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

Cover Page

Order ID : Q2349

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number	Client Sample Number
Q2349-01	001-WILLETS-PT-BLVD(JUNE)
Q2349-04	002-35TH-AVE(JUNE)

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

Signature : _____

Date: 6/21/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2349**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **06/21/2025**

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LAB CHRONICLE

OrderID:	Q2349	**OrderDate:**	6/18/2025 11:38:00 AM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2349-01	**001-WILLETS-PT-BLVD(JUNE)**	**Water**			**06/17/25**			**06/18/25**
			VOC-BTEX	624.1			06/25/25	
Q2349-01DL	**001-WILLETS-PT-BLVD(JUNE)DL**	**Water**			**06/17/25**			**06/18/25**
			VOC-BTEX	624.1			06/25/25	
Q2349-04	**002-35TH-AVE(JUNE)**	**Water**			**06/17/25**			**06/18/25**
			VOC-BTEX	624.1			06/25/25	
Q2349-04DL	**002-35TH-AVE(JUNE)DL**	**Water**			**06/17/25**			**06/18/25**
			VOC-BTEX	624.1			06/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2349

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001-WILLETS-PT-BLVD(JUNE)**							
Q2349-01	001-WILLETS-PT-	Water	Toluene	960	E	0.46	5.00	ug/L
Q2349-01	001-WILLETS-PT-	Water	Ethyl Benzene	1.10	J	0.56	5.00	ug/L
Q2349-01	001-WILLETS-PT-	Water	m/p-Xylenes	2.30	J	1.30	10.0	ug/L
Q2349-01	001-WILLETS-PT-	Water	o-Xylene	0.85	J	0.67	5.00	ug/L
			Total Voc :	964				
			Total Concentration:	964				
Client ID:	**001-WILLETS-PT-BLVD(JUNE)DL**							
Q2349-01DL	001-WILLETS-PT-	Water	Toluene	840	D	9.20	100	ug/L
			Total Voc :	840				
			Total Concentration:	840				
Client ID:	**002-35TH-AVE(JUNE)**							
Q2349-04	002-35TH-AVE(JU	Water	Toluene	920	E	0.46	5.00	ug/L
Q2349-04	002-35TH-AVE(JU	Water	Ethyl Benzene	0.88	J	0.56	5.00	ug/L
Q2349-04	002-35TH-AVE(JU	Water	m/p-Xylenes	2.20	J	1.30	10.0	ug/L
Q2349-04	002-35TH-AVE(JU	Water	o-Xylene	0.80	J	0.67	5.00	ug/L
			Total Voc :	924				
			Total Concentration:	924				
Client ID:	**002-35TH-AVE(JUNE)DL**							
Q2349-04DL	002-35TH-AVE(JU	Water	Toluene	790	D	9.20	100	ug/L
			Total Voc :	790				
			Total Concentration:	790				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2349

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2349-01	001-WILLETS-PT-BLVD(JUNE)	1,2-Dichloroethane-d4	30	30.3	101	91	110
		Toluene-d8	30	30.1	100	91	112
		4-Bromofluorobenzene	30	29.5	98	63	112
Q2349-01DL	001-WILLETS-PT-BLVD(JUNE)DL	1,2-Dichloroethane-d4	30	28.1	94	91	110
		Toluene-d8	30	29.0	97	91	112
		4-Bromofluorobenzene	30	28.8	96	63	112
Q2349-04	002-35TH-AVE(JUNE)	1,2-Dichloroethane-d4	30	29.4	98	91	110
		Toluene-d8	30	30.2	101	91	112
		4-Bromofluorobenzene	30	28.7	96	63	112
Q2349-04DL	002-35TH-AVE(JUNE)DL	1,2-Dichloroethane-d4	30	28.8	96	91	110
		Toluene-d8	30	29.9	99	91	112
		4-Bromofluorobenzene	30	28.5	95	63	112
VN0625WBL01	VN0625WBL01	1,2-Dichloroethane-d4	30	28.8	96	91	110
		Toluene-d8	30	29.6	99	91	112
		4-Bromofluorobenzene	30	27.4	91	63	112
VN0625WBS01	VN0625WBS01	1,2-Dichloroethane-d4	30	29.0	97	91	110
		Toluene-d8	30	28.7	96	91	112
		4-Bromofluorobenzene	30	30.8	103	63	112
VN0625WBSD0	VN0625WBSD01	1,2-Dichloroethane-d4	30	30.8	103	91	110
		Toluene-d8	30	32.2	107	91	112
		4-Bromofluorobenzene	30	33.5	112	63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2349

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VN087169.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0625WBS01	Benzene	20	18.8	ug/L	94			65	135	
	Toluene	20	17.9	ug/L	90			70	130	
	Ethyl Benzene	20	19.0	ug/L	95			60	140	
	m/p-Xylenes	40	38.3	ug/L	96			87	111	
	o-Xylene	20	18.8	ug/L	94			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2349

Client: Tully Environmental, Inc

Analytical Method: SW624.1 **Datafile :** VN087170.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0625WBSD01	Benzene	20	18.8	ug/L	94	0		65	135	20
	Toluene	20	19.5	ug/L	98	9		70	130	20
	Ethyl Benzene	20	18.5	ug/L	93	2		60	140	20
	m/p-Xylenes	40	38.7	ug/L	97	1		87	111	20
	o-Xylene	20	20.1	ug/L	101	7		87	111	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0625WBL01

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2349 SAS No.: Q2349 SDG NO.: Q2349

Lab File ID: VN087171.D Lab Sample ID: VN0625WBL01

Date Analyzed: 06/25/2025 Time Analyzed: 12:36

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
VN0625WBS01	VN0625WBS01	VN087169.D	06/25/2025
VN0625WBSD01	VN0625WBSD01	VN087170.D	06/25/2025
001-WILLETS-PT-BLVD(JUNE)	Q2349-01	VN087172.D	06/25/2025
002-35TH-AVE(JUNE)	Q2349-04	VN087173.D	06/25/2025
001-WILLETS-PT-BLVD(JUNE)DL	Q2349-01DL	VN087174.D	06/25/2025
002-35TH-AVE(JUNE)DL	Q2349-04DL	VN087175.D	06/25/2025

COMMENTS:

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2349 SAS No.: Q2349 SDG NO.: Q2349

Lab File ID: VN087161.D BFB Injection Date: 06/25/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:25

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	19.4
75	30.0 - 60.0% of mass 95	50.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	70.2
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	66.9 (95.3) 1
177	5.0 - 9.0% of mass 176	4.5 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VN087162.D	06/25/2025	08:59
VSTDICCC020	VSTDICCC020	VN087163.D	06/25/2025	09:20
VSTDICC050	VSTDICC050	VN087164.D	06/25/2025	09:41
VSTDICC100	VSTDICC100	VN087165.D	06/25/2025	10:03
VSTDICC150	VSTDICC150	VN087166.D	06/25/2025	10:24
VN0625WBS01	VN0625WBS01	VN087169.D	06/25/2025	11:41
VN0625WBSD01	VN0625WBSD01	VN087170.D	06/25/2025	12:15
VN0625WBL01	VN0625WBL01	VN087171.D	06/25/2025	12:36
001-WILLETS-PT-BLVD(JUNE)	Q2349-01	VN087172.D	06/25/2025	13:11
002-35TH-AVE(JUNE)	Q2349-04	VN087173.D	06/25/2025	13:33
001-WILLETS-PT-BLVD(JUNE)DL	Q2349-01DL	VN087174.D	06/25/2025	13:54
002-35TH-AVE(JUNE)DL	Q2349-04DL	VN087175.D	06/25/2025	14:15

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2349 SAS No.: Q2349 SDG NO.: Q2349

Lab File ID: VN087163.D Date Analyzed: 06/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:20

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	35021	7.82	196036	9.11	185687	11.87
UPPER LIMIT	70042	8.324	392072	9.606	371374	12.365
LOWER LIMIT	17510.5	7.324	98018	8.606	92843.5	11.365
EPA SAMPLE NO.						
001-WILLETS-PT-BLVD(JUNE)	35391	7.82	192737	9.11	179463	11.87
001-WILLETS-PT-BLVD(JUNE)DL	36259	7.82	194067	9.11	178157	11.87
002-35TH-AVE(JUNE)	37564	7.82	195128	9.11	182621	11.87
002-35TH-AVE(JUNE)DL	36435	7.82	187691	9.11	177573	11.87
VN0625WBL01	33553	7.82	188572	9.11	167117	11.87
VN0625WBS01	40080	7.82	221679	9.11	199254	11.87
VN0625WBSD01	37318	7.82	209203	9.11	180451	11.87

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2349 SAS No.: Q2349 SDG NO.: Q2349

Lab File ID: VN087163.D Date Analyzed: 06/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:20

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

	IS4 AREA #	RT #				
12 HOUR STD	0	0				
UPPER LIMIT	0					
LOWER LIMIT	0					
EPA SAMPLE NO.						
001-WILLETS-PT-BLVD(JUNE)	0	0.00				
001-WILLETS-PT-BLVD(JUNE)DL	0	0.00				
002-35TH-AVE(JUNE)	0	0.00				
002-35TH-AVE(JUNE)DL	0	0.00				
VN0625WBL01	0	0.00				
VN0625WBS01	0	0.00				
VN0625WBSD01	0	0.00				

IS4 =

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: **VN087172.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/17/25
Project:	Transfer Station-SPDES	Date Received:	06/18/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)	SDG No.:	Q2349
Lab Sample ID:	Q2349-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087172.D	1		06/25/25 13:11	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	960	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	1.10	J	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	2.30	J	1.30	10.0	ug/L
95-47-6	o-Xylene	0.85	J	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.3		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.5		63 - 112	98%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	35400	7.824			
540-36-3	1,4-Difluorobenzene	193000	9.106			
3114-55-4	Chlorobenzene-d5	179000	11.865			

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\VN062525\
Data File : VN087172.D
Acq On : 25 Jun 2025 13:11
Operator : JC\MD
Sample : Q2349-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 15:31:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	35391	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	192737	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	179463	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	80767	30.289	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.967%			
60) 4-Bromofluorobenzene	12.853	95	81723	29.510	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.367%			
63) Toluene-d8	10.571	98	242100	30.045	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.167%			
Target Compounds						Qvalue
15) Acetone	4.442	58	178007	389.050	ug/l	88
16) Carbon Disulfide	4.742	76	29730m	4.743	ug/l	
30) 2-Butanone	7.494	43	271947	134.201	ug/l	100
58) 4-Methyl-2-Pentanone	10.453	43	23149	6.416	ug/l	95
62) Toluene	10.635	91	9772413	964.150	ug/l	97
66) Ethyl Benzene	11.965	91	12071	1.088	ug/l	100
67) m/p-Xylenes	12.065	106	9844	2.316	ug/l	96
68) o-Xylene	12.400	106	3457	0.852	ug/l	87
76) 1,3,5-Trimethylbenzene	13.176	105	2508	0.305	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	7955	0.963	ug/l	98
82) p-Isopropyltoluene	13.729	119	102396	12.245	ug/l	98

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

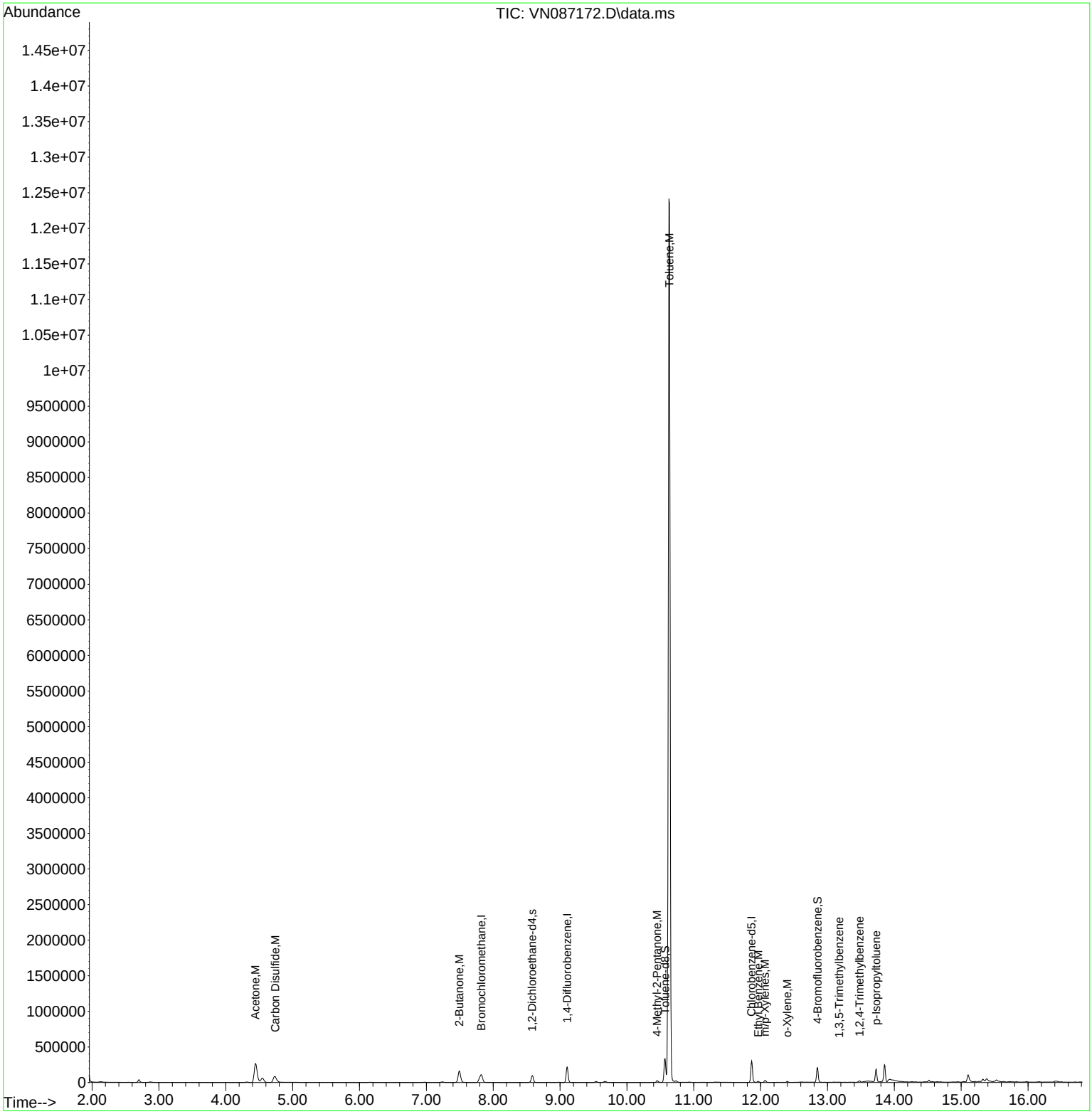
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087172.D
Acq On : 25 Jun 2025 13:11
Operator : JC\MD
Sample : Q2349-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

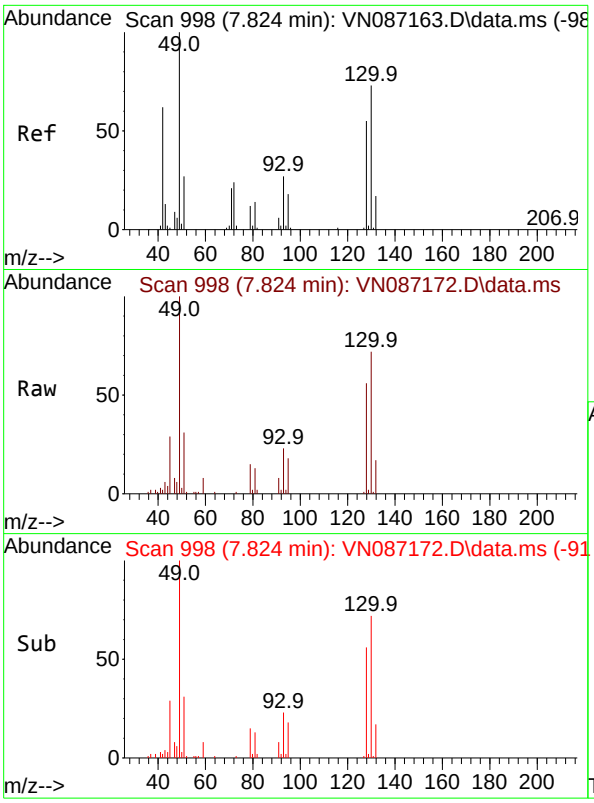
Quant Time: Jun 25 15:31:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

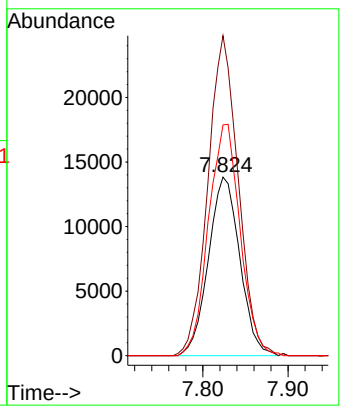




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:128 Resp: 3539

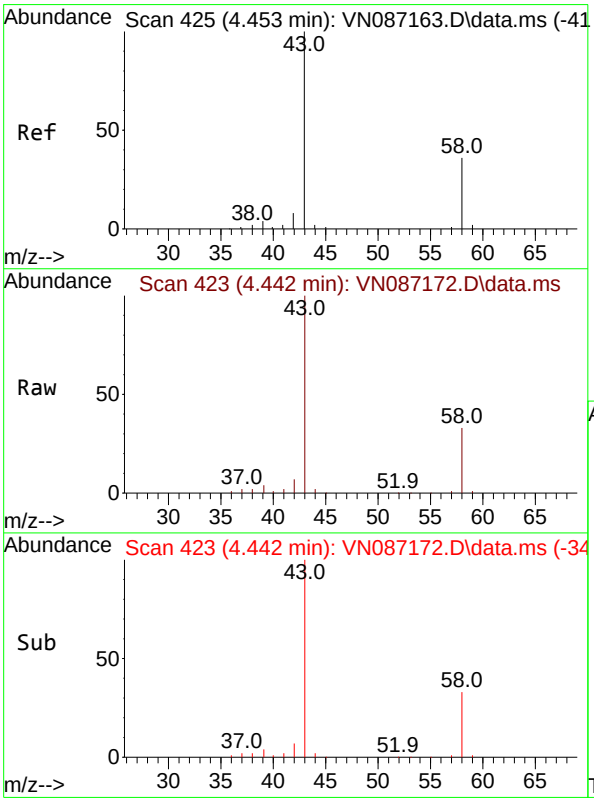
Ion	Ratio	Lower	Upper
128	100		
49	173.2	0.0	450.5
130	130.9	0.0	320.7



Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
APPROVED

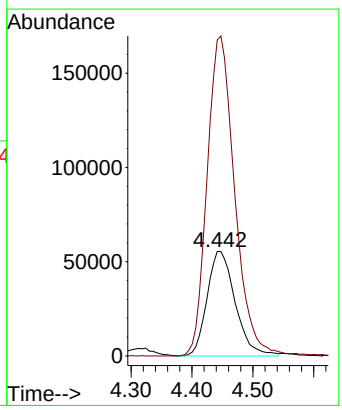
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

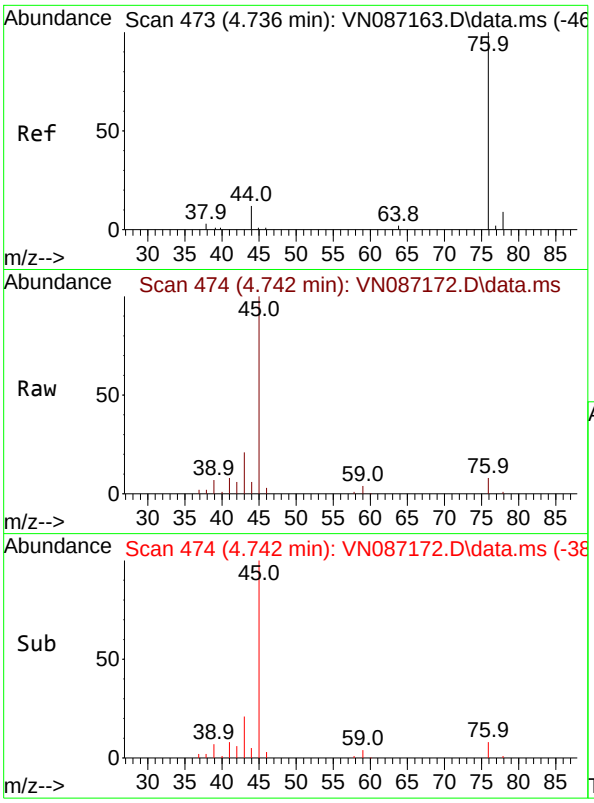


#15
Acetone
Concen: 389.050 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.012 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 58 Resp: 178007

Ion	Ratio	Lower	Upper
58	100		
43	302.5	224.3	336.5





#16
Carbon Disulfide
Concen: 4.743 ug/l m
RT: 4.742 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 76 Resp: 2973

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8

Instrument :
MSVOA_N
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001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
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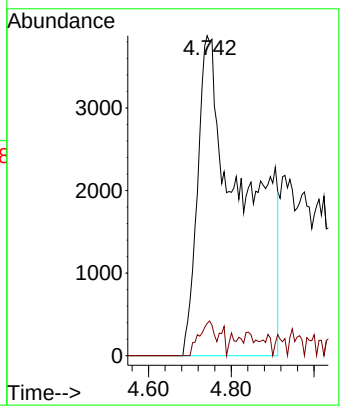
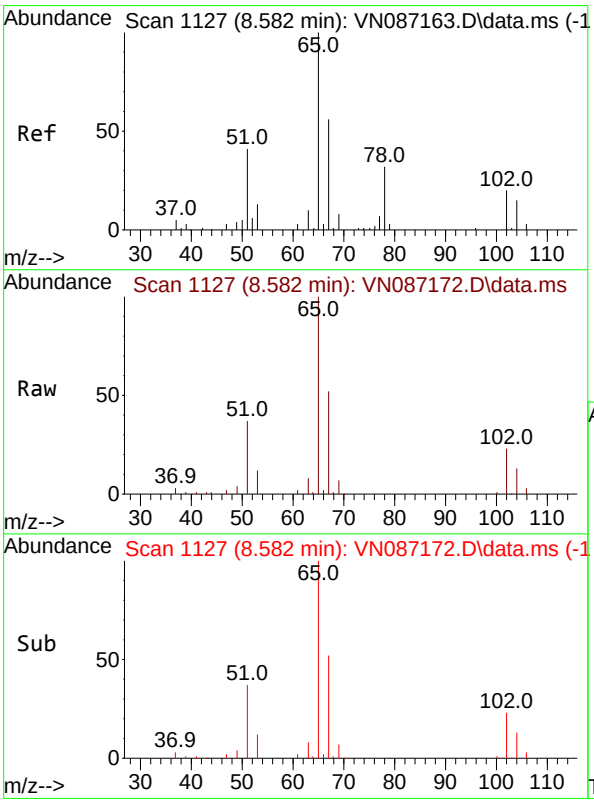
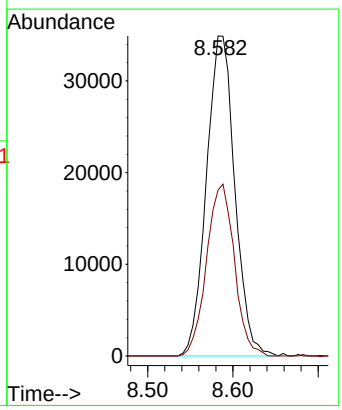


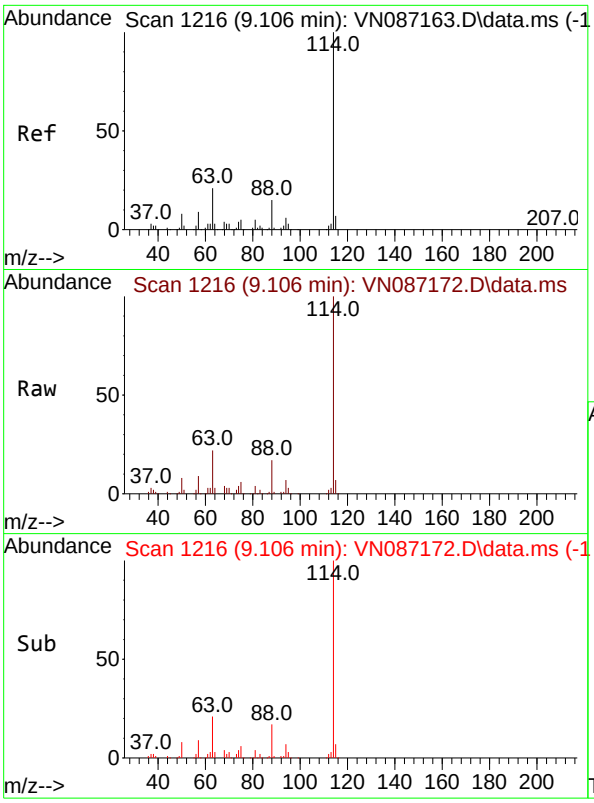


#27
1,2-Dichloroethane-d4
Concen: 30.289 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 65 Resp: 80767

Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.9	62.9





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:114 Resp: 19273

Ion	Ratio	Lower	Upper
114	100		
63	21.0	17.0	25.4
88	16.0	12.6	19.0

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
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Reviewed By :John Carlone 06/25/2025
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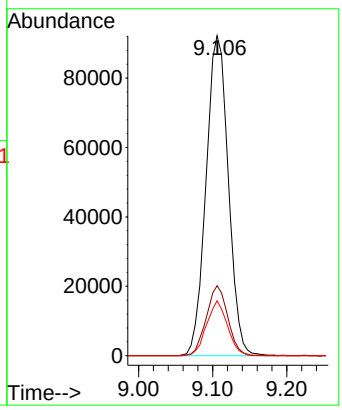
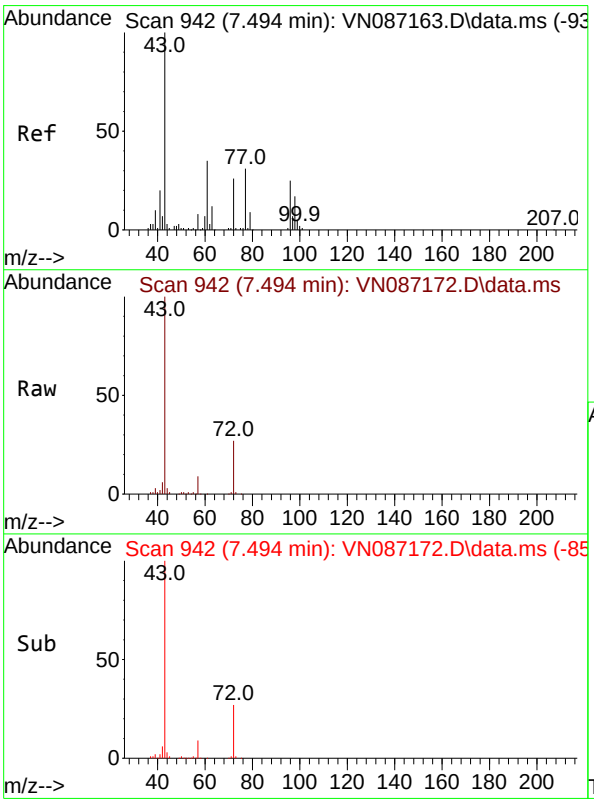
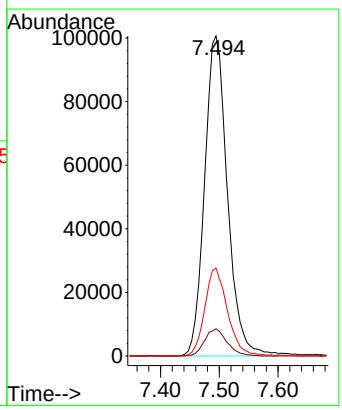


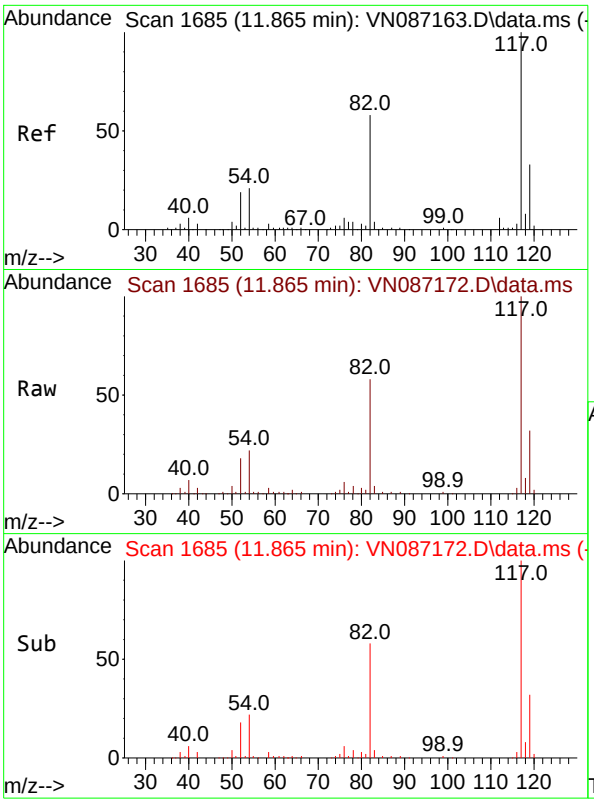


#30
2-Butanone
Concen: 134.201 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 43 Resp: 271947

Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.3	9.5
72	27.2	21.8	32.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:117 Resp: 17946

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.4	68.2
119	32.1	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
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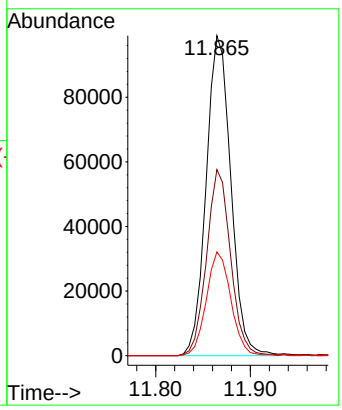
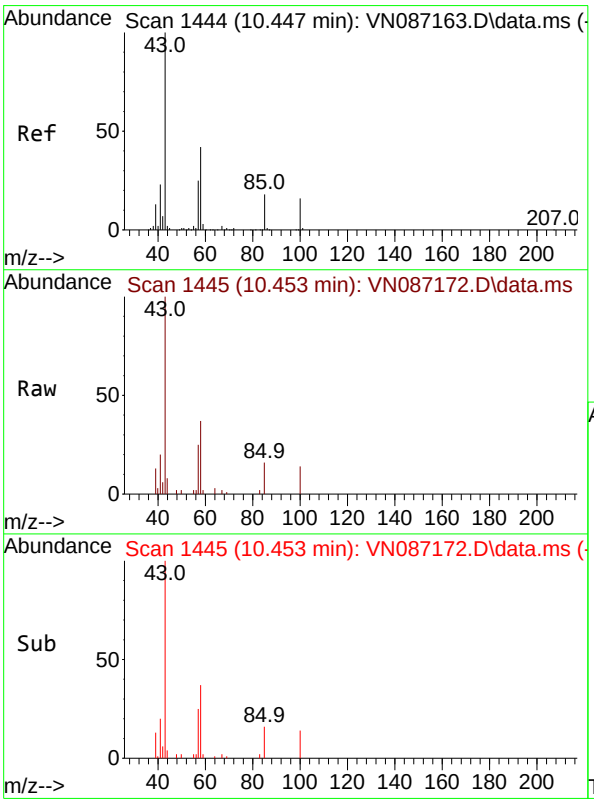
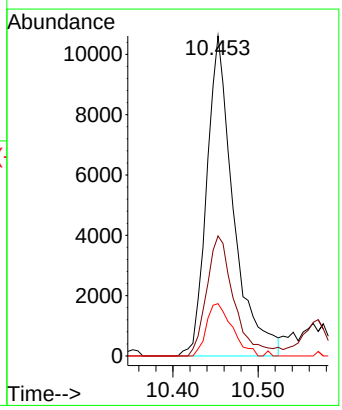


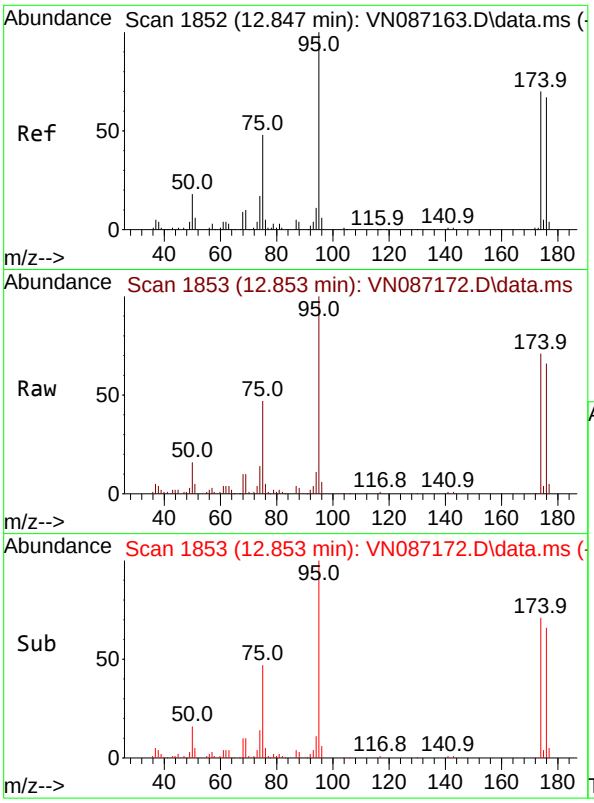


#58
4-Methyl-2-Pentanone
Concen: 6.416 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 43 Resp: 23149

Ion	Ratio	Lower	Upper
43	100		
58	38.2	32.6	49.0
85	15.4	14.6	22.0

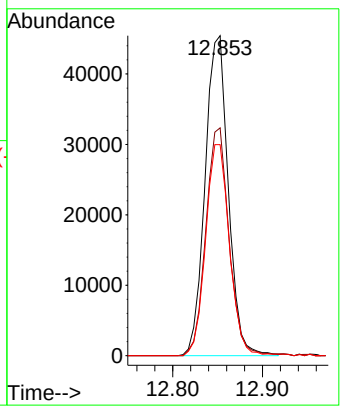




#60
4-Bromofluorobenzene
Concen: 29.510 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 95 Resp: 8172

Ion	Ratio	Lower	Upper
95	100		
174	71.2	54.5	81.7
176	67.2	51.9	77.9



Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
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Reviewed By :John Carlone 06/25/2025
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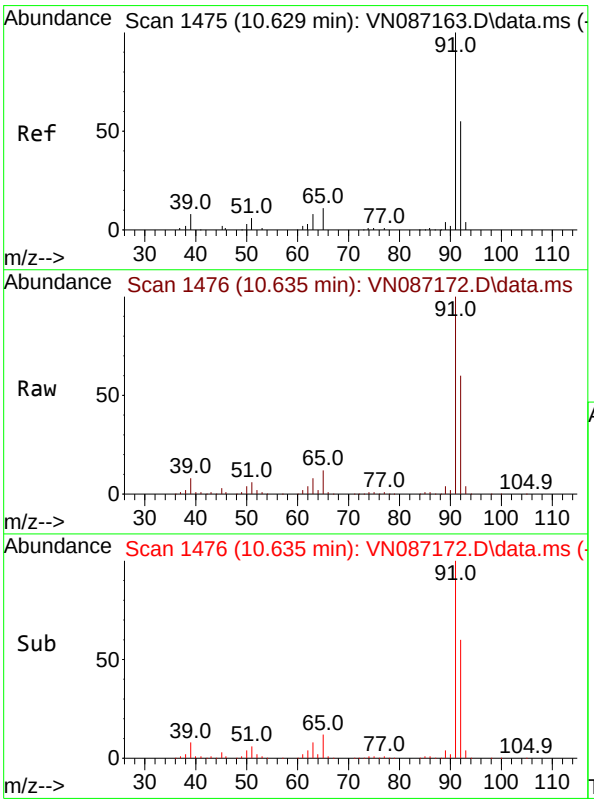
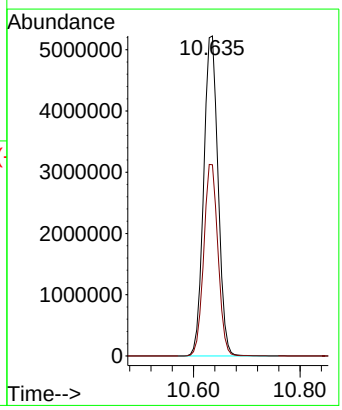
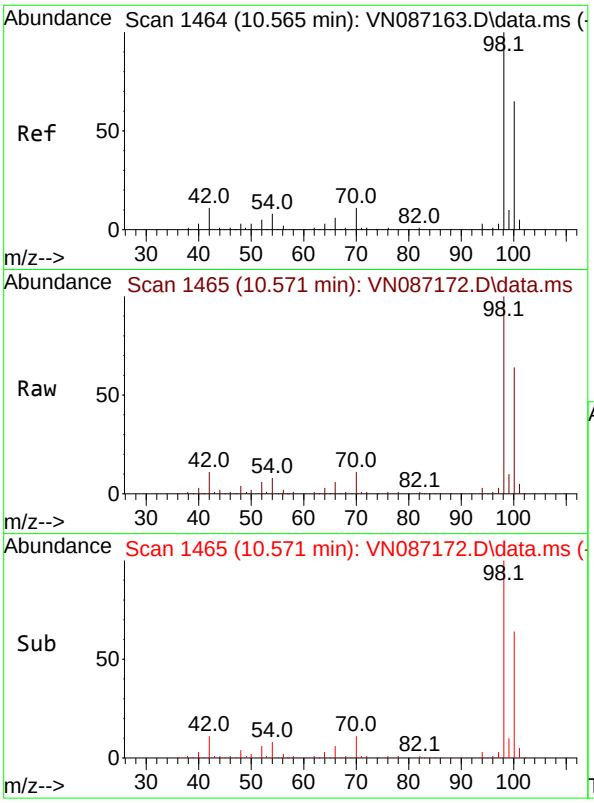


#62
Toluene
Concen: 964.150 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 91 Resp: 9772413

Ion	Ratio	Lower	Upper
91	100		
92	59.2	45.8	68.8





#63
Toluene-d8
Concen: 30.045 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 98 Resp: 24210

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
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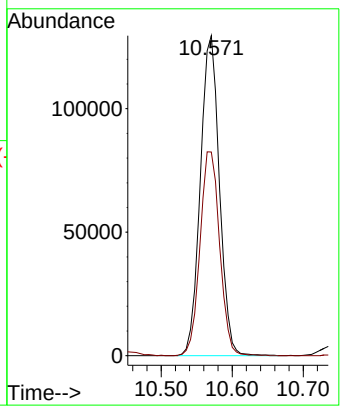
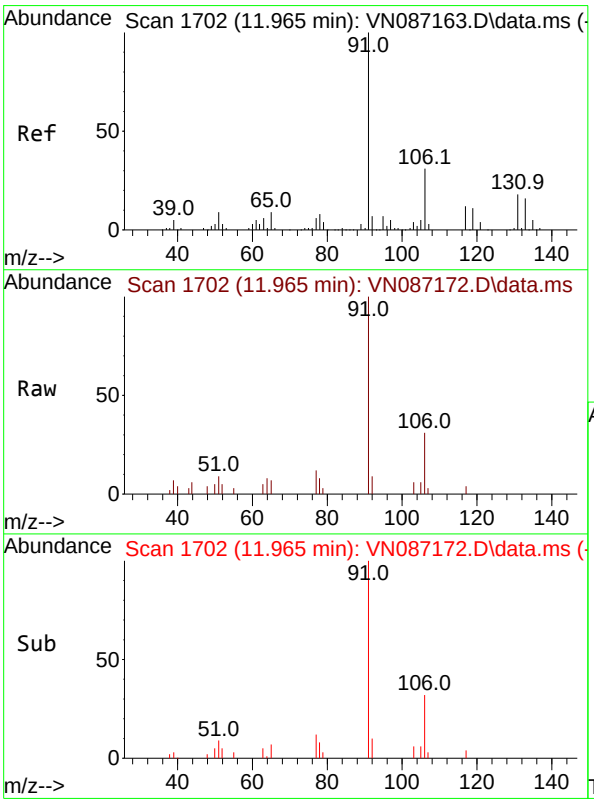
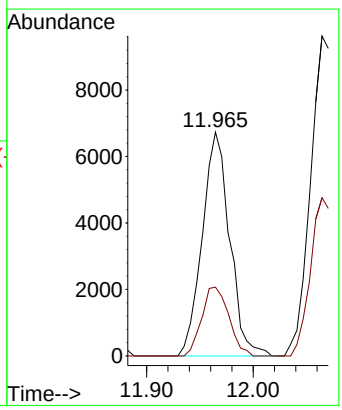


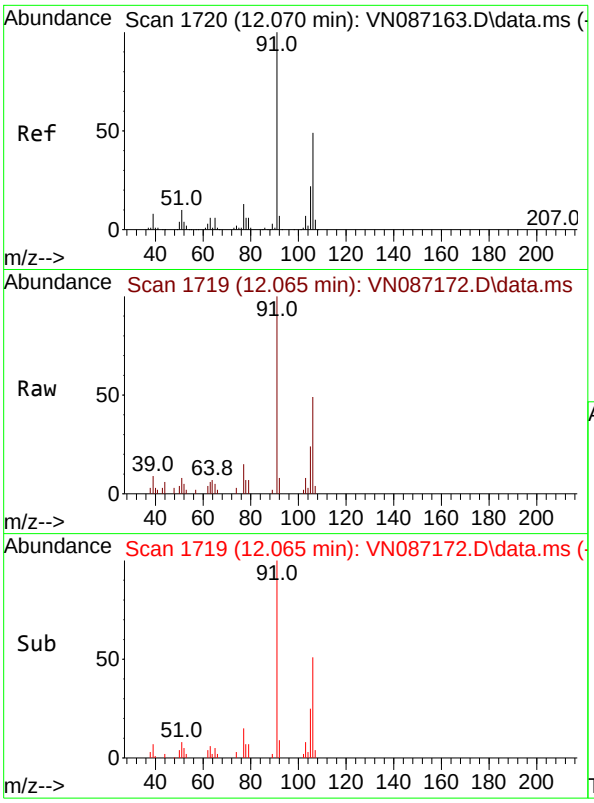


#66
Ethyl Benzene
Concen: 1.088 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion: 91 Resp: 12071

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.8	37.2





#67
m/p-Xylenes
Concen: 2.316 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:106 Resp: 984

Ion	Ratio	Lower	Upper
106	100		
91	198.0	163.0	244.4

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
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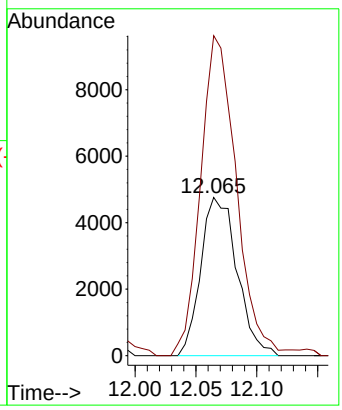
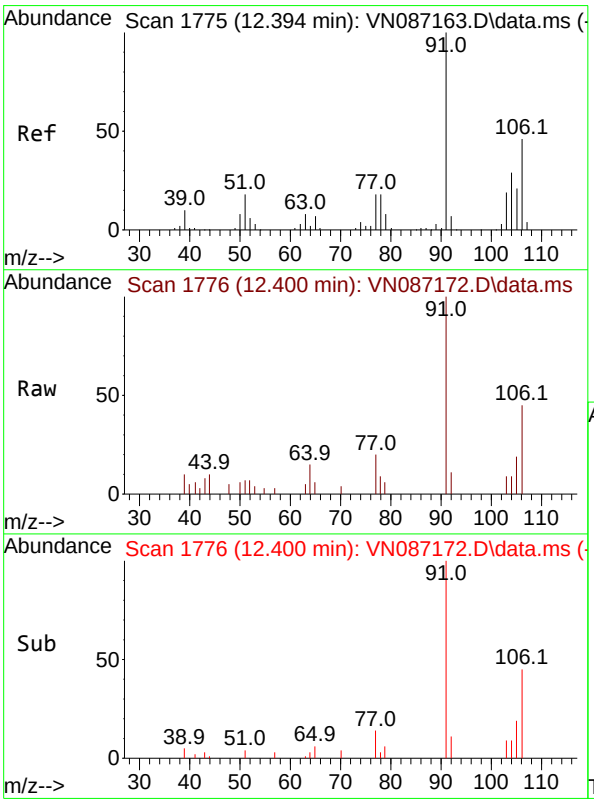
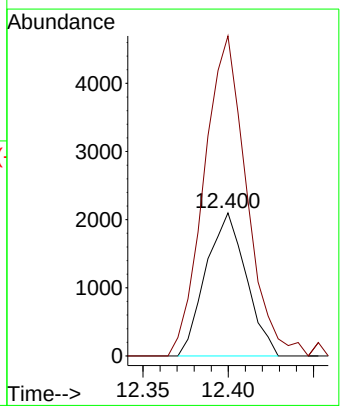


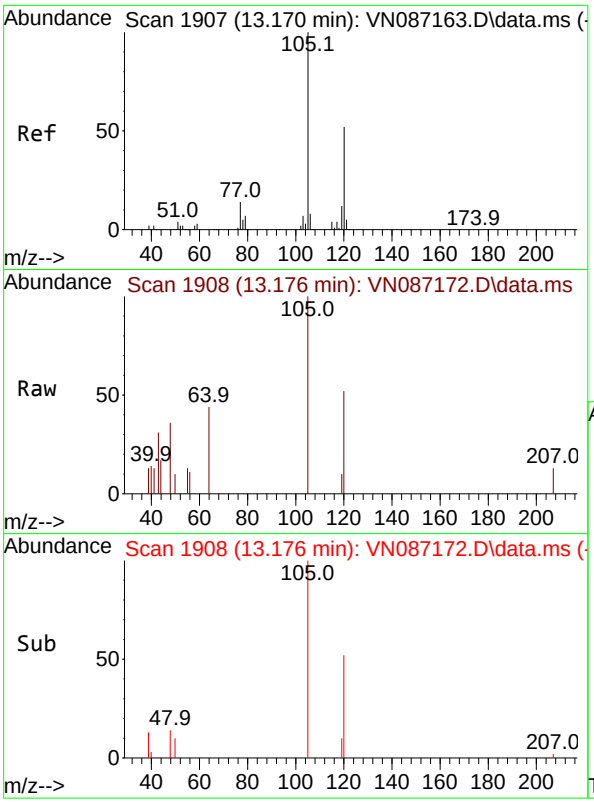


#68
o-Xylene
Concen: 0.852 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:106 Resp: 3457

Ion	Ratio	Lower	Upper
106	100		
91	234.2	107.1	321.1





#76
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:105 Resp: 250

Ion	Ratio	Lower	Upper
105	100		
120	50.3	0.0	100.8

Instrument :
MSVOA_N
ClientSampleId :
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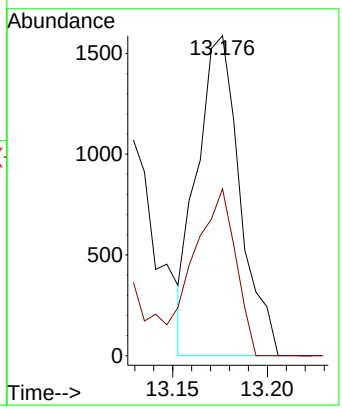
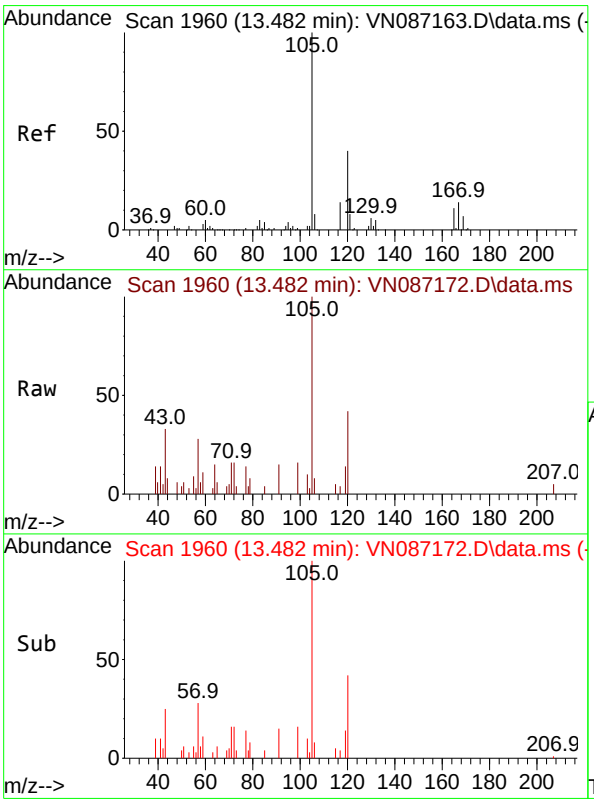
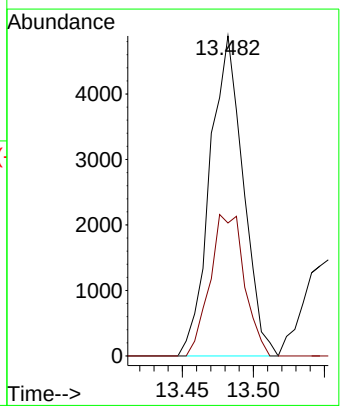


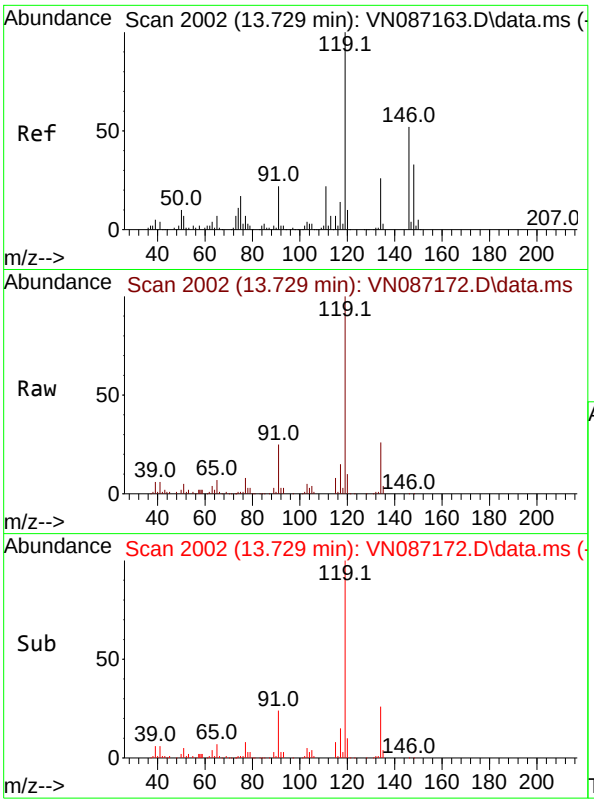


#80
1,2,4-Trimethylbenzene
Concen: 0.963 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:105 Resp: 7955

Ion	Ratio	Lower	Upper
105	100		
120	45.7	0.0	94.0

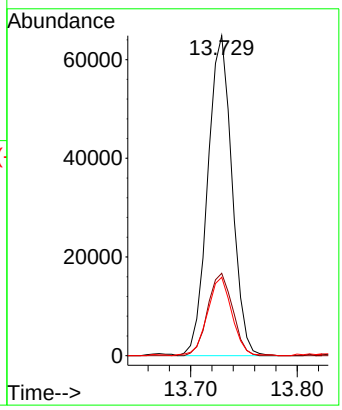




#82
p-Isopropyltoluene
Concen: 12.245 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087172.D
Acq: 25 Jun 2025 13:11

Tgt Ion:119 Resp: 10239

Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	51.2
91	24.8	0.0	46.4



Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Raw Data: **VN087174.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/17/25
Project:	Transfer Station-SPDES	Date Received:	06/18/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)DL	SDG No.:	Q2349
Lab Sample ID:	Q2349-01DL	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087174.D	20		06/25/25 13:54	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	9.00	UD	9.00	100	ug/L
108-88-3	Toluene	840	D	9.20	100	ug/L
100-41-4	Ethyl Benzene	11.2	UD	11.2	100	ug/L
179601-23-1	m/p-Xylenes	26.0	UD	26.0	200	ug/L
95-47-6	o-Xylene	13.4	UD	13.4	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.1		91 - 110	94%	SPK: 30
2037-26-5	Toluene-d8	29.0		91 - 112	97%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.8		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	36300	7.824			
540-36-3	1,4-Difluorobenzene	194000	9.106			
3114-55-4	Chlorobenzene-d5	178000	11.865			

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\VN062525\
Data File : VN087174.D
Acq On : 25 Jun 2025 13:54
Operator : JC\MD
Sample : Q2349-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Jun 25 15:31:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

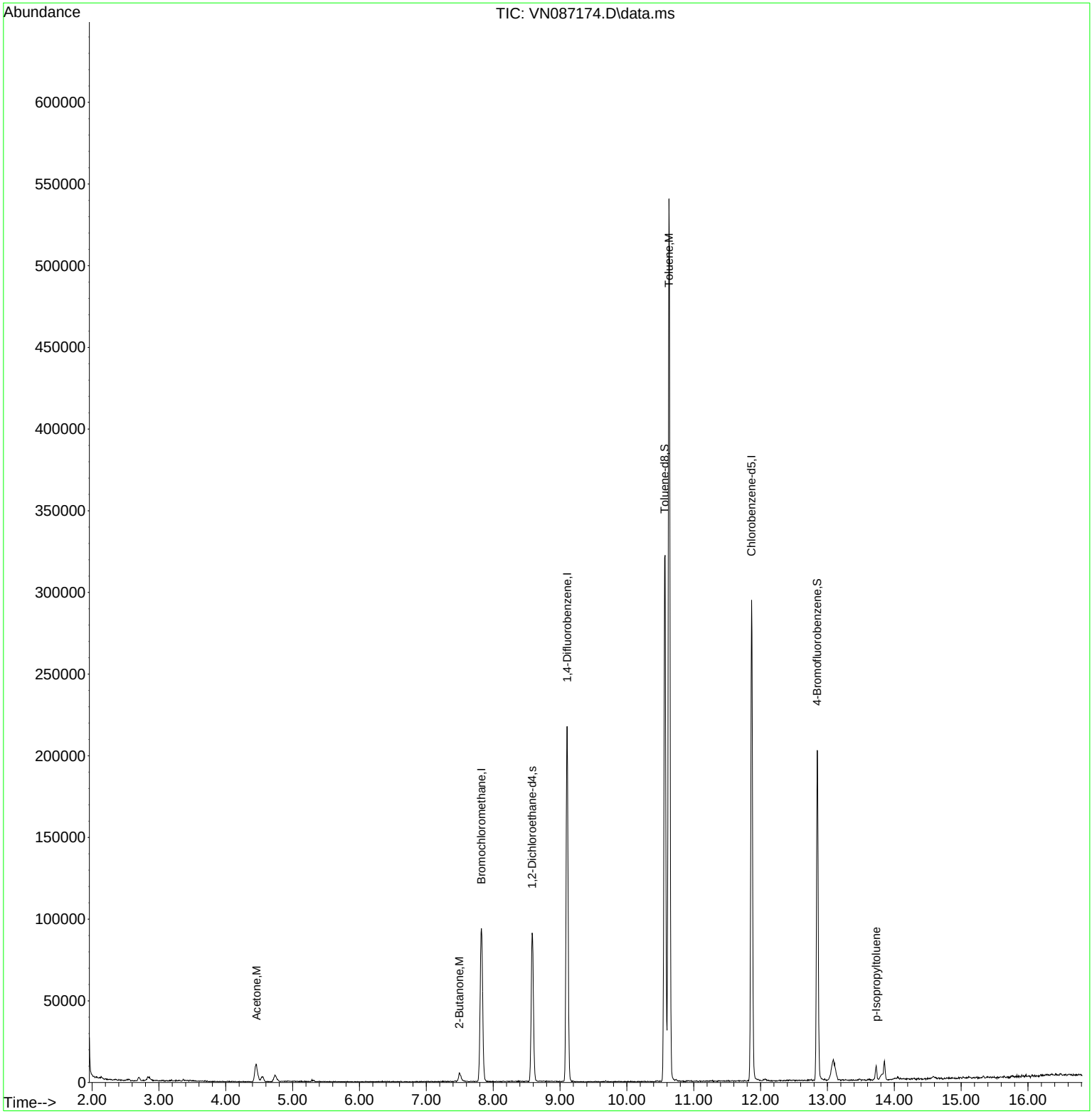
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	36259	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	194067	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	178157	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	76877	28.140	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 93.800%			
60) 4-Bromofluorobenzene	12.847	95	79063	28.759	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.867%			
63) Toluene-d8	10.565	98	231690	28.964	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.533%			
Target Compounds						Qvalue
15) Acetone	4.459	58	7024	14.984	ug/l	88
30) 2-Butanone	7.494	43	9517	4.664	ug/l #	83
62) Toluene	10.630	91	424159	42.154	ug/l	99
82) p-Isopropyltoluene	13.729	119	5347	0.644	ug/l	98

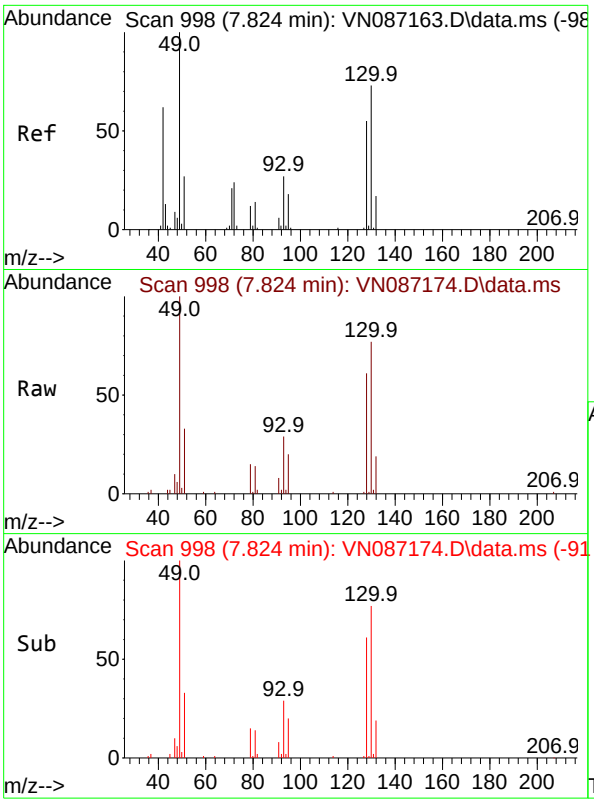
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087174.D
Acq On : 25 Jun 2025 13:54
Operator : JC\MD
Sample : Q2349-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Jun 25 15:31:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration



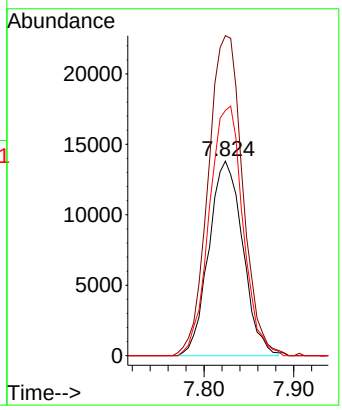


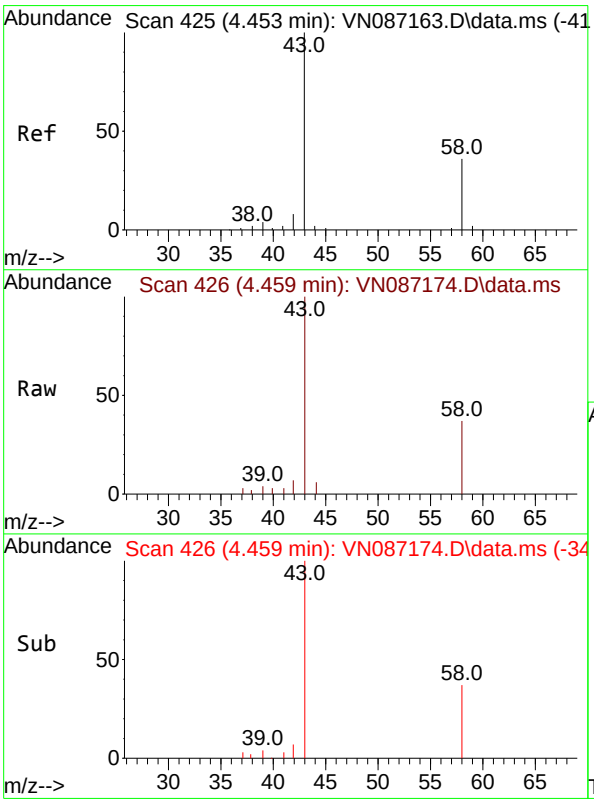
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion:128 Resp: 36259

Ion	Ratio	Lower	Upper
128	100		
49	167.1	0.0	450.5
130	127.5	0.0	320.7

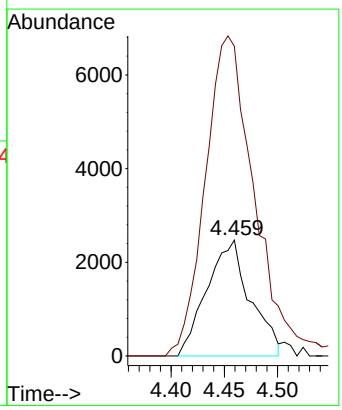


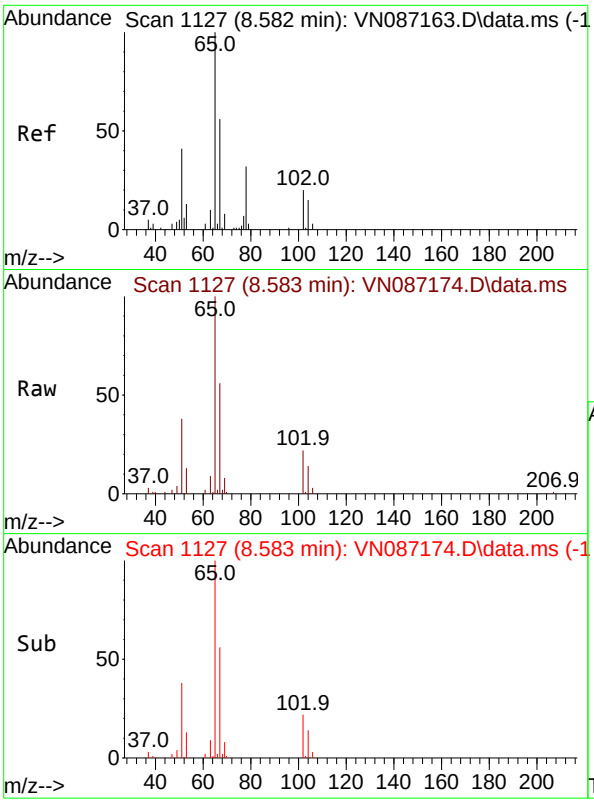


#15
Acetone
Concen: 14.984 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 58 Resp: 7024

Ion	Ratio	Lower	Upper
58	100		
43	257.4	224.3	336.5



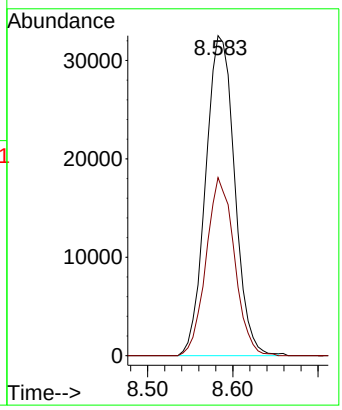


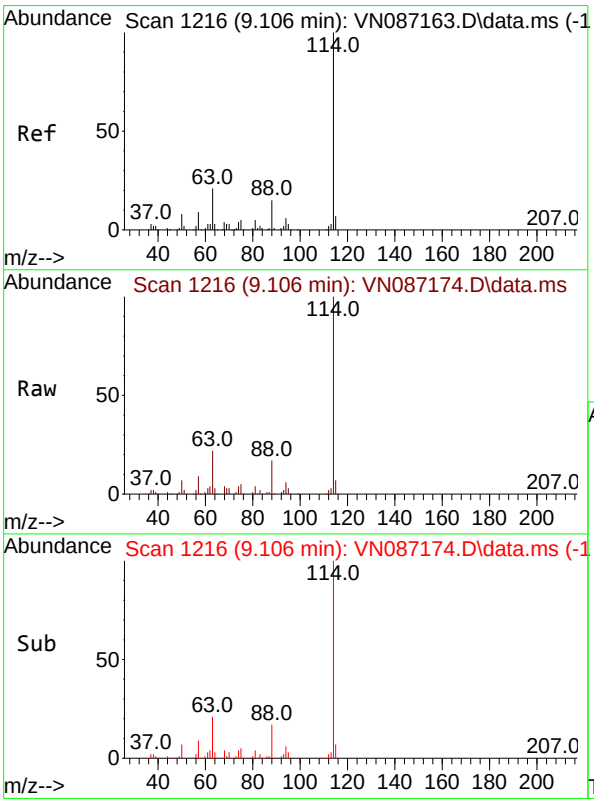
#27
1,2-Dichloroethane-d4
Concen: 28.140 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 65 Resp: 76877

Ion	Ratio	Lower	Upper
65	100		
67	54.2	41.9	62.9

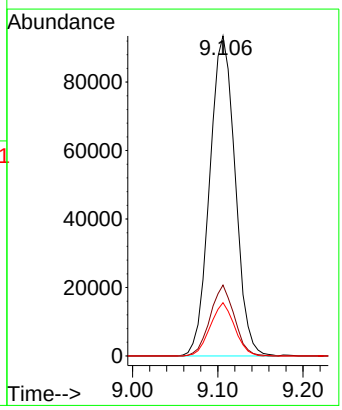


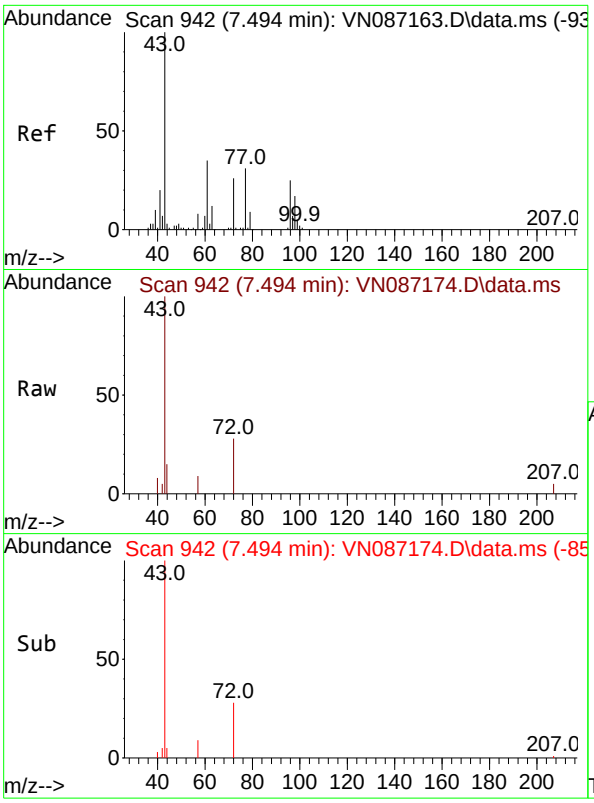


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion:114 Resp: 194067

Ion	Ratio	Lower	Upper
114	100		
63	21.0	17.0	25.4
88	15.9	12.6	19.0



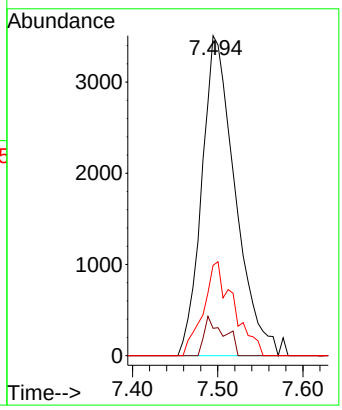


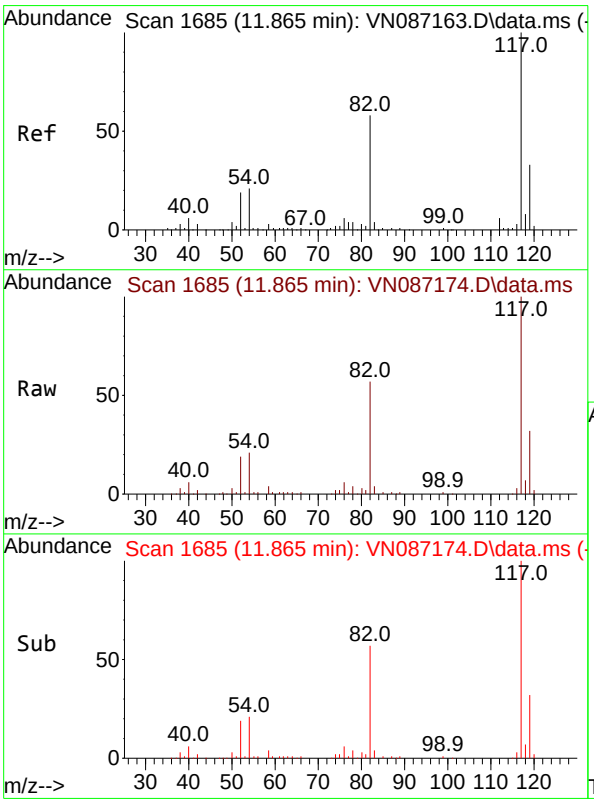
#30
2-Butanone
Concen: 4.664 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 43 Resp: 9517

Ion	Ratio	Lower	Upper
43	100		
57	5.3	6.3	9.5#
72	16.9	21.8	32.6#

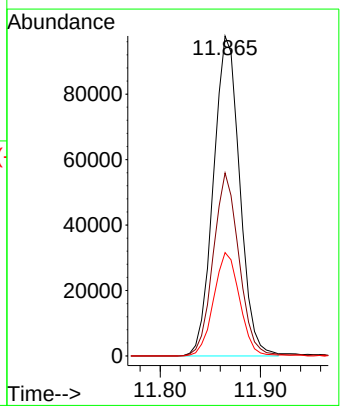


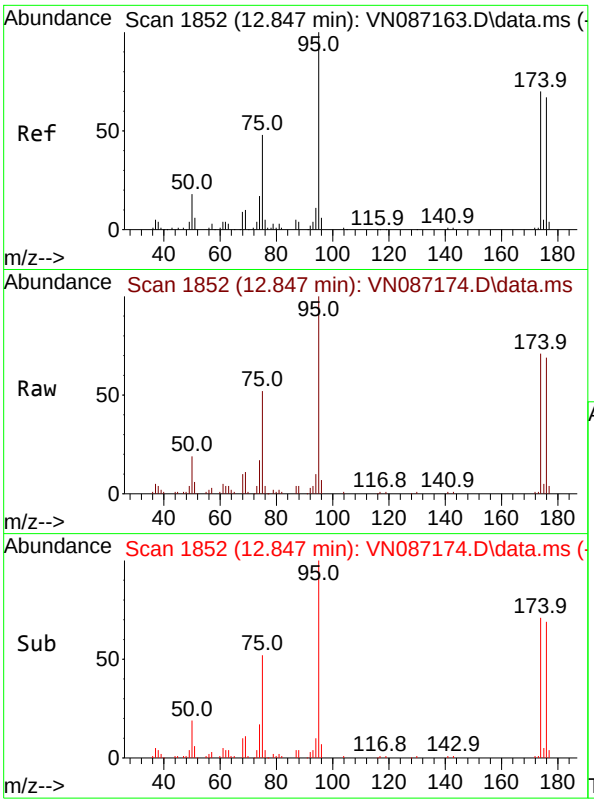


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion:117 Resp: 178157

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.2
119	32.0	26.2	39.4



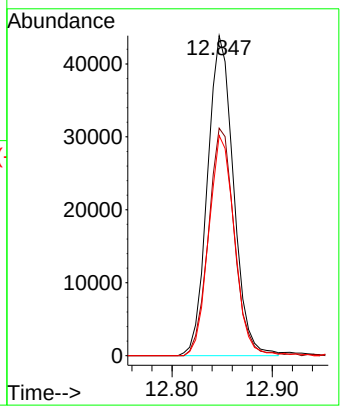


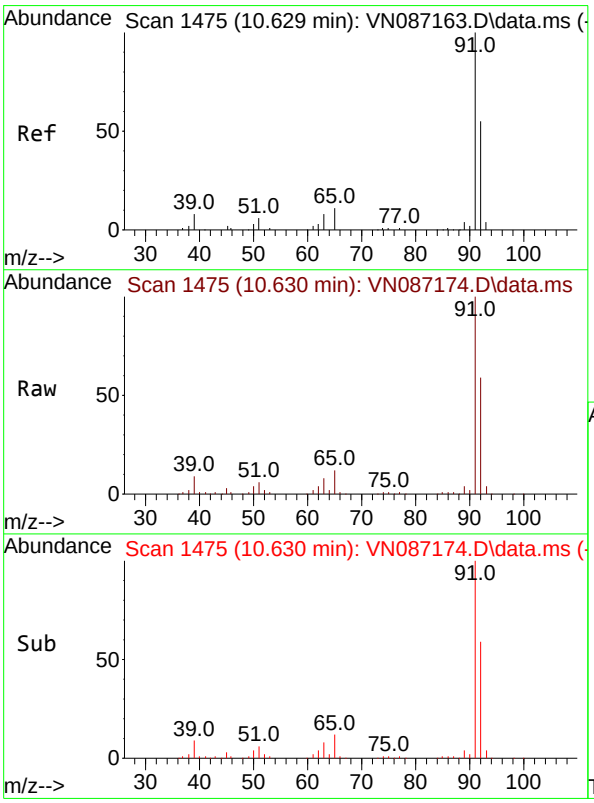
#60
4-Bromofluorobenzene
Concen: 28.759 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 95 Resp: 79063

Ion	Ratio	Lower	Upper
95	100		
174	70.8	54.5	81.7
176	68.2	51.9	77.9

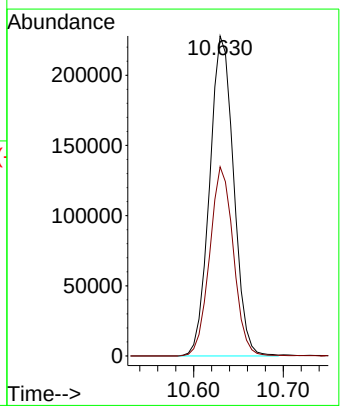


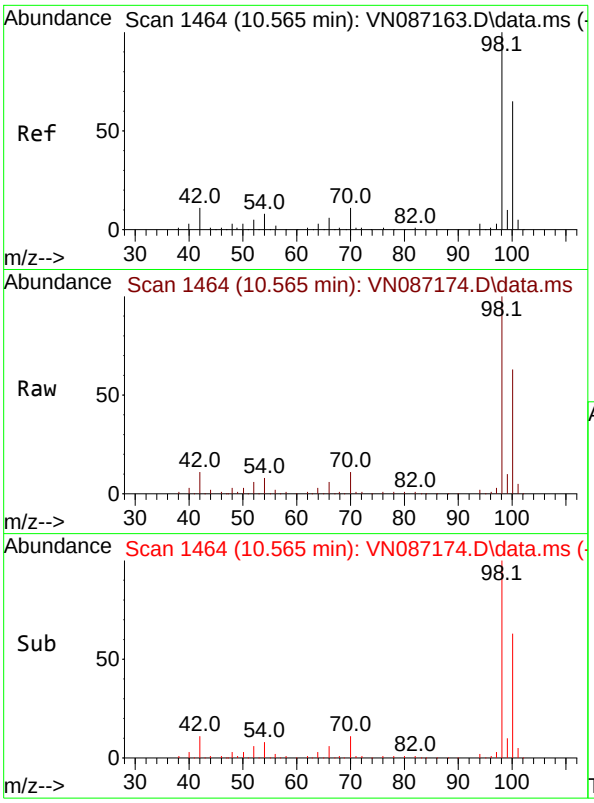


#62
Toluene
Concen: 42.154 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 91 Resp: 424159

Ion	Ratio	Lower	Upper
91	100		
92	58.3	45.8	68.8



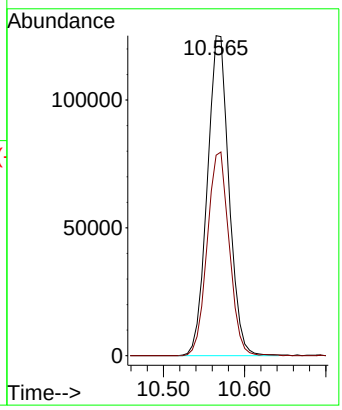


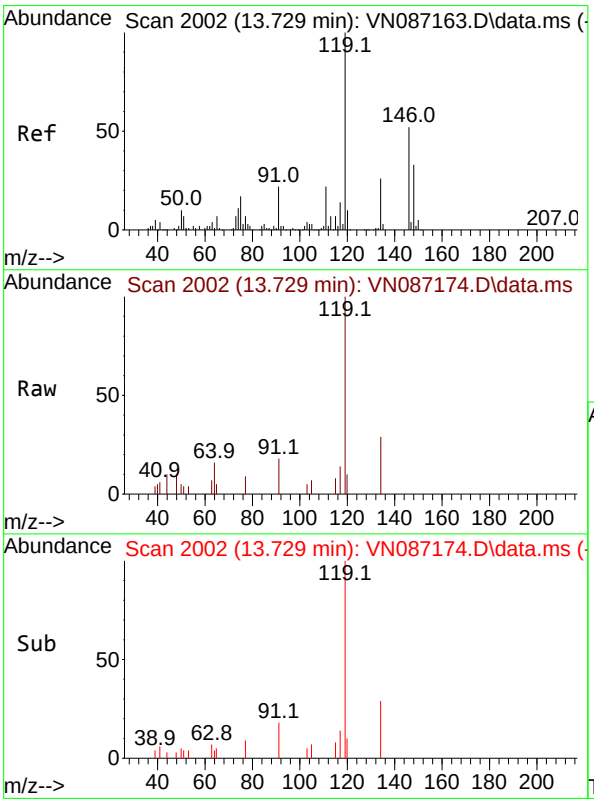
#63
Toluene-d8
Concen: 28.964 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 98 Resp: 231690

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.5	78.7

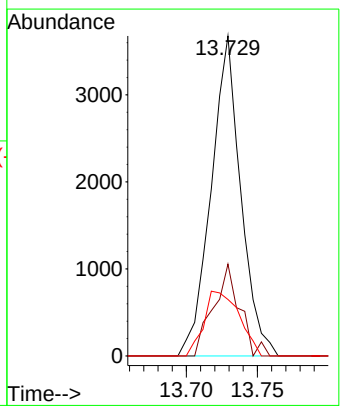




#82
p-Isopropyltoluene
Concen: 0.644 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion:119 Resp: 5347

Ion	Ratio	Lower	Upper
119	100		
134	24.3	0.0	51.2
91	24.1	0.0	46.4



Raw Data: **VN087173.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/17/25
Project:	Transfer Station-SPDES	Date Received:	06/18/25
Client Sample ID:	002-35TH-AVE(JUNE)	SDG No.:	Q2349
Lab Sample ID:	Q2349-04	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087173.D	1		06/25/25 13:33	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	920	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.88	J	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	2.20	J	1.30	10.0	ug/L
95-47-6	o-Xylene	0.80	J	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.4		91 - 110	98%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.7		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	37600	7.824			
540-36-3	1,4-Difluorobenzene	195000	9.106			
3114-55-4	Chlorobenzene-d5	183000	11.865			

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\VN062525\
Data File : VN087173.D
Acq On : 25 Jun 2025 13:33
Operator : JC\MD
Sample : Q2349-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Quant Time: Jun 25 15:31:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	37564	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	195128	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	182621	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	83160	29.382	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.933%			
60) 4-Bromofluorobenzene	12.847	95	80783	28.666	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.567%			
63) Toluene-d8	10.571	98	247262	30.155	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.533%			
Target Compounds						Qvalue
15) Acetone	4.448	58	169407	348.836	ug/l	89
16) Carbon Disulfide	4.736	76	10663	1.603	ug/l	95
30) 2-Butanone	7.494	43	245460	119.646	ug/l	100
58) 4-Methyl-2-Pentanone	10.453	43	22458	6.117	ug/l	95
62) Toluene	10.630	91	9499318	920.999	ug/l	97
66) Ethyl Benzene	11.965	91	9939	0.880	ug/l	96
67) m/p-Xylenes	12.065	106	9684	2.239	ug/l	90
68) o-Xylene	12.394	106	3297	0.799	ug/l	96
76) 1,3,5-Trimethylbenzene	13.171	105	2389	0.285	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	7682	0.914	ug/l	95
82) p-Isopropyltoluene	13.729	119	104798	12.315	ug/l	99

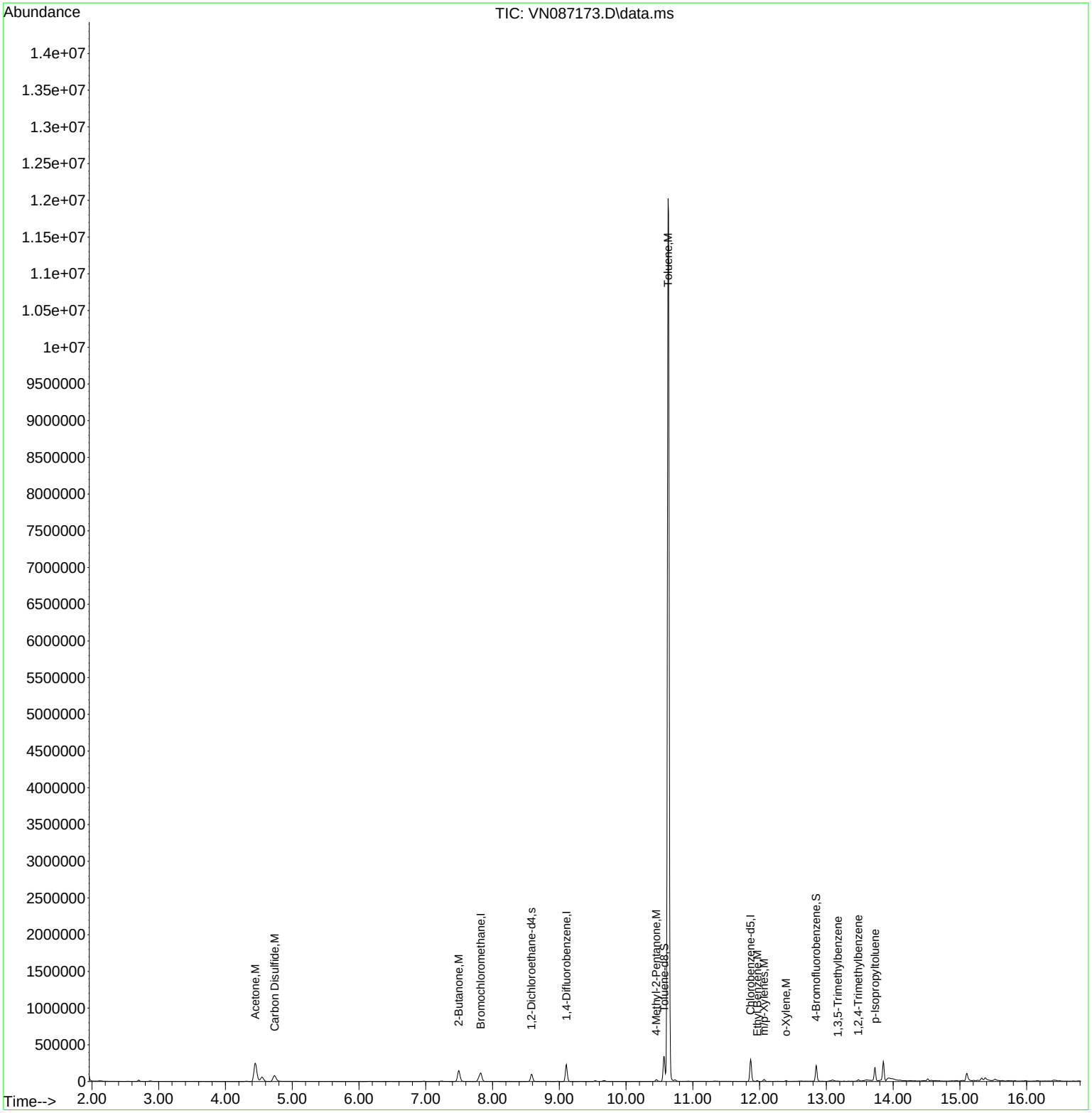
(#) = qualifier out of range (m) = manual integration (+) = signals summed

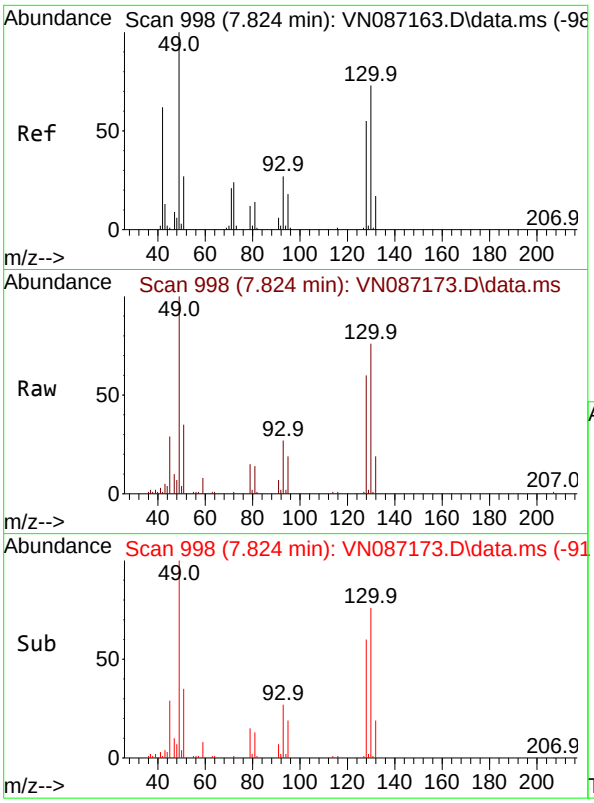
Sample Results: **VN087173.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087173.D
Acq On : 25 Jun 2025 13:33
Operator : JC\MD
Sample : Q2349-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Quant Time: Jun 25 15:31:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration



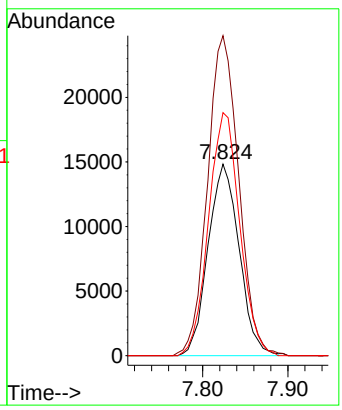


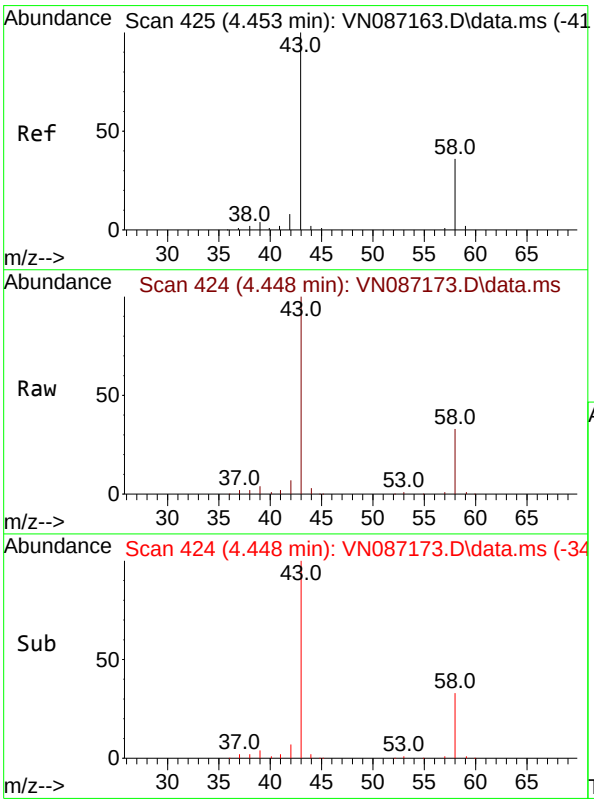
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:128 Resp: 37564

Ion	Ratio	Lower	Upper
128	100		
49	167.9	0.0	450.5
130	127.6	0.0	320.7

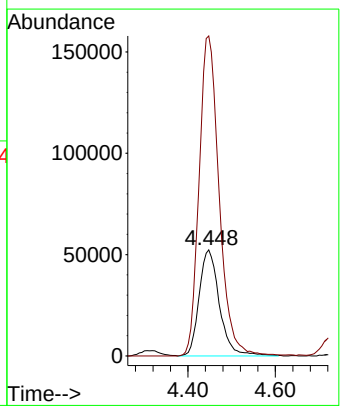


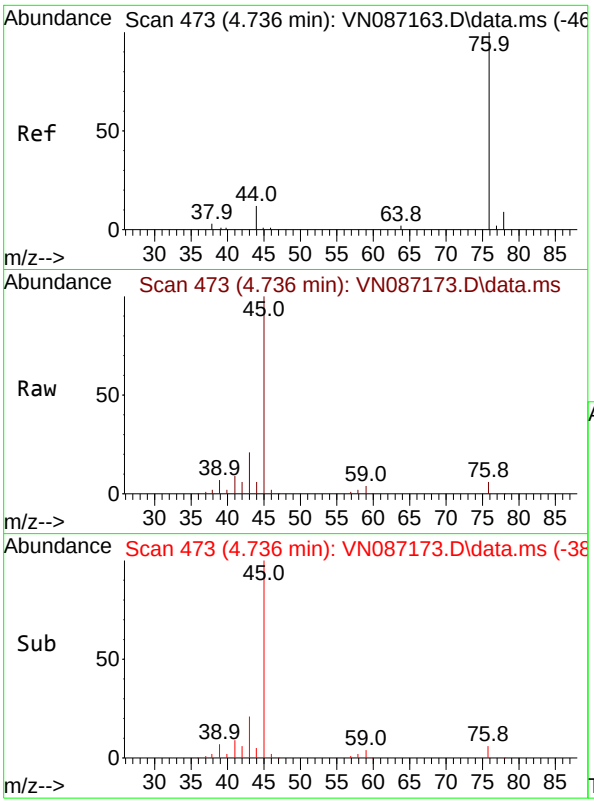


#15
Acetone
Concen: 348.836 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 58 Resp: 169407

Ion	Ratio	Lower	Upper
58	100		
43	301.5	224.3	336.5



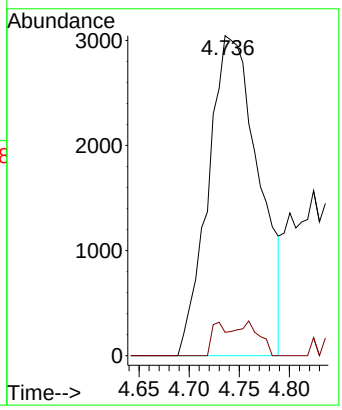


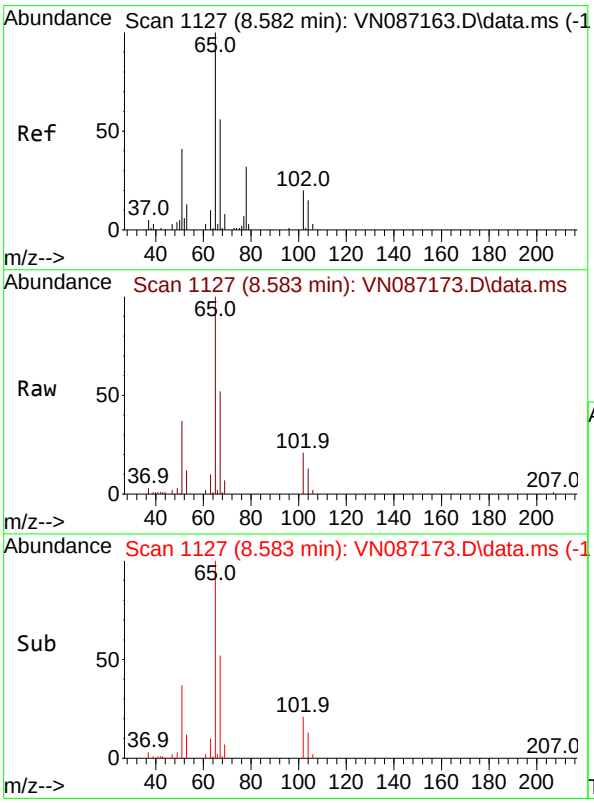
#16
Carbon Disulfide
Concen: 1.603 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion: 76 Resp: 10663

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.2	10.8

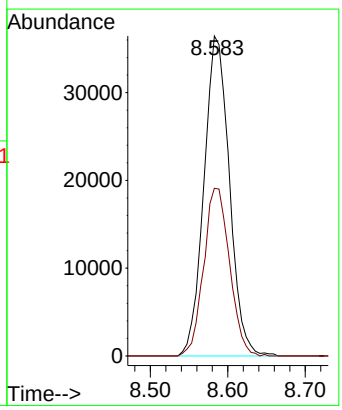


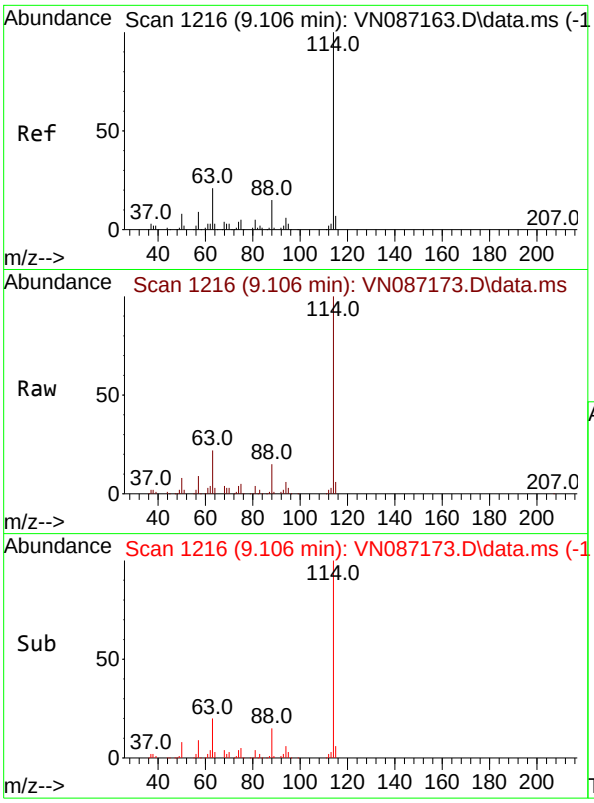


#27
1,2-Dichloroethane-d4
Concen: 29.382 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 65 Resp: 83160

Ion	Ratio	Lower	Upper
65	100		
67	53.3	41.9	62.9



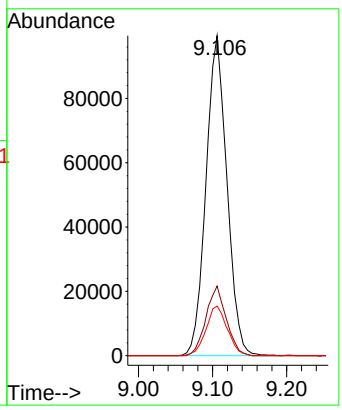


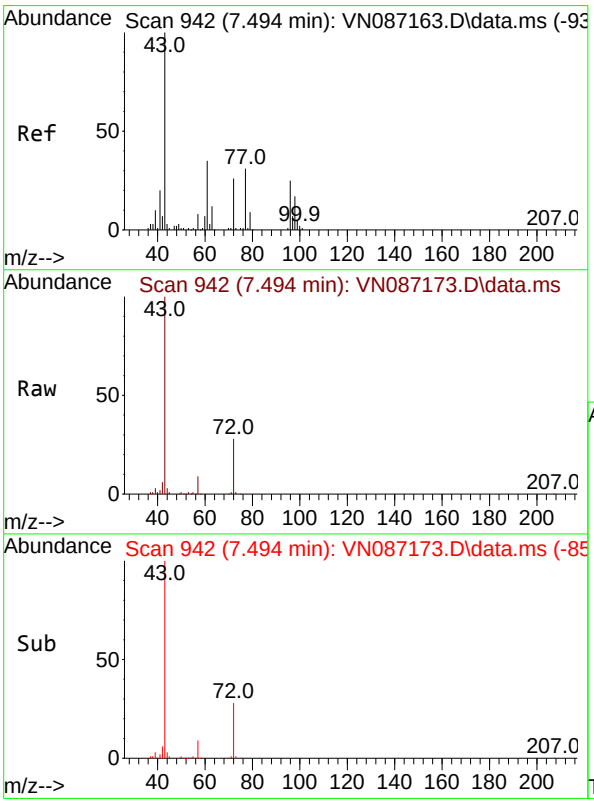
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:114 Resp: 195128

Ion	Ratio	Lower	Upper
114	100		
63	21.1	17.0	25.4
88	15.8	12.6	19.0

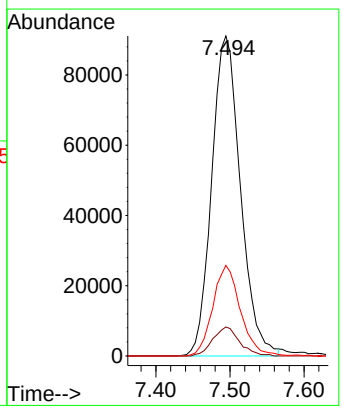


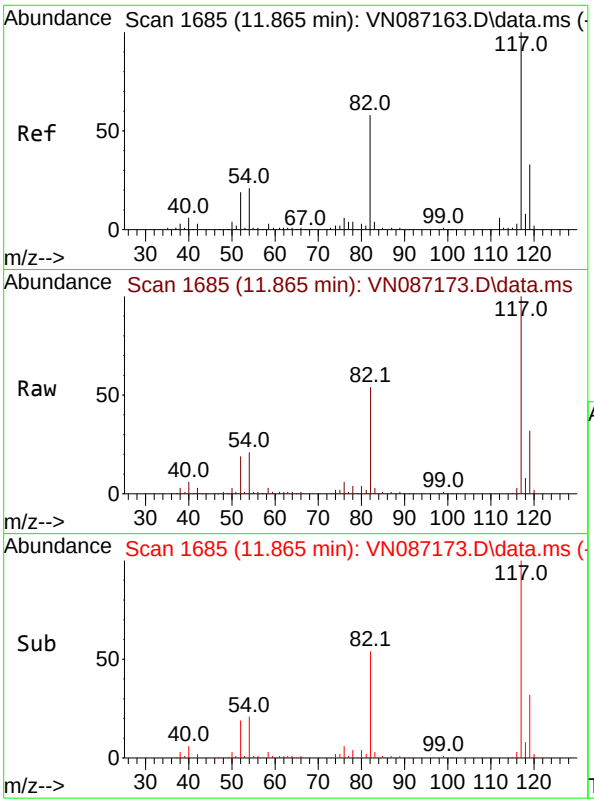


#30
2-Butanone
Concen: 119.646 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 43 Resp: 245460

Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.3	9.5
72	27.1	21.8	32.6



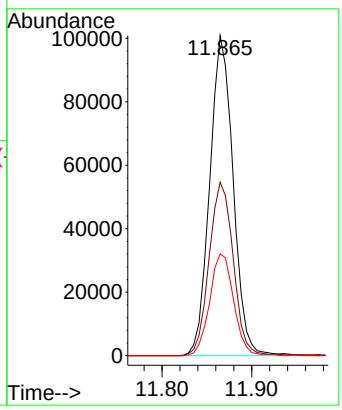


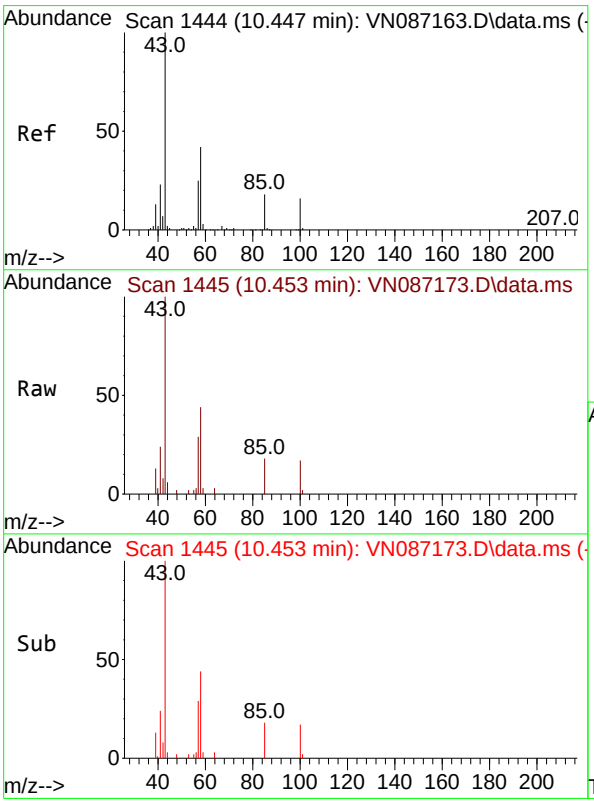
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:117 Resp: 182621

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.4	68.2
119	32.4	26.2	39.4

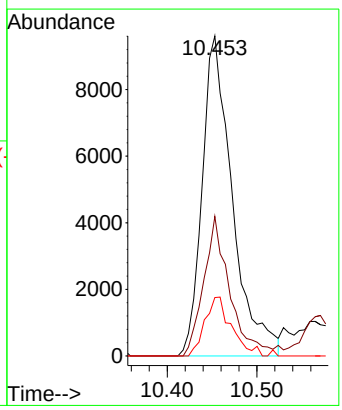


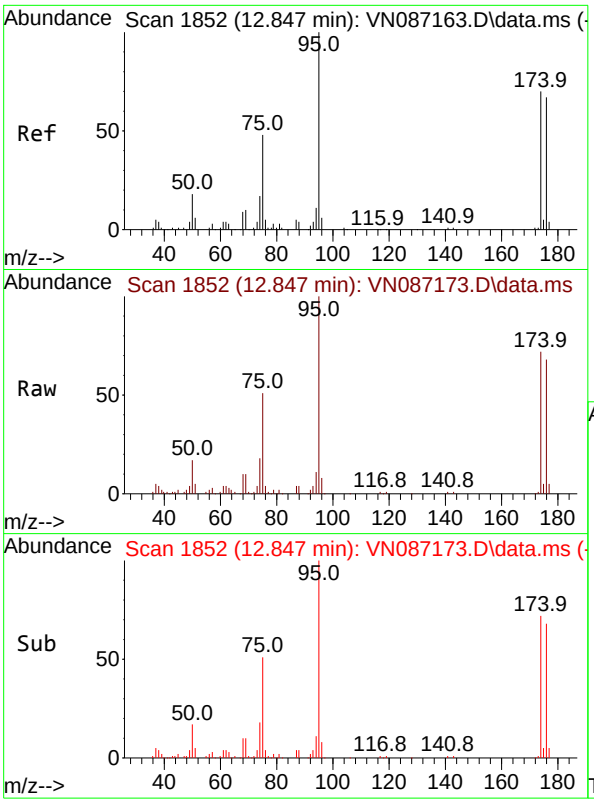


#58
4-Methyl-2-Pentanone
Concen: 6.117 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 43 Resp: 22458

Ion	Ratio	Lower	Upper
43	100		
58	37.7	32.6	49.0
85	15.7	14.6	22.0



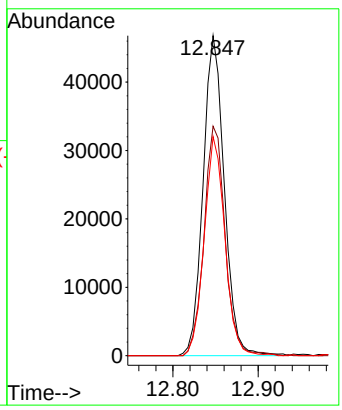


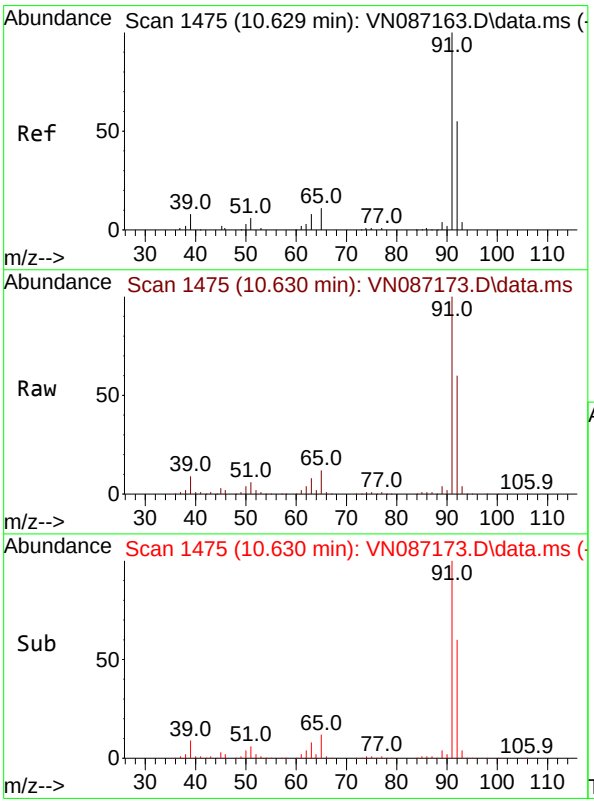
#60
4-Bromofluorobenzene
Concen: 28.666 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion: 95 Resp: 80783

Ion	Ratio	Lower	Upper
95	100		
174	70.7	54.5	81.7
176	66.9	51.9	77.9

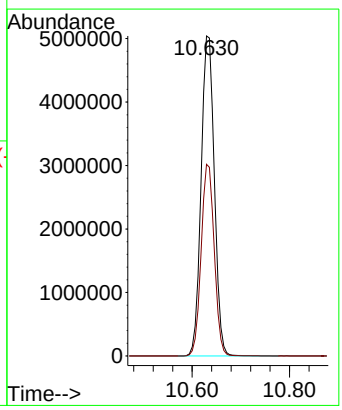


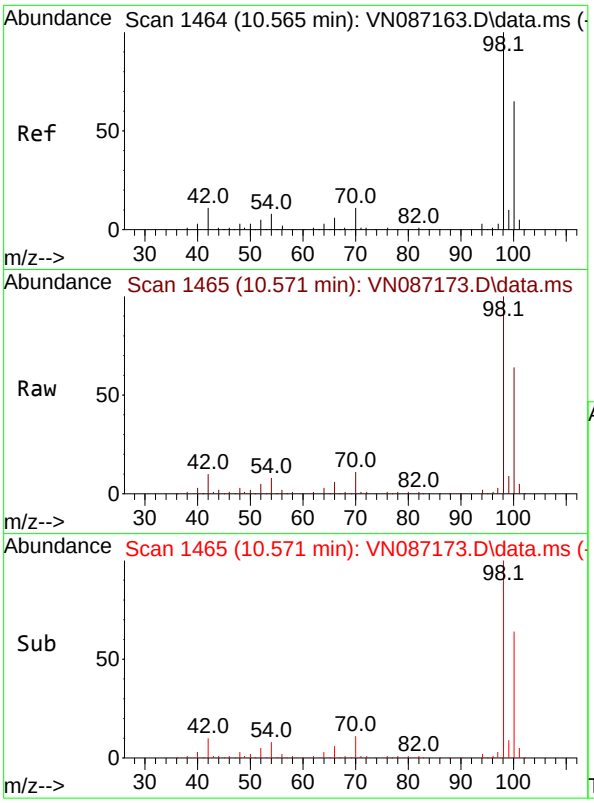


#62
Toluene
Concen: 920.999 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 91 Resp: 9499318

Ion	Ratio	Lower	Upper
91	100		
92	59.2	45.8	68.8



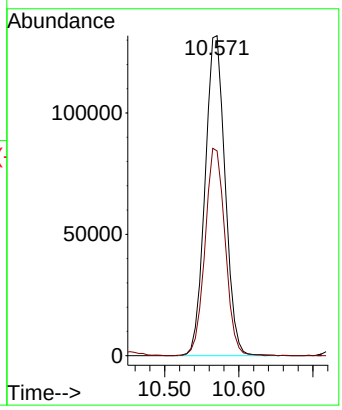


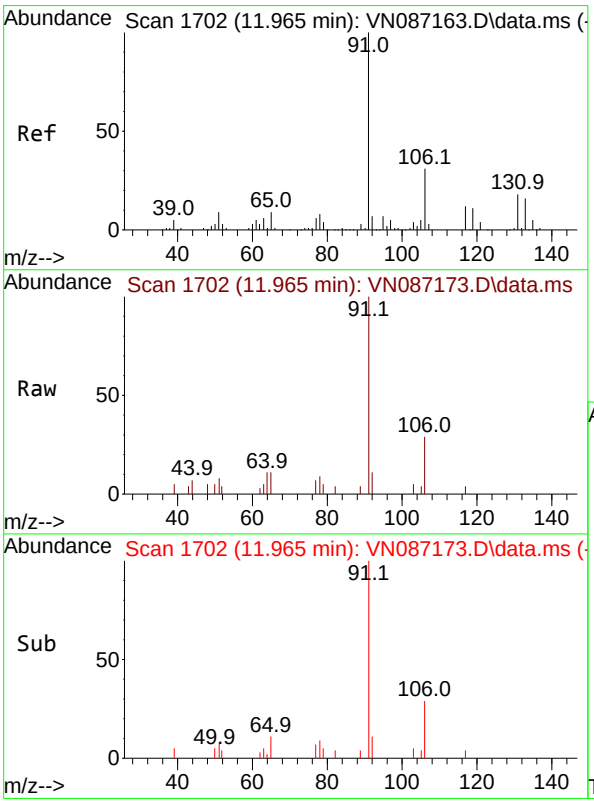
#63
Toluene-d8
Concen: 30.155 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion: 98 Resp: 247262

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

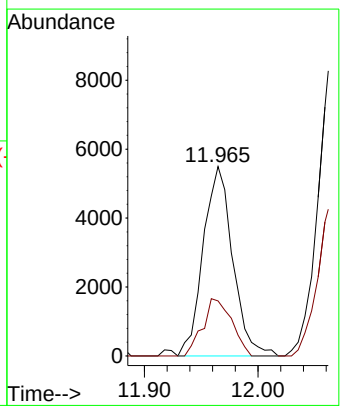


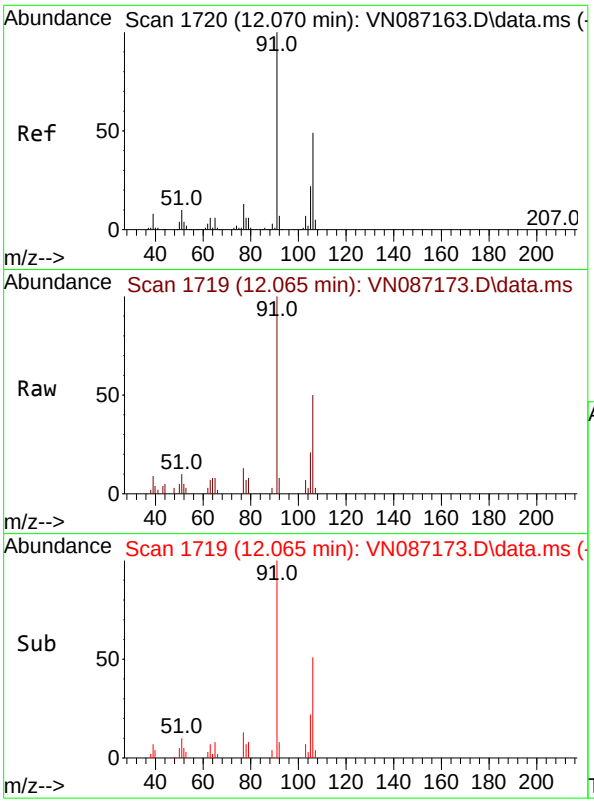


#66
Ethyl Benzene
Concen: 0.880 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 91 Resp: 9939

Ion	Ratio	Lower	Upper
91	100		
106	29.1	24.8	37.2



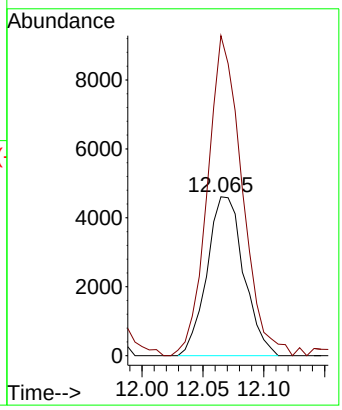


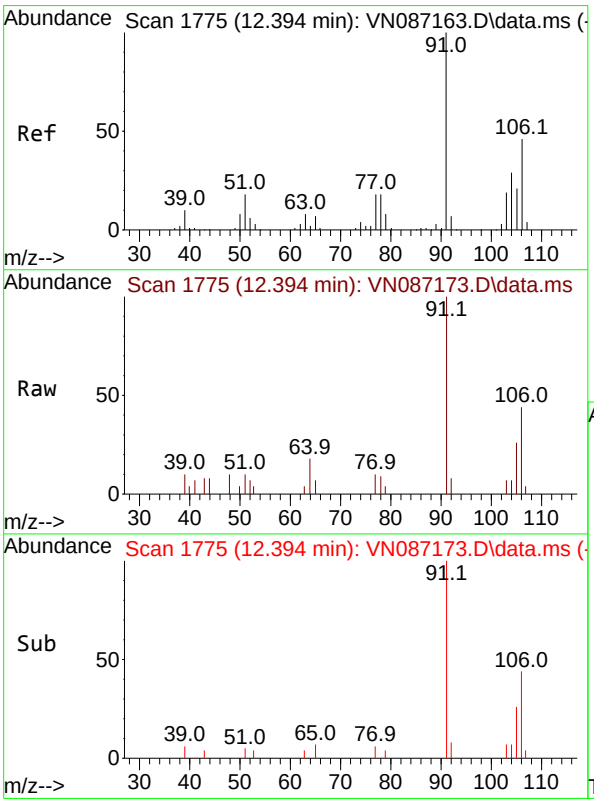
#67
m/p-Xylenes
Concen: 2.239 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:106 Resp: 9684

Ion	Ratio	Lower	Upper
106	100		
91	189.0	163.0	244.4

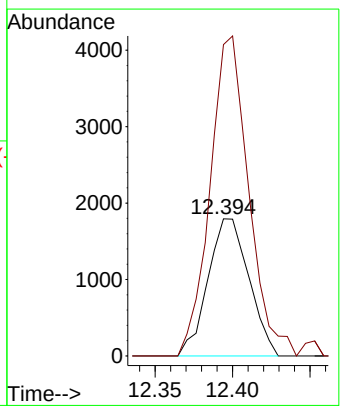


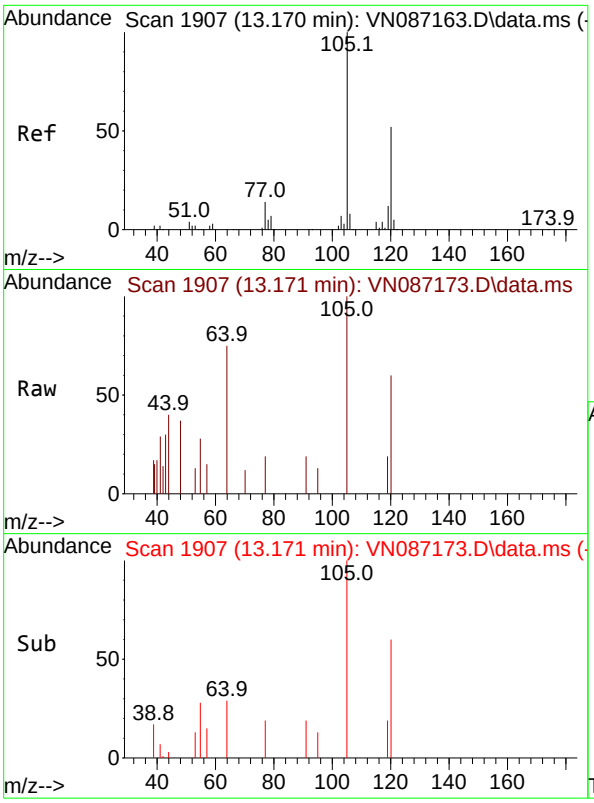


#68
o-Xylene
Concen: 0.799 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion:106 Resp: 3297

Ion	Ratio	Lower	Upper
106	100		
91	219.7	107.1	321.1



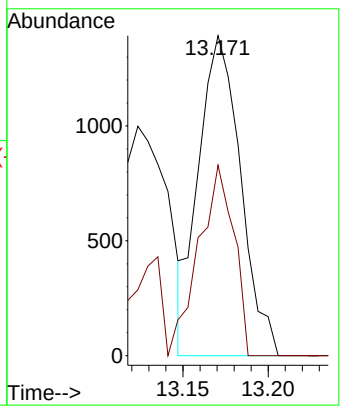


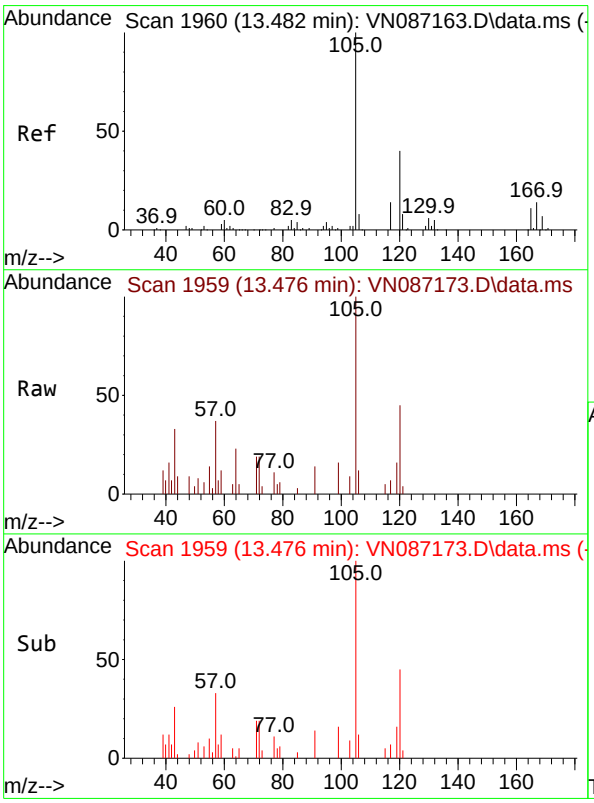
#76
1,3,5-Trimethylbenzene
Concen: 0.285 ug/l
RT: 13.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:105 Resp: 2389

Ion	Ratio	Lower	Upper
105	100		
120	49.7	0.0	100.8

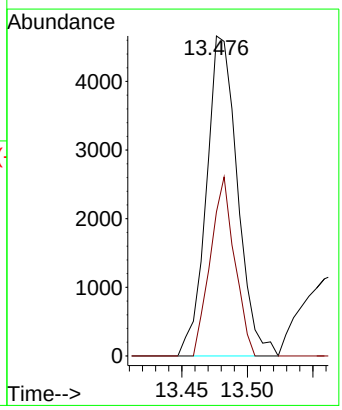


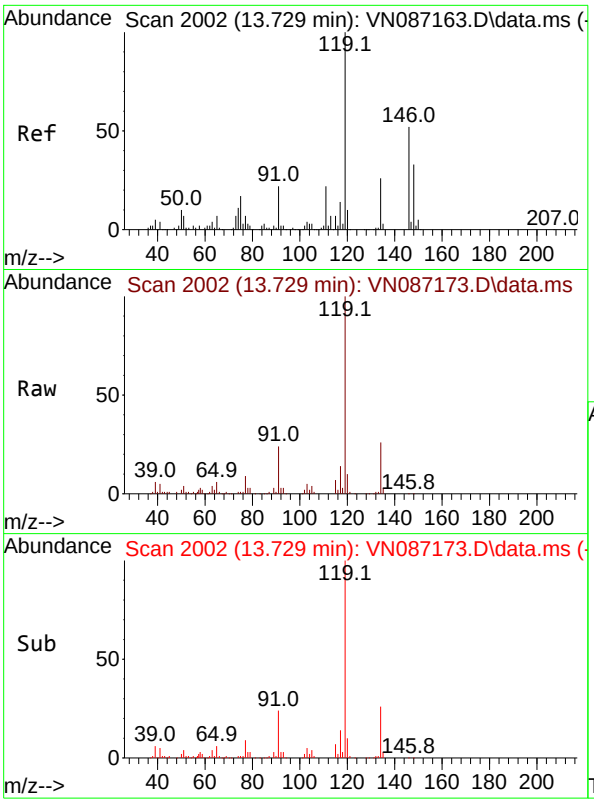


#80
1,2,4-Trimethylbenzene
Concen: 0.914 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Tgt Ion:105 Resp: 7682

Ion	Ratio	Lower	Upper
105	100		
120	43.6	0.0	94.0



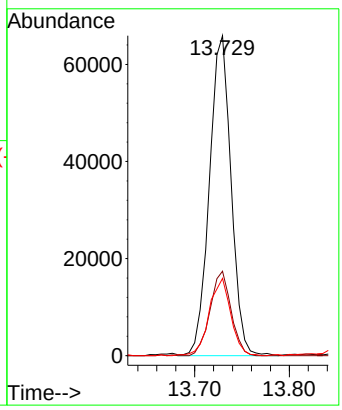


#82
p-Isopropyltoluene
Concen: 12.315 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087173.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:119 Resp: 104798

Ion	Ratio	Lower	Upper
119	100		
134	25.6	0.0	51.2
91	24.2	0.0	46.4



Raw Data: **VN087175.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/17/25
Project:	Transfer Station-SPDES	Date Received:	06/18/25
Client Sample ID:	002-35TH-AVE(JUNE)DL	SDG No.:	Q2349
Lab Sample ID:	Q2349-04DL	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087175.D	20		06/25/25 14:15	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	9.00	UD	9.00	100	ug/L
108-88-3	Toluene	790	D	9.20	100	ug/L
100-41-4	Ethyl Benzene	11.2	UD	11.2	100	ug/L
179601-23-1	m/p-Xylenes	26.0	UD	26.0	200	ug/L
95-47-6	o-Xylene	13.4	UD	13.4	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.8		91 - 110	96%	SPK: 30
2037-26-5	Toluene-d8	29.8		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.5		63 - 112	95%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	36400	7.824			
540-36-3	1,4-Difluorobenzene	188000	9.106			
3114-55-4	Chlorobenzene-d5	178000	11.865			

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\VN062525\
Data File : VN087175.D
Acq On : 25 Jun 2025 14:15
Operator : JC\MD
Sample : Q2349-04DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Quant Time: Jun 25 15:31:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

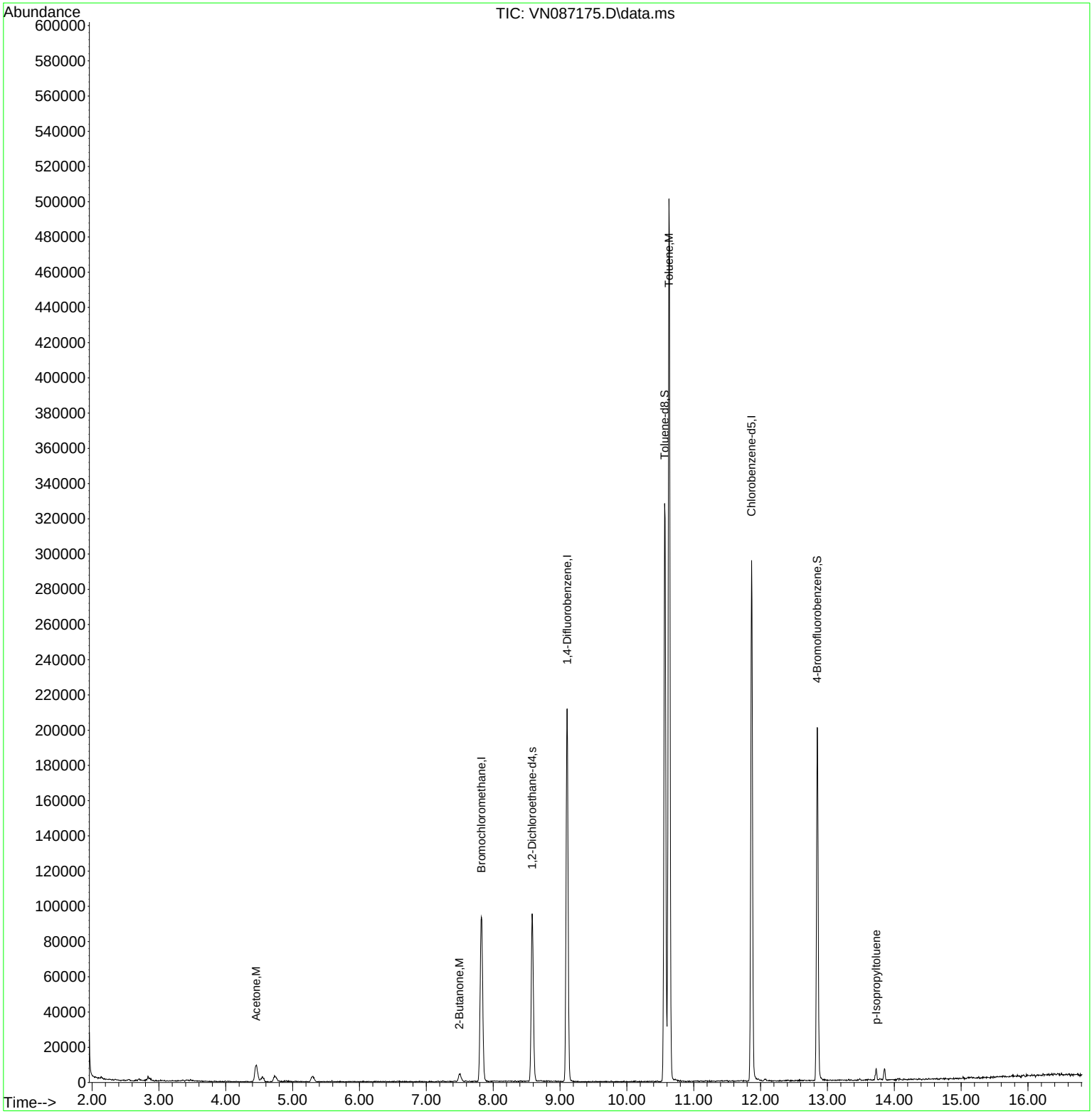
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	36435	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	187691	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	177573	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	79071	28.803	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.000%			
60) 4-Bromofluorobenzene	12.847	95	78209	28.542	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.133%			
63) Toluene-d8	10.565	98	237981	29.848	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.500%			
Target Compounds						Qvalue
15) Acetone	4.453	58	6453	13.699	ug/l	97
30) 2-Butanone	7.494	43	8722	4.420	ug/l #	70
62) Toluene	10.630	91	394572	39.343	ug/l	98
82) p-Isopropyltoluene	13.729	119	4465	0.540	ug/l	94

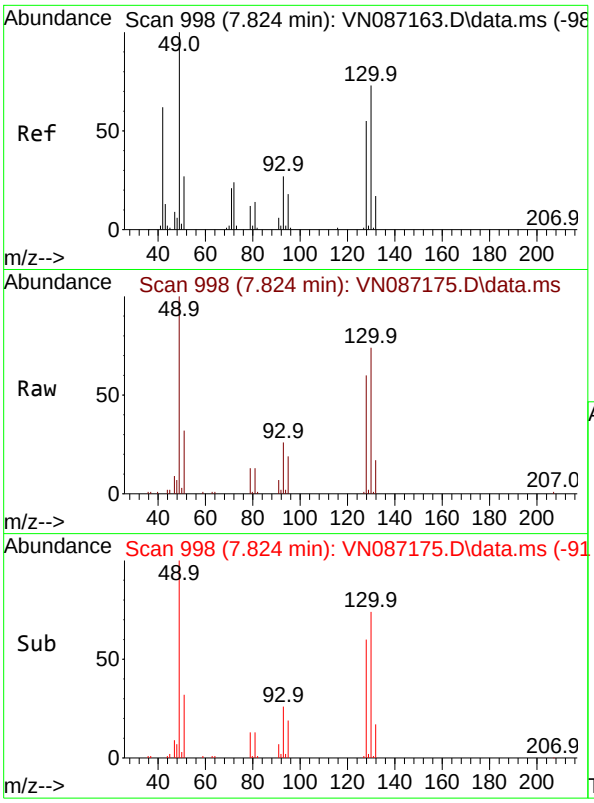
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087175.D
Acq On : 25 Jun 2025 14:15
Operator : JC\MD
Sample : Q2349-04DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Quant Time: Jun 25 15:31:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration



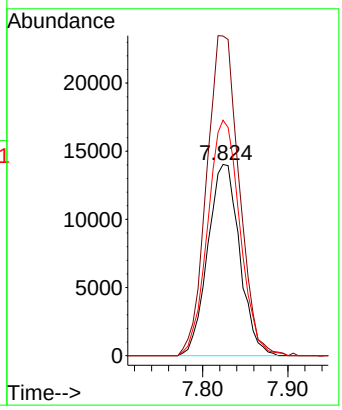


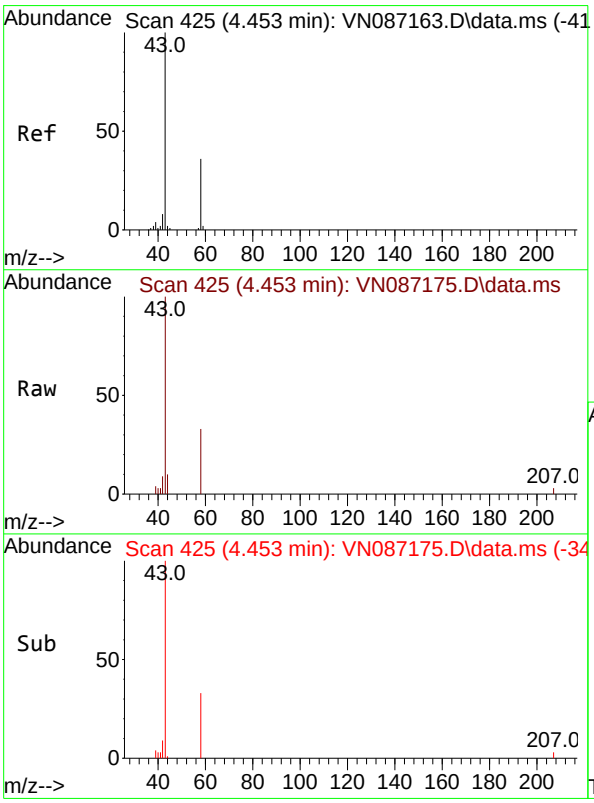
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Tgt Ion:128 Resp: 36435

Ion	Ratio	Lower	Upper
128	100		
49	170.5	0.0	450.5
130	125.2	0.0	320.7

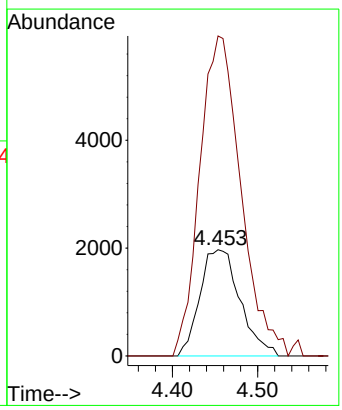


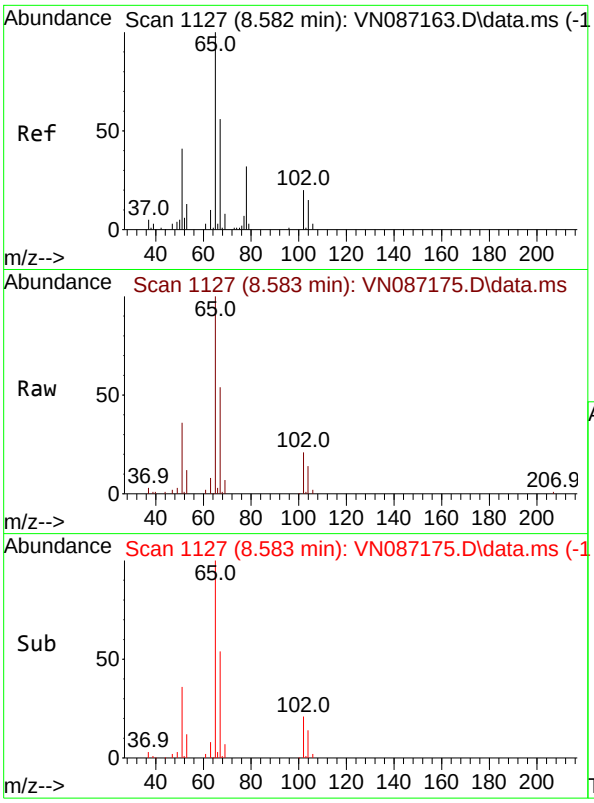


#15
Acetone
Concen: 13.699 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Tgt Ion: 58 Resp: 6453

Ion	Ratio	Lower	Upper
58	100		
43	286.1	224.3	336.5



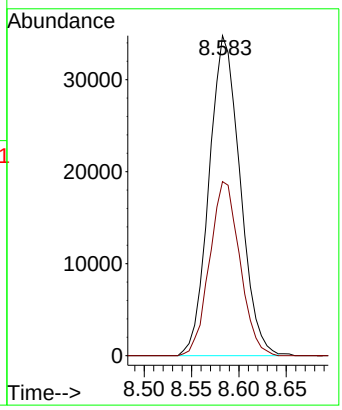


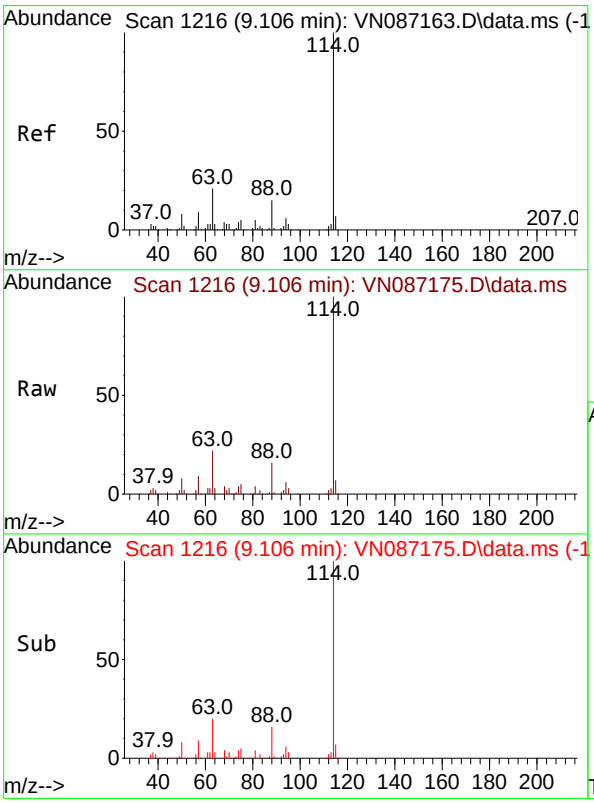
#27
1,2-Dichloroethane-d4
Concen: 28.803 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Tgt Ion: 65 Resp: 79071

Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.9	62.9

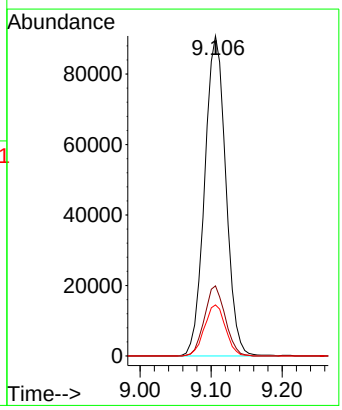


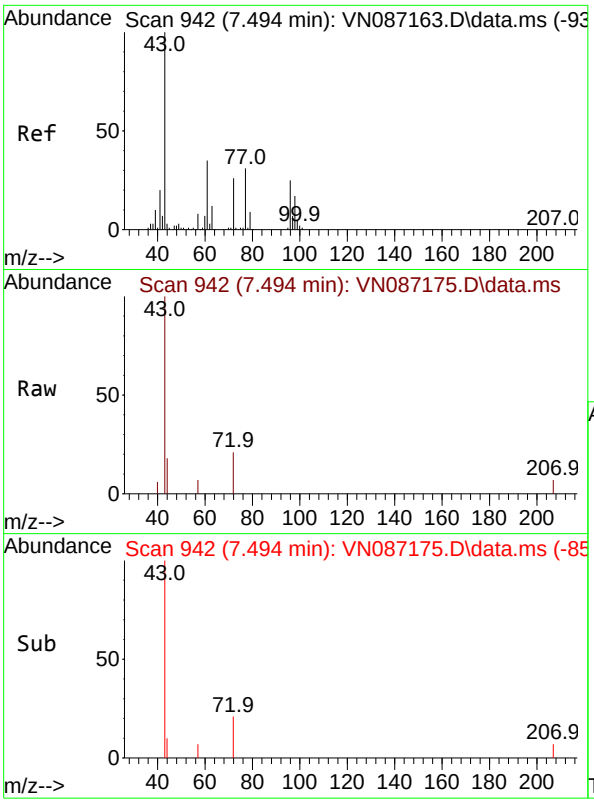


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Tgt Ion:114 Resp: 187691

Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.0	25.4
88	15.9	12.6	19.0



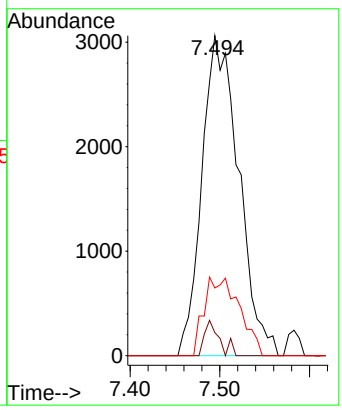


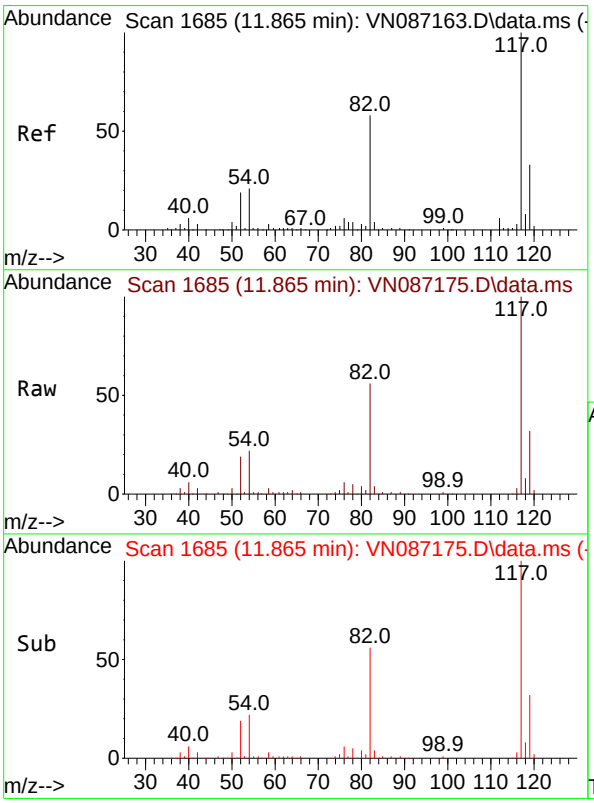
#30
2-Butanone
Concen: 4.420 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Tgt Ion: 43 Resp: 8722

Ion	Ratio	Lower	Upper
43	100		
57	3.8	6.3	9.5#
72	8.7	21.8	32.6#

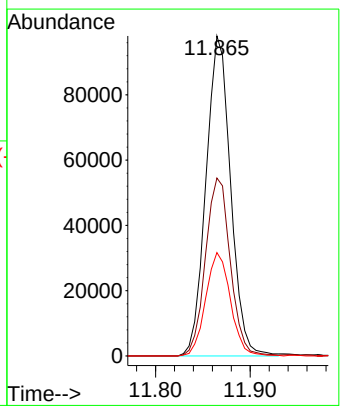


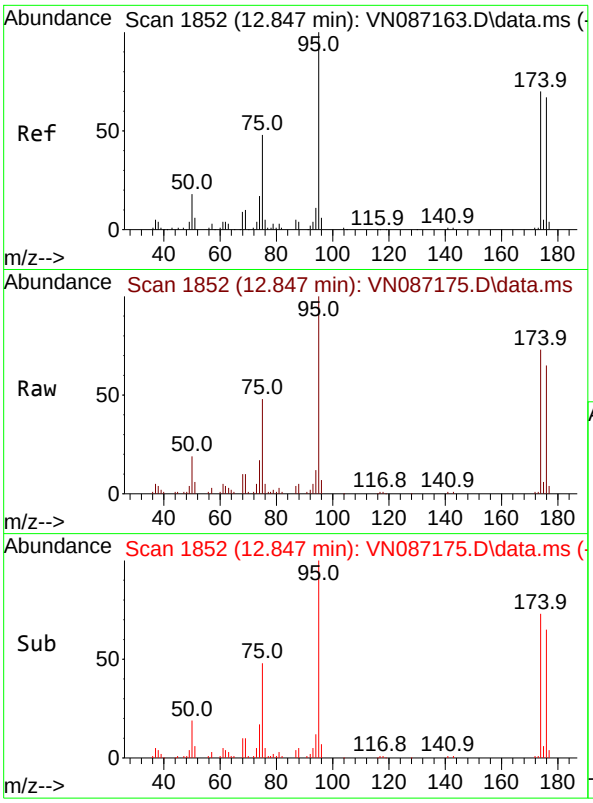


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Tgt Ion:117 Resp: 177573

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.4	68.2
119	32.4	26.2	39.4



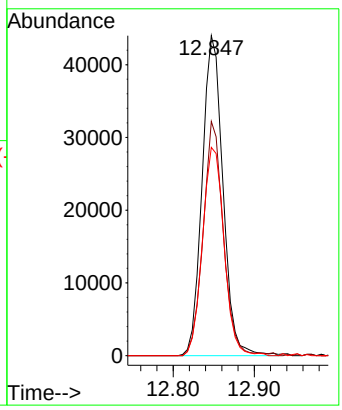


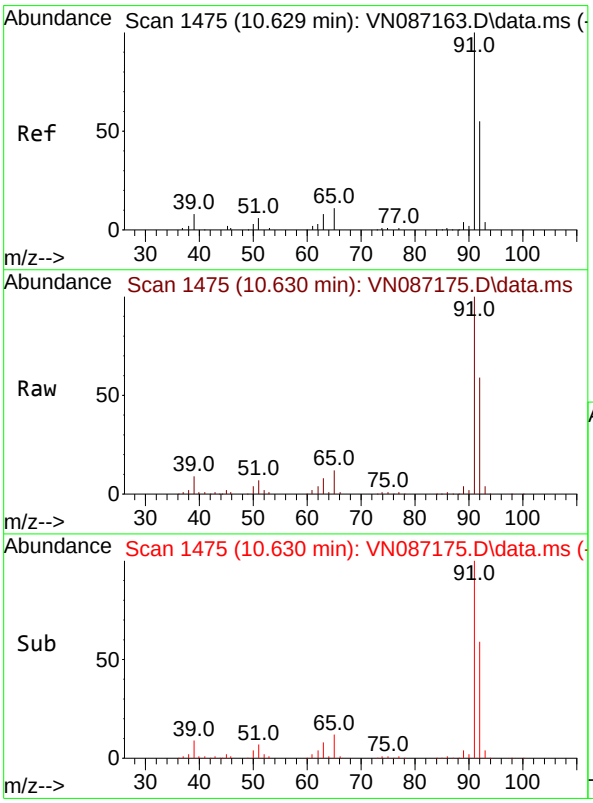
#60
4-Bromofluorobenzene
Concen: 28.542 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Tgt Ion: 95 Resp: 78209

Ion	Ratio	Lower	Upper
95	100		
174	70.5	54.5	81.7
176	67.3	51.9	77.9

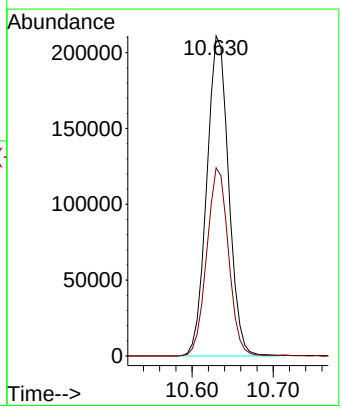


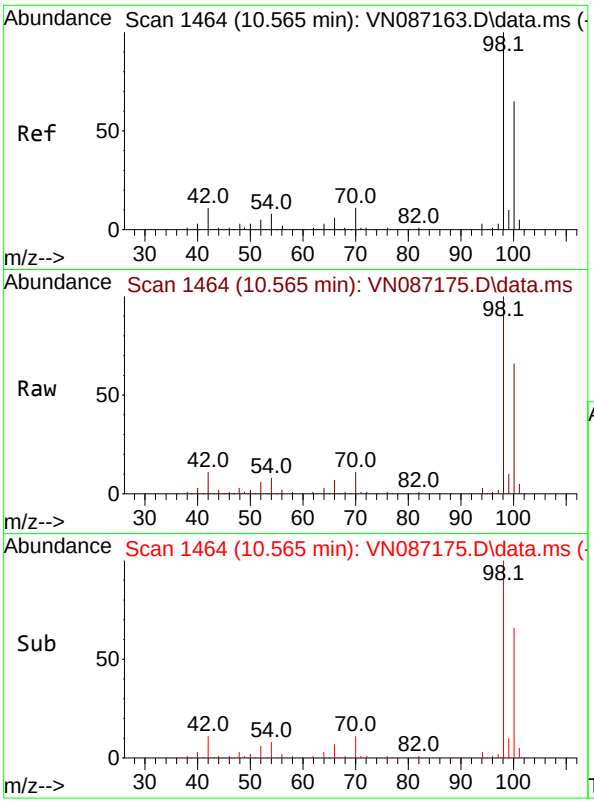


#62
Toluene
Concen: 39.343 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Tgt Ion: 91 Resp: 394572

Ion	Ratio	Lower	Upper
91	100		
92	58.4	45.8	68.8



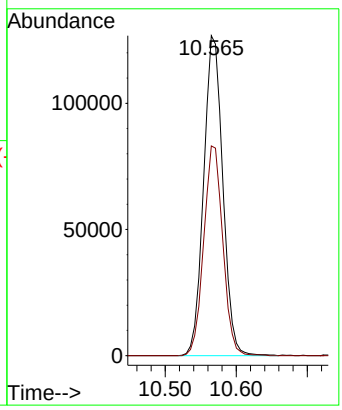


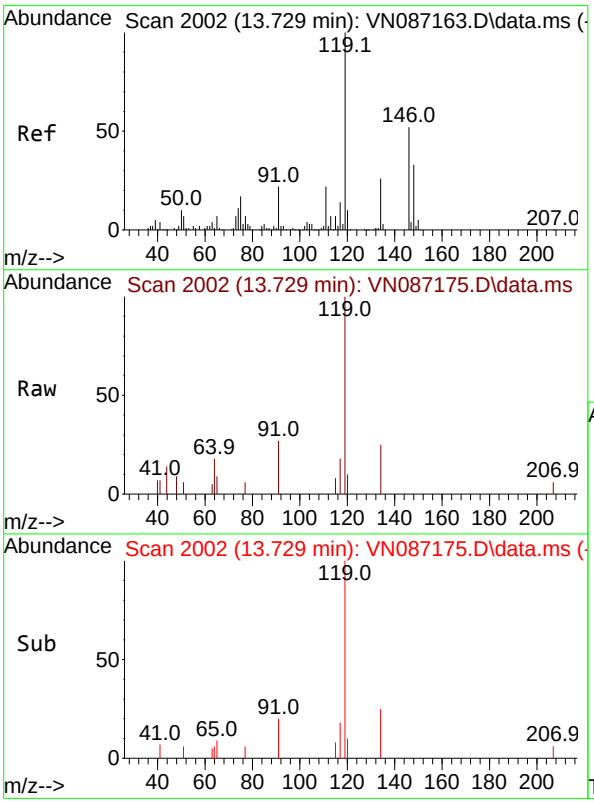
#63
Toluene-d8
Concen: 29.848 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Tgt Ion: 98 Resp: 237981

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7

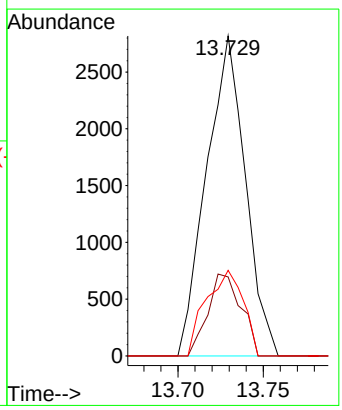




#82
p-Isopropyltoluene
Concen: 0.540 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087175.D
Acq: 25 Jun 2025 14:15

Tgt Ion:119 Resp: 4465

Ion	Ratio	Lower	Upper
119	100		
134	22.0	0.0	51.2
91	25.7	0.0	46.4



CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TULL01

Lab Code: CHEM Case No.: Q2349 SAS No.: Q2349 SDG No.: Q2349

Instrument ID: MSVOA_N Calibration Date(s): 06/25/2025 06/25/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:59 10:24

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

LAB FILE ID: RRF005 = VN087162.D RRF020 = VN087163.D RRF050 = VN087164.D
RRF100 = VN087165.D RRF150 = VN087166.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Benzene	1.576	1.309	1.574	1.454	1.494		1.481	7.4
Toluene	1.839	1.550	1.720	1.643	1.720		1.694	6.3
Ethyl Benzene	1.847	1.649	1.926	1.899	1.952		1.855	6.5
m/p-Xylenes	0.694	0.636	0.742	0.734	0.747		0.711	6.5
o-Xylene	0.650	0.604	0.709	0.706	0.720		0.678	7.3
1,2-Dichloroethane-d4	2.394	2.309	2.211	2.236	2.153		2.260	4.1
Toluene-d8	1.386	1.399	1.314	1.311	1.325		1.347	3.2
4-Bromofluorobenzene	0.439	0.448	0.470	0.489	0.468		0.463	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.

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N062525W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Jun 25 10:49:56 2025
Response Via : Initial Calibration

Calibration Files
5 =VN087162.D 20 =VN087163.D 50 =VN087164.D 100 =VN087165.D 150 =VN087166.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	1.971	1.652	1.736	1.761	1.909	1.806	7.24
3)	M	Chloromethane	2.014	1.562	1.799	1.846	2.001	1.844	9.98
4)	M	Vinyl Chloride	2.146	1.799	1.922	1.946	2.209	2.005	8.44
5)	M	Bromomethane	1.205	0.965	0.990	1.020	1.139	1.064	9.72
6)	M	Chloroethane	1.140	0.966	1.040	1.070	1.161	1.075	7.33
7)	M	Trichlorofluorom...	2.644	2.322	2.382	2.400	2.546	2.459	5.39
8)	T	Diethyl Ether	1.247	1.074	1.171	1.220	1.328	1.208	7.77
9)		1,1,2-Trichlorot...	1.941	1.681	1.788	1.785	1.920	1.823	5.89
10)	M	1,1-Dichloroethene	1.930	1.676	1.779	1.772	1.929	1.817	6.06
11)		Methyl Iodide	1.117	1.292	1.735	1.883	2.114	1.628	25.45
12)		Methyl Acetate	2.817	2.616	2.857	2.889	3.074	2.851	5.75
13)	M	Acrolein	0.397	0.359	0.407	0.454	0.574	0.438	18.98
14)	M	Acrylonitrile	1.315	1.227	1.344	1.334	1.428	1.330	5.41
15)	M	Acetone	0.423	0.367	0.386	0.373	0.390	0.388	5.66
16)	M	Carbon Disulfide	6.114	4.847	5.126	5.051	5.429	5.313	9.29
17)		Allyl chloride	3.092	2.759	2.988	2.969	3.179	2.997	5.26
18)	M	Methylene Chloride	2.339	1.947	2.062	2.025	2.153	2.105	7.14
19)	M	trans-1,2-Dichlo...	2.191	1.821	1.955	1.916	2.054	1.987	7.11
20)	T	Diisopropyl ether	6.275	6.084	6.540	6.352	6.546	6.359	3.05
21)	M	1,1-Dichloroethane	4.181	3.580	3.726	3.650	3.867	3.801	6.26
22)	M	cis-1,2-Dichloro...	2.324	2.093	2.374	2.269	2.506	2.313	6.53
23)	M	tert-Butyl Alcohol	0.496	0.453	0.505	0.506	0.540	0.500	6.19
24)	M	Methyl tert-Buty...	6.446	5.734	6.377	6.408	6.903	6.374	6.55
25)	M	Chloroform	3.901	3.326	3.659	3.568	3.753	3.641	5.90
26)		Cyclohexane	3.125	2.822	3.197	3.208	3.445	3.159	7.09
27)	s	1,2-Dichloroetha...	2.394	2.309	2.211	2.236	2.153	2.260	4.12
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.474	0.400	0.502	0.461	0.501	0.468	8.87
30)	M	2-Butanone	0.292	0.286	0.342	0.316	0.341	0.315	8.38
31)		2,2-Dichloropropane	0.584	0.518	0.597	0.538	0.585	0.564	6.13
32)	M	1,1,1-Trichloroe...	0.563	0.497	0.582	0.524	0.565	0.546	6.31
33)	M	Carbon Tetrachlo...	0.493	0.398	0.480	0.447	0.480	0.460	8.41
34)	M	Benzene	1.576	1.309	1.574	1.454	1.494	1.481	7.41
35)		Methacrylonitrile	0.314	0.284	0.342	0.314	0.335	0.318	7.03
36)	M	1,2-Dichloroethane	0.517	0.442	0.507	0.457	0.471	0.479	6.70
37)	M	Trichloroethene	0.371	0.294	0.352	0.336	0.355	0.342	8.55
38)		Methylcyclohexane	0.545	0.472	0.533	0.551	0.582	0.537	7.50
39)	M	1,2-Dichloropropane	0.397	0.348	0.369	0.363	0.382	0.372	5.07
40)		Dibromomethane	0.268	0.235	0.258	0.247	0.257	0.253	5.03
41)	M	Bromodichloromet...	0.537	0.482	0.522	0.485	0.525	0.510	4.94
42)	M	Vinyl Acetate	1.007	0.948	1.108	1.006	1.062	1.026	5.95
43)		Ethyl Acetate	0.446	0.561	0.655	0.570	0.615	0.569	13.78
44)		Isopropyl Acetate	0.937	0.835	0.997	0.918	0.951	0.928	6.42
45)	T	1,4-Dioxane	0.006	0.006	0.007	0.007	0.007	0.006	10.25
46)		Methyl methacrylate	0.420	0.396	0.447	0.432	0.462	0.431	5.84
47)		n-amyl Acetate	0.534	0.506	0.565	0.576	0.655	0.567	9.89
48)	M	t-1,3-Dichloropr...	0.553	0.512	0.613	0.554	0.612	0.569	7.62
49)	T	cis-1,3-Dichloro...	0.616	0.568	0.606	0.585	0.649	0.605	5.13
50)	M	1,1,2-Trichloroe...	0.388	0.333	0.376	0.332	0.366	0.359	7.04
51)		Ethyl methacrylate	0.420	0.470	0.614	0.578	0.651	0.547	17.88
52)		1,3-Dichloropropane	0.638	0.573	0.651	0.579	0.642	0.617	6.11
53)	M	Dibromochloromet...	0.373	0.343	0.401	0.363	0.405	0.377	6.99
54)	M	1,2-Dibromoethane	0.381	0.344	0.382	0.358	0.389	0.371	5.10
55)	M	2-Chloroethyl vi...	0.297	0.291	0.314	0.319	0.345	0.313	6.82
56)	M	Bromoform	0.258	0.234	0.271	0.258	0.276	0.259	6.27

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N062525W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.557	0.547	0.645	0.630	0.637	0.603	7.80
59)	M	2-Hexanone	0.305	0.322	0.440	0.428	0.452	0.389	17.98
60)	S	4-Bromofluoroben...	0.439	0.448	0.470	0.489	0.468	0.463	4.27
61)	M	Tetrachloroethene	0.334	0.268	0.301	0.281	0.301	0.297	8.44
62)	M	Toluene	1.839	1.550	1.720	1.643	1.720	1.694	6.31
63)	S	Toluene-d8	1.386	1.399	1.314	1.311	1.325	1.347	3.15
64)	M	Chlorobenzene	1.136	0.985	1.106	1.071	1.106	1.081	5.40
65)		1,1,1,2-Tetrachl...	0.376	0.326	0.365	0.354	0.365	0.357	5.38
66)	M	Ethyl Benzene	1.847	1.649	1.926	1.899	1.952	1.855	6.55
67)	M	m/p-Xylenes	0.694	0.636	0.742	0.734	0.747	0.711	6.52
68)	M	o-Xylene	0.650	0.604	0.709	0.706	0.720	0.678	7.29
69)	M	Styrene	1.086	1.039	1.240	1.213	1.242	1.164	8.14
70)		Isopropylbenzene	1.623	1.479	1.789	1.764	1.788	1.689	8.04
71)	M	1,1,2,2-Tetrachl...	0.624	0.566	0.635	0.606	0.608	0.608	4.37
72)		1,2,3-Trichlorop...	0.610	0.465	0.528	0.512	0.505	0.524	10.20
73)		Bromobenzene	0.416	0.361	0.427	0.417	0.427	0.410	6.80
74)		n-propylbenzene	1.920	1.807	2.222	2.185	2.181	2.063	9.08
75)		2-Chlorotoluene	1.226	1.080	1.317	1.300	1.309	1.246	8.01
76)		1,3,5-Trimethylb...	1.275	1.181	1.499	1.466	1.453	1.375	10.12
77)		t-1,4-Dichloro-2...	0.209	0.196	0.247	0.252	0.258	0.232	12.00
78)		4-Chlorotoluene	1.220	1.108	1.372	1.339	1.345	1.276	8.70
79)		tert-butylbenzene	1.025	0.987	1.271	1.250	1.244	1.156	11.89
80)		1,2,4-Trimethylb...	1.238	1.178	1.523	1.476	1.486	1.380	11.56
81)		sec-Butylbenzene	1.576	1.473	1.845	1.794	1.711	1.680	9.16
82)		p-Isopropyltoluene	1.224	1.267	1.534	1.519	1.446	1.398	10.30
83)	M	1,3-Dichlorobenzene	0.782	0.717	0.840	0.823	0.782	0.789	6.06
84)	M	1,4-Dichlorobenzene	0.791	0.714	0.852	0.823	0.788	0.794	6.53
85)		n-Butylbenzene	1.118	1.152	1.432	1.368	1.307	1.275	10.68
86)	T	Hexachloroethane	0.269	0.227	0.281	0.278	0.267	0.265	8.21
87)	M	1,2-Dichlorobenzene	0.719	0.670	0.805	0.781	0.743	0.744	7.10
88)		1,2-Dibromo-3-Ch...	0.130	0.122	0.143	0.142	0.147	0.137	7.58
89)		1,2,4-Trichlorob...	0.399	0.379	0.416	0.449	0.460	0.421	7.97
90)		Hexachlorobutadiene	0.123	0.112	0.132	0.129	0.129	0.125	6.28
91)	M	Naphthalene	1.425	1.442	1.726	1.806	1.881	1.656	12.71
92)		1,2,3-Trichlorob...	0.399	0.379	0.416	0.449	0.460	0.421	7.97

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087162.D
Acq On : 25 Jun 2025 08:59
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone
06/25/2025
Supervised By :Mahesh Dadoda
06/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.824	128	35930	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.106	114	205072	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	186292	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.583	65	86000	34.837	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 116.133%#				
60) 4-Bromofluorobenzene	12.847	95	81752	27.951	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.167%				
63) Toluene-d8	10.565	98	258286	30.207	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.154	85	11802	4.836	ug/l		96
3) Chloromethane	2.401	50	12062	3.834	ug/l		94
4) Vinyl Chloride	2.554	62	12853	4.439	ug/l		96
5) Bromomethane	2.995	94	7218	4.705	ug/l		91
6) Chloroethane	3.153	64	6828	3.856	ug/l	#	84
7) Trichlorofluoromethane	3.524	101	15836	4.670	ug/l		96
8) Diethyl Ether	3.983	74	7465	5.277	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.395	101	11626	5.594	ug/l		97
10) 1,1-Dichloroethene	4.365	96	11558	5.455	ug/l		97
11) Methyl Iodide	4.618	142	6687	2.677	ug/l		96
12) Methyl Acetate	5.047	43	16869	7.169	ug/l		100
13) Acrolein	4.200	56	11876	48.853	ug/l		97
14) Acrylonitrile	5.742	53	39359	35.942	ug/l		98
15) Acetone	4.459	58	12676	45.718	ug/l		78
16) Carbon Disulfide	4.742	76	36612	5.919	ug/l		98
17) Allyl chloride	5.047	41	18516	5.882	ug/l		91
18) Methylene Chloride	5.295	84	14009	5.693	ug/l		95
19) trans-1,2-Dichloroethene	5.806	96	13122	5.918	ug/l		93
20) Diisopropyl ether	6.683	45	37574	5.420	ug/l		95
21) 1,1-Dichloroethane	6.583	63	25040	5.985	ug/l		99
22) cis-1,2-Dichloroethene	7.500	96	13914	5.181	ug/l		96
23) tert-Butyl Alcohol	5.542	59	14840m	42.200	ug/l		
24) Methyl tert-Butyl Ether	5.812	73	38602	5.528	ug/l		98
25) Chloroform	7.977	83	23358	5.704	ug/l		99
26) Cyclohexane	8.259	56	18712	5.167	ug/l	#	97
29) 1,1-Dichloropropene	8.377	75	16196	5.372	ug/l		99
30) 2-Butanone	7.494	43	49880	37.757	ug/l		100
31) 2,2-Dichloropropane	7.500	77	19968	5.610	ug/l		96
32) 1,1,1-Trichloroethane	8.183	97	19246	5.506	ug/l		97
33) Carbon Tetrachloride	8.365	117	16865m	5.645	ug/l		
34) Benzene	8.612	78	53867	5.491	ug/l	#	91
35) Methacrylonitrile	7.794	41	10743m	7.079	ug/l		
36) 1,2-Dichloroethane	8.677	62	17661	6.143	ug/l		99
37) Trichloroethene	9.359	130	12692	4.664	ug/l		85
38) Methylcyclohexane	9.600	83	18613	5.564	ug/l		97
39) 1,2-Dichloropropane	9.624	63	13584	5.751	ug/l		94
40) Dibromomethane	9.712	93	9171	5.937	ug/l		96
41) Bromodichloromethane	9.888	83	18357	5.677	ug/l		99
42) Vinyl Acetate	6.618	43	172005	44.667	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087162.D
Acq On : 25 Jun 2025 08:59
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone
06/25/2025
Supervised By :Mahesh Dadoda
06/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.571	43	15251m	5.642	ug/l		
44) Isopropyl Acetate	8.694	43	32041	6.909	ug/l		98
45) 1,4-Dioxane	9.706	88	3765	91.346	ug/l		85
46) Methyl methacrylate	9.682	41	14340	6.706	ug/l		88
47) n-amyl Acetate	12.712	43	18265m	4.906	ug/l		
48) t-1,3-Dichloropropene	10.841	75	18916	5.467	ug/l		100
49) cis-1,3-Dichloropropene	10.312	75	21045	5.529	ug/l		92
50) 1,1,2-Trichloroethane	11.024	97	13266	6.097	ug/l		90
51) Ethyl methacrylate	10.888	69	14365m	4.077	ug/l		
52) 1,3-Dichloropropane	11.165	76	21815	5.650	ug/l		100
53) Dibromochloromethane	11.359	129	12745	5.184	ug/l		98
54) 1,2-Dibromoethane	11.471	107	13009	5.849	ug/l		99
55) 2-Chloroethyl vinyl ether	10.159	63	50795	30.031	ug/l		99
56) Bromoform	12.576	173	8824	5.696	ug/l	#	93
58) 4-Methyl-2-Pentanone	10.447	43	86443	31.623	ug/l		99
59) 2-Hexanone	11.224	43	47317m	24.166	ug/l		
61) Tetrachloroethene	11.100	164	10375	3.313	ug/l		91
62) Toluene	10.629	91	57093	5.442	ug/l		99
64) Chlorobenzene	11.894	112	35274	5.272	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.959	131	11689	5.318	ug/l		98
66) Ethyl Benzene	11.965	91	57341	5.053	ug/l		97
67) m/p-Xylenes	12.071	106	43110	9.681	ug/l		97
68) o-Xylene	12.394	106	20187	4.677	ug/l		97
69) Styrene	12.412	104	33711	4.688	ug/l		99
70) Isopropylbenzene	12.694	105	50380	4.908	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.935	83	19389	7.945	ug/l		98
72) 1,2,3-Trichloropropane	12.994	75	18949m	6.625	ug/l		
73) Bromobenzene	12.982	156	12917	5.063	ug/l		91
74) n-propylbenzene	13.035	91	59601	4.902	ug/l		100
75) 2-Chlorotoluene	13.123	91	38061	4.877	ug/l		100
76) 1,3,5-Trimethylbenzene	13.170	105	39593	4.636	ug/l		99
77) t-1,4-Dichloro-2-butene	12.735	75	6495	5.549	ug/l		95
78) 4-Chlorotoluene	13.223	91	37874	4.899	ug/l		99
79) tert-butylbenzene	13.435	119	31816	4.309	ug/l		99
80) 1,2,4-Trimethylbenzene	13.476	105	38448	4.486	ug/l		98
81) sec-Butylbenzene	13.612	105	48920	4.864	ug/l		99
82) p-Isopropyltoluene	13.723	119	37999	4.499	ug/l		97
83) 1,3-Dichlorobenzene	13.729	146	24271	5.185	ug/l		100
84) 1,4-Dichlorobenzene	13.812	146	24573	5.276	ug/l		99
85) n-Butylbenzene	14.053	91	34704	4.908	ug/l		98
86) Hexachloroethane	14.329	117	8365	5.811	ug/l		99
87) 1,2-Dichlorobenzene	14.106	146	22335	4.947	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	4038	7.857	ug/l		98
89) 1,2,4-Trichlorobenzene	15.841	180	12402	6.563	ug/l		99
90) Hexachlorobutadiene	15.494	225	3815	4.711	ug/l		97
91) Naphthalene	15.635	128	44237	6.710	ug/l		98
92) 1,2,3-Trichlorobenzene	15.841	180	12402	6.563	ug/l		99

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087162.D
Acq On : 25 Jun 2025 08:59
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

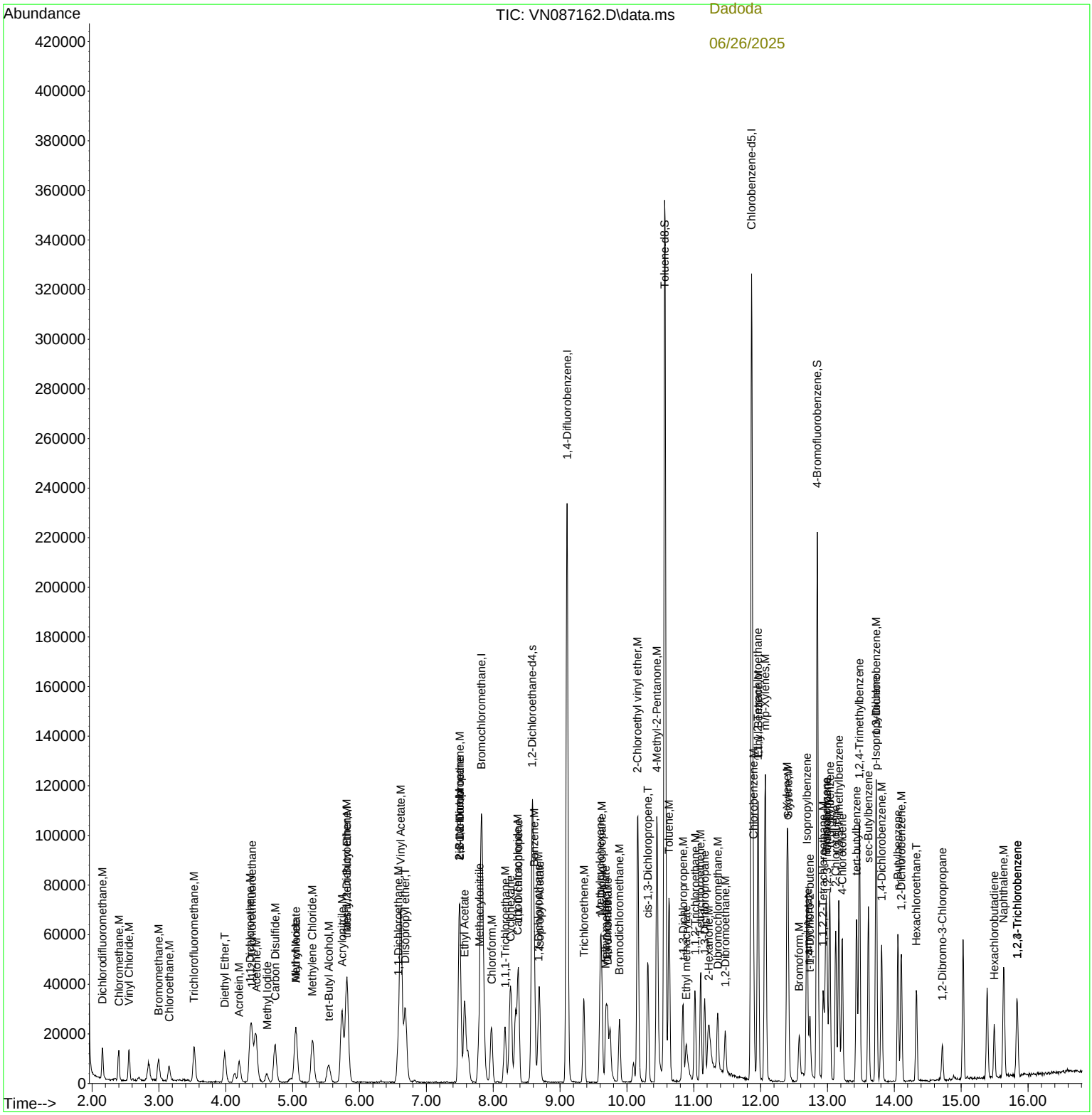
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone

06/25/2025
Supervised By :Mahesh Dadoda

06/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:35:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	35021	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.106	114	196036	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	185687	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	80849	33.600	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.000%#			
60) 4-Bromofluorobenzene	12.847	95	83246	28.555	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.167%			
63) Toluene-d8	10.565	98	259828	30.486	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	38576	16.218	ug/l	97
3) Chloromethane	2.395	50	36457	11.888	ug/l	98
4) Vinyl Chloride	2.553	62	42008	14.885	ug/l	93
5) Bromomethane	3.001	94	22531	15.067	ug/l	93
6) Chloroethane	3.153	64	22548	13.062	ug/l	98
7) Trichlorofluoromethane	3.530	101	54211	16.400	ug/l	97
8) Diethyl Ether	3.983	74	25082	18.191	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	39250	19.375	ug/l	86
10) 1,1-Dichloroethene	4.371	96	39141	18.952	ug/l	99
11) Methyl Iodide	4.612	142	30168	12.391	ug/l	95
12) Methyl Acetate	5.047	43	61084	26.632	ug/l	94
13) Acrolein	4.206	56	41919	176.912	ug/l	100
14) Acrylonitrile	5.736	53	143262	134.221	ug/l	98
15) Acetone	4.453	58	42803	158.384	ug/l	88
16) Carbon Disulfide	4.736	76	113169	18.771	ug/l	100
17) Allyl chloride	5.042	41	64418	20.995	ug/l	92
18) Methylene Chloride	5.300	84	45462	18.954	ug/l	96
19) trans-1,2-Dichloroethene	5.806	96	42521	19.673	ug/l	90
20) Diisopropyl ether	6.689	45	142052	21.022	ug/l	94
21) 1,1-Dichloroethane	6.583	63	83594	20.498	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	48862	18.668	ug/l	93
23) tert-Butyl Alcohol	5.536	59	52931	154.426	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	133867	19.667	ug/l	95
25) Chloroform	7.971	83	77659	19.456	ug/l	98
26) Cyclohexane	8.265	56	65879	18.665	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	52341	18.159	ug/l	99
30) 2-Butanone	7.494	43	186786	147.905	ug/l	97
31) 2,2-Dichloropropane	7.500	77	67667	19.889	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	65006	19.456	ug/l	99
33) Carbon Tetrachloride	8.371	117	51957	18.192	ug/l	96
34) Benzene	8.612	78	171052	18.239	ug/l #	94
35) Methacrylonitrile	7.788	41	37169	25.622	ug/l	95
36) 1,2-Dichloroethane	8.671	62	57773	21.023	ug/l	96
37) Trichloroethene	9.353	130	38479	14.792	ug/l	94
38) Methylcyclohexane	9.606	83	61684	19.288	ug/l	96
39) 1,2-Dichloropropane	9.624	63	45479	20.143	ug/l	99
40) Dibromomethane	9.712	93	30677	20.774	ug/l	97
41) Bromodichloromethane	9.894	83	63009	20.384	ug/l	99
42) Vinyl Acetate	6.618	43	619269	168.226	ug/l	94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:35:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.571	43	73261	28.350	ug/l		99
44) Isopropyl Acetate	8.694	43	109066	24.603	ug/l		92
45) 1,4-Dioxane	9.700	88	14898	378.114	ug/l		94
46) Methyl methacrylate	9.682	41	51785	25.335	ug/l		94
47) n-amyl Acetate	12.529	43	66120m	18.579	ug/l		
48) t-1,3-Dichloropropene	10.835	75	66870	20.216	ug/l		99
49) cis-1,3-Dichloropropene	10.312	75	74233	20.403	ug/l		95
50) 1,1,2-Trichloroethane	11.018	97	43535	20.932	ug/l		97
51) Ethyl methacrylate	10.882	69	61428	18.237	ug/l		97
52) 1,3-Dichloropropane	11.165	76	74825	20.272	ug/l		99
53) Dibromochloromethane	11.359	129	44787	19.056	ug/l		99
54) 1,2-Dibromoethane	11.471	107	44953	21.145	ug/l		98
55) 2-Chloroethyl vinyl ether	10.159	63	189897	117.448	ug/l		99
56) Bromoform	12.576	173	30532	20.618	ug/l	#	98
58) 4-Methyl-2-Pentanone	10.447	43	338778	124.338	ug/l		97
59) 2-Hexanone	11.206	43	199560	102.251	ug/l		99
61) Tetrachloroethene	11.106	164	33143	10.618	ug/l		93
62) Toluene	10.629	91	191888	18.349	ug/l		99
64) Chlorobenzene	11.888	112	121902	18.278	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.959	131	40342	18.412	ug/l		99
66) Ethyl Benzene	11.965	91	204111	18.045	ug/l		97
67) m/p-Xylenes	12.070	106	157576	35.500	ug/l		98
68) o-Xylene	12.394	106	74793	17.386	ug/l		99
69) Styrene	12.412	104	128666	17.953	ug/l		98
70) Isopropylbenzene	12.694	105	183132	17.899	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.935	83	70012	28.780	ug/l		97
72) 1,2,3-Trichloropropane	12.988	75	57564m	20.191	ug/l		
73) Bromobenzene	12.982	156	44654	17.559	ug/l		89
74) n-propylbenzene	13.035	91	223685	18.457	ug/l		98
75) 2-Chlorotoluene	13.123	91	133694	17.187	ug/l		100
76) 1,3,5-Trimethylbenzene	13.170	105	146137	17.169	ug/l		100
77) t-1,4-Dichloro-2-butene	12.735	75	24271	20.803	ug/l		93
78) 4-Chlorotoluene	13.217	91	137101	17.793	ug/l		99
79) tert-butylbenzene	13.435	119	122243	16.611	ug/l		97
80) 1,2,4-Trimethylbenzene	13.482	105	145827	17.068	ug/l		99
81) sec-Butylbenzene	13.612	105	182391	18.192	ug/l		99
82) p-Isopropyltoluene	13.729	119	156830	18.630	ug/l		99
83) 1,3-Dichlorobenzene	13.729	146	88727	19.018	ug/l		99
84) 1,4-Dichlorobenzene	13.812	146	88343	19.028	ug/l		99
85) n-Butylbenzene	14.053	91	142647	20.240	ug/l		99
86) Hexachloroethane	14.329	117	28116	19.596	ug/l		98
87) 1,2-Dichlorobenzene	14.106	146	82984	18.439	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.711	75	15132	29.539	ug/l		94
89) 1,2,4-Trichlorobenzene	15.835	180	46967	24.937	ug/l		96
90) Hexachlorobutadiene	15.494	225	13876	17.189	ug/l		99
91) Naphthalene	15.635	128	178532	27.168	ug/l		98
92) 1,2,3-Trichlorobenzene	15.835	180	46967	24.937	ug/l		96

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

ICAL Form

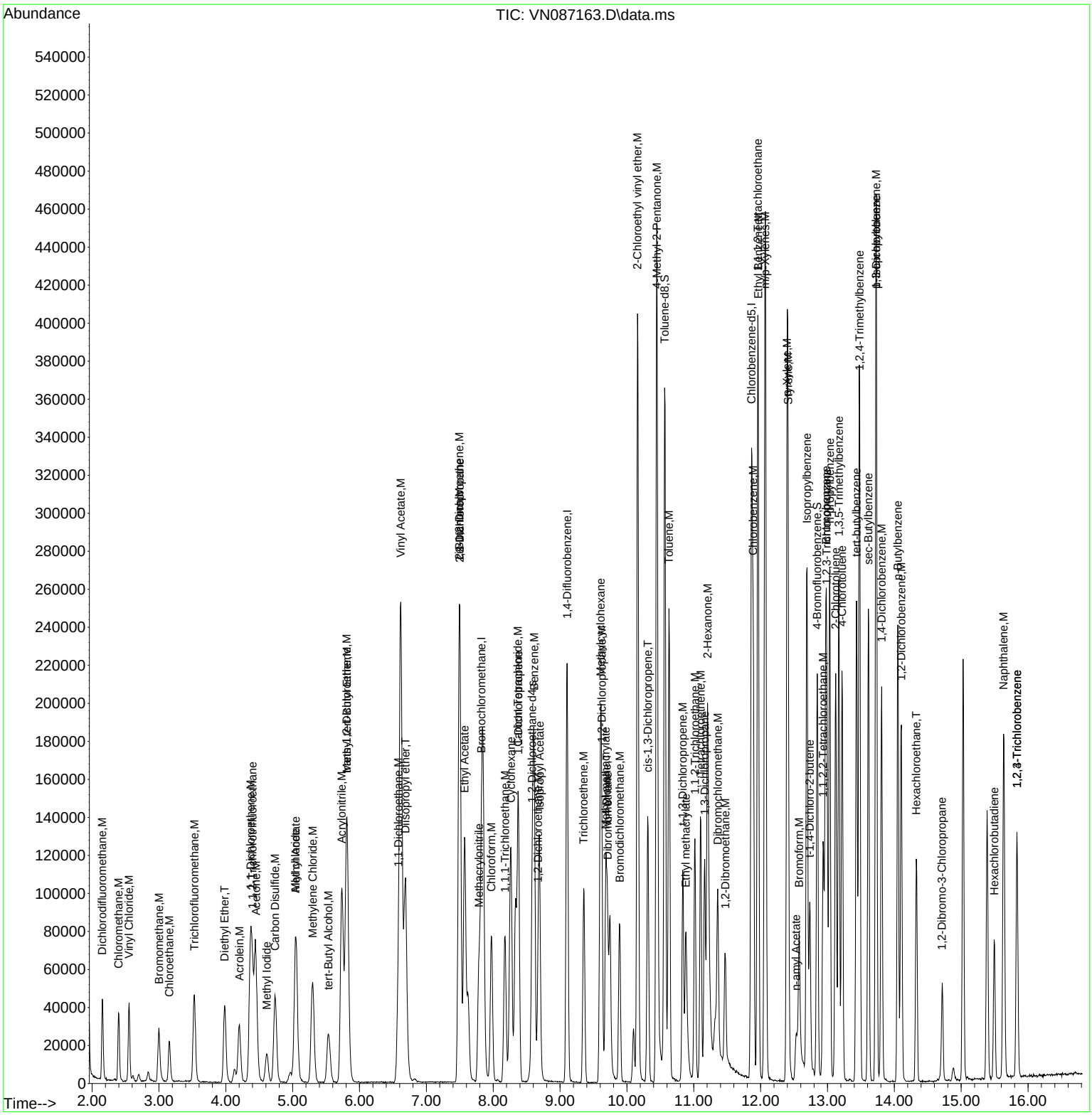
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 10:35:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087164.D
Acq On : 25 Jun 2025 09:41
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:41:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.824	128	36297	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.106	114	191792	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	183711	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.583	65	80238	32.174	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.233%				
60) 4-Bromofluorobenzene	12.847	95	86398	29.954	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.833%				
63) Toluene-d8	10.565	98	241406	28.629	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.433%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.154	85	105036	42.607	ug/l		97
3) Chloromethane	2.395	50	108859	34.249	ug/l		98
4) Vinyl Chloride	2.554	62	116298	39.759	ug/l		95
5) Bromomethane	2.995	94	59883	38.638	ug/l		94
6) Chloroethane	3.154	64	62900	35.158	ug/l		97
7) Trichlorofluoromethane	3.530	101	144121	42.068	ug/l		99
8) Diethyl Ether	3.983	74	70868	49.590	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.401	101	108149	51.509	ug/l	#	88
10) 1,1-Dichloroethene	4.365	96	107618	50.276	ug/l		95
11) Methyl Iodide	4.612	142	104934	41.585	ug/l		91
12) Methyl Acetate	5.042	43	172834	72.704	ug/l		97
13) Acrolein	4.201	56	122967	500.718	ug/l		100
14) Acrylonitrile	5.736	53	406413	367.380	ug/l		98
15) Acetone	4.448	58	116774	416.908	ug/l		94
16) Carbon Disulfide	4.742	76	310088	49.627	ug/l		100
17) Allyl chloride	5.048	41	180781	56.849	ug/l		97
18) Methylene Chloride	5.300	84	124740	50.180	ug/l		98
19) trans-1,2-Dichloroethene	5.812	96	118244	52.785	ug/l		94
20) Diisopropyl ether	6.689	45	395621	56.488	ug/l		95
21) 1,1-Dichloroethane	6.583	63	225376	53.322	ug/l		99
22) cis-1,2-Dichloroethene	7.500	96	143629	52.945	ug/l		97
23) tert-Butyl Alcohol	5.536	59	152814	430.162	ug/l	#	100
24) Methyl tert-Butyl Ether	5.812	73	385760	54.681	ug/l		98
25) Chloroform	7.971	83	221377	53.512	ug/l		98
26) Cyclohexane	8.265	56	193421	52.874	ug/l	#	98
29) 1,1-Dichloropropene	8.377	75	160517	56.923	ug/l		98
30) 2-Butanone	7.489	43	546757	442.524	ug/l		99
31) 2,2-Dichloropropane	7.500	77	190958	57.368	ug/l		100
32) 1,1,1-Trichloroethane	8.177	97	185977	56.894	ug/l		99
33) Carbon Tetrachloride	8.371	117	153386	54.893	ug/l		97
34) Benzene	8.612	78	503072	54.830	ug/l		98
35) Methacrylonitrile	7.789	41	109229	76.961	ug/l		95
36) 1,2-Dichloroethane	8.677	62	161947	60.234	ug/l		97
37) Trichloroethene	9.359	130	112377	44.156	ug/l		89
38) Methylcyclohexane	9.606	83	170475	54.486	ug/l		98
39) 1,2-Dichloropropane	9.624	63	117960	53.402	ug/l		96
40) Dibromomethane	9.712	93	82459	57.075	ug/l		99
41) Bromodichloromethane	9.888	83	167016	55.227	ug/l		99
42) Vinyl Acetate	6.618	43	1770137	491.503	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087164.D
Acq On : 25 Jun 2025 09:41
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 10:41:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.571	43	209283	82.779	ug/l		98
44) Isopropyl Acetate	8.694	43	318572	73.455	ug/l		97
45) 1,4-Dioxane	9.700	88	42097	1092.072	ug/l		90
46) Methyl methacrylate	9.683	41	142798	71.407	ug/l		95
47) n-amyl Acetate	12.518	43	180529	51.850	ug/l	#	100
48) t-1,3-Dichloropropene	10.835	75	196045	60.579	ug/l		100
49) cis-1,3-Dichloropropene	10.312	75	193737	54.427	ug/l		95
50) 1,1,2-Trichloroethane	11.018	97	120146	59.045	ug/l		98
51) Ethyl methacrylate	10.882	69	196419	59.603	ug/l		98
52) 1,3-Dichloropropane	11.165	76	208157	57.643	ug/l		98
53) Dibromochloromethane	11.359	129	128273	55.785	ug/l		98
54) 1,2-Dibromoethane	11.471	107	122070	58.689	ug/l		97
55) 2-Chloroethyl vinyl ether	10.159	63	502611	317.734	ug/l		100
56) Bromoform	12.576	173	86503	59.706	ug/l		99
58) 4-Methyl-2-Pentanone	10.447	43	987570	366.357	ug/l		100
59) 2-Hexanone	11.200	43	673308	348.700	ug/l		97
61) Tetrachloroethene	11.106	164	92124	29.832	ug/l		96
62) Toluene	10.630	91	526581	50.894	ug/l		99
64) Chlorobenzene	11.894	112	338627	51.320	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.959	131	111613	51.489	ug/l		98
66) Ethyl Benzene	11.965	91	589779	52.700	ug/l		99
67) m/p-Xylenes	12.071	106	454250	103.437	ug/l		99
68) o-Xylene	12.400	106	217114	51.013	ug/l		99
69) Styrene	12.412	104	379767	53.558	ug/l		99
70) Isopropylbenzene	12.694	105	547639	54.100	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.935	83	194527	80.826	ug/l		97
72) 1,2,3-Trichloropropane	12.994	75	161650m	57.309	ug/l		
73) Bromobenzene	12.982	156	130892	52.023	ug/l		98
74) n-propylbenzene	13.035	91	680365	56.743	ug/l		99
75) 2-Chlorotoluene	13.123	91	403198	52.390	ug/l		98
76) 1,3,5-Trimethylbenzene	13.171	105	458902	54.494	ug/l		99
77) t-1,4-Dichloro-2-butene	12.735	75	75763	65.634	ug/l		98
78) 4-Chlorotoluene	13.218	91	420022	55.095	ug/l		99
79) tert-butylbenzene	13.435	119	389222	53.458	ug/l		98
80) 1,2,4-Trimethylbenzene	13.482	105	466397	55.177	ug/l		98
81) sec-Butylbenzene	13.612	105	564906	56.952	ug/l		99
82) p-Isopropyltoluene	13.729	119	469774	56.404	ug/l		99
83) 1,3-Dichlorobenzene	13.729	146	257282	55.740	ug/l		100
84) 1,4-Dichlorobenzene	13.812	146	260975	56.816	ug/l		99
85) n-Butylbenzene	14.053	91	438545	62.894	ug/l		99
86) Hexachloroethane	14.329	117	86176	60.709	ug/l		99
87) 1,2-Dichlorobenzene	14.106	146	246553	55.373	ug/l		100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	43840	86.500	ug/l		92
89) 1,2,4-Trichlorobenzene	15.835	180	127450	68.396	ug/l		97
90) Hexachlorobutadiene	15.494	225	40360	50.535	ug/l		97
91) Naphthalene	15.635	128	528628	81.307	ug/l		99
92) 1,2,3-Trichlorobenzene	15.835	180	127450	68.396	ug/l		97

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

ICAL Form

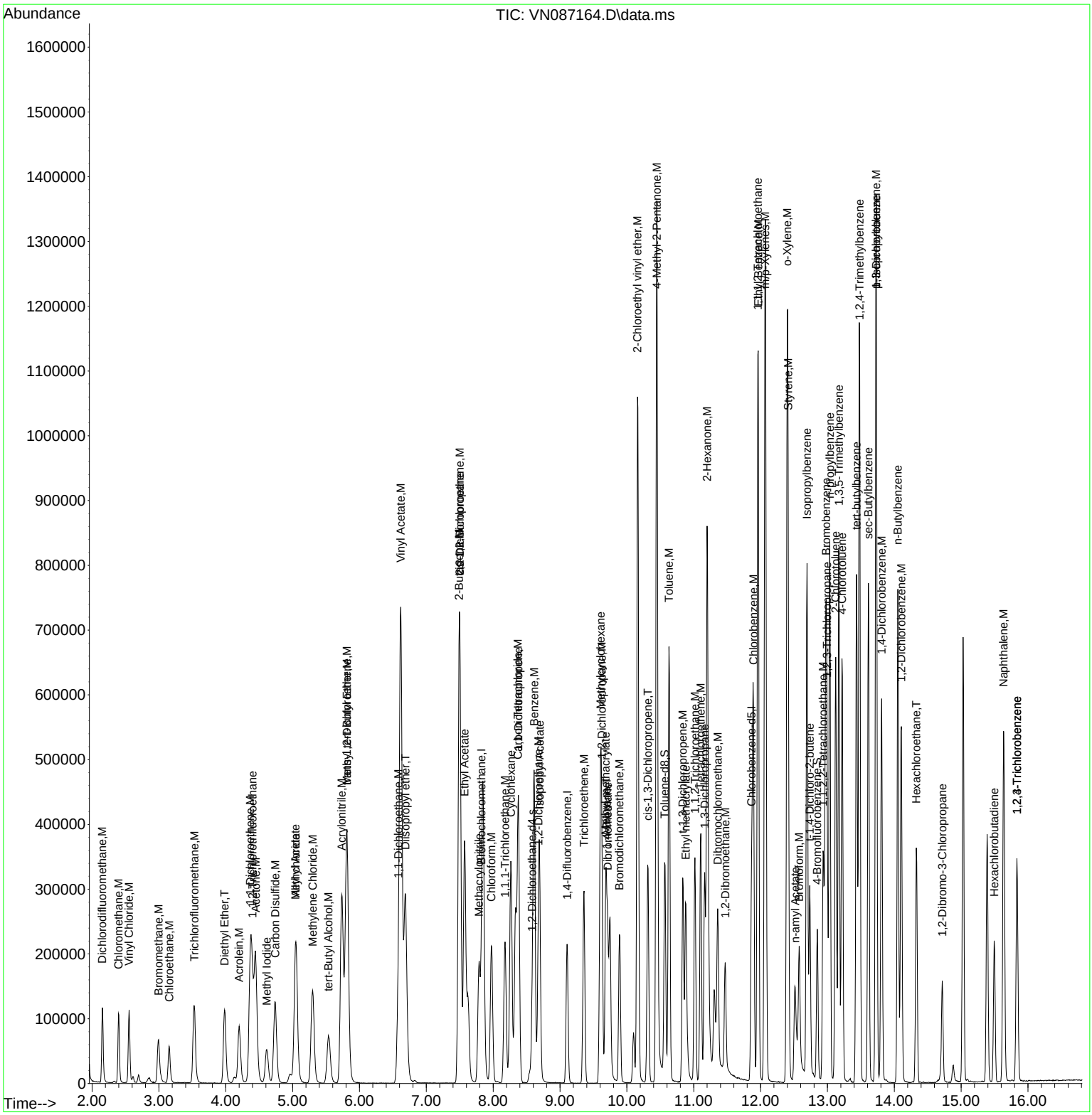
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087164.D
Acq On : 25 Jun 2025 09:41
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 10:41:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087165.D
Acq On : 25 Jun 2025 10:03
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.824	128	35618	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.106	114	201156	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	183622	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.588	65	79655	32.549	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.500%				
60) 4-Bromofluorobenzene	12.847	95	89811	31.153	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.833%				
63) Toluene-d8	10.570	98	240658	28.555	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.167%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.153	85	209048	86.416	ug/l		98
3) Chloromethane	2.395	50	219144	70.260	ug/l		99
4) Vinyl Chloride	2.553	62	231029	80.487	ug/l		96
5) Bromomethane	2.977	94	121155	79.663	ug/l		96
6) Chloroethane	3.147	64	127025	72.354	ug/l		96
7) Trichlorofluoromethane	3.524	101	284892	84.743	ug/l		99
8) Diethyl Ether	3.983	74	144856	103.296	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.394	101	211983	102.887	ug/l	#	89
10) 1,1-Dichloroethene	4.359	96	210381	100.157	ug/l		99
11) Methyl Iodide	4.612	142	223592	90.298	ug/l		94
12) Methyl Acetate	5.047	43	342955	147.018	ug/l		99
13) Acrolein	4.194	56	269423	1117.997	ug/l		98
14) Acrylonitrile	5.736	53	792103	729.677	ug/l		99
15) Acetone	4.447	58	221668	806.489	ug/l		88
16) Carbon Disulfide	4.736	76	599738	97.812	ug/l		99
17) Allyl chloride	5.047	41	352481	112.956	ug/l		96
18) Methylene Chloride	5.294	84	240448	98.570	ug/l		98
19) trans-1,2-Dichloroethene	5.806	96	227436	103.465	ug/l		98
20) Diisopropyl ether	6.688	45	754179	109.737	ug/l		96
21) 1,1-Dichloroethane	6.583	63	433300	104.470	ug/l		99
22) cis-1,2-Dichloroethene	7.500	96	269357	101.185	ug/l		98
23) tert-Butyl Alcohol	5.547	59	300461	861.903	ug/l	#	100
24) Methyl tert-Butyl Ether	5.812	73	760825	109.903	ug/l		98
25) Chloroform	7.977	83	423559	104.336	ug/l		98
26) Cyclohexane	8.265	56	380867	106.100	ug/l	#	97
29) 1,1-Dichloropropene	8.377	75	308919	104.450	ug/l		100
30) 2-Butanone	7.494	43	1060369	818.271	ug/l		99
31) 2,2-Dichloropropane	7.500	77	360566	103.280	ug/l		99
32) 1,1,1-Trichloroethane	8.177	97	351600	102.554	ug/l		99
33) Carbon Tetrachloride	8.371	117	300004	102.367	ug/l		98
34) Benzene	8.612	78	974806	101.298	ug/l		96
35) Methacrylonitrile	7.788	41	210741	141.572	ug/l		93
36) 1,2-Dichloroethane	8.677	62	306293	108.618	ug/l		98
37) Trichloroethene	9.359	130	225493	84.478	ug/l		91
38) Methylcyclohexane	9.606	83	369519	112.606	ug/l		97
39) 1,2-Dichloropropane	9.624	63	243095	104.928	ug/l		96
40) Dibromomethane	9.712	93	165326	109.106	ug/l		98
41) Bromodichloromethane	9.888	83	324962	102.452	ug/l		99
42) Vinyl Acetate	6.618	43	3371109	892.461	ug/l		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087165.D
Acq On : 25 Jun 2025 10:03
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 10:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.571	43	382364	144.198	ug/l		97
44) Isopropyl Acetate	8.694	43	615849	135.389	ug/l		97
45) 1,4-Dioxane	9.706	88	88061	2178.117	ug/l	#	94
46) Methyl methacrylate	9.682	41	289659	138.103	ug/l		98
47) n-amyl Acetate	12.506	43	386267	105.776	ug/l	#	100
48) t-1,3-Dichloropropene	10.835	75	371754	109.526	ug/l		99
49) cis-1,3-Dichloropropene	10.312	75	392118	105.031	ug/l		98
50) 1,1,2-Trichloroethane	11.018	97	222928	104.457	ug/l		98
51) Ethyl methacrylate	10.876	69	387380	112.077	ug/l		99
52) 1,3-Dichloropropane	11.165	76	388131	102.479	ug/l		99
53) Dibromochloromethane	11.359	129	243297	100.883	ug/l		98
54) 1,2-Dibromoethane	11.470	107	239775	109.913	ug/l		97
55) 2-Chloroethyl vinyl ether	10.159	63	1069566	644.669	ug/l		99
56) Bromoform	12.576	173	172827	113.736	ug/l		100
58) 4-Methyl-2-Pentanone	10.447	43	1927138	715.253	ug/l		100
59) 2-Hexanone	11.200	43	1309927	678.728	ug/l		98
61) Tetrachloroethene	11.106	164	172205	55.791	ug/l		96
62) Toluene	10.629	91	1005355	97.215	ug/l		99
64) Chlorobenzene	11.894	112	655778	99.433	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.959	131	216474	99.911	ug/l		98
66) Ethyl Benzene	11.965	91	1162597	103.936	ug/l		99
67) m/p-Xylenes	12.070	106	898830	204.771	ug/l		99
68) o-Xylene	12.394	106	432376	101.641	ug/l		99
69) Styrene	12.412	104	742364	104.745	ug/l		99
70) Isopropylbenzene	12.694	105	1079915	106.734	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.935	83	370997	154.224	ug/l		97
72) 1,2,3-Trichloropropane	12.994	75	313625m	111.241	ug/l		
73) Bromobenzene	12.976	156	255120	101.447	ug/l		98
74) n-propylbenzene	13.035	91	1337231	111.580	ug/l		98
75) 2-Chlorotoluene	13.123	91	795441	103.407	ug/l		98
76) 1,3,5-Trimethylbenzene	13.170	105	897353	106.611	ug/l		100
77) t-1,4-Dichloro-2-butene	12.735	75	154353	133.783	ug/l		91
78) 4-Chlorotoluene	13.217	91	819288	107.520	ug/l		100
79) tert-butylbenzene	13.435	119	765014	105.123	ug/l		98
80) 1,2,4-Trimethylbenzene	13.482	105	903551	106.945	ug/l		99
81) sec-Butylbenzene	13.611	105	1098188	110.769	ug/l		99
82) p-Isopropyltoluene	13.729	119	929641	111.672	ug/l		99
83) 1,3-Dichlorobenzene	13.729	146	504027	109.250	ug/l		100
84) 1,4-Dichlorobenzene	13.811	146	503947	109.765	ug/l		99
85) n-Butylbenzene	14.053	91	837235	120.131	ug/l		98
86) Hexachloroethane	14.329	117	169893	119.744	ug/l		97
87) 1,2-Dichlorobenzene	14.106	146	478012	107.409	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	86628	171.007	ug/l		92
89) 1,2,4-Trichlorobenzene	15.835	180	274932	147.614	ug/l		98
90) Hexachlorobutadiene	15.500	225	78874	98.806	ug/l		97
91) Naphthalene	15.635	128	1105491	170.116	ug/l		99
92) 1,2,3-Trichlorobenzene	15.835	180	274932	147.614	ug/l		98

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

ICAL Form

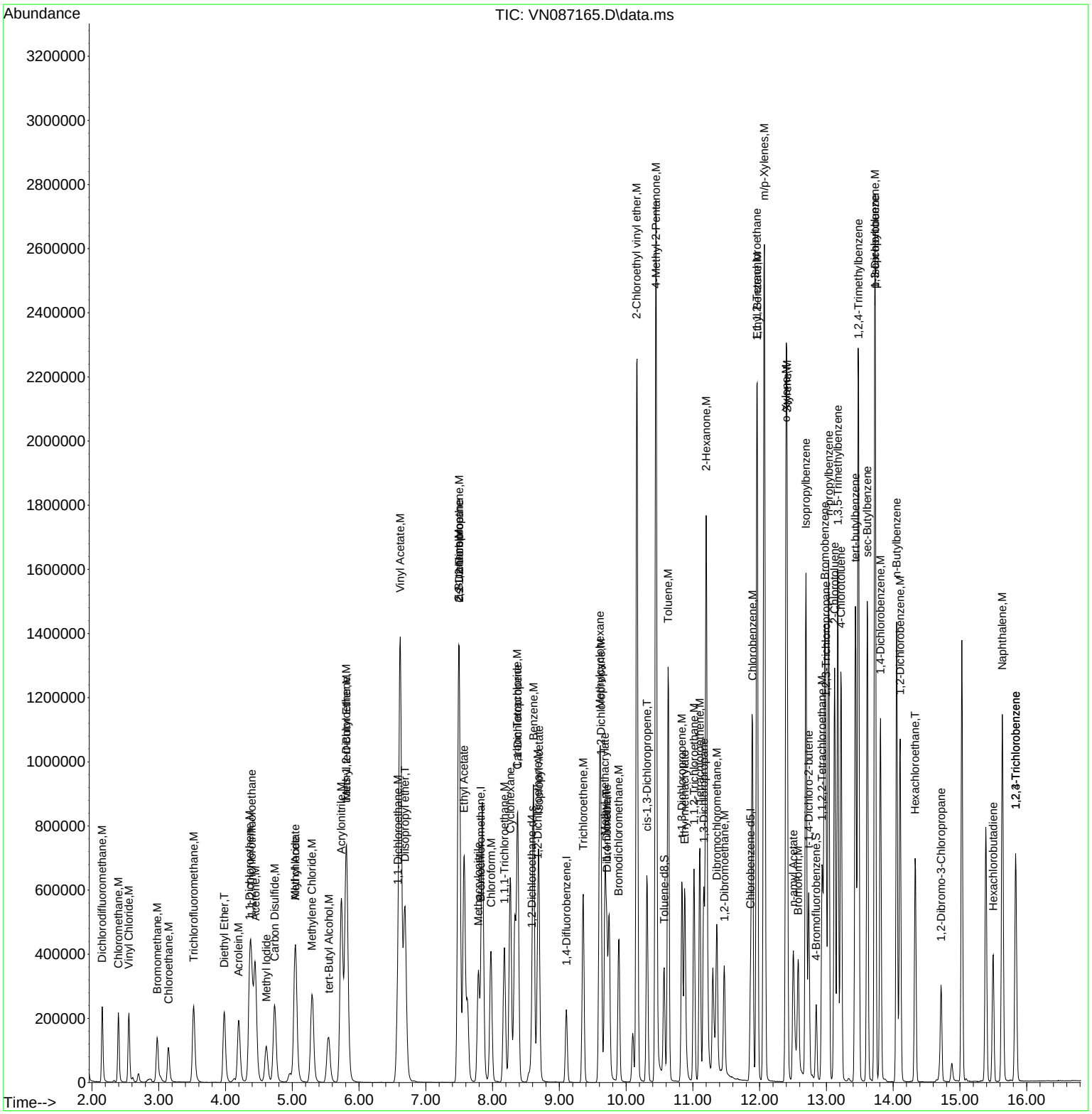
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087165.D
Acq On : 25 Jun 2025 10:03
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 10:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087166.D
Acq On : 25 Jun 2025 10:24
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:47:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.824	128	34436	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.106	114	194011	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	186774	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.588	65	74130	31.331	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.433%				
60) 4-Bromofluorobenzene	12.847	95	87432	29.816	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%				
63) Toluene-d8	10.571	98	247397	28.859	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.153	85	328743	140.560	ug/l		99
3) Chloromethane	2.395	50	344616	114.281	ug/l		100
4) Vinyl Chloride	2.553	62	380413	137.080	ug/l		96
5) Bromomethane	2.965	94	196072	133.348	ug/l		95
6) Chloroethane	3.142	64	199925	117.788	ug/l		98
7) Trichlorofluoromethane	3.518	101	438423	134.888	ug/l		99
8) Diethyl Ether	3.977	74	228664	168.656	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.394	101	330508	165.921	ug/l	#	88
10) 1,1-Dichloroethene	4.365	96	332121	163.541	ug/l		97
11) Methyl Iodide	4.612	142	363941	152.023	ug/l		96
12) Methyl Acetate	5.047	43	529248	234.665	ug/l		99
13) Acrolein	4.200	56	494100	2120.692	ug/l		100
14) Acrylonitrile	5.736	53	1229651	1171.622	ug/l		100
15) Acetone	4.447	58	335530	1262.652	ug/l		91
16) Carbon Disulfide	4.736	76	934684	157.671	ug/l		99
17) Allyl chloride	5.042	41	547297	181.407	ug/l		92
18) Methylene Chloride	5.294	84	370628	157.151	ug/l		98
19) trans-1,2-Dichloroethene	5.806	96	353679	166.418	ug/l		97
20) Diisopropyl ether	6.688	45	1127057	169.621	ug/l		96
21) 1,1-Dichloroethane	6.583	63	665820	166.042	ug/l		99
22) cis-1,2-Dichloroethene	7.500	96	431407	167.622	ug/l		96
23) tert-Butyl Alcohol	5.547	59	464693	1378.774	ug/l	#	100
24) Methyl tert-Butyl Ether	5.812	73	1188591	177.588	ug/l		97
25) Chloroform	7.977	83	646145	164.630	ug/l		99
26) Cyclohexane	8.265	56	593136	170.905	ug/l	#	97
29) 1,1-Dichloropropene	8.377	75	485720	170.277	ug/l		100
30) 2-Butanone	7.494	43	1653884	1323.281	ug/l		98
31) 2,2-Dichloropropane	7.500	77	567545	168.554	ug/l		100
32) 1,1,1-Trichloroethane	8.177	97	547772	165.656	ug/l		98
33) Carbon Tetrachloride	8.371	117	465916	164.834	ug/l		99
34) Benzene	8.612	78	1449530	156.178	ug/l		97
35) Methacrylonitrile	7.788	41	324629	226.112	ug/l		94
36) 1,2-Dichloroethane	8.677	62	456777	167.948	ug/l		98
37) Trichloroethene	9.359	130	344162	133.684	ug/l		91
38) Methylcyclohexane	9.606	83	564171	178.256	ug/l		96
39) 1,2-Dichloropropane	9.624	63	370597	165.854	ug/l		98
40) Dibromomethane	9.712	93	248835	170.265	ug/l		98
41) Bromodichloromethane	9.888	83	509473	166.539	ug/l		98
42) Vinyl Acetate	6.618	43	5152202	1414.217	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087166.D
Acq On : 25 Jun 2025 10:24
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:47:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.571	43	596805	233.358	ug/l		97
44) Isopropyl Acetate	8.694	43	922972	210.380	ug/l		96
45) 1,4-Dioxane	9.706	88	136174	3492.194	ug/l	#	93
46) Methyl methacrylate	9.682	41	448002	221.464	ug/l		98
47) n-amyl Acetate	12.500	43	635191	180.347	ug/l	#	100
48) t-1,3-Dichloropropene	10.835	75	593288	181.231	ug/l		100
49) cis-1,3-Dichloropropene	10.312	75	629822	174.914	ug/l		99
50) 1,1,2-Trichloroethane	11.018	97	355131	172.532	ug/l		98
51) Ethyl methacrylate	10.876	69	631073	189.307	ug/l		97
52) 1,3-Dichloropropane	11.165	76	622735	170.477	ug/l		98
53) Dibromochloromethane	11.359	129	393072	168.990	ug/l		98
54) 1,2-Dibromoethane	11.470	107	376916	179.142	ug/l		98
55) 2-Chloroethyl vinyl ether	10.165	63	1674601	1046.520	ug/l		99
56) Bromoform	12.576	173	267364	182.430	ug/l		100
58) 4-Methyl-2-Pentanone	10.447	43	2972532	1084.631	ug/l		97
59) 2-Hexanone	11.200	43	2111404	1075.545	ug/l		98
61) Tetrachloroethene	11.106	164	281420	89.636	ug/l		97
62) Toluene	10.629	91	1606715	152.743	ug/l		98
64) Chlorobenzene	11.894	112	1032685	153.939	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.959	131	340847	154.659	ug/l		99
66) Ethyl Benzene	11.965	91	1822466	160.178	ug/l		99
67) m/p-Xylenes	12.070	106	1394481	312.329	ug/l		99
68) o-Xylene	12.394	106	672570	155.436	ug/l		99
69) Styrene	12.412	104	1159533	160.846	ug/l		98
70) Isopropylbenzene	12.694	105	1669808	162.251	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.935	83	567347	231.867	ug/l		98
72) 1,2,3-Trichloropropane	12.994	75	471614m	164.456	ug/l		
73) Bromobenzene	12.976	156	398769	155.892	ug/l		96
74) n-propylbenzene	13.035	91	2036919	167.094	ug/l		98
75) 2-Chlorotoluene	13.123	91	1222718	156.271	ug/l		98
76) 1,3,5-Trimethylbenzene	13.170	105	1356652	158.459	ug/l		99
77) t-1,4-Dichloro-2-butene	12.735	75	240560	204.982	ug/l		94
78) 4-Chlorotoluene	13.217	91	1255673	162.009	ug/l		99
79) tert-butylbenzene	13.435	119	1162060	156.987	ug/l		98
80) 1,2,4-Trimethylbenzene	13.482	105	1387864	161.497	ug/l		100
81) sec-Butylbenzene	13.612	105	1597517	158.414	ug/l		99
82) p-Isopropyltoluene	13.729	119	1349971	159.427	ug/l		99
83) 1,3-Dichlorobenzene	13.729	146	729988	155.558	ug/l		100
84) 1,4-Dichlorobenzene	13.812	146	736335	157.675	ug/l		99
85) n-Butylbenzene	14.053	91	1220446	172.161	ug/l		99
86) Hexachloroethane	14.329	117	249792	173.087	ug/l		96
87) 1,2-Dichlorobenzene	14.106	146	693617	153.225	ug/l		100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	137557	266.961	ug/l		92
89) 1,2,4-Trichlorobenzene	15.835	180	429237	226.572	ug/l		97
90) Hexachlorobutadiene	15.500	225	120167	147.993	ug/l		98
91) Naphthalene	15.635	128	1756242	265.695	ug/l		99
92) 1,2,3-Trichlorobenzene	15.835	180	429237	226.572	ug/l		97

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

ICAL Form

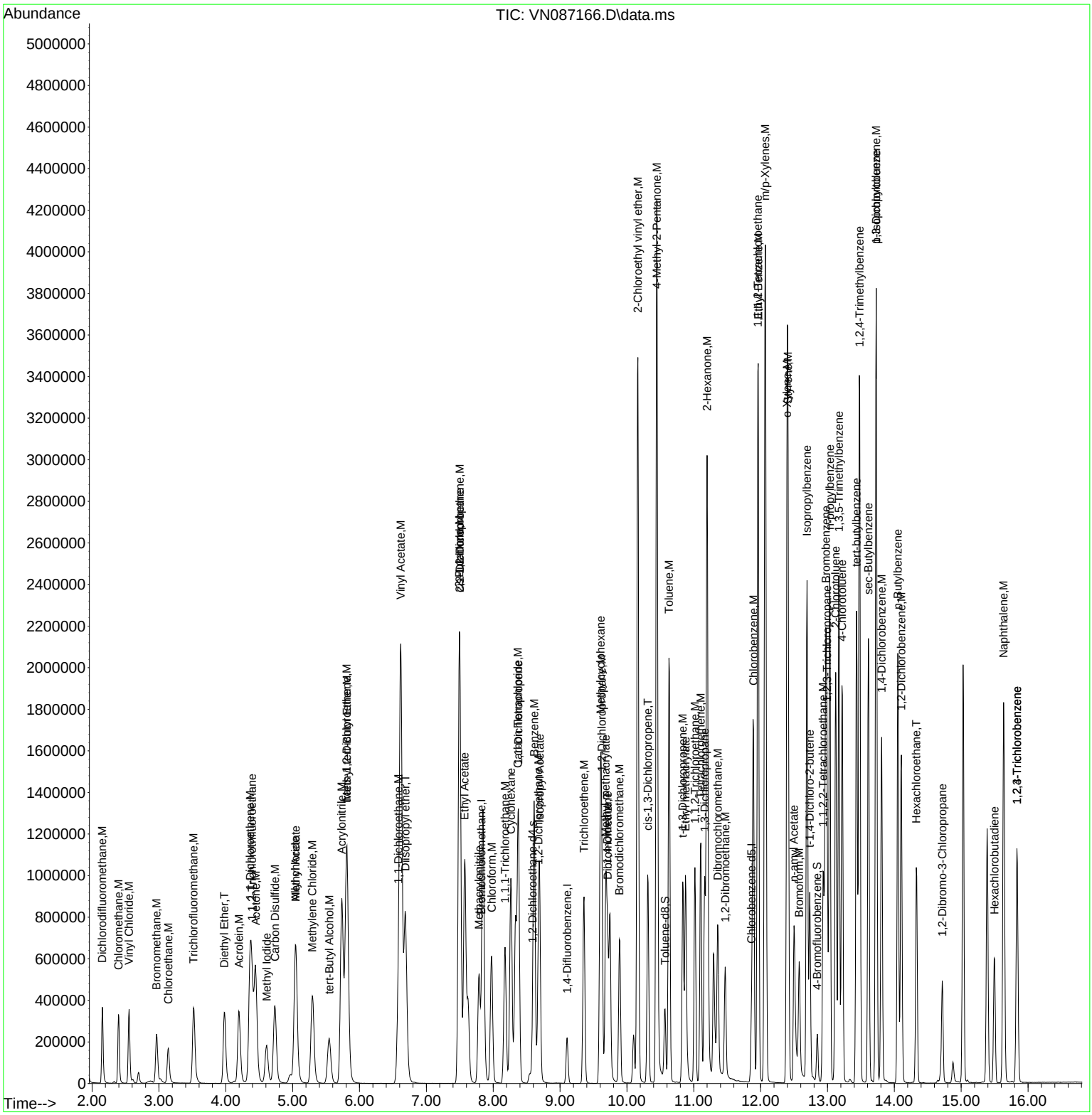
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087166.D
Acq On : 25 Jun 2025 10:24
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 10:47:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:38:24 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Manual Integrations APPROVED

Reviewed By :John Carlone

06/25/2025
Supervised By :Mahesh Dadoda

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.829	128	35075	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.106	114	195745	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	185221	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.588	65	78569	29.730	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.100%				
60) 4-Bromofluorobenzene	12.847	95	87563	30.636	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.133%				
63) Toluene-d8	10.565	98	253524	30.485	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.153	85	39936	18.915	ug/l		89
3) Chloromethane	2.400	50	40578	18.816	ug/l		95
4) Vinyl Chloride	2.553	62	40792	17.404	ug/l		99
5) Bromomethane	3.000	94	25492	20.494	ug/l		97
6) Chloroethane	3.153	64	24041	19.122	ug/l		99
7) Trichlorofluoromethane	3.530	101	54078	18.810	ug/l		100
8) Diethyl Ether	3.989	74	27463	19.443	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.400	101	40891	19.184	ug/l	#	88
10) 1,1-Dichloroethene	4.365	96	40670	19.141	ug/l		89
11) Methyl Iodide	4.612	142	29562	15.530	ug/l		94
12) Methyl Acetate	5.047	43	65886	19.769	ug/l		96
13) Acrolein	4.206	56	54597	106.612	ug/l		100
14) Acrylonitrile	5.741	53	153387	98.671	ug/l		99
15) Acetone	4.447	58	44493	98.119	ug/l		89
16) Carbon Disulfide	4.741	76	116947	18.825	ug/l		98
17) Allyl chloride	5.053	41	64340	18.360	ug/l		93
18) Methylene Chloride	5.306	84	46095	18.727	ug/l		97
19) trans-1,2-Dichloroethene	5.812	96	44162	19.006	ug/l		97
20) Diisopropyl ether	6.688	45	142767	19.202	ug/l		99
21) 1,1-Dichloroethane	6.588	63	77314	17.398	ug/l		99
22) cis-1,2-Dichloroethene	7.494	96	51043	18.875	ug/l		97
23) tert-Butyl Alcohol	5.536	59	60387	103.292	ug/l	#	100
24) Methyl tert-Butyl Ether	5.812	73	144916	19.447	ug/l		99
25) Chloroform	7.977	83	75565	17.750	ug/l		99
26) Cyclohexane	8.271	56	64739	17.527	ug/l	#	99
29) 1,1-Dichloropropene	8.382	75	56214	18.425	ug/l		98
30) 2-Butanone	7.494	43	198883	96.637	ug/l		99
31) 2,2-Dichloropropane	7.500	77	71663	19.459	ug/l		97
32) 1,1,1-Trichloroethane	8.177	97	63831	17.908	ug/l		98
33) Carbon Tetrachloride	8.371	117	54332	18.113	ug/l		99
34) Benzene	8.612	78	167939	17.375	ug/l		99
35) Methacrylonitrile	7.782	41	36192	17.450	ug/l		96
36) 1,2-Dichloroethane	8.676	62	58192	18.634	ug/l		99
37) Trichloroethene	9.353	130	44053	19.760	ug/l		93
38) Methylcyclohexane	9.606	83	67623	19.317	ug/l		99
39) 1,2-Dichloropropane	9.623	63	47099	19.414	ug/l		99
40) Dibromomethane	9.712	93	31445	19.062	ug/l		98
41) Bromodichloromethane	9.894	83	65145	19.565	ug/l		96
42) Vinyl Acetate	6.618	43	564048	84.264	ug/l		97

06/26/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Manual Integrations APPROVED

Reviewed By :John Carlone

06/25/2025
Supervised By :Mahesh Dadoda

06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	76982	20.721	ug/l	98
44) Isopropyl Acetate	8.694	43	113470	18.746	ug/l	100
45) 1,4-Dioxane	9.700	88	17828	435.392	ug/l	98
46) Methyl methacrylate	9.682	41	53380	18.970	ug/l	96
47) n-amyl Acetate	12.541	43	61525m	16.625	ug/l	
48) t-1,3-Dichloropropene	10.835	75	72502	19.532	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	76780	19.457	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	44707	19.079	ug/l	96
51) Ethyl methacrylate	10.882	69	66937	18.768	ug/l	96
52) 1,3-Dichloropropane	11.165	76	76546	19.027	ug/l	99
53) Dibromochloromethane	11.359	129	47380	19.262	ug/l	97
54) 1,2-Dibromoethane	11.470	107	45103	18.656	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	184630	90.312	ug/l	99
56) Bromoform	12.576	173	31131	18.410	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	364138	97.791	ug/l	99
59) 2-Hexanone	11.206	43	209381	87.081	ug/l	97
61) Tetrachloroethene	11.106	164	33844	18.451	ug/l	95
62) Toluene	10.629	91	196885	18.821	ug/l	97
64) Chlorobenzene	11.894	112	126668	18.982	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	41822	18.969	ug/l	98
66) Ethyl Benzene	11.965	91	211991	18.514	ug/l	100
67) m/p-Xylenes	12.070	106	164422	37.473	ug/l	99
68) o-Xylene	12.394	106	80694	19.277	ug/l	97
69) Styrene	12.412	104	133644	18.596	ug/l	100
70) Isopropylbenzene	12.694	105	203011	19.473	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	72297	19.266	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	63592m	19.651	ug/l	
73) Bromobenzene	12.982	156	47294	18.701	ug/l	99
74) n-propylbenzene	13.035	91	247990	19.471	ug/l	99
75) 2-Chlorotoluene	13.123	91	150115	19.509	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	166512	19.619	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	27150	18.914	ug/l	98
78) 4-Chlorotoluene	13.223	91	155736	19.761	ug/l	100
79) tert-butylbenzene	13.435	119	139520	19.556	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	166385	19.523	ug/l	98
81) sec-Butylbenzene	13.611	105	209004	20.153	ug/l	100
82) p-Isopropyltoluene	13.729	119	172978	20.042	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	94477	19.400	ug/l	100
84) 1,4-Dichlorobenzene	13.811	146	96182	19.624	ug/l	100
85) n-Butylbenzene	14.053	91	162667	20.658	ug/l	99
86) Hexachloroethane	14.335	117	30688	18.784	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	89313	19.450	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16536	19.570	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	50315	19.367	ug/l	97
90) Hexachlorobutadiene	15.494	225	17346	22.501	ug/l	96
91) Naphthalene	15.635	128	193989	18.973	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	50315	19.367	ug/l	97

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

ICAL Form

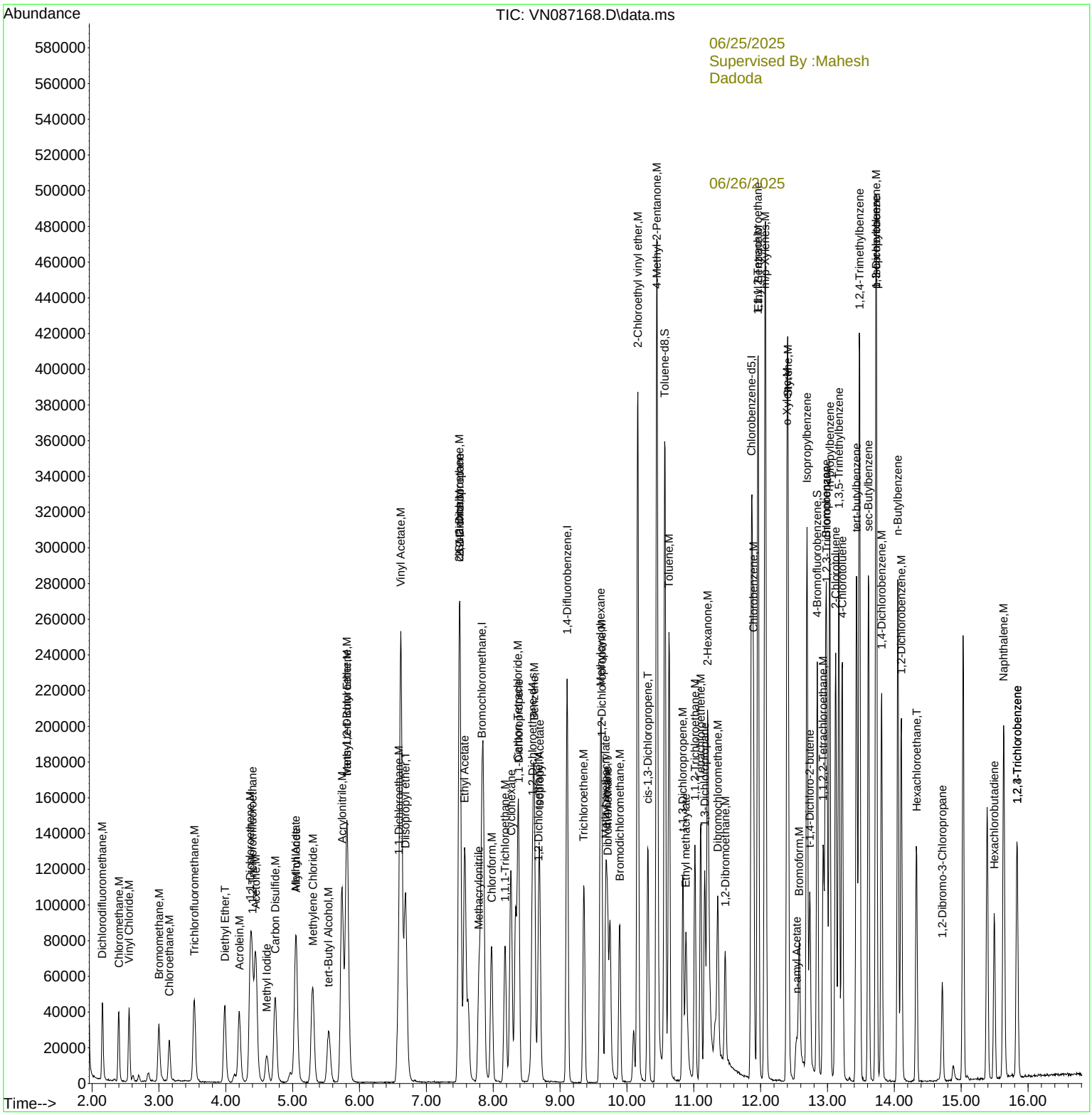
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Manual Integrations APPROVED

Reviewed By :John Carlone



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 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	Bromochloromethane	1.000	1.000	0.0	100	0.00
2	M	Dichlorodifluoromethane	1.806	1.708	5.4	104	0.00
3	M	Chloromethane	1.844	1.735	5.9	111	0.00
4	M	Vinyl Chloride	2.005	1.744	13.0	97	0.00
5	M	Bromomethane	1.064	1.090	-2.4	113	0.00
6	M	Chloroethane	1.075	1.028	4.4	107	0.00
7	M	Trichlorofluoromethane	2.459	2.313	5.9	100	0.00
8	T	Diethyl Ether	1.208	1.174	2.8	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.823	1.749	4.1	104	0.00
10	M	1,1-Dichloroethene	1.817	1.739	4.3	104	0.00
11		Methyl Iodide	1.628	1.264	22.4	98	0.00
12		Methyl Acetate	2.851	2.818	1.2	108	0.00
13	M	Acrolein	0.438	0.467	-6.6	130	0.00
14	M	Acrylonitrile	1.330	1.312	1.4	107	0.00
15	M	Acetone	0.388	0.381	1.8	104	0.00
16	M	Carbon Disulfide	5.313	5.001	5.9	103	0.00
17		Allyl chloride	2.997	2.752	8.2	100	0.01
18	M	Methylene Chloride	2.105	1.971	6.4	101	0.00
19	M	trans-1,2-Dichloroethene	1.987	1.889	4.9	104	0.00
20	T	Diisopropyl ether	6.359	6.106	4.0	101	0.00
21	M	1,1-Dichloroethane	3.801	3.306	13.0	92	0.00
22	M	cis-1,2-Dichloroethene	2.313	2.183	5.6	104	0.00
23	M	tert-Butyl Alcohol	0.500	0.516	-3.2	114	0.00
24	M	Methyl tert-Butyl Ether	6.374	6.197	2.8	108	0.00
25	M	Chloroform	3.641	3.232	11.2	97	0.00
26		Cyclohexane	3.159	2.769	12.3	98	0.00
27	s	1,2-Dichloroethane-d4	2.260	2.240	0.9	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.468	0.431	7.9	107	0.00
30	M	2-Butanone	0.315	0.305	3.2	106	0.00
31		2,2-Dichloropropane	0.564	0.549	2.7	106	0.00
32	M	1,1,1-Trichloroethane	0.546	0.489	10.4	98	0.00
33	M	Carbon Tetrachloride	0.460	0.416	9.6	105	0.00
34	M	Benzene	1.481	1.287	13.1	98	0.00
35		Methacrylonitrile	0.318	0.277	12.9	97	0.00
36	M	1,2-Dichloroethane	0.479	0.446	6.9	101	0.00
37	M	Trichloroethene	0.342	0.338	1.2	114	0.00
38		Methylcyclohexane	0.537	0.518	3.5	110	0.00
39	M	1,2-Dichloropropane	0.372	0.361	3.0	104	0.00
40		Dibromomethane	0.253	0.241	4.7	103	0.00
41	M	Bromodichloromethane	0.510	0.499	2.2	103	0.00
42	M	Vinyl Acetate	1.026	0.864	15.8	91	0.00
43		Ethyl Acetate	0.569	0.590	-3.7	105	0.00
44		Isopropyl Acetate	0.928	0.870	6.3	104	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	120	0.00
46		Methyl methacrylate	0.431	0.409	5.1	103	0.00
47		n-amyl Acetate	0.567	0.471	16.9	93	0.01
48	M	t-1,3-Dichloropropene	0.569	0.556	2.3	108	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 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	cis-1,3-Dichloropropene	0.605	0.588	2.8	103	0.00
50	M	1,1,2-Trichloroethane	0.359	0.343	4.5	103	0.00
51		Ethyl methacrylate	0.547	0.513	6.2	109	0.00
52		1,3-Dichloropropane	0.617	0.587	4.9	102	0.00
53	M	Dibromochloromethane	0.377	0.363	3.7	106	0.00
54	M	1,2-Dibromoethane	0.371	0.346	6.7	100	0.00
55	M	2-Chloroethyl vinyl ether	0.313	0.283	9.6	97	0.00
56	M	Bromoform	0.259	0.239	7.7	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.603	0.590	2.2	107	0.00
59	M	2-Hexanone	0.389	0.339	12.9	105	0.00
60	S	4-Bromofluorobenzene	0.463	0.473	-2.2	105	0.00
61	M	Tetrachloroethene	0.297	0.274	7.7	102	0.00
62	M	Toluene	1.694	1.594	5.9	103	0.00
63	S	Toluene-d8	1.347	1.369	-1.6	98	0.00
64	M	Chlorobenzene	1.081	1.026	5.1	104	0.00
65		1,1,1,2-Tetrachloroethane	0.357	0.339	5.0	104	0.00
66	M	Ethyl Benzene	1.855	1.717	7.4	104	0.00
67	M	m/p-Xylenes	0.711	0.666	6.3	104	0.00
68	M	o-Xylene	0.678	0.653	3.7	108	0.00
69	M	Styrene	1.164	1.082	7.0	104	0.00
70		Isopropylbenzene	1.689	1.644	2.7	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.608	0.585	3.8	103	0.00
72		1,2,3-Trichloropropane	0.524	0.515	1.7	110	0.00
73		Bromobenzene	0.410	0.383	6.6	106	0.00
74		n-propylbenzene	2.063	2.008	2.7	111	0.00
75		2-Chlorotoluene	1.246	1.216	2.4	112	0.00
76		1,3,5-Trimethylbenzene	1.375	1.348	2.0	114	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.220	5.2	112	0.00
78		4-Chlorotoluene	1.276	1.261	1.2	114	0.00
79		tert-butylbenzene	1.156	1.130	2.2	114	0.00
80		1,2,4-Trimethylbenzene	1.380	1.347	2.4	114	0.00
81		sec-Butylbenzene	1.680	1.693	-0.8	115	0.00
82		p-Isopropyltoluene	1.398	1.401	-0.2	110	0.00
83	M	1,3-Dichlorobenzene	0.789	0.765	3.0	106	0.00
84	M	1,4-Dichlorobenzene	0.794	0.779	1.9	109	0.00
85		n-Butylbenzene	1.275	1.317	-3.3	114	0.00
86	T	Hexachloroethane	0.265	0.249	6.0	109	0.00
87	M	1,2-Dichlorobenzene	0.744	0.723	2.8	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.137	0.134	2.2	109	0.00
89		1,2,4-Trichlorobenzene	0.421	0.407	3.3	107	0.00
90		Hexachlorobutadiene	0.125	0.140	-12.0	125	0.00
91	M	Naphthalene	1.656	1.571	5.1	109	0.00
92		1,2,3-Trichlorobenzene	0.421	0.407	3.3	107	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 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	Bromochloromethane	30.000	30.000	0.0	100	0.00
2	M	Dichlorodifluoromethane	20.000	18.915	5.4	104	0.00
3	M	Chloromethane	20.000	18.816	5.9	111	0.00
4	M	Vinyl Chloride	20.000	17.404	13.0	97	0.00
5	M	Bromomethane	20.000	20.494	-2.5	113	0.00
6	M	Chloroethane	20.000	19.122	4.4	107	0.00
7	M	Trichlorofluoromethane	20.000	18.810	6.0	100	0.00
8	T	Diethyl Ether	20.000	19.443	2.8	109	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.184	4.1	104	0.00
10	M	1,1-Dichloroethene	20.000	19.141	4.3	104	0.00
11		Methyl Iodide	20.000	15.530	22.4	98	0.00
12		Methyl Acetate	20.000	19.769	1.2	108	0.00
13	M	Acrolein	100.000	106.612	-6.6	130	0.00
14	M	Acrylonitrile	100.000	98.671	1.3	107	0.00
15	M	Acetone	100.000	98.119	1.9	104	0.00
16	M	Carbon Disulfide	20.000	18.825	5.9	103	0.00
17		Allyl chloride	20.000	18.360	8.2	100	0.01
18	M	Methylene Chloride	20.000	18.727	6.4	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.006	5.0	104	0.00
20	T	Diisopropyl ether	20.000	19.202	4.0	101	0.00
21	M	1,1-Dichloroethane	20.000	17.398	13.0	92	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.875	5.6	104	0.00
23	M	tert-Butyl Alcohol	100.000	103.292	-3.3	114	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.447	2.8	108	0.00
25	M	Chloroform	20.000	17.750	11.3	97	0.00
26		Cyclohexane	20.000	17.527	12.4	98	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.730	0.9	97	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29		1,1-Dichloropropene	20.000	18.425	7.9	107	0.00
30	M	2-Butanone	100.000	96.637	3.4	106	0.00
31		2,2-Dichloropropane	20.000	19.459	2.7	106	0.00
32	M	1,1,1-Trichloroethane	20.000	17.908	10.5	98	0.00
33	M	Carbon Tetrachloride	20.000	18.113	9.4	105	0.00
34	M	Benzene	20.000	17.375	13.1	98	0.00
35		Methacrylonitrile	20.000	17.450	12.8	97	0.00
36	M	1,2-Dichloroethane	20.000	18.634	6.8	101	0.00
37	M	Trichloroethene	20.000	19.760	1.2	114	0.00
38		Methylcyclohexane	20.000	19.317	3.4	110	0.00
39	M	1,2-Dichloropropane	20.000	19.414	2.9	104	0.00
40		Dibromomethane	20.000	19.062	4.7	103	0.00
41	M	Bromodichloromethane	20.000	19.565	2.2	103	0.00
42	M	Vinyl Acetate	100.000	84.264	15.7	91	0.00
43		Ethyl Acetate	20.000	20.721	-3.6	105	0.00
44		Isopropyl Acetate	20.000	18.746	6.3	104	0.00
45	T	1,4-Dioxane	400.000	435.392	-8.8	120	0.00
46		Methyl methacrylate	20.000	18.970	5.2	103	0.00
47		n-amyl Acetate	20.000	16.625	16.9	93	0.01
48	M	t-1,3-Dichloropropene	20.000	19.532	2.3	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062525

Quant Time: Jun 25 15:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 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	cis-1,3-Dichloropropene	20.000	19.457	2.7	103	0.00
50	M	1,1,2-Trichloroethane	20.000	19.079	4.6	103	0.00
51		Ethyl methacrylate	20.000	18.768	6.2	109	0.00
52		1,3-Dichloropropane	20.000	19.027	4.9	102	0.00
53	M	Dibromochloromethane	20.000	19.262	3.7	106	0.00
54	M	1,2-Dibromoethane	20.000	18.656	6.7	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	90.312	9.7	97	0.00
56	M	Bromoform	20.000	18.410	7.9	102	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	100.000	97.791	2.2	107	0.00
59	M	2-Hexanone	100.000	87.081	12.9	105	0.00
60	S	4-Bromofluorobenzene	30.000	30.636	-2.1	105	0.00
61	M	Tetrachloroethene	20.000	18.451	7.7	102	0.00
62	M	Toluene	20.000	18.821	5.9	103	0.00
63	S	Toluene-d8	30.000	30.485	-1.6	98	0.00
64	M	Chlorobenzene	20.000	18.982	5.1	104	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.969	5.2	104	0.00
66	M	Ethyl Benzene	20.000	18.514	7.4	104	0.00
67	M	m/p-Xylenes	40.000	37.473	6.3	104	0.00
68	M	o-Xylene	20.000	19.277	3.6	108	0.00
69	M	Styrene	20.000	18.596	7.0	104	0.00
70		Isopropylbenzene	20.000	19.473	2.6	111	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.266	3.7	103	0.00
72		1,2,3-Trichloropropane	20.000	19.651	1.7	110	0.00
73		Bromobenzene	20.000	18.701	6.5	106	0.00
74		n-propylbenzene	20.000	19.471	2.6	111	0.00
75		2-Chlorotoluene	20.000	19.509	2.5	112	0.00
76		1,3,5-Trimethylbenzene	20.000	19.619	1.9	114	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.914	5.4	112	0.00
78		4-Chlorotoluene	20.000	19.761	1.2	114	0.00
79		tert-butylbenzene	20.000	19.556	2.2	114	0.00
80		1,2,4-Trimethylbenzene	20.000	19.523	2.4	114	0.00
81		sec-Butylbenzene	20.000	20.153	-0.8	115	0.00
82		p-Isopropyltoluene	20.000	20.042	-0.2	110	0.00
83	M	1,3-Dichlorobenzene	20.000	19.400	3.0	106	0.00
84	M	1,4-Dichlorobenzene	20.000	19.624	1.9	109	0.00
85		n-Butylbenzene	20.000	20.658	-3.3	114	0.00
86	T	Hexachloroethane	20.000	18.784	6.1	109	0.00
87	M	1,2-Dichlorobenzene	20.000	19.450	2.8	108	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.570	2.1	109	0.00
89		1,2,4-Trichlorobenzene	20.000	19.367	3.2	107	0.00
90		Hexachlorobutadiene	20.000	22.501	-12.5	125	0.00
91	M	Naphthalene	20.000	18.973	5.1	109	0.00
92		1,2,3-Trichlorobenzene	20.000	19.367	3.2	107	0.00

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

Raw Data: **VN087163.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: TULL01

Lab Code: CHEM Case No.: Q2349 SAS No.: Q2349 SDG No.: Q2349

Instrument ID: MSVOA_N Calibration Date/Time: 06/25/2025 09:20

Lab File ID: VN087163.D Init. Calib. Date(s): 06/25/2025 06/25/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:59 10:24

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.481	1.309		-11.61	
Toluene	1.694	1.550		-8.5	
Ethyl Benzene	1.855	1.649		-11.1	
m/p-Xylenes	0.711	0.636		-10.55	
o-Xylene	0.678	0.604		-10.91	
1,2-Dichloroethane-d4	2.260	2.309		2.17	
Toluene-d8	1.347	1.399		3.86	
4-Bromofluorobenzene	0.463	0.448		-3.24	

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\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 10:35:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	35021	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.106	114	196036	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	185687	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	80849	33.600	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.000%#			
60) 4-Bromofluorobenzene	12.847	95	83246	28.555	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.167%			
63) Toluene-d8	10.565	98	259828	30.486	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	38576	16.218	ug/l	97
3) Chloromethane	2.395	50	36457	11.888	ug/l	98
4) Vinyl Chloride	2.553	62	42008	14.885	ug/l	93
5) Bromomethane	3.001	94	22531	15.067	ug/l	93
6) Chloroethane	3.153	64	22548	13.062	ug/l	98
7) Trichlorofluoromethane	3.530	101	54211	16.400	ug/l	97
8) Diethyl Ether	3.983	74	25082	18.191	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	39250	19.375	ug/l	86
10) 1,1-Dichloroethene	4.371	96	39141	18.952	ug/l	99
11) Methyl Iodide	4.612	142	30168	12.391	ug/l	95
12) Methyl Acetate	5.047	43	61084	26.632	ug/l	94
13) Acrolein	4.206	56	41919	176.912	ug/l	100
14) Acrylonitrile	5.736	53	143262	134.221	ug/l	98
15) Acetone	4.453	58	42803	158.384	ug/l	88
16) Carbon Disulfide	4.736	76	113169	18.771	ug/l	100
17) Allyl chloride	5.042	41	64418	20.995	ug/l	92
18) Methylene Chloride	5.300	84	45462	18.954	ug/l	96
19) trans-1,2-Dichloroethene	5.806	96	42521	19.673	ug/l	90
20) Diisopropyl ether	6.689	45	142052	21.022	ug/l	94
21) 1,1-Dichloroethane	6.583	63	83594	20.498	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	48862	18.668	ug/l	93
23) tert-Butyl Alcohol	5.536	59	52931	154.426	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	133867	19.667	ug/l	95
25) Chloroform	7.971	83	77659	19.456	ug/l	98
26) Cyclohexane	8.265	56	65879	18.665	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	52341	18.159	ug/l	99
30) 2-Butanone	7.494	43	186786	147.905	ug/l	97
31) 2,2-Dichloropropane	7.500	77	67667	19.889	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	65006	19.456	ug/l	99
33) Carbon Tetrachloride	8.371	117	51957	18.192	ug/l	96
34) Benzene	8.612	78	171052	18.239	ug/l #	94
35) Methacrylonitrile	7.788	41	37169	25.622	ug/l	95
36) 1,2-Dichloroethane	8.671	62	57773	21.023	ug/l	96
37) Trichloroethene	9.353	130	38479	14.792	ug/l	94
38) Methylcyclohexane	9.606	83	61684	19.288	ug/l	96
39) 1,2-Dichloropropane	9.624	63	45479	20.143	ug/l	99
40) Dibromomethane	9.712	93	30677	20.774	ug/l	97
41) Bromodichloromethane	9.894	83	63009	20.384	ug/l	99
42) Vinyl Acetate	6.618	43	619269	168.226	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 10:35:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.571	43	73261	28.350 ug/l	99
44) Isopropyl Acetate	8.694	43	109066	24.603 ug/l	92
45) 1,4-Dioxane	9.700	88	14898	378.114 ug/l	94
46) Methyl methacrylate	9.682	41	51785	25.335 ug/l	94
47) n-amyl Acetate	12.529	43	66120m	18.579 ug/l	
48) t-1,3-Dichloropropene	10.835	75	66870	20.216 ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	74233	20.403 ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	43535	20.932 ug/l	97
51) Ethyl methacrylate	10.882	69	61428	18.237 ug/l	97
52) 1,3-Dichloropropane	11.165	76	74825	20.272 ug/l	99
53) Dibromochloromethane	11.359	129	44787	19.056 ug/l	99
54) 1,2-Dibromoethane	11.471	107	44953	21.145 ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	189897	117.448 ug/l	99
56) Bromoform	12.576	173	30532	20.618 ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	338778	124.338 ug/l	97
59) 2-Hexanone	11.206	43	199560	102.251 ug/l	99
61) Tetrachloroethene	11.106	164	33143	10.618 ug/l	93
62) Toluene	10.629	91	191888	18.349 ug/l	99
64) Chlorobenzene	11.888	112	121902	18.278 ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	40342	18.412 ug/l	99
66) Ethyl Benzene	11.965	91	204111	18.045 ug/l	97
67) m/p-Xylenes	12.070	106	157576	35.500 ug/l	98
68) o-Xylene	12.394	106	74793	17.386 ug/l	99
69) Styrene	12.412	104	128666	17.953 ug/l	98
70) Isopropylbenzene	12.694	105	183132	17.899 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	70012	28.780 ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	57564m	20.191 ug/l	
73) Bromobenzene	12.982	156	44654	17.559 ug/l	89
74) n-propylbenzene	13.035	91	223685	18.457 ug/l	98
75) 2-Chlorotoluene	13.123	91	133694	17.187 ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	146137	17.169 ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	24271	20.803 ug/l	93
78) 4-Chlorotoluene	13.217	91	137101	17.793 ug/l	99
79) tert-butylbenzene	13.435	119	122243	16.611 ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	145827	17.068 ug/l	99
81) sec-Butylbenzene	13.612	105	182391	18.192 ug/l	99
82) p-Isopropyltoluene	13.729	119	156830	18.630 ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	88727	19.018 ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	88343	19.028 ug/l	99
85) n-Butylbenzene	14.053	91	142647	20.240 ug/l	99
86) Hexachloroethane	14.329	117	28116	19.596 ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	82984	18.439 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.711	75	15132	29.539 ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	46967	24.937 ug/l	96
90) Hexachlorobutadiene	15.494	225	13876	17.189 ug/l	99
91) Naphthalene	15.635	128	178532	27.168 ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	46967	24.937 ug/l	96

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

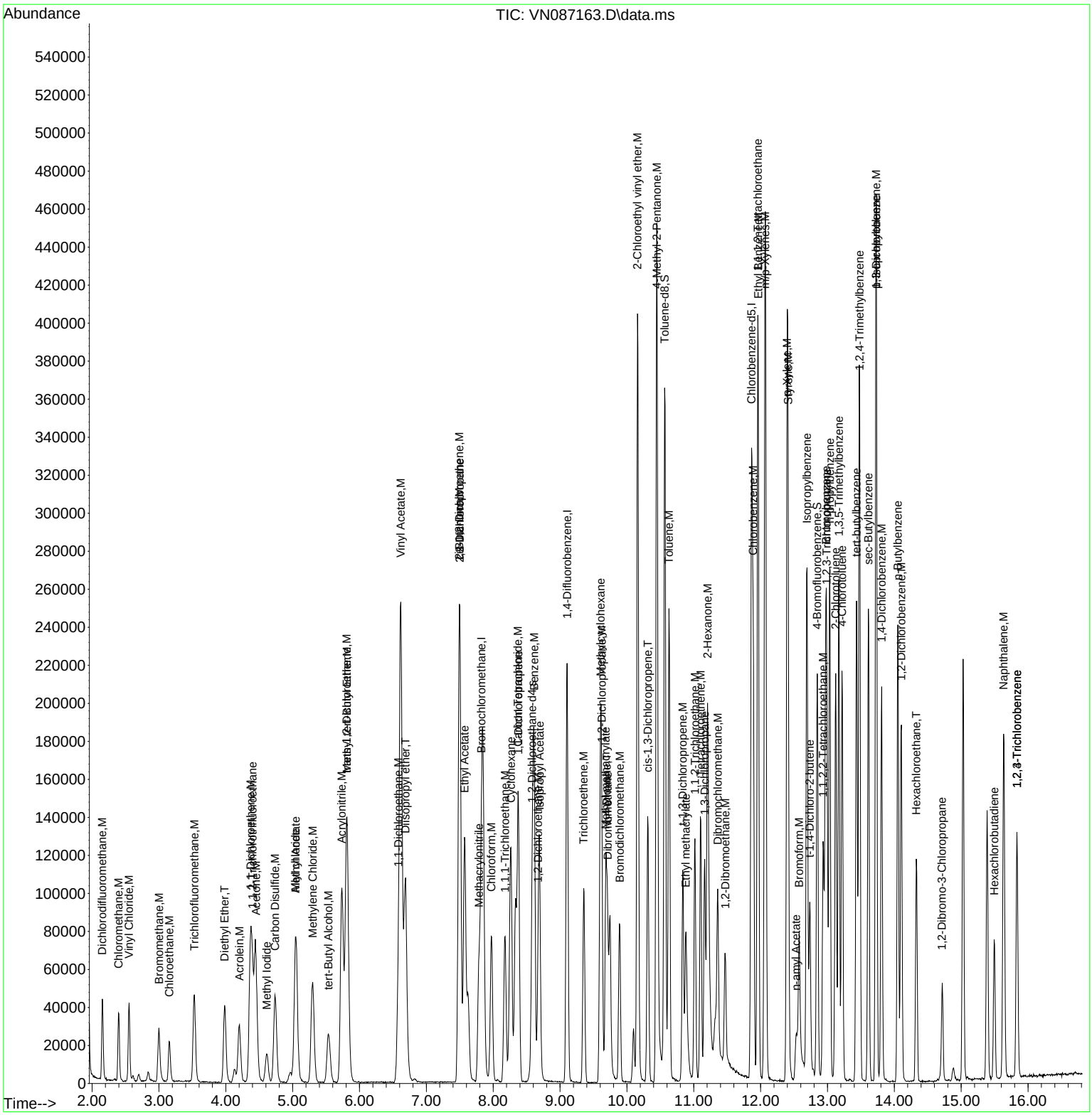
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 10:35:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



QC SAMPLE DATA

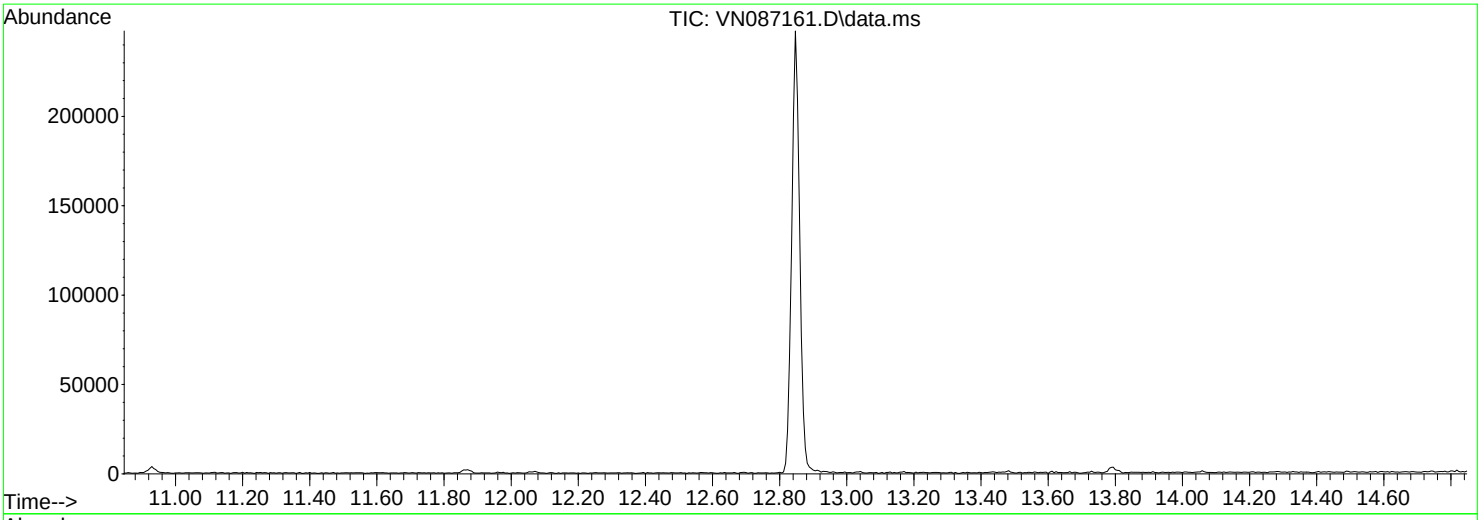
Sample Results: **VN087161.D**

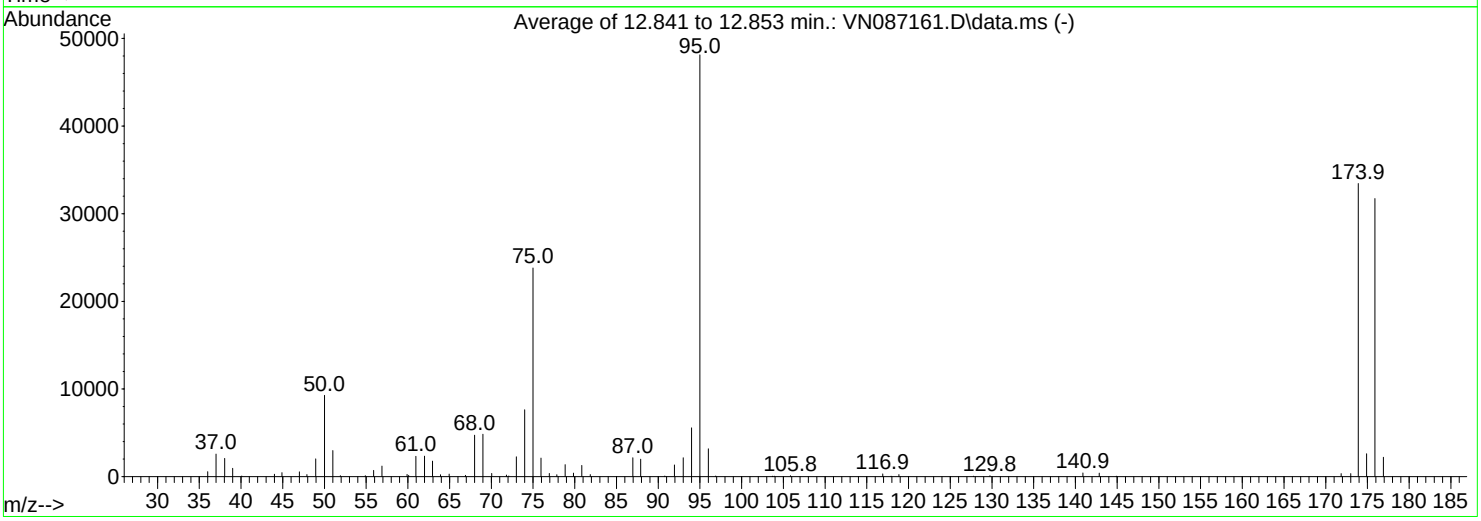
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087161.D
Acq On : 25 Jun 2025 08:25
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Jun 25 10:49:56 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1844

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	9267	PASS
75	95	30	60	49.5	23800	PASS
95	95	100	100	100.0	48128	PASS
96	95	5	9	6.6	3180	PASS
173	174	0.00	2	1.1	357	PASS
174	95	50	100	69.5	33453	PASS
175	174	5	9	7.8	2606	PASS
176	174	95	101	94.8	31725	FAIL*
177	176	5	9	7.0	2211	PASS

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

Report of Analysis

Client:	Tully Environmental, Inc		Date Collected:		
Project:	Transfer Station-SPDES		Date Received:		
Client Sample ID:	VN0625WBL01		SDG No.:	Q2349	
Lab Sample ID:	VN0625WBL01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units: mL		Final Vol:	5000	uL
Soil Aliquot Vol:	uL		Test:	VOC-BTEX	
GC Column:	RXI-624 ID : 0.25		Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087171.D	1		06/25/25 12:36	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	0.46	U	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.8		91 - 110	96%	SPK: 30
2037-26-5	Toluene-d8	29.6		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.4		63 - 112	91%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	33600	7.824			
540-36-3	1,4-Difluorobenzene	189000	9.106			
3114-55-4	Chlorobenzene-d5	167000	11.865			

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\VN062525\
Data File : VN087171.D
Acq On : 25 Jun 2025 12:36
Operator : JC\MD
Sample : VN0625WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBL01

Quant Time: Jun 25 15:30:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

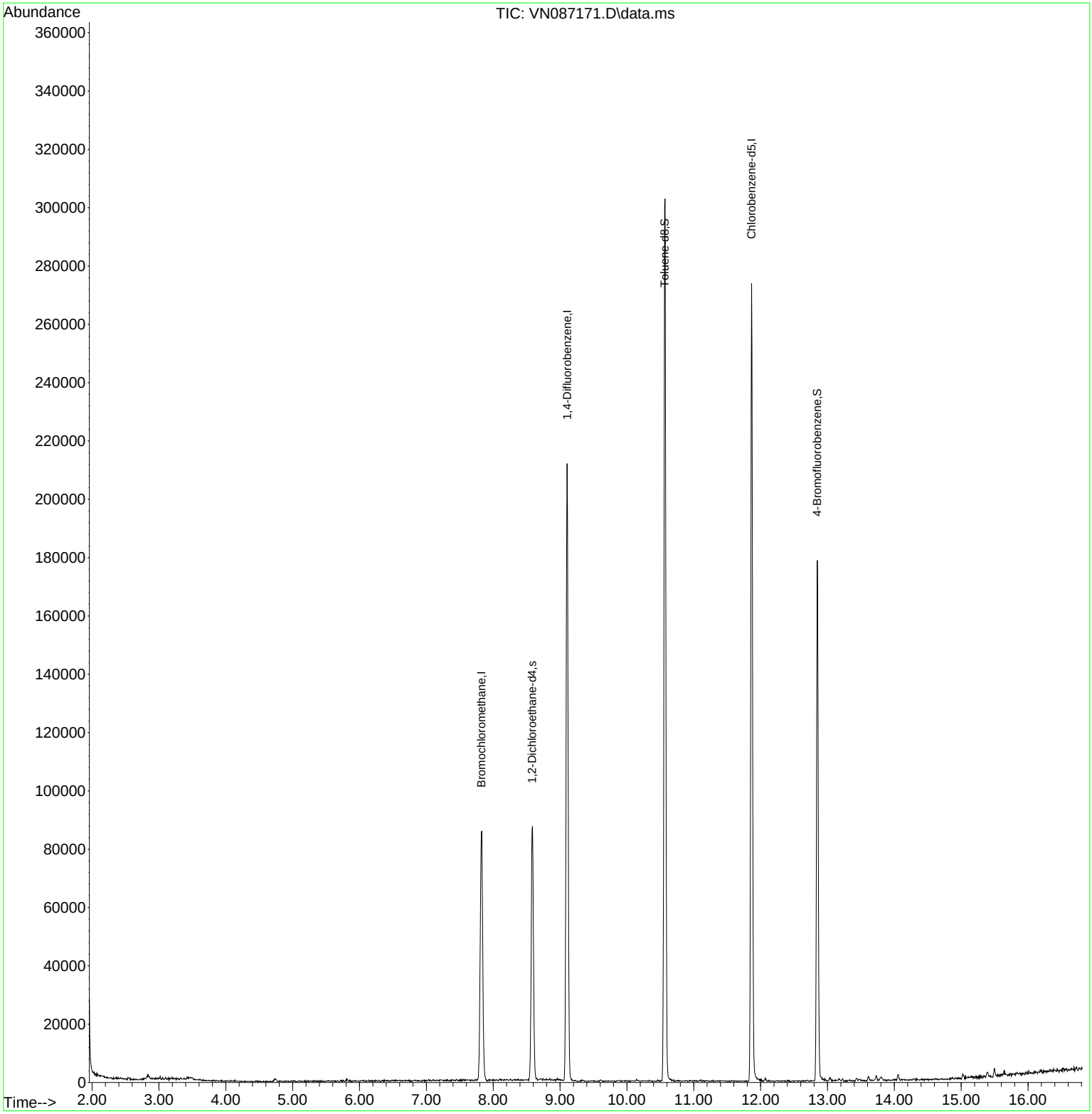
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	33553	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	188572	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	167117	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	72893	28.834	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.100%			
60) 4-Bromofluorobenzene	12.847	95	70577	27.368	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.233%			
63) Toluene-d8	10.565	98	222058	29.594	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.633%			
Target Compounds						Qvalue

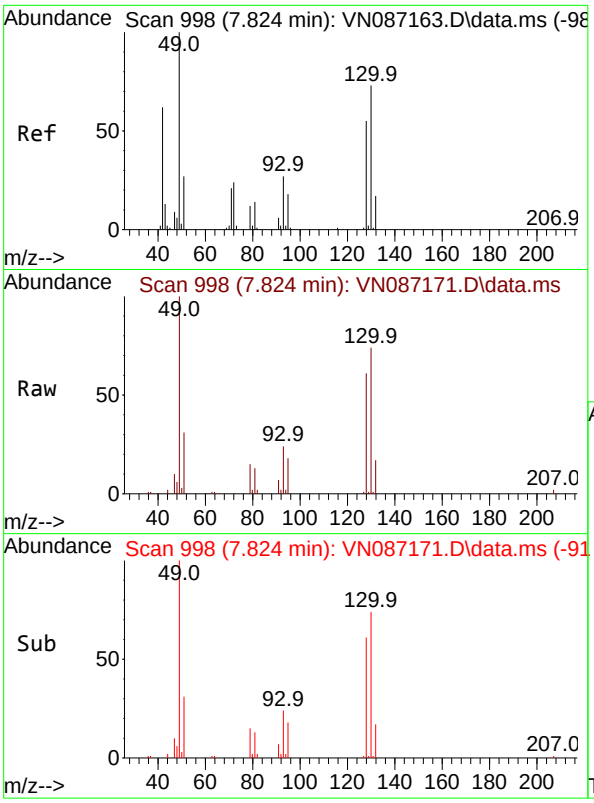
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087171.D
Acq On : 25 Jun 2025 12:36
Operator : JC\MD
Sample : VN0625WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBL01

Quant Time: Jun 25 15:30:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration



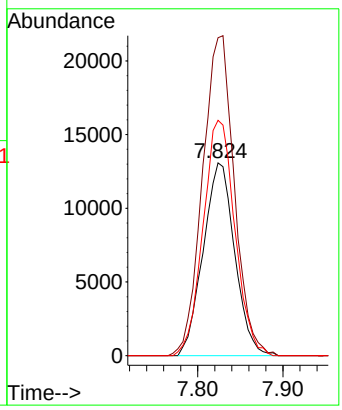


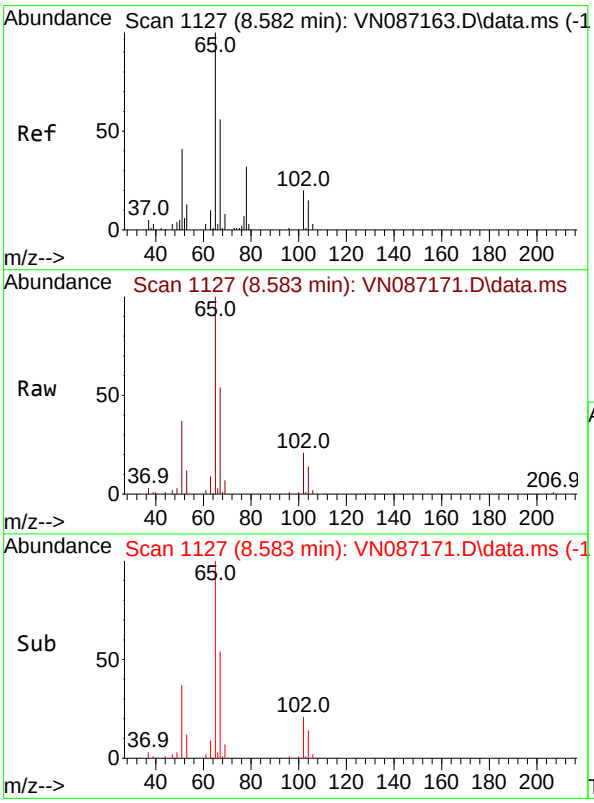
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087171.D
Acq: 25 Jun 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBL01

Tgt Ion:128 Resp: 33553

Ion	Ratio	Lower	Upper
128	100		
49	167.4	0.0	450.5
130	123.4	0.0	320.7

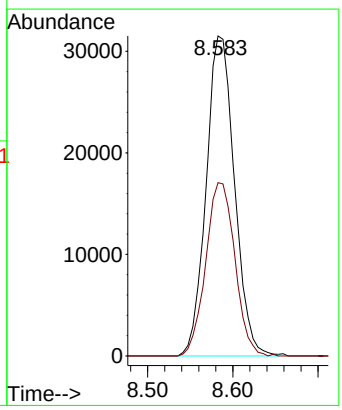


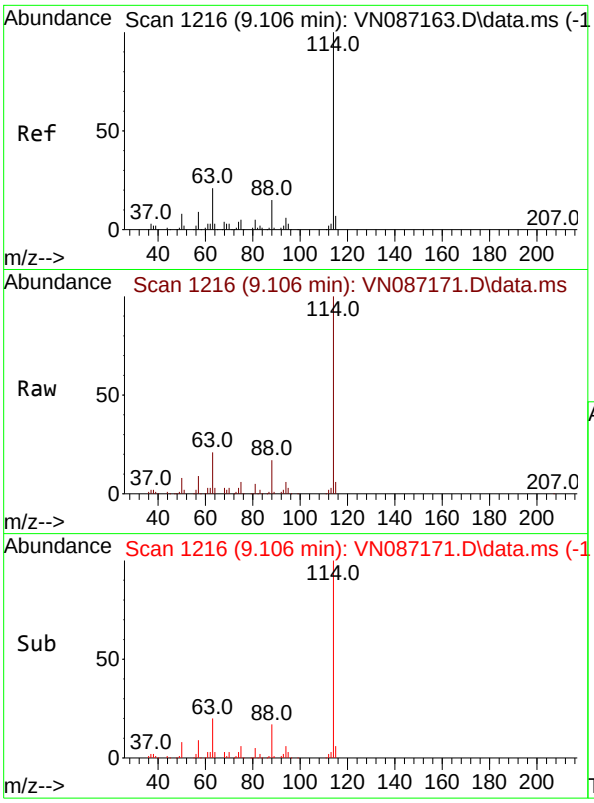


#27
1,2-Dichloroethane-d4
Concen: 28.834 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087171.D
Acq: 25 Jun 2025 12:36

Tgt Ion: 65 Resp: 72893

Ion	Ratio	Lower	Upper
65	100		
67	55.6	41.9	62.9



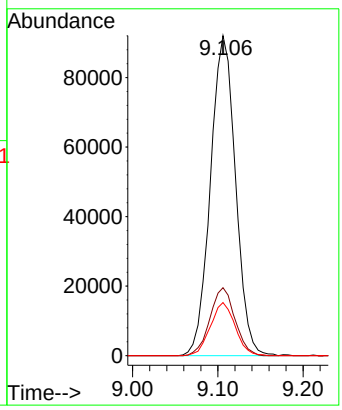


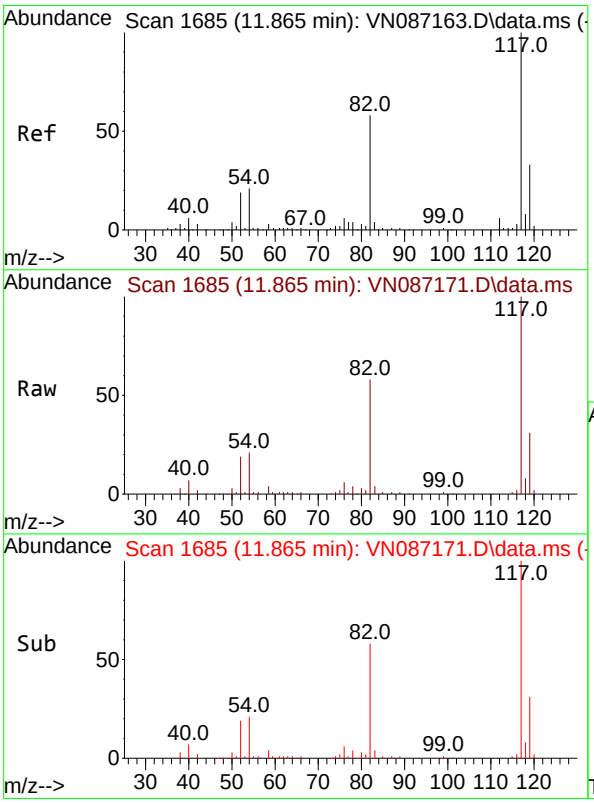
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087171.D
Acq: 25 Jun 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBL01

Tgt Ion:114 Resp: 188572

Ion	Ratio	Lower	Upper
114	100		
63	21.1	17.0	25.4
88	16.4	12.6	19.0

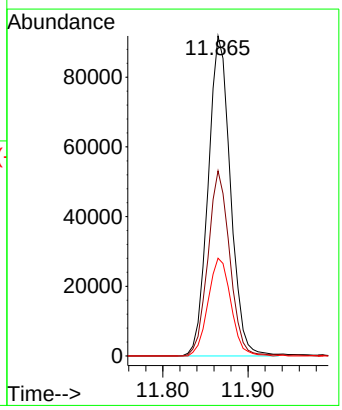


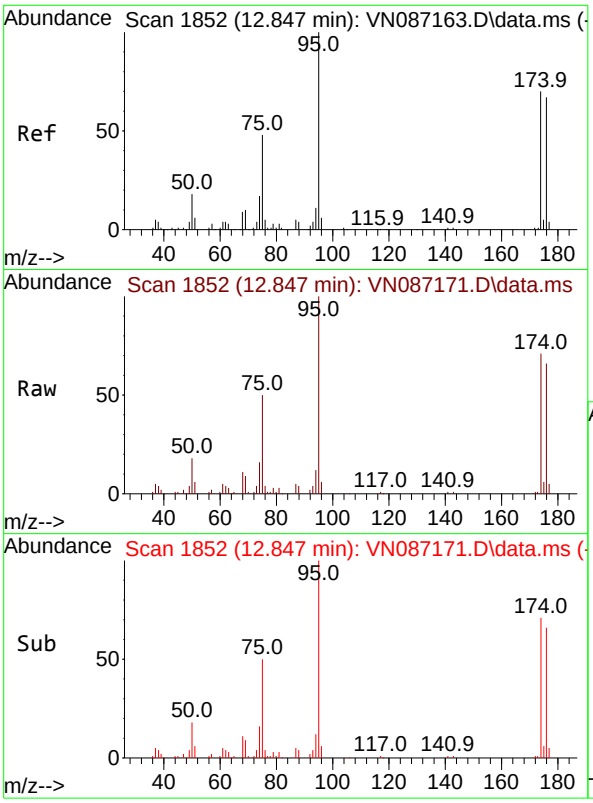


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087171.D
Acq: 25 Jun 2025 12:36

Tgt Ion:117 Resp: 167117

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.2
119	31.3	26.2	39.4



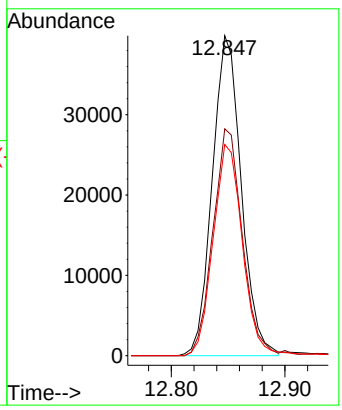


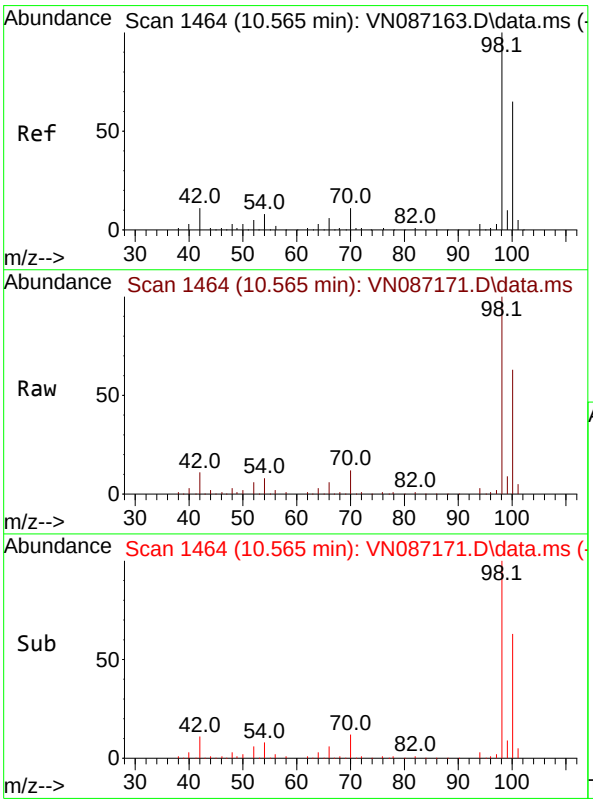
#60
4-Bromofluorobenzene
Concen: 27.368 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087171.D
Acq: 25 Jun 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBL01

Tgt Ion: 95 Resp: 70577

Ion	Ratio	Lower	Upper
95	100		
174	71.4	54.5	81.7
176	66.7	51.9	77.9

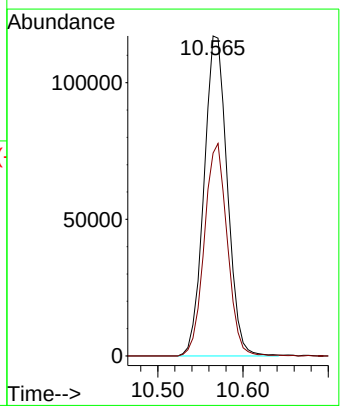




#63
Toluene-d8
Concen: 29.594 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087171.D
Acq: 25 Jun 2025 12:36

Tgt Ion: 98 Resp: 222058

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7



Raw Data: **VN087169.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	
Project:	Transfer Station-SPDES	Date Received:	
Client Sample ID:	VN0625WBS01	SDG No.:	Q2349
Lab Sample ID:	VN0625WBS01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087169.D	1		06/25/25 11:41	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	18.8		0.45	5.00	ug/L
108-88-3	Toluene	17.9		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	38.3		1.30	10.0	ug/L
95-47-6	o-Xylene	18.8		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.0		91 - 110	97%	SPK: 30
2037-26-5	Toluene-d8	28.7		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.8		63 - 112	103%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	40100	7.824			
540-36-3	1,4-Difluorobenzene	222000	9.106			
3114-55-4	Chlorobenzene-d5	199000	11.865			

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\VN062525\
Data File : VN087169.D
Acq On : 25 Jun 2025 11:41
Operator : JC\MD
Sample : VN0625WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 15:30:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	40080	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	221679	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	199254	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	87573	28.999	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.667%			
60) 4-Bromofluorobenzene	12.847	95	94645	30.782	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.600%			
63) Toluene-d8	10.571	98	256751	28.699	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	41812	17.330	ug/l	96
3) Chloromethane	2.401	50	43300	17.571	ug/l	98
4) Vinyl Chloride	2.554	62	47028	17.559	ug/l	91
5) Bromomethane	3.001	94	26489	18.636	ug/l	92
6) Chloroethane	3.153	64	26233	18.260	ug/l	94
7) Trichlorofluoromethane	3.530	101	57697	17.563	ug/l	97
8) Diethyl Ether	3.983	74	29561	18.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.400	101	43880	18.016	ug/l #	88
10) 1,1-Dichloroethene	4.365	96	43568	17.945	ug/l	99
11) Methyl Iodide	4.618	142	35161	16.165	ug/l	88
12) Methyl Acetate	5.047	43	69413	18.227	ug/l	100
13) Acrolein	4.200	56	56887	97.212	ug/l	100
14) Acrylonitrile	5.736	53	162189	91.304	ug/l	99
15) Acetone	4.447	58	47077	90.854	ug/l	88
16) Carbon Disulfide	4.736	76	123503	17.398	ug/l	99
17) Allyl chloride	5.053	41	69431	17.338	ug/l	96
18) Methylene Chloride	5.300	84	51541	18.325	ug/l	96
19) trans-1,2-Dichloroethene	5.806	96	47120	17.747	ug/l	98
20) Diisopropyl ether	6.689	45	156504	18.421	ug/l	95
21) 1,1-Dichloroethane	6.589	63	91207	17.962	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	57247	18.526	ug/l	96
23) tert-Butyl Alcohol	5.536	59	63522	95.086	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	155727	18.288	ug/l	97
25) Chloroform	7.977	83	88621	18.217	ug/l	97
26) Cyclohexane	8.271	56	75788	17.956	ug/l #	96
29) 1,1-Dichloropropene	8.383	75	64548	18.682	ug/l	99
30) 2-Butanone	7.494	43	221213	94.912	ug/l	98
31) 2,2-Dichloropropane	7.500	77	78376	18.792	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	74460	18.446	ug/l	99
33) Carbon Tetrachloride	8.371	117	61832	18.202	ug/l	99
34) Benzene	8.612	78	205474	18.771	ug/l	97
35) Methacrylonitrile	7.788	41	46011	19.588	ug/l	94
36) 1,2-Dichloroethane	8.677	62	65022	18.385	ug/l	98
37) Trichloroethene	9.359	130	45986	18.214	ug/l	95
38) Methylcyclohexane	9.606	83	69209	17.457	ug/l	99
39) 1,2-Dichloropropane	9.624	63	48851	17.781	ug/l	100
40) Dibromomethane	9.712	93	32408	17.348	ug/l	98
41) Bromodichloromethane	9.888	83	65305	17.318	ug/l	99
42) Vinyl Acetate	6.618	43	702638	92.688	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087169.D
Acq On : 25 Jun 2025 11:41
Operator : JC\MD
Sample : VN0625WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 15:30:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	83363	19.813	ug/l	100
44) Isopropyl Acetate	8.694	43	126593	18.467	ug/l	97
45) 1,4-Dioxane	9.706	88	18671	402.635	ug/l	96
46) Methyl methacrylate	9.688	41	54327	17.048	ug/l	98
47) n-amyl Acetate	12.535	43	62203m	14.842	ug/l	
48) t-1,3-Dichloropropene	10.841	75	72995	17.365	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	77553	17.354	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	46680	17.590	ug/l	94
51) Ethyl methacrylate	10.882	69	69376	17.176	ug/l	97
52) 1,3-Dichloropropane	11.165	76	81841	17.964	ug/l	98
53) Dibromochloromethane	11.359	129	48580	17.439	ug/l	99
54) 1,2-Dibromoethane	11.465	107	46668	17.045	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	184712	79.782	ug/l	99
56) Bromoform	12.576	173	34260	17.891	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	367651	91.781	ug/l	99
59) 2-Hexanone	11.206	43	228657	88.400	ug/l	98
61) Tetrachloroethene	11.106	164	35640	18.062	ug/l	98
62) Toluene	10.629	91	201899	17.941	ug/l	98
64) Chlorobenzene	11.894	112	136015	18.948	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	44912	18.935	ug/l	97
66) Ethyl Benzene	11.965	91	233773	18.979	ug/l	98
67) m/p-Xylenes	12.071	106	180563	38.254	ug/l	97
68) o-Xylene	12.400	106	84663	18.801	ug/l	98
69) Styrene	12.412	104	144499	18.691	ug/l	99
70) Isopropylbenzene	12.694	105	216458	19.300	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	79763	19.758	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	57506m	16.519	ug/l	
73) Bromobenzene	12.976	156	50908	18.712	ug/l	99
74) n-propylbenzene	13.035	91	269660	19.681	ug/l	99
75) 2-Chlorotoluene	13.123	91	161011	19.451	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	182359	19.973	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	28284	18.317	ug/l	93
78) 4-Chlorotoluene	13.218	91	168956	19.929	ug/l	98
79) tert-butylbenzene	13.435	119	150328	19.587	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	181619	19.810	ug/l	99
81) sec-Butylbenzene	13.612	105	224608	20.132	ug/l	100
82) p-Isopropyltoluene	13.729	119	186913	20.132	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	101885	19.448	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	102280	19.398	ug/l	98
85) n-Butylbenzene	14.053	91	163249	19.271	ug/l	99
86) Hexachloroethane	14.329	117	32432	18.454	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	87155	17.644	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16914	18.607	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	50391	18.031	ug/l	97
90) Hexachlorobutadiene	15.500	225	16395	19.769	ug/l	98
91) Naphthalene	15.635	128	198987	18.091	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	50391	18.031	ug/l	97

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

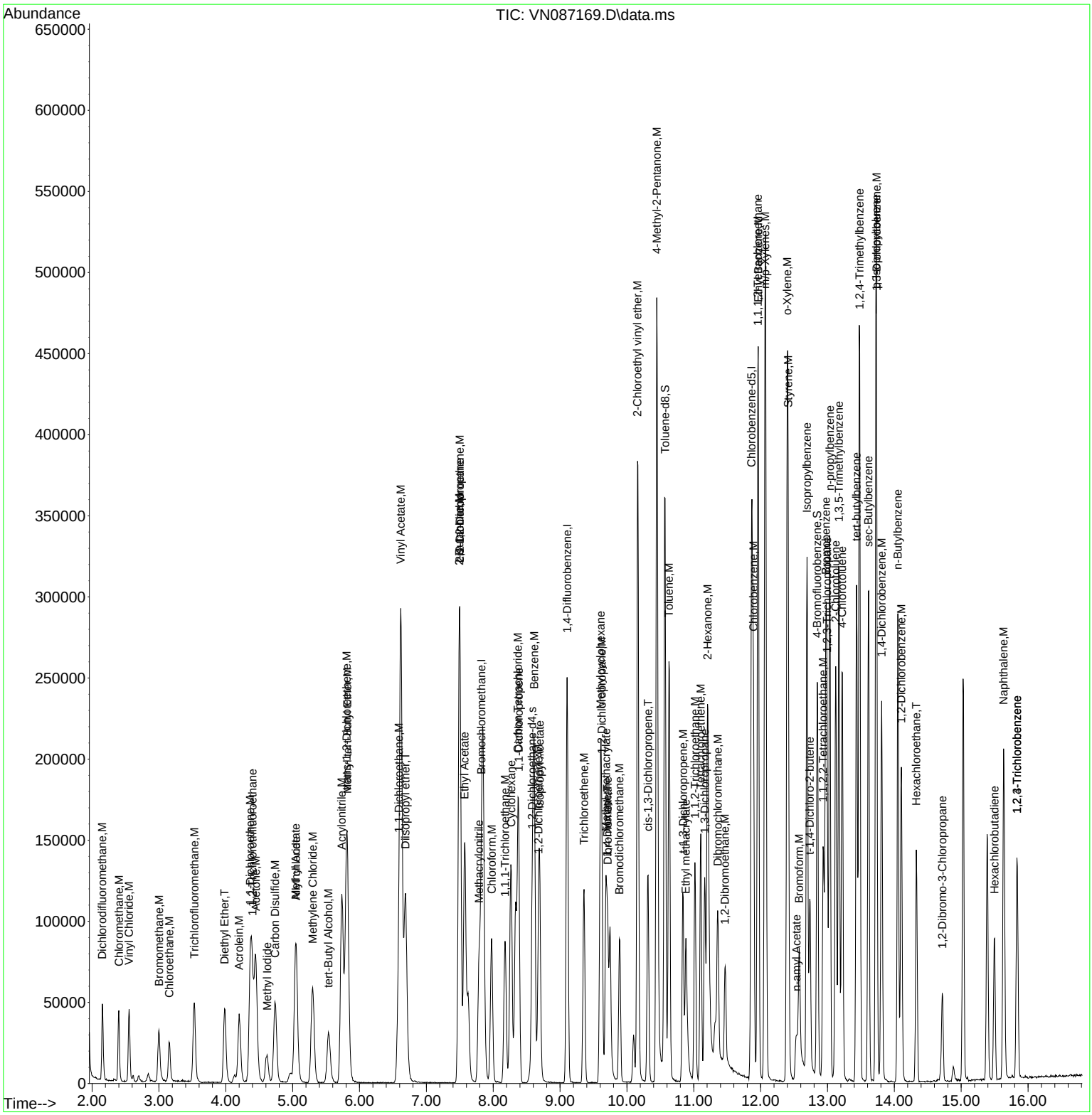
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087169.D
Acq On : 25 Jun 2025 11:41
Operator : JC\MD
Sample : VN0625WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 15:30:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



Raw Data: **VN087170.D**

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

Report of Analysis

Client:	Tully Environmental, Inc		Date Collected:		
Project:	Transfer Station-SPDES		Date Received:		
Client Sample ID:	VN0625WBSD01		SDG No.:	Q2349	
Lab Sample ID:	VN0625WBSD01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units: mL		Final Vol:	5000	uL
Soil Aliquot Vol:	uL		Test:	VOC-BTEX	
GC Column:	RXI-624 ID : 0.25		Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087170.D	1		06/25/25 12:15	VN062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	18.8		0.45	5.00	ug/L
108-88-3	Toluene	19.5		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	18.5		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	38.7		1.30	10.0	ug/L
95-47-6	o-Xylene	20.1		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.8		91 - 110	103%	SPK: 30
2037-26-5	Toluene-d8	32.2		91 - 112	107%	SPK: 30
460-00-4	4-Bromofluorobenzene	33.5		63 - 112	112%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	37300	7.824			
540-36-3	1,4-Difluorobenzene	209000	9.106			
3114-55-4	Chlorobenzene-d5	180000	11.865			

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\VN062525\
Data File : VN087170.D
Acq On : 25 Jun 2025 12:15
Operator : JC\MD
Sample : VN0625WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 25 15:30:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.824	128	37318	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.106	114	209203	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	180451	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.582	65	86489	30.760	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.533%				
60) 4-Bromofluorobenzene	12.847	95	93228	33.480	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 111.600%				
63) Toluene-d8	10.565	98	260952	32.207	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.367%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.159	85	39176	17.439	ug/l		99
3) Chloromethane	2.395	50	43014	18.747	ug/l		99
4) Vinyl Chloride	2.553	62	44267	17.752	ug/l		95
5) Bromomethane	2.995	94	25125	18.985	ug/l		95
6) Chloroethane	3.153	64	25308	18.919	ug/l		100
7) Trichlorofluoromethane	3.524	101	56428	18.448	ug/l		99
8) Diethyl Ether	3.983	74	27606	18.370	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.394	101	40795	17.989	ug/l	#	86
10) 1,1-Dichloroethene	4.371	96	40391	17.868	ug/l		97
11) Methyl Iodide	4.618	142	32563	16.079	ug/l		97
12) Methyl Acetate	5.047	43	70684	19.934	ug/l		97
13) Acrolein	4.200	56	54457	99.948	ug/l		100
14) Acrylonitrile	5.736	53	161948	97.916	ug/l		99
15) Acetone	4.453	58	43711	90.601	ug/l		90
16) Carbon Disulfide	4.741	76	116391	17.610	ug/l		99
17) Allyl chloride	5.041	41	66373	17.801	ug/l		93
18) Methylene Chloride	5.306	84	48895	18.671	ug/l		97
19) trans-1,2-Dichloroethene	5.812	96	44585	18.035	ug/l		98
20) Diisopropyl ether	6.683	45	148910	18.824	ug/l		98
21) 1,1-Dichloroethane	6.588	63	86560	18.308	ug/l		97
22) cis-1,2-Dichloroethene	7.500	96	54232	18.849	ug/l		99
23) tert-Butyl Alcohol	5.541	59	66780	107.361	ug/l	#	100
24) Methyl tert-Butyl Ether	5.812	73	153435	19.353	ug/l		98
25) Chloroform	7.971	83	85829	18.949	ug/l		98
26) Cyclohexane	8.265	56	70558	17.954	ug/l	#	96
29) 1,1-Dichloropropene	8.377	75	60295	18.491	ug/l		99
30) 2-Butanone	7.494	43	223696	101.701	ug/l		99
31) 2,2-Dichloropropane	7.500	77	71863	18.258	ug/l		99
32) 1,1,1-Trichloroethane	8.177	97	70404	18.482	ug/l		99
33) Carbon Tetrachloride	8.365	117	58277	18.179	ug/l		96
34) Benzene	8.612	78	194165	18.796	ug/l		97
35) Methacrylonitrile	7.788	41	42861	19.336	ug/l		94
36) 1,2-Dichloroethane	8.677	62	65820	19.721	ug/l		98
37) Trichloroethene	9.359	130	42420	17.803	ug/l		98
38) Methylcyclohexane	9.606	83	69281	18.518	ug/l		98
39) 1,2-Dichloropropane	9.623	63	49805	19.209	ug/l		100
40) Dibromomethane	9.718	93	34548	19.596	ug/l		97
41) Bromodichloromethane	9.888	83	68025	19.116	ug/l		98
42) Vinyl Acetate	6.618	43	691543	96.665	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087170.D
Acq On : 25 Jun 2025 12:15
Operator : JC\MD
Sample : VN0625WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 25 15:30:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	83320	20.984	ug/l	99
44) Isopropyl Acetate	8.694	43	128122	19.805	ug/l	100
45) 1,4-Dioxane	9.700	88	20338	464.739	ug/l	96
46) Methyl methacrylate	9.682	41	57629	19.162	ug/l	99
47) n-amyl Acetate	12.535	43	67160m	16.980	ug/l	
48) t-1,3-Dichloropropene	10.841	75	75174	18.949	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	79766	18.914	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	44345	17.707	ug/l	95
51) Ethyl methacrylate	10.882	69	70444	18.481	ug/l	98
52) 1,3-Dichloropropane	11.165	76	77957	18.131	ug/l	97
53) Dibromochloromethane	11.359	129	46151	17.555	ug/l	98
54) 1,2-Dibromoethane	11.470	107	45669	17.675	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	192822	88.252	ug/l	99
56) Bromoform	12.576	173	33621	18.604	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	400949	110.523	ug/l	97
59) 2-Hexanone	11.206	43	227516	97.124	ug/l	96
61) Tetrachloroethene	11.106	164	32746	18.324	ug/l	94
62) Toluene	10.629	91	198824	19.509	ug/l	97
64) Chlorobenzene	11.894	112	121984	18.764	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	40623	18.912	ug/l	98
66) Ethyl Benzene	11.965	91	206364	18.499	ug/l	99
67) m/p-Xylenes	12.070	106	165296	38.668	ug/l	98
68) o-Xylene	12.400	106	81950	20.094	ug/l	99
69) Styrene	12.412	104	140375	20.049	ug/l	99
70) Isopropylbenzene	12.694	105	207243	20.404	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	78100	21.362	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	69027m	21.895	ug/l	
73) Bromobenzene	12.982	156	50726	20.588	ug/l	97
74) n-propylbenzene	13.035	91	255752	20.611	ug/l	99
75) 2-Chlorotoluene	13.123	91	154017	20.545	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	169792	20.535	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	29108	20.814	ug/l	98
78) 4-Chlorotoluene	13.217	91	161663	21.056	ug/l	100
79) tert-butylbenzene	13.435	119	147407	21.208	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	171579	20.665	ug/l	100
81) sec-Butylbenzene	13.617	105	211519	20.935	ug/l	99
82) p-Isopropyltoluene	13.729	119	177338	21.091	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	97602	20.571	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	99274	20.790	ug/l	99
85) n-Butylbenzene	14.053	91	164251	21.410	ug/l	99
86) Hexachloroethane	14.329	117	32388	20.349	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	92801	20.744	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17227	20.926	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	47867	18.912	ug/l	99
90) Hexachlorobutadiene	15.494	225	16048	21.367	ug/l	93
91) Naphthalene	15.635	128	186560	18.729	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	47867	18.912	ug/l	99

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

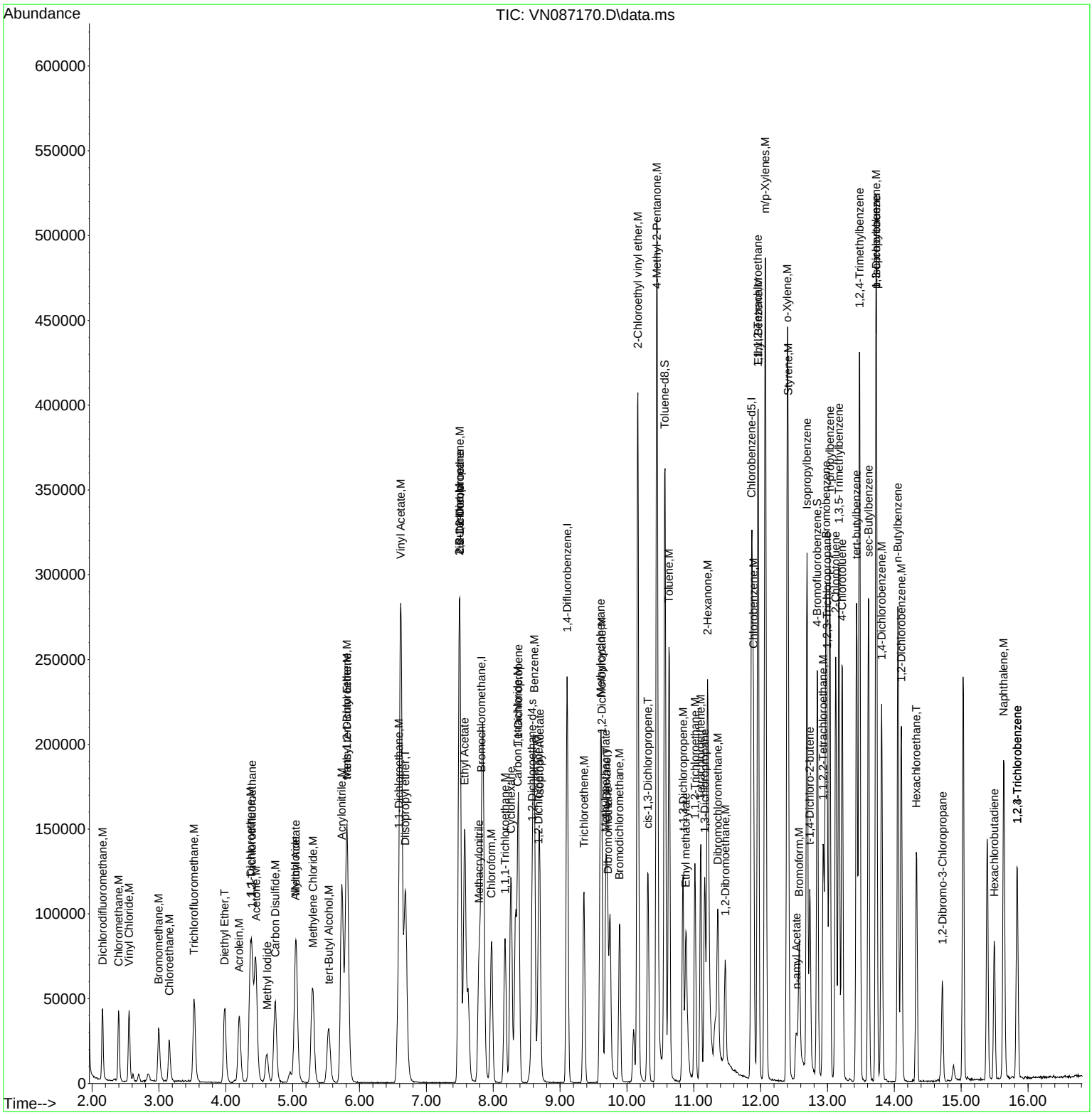
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087170.D
Acq On : 25 Jun 2025 12:15
Operator : JC\MD
Sample : VN0625WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 25 15:30:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



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

Manual Integration Report

Sequence:	VN062525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN087162.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	2-Hexanone	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	Carbon Tetrachloride	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	Ethyl Acetate	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	Ethyl methacrylate	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	Methacrylonitrile	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	n-amyl Acetate	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICC005	VN087162.D	tert-Butyl Alcohol	JOHN	6/25/2025 3:54:52 PM	MMDadoda	6/26/2025 2:39:55 PM	Peak Integrated by Software
VSTDICCC020	VN087163.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:54:56 PM	MMDadoda	6/26/2025 2:39:57 PM	Peak Integrated by Software
VSTDICCC020	VN087163.D	n-amyl Acetate	JOHN	6/25/2025 3:54:56 PM	MMDadoda	6/26/2025 2:39:57 PM	Peak Integrated by Software
VSTDICC050	VN087164.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:55:01 PM	MMDadoda	6/26/2025 2:40:07 PM	Peak Integrated by Software
VSTDICC100	VN087165.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:55:06 PM	MMDadoda	6/26/2025 2:40:11 PM	Peak Integrated by Software
VSTDICC150	VN087166.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:55:12 PM	MMDadoda	6/26/2025 2:40:18 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN062525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV020	VN087168.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:55:16 PM	MMDadoda	6/26/2025 2:40:24 PM	Peak Integrated by Software
VSTDICV020	VN087168.D	n-amyl Acetate	JOHN	6/25/2025 3:55:16 PM	MMDadoda	6/26/2025 2:40:24 PM	Peak Integrated by Software
VN0625WBS01	VN087169.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:55:21 PM	MMDadoda	6/26/2025 2:40:26 PM	Peak Integrated by Software
VN0625WBS01	VN087169.D	n-amyl Acetate	JOHN	6/25/2025 3:55:21 PM	MMDadoda	6/26/2025 2:40:26 PM	Peak Integrated by Software
VN0625WBSD01	VN087170.D	1,2,3-Trichloropropane	JOHN	6/25/2025 3:55:25 PM	MMDadoda	6/26/2025 2:40:27 PM	Peak Integrated by Software
VN0625WBSD01	VN087170.D	n-amyl Acetate	JOHN	6/25/2025 3:55:25 PM	MMDadoda	6/26/2025 2:40:27 PM	Peak Integrated by Software
Q2349-01	VN087172.D	Carbon Disulfide	JOHN	6/25/2025 3:55:29 PM	MMDadoda	6/26/2025 2:40:30 PM	Peak Integrated by Software
VSTDCCC020	VN087179.D	1,2,3-Trichloropropane	JOHN	6/26/2025 8:29:10 AM	MMDadoda	6/26/2025 2:40:36 PM	Peak Integrated by Software
VSTDCCC020	VN087179.D	n-amyl Acetate	JOHN	6/26/2025 8:29:10 AM	MMDadoda	6/26/2025 2:40:36 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062525

Review By	John Carlone	Review On	6/26/2025 8:30:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/26/2025 2:41:09 PM		
SubDirectory	VN062525	HP Acquire Method		HP Processing Method	624N062525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134497
Initial Calibration Stds	VP134518,VP134519,VP134520,VP134521,VP134522
CCC	VP134498,VP134524,VP134525
Internal Standard/PEM	
ICV/I.BLK	VP134523
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087161.D	25 Jun 2025 08:25	JC\MD	Ok
2	VSTDICC005	VN087162.D	25 Jun 2025 08:59	JC\MD	Ok,M
3	VSTDICCC020	VN087163.D	25 Jun 2025 09:20	JC\MD	Ok,M
4	VSTDICC050	VN087164.D	25 Jun 2025 09:41	JC\MD	Ok,M
5	VSTDICC100	VN087165.D	25 Jun 2025 10:03	JC\MD	Ok,M
6	VSTDICC150	VN087166.D	25 Jun 2025 10:24	JC\MD	Ok,M
7	IBLK	VN087167.D	25 Jun 2025 10:46	JC\MD	Ok
8	VSTDICV020	VN087168.D	25 Jun 2025 11:08	JC\MD	Ok,M
9	VN0625WBS01	VN087169.D	25 Jun 2025 11:41	JC\MD	Ok,M
10	VN0625WBSD01	VN087170.D	25 Jun 2025 12:15	JC\MD	Ok,M
11	VN0625WBL01	VN087171.D	25 Jun 2025 12:36	JC\MD	Ok
12	Q2349-01	VN087172.D	25 Jun 2025 13:11	JC\MD	Dilution
13	Q2349-04	VN087173.D	25 Jun 2025 13:33	JC\MD	Dilution
14	Q2349-01DL	VN087174.D	25 Jun 2025 13:54	JC\MD	Ok
15	Q2349-04DL	VN087175.D	25 Jun 2025 14:15	JC\MD	Ok
16	IBLK	VN087176.D	25 Jun 2025 14:37	JC\MD	Ok
17	Q2126-07 2.5PPB	VN087177.D	25 Jun 2025 14:58	JC\MD	Ok,M
18	Q2126-08 5.0PPB	VN087178.D	25 Jun 2025 15:20	JC\MD	Ok,M
19	VSTDCCC020	VN087179.D	25 Jun 2025 16:12	JC\MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062525

Review By	John Carlone	Review On	6/26/2025 8:30:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/26/2025 2:41:09 PM		
SubDirectory	VN062525	HP Acquire Method		HP Processing Method	624N062525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134497
Initial Calibration Stds	VP134518,VP134519,VP134520,VP134521,VP134522
CCC	VP134498,VP134524,VP134525
Internal Standard/PEM	
ICV/I.BLK	VP134523
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087161.D	25 Jun 2025 08:25		JC\MD	Ok
2	VSTDICC005	VSTDICC005	VN087162.D	25 Jun 2025 08:59		JC\MD	Ok,M
3	VSTDICCC020	VSTDICCC020	VN087163.D	25 Jun 2025 09:20		JC\MD	Ok,M
4	VSTDICC050	VSTDICC050	VN087164.D	25 Jun 2025 09:41		JC\MD	Ok,M
5	VSTDICC100	VSTDICC100	VN087165.D	25 Jun 2025 10:03		JC\MD	Ok,M
6	VSTDICC150	VSTDICC150	VN087166.D	25 Jun 2025 10:24		JC\MD	Ok,M
7	IBLK	IBLK	VN087167.D	25 Jun 2025 10:46		JC\MD	Ok
8	VSTDICV020	ICVVN062525	VN087168.D	25 Jun 2025 11:08	pH#Lot#V12668	JC\MD	Ok,M
9	VN0625WBS01	VN0625WBS01	VN087169.D	25 Jun 2025 11:41		JC\MD	Ok,M
10	VN0625WBSD01	VN0625WBSD01	VN087170.D	25 Jun 2025 12:15		JC\MD	Ok,M
11	VN0625WBL01	VN0625WBL01	VN087171.D	25 Jun 2025 12:36		JC\MD	Ok
12	Q2349-01	001-WILLETS-PT-BLVD	VN087172.D	25 Jun 2025 13:11	vial A pH<2 need 20X	JC\MD	Dilution
13	Q2349-04	002-35TH-AVE(JUNE)	VN087173.D	25 Jun 2025 13:33	vial A pH<2 need 20X	JC\MD	Dilution
14	Q2349-01DL	001-WILLETS-PT-BLVD	VN087174.D	25 Jun 2025 13:54	vial B pH<2	JC\MD	Ok
15	Q2349-04DL	002-35TH-AVE(JUNE)D	VN087175.D	25 Jun 2025 14:15	vial B pH<2	JC\MD	Ok
16	IBLK	IBLK	VN087176.D	25 Jun 2025 14:37		JC\MD	Ok
17	Q2126-07 2.5PPB	LOD-MDL-WATER-01-(	VN087177.D	25 Jun 2025 14:58		JC\MD	Ok,M
18	Q2126-08 5.0PPB	LOQ-WATER-02-QT2-2	VN087178.D	25 Jun 2025 15:20		JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062525

Review By	John Carlone	Review On	6/26/2025 8:30:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/26/2025 2:41:09 PM		
SubDirectory	VN062525	HP Acquire Method		HP Processing Method	624N062525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134497
Initial Calibration Stds	VP134518,VP134519,VP134520,VP134521,VP134522
CCC	VP134498,VP134524,VP134525
Internal Standard/PEM	
ICV/I.BLK	VP134523
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC020	VSTDCCC020EC	VN087179.D	25 Jun 2025 16:12		JC\MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2349/Q2350

COC Number:

CLIENT INFORMATION

COMPANY: Tully Environmental Inc.
ADDRESS: 57 Seaview Blvd
CITY: Pt Washington STATE: NY ZIP: 11050
ATTENTION: Dean Devoe
PHONE: 718 446 7000 FAX:

PROJECT INFORMATION

PROJECT NAME: Transfer Station SPDES
PROJECT #: 252113 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

	1	2	3	4	5	6	7	8	9
	Cu, Fe, Pb			Hg 1631LL	BTEX				

PRESERVATIVES

	1	2	3	4	5	6	7	8	9

COMMENTS

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (June)	W		X	6/17/25	10:30		X			X	X					pH 1.6
2.	002 35th Ave (June)	W		X	6/17/25	10:30		X				X					pH 1.6
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. D Devoe	June 17, 2025	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	6/18/25 1018	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler? YES
Comments:

Page_____of_____

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

Shipment Complete
☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2349 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 6/18/2025 11:38:00 AM
Project Name : Transfer Station-SPDES
Receive DateTime : 6/18/2025 10:18:00 AM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2349-01	001-WILLETS-PT-BLVD(JUNE)	Water	06/17/2025	10:30					
					VOC-BTEX		624.1		5 Bus. Days
Q2349-04	002-35TH-AVE(JUNE)	Water	06/17/2025	10:30					
					VOC-BTEX		624.1		5 Bus. Days

Relinguished By : [signature]
Date / Time : 6/18/25 1330

Received By : Sean
Date / Time : 06/18/25 13:50 Right 5

Storage Area : **VOA Refridgerator Room**