4		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	18.9		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	56.8		70 (75) - 130 (124)	114%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143000	8.23			
540-36-3	1,4-Difluorobenzene	250000	9.106			
3114-55-4	Chlorobenzene-d5	239000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	119000	13.788			

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\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	143301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101264	49.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.200%			
35) Dibromofluoromethane	8.177	113	91710	56.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.520%			
50) Toluene-d8	10.565	98	320853	48.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.847	95	115299	49.726	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	36856	20.524	ug/l	95
3) Chloromethane	2.395	50	38699	22.071	ug/l	98
4) Vinyl Chloride	2.554	62	36076	19.041	ug/l	98
5) Bromomethane	3.001	94	21735	21.376	ug/l	100
6) Chloroethane	3.159	64	20281	20.485	ug/l #	86
7) Trichlorofluoromethane	3.530	101	48344	21.428	ug/l	100
8) Diethyl Ether	3.983	74	24375	24.288	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.406	101	34695	20.049	ug/l	99
10) Methyl Iodide	4.618	142	28322	20.163	ug/l	98
11) Tert butyl alcohol	5.536	59	49082	108.019	ug/l	99
12) 1,1-Dichloroethene	4.371	96	34626	20.598	ug/l	96
13) Acrolein	4.201	56	50036	133.557	ug/l	99
14) Allyl chloride	5.048	41	60070	21.644	ug/l	97
15) Acrylonitrile	5.736	53	136772	110.153	ug/l	100
16) Acetone	4.448	43	114156	110.279	ug/l	96
17) Carbon Disulfide	4.742	76	108684	20.924	ug/l	99
18) Methyl Acetate	5.042	43	56875	22.306	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	130557	22.548	ug/l	100
20) Methylene Chloride	5.300	84	41291	21.875	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	38074	20.422	ug/l	97
22) Diisopropyl ether	6.683	45	135402	22.619	ug/l	98
23) Vinyl Acetate	6.606	43	566985	105.915	ug/l	99
24) 1,1-Dichloroethane	6.589	63	73185	20.700	ug/l	99
25) 2-Butanone	7.489	43	164325	105.101	ug/l	98
26) 2,2-Dichloropropane	7.494	77	56422	20.076	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	41318	19.061	ug/l	99
28) Bromochloromethane	7.824	49	36800	23.677	ug/l	99
29) Tetrahydrofuran	7.847	42	118780	115.872	ug/l	97
30) Chloroform	7.971	83	72296	21.678	ug/l	95
31) Cyclohexane	8.259	56	47081	14.747	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	58399	20.382	ug/l	96
36) 1,1-Dichloropropene	8.377	75	40734	17.213	ug/l	99
37) Ethyl Acetate	7.571	43	56531	17.032	ug/l	98
38) Carbon Tetrachloride	8.371	117	42465	18.425	ug/l	98
39) Methylcyclohexane	9.606	83	47109	16.316	ug/l	95
40) Benzene	8.612	78	125083	17.106	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	36611	23.638	ug/l		98
42) 1,2-Dichloroethane	8.677	62	44863	18.873	ug/l		100
43) Isopropyl Acetate	8.694	43	78742	18.099	ug/l		99
44) Trichloroethene	9.353	130	31163	17.800	ug/l		95
45) 1,2-Dichloropropane	9.624	63	30669	16.272	ug/l		97
46) Dibromomethane	9.712	93	23645	18.512	ug/l		97
47) Bromodichloromethane	9.888	83	45729	17.827	ug/l		97
48) Methyl methacrylate	9.683	41	35732	16.987	ug/l	#	90
49) 1,4-Dioxane	9.700	88	10686	298.697	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.447	43	263150	81.498	ug/l		96
52) Toluene	10.630	92	86864	18.582	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	63340	22.145	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	53193	17.478	ug/l	#	87
55) 1,1,2-Trichloroethane	11.012	97	38786	21.939	ug/l		100
56) Ethyl methacrylate	10.882	69	63451	20.913	ug/l		97
57) 1,3-Dichloropropane	11.159	76	66685	21.350	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	144165	87.066	ug/l		96
59) 2-Hexanone	11.206	43	177301	91.603	ug/l		100
60) Dibromochloromethane	11.359	129	37260	19.379	ug/l		99
61) 1,2-Dibromoethane	11.471	107	34907	18.679	ug/l		99
64) Tetrachloroethene	11.100	164	29051	19.873	ug/l		97
65) Chlorobenzene	11.894	112	96423	18.201	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30859	18.237	ug/l		99
67) Ethyl Benzene	11.965	91	163188	18.470	ug/l		100
68) m/p-Xylenes	12.071	106	128116	37.897	ug/l		99
69) o-Xylene	12.394	106	62780	20.428	ug/l		98
70) Styrene	12.412	104	106444	20.179	ug/l		98
71) Bromoform	12.576	173	23780	18.936	ug/l	#	100
73) Isopropylbenzene	12.694	105	149786	18.622	ug/l		100
74) N-amyl acetate	12.541	43	58379m	19.506	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	54490	18.809	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	46772m	17.644	ug/l		
77) Bromobenzene	12.976	156	36175	18.506	ug/l		98
78) n-propylbenzene	13.035	91	182433	18.415	ug/l		99
79) 2-Chlorotoluene	13.123	91	112427	18.230	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	125687	18.928	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	21444	18.155	ug/l		94
82) 4-Chlorotoluene	13.218	91	115798	18.835	ug/l		99
83) tert-Butylbenzene	13.435	119	107656	18.875	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	126735	18.810	ug/l		99
85) sec-Butylbenzene	13.612	105	161999	19.278	ug/l		99
86) p-Isopropyltoluene	13.723	119	135937	19.724	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	72752	18.495	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	75052	18.557	ug/l		96
89) n-Butylbenzene	14.053	91	124059	19.374	ug/l		99
90) Hexachloroethane	14.329	117	26366	19.768	ug/l		96
91) 1,2-Dichlorobenzene	14.100	146	71576	19.320	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12522	18.935	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	41904	20.317	ug/l		99
94) Hexachlorobutadiene	15.494	225	12068	18.548	ug/l		95
95) Naphthalene	15.635	128	151413	19.351	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	36451	17.900	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

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

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

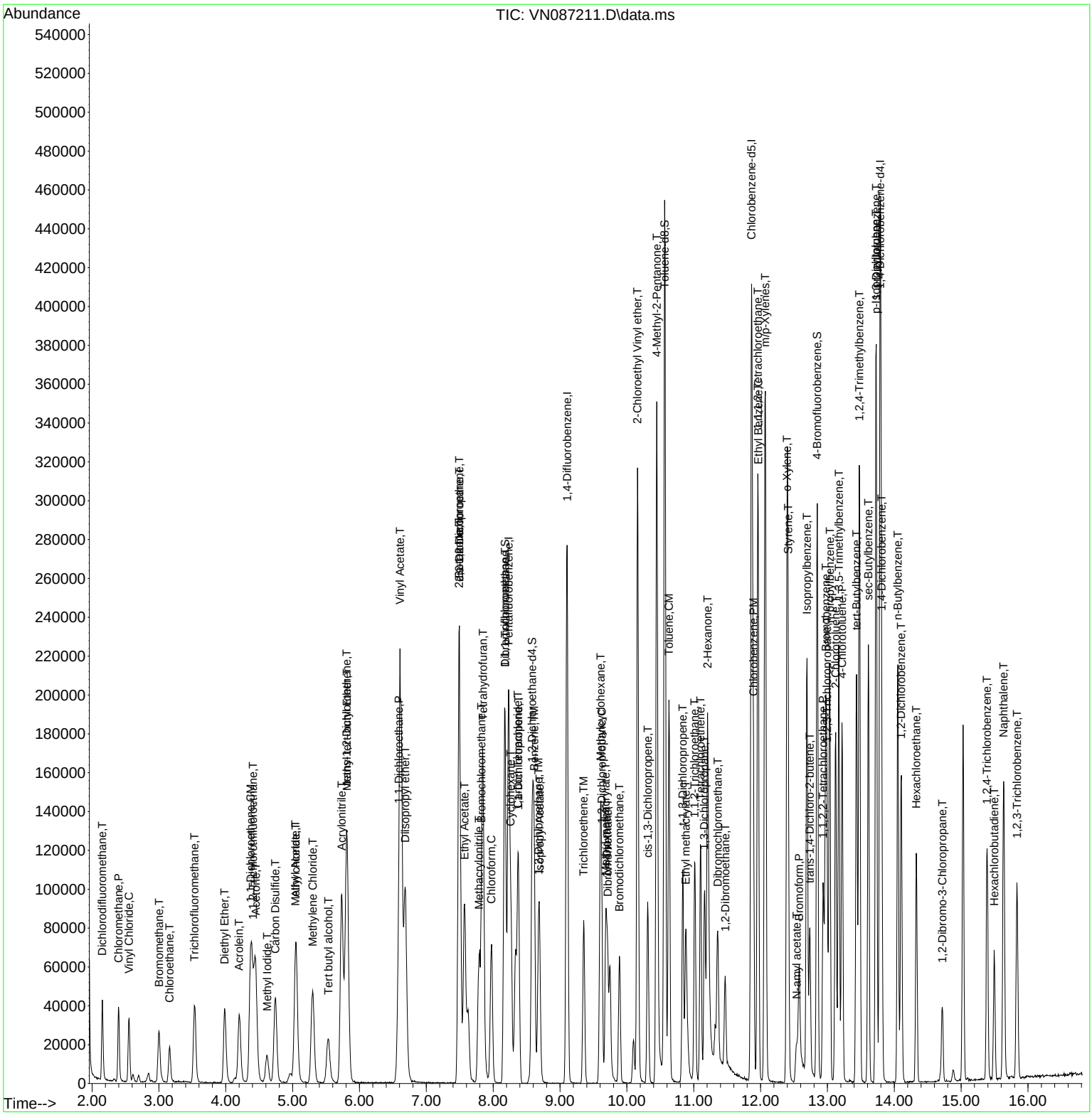
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



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

Manual Integration Report

Sequence:	vn062625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087181.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:42:56 AM	MMDadoda	6/27/2025 10:43:05 AM	Peak Integrated by Software
VSTDCCC050	VN087181.D	N-amyl acetate	JOHN	6/27/2025 8:42:56 AM	MMDadoda	6/27/2025 10:43:05 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	1,4-Dichlorobenzene	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	2-Hexanone	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	Ethyl methacrylate	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	N-amyl acetate	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC005	VN087199.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:29 AM	MMDadoda	6/27/2025 10:43:46 AM	Peak Integrated by Software
VSTDICC005	VN087199.D	2-Hexanone	JOHN	6/27/2025 8:44:29 AM	MMDadoda	6/27/2025 10:43:46 AM	Peak Integrated by Software
VSTDICC005	VN087199.D	N-amyl acetate	JOHN	6/27/2025 8:44:29 AM	MMDadoda	6/27/2025 10:43:46 AM	Peak Integrated by Software
VSTDICC020	VN087200.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:37 AM	MMDadoda	6/27/2025 10:43:52 AM	Peak Integrated by Software
VSTDICC020	VN087200.D	N-amyl acetate	JOHN	6/27/2025 8:44:37 AM	MMDadoda	6/27/2025 10:43:52 AM	Peak Integrated by Software
VSTDICCC050	VN087201.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:41 AM	MMDadoda	6/27/2025 10:44:01 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vn062625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087202.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:47 AM	MMDadoda	6/27/2025 10:44:10 AM	Peak Integrated by Software
VSTDICC150	VN087203.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:51 AM	MMDadoda	6/27/2025 10:44:19 AM	Peak Integrated by Software
VSTDICV050	VN087205.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:56 AM	MMDadoda	6/27/2025 10:44:26 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN062725	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087207.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:13 AM	Sam	6/30/2025 8:24:44 AM	Peak Integrated by Software
VSTDCCC050	VN087207.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:13 AM	Sam	6/30/2025 8:24:44 AM	Peak Integrated by Software
VN0627WBS01	VN087210.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:16 AM	Sam	6/30/2025 8:24:46 AM	Peak Integrated by Software
VN0627WBS01	VN087210.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:16 AM	Sam	6/30/2025 8:24:46 AM	Peak Integrated by Software
VN0627WBSD01	VN087211.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:15 AM	Sam	6/30/2025 8:24:47 AM	Peak Integrated by Software
VN0627WBSD01	VN087211.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:15 AM	Sam	6/30/2025 8:24:47 AM	Peak Integrated by Software
Q2401-01	VN087213.D	n-Butylbenzene	mmdadoda	6/30/2025 8:22:16 AM	Sam	6/30/2025 8:24:49 AM	Peak Integrated by Software
VSTDCCC050	VN087233.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:18 AM	Sam	6/30/2025 8:24:50 AM	Peak Integrated by Software
VSTDCCC050	VN087233.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:18 AM	Sam	6/30/2025 8:24:50 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087180.D	26 Jun 2025 08:40	JC\MD	Ok
2	VSTDCCC050	VN087181.D	26 Jun 2025 09:50	JC\MD	Ok,M
3	VN0626WBL01	VN087182.D	26 Jun 2025 10:25	JC\MD	Ok
4	VN0626MBL01	VN087183.D	26 Jun 2025 10:46	JC\MD	Ok
5	VN0626WBS01	VN087184.D	26 Jun 2025 11:07	JC\MD	Ok,M
6	Q2386-02	VN087185.D	26 Jun 2025 11:40	JC\MD	Ok
7	PB168572TB	VN087186.D	26 Jun 2025 12:01	JC\MD	Ok
8	VN0626WBSD01	VN087187.D	26 Jun 2025 12:22	JC\MD	Ok,M
9	Q2388-04	VN087188.D	26 Jun 2025 12:44	JC\MD	Ok
10	Q2389-04	VN087189.D	26 Jun 2025 13:05	JC\MD	Ok
11	Q2391-01	VN087190.D	26 Jun 2025 13:26	JC\MD	Ok
12	Q2394-04	VN087191.D	26 Jun 2025 13:47	JC\MD	Ok
13	Q2399-04	VN087192.D	26 Jun 2025 14:08	JC\MD	Ok
14	Q2399-08	VN087193.D	26 Jun 2025 14:29	JC\MD	ReRun
15	Q2405-04	VN087194.D	26 Jun 2025 14:49	JC\MD	Ok
16	Q2409-01	VN087195.D	26 Jun 2025 15:10	JC\MD	Ok
17	VN0626WBS02	VN087196.D	26 Jun 2025 15:31	JC\MD	Not Ok
18	BFB	VN087197.D	26 Jun 2025 16:13	JC\MD	Ok
19	VSTDICC001	VN087198.D	26 Jun 2025 16:34	JC\MD	Ok,M
20	VSTDICC005	VN087199.D	26 Jun 2025 17:15	JC\MD	Ok,M
21	VSTDICC020	VN087200.D	26 Jun 2025 17:36	JC\MD	Ok,M

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDICCC050	VN087201.D	26 Jun 2025 17:57	JC\MD	Ok,M
23	VSTDICC100	VN087202.D	26 Jun 2025 18:18	JC\MD	Ok,M
24	VSTDICC150	VN087203.D	26 Jun 2025 18:39	JC\MD	Ok,M
25	IBLK	VN087204.D	26 Jun 2025 18:59	JC\MD	Ok
26	VSTDICV050	VN087205.D	26 Jun 2025 19:20	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087206.D	27 Jun 2025 08:09	JC\MD	Ok
2	VSTDCCC050	VN087207.D	27 Jun 2025 09:38	JC\MD	Ok,M
3	VN0627MBL01	VN087208.D	27 Jun 2025 10:12	JC\MD	Ok
4	VN0627WBL01	VN087209.D	27 Jun 2025 10:33	JC\MD	Ok
5	VN0627WBS01	VN087210.D	27 Jun 2025 10:53	JC\MD	Ok,M
6	VN0627WBSD01	VN087211.D	27 Jun 2025 11:27	JC\MD	Ok,M
7	Q2399-08	VN087212.D	27 Jun 2025 11:48	JC\MD	Ok
8	Q2401-01	VN087213.D	27 Jun 2025 12:08	JC\MD	Ok,M
9	Q2418-01	VN087214.D	27 Jun 2025 12:29	JC\MD	Not Ok
10	PB168627TB	VN087215.D	27 Jun 2025 12:49	JC\MD	Ok
11	Q2414-04	VN087216.D	27 Jun 2025 13:10	JC\MD	ReRun
12	Q2415-04	VN087217.D	27 Jun 2025 13:31	JC\MD	Ok
13	Q2416-04	VN087218.D	27 Jun 2025 13:51	JC\MD	Ok
14	Q2420-02	VN087219.D	27 Jun 2025 14:12	JC\MD	Ok
15	Q2429-04	VN087220.D	27 Jun 2025 14:32	JC\MD	Ok
16	Q2430-04	VN087221.D	27 Jun 2025 14:53	JC\MD	ReRun
17	IBLK	VN087222.D	27 Jun 2025 15:14	JC\MD	Ok
18	Q2437-01	VN087223.D	27 Jun 2025 15:35	JC\MD	Ok
19	Q2437-02	VN087224.D	27 Jun 2025 15:56	JC\MD	Ok
20	Q2437-03	VN087225.D	27 Jun 2025 16:17	JC\MD	Ok
21	Q2437-04	VN087226.D	27 Jun 2025 16:38	JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2366-01	VN087227.D	27 Jun 2025 17:00	JC\MD	Ok
23	IBLK	VN087228.D	27 Jun 2025 17:21	JC\MD	Ok
24	IBLK	VN087229.D	27 Jun 2025 17:42	JC\MD	Ok
25	Q2418-01	VN087230.D	27 Jun 2025 18:03	JC\MD	Ok
26	Q2414-04	VN087231.D	27 Jun 2025 18:25	JC\MD	Ok
27	Q2430-04RE	VN087232.D	27 Jun 2025 18:46	JC\MD	Confirms
28	VSTDCCC050	VN087233.D	27 Jun 2025 19:07	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
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	VN087180.D	26 Jun 2025 08:40		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087181.D	26 Jun 2025 09:50	pH#Lot#V12668	JC\MD	Ok,M
3	VN0626WBL01	VN0626WBL01	VN087182.D	26 Jun 2025 10:25		JC\MD	Ok
4	VN0626MBL01	VN0626MBL01	VN087183.D	26 Jun 2025 10:46		JC\MD	Ok
5	VN0626WBS01	VN0626WBS01	VN087184.D	26 Jun 2025 11:07		JC\MD	Ok,M
6	Q2386-02	SU-1-062025	VN087185.D	26 Jun 2025 11:40	vial A pH#5.0	JC\MD	Ok
7	PB168572TB	PB168572TB	VN087186.D	26 Jun 2025 12:01		JC\MD	Ok
8	VN0626WBSD01	VN0626WBSD01	VN087187.D	26 Jun 2025 12:22		JC\MD	Ok,M
9	Q2388-04	TP-12	VN087188.D	26 Jun 2025 12:44	vial A pH#5.0	JC\MD	Ok
10	Q2389-04	MH-J-I	VN087189.D	26 Jun 2025 13:05	vial A pH#5.0	JC\MD	Ok
11	Q2391-01	AUD-1623	VN087190.D	26 Jun 2025 13:26	vial A pH#5.0	JC\MD	Ok
12	Q2394-04	MH-K/L	VN087191.D	26 Jun 2025 13:47	vial A pH#5.0	JC\MD	Ok
13	Q2399-04	TP-13	VN087192.D	26 Jun 2025 14:08	vial A pH#5.0	JC\MD	Ok
14	Q2399-08	EP-7	VN087193.D	26 Jun 2025 14:29	vial A pH#5.0;Surrogate Fail	JC\MD	ReRun
15	Q2405-04	MH-M/N	VN087194.D	26 Jun 2025 14:49	vial A pH#5.0	JC\MD	Ok
16	Q2409-01	COP-SOIL-PILE	VN087195.D	26 Jun 2025 15:10	vial A pH#5.0	JC\MD	Ok
17	VN0626WBS02	VN0626WBS02	VN087196.D	26 Jun 2025 15:31	Not Required	JC\MD	Not Ok
18	BFB	BFB	VN087197.D	26 Jun 2025 16:13		JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDICC001	VSTDICC001	VN087198.D	26 Jun 2025 16:34	Method failed for com.#08	JC\MD	Ok,M
20	VSTDICC005	VSTDICC005	VN087199.D	26 Jun 2025 17:15	LR-9,14,15,16,17,18,20,37,56,58	JC\MD	Ok,M
21	VSTDICC020	VSTDICC020	VN087200.D	26 Jun 2025 17:36	QR- 49,51	JC\MD	Ok,M
22	VSTDICCC050	VSTDICCC050	VN087201.D	26 Jun 2025 17:57		JC\MD	Ok,M
23	VSTDICC100	VSTDICC100	VN087202.D	26 Jun 2025 18:18		JC\MD	Ok,M
24	VSTDICC150	VSTDICC150	VN087203.D	26 Jun 2025 18:39		JC\MD	Ok,M
25	IBLK	IBLK	VN087204.D	26 Jun 2025 18:59		JC\MD	Ok
26	VSTDICV050	ICVVN062625	VN087205.D	26 Jun 2025 19:20		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087206.D	27 Jun 2025 08:09		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087207.D	27 Jun 2025 09:38	pH#Lot#V12668	JC\MD	Ok,M
3	VN0627MBL01	VN0627MBL01	VN087208.D	27 Jun 2025 10:12		JC\MD	Ok
4	VN0627WBL01	VN0627WBL01	VN087209.D	27 Jun 2025 10:33		JC\MD	Ok
5	VN0627WBS01	VN0627WBS01	VN087210.D	27 Jun 2025 10:53		JC\MD	Ok,M
6	VN0627WBSD01	VN0627WBSD01	VN087211.D	27 Jun 2025 11:27	BSD Failed Low for com.#31,45	JC\MD	Ok,M
7	Q2399-08	EP-7	VN087212.D	27 Jun 2025 11:48	vial B pH#5.0	JC\MD	Ok
8	Q2401-01	MW2	VN087213.D	27 Jun 2025 12:08	vial B pH<2	JC\MD	Ok,M
9	Q2418-01	VAC-TRUCK-4074	VN087214.D	27 Jun 2025 12:29		JC\MD	Not Ok
10	PB168627TB	PB168627TB	VN087215.D	27 Jun 2025 12:49		JC\MD	Ok
11	Q2414-04	WC-1	VN087216.D	27 Jun 2025 13:10	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
12	Q2415-04	WC-1	VN087217.D	27 Jun 2025 13:31	vial A pH#5.0	JC\MD	Ok
13	Q2416-04	MH-G/H	VN087218.D	27 Jun 2025 13:51	vial A pH#5.0	JC\MD	Ok
14	Q2420-02	72-11933	VN087219.D	27 Jun 2025 14:12	vial A pH#5.0	JC\MD	Ok
15	Q2429-04	TP-4	VN087220.D	27 Jun 2025 14:32	vial A pH#5.0	JC\MD	Ok
16	Q2430-04	MH-E/F	VN087221.D	27 Jun 2025 14:53	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
17	IBLK	IBLK	VN087222.D	27 Jun 2025 15:14		JC\MD	Ok
18	Q2437-01	STORAGE-BLANK-SO	VN087223.D	27 Jun 2025 15:35	vial A pH<2	JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2437-02	STORAGE-BLANK-WA	VN087224.D	27 Jun 2025 15:56	vial A pH<2	JC\MD	Ok
20	Q2437-03	STORAGE-BLANK-WA	VN087225.D	27 Jun 2025 16:17	vial A pH<2	JC\MD	Ok
21	Q2437-04	STORAGE-BLANK-SA	VN087226.D	27 Jun 2025 16:38	vial A pH<2	JC\MD	Ok
22	Q2366-01	250528063-02-VOA	VN087227.D	27 Jun 2025 17:00	vial C pH#6.0	JC\MD	Ok
23	IBLK	IBLK	VN087228.D	27 Jun 2025 17:21		JC\MD	Ok
24	IBLK	IBLK	VN087229.D	27 Jun 2025 17:42		JC\MD	Ok
25	Q2418-01	VAC-TRUCK-4074	VN087230.D	27 Jun 2025 18:03	vial A pH<2 turbid sample	JC\MD	Ok
26	Q2414-04	WC-1	VN087231.D	27 Jun 2025 18:25	vial B pH#5.0	JC\MD	Ok
27	Q2430-04RE	MH-E/FRE	VN087232.D	27 Jun 2025 18:46	vial B pH#5.0 Surrogate Fail	JC\MD	Confirms
28	VSTDCCC050	VSTDCCC050EC	VN087233.D	27 Jun 2025 19:07		JC\MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. Q2401
QUOTE NO.
COC Number 2046402

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: Laurel
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Environmental P.O.#:
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

TCL VOCs + TBA MTBE

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl									← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER
1.	MW2	GW		X	6/23/25	1145	2	X									
2.																	
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.		6/23/25	6-23-25 1435
2.			
3.			

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2401 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/24/2025 7:56:23 AM
Project Name : Laurel
Receive DateTime : 6/23/2025 2:35:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : NJ HAZSITE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2401-01	MW2	Water	06/23/2025	11:45	VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : [signature]
Date / Time : 6/24/25 1115

Received By : [signature]
Date / Time : 06/24/25 11:15

Storage Area : VOA Refridgerator Room