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

Cover Page

Order ID : Q2669

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number	Client Sample Number
Q2669-01	001 WILLETS PT BLVD (JUNE)
Q2669-02	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: 7/27/2025

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 #: **Q2669**

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

QA Review Signature: **KETAN PATEL** **Date:** **07/27/2025**

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LAB CHRONICLE

OrderID:	Q2669	**OrderDate:**	7/22/2025 11:14:00 AM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	O33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2669-01	**001 WILLETS PT BLVD (JUNE)**	**Water**			**07/21/25**			**07/22/25**
			VOC-BTEX	624.1			07/22/25	
Q2669-01DL	**001 WILLETS PT BLVD (JUNE)DL**	**Water**			**07/21/25**			**07/22/25**
			VOC-BTEX	624.1			07/22/25	
Q2669-02	**002 35th Ave (JUNE)**	**Water**			**07/21/25**			**07/22/25**
			VOC-BTEX	624.1			07/22/25	
Q2669-02DL	**002 35th Ave (JUNE)DL**	**Water**			**07/21/25**			**07/22/25**
			VOC-BTEX	624.1			07/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2669

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001 WILLETS PT BLVD (JUNE)**							
Q2669-01	001 WILLETS PT E	Water	Toluene	840	E	0.46	5.00	ug/L
			Total Voc :	840				
			Total Concentration:	840				
Client ID:	**001 WILLETS PT BLVD (JUNE)DL**							
Q2669-01DL	001 WILLETS PT E	Water	Toluene	620	D	4.60	50.0	ug/L
			Total Voc :	620				
			Total Concentration:	620				
Client ID:	**002 35th Ave (JUNE)**							
Q2669-02	002 35th Ave (JUNE	Water	Toluene	820	E	0.46	5.00	ug/L
			Total Voc :	820				
			Total Concentration:	820				
Client ID:	**002 35th Ave (JUNE)DL**							
Q2669-02DL	002 35th Ave (JUNE	Water	Toluene	700	D	9.20	100	ug/L
			Total Voc :	700				
			Total Concentration:	700				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2669

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2669-01	001 WILLETS PT BLVD (JUNE)	1,2-Dichloroethane-d4	30	33.2	111	*	91	110
		Toluene-d8	30	27.5	92		91	112
		4-Bromofluorobenzene	30	25.7	86		63	112
Q2669-01DL	001 WILLETS PT BLVD (JUNE)DL	1,2-Dichloroethane-d4	30	35.6	119	*	91	110
		Toluene-d8	30	28.0	93		91	112
		4-Bromofluorobenzene	30	26.4	88		63	112
Q2669-02	002 35th Ave (JUNE)	1,2-Dichloroethane-d4	30	34.3	114	*	91	110
		Toluene-d8	30	27.6	92		91	112
		4-Bromofluorobenzene	30	26.9	90		63	112
Q2669-02DL	002 35th Ave (JUNE)DL	1,2-Dichloroethane-d4	30	34.4	115	*	91	110
		Toluene-d8	30	29.6	99		91	112
		4-Bromofluorobenzene	30	26.2	87		63	112
VN0722WBL01	VN0722WBL01	1,2-Dichloroethane-d4	30	31.7	106		91	110
		Toluene-d8	30	30.2	101		91	112
		4-Bromofluorobenzene	30	27.2	91		63	112
VN0722WBS01	VN0722WBS01	1,2-Dichloroethane-d4	30	33.2	111	*	91	110
		Toluene-d8	30	30.4	101		91	112
		4-Bromofluorobenzene	30	30.6	102		63	112
VN0722WBSD0	VN0722WBSD01	1,2-Dichloroethane-d4	30	32.5	108		91	110
		Toluene-d8	30	29.5	98		91	112
		4-Bromofluorobenzene	30	31.3	104		63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2669 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087390.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0722WBS01	Benzene	20	18.0	ug/L	90			65	135	
	Toluene	20	18.5	ug/L	93			70	130	
	Ethyl Benzene	20	17.6	ug/L	88			60	140	
	m/p-Xylenes	40	36.6	ug/L	92			87	111	
	o-Xylene	20	18.4	ug/L	92			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2669 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087391.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0722WBSD01	Benzene	20	16.8	ug/L	84	7		65	135	20
	Toluene	20	16.1	ug/L	81	14		70	130	20
	Ethyl Benzene	20	15.4	ug/L	77	13		60	140	20
	m/p-Xylenes	40	32.0	ug/L	80	14	*	87	111	20
	o-Xylene	20	15.3	ug/L	77	18	*	87	111	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0722WBL01

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q2669

Lab File ID: VN087392.D | Lab Sample ID: VN0722WBL01

Date Analyzed: 07/22/2025 | Time Analyzed: 16:12

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
VN0722WBS01	VN0722WBS01	VN087390.D	07/22/2025
VN0722WBSD01	VN0722WBSD01	VN087391.D	07/22/2025
001 WILLETS PT BLVD (JUNE)	Q2669-01	VN087393.D	07/22/2025
002 35th Ave (JUNE)	Q2669-02	VN087394.D	07/22/2025
001 WILLETS PT BLVD (JUNE)DL	Q2669-01DL	VN087395.D	07/22/2025
002 35th Ave (JUNE)DL	Q2669-02DL	VN087396.D	07/22/2025

COMMENTS:

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TULL01
Lab Code: ACE
SDG NO.: Q2669
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:

CLIENT ID	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

Raw Data: **VN087388.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q2669

Lab File ID: VN087388.D | BFB Injection Date: 07/22/2025

Instrument ID: MSVOA_N | BFB Injection Time: 13:29

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	23.1
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.7 (0.8) 1
174	50.0 - 100.0% of mass 95	82.2
175	5.0 - 9.0% of mass 174	5.8 (7) 1
176	95.0 - 101.0% of mass 174	79.2 (96.4) 1
177	5.0 - 9.0% of mass 176	4.6 (5.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC020	VSTDCCC020	VN087389.D	07/22/2025	14:03
VN0722WBS01	VN0722WBS01	VN087390.D	07/22/2025	15:14
VN0722WBSD01	VN0722WBSD01	VN087391.D	07/22/2025	15:50
VN0722WBL01	VN0722WBL01	VN087392.D	07/22/2025	16:12
001 WILLETS PT BLVD (JUNE)	Q2669-01	VN087393.D	07/22/2025	16:46
002 35th Ave (JUNE)	Q2669-02	VN087394.D	07/22/2025	17:07
001 WILLETS PT BLVD (JUNE)DL	Q2669-01DL	VN087395.D	07/22/2025	17:28
002 35th Ave (JUNE)DL	Q2669-02DL	VN087396.D	07/22/2025	17:49

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q2669

Lab File ID: VN087389.D Date Analyzed: 07/22/2025

Instrument ID: MSVOA_N Time Analyzed: 14:03

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	26469	7.80	120974	9.08	115930	11.85
UPPER LIMIT	52938	8.3	241948	9.582	231860	12.347
LOWER LIMIT	13234.5	7.3	60487	8.582	57965	11.347
EPA SAMPLE NO.						
001 WILLETS PT BLVD (JUNE)	23863	7.80	105568	9.09	102924	11.85
001 WILLETS PT BLVD (JUNE)DL	14462	7.80	67398	9.08	62271	11.85
002 35th Ave (JUNE)	23359	7.79	108192	9.09	106953	11.85
002 35th Ave (JUNE)DL	25071	7.80	120236	9.08	108734	11.85
VN0722WBL01	27646	7.79	129340	9.09	109767	11.85
VN0722WBS01	27991	7.79	135487	9.08	126406	11.85
VN0722WBSD01	28135	7.80	133851	9.09	128141	11.85

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: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q2669

Lab File ID: VN087389.D Date Analyzed: 07/22/2025

Instrument ID: MSVOA_N Time Analyzed: 14:03

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				
VN0722WBL01	0	0.00				
VN0722WBS01	0	0.00				
VN0722WBSD01	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: **VN087393.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/21/25
Project:	Transfer Station-SPDES	Date Received:	07/22/25
Client Sample ID:	001 WILLETS PT BLVD (JUNE)	SDG No.:	Q2669
Lab Sample ID:	Q2669-01	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:	Date Analyzed	Prep Batch ID
VN087393.D	1	07/22/25 16:46	VN072225

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	840	E	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	UQ	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	UQ	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	33.2	*	91 - 110	111%	SPK: 30
2037-26-5	Toluene-d8	27.5		91 - 112	92%	SPK: 30
460-00-4	4-Bromofluorobenzene	25.7		63 - 112	86%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	23900	7.8			
540-36-3	1,4-Difluorobenzene	106000	9.088			
3114-55-4	Chlorobenzene-d5	103000	11.847			

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

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

Sample Results: **VN087393.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087393.D
Acq On : 22 Jul 2025 16:46
Operator : JC\MD
Sample : Q2669-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Quant Time: Jul 23 05:57:13 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	7.800	128	23863	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.088	114	105568	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	102924	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	59685	33.196	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.667%#			
60) 4-Bromofluorobenzene	12.829	95	40814	25.698	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 85.667%			
63) Toluene-d8	10.547	98	126960	27.473	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 91.567%			
Target Compounds						Qvalue
15) Acetone	4.418	58	96396	312.461	ug/l	71
30) 2-Butanone	7.477	43	60922	54.888	ug/l #	90
58) 4-Methyl-2-Pentanone	10.429	43	11429	5.524	ug/l #	83
62) Toluene	10.612	91	4880565	839.597	ug/l	99
66) Ethyl Benzene	11.941	91	3516m	0.553	ug/l	
67) m/p-Xylenes	12.047	106	2373	0.973	ug/l	91
68) o-Xylene	12.382	106	905m	0.389	ug/l	
80) 1,2,4-Trimethylbenzene	13.465	105	3786	0.799	ug/l	100
82) p-Isopropyltoluene	13.706	119	56813	11.846	ug/l	97
91) Naphthalene	15.617	128	3844	0.677	ug/l #	80

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

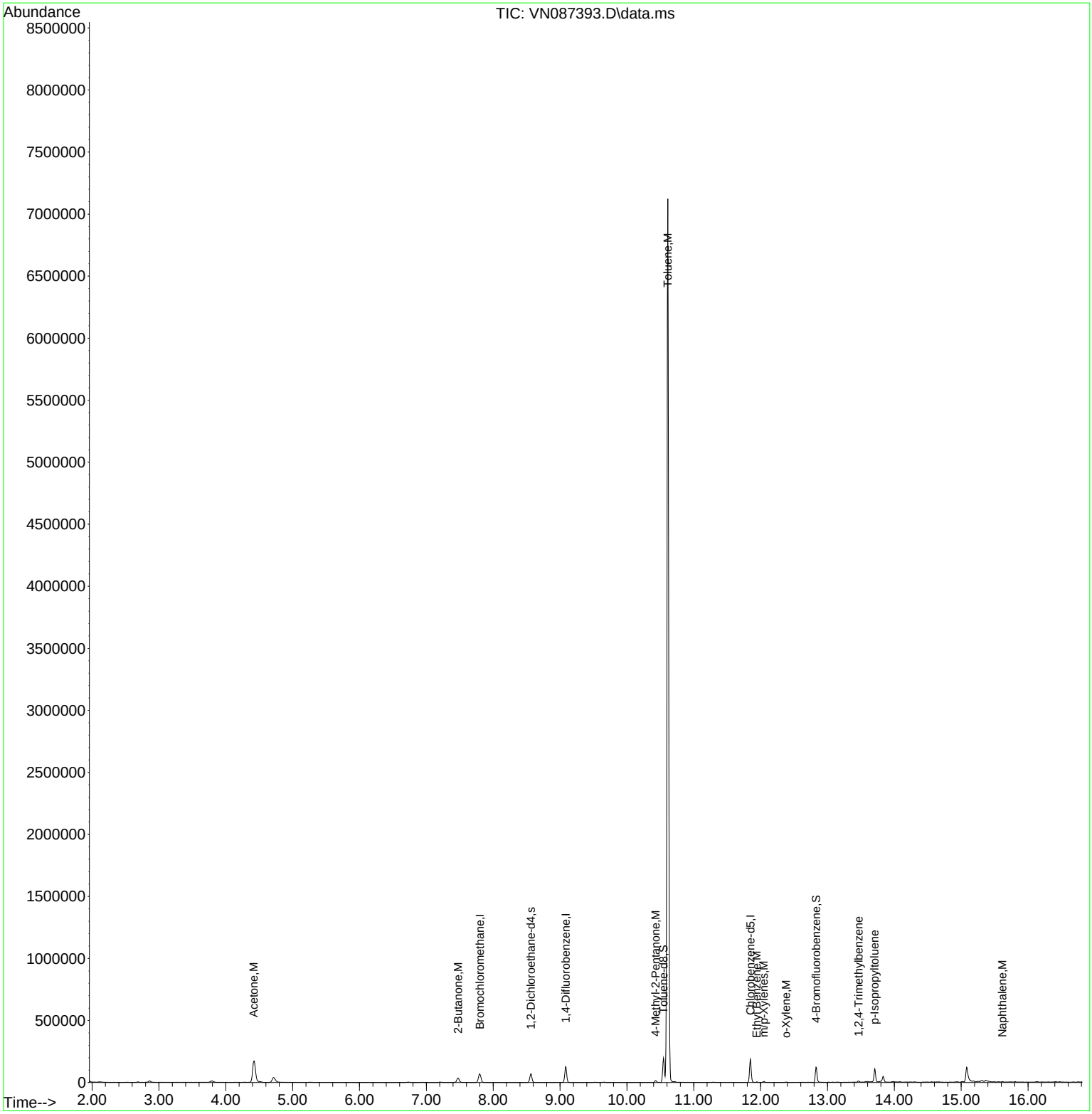
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087393.D
Acq On : 22 Jul 2025 16:46
Operator : JC\MD
Sample : Q2669-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

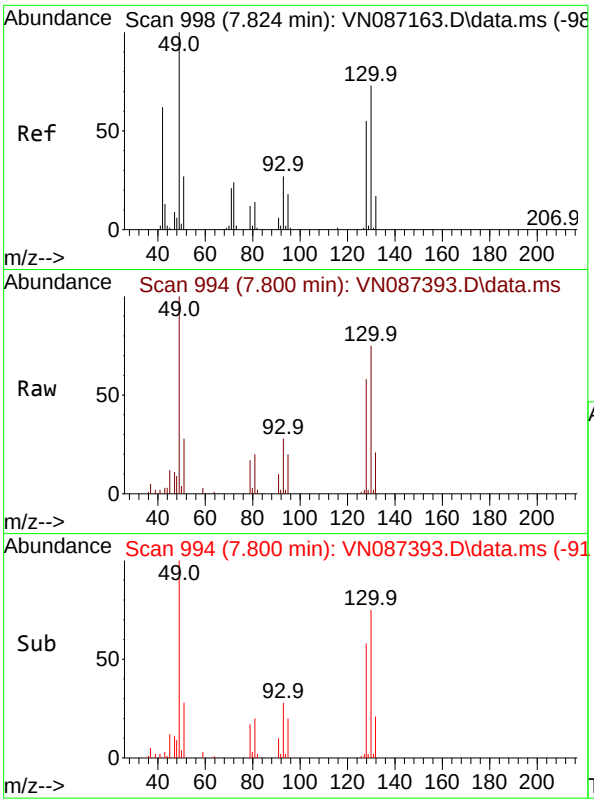
Quant Time: Jul 23 05:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. -0.024 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

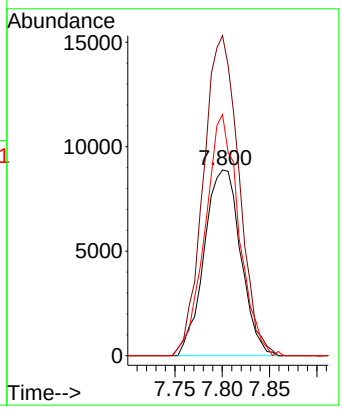
Tgt Ion:128 Resp: 2386

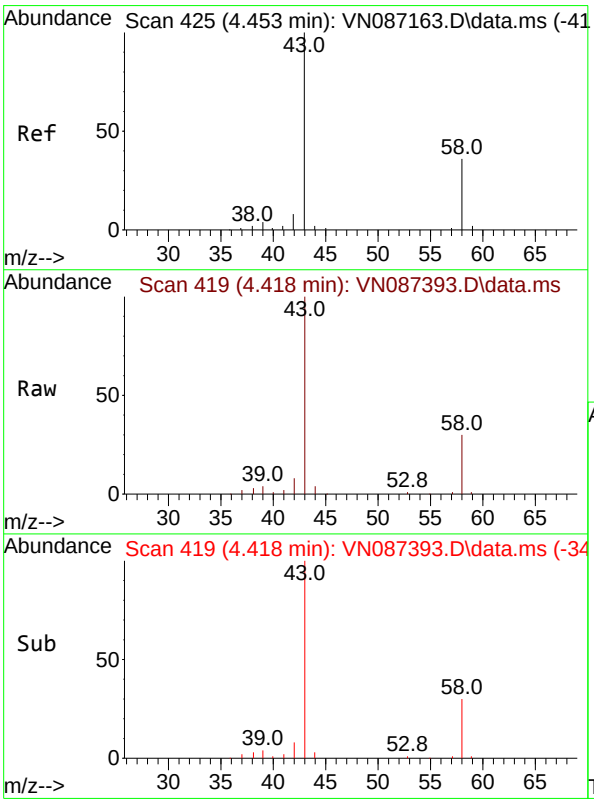
Ion	Ratio	Lower	Upper
128	100		
49	167.1	0.0	450.5
130	119.4	0.0	320.7

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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

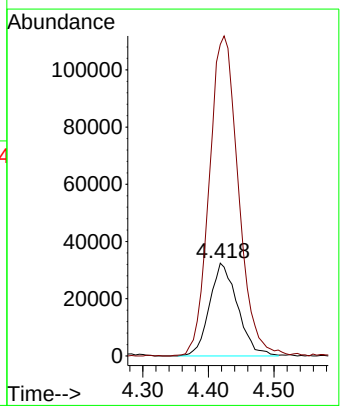


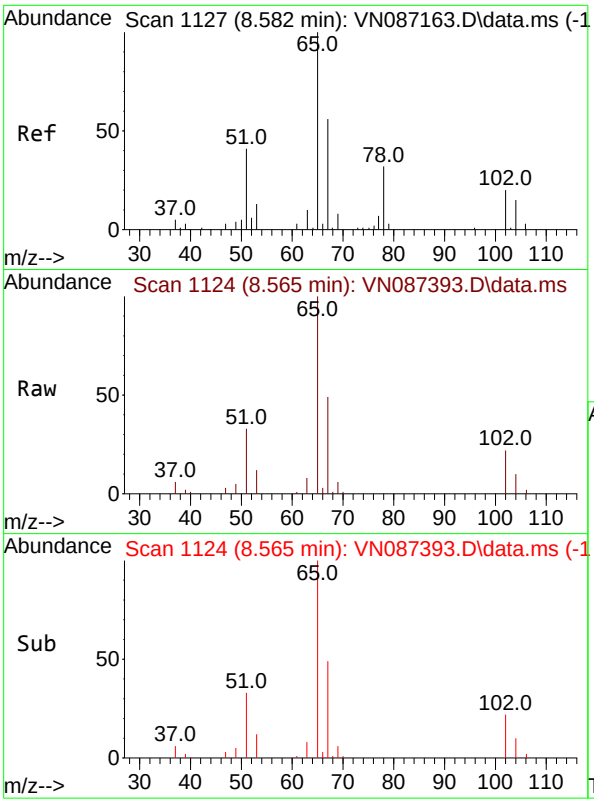


#15
Acetone
Concen: 312.461 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.035 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 58 Resp: 96396

Ion	Ratio	Lower	Upper
58	100		
43	334.7	224.3	336.5

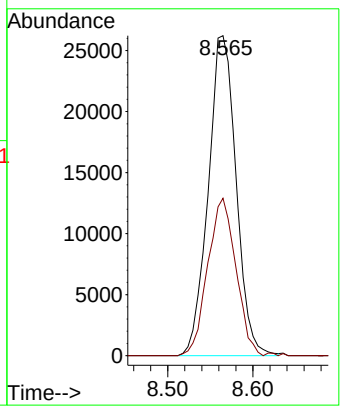




#27
1,2-Dichloroethane-d4
Concen: 33.196 ug/l
RT: 8.565 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 65 Resp: 5968

Ion	Ratio	Lower	Upper
65	100		
67	49.6	41.9	62.9



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

Manual Integrations
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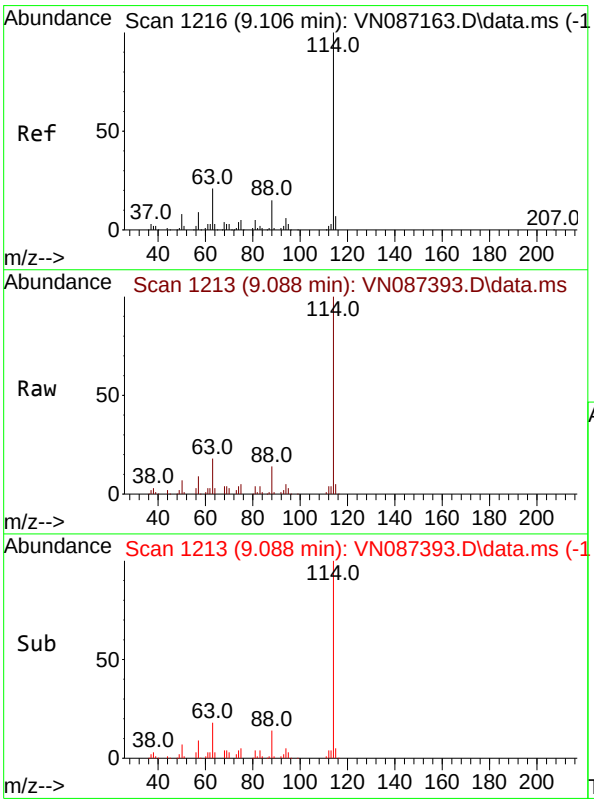
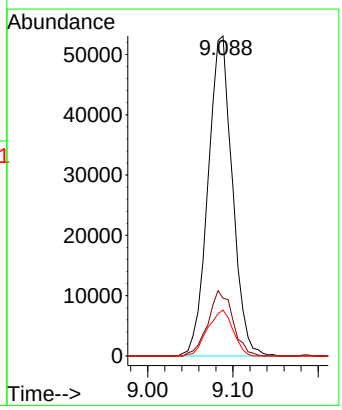
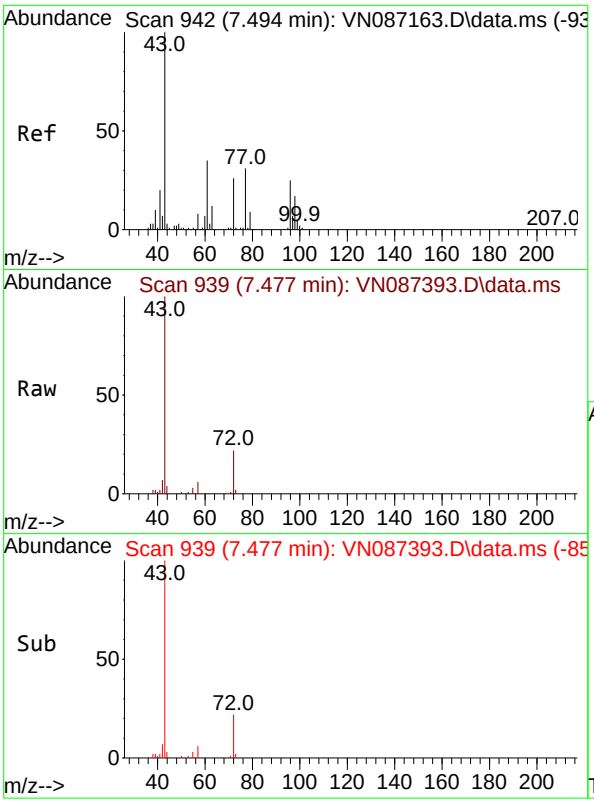


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:114 Resp: 105568

Ion	Ratio	Lower	Upper
114	100		
63	20.9	17.0	25.4
88	14.9	12.6	19.0





#30
2-Butanone
Concen: 54.888 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 43 Resp: 6092

Ion	Ratio	Lower	Upper
43	100		
57	3.7	6.3	9.5
72	22.4	21.8	32.6

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

Manual Integrations
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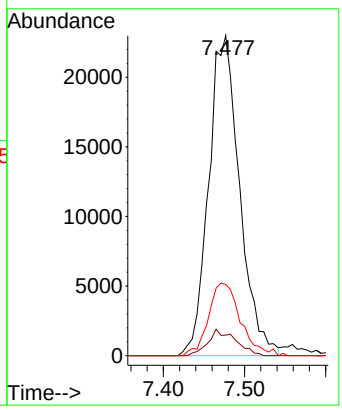
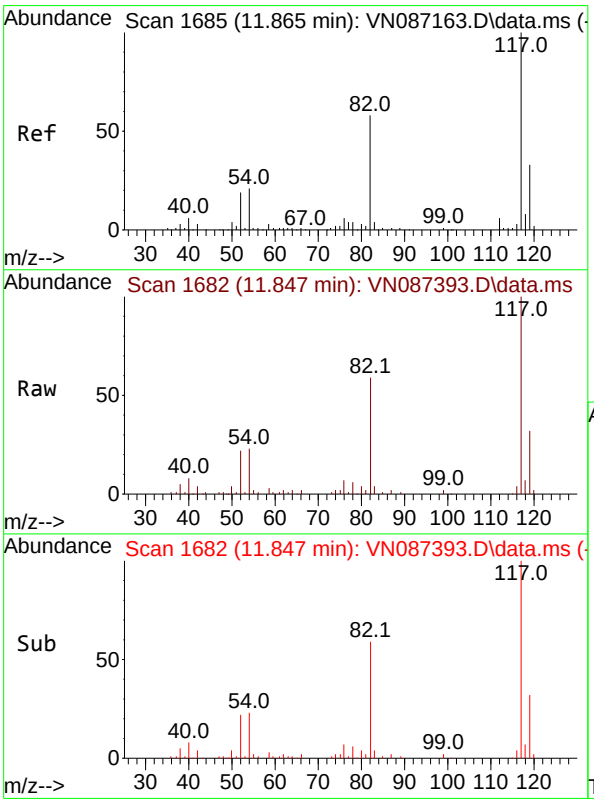
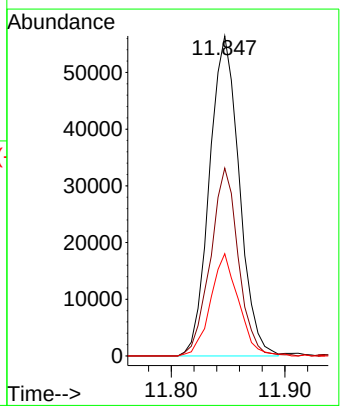


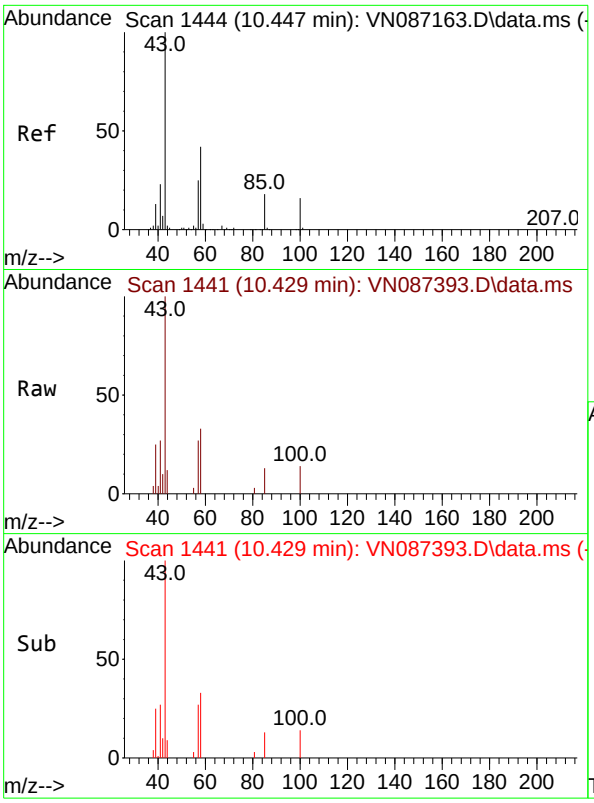


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:117 Resp: 102924

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.4	68.2
119	30.2	26.2	39.4





#58
4-Methyl-2-Pentanone
Concen: 5.524 ug/l
RT: 10.429 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 43 Resp: 1142

Ion	Ratio	Lower	Upper
43	100		
58	33.2	32.6	49.0
85	6.0	14.6	22.0#

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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
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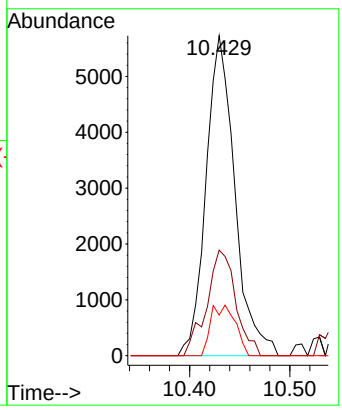
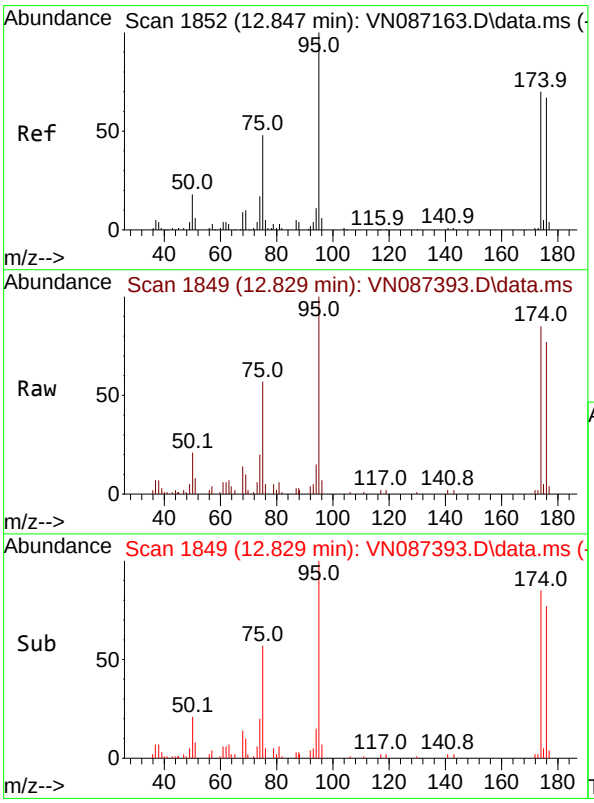
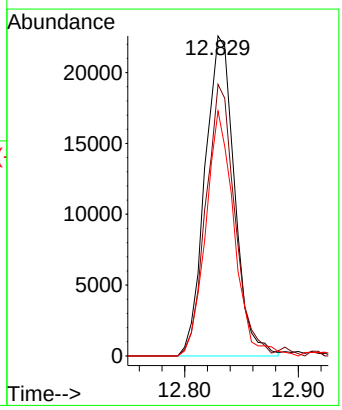


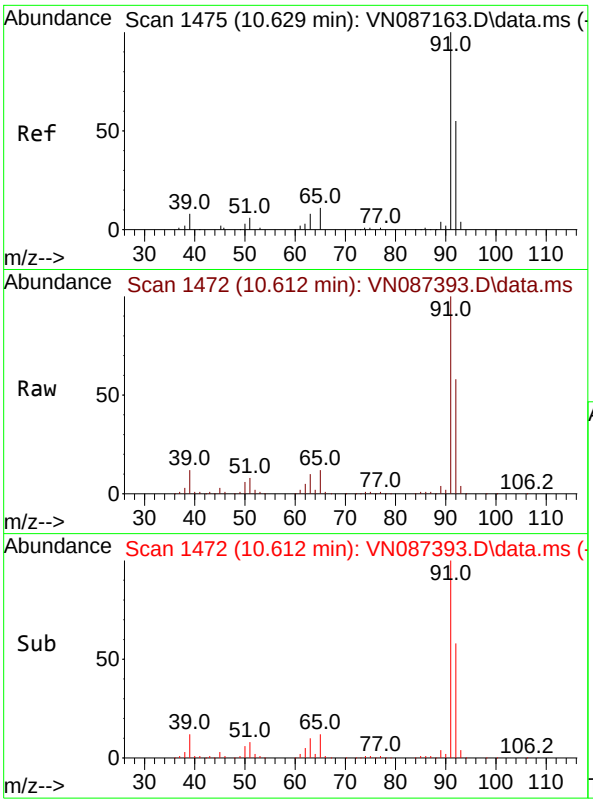


#60
4-Bromofluorobenzene
Concen: 25.698 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 95 Resp: 40814

Ion	Ratio	Lower	Upper
95	100		
174	83.3	54.5	81.7#
176	71.5	51.9	77.9





#62
Toluene
Concen: 839.597 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 91 Resp: 488056

Ion	Ratio	Lower	Upper
91	100		
92	58.1	45.8	68.8

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

Manual Integrations
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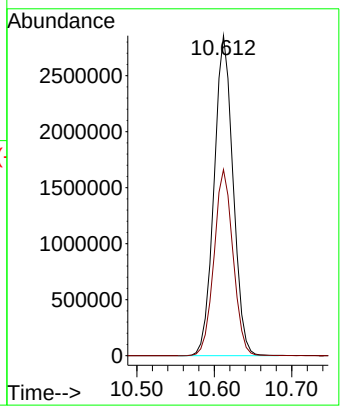
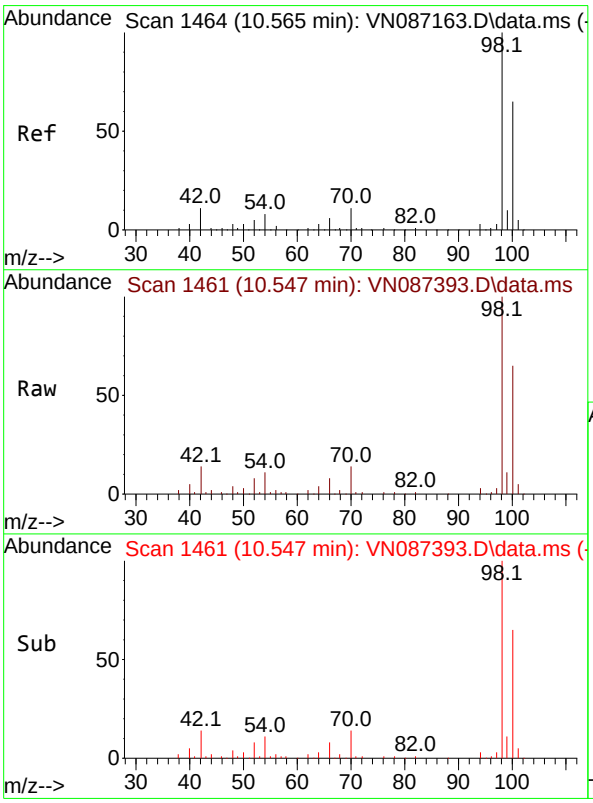
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

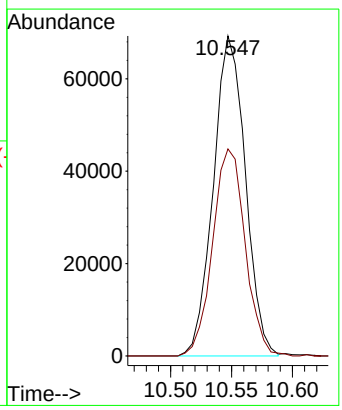


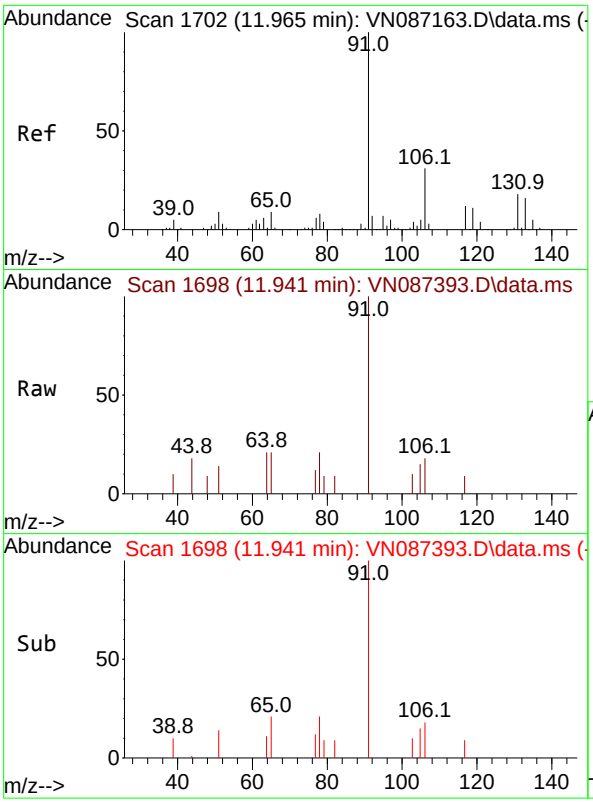


#63
Toluene-d8
Concen: 27.473 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 98 Resp: 126960

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7





#66
Ethyl Benzene
Concen: 0.553 ug/l m
RT: 11.941 min Scan# 1(
Delta R.T. -0.023 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion: 91 Resp: 351(

Ion	Ratio	Lower	Upper
91	100		
106	18.3	24.8	37.2#

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

Manual Integrations
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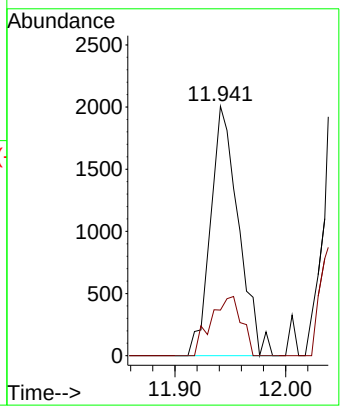
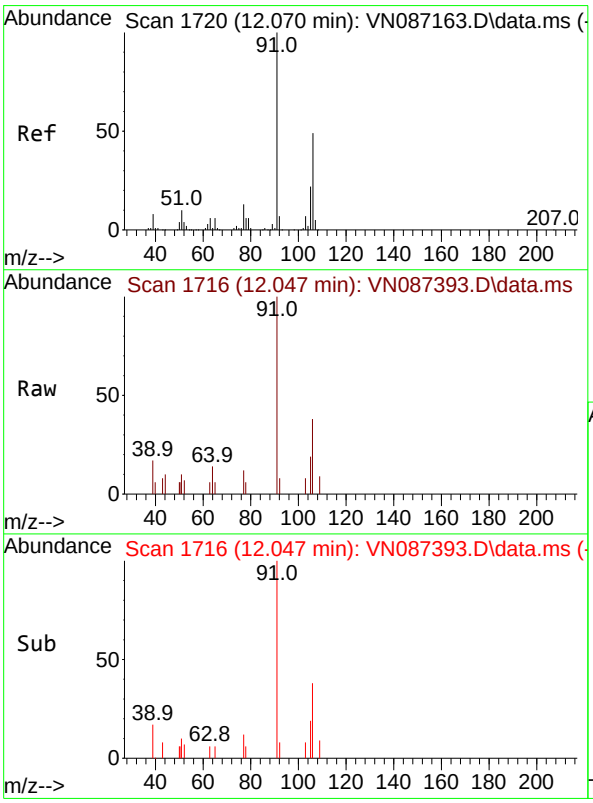
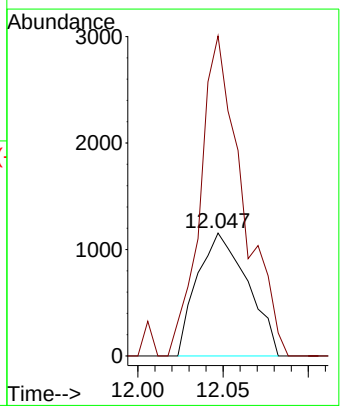


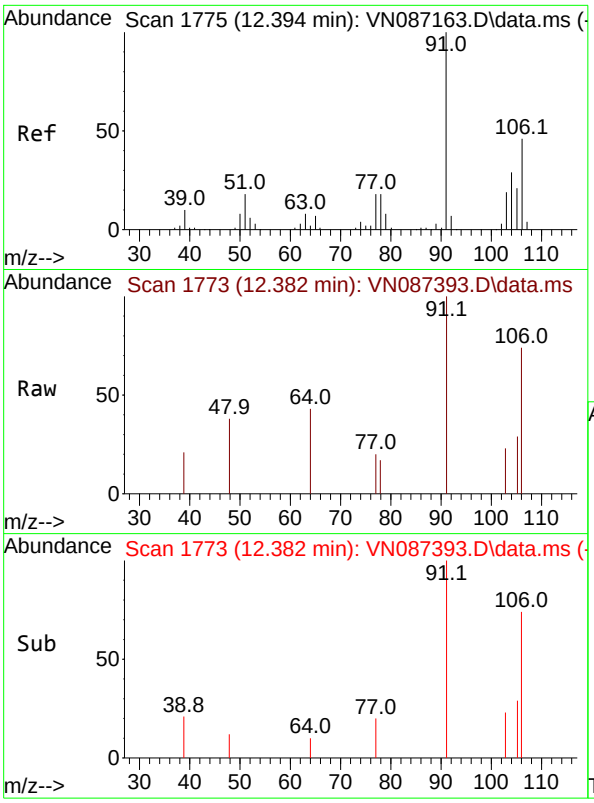


#67
m/p-Xylenes
Concen: 0.973 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.023 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:106 Resp: 2373

Ion	Ratio	Lower	Upper
106	100		
91	190.4	163.0	244.4

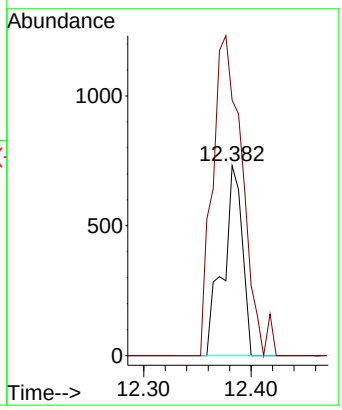




#68
o-Xylene
Concen: 0.389 ug/l m
RT: 12.382 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:106 Resp: 90

Ion	Ratio	Lower	Upper
106	100		
91	499.2	107.1	321.1



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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
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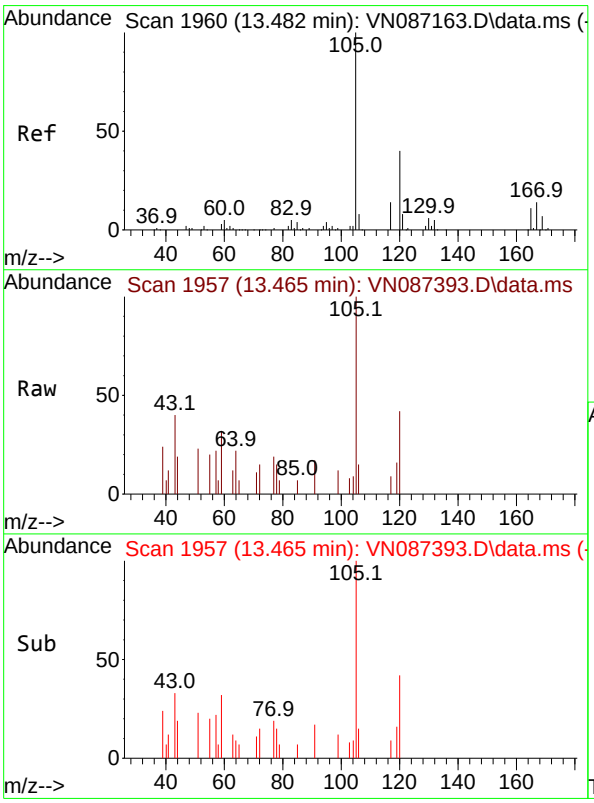
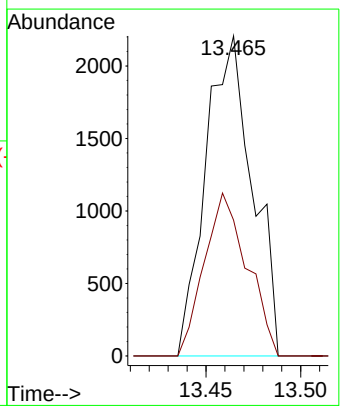
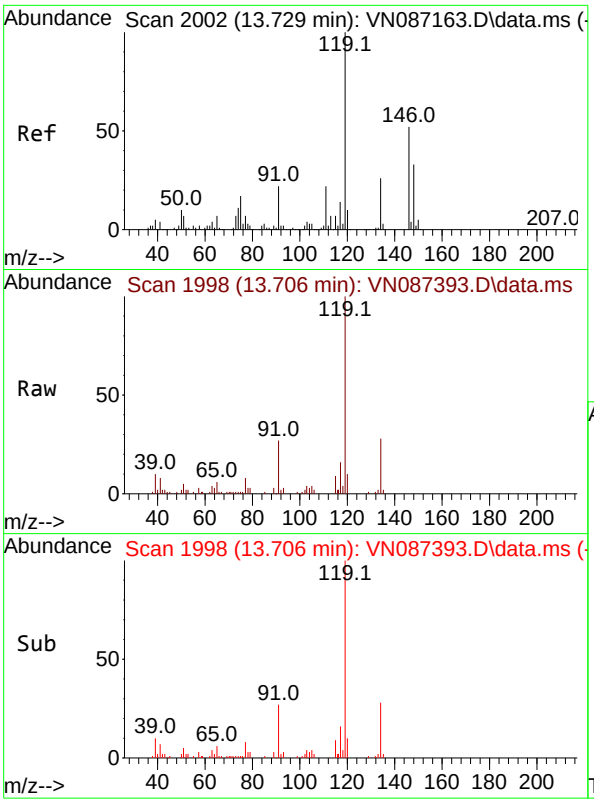


#80
1,2,4-Trimethylbenzene
Concen: 0.799 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:105 Resp: 3786

Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	94.0





#82
p-Isopropyltoluene
Concen: 11.846 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:119 Resp: 5681

Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	51.2
91	25.6	0.0	46.4

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

Manual Integrations
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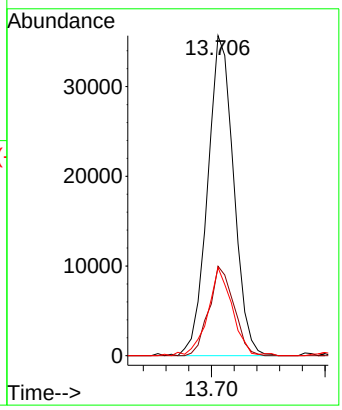
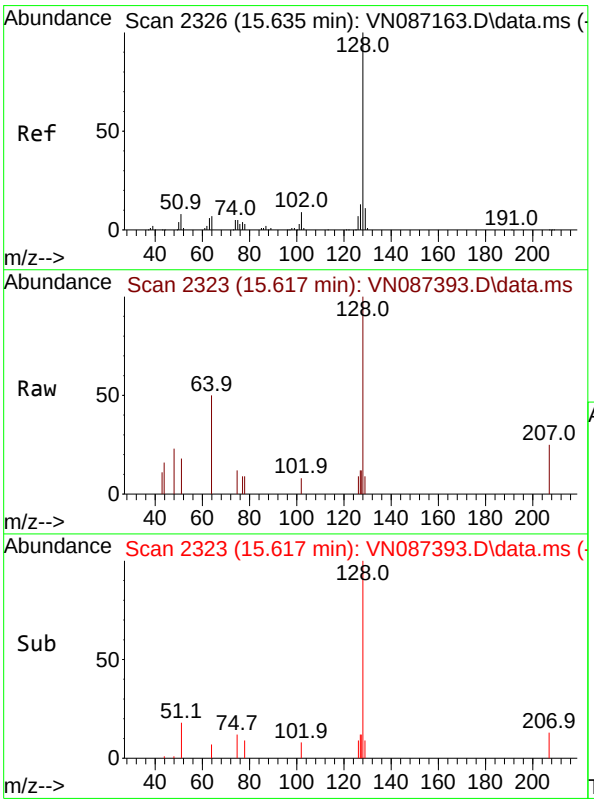
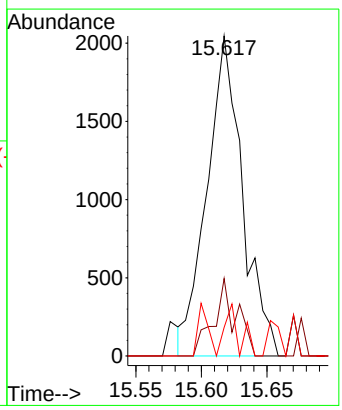




#91
Naphthalene
Concen: 0.677 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. -0.018 min
Lab File: VN087393.D
Acq: 22 Jul 2025 16:46

Tgt Ion:128 Resp: 3844

Ion	Ratio	Lower	Upper
128	100		
127	4.3	10.6	15.8#
129	4.7	8.8	13.2#



Raw Data: **VN087395.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:	07/21/25
Project:	Transfer Station-SPDES	Date Received:	07/22/25
Client Sample ID:	001 WILLETS PT BLVD (JUNE)DL	SDG No.:	Q2669
Lab Sample ID:	Q2669-01DL	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:	Date Analyzed	Prep Batch ID
VN087395.D	10	07/22/25 17:28	VN072225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	4.50	UD	4.50	50.0	ug/L
108-88-3	Toluene	620	D	4.60	50.0	ug/L
100-41-4	Ethyl Benzene	5.60	UD	5.60	50.0	ug/L
179601-23-1	m/p-Xylenes	13.0	UDQ	13.0	100	ug/L
95-47-6	o-Xylene	6.70	UDQ	6.70	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	35.6	*	91 - 110	119%	SPK: 30
2037-26-5	Toluene-d8	28.0		91 - 112	93%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.4		63 - 112	88%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	14500	7.8			
540-36-3	1,4-Difluorobenzene	67400	9.083			
3114-55-4	Chlorobenzene-d5	62300	11.847			

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

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

Sample Results: **VN087395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087395.D
Acq On : 22 Jul 2025 17:28
Operator : JC\MD
Sample : Q2669-01DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 23 05:58:08 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	14462	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	67398	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	62271	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	38786	35.595	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 118.667%#			
60) 4-Bromofluorobenzene	12.829	95	25397	26.430	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.100%			
63) Toluene-d8	10.547	98	78400	28.040	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 93.467%			
Target Compounds						Qvalue
15) Acetone	4.430	58	5821m	31.134	ug/l	
62) Toluene	10.612	91	216530	61.567	ug/l	97
82) p-Isopropyltoluene	13.712	119	2669	0.920	ug/l	90

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

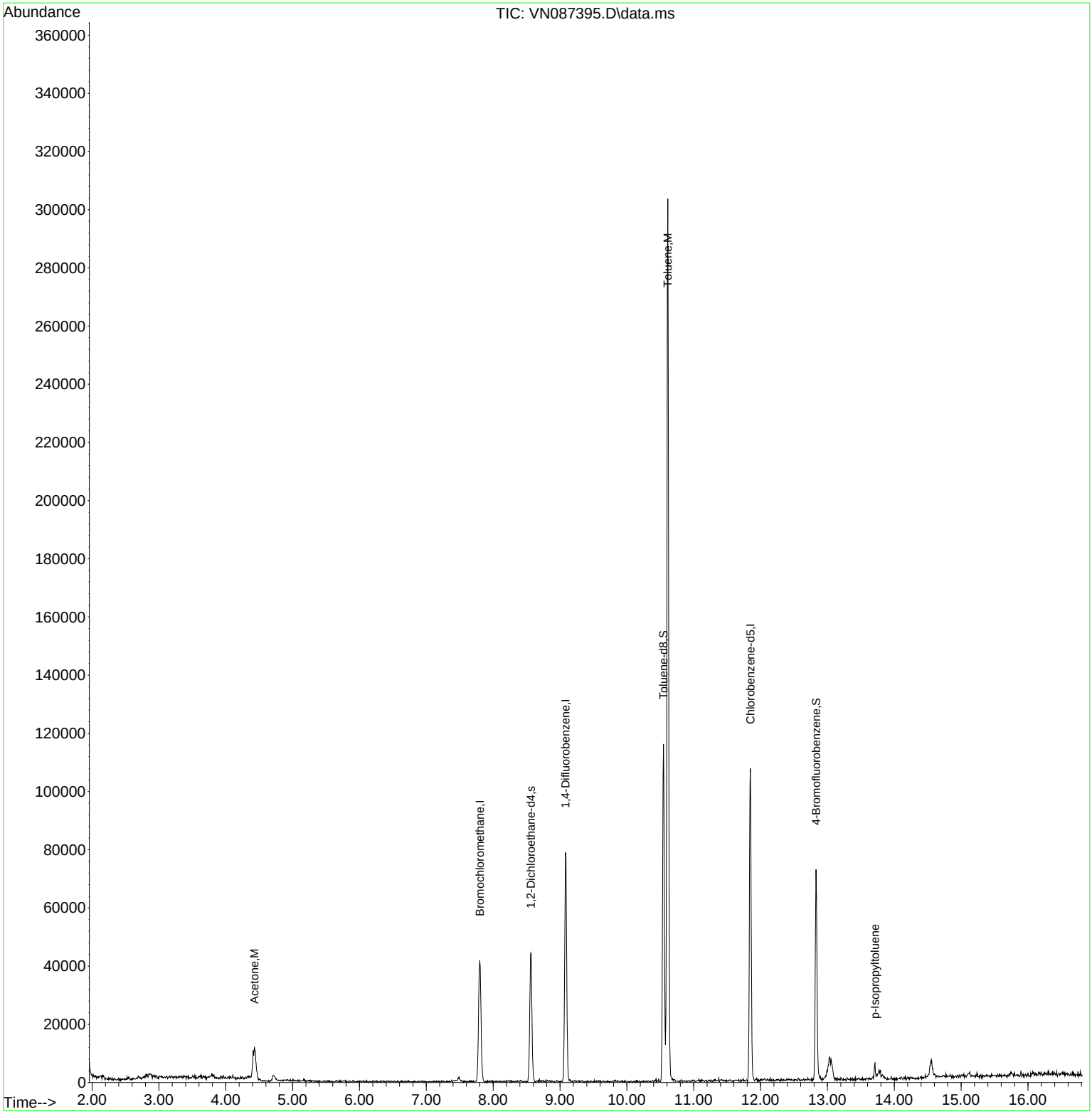
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087395.D
Acq On : 22 Jul 2025 17:28
Operator : JC\MD
Sample : Q2669-01DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

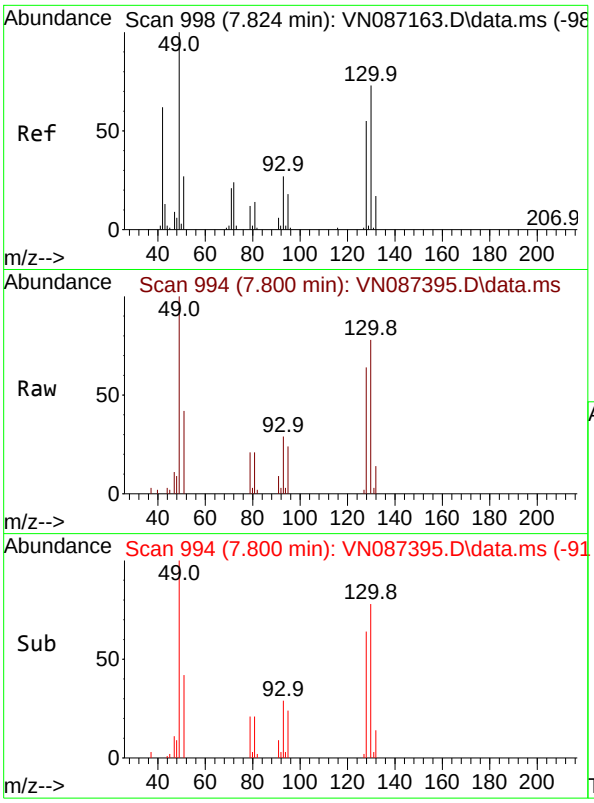
Quant Time: Jul 23 05:58:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

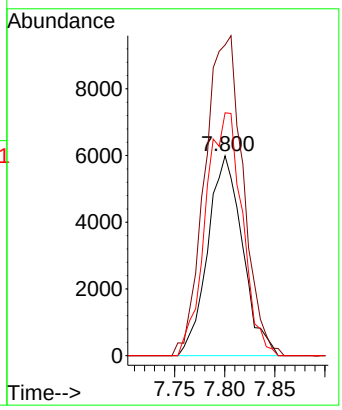




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. -0.024 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion:128 Resp: 1446

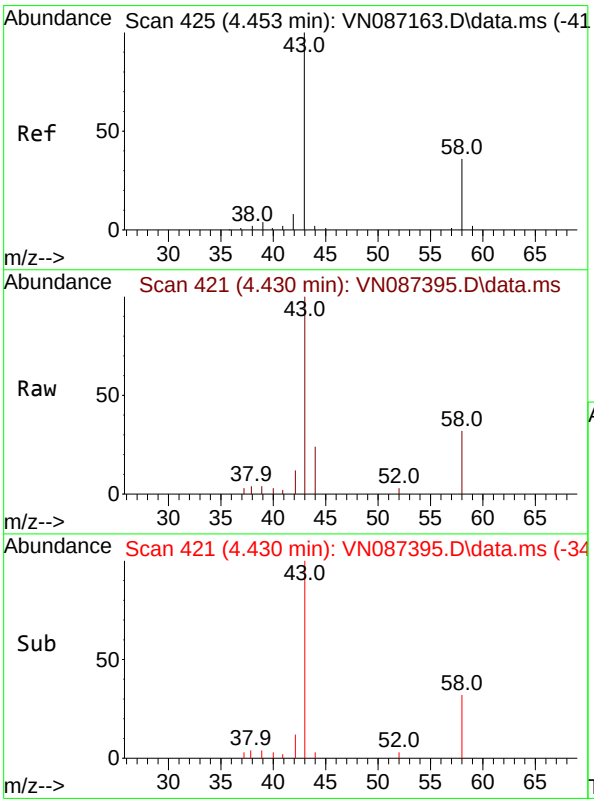
Ion	Ratio	Lower	Upper
128	100		
49	176.3	0.0	450.5
130	127.9	0.0	320.7



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

Manual Integrations
APPROVED

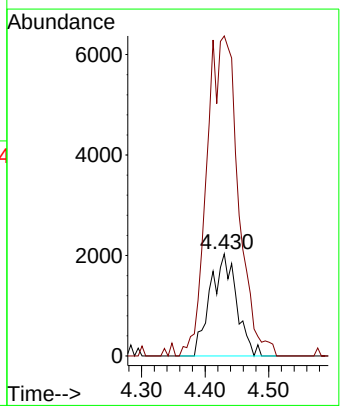
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

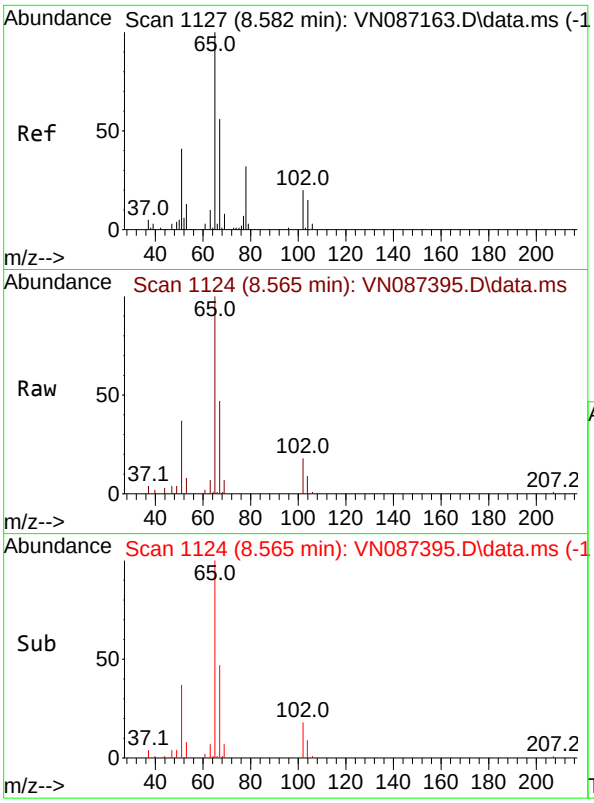


#15
Acetone
Concen: 31.134 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.023 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion: 58 Resp: 5821

Ion	Ratio	Lower	Upper
58	100		
43	313.7	224.3	336.5





#27
1,2-Dichloroethane-d4
Concen: 35.595 ug/l
RT: 8.565 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

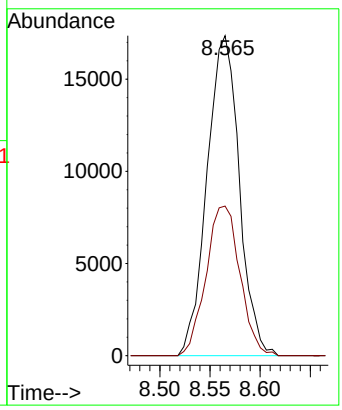
Tgt Ion: 65 Resp: 3878

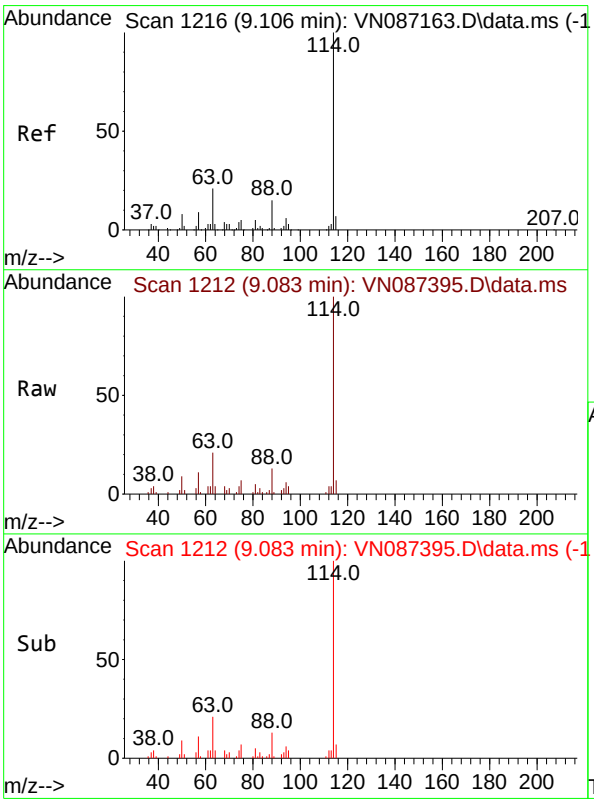
Ion	Ratio	Lower	Upper
65	100		
67	49.1	41.9	62.9

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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

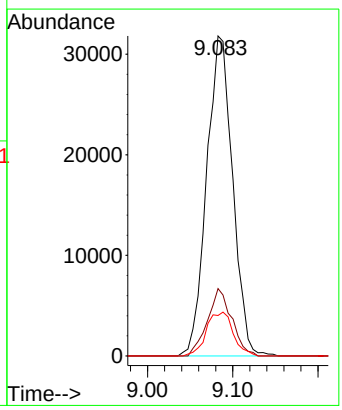


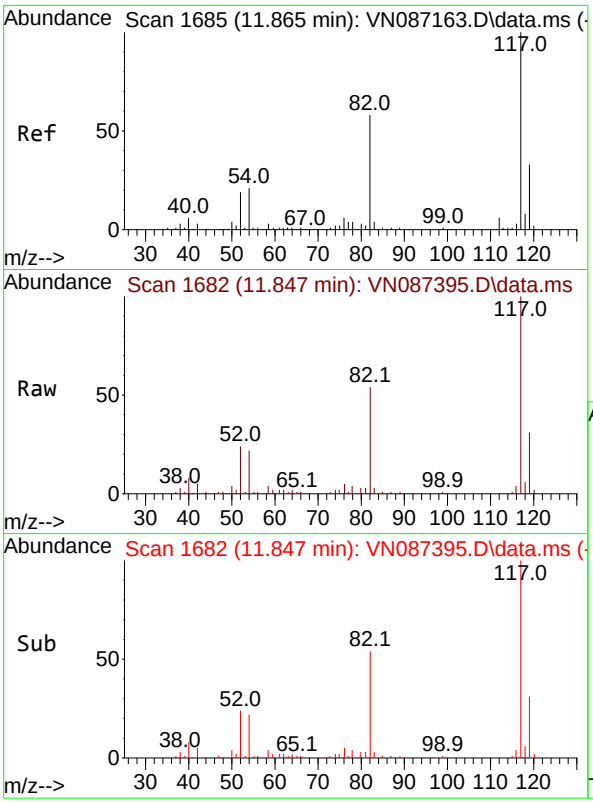


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.023 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion:114 Resp: 67398

Ion	Ratio	Lower	Upper
114	100		
63	19.7	17.0	25.4
88	14.1	12.6	19.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

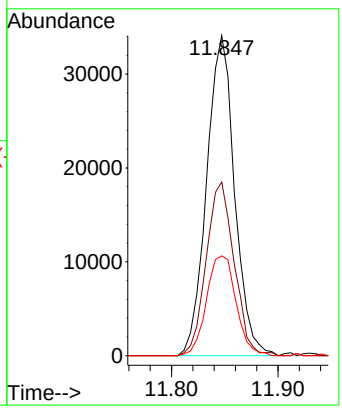
Tgt Ion:117 Resp: 6227

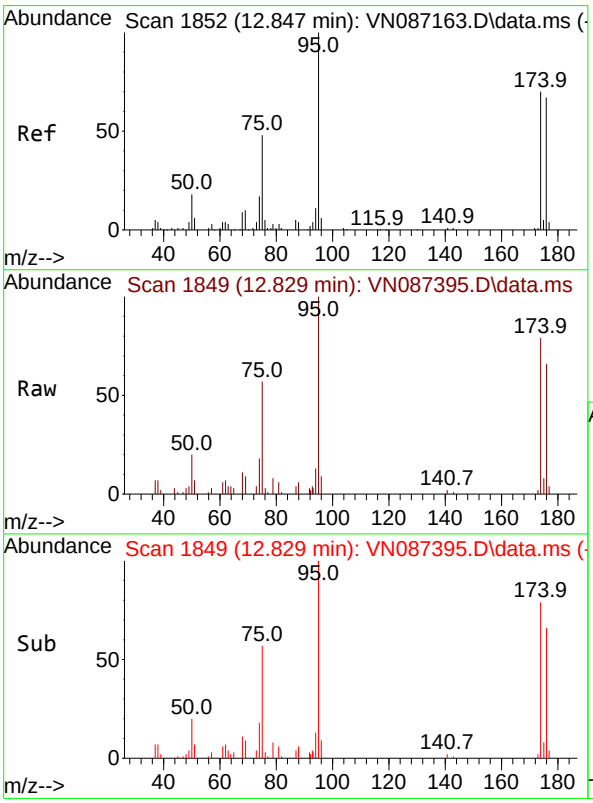
Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.4	68.2
119	32.9	26.2	39.4

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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

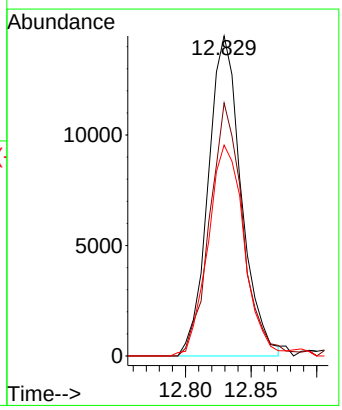


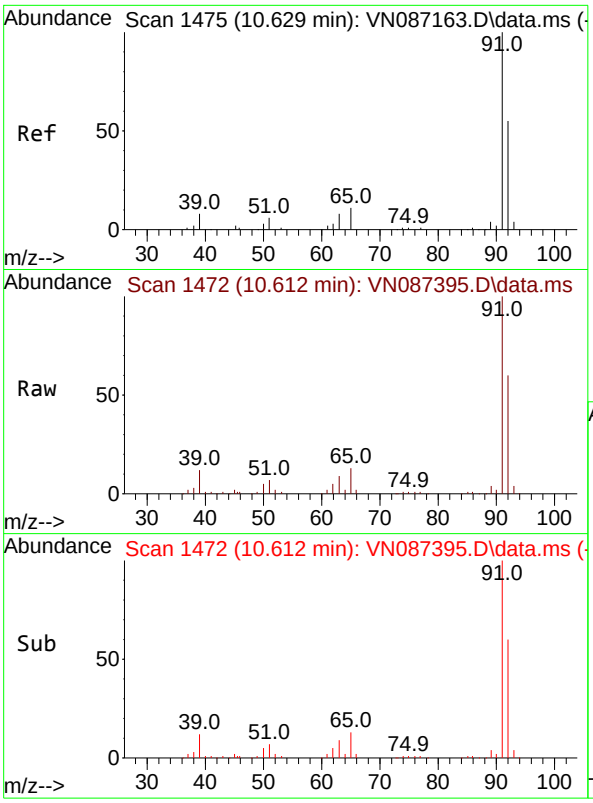


#60
4-Bromofluorobenzene
Concen: 26.430 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.017 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion: 95 Resp: 25397

Ion	Ratio	Lower	Upper
95	100		
174	79.2	54.5	81.7
176	71.9	51.9	77.9





#62
Toluene
Concen: 61.567 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.017 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

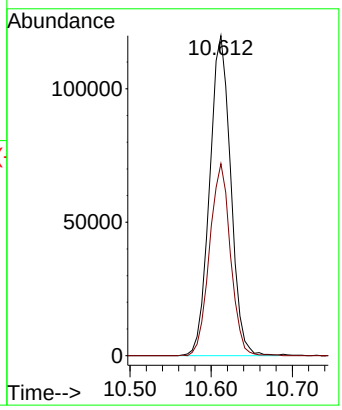
Tgt Ion: 91 Resp: 21653

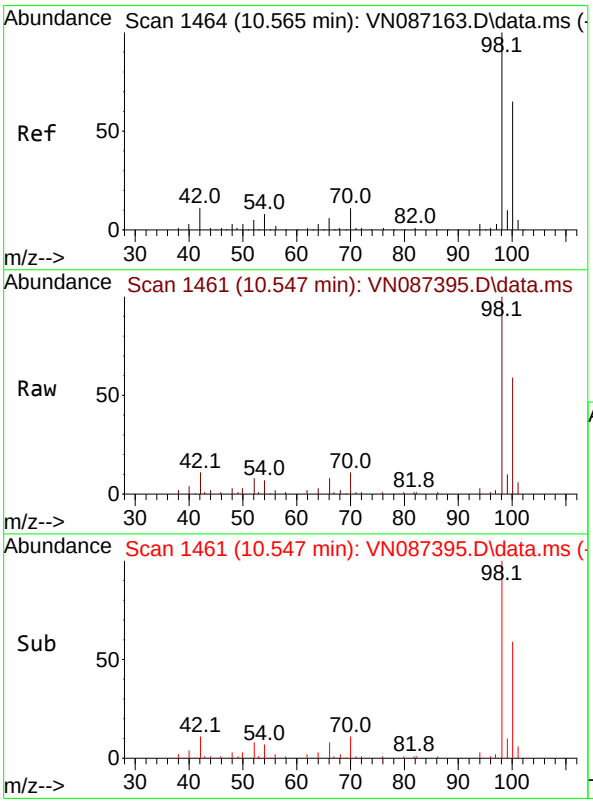
Ion	Ratio	Lower	Upper
91	100		
92	59.3	45.8	68.8

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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

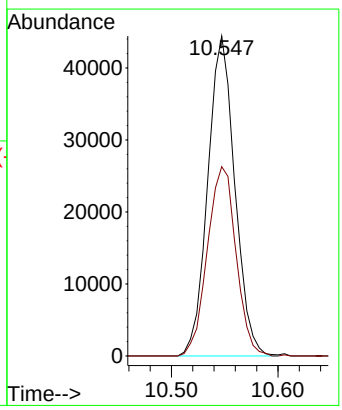


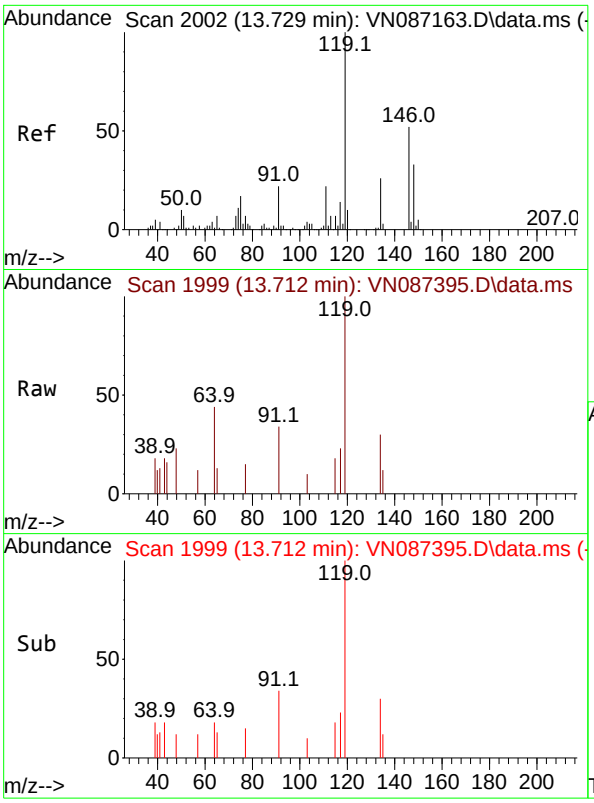


#63
Toluene-d8
Concen: 28.040 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion: 98 Resp: 78400

Ion	Ratio	Lower	Upper
98	100		
100	62.7	52.5	78.7

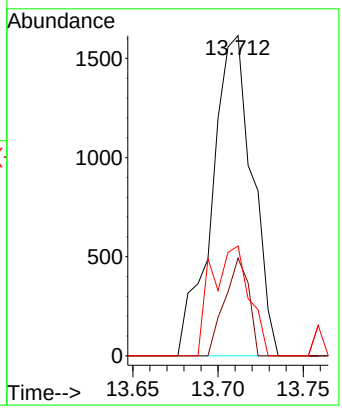




#82
p-Isopropyltoluene
Concen: 0.920 ug/l
RT: 13.712 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087395.D
Acq: 22 Jul 2025 17:28

Tgt Ion:119 Resp: 266

Ion	Ratio	Lower	Upper
119	100		
134	18.2	0.0	51.2
91	21.1	0.0	46.4



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

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Raw Data: **VN087394.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:	07/21/25
Project:	Transfer Station-SPDES	Date Received:	07/22/25
Client Sample ID:	002 35th Ave (JUNE)	SDG No.:	Q2669
Lab Sample ID:	Q2669-02	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:	Date Analyzed	Prep Batch ID
VN087394.D	1	07/22/25 17:07	VN072225

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	820	E	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	UQ	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	UQ	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	34.3	*	91 - 110	114%	SPK: 30
2037-26-5	Toluene-d8	27.6		91 - 112	92%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.9		63 - 112	90%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	23400	7.794			
540-36-3	1,4-Difluorobenzene	108000	9.088			
3114-55-4	Chlorobenzene-d5	107000	11.847			

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

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

Sample Results: **VN087394.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087394.D
Acq On : 22 Jul 2025 17:07
Operator : JC\MD
Sample : Q2669-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Quant Time: Jul 23 05:57:41 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	7.794	128	23359	30.000	ug/l	-0.03
28) 1,4-Difluorobenzene	9.088	114	108192	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	106953	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	60290	34.256	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.200%#			
60) 4-Bromofluorobenzene	12.829	95	44373	26.886	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.633%			
63) Toluene-d8	10.547	98	132585	27.609	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 92.033%			
Target Compounds						Qvalue
15) Acetone	4.418	58	97543	323.000	ug/l #	67
30) 2-Butanone	7.477	43	58085	51.063	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	11898	5.534	ug/l #	88
62) Toluene	10.612	91	4944966	818.631	ug/l	99
66) Ethyl Benzene	11.941	91	3495m	0.529	ug/l	
67) m/p-Xylenes	12.053	106	2663	1.051	ug/l	96
68) o-Xylene	12.388	106	1134m	0.469	ug/l	
80) 1,2,4-Trimethylbenzene	13.464	105	4193	0.852	ug/l	86
82) p-Isopropyltoluene	13.706	119	56929	11.423	ug/l	95

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

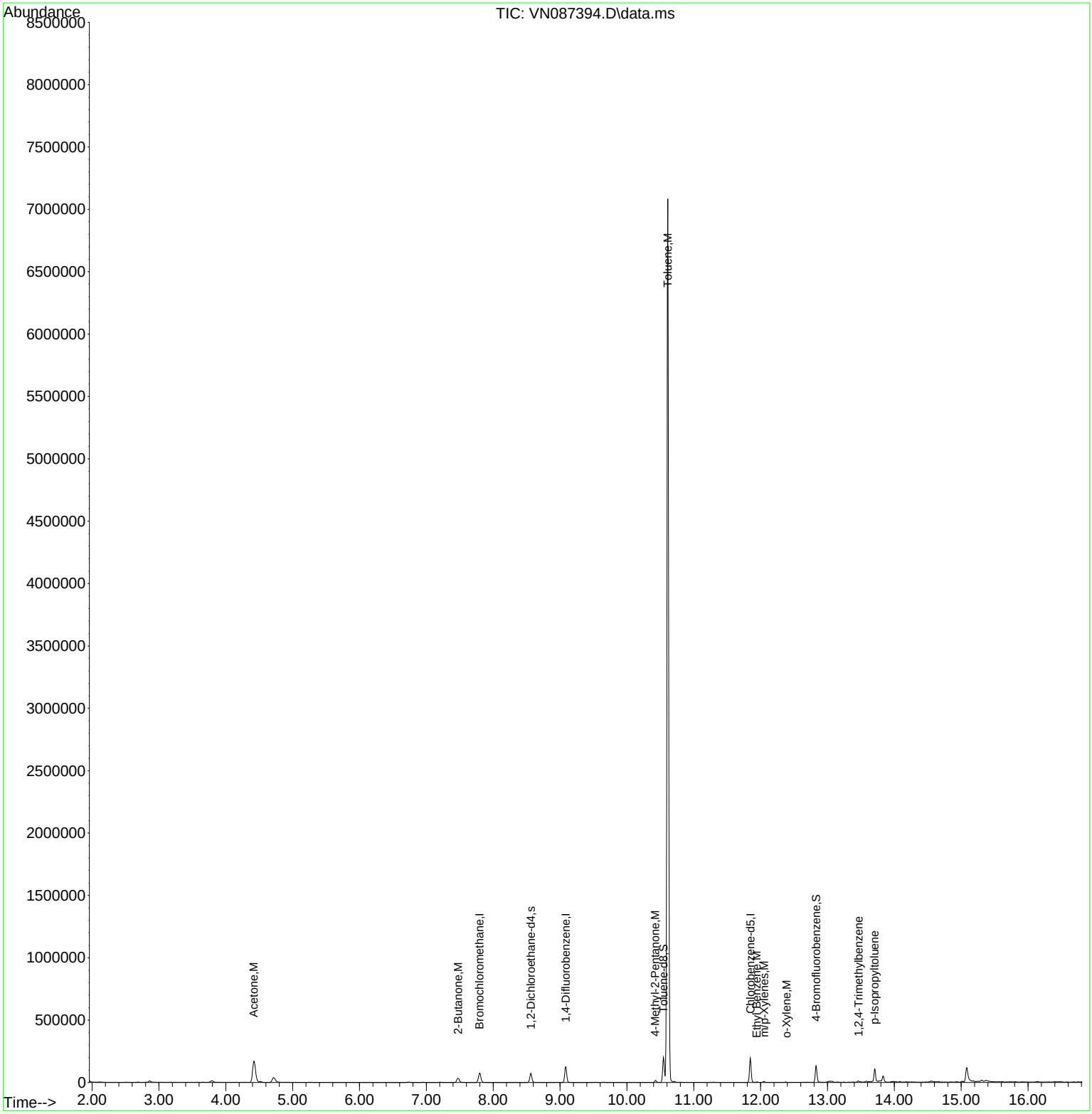
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087394.D
Acq On : 22 Jul 2025 17:07
Operator : JC\MD
Sample : Q2669-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

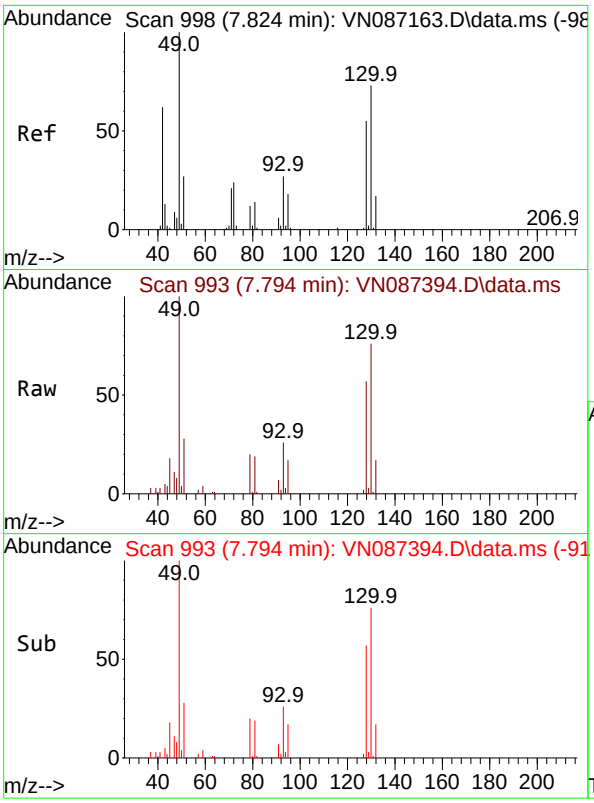
Quant Time: Jul 23 05:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. -0.030 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

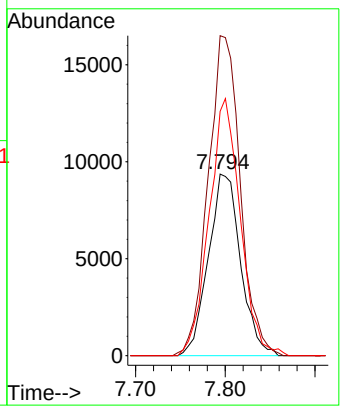
Tgt Ion:128 Resp: 2335

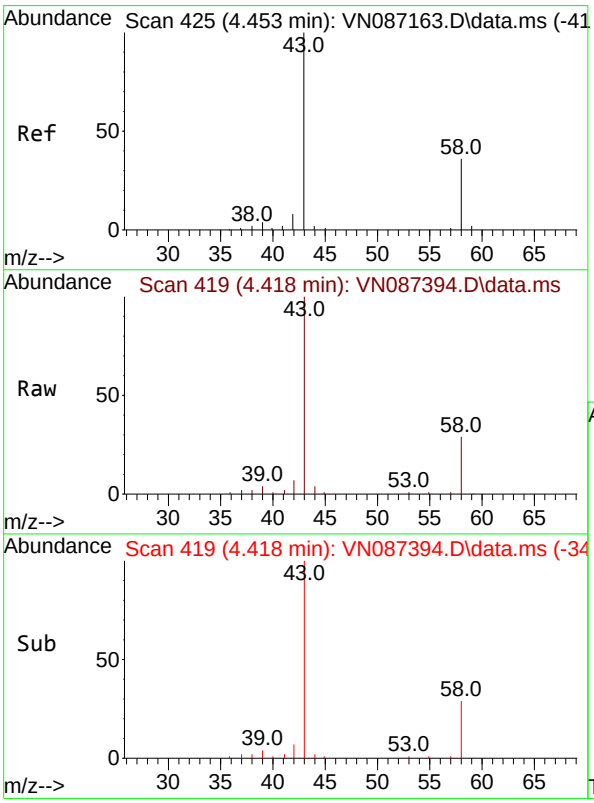
Ion	Ratio	Lower	Upper
128	100		
49	175.4	0.0	450.5
130	137.4	0.0	320.7

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

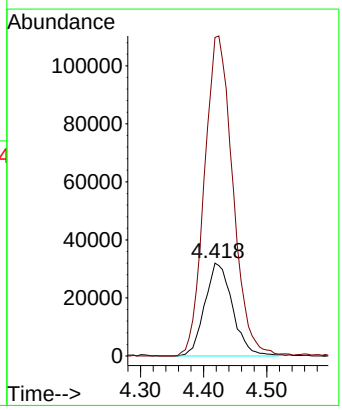


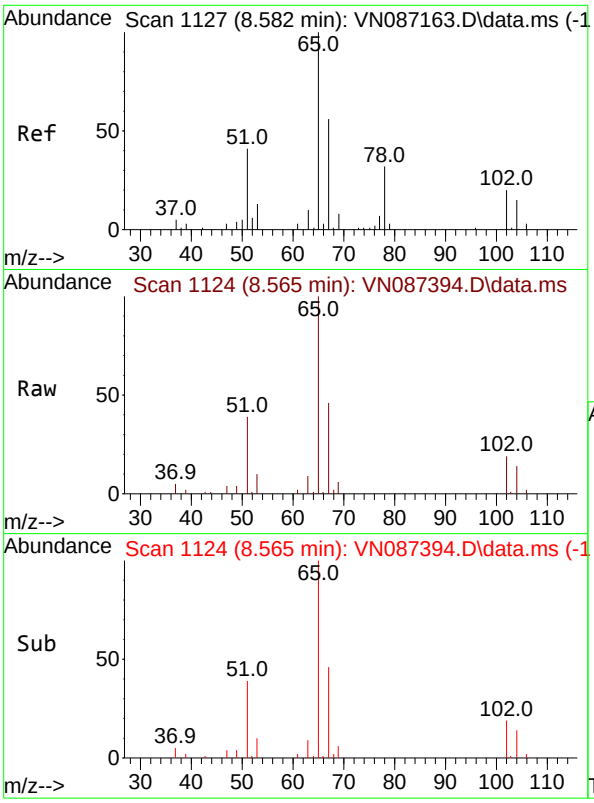


#15
Acetone
Concen: 323.000 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.035 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 58 Resp: 97543

Ion	Ratio	Lower	Upper
58	100		
43	342.4	224.3	336.5#

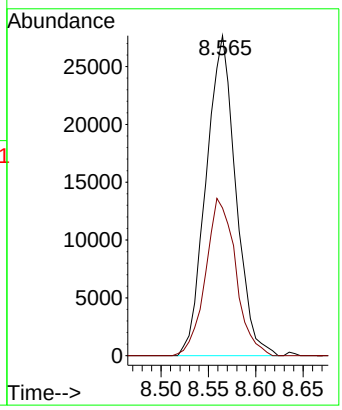




#27
1,2-Dichloroethane-d4
Concen: 34.256 ug/l
RT: 8.565 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 65 Resp: 6029

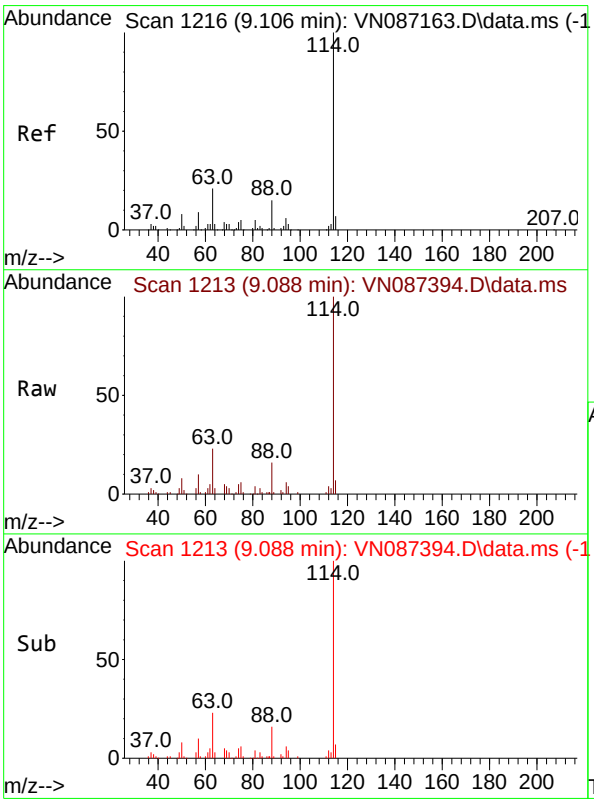
Ion	Ratio	Lower	Upper
65	100		
67	49.8	41.9	62.9



Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations
APPROVED

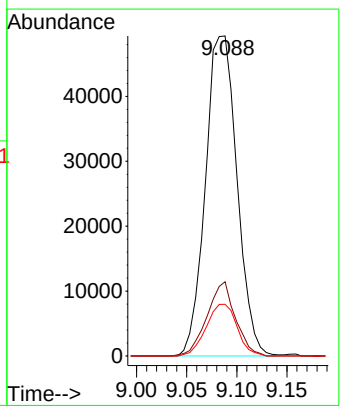
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

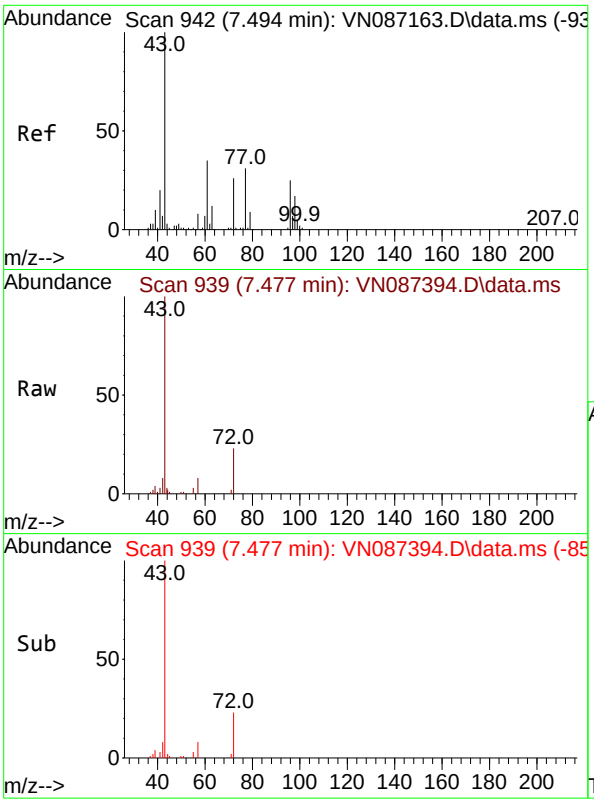


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion:114 Resp: 108192

Ion	Ratio	Lower	Upper
114	100		
63	20.8	17.0	25.4
88	15.8	12.6	19.0





#30
2-Butanone
Concen: 51.063 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

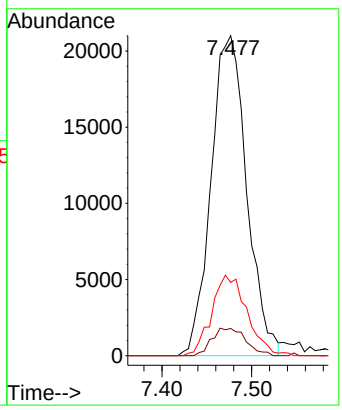
Tgt Ion: 43 Resp: 5808

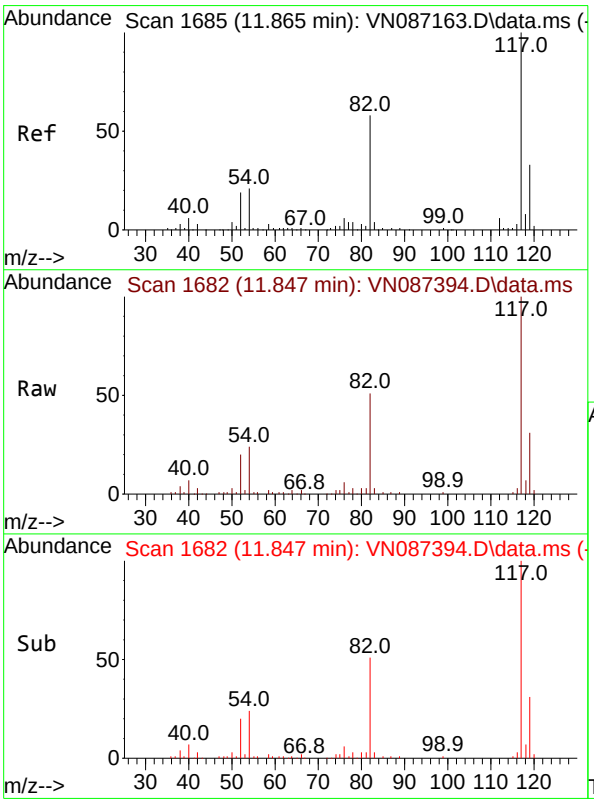
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.3	9.5
72	24.7	21.8	32.6

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

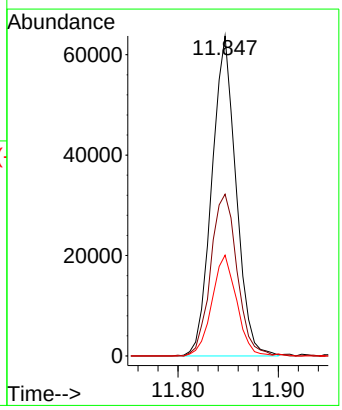


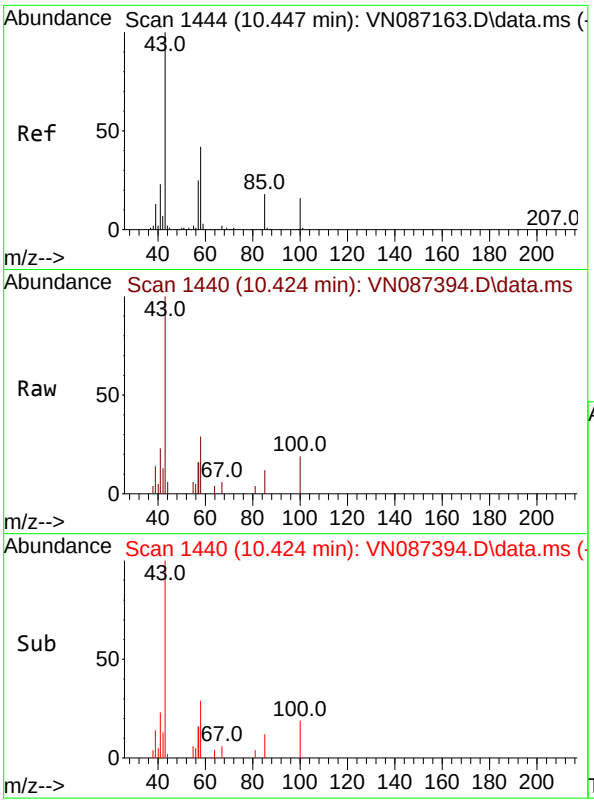


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion:117 Resp: 106953

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.4	68.2
119	32.1	26.2	39.4





#58
4-Methyl-2-Pentanone
Concen: 5.534 ug/l
RT: 10.424 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 43 Resp: 1189

Ion	Ratio	Lower	Upper
43	100		
58	32.9	32.6	49.0
85	14.0	14.6	22.0

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations
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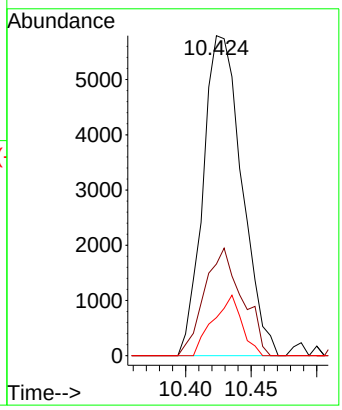
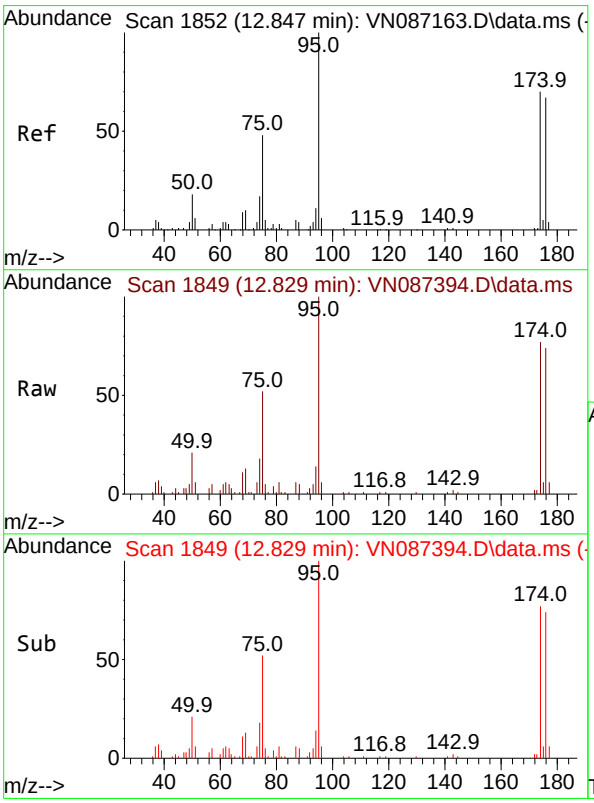
Supervised By :Semsettin Yesilyurt 07/23/2025

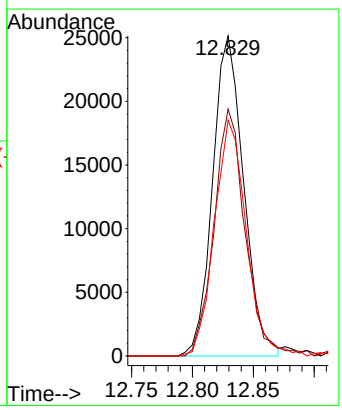


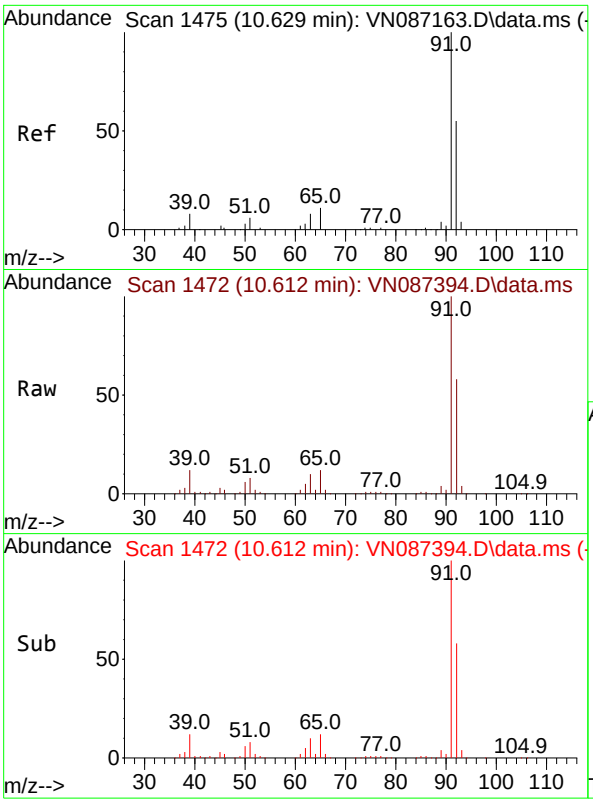


#60
4-Bromofluorobenzene
Concen: 26.886 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 95 Resp: 44373

Ion	Ratio	Lower	Upper
95	100		
174	77.7	54.5	81.7
176	76.0	51.9	77.9





#62
Toluene
Concen: 818.631 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 91 Resp: 494496

Ion	Ratio	Lower	Upper
91	100		
92	57.9	45.8	68.8

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

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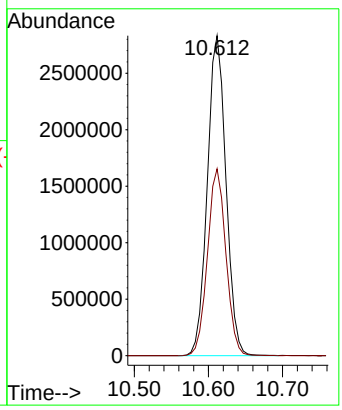
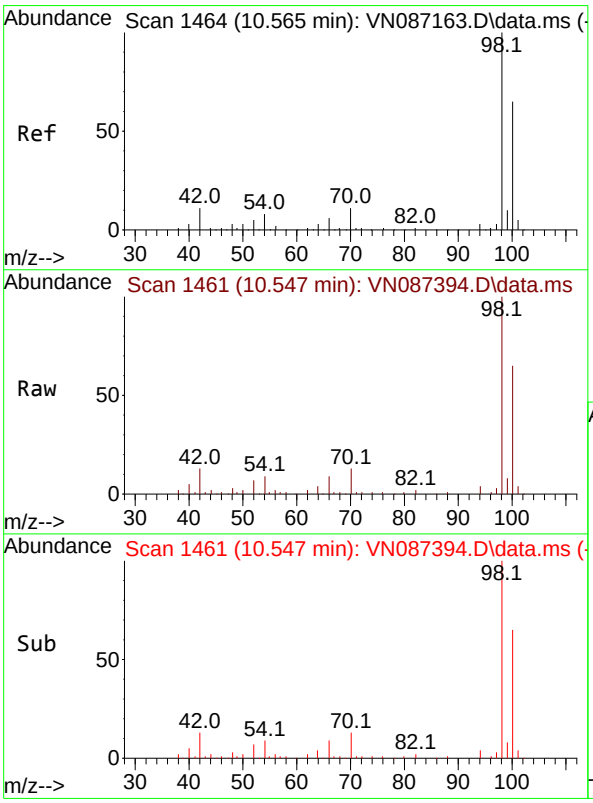
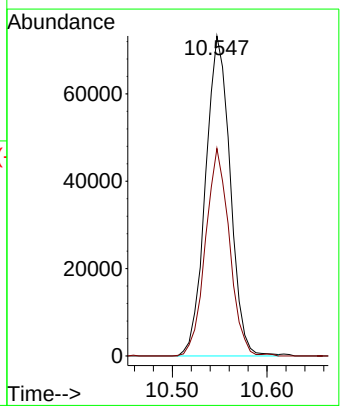


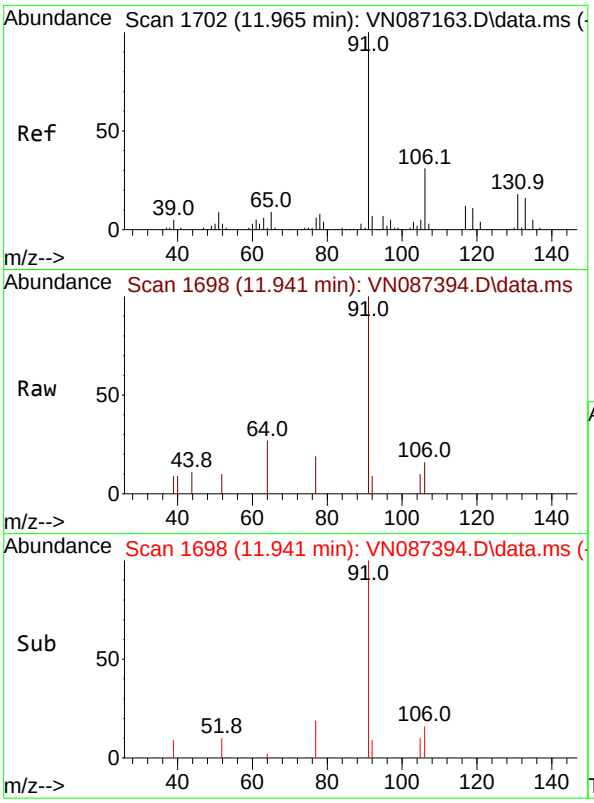


#63
Toluene-d8
Concen: 27.609 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 98 Resp: 132585

Ion	Ratio	Lower	Upper
98	100		
100	62.9	52.5	78.7





#66
Ethyl Benzene
Concen: 0.529 ug/l m
RT: 11.941 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion: 91 Resp: 349

Ion	Ratio	Lower	Upper
91	100		
106	16.3	24.8	37.2

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

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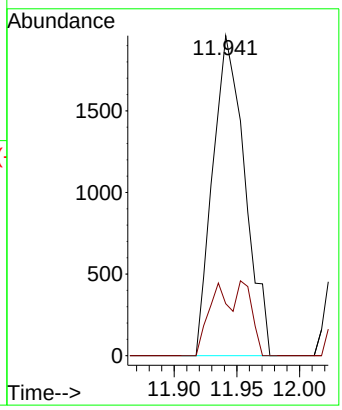
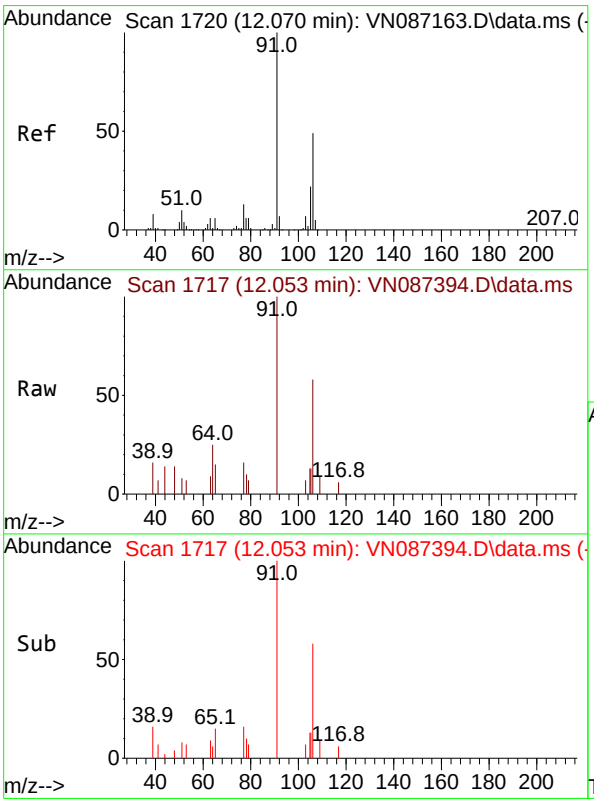
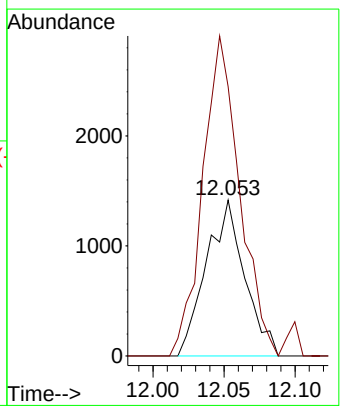


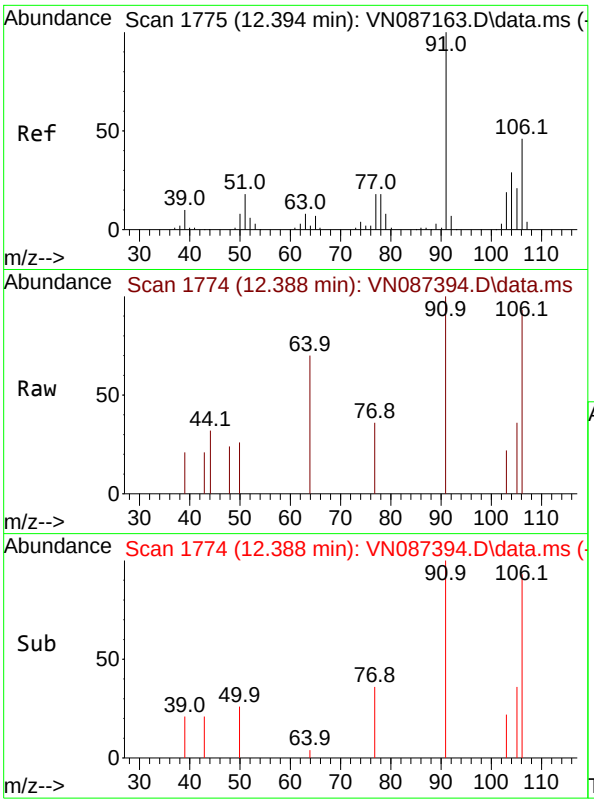


#67
m/p-Xylenes
Concen: 1.051 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion:106 Resp: 2663

Ion	Ratio	Lower	Upper
106	100		
91	197.2	163.0	244.4





#68
o-Xylene
Concen: 0.469 ug/l m
RT: 12.388 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion:106 Resp: 113

Ion	Ratio	Lower	Upper
106	100		
91	463.1	107.1	321.1#

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

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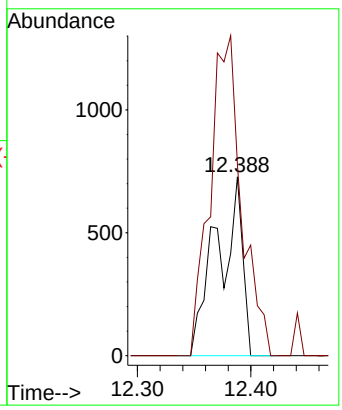
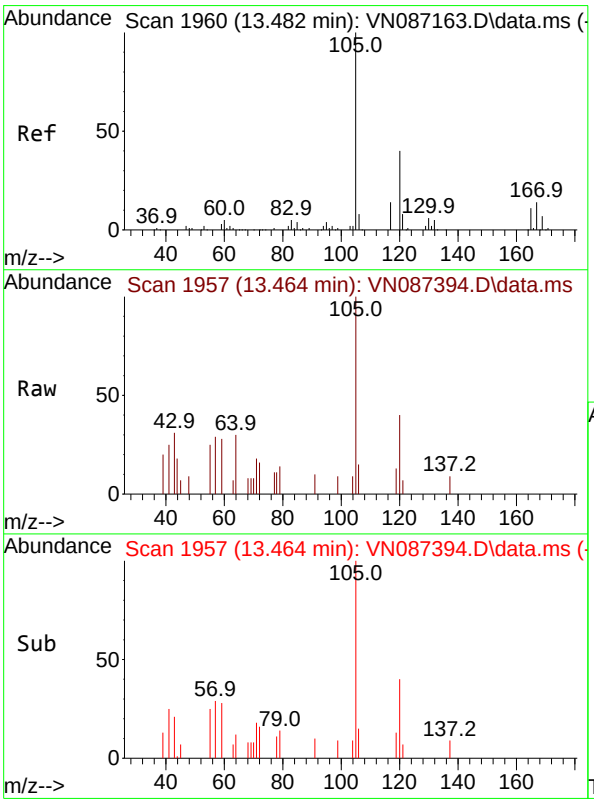
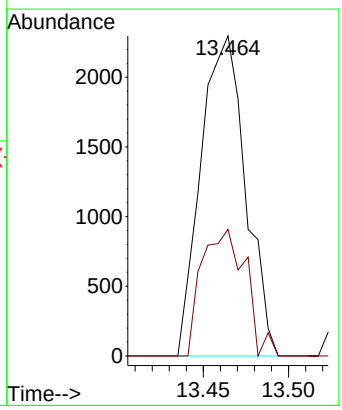


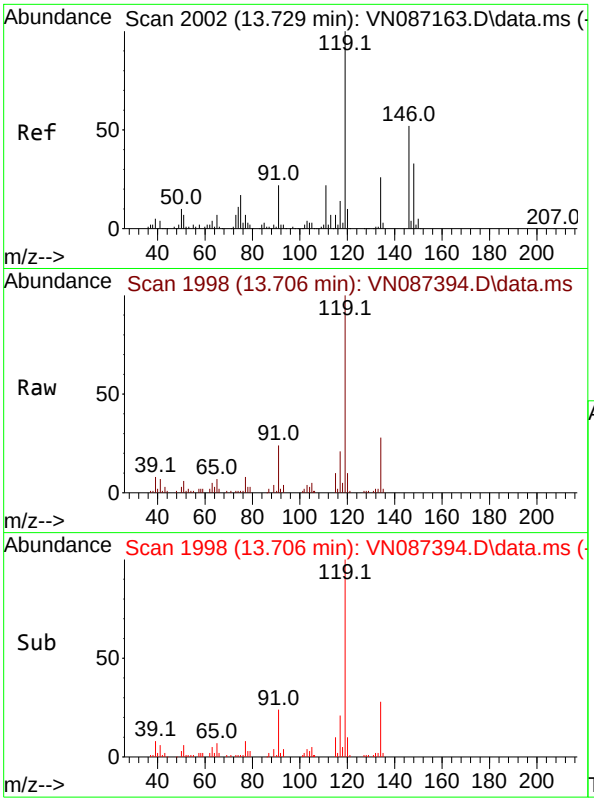


#80
1,2,4-Trimethylbenzene
Concen: 0.852 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. -0.018 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion:105 Resp: 4193

Ion	Ratio	Lower	Upper
105	100		
120	37.3	0.0	94.0

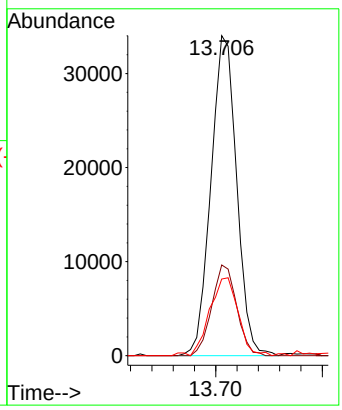




#82
p-Isopropyltoluene
Concen: 11.423 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN087394.D
Acq: 22 Jul 2025 17:07

Tgt Ion:119 Resp: 5692

Ion	Ratio	Lower	Upper
119	100		
134	27.4	0.0	51.2
91	26.4	0.0	46.4



Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Raw Data: **VN087396.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:	07/21/25
Project:	Transfer Station-SPDES	Date Received:	07/22/25
Client Sample ID:	002 35th Ave (JUNE)DL	SDG No.:	Q2669
Lab Sample ID:	Q2669-02DL	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:	Date Analyzed	Prep Batch ID
VN087396.D	20	07/22/25 17:49	VN072225

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	700	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	UDQ	26.0	200	ug/L
95-47-6	o-Xylene	13.4	UDQ	13.4	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	34.4	*	91 - 110	115%	SPK: 30
2037-26-5	Toluene-d8	29.6		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.2		63 - 112	87%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	25100	7.8			
540-36-3	1,4-Difluorobenzene	120000	9.083			
3114-55-4	Chlorobenzene-d5	109000	11.847			

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\VN072225\
Data File : VN087396.D
Acq On : 22 Jul 2025 17:49
Operator : JC\MD
Sample : Q2669-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Quant Time: Jul 23 05:58:31 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	25071	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	120236	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	108734	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	64915	34.365	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.567%#			
60) 4-Bromofluorobenzene	12.829	95	44008	26.228	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.433%			
63) Toluene-d8	10.547	98	144327	29.562	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.533%			
Target Compounds						Qvalue
15) Acetone	4.424	58	5664m	17.475	ug/l	
62) Toluene	10.612	91	214012	34.849	ug/l	98
82) p-Isopropyltoluene	13.706	119	2433	0.480	ug/l	80

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087396.D
Acq On : 22 Jul 2025 17:49
Operator : JC\MD
Sample : Q2669-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 23 05:58:31 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 :
002 35th Ave (JUNE)DL

Manual Integrations APPROVED

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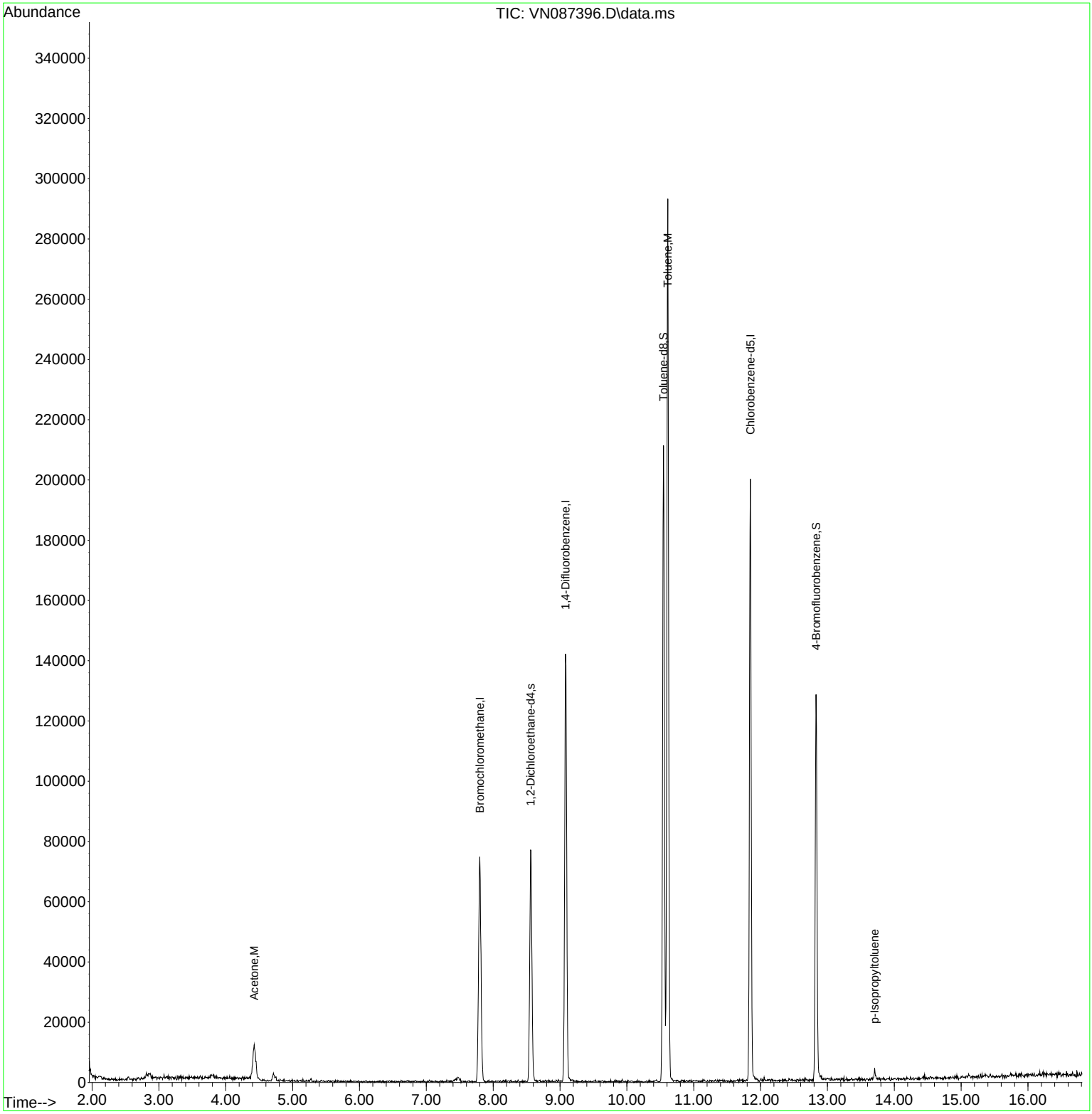

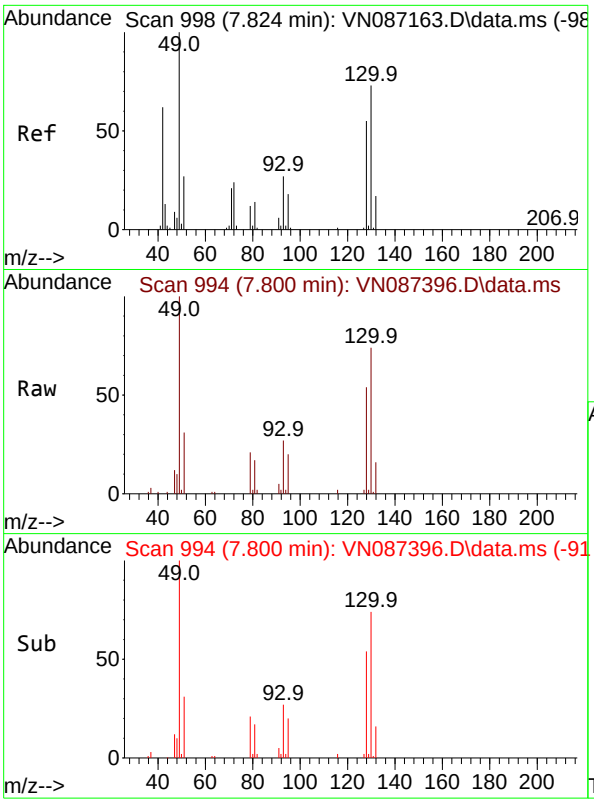

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. -0.024 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion:128 Resp: 2507

Ion	Ratio	Lower	Upper
128	100		
49	177.8	0.0	450.5
130	131.7	0.0	320.7

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Manual Integrations
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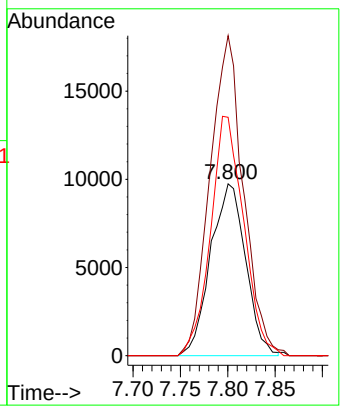
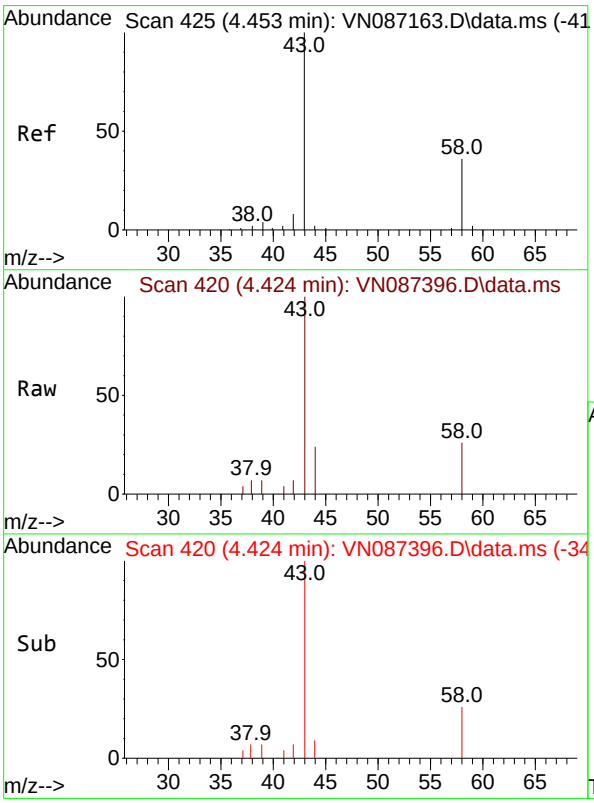
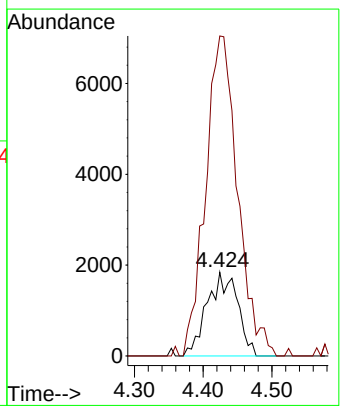


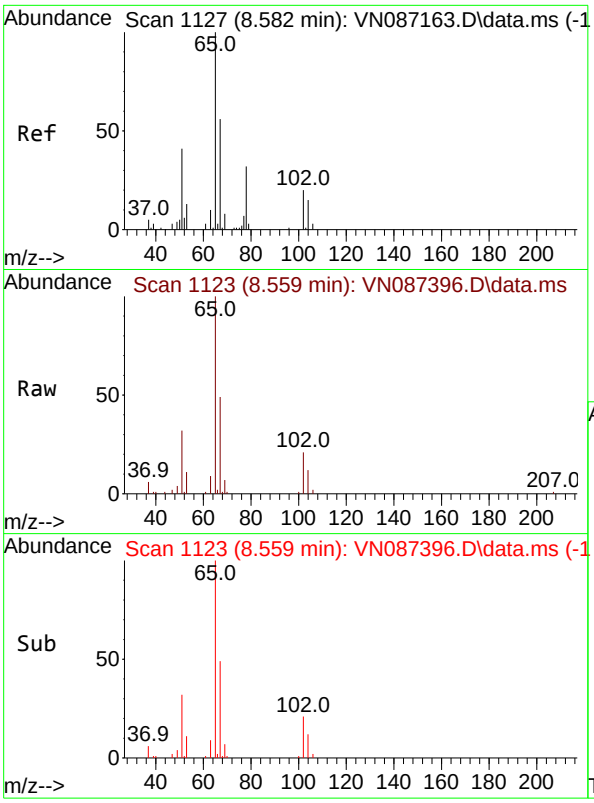


#15
Acetone
Concen: 17.475 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.029 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion: 58 Resp: 5664

Ion	Ratio	Lower	Upper
58	100		
43	382.0	224.3	336.5#





#27
1,2-Dichloroethane-d4
Concen: 34.365 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion: 65 Resp: 6491

Ion	Ratio	Lower	Upper
65	100		
67	49.4	41.9	62.9

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Manual Integrations
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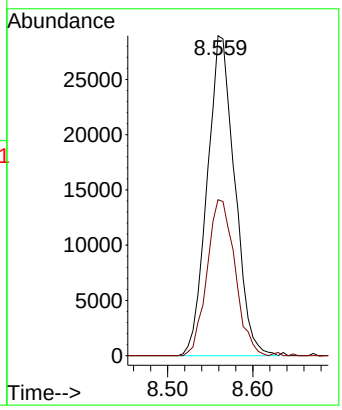
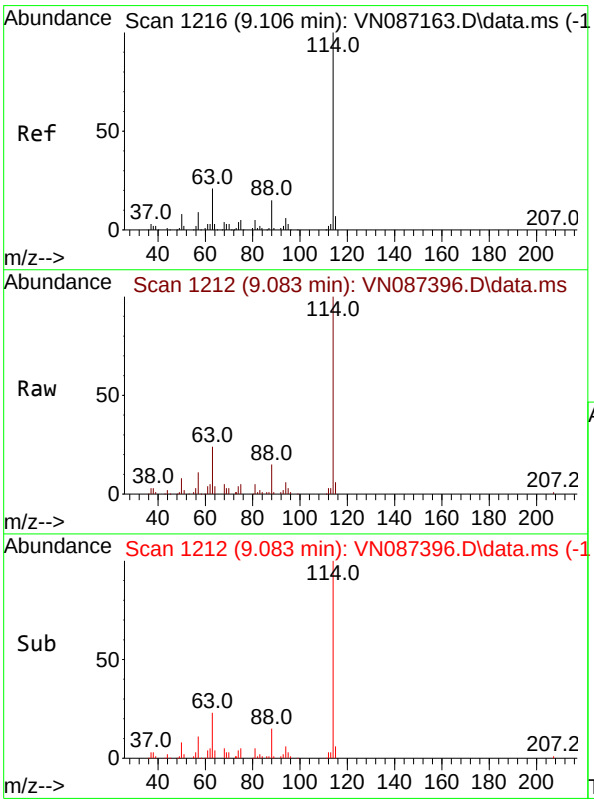
Supervised By :Semsettin Yesilyurt 07/23/2025

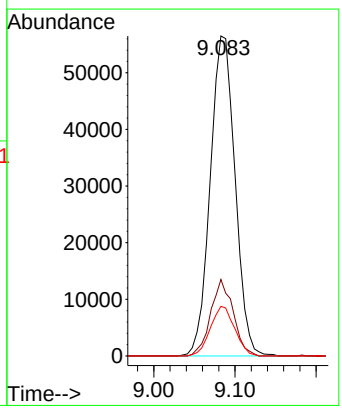


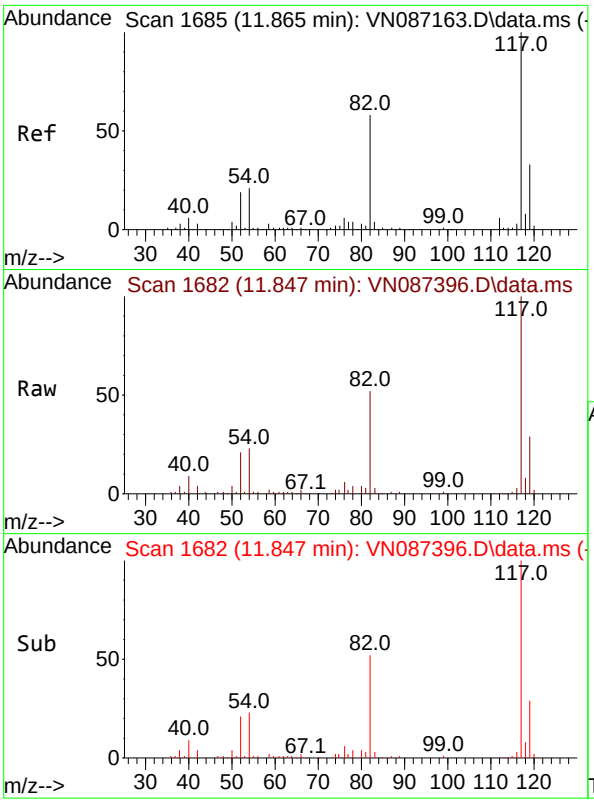


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.023 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion:114 Resp: 120236

Ion	Ratio	Lower	Upper
114	100		
63	21.7	17.0	25.4
88	15.1	12.6	19.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

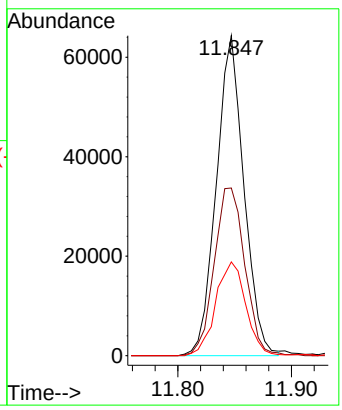
Tgt Ion:117 Resp: 10873

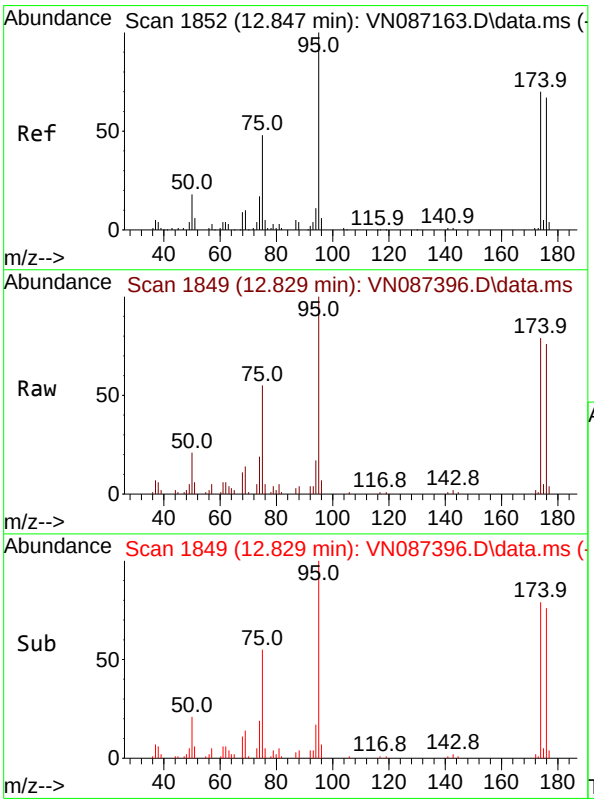
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.4	68.2
119	32.0	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

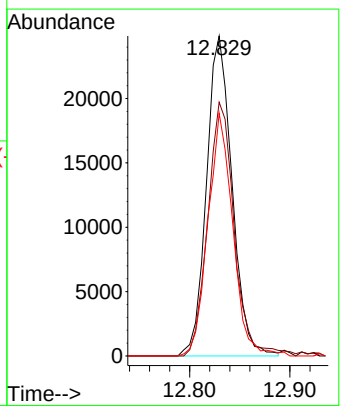


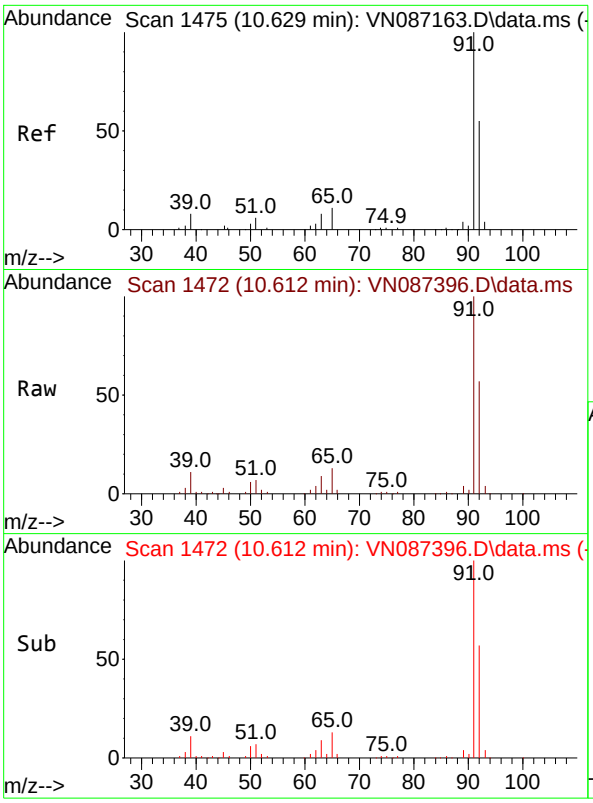


#60
4-Bromofluorobenzene
Concen: 26.228 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion: 95 Resp: 44008

Ion	Ratio	Lower	Upper
95	100		
174	79.8	54.5	81.7
176	72.9	51.9	77.9





#62
Toluene
Concen: 34.849 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

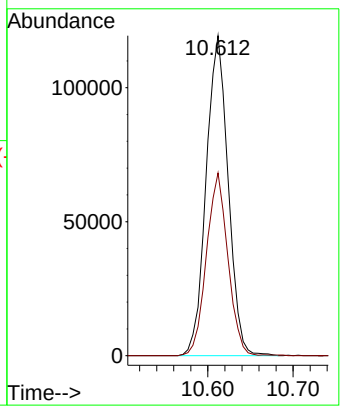
Tgt Ion: 91 Resp: 21401

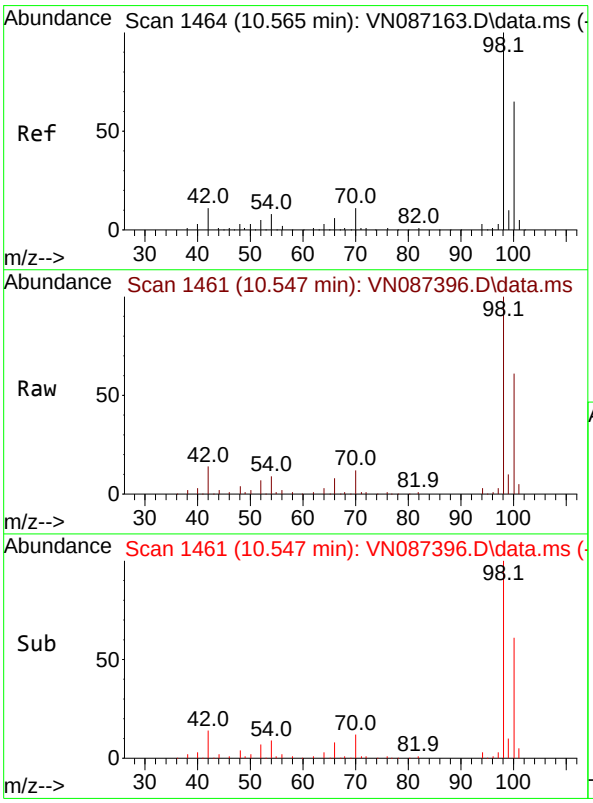
Ion	Ratio	Lower	Upper
91	100		
92	55.5	45.8	68.8

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

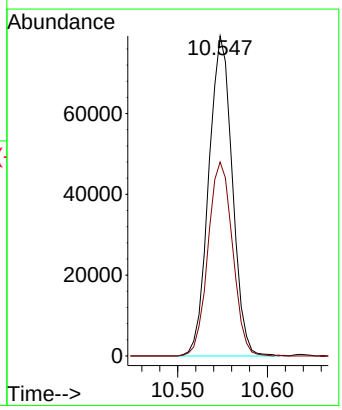


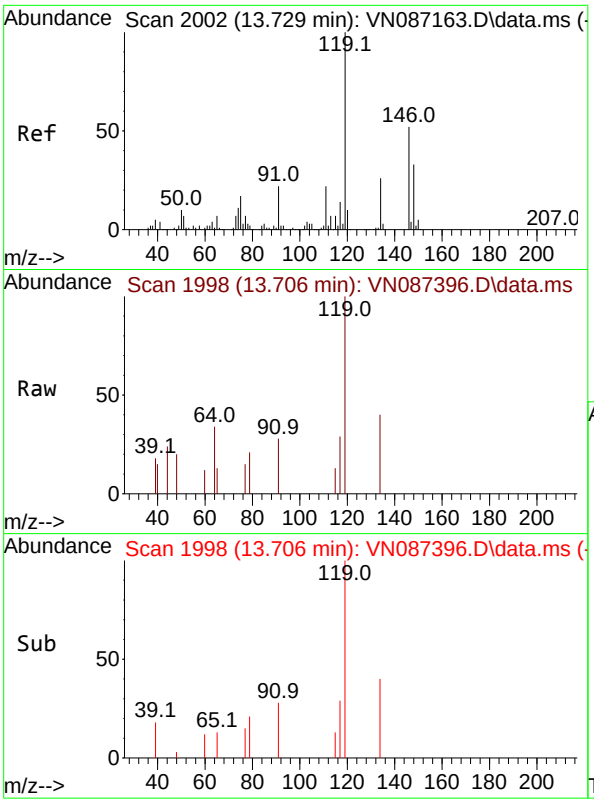


#63
Toluene-d8
Concen: 29.562 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion: 98 Resp: 144327

Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.5	78.7

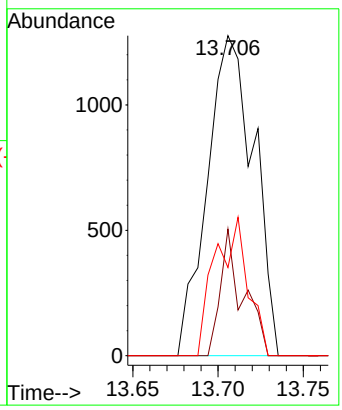




#82
p-Isopropyltoluene
Concen: 0.480 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion:119 Resp: 243

Ion	Ratio	Lower	Upper
119	100		
134	12.8	0.0	51.2
91	16.3	0.0	46.4



Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG No.: Q2669

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

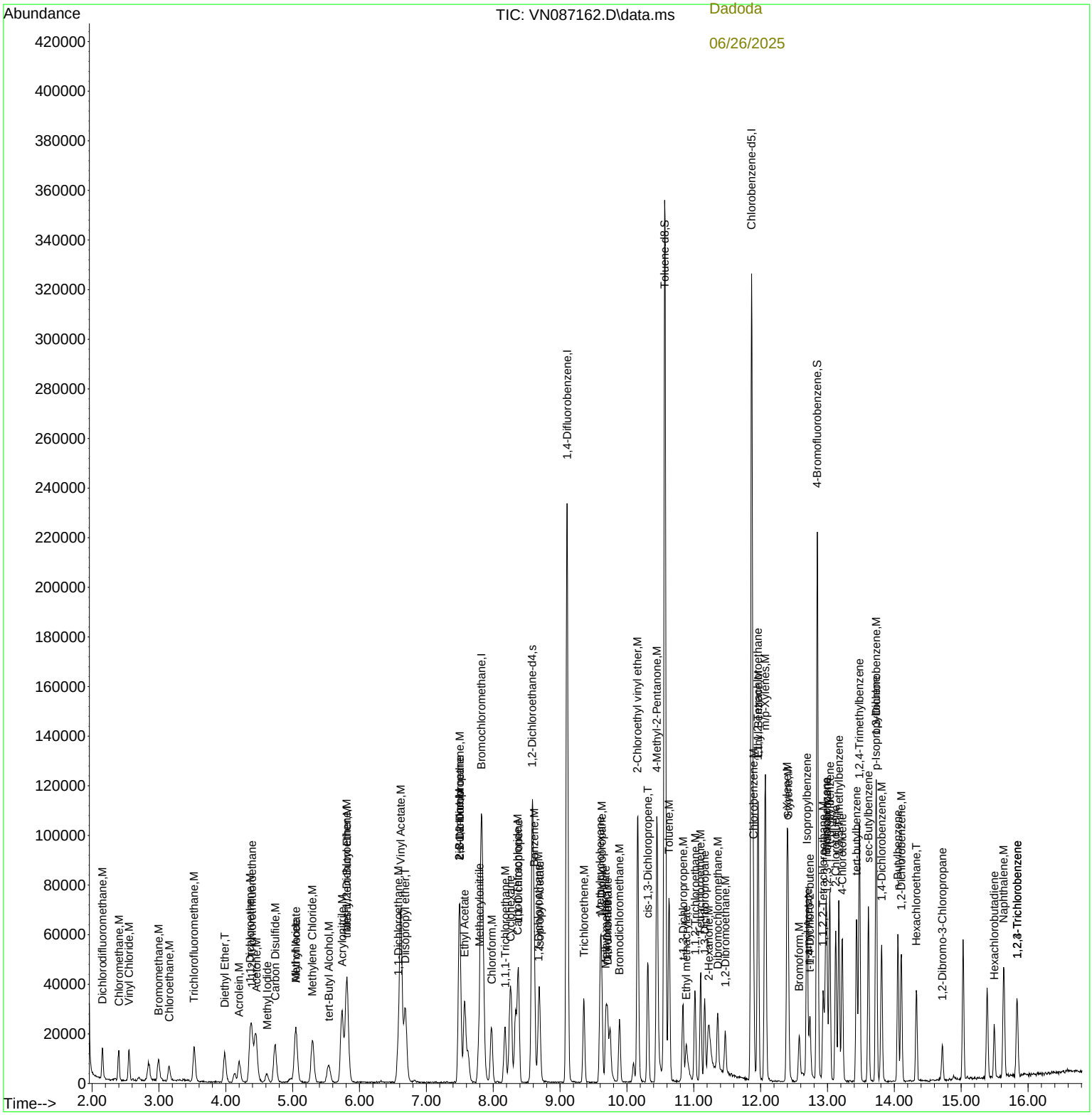
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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

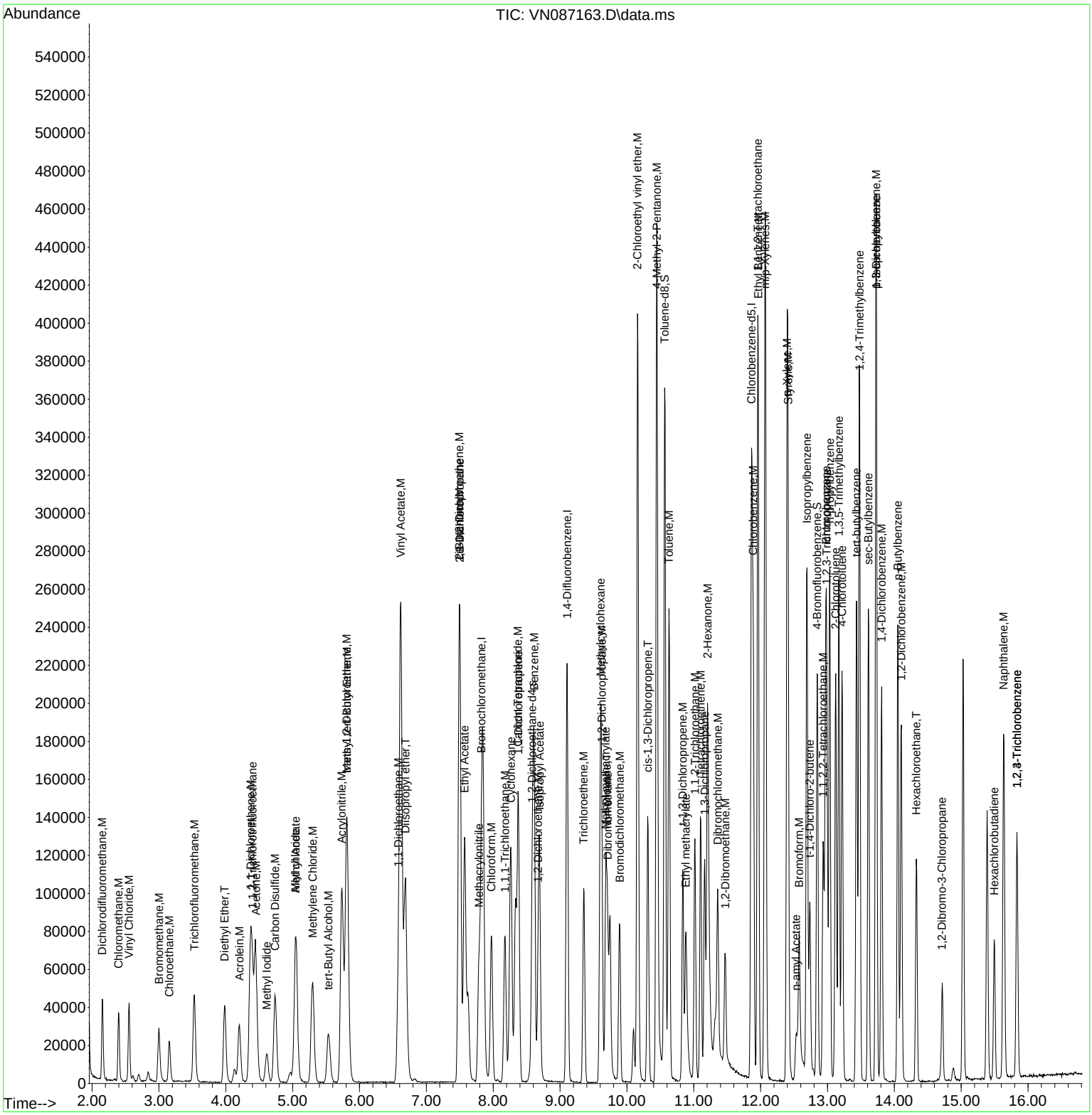
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087163.D
Acq On : 25 Jun 2025 09:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

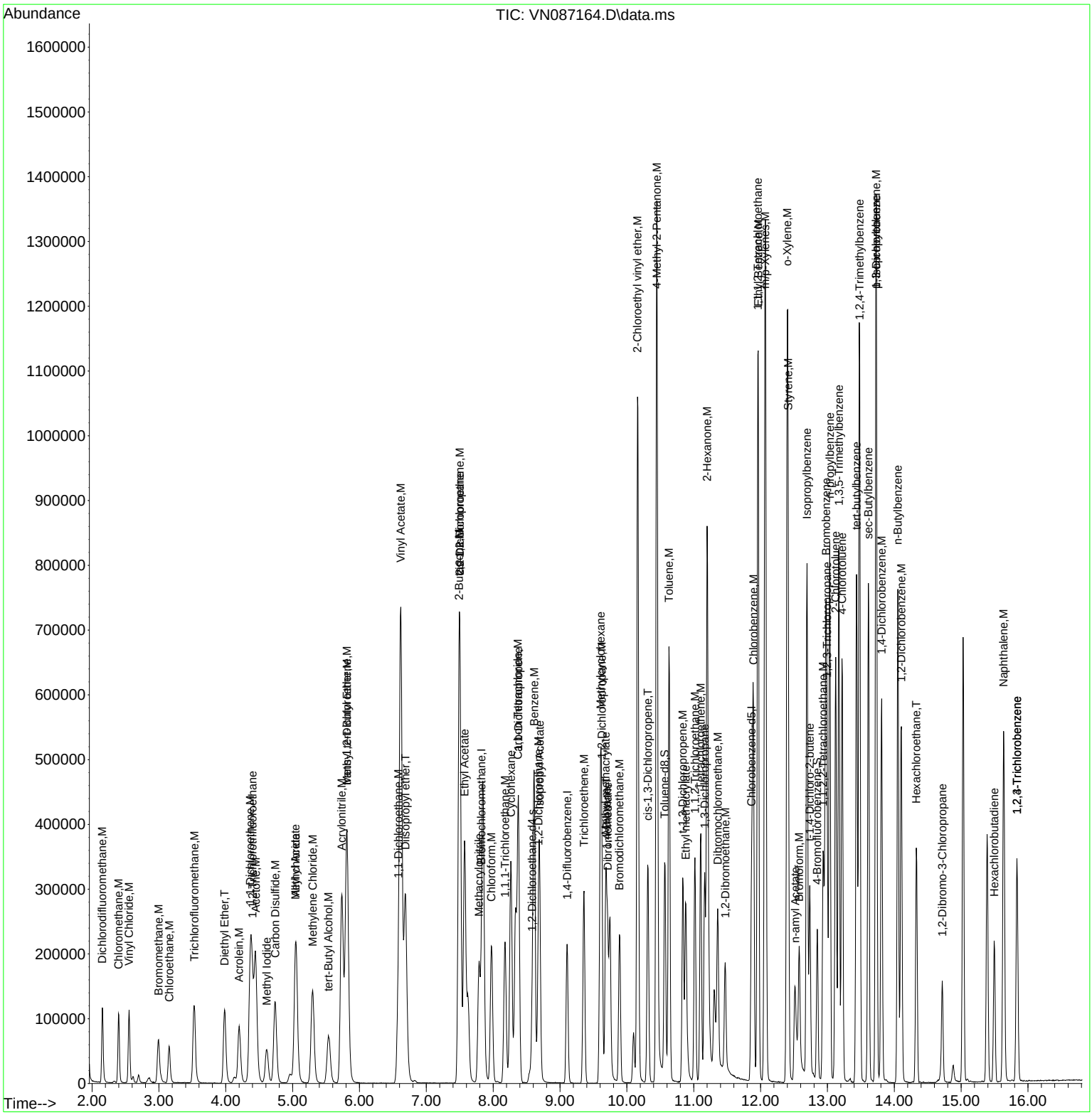
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087164.D
Acq On : 25 Jun 2025 09:41
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

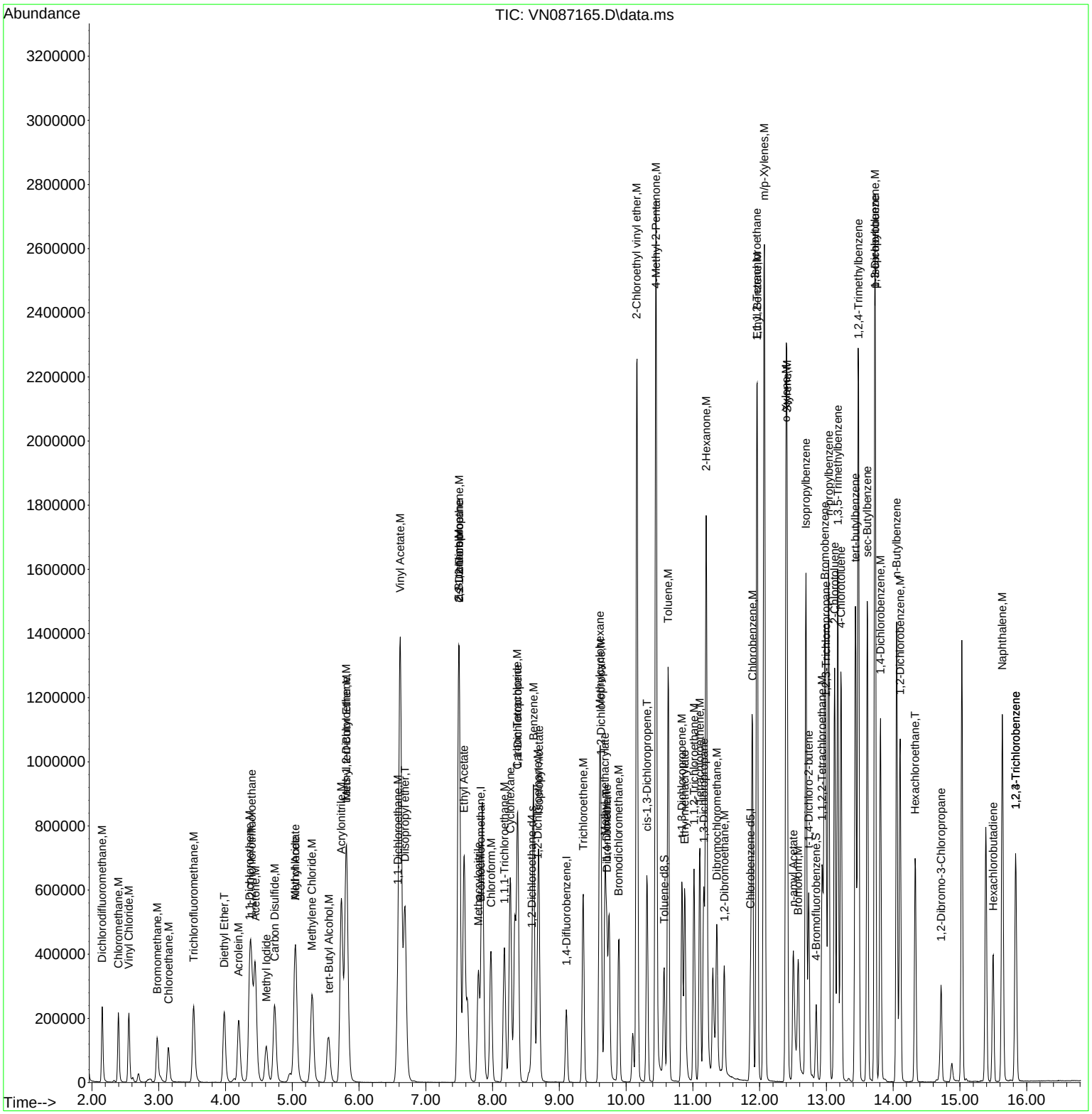
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087165.D
Acq On : 25 Jun 2025 10:03
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

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

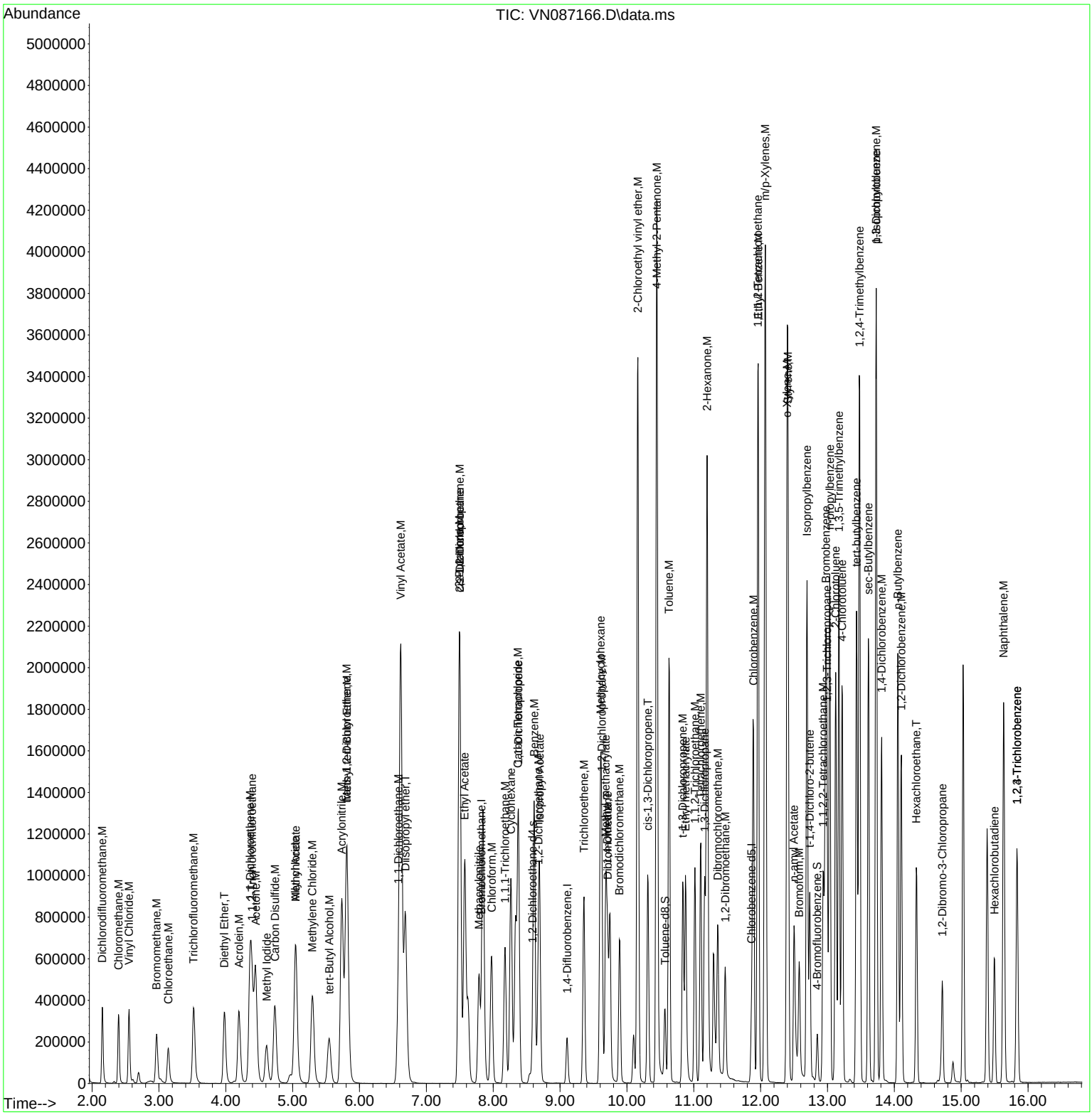
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087166.D
Acq On : 25 Jun 2025 10:24
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

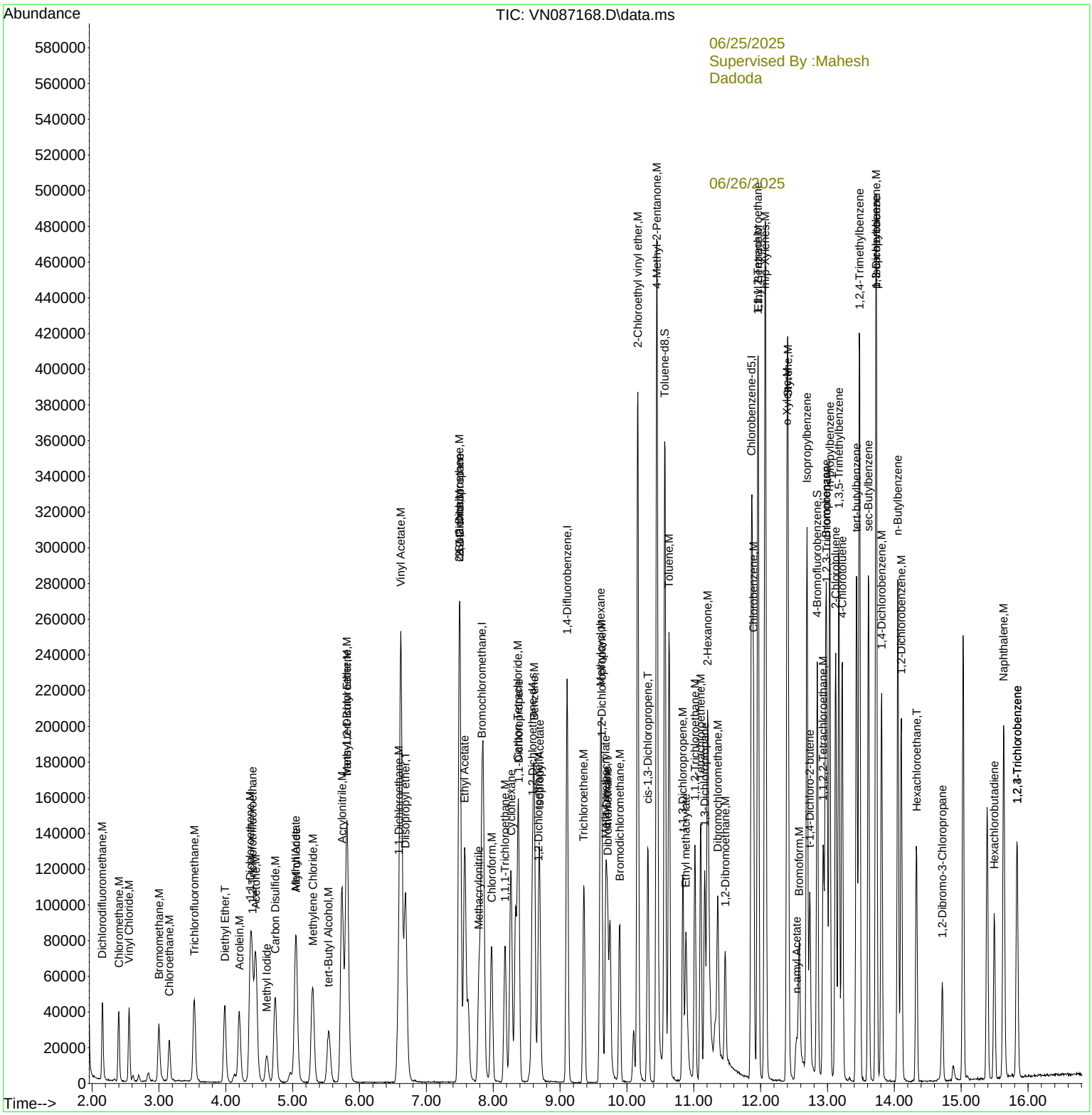
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087168.D
Acq On : 25 Jun 2025 11:08
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TULL01		
Lab Code:	ACE	SDG No.:	Q2669		
Instrument ID:	MSVOA_N	Calibration Date/Time:	07/22/2025	14:03	
Lab File ID:	VN087389.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	1.412	0.5	-4.66	
Toluene	1.694	1.610	0.4	-4.96	
Ethyl Benzene	1.855	1.671	0.1	-9.92	
m/p-Xylenes	0.711	0.676	0.3	-4.92	
o-Xylene	0.678	0.615	0.3	-9.29	
1,2-Dichloroethane-d4	2.260	2.449	0.01	8.36	
Toluene-d8	1.347	1.397	0.01	3.71	
4-Bromofluorobenzene	0.463	0.465	0.2	0.43	

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\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 05:54:10 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 :
VSTDCCC020

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
07/23/2025
Supervised By :Semsettin Yesilyurt
07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	26469	30.000	ug/l		-0.02
28) 1,4-Difluorobenzene	9.082	114	120974	30.000	ug/l		-0.02
57) Chlorobenzene-d5	11.847	117	115930	30.000	ug/l		-0.02
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	64812	32.498	ug/l		-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.333%				
60) 4-Bromofluorobenzene	12.829	95	53881	30.119	ug/l		-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.400%				
63) Toluene-d8	10.547	98	161964	31.116	ug/l		-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.733%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	21817	13.693	ug/l		96
3) Chloromethane	2.389	50	23153	14.227	ug/l		98
4) Vinyl Chloride	2.542	62	26195	14.810	ug/l	#	87
5) Bromomethane	2.983	94	16378	17.448	ug/l		96
6) Chloroethane	3.142	64	23538	24.809	ug/l		99
7) Trichlorofluoromethane	3.512	101	53527	24.672	ug/l		99
8) Diethyl Ether	3.965	74	21456	20.129	ug/l		88
9) 1,1,2-Trichlorotrifluo...	4.365	101	29914	18.598	ug/l	#	83
10) 1,1-Dichloroethene	4.336	96	29135	18.171	ug/l		85
11) Methyl Iodide	4.577	142	13259m	9.230	ug/l		
12) Methyl Acetate	5.018	43	43418	17.263	ug/l	#	86
13) Acrolein	4.177	56	37445	96.893	ug/l		96
14) Acrylonitrile	5.712	53	86837	74.023	ug/l		96
15) Acetone	4.418	58	31368	91.666	ug/l		83
16) Carbon Disulfide	4.706	76	60559	12.918	ug/l		99
17) Allyl chloride	5.012	41	37285	14.099	ug/l		93
18) Methylene Chloride	5.271	84	29941	16.119	ug/l		93
19) trans-1,2-Dichloroethene	5.777	96	26771	15.268	ug/l		88
20) Diisopropyl ether	6.659	45	94779	16.892	ug/l		94
21) 1,1-Dichloroethane	6.553	63	55933	16.679	ug/l		99
22) cis-1,2-Dichloroethene	7.471	96	32124	15.741	ug/l		98
23) tert-Butyl Alcohol	5.518	59	29506m	66.879	ug/l		
24) Methyl tert-Butyl Ether	5.783	73	91721	16.310	ug/l	#	65
25) Chloroform	7.953	83	60528	18.840	ug/l		97
26) Cyclohexane	8.236	56	33237	11.924	ug/l	#	96
29) 1,1-Dichloropropene	8.359	75	33273	17.646	ug/l		96
30) 2-Butanone	7.471	43	128013	100.646	ug/l		96
31) 2,2-Dichloropropane	7.471	77	47011	20.654	ug/l	#	73
32) 1,1,1-Trichloroethane	8.153	97	50600	22.970	ug/l	#	88
33) Carbon Tetrachloride	8.341	117	44660	24.091	ug/l		94
34) Benzene	8.588	78	113915	19.070	ug/l	#	95
35) Methacrylonitrile	7.765	41	27046	21.100	ug/l		87
36) 1,2-Dichloroethane	8.653	62	47245	24.479	ug/l		99
37) Trichloroethene	9.335	130	27114	19.679	ug/l		88
38) Methylcyclohexane	9.582	83	32565	15.052	ug/l		95
39) 1,2-Dichloropropane	9.600	63	31036	20.700	ug/l		94
40) Dibromomethane	9.688	93	24778	24.304	ug/l		94
41) Bromodichloromethane	9.871	83	48397	23.519	ug/l	#	98
42) Vinyl Acetate	6.589	43	384638	92.977	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 05:54:10 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 :
VSTDCCC020

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	50910m	22.173 ug/l	
44) Isopropyl Acetate	8.677	43	76835	20.539 ug/l	100
45) 1,4-Dioxane	9.688	88	8538	337.390 ug/l #	86
46) Methyl methacrylate	9.665	41	35399	20.355 ug/l	96
47) n-amyl Acetate	12.523	43	51196m	22.384 ug/l	
48) t-1,3-Dichloropropene	10.818	75	47433	20.677 ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	48692	19.966 ug/l #	84
50) 1,1,2-Trichloroethane	11.000	97	32365	22.348 ug/l	94
51) Ethyl methacrylate	10.859	69	42695	19.370 ug/l	94
52) 1,3-Dichloropropane	11.141	76	52417	21.083 ug/l	97
53) Dibromochloromethane	11.335	129	36659	24.115 ug/l	99
54) 1,2-Dibromoethane	11.453	107	31508	21.088 ug/l	96
55) 2-Chloroethyl vinyl ether	10.141	63	134170	106.194 ug/l	98
56) Bromoform	12.559	173	24001	22.967 ug/l #	98
58) 4-Methyl-2-Pentanone	10.429	43	265017	113.711 ug/l	94
59) 2-Hexanone	11.182	43	174070	115.665 ug/l	87
61) Tetrachloroethene	11.082	164	23643	20.594 ug/l	96
62) Toluene	10.612	91	124453	19.008 ug/l	99
64) Chlorobenzene	11.871	112	83013	19.876 ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	33054	23.952 ug/l	95
66) Ethyl Benzene	11.947	91	129125	18.017 ug/l	98
67) m/p-Xylenes	12.053	106	104556	38.072 ug/l	100
68) o-Xylene	12.376	106	47506	18.132 ug/l	98
69) Styrene	12.394	104	83290	18.517 ug/l	97
70) Isopropylbenzene	12.676	105	122907	18.835 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	49227	20.959 ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	41005m	20.245 ug/l	
73) Bromobenzene	12.959	156	33306	21.041 ug/l	92
74) n-propylbenzene	13.018	91	157364	19.740 ug/l	100
75) 2-Chlorotoluene	13.106	91	96423	20.021 ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	108489	20.423 ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	14564	16.210 ug/l	96
78) 4-Chlorotoluene	13.200	91	100169	20.307 ug/l	98
79) tert-butylbenzene	13.418	119	88031	19.714 ug/l	98
80) 1,2,4-Trimethylbenzene	13.465	105	110414	20.699 ug/l	97
81) sec-Butylbenzene	13.594	105	131396	20.242 ug/l	99
82) p-Isopropyltoluene	13.706	119	110396	20.437 ug/l	95
83) 1,3-Dichlorobenzene	13.712	146	66565	21.838 ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	66085	21.542 ug/l	97
85) n-Butylbenzene	14.035	91	99667	20.222 ug/l	97
86) Hexachloroethane	14.306	117	23561	23.042 ug/l	95
87) 1,2-Dichlorobenzene	14.088	146	63275	22.016 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	10346	19.562 ug/l	97
89) 1,2,4-Trichlorobenzene	15.817	180	34895	21.460 ug/l	96
90) Hexachlorobutadiene	15.470	225	16396	33.980 ug/l	96
91) Naphthalene	15.617	128	111265	17.387 ug/l	98
92) 1,2,3-Trichlorobenzene	15.817	180	34895	21.460 ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

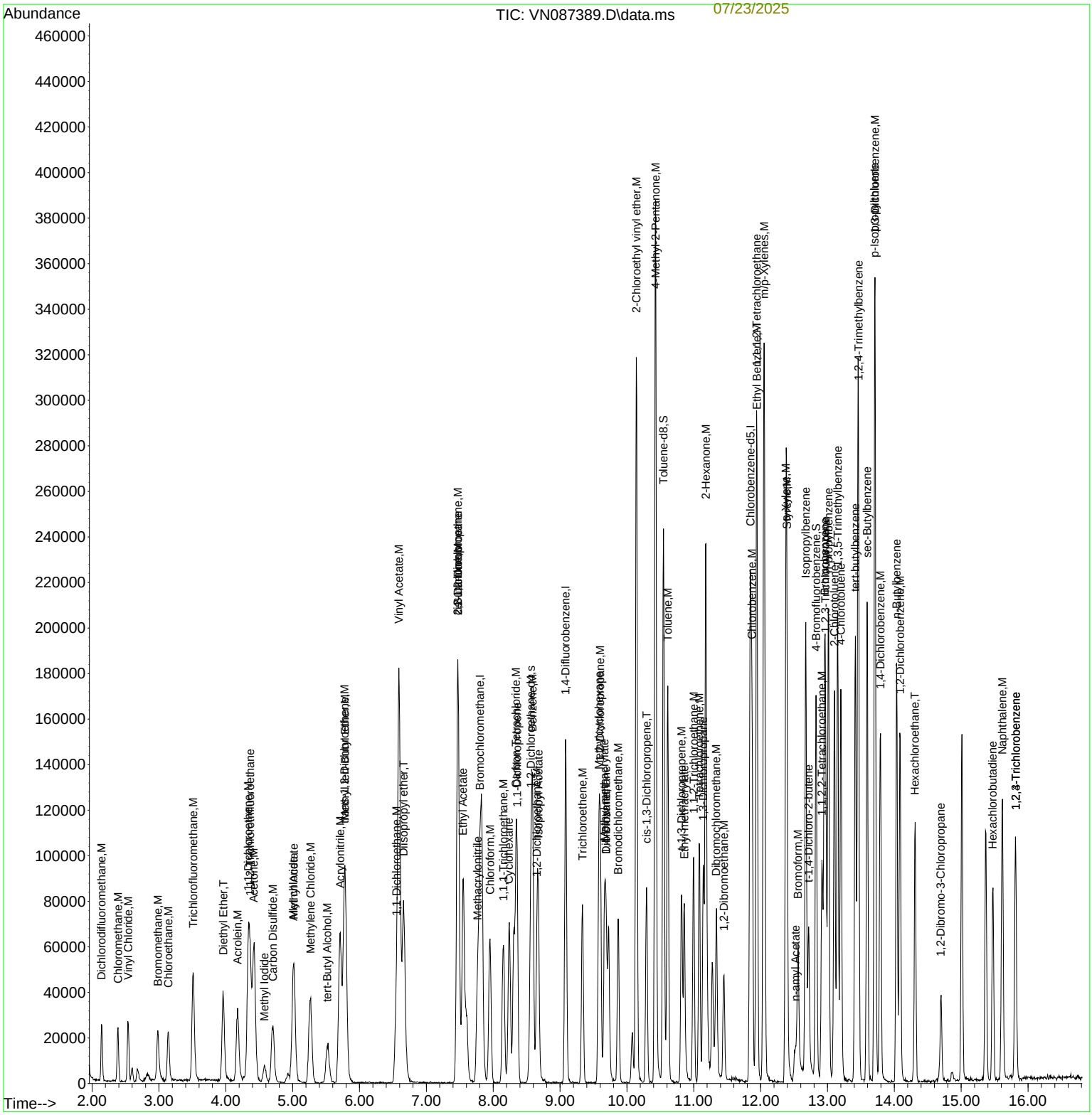
Quant Time: Jul 23 05:54:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
07/23/2025

Supervised By :Semsettin Yesilyurt
07/23/2025



Sample Results: **VN087389.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 23 05:54:10 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

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	76	-0.02
2	M	Dichlorodifluoromethane	1.806	1.236	31.6#	57	-0.01
3	M	Chloromethane	1.844	1.312	28.9#	64	0.00
4	M	Vinyl Chloride	2.005	1.484	26.0#	62	-0.01
5	M	Bromomethane	1.064	0.928	12.8	73	-0.02
6	M	Chloroethane	1.075	1.334	-24.1	104	-0.01
7	M	Trichlorofluoromethane	2.459	3.033	-23.3	99	-0.02
8	T	Diethyl Ether	1.208	1.216	-0.7	86	-0.02
9		1,1,2-Trichlorotrifluoroeth	1.823	1.695	7.0	76	-0.04
10	M	1,1-Dichloroethene	1.817	1.651	9.1	74	-0.04
11		Methyl Iodide	1.628	0.751	53.9#	44#	-0.04
12		Methyl Acetate	2.851	2.461	13.7	71	-0.03
13	M	Acrolein	0.438	0.424	3.2	89	-0.03
14	M	Acrylonitrile	1.330	0.984	26.0#	61	-0.02
15	M	Acetone	0.388	0.356	8.2	73	-0.04
16	M	Carbon Disulfide	5.313	3.432	35.4#	54	-0.03
17		Allyl chloride	2.997	2.113	29.5#	58	-0.03
18	M	Methylene Chloride	2.105	1.697	19.4	66	-0.03
19	M	trans-1,2-Dichloroethene	1.987	1.517	23.7	63	-0.03
20	T	Diisopropyl ether	6.359	5.371	15.5	67	-0.03
21	M	1,1-Dichloroethane	3.801	3.170	16.6	67	-0.03
22	M	cis-1,2-Dichloroethene	2.313	1.820	21.3	66	-0.02
23	M	tert-Butyl Alcohol	0.500	0.334	33.2#	56	-0.02
24	M	Methyl tert-Butyl Ether	6.374	5.198	18.4	69	-0.03
25	M	Chloroform	3.641	3.430	5.8	78	-0.02
26		Cyclohexane	3.159	1.884	40.4#	50	-0.03
27	s	1,2-Dichloroethane-d4	2.260	2.449	-8.4	80	-0.02
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	62	-0.02
29		1,1-Dichloropropene	0.468	0.413	11.8	64	-0.02
30	M	2-Butanone	0.315	0.317	-0.6	69	-0.02
31		2,2-Dichloropropane	0.564	0.583	-3.4	69	-0.03
32	M	1,1,1-Trichloroethane	0.546	0.627	-14.8	78	-0.02
33	M	Carbon Tetrachloride	0.460	0.554	-20.4	86	-0.03
34	M	Benzene	1.481	1.412	4.7	67	-0.02
35		Methacrylonitrile	0.318	0.335	-5.3	73	-0.02
36	M	1,2-Dichloroethane	0.479	0.586	-22.3	82	-0.02
37	M	Trichloroethene	0.342	0.336	1.8	70	-0.02
38		Methylcyclohexane	0.537	0.404	24.8	53	-0.02
39	M	1,2-Dichloropropane	0.372	0.385	-3.5	68	-0.02
40		Dibromomethane	0.253	0.307	-21.3	81	-0.02
41	M	Bromodichloromethane	0.510	0.600	-17.6	77	-0.02
42	M	Vinyl Acetate	1.026	0.954	7.0	62	-0.03
43		Ethyl Acetate	0.569	0.631	-10.9	69	-0.02
44		Isopropyl Acetate	0.928	0.953	-2.7	70	-0.02
45	T	1,4-Dioxane	0.006	0.005	16.7	57	-0.01
46		Methyl methacrylate	0.431	0.439	-1.9	68	-0.02
47		n-amyl Acetate	0.567	0.635	-12.0	77	0.00
48	M	t-1,3-Dichloropropene	0.569	0.588	-3.3	71	-0.02

Sample Results: **VN087389.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 23 05:54:10 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

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	0.604	0.2	66	-0.02
50	M	1,1,2-Trichloroethane	0.359	0.401	-11.7	74	-0.02
51		Ethyl methacrylate	0.547	0.529	3.3	70	-0.02
52		1,3-Dichloropropane	0.617	0.650	-5.3	70	-0.02
53	M	Dibromochloromethane	0.377	0.455	-20.7	82	-0.02
54	M	1,2-Dibromoethane	0.371	0.391	-5.4	70	-0.02
55	M	2-Chloroethyl vinyl ether	0.313	0.333	-6.4	71	-0.02
56	M	Bromoform	0.259	0.298	-15.1	79	-0.02
57	I	Chlorobenzene-d5	1.000	1.000	0.0	62	-0.02
58	M	4-Methyl-2-Pentanone	0.603	0.686	-13.8	78	-0.02
59	M	2-Hexanone	0.389	0.450	-15.7	87	-0.02
60	S	4-Bromofluorobenzene	0.463	0.465	-0.4	65	-0.02
61	M	Tetrachloroethene	0.297	0.306	-3.0	71	-0.02
62	M	Toluene	1.694	1.610	5.0	65	-0.02
63	S	Toluene-d8	1.347	1.397	-3.7	62	-0.02
64	M	Chlorobenzene	1.081	1.074	0.6	68	-0.02
65		1,1,1,2-Tetrachloroethane	0.357	0.428	-19.9	82	-0.02
66	M	Ethyl Benzene	1.855	1.671	9.9	63	-0.02
67	M	m/p-Xylenes	0.711	0.676	4.9	66	-0.02
68	M	o-Xylene	0.678	0.615	9.3	64	-0.02
69	M	Styrene	1.164	1.078	7.4	65	-0.02
70		Isopropylbenzene	1.689	1.590	5.9	67	-0.02
71	M	1,1,2,2-Tetrachloroethane	0.608	0.637	-4.8	70	-0.02
72		1,2,3-Trichloropropane	0.524	0.531	-1.3	71	-0.02
73		Bromobenzene	0.410	0.431	-5.1	75	-0.02
74		n-propylbenzene	2.063	2.036	1.3	70	-0.02
75		2-Chlorotoluene	1.246	1.248	-0.2	72	-0.02
76		1,3,5-Trimethylbenzene	1.375	1.404	-2.1	74	-0.02
77		t-1,4-Dichloro-2-butene	0.232	0.188	19.0	60	-0.02
78		4-Chlorotoluene	1.276	1.296	-1.6	73	-0.02
79		tert-butylbenzene	1.156	1.139	1.5	72	-0.02
80		1,2,4-Trimethylbenzene	1.380	1.429	-3.6	76	-0.02
81		sec-Butylbenzene	1.680	1.700	-1.2	72	-0.02
82		p-Isopropyltoluene	1.398	1.428	-2.1	70	-0.02
83	M	1,3-Dichlorobenzene	0.789	0.861	-9.1	75	-0.02
84	M	1,4-Dichlorobenzene	0.794	0.855	-7.7	75	-0.02
85		n-Butylbenzene	1.275	1.290	-1.2	70	-0.02
86	T	Hexachloroethane	0.265	0.305	-15.1	84	-0.02
87	M	1,2-Dichlorobenzene	0.744	0.819	-10.1	76	-0.02
88		1,2-Dibromo-3-Chloropropane	0.137	0.134	2.2	68	-0.02
89		1,2,4-Trichlorobenzene	0.421	0.452	-7.4	74	-0.02
90		Hexachlorobutadiene	0.125	0.212	-69.6#	118	-0.02
91	M	Naphthalene	1.656	1.440	13.0	62	-0.02
92		1,2,3-Trichlorobenzene	0.421	0.452	-7.4	74	-0.02

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

Sample Results: **VN087389.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 23 05:54:10 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

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	76	-0.02
2	M	Dichlorodifluoromethane	20.000	13.693	31.5#	57	-0.01
3	M	Chloromethane	20.000	14.227	28.9#	64	0.00
4	M	Vinyl Chloride	20.000	14.810	25.9#	62	-0.01
5	M	Bromomethane	20.000	17.448	12.8	73	-0.02
6	M	Chloroethane	20.000	24.809	-24.0	104	-0.01
7	M	Trichlorofluoromethane	20.000	24.672	-23.4	99	-0.02
8	T	Diethyl Ether	20.000	20.129	-0.6	86	-0.02
9		1,1,2-Trichlorotrifluoroeth	20.000	18.598	7.0	76	-0.04
10	M	1,1-Dichloroethene	20.000	18.171	9.1	74	-0.04
11		Methyl Iodide	20.000	9.230	53.8#	44	-0.04
12		Methyl Acetate	20.000	17.263	13.7	71	-0.03
13	M	Acrolein	100.000	96.893	3.1	89	-0.03
14	M	Acrylonitrile	100.000	74.023	26.0#	61	-0.02
15	M	Acetone	100.000	91.666	8.3	73	-0.04
16	M	Carbon Disulfide	20.000	12.918	35.4#	54	-0.03
17		Allyl chloride	20.000	14.099	29.5#	58	-0.03
18	M	Methylene Chloride	20.000	16.119	19.4	66	-0.03
19	M	trans-1,2-Dichloroethene	20.000	15.268	23.7	63	-0.03
20	T	Diisopropyl ether	20.000	16.892	15.5	67	-0.03
21	M	1,1-Dichloroethane	20.000	16.679	16.6	67	-0.03
22	M	cis-1,2-Dichloroethene	20.000	15.741	21.3	66	-0.02
23	M	tert-Butyl Alcohol	100.000	66.879	33.1#	56	-0.02
24	M	Methyl tert-Butyl Ether	20.000	16.310	18.5	69	-0.03
25	M	Chloroform	20.000	18.840	5.8	78	-0.02
26		Cyclohexane	20.000	11.924	40.4#	50	-0.03
27	s	1,2-Dichloroethane-d4	30.000	32.498	-8.3	80	-0.02
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	62	-0.02
29		1,1-Dichloropropene	20.000	17.646	11.8	64	-0.02
30	M	2-Butanone	100.000	100.646	-0.6	69	-0.02
31		2,2-Dichloropropane	20.000	20.654	-3.3	69	-0.03
32	M	1,1,1-Trichloroethane	20.000	22.970	-14.8	78	-0.02
33	M	Carbon Tetrachloride	20.000	24.091	-20.5	86	-0.03
34	M	Benzene	20.000	19.070	4.6	67	-0.02
35		Methacrylonitrile	20.000	21.100	-5.5	73	-0.02
36	M	1,2-Dichloroethane	20.000	24.479	-22.4	82	-0.02
37	M	Trichloroethene	20.000	19.679	1.6	70	-0.02
38		Methylcyclohexane	20.000	15.052	24.7	53	-0.02
39	M	1,2-Dichloropropane	20.000	20.700	-3.5	68	-0.02
40		Dibromomethane	20.000	24.304	-21.5	81	-0.02
41	M	Bromodichloromethane	20.000	23.519	-17.6	77	-0.02
42	M	Vinyl Acetate	100.000	92.977	7.0	62	-0.03
43		Ethyl Acetate	20.000	22.173	-10.9	69	-0.02
44		Isopropyl Acetate	20.000	20.539	-2.7	70	-0.02
45	T	1,4-Dioxane	400.000	337.390	15.7	57	-0.01
46		Methyl methacrylate	20.000	20.355	-1.8	68	-0.02
47		n-amyl Acetate	20.000	22.384	-11.9	77	0.00
48	M	t-1,3-Dichloropropene	20.000	20.677	-3.4	71	-0.02

Sample Results: **VN087389.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087389.D
Acq On : 22 Jul 2025 14:03
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 23 05:54:10 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

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	19.966	0.2	66	-0.02
50	M	1,1,2-Trichloroethane	20.000	22.348	-11.7	74	-0.02
51		Ethyl methacrylate	20.000	19.370	3.1	70	-0.02
52		1,3-Dichloropropane	20.000	21.083	-5.4	70	-0.02
53	M	Dibromochloromethane	20.000	24.115	-20.6	82	-0.02
54	M	1,2-Dibromoethane	20.000	21.088	-5.4	70	-0.02
55	M	2-Chloroethyl vinyl ether	100.000	106.194	-6.2	71	-0.02
56	M	Bromoform	20.000	22.967	-14.8	79	-0.02
57	I	Chlorobenzene-d5	30.000	30.000	0.0	62	-0.02
58	M	4-Methyl-2-Pentanone	100.000	113.711	-13.7	78	-0.02
59	M	2-Hexanone	100.000	115.665	-15.7	87	-0.02
60	S	4-Bromofluorobenzene	30.000	30.119	-0.4	65	-0.02
61	M	Tetrachloroethene	20.000	20.594	-3.0	71	-0.02
62	M	Toluene	20.000	19.008	5.0	65	-0.02
63	S	Toluene-d8	30.000	31.116	-3.7	62	-0.02
64	M	Chlorobenzene	20.000	19.876	0.6	68	-0.02
65		1,1,1,2-Tetrachloroethane	20.000	23.952	-19.8	82	-0.02
66	M	Ethyl Benzene	20.000	18.017	9.9	63	-0.02
67	M	m/p-Xylenes	40.000	38.072	4.8	66	-0.02
68	M	o-Xylene	20.000	18.132	9.3	64	-0.02
69	M	Styrene	20.000	18.517	7.4	65	-0.02
70		Isopropylbenzene	20.000	18.835	5.8	67	-0.02
71	M	1,1,2,2-Tetrachloroethane	20.000	20.959	-4.8	70	-0.02
72		1,2,3-Trichloropropane	20.000	20.245	-1.2	71	-0.02
73		Bromobenzene	20.000	21.041	-5.2	75	-0.02
74		n-propylbenzene	20.000	19.740	1.3	70	-0.02
75		2-Chlorotoluene	20.000	20.021	-0.1	72	-0.02
76		1,3,5-Trimethylbenzene	20.000	20.423	-2.1	74	-0.02
77		t-1,4-Dichloro-2-butene	20.000	16.210	18.9	60	-0.02
78		4-Chlorotoluene	20.000	20.307	-1.5	73	-0.02
79		tert-butylbenzene	20.000	19.714	1.4	72	-0.02
80		1,2,4-Trimethylbenzene	20.000	20.699	-3.5	76	-0.02
81		sec-Butylbenzene	20.000	20.242	-1.2	72	-0.02
82		p-Isopropyltoluene	20.000	20.437	-2.2	70	-0.02
83	M	1,3-Dichlorobenzene	20.000	21.838	-9.2	75	-0.02
84	M	1,4-Dichlorobenzene	20.000	21.542	-7.7	75	-0.02
85		n-Butylbenzene	20.000	20.222	-1.1	70	-0.02
86	T	Hexachloroethane	20.000	23.042	-15.2	84	-0.02
87	M	1,2-Dichlorobenzene	20.000	22.016	-10.1	76	-0.02
88		1,2-Dibromo-3-Chloropropane	20.000	19.562	2.2	68	-0.02
89		1,2,4-Trichlorobenzene	20.000	21.460	-7.3	74	-0.02
90		Hexachlorobutadiene	20.000	33.980	-69.9#	118	-0.02
91	M	Naphthalene	20.000	17.387	13.1	62	-0.02
92		1,2,3-Trichlorobenzene	20.000	21.460	-7.3	74	-0.02

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

QC SAMPLE DATA

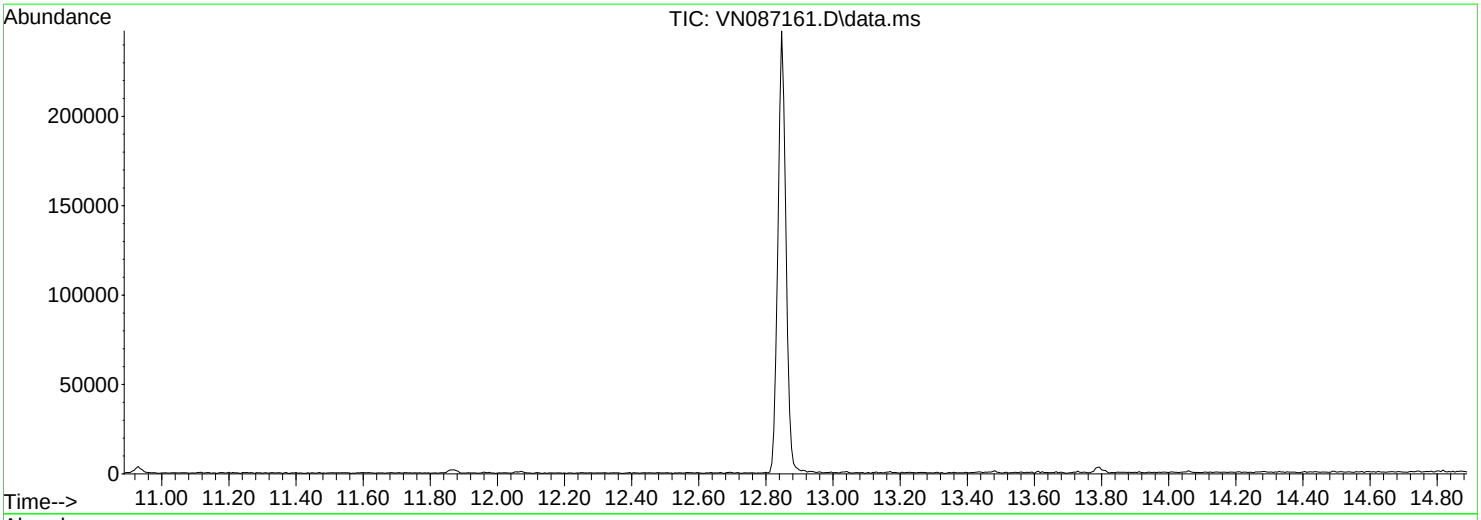
Sample Results: **VN087161.D**

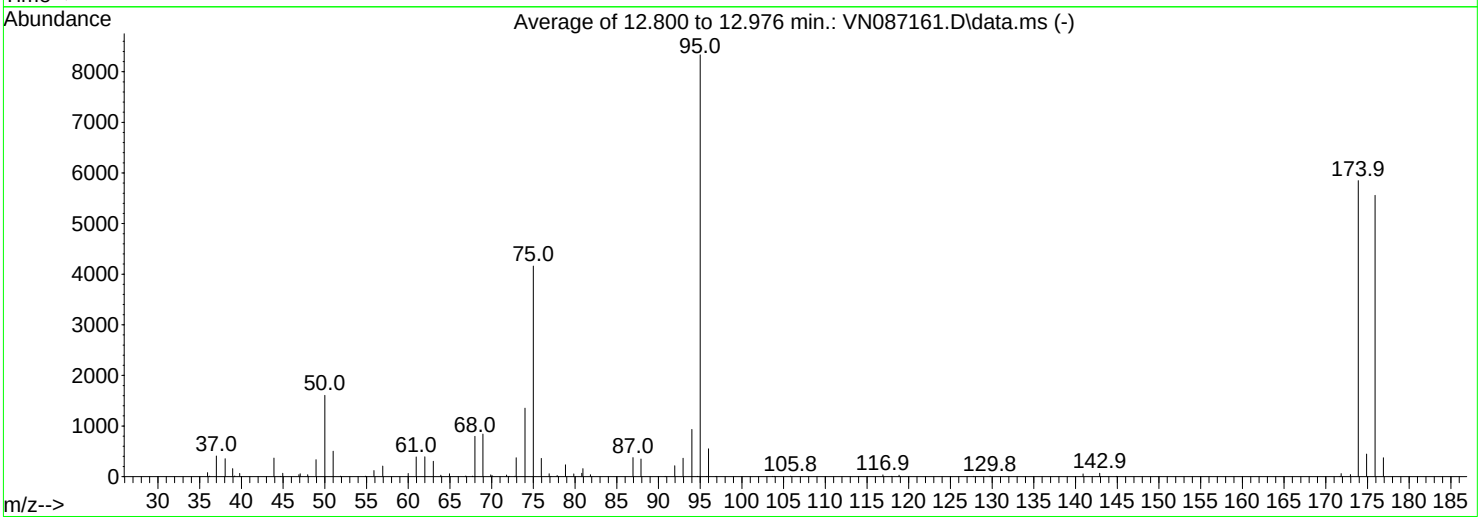
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087161.D
Acq On : 25 Jun 2025 08:25
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Title : SW846 8260
Last Update : Wed Jul 09 04:25:34 2025





AutoFind: Averaged scan 1844 to 1874; Bkg corrected with scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	1607	PASS
75	95	30	60	49.9	4160	PASS
95	95	100	100	100.0	8333	PASS
96	95	5	9	6.6	550	PASS
173	174	0.00	2	0.7	41	PASS
174	95	50	100	70.2	5847	PASS
175	174	5	9	7.6	447	PASS
176	174	95	101	95.0	5556	PASS
177	176	5	9	6.7	373	PASS

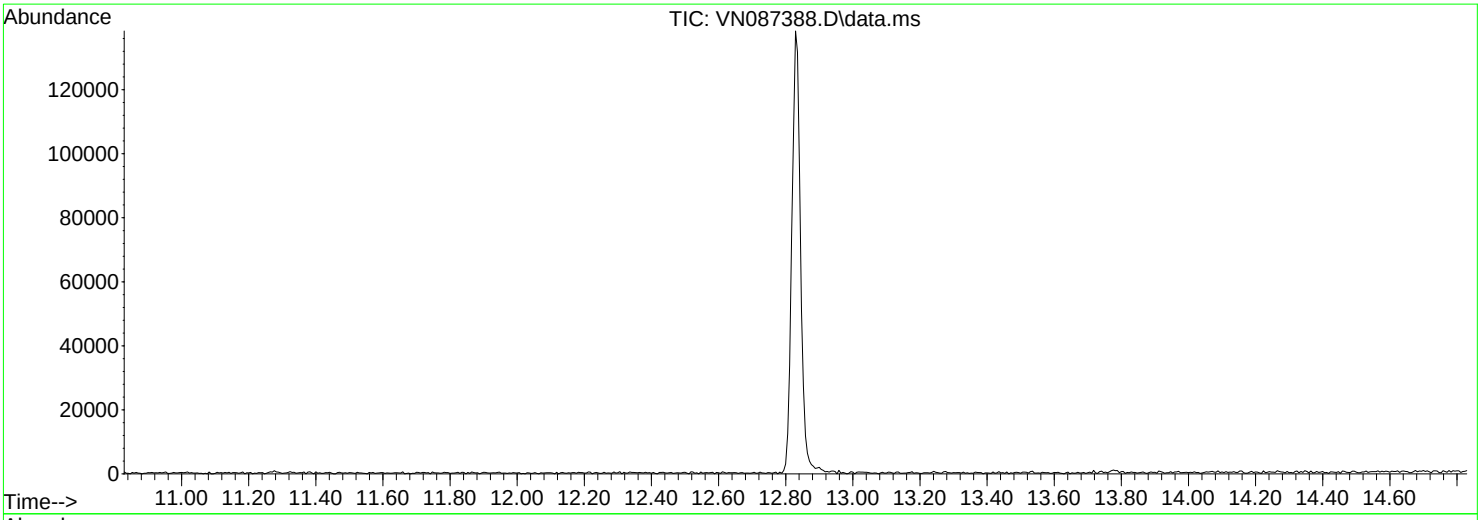
Sample Results: **VN087388.D**

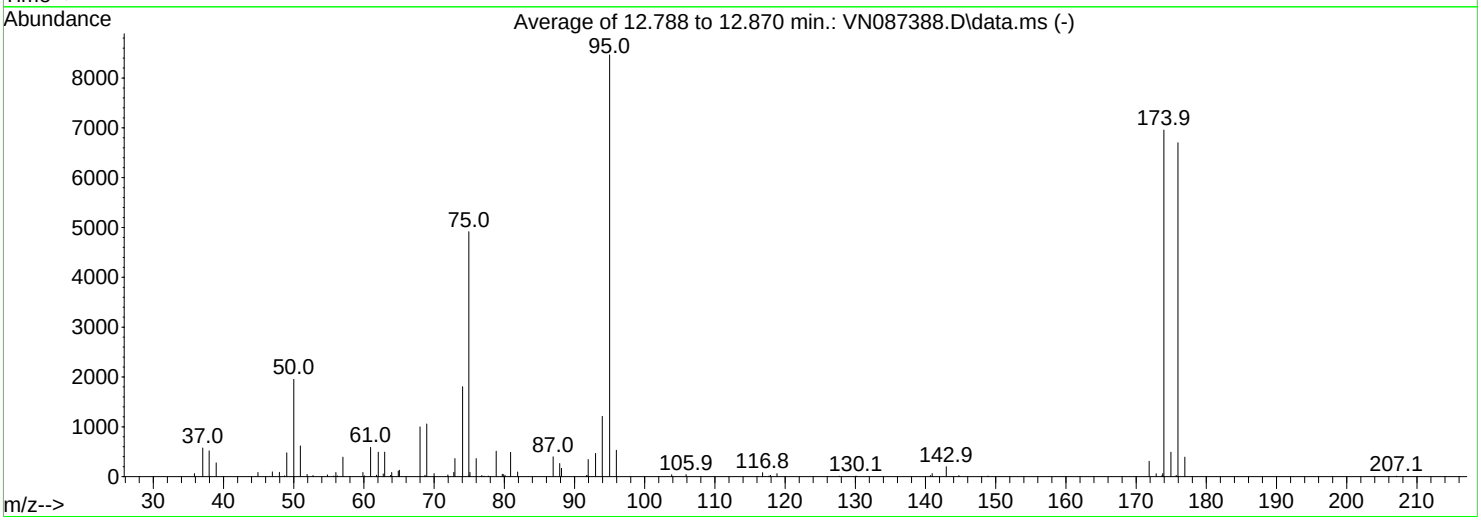
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087388.D
Acq On : 22 Jul 2025 13:29
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

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: Averaged scan 1842 to 1856; Bkg corrected with scan 1841

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	1953	PASS
75	95	30	60	58.1	4917	PASS
95	95	100	100	100.0	8465	PASS
96	95	5	9	6.2	529	PASS
173	174	0.00	2	0.8	58	PASS
174	95	50	100	82.2	6954	PASS
175	174	5	9	7.0	490	PASS
176	174	95	101	96.4	6702	PASS
177	176	5	9	5.8	391	PASS

Raw Data: **VN087392.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:	VN0722WBL01		SDG No.:	Q2669	
Lab Sample ID:	VN0722WBL01		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:	Date Analyzed	Prep Batch ID
VN087392.D	1	07/22/25 16:12	VN072225

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	31.7		91 - 110	106%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.2		63 - 112	91%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	27600	7.794			
540-36-3	1,4-Difluorobenzene	129000	9.088			
3114-55-4	Chlorobenzene-d5	110000	11.847			

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\VN072225\
Data File : VN087392.D
Acq On : 22 Jul 2025 16:12
Operator : JC\MD
Sample : VN0722WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Quant Time: Jul 23 05:56:56 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

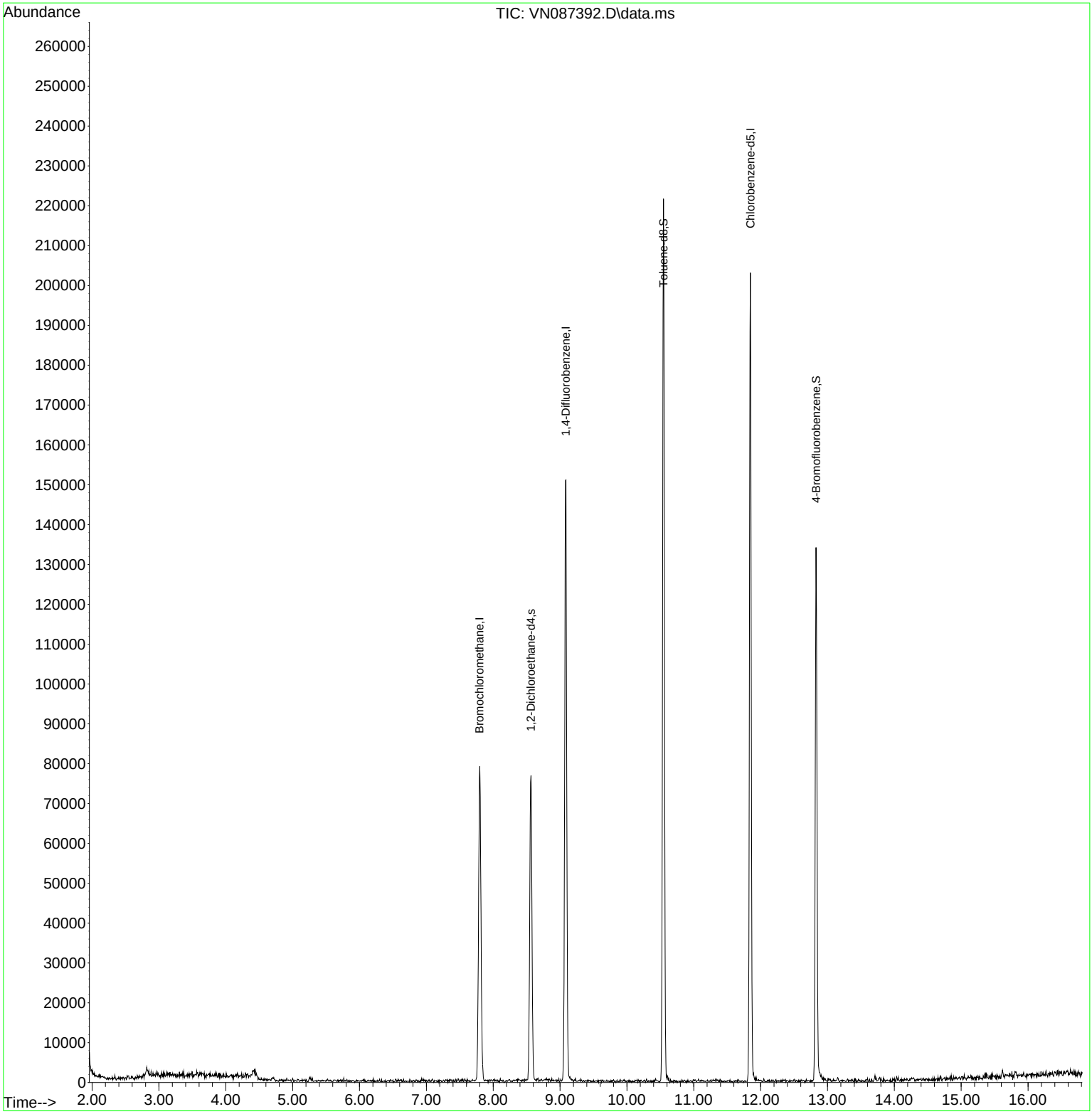
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	27646	30.000	ug/l	-0.03
28) 1,4-Difluorobenzene	9.088	114	129340	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	109767	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	65963	31.667	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.567%			
60) 4-Bromofluorobenzene	12.829	95	46084	27.207	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.700%			
63) Toluene-d8	10.547	98	149028	30.238	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.800%			
Target Compounds						Qvalue

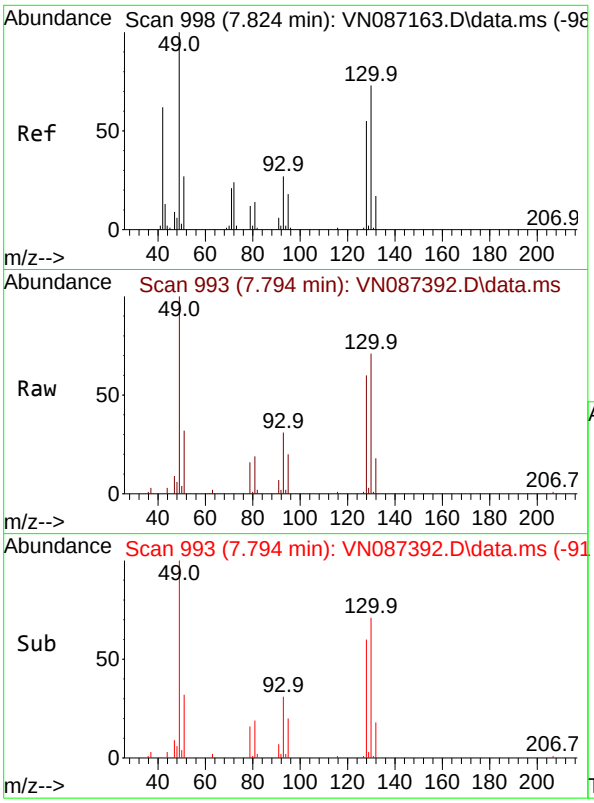
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087392.D
Acq On : 22 Jul 2025 16:12
Operator : JC\MD
Sample : VN0722WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Quant Time: Jul 23 05:56:56 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



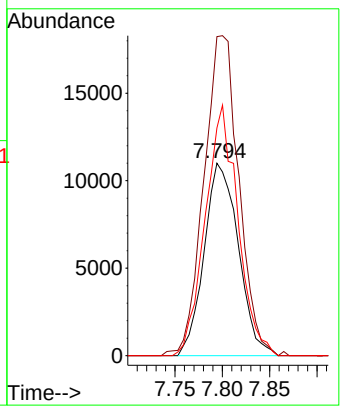


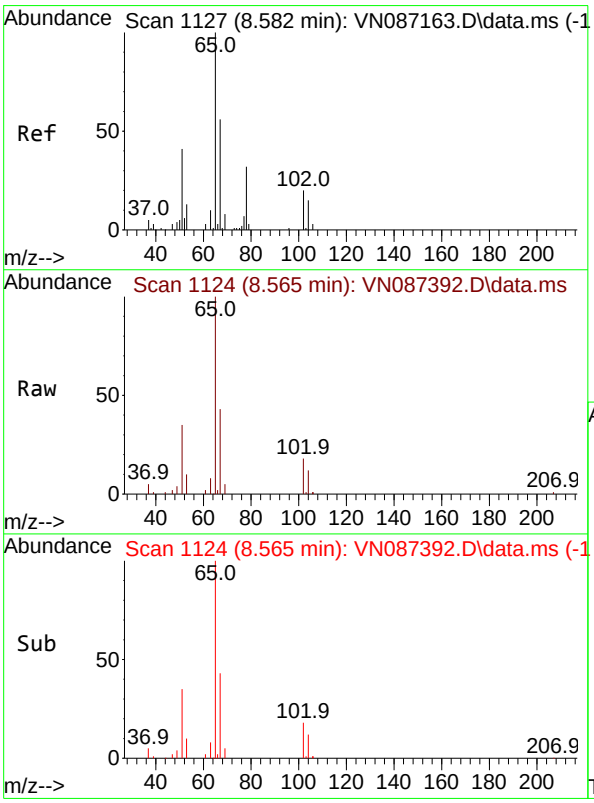
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. -0.030 min
Lab File: VN087392.D
Acq: 22 Jul 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Tgt Ion:128 Resp: 27646

Ion	Ratio	Lower	Upper
128	100		
49	169.1	0.0	450.5
130	124.1	0.0	320.7

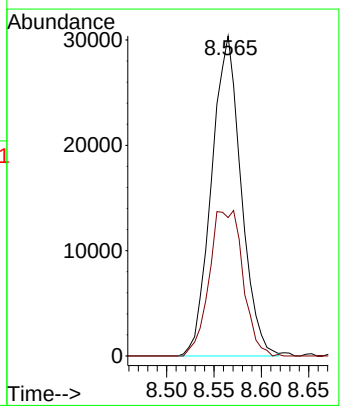


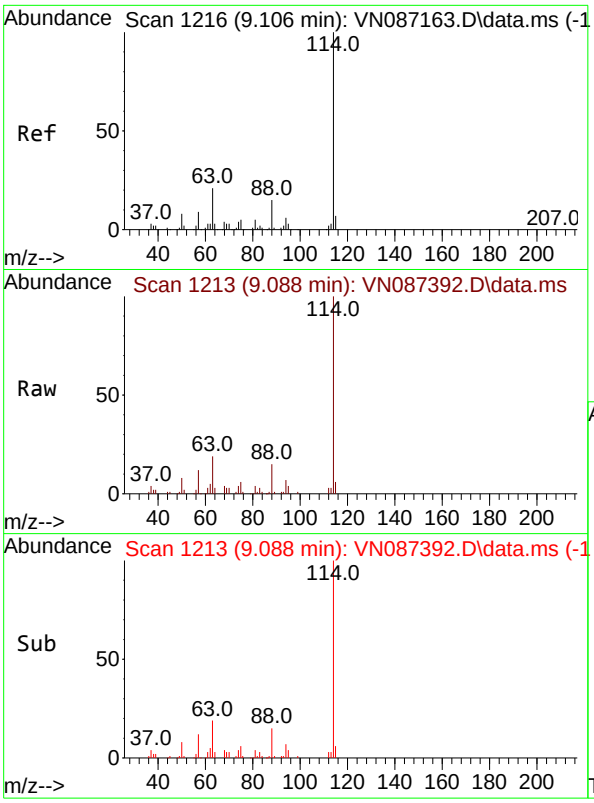


#27
1,2-Dichloroethane-d4
Concen: 31.667 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.018 min
Lab File: VN087392.D
Acq: 22 Jul 2025 16:12

Tgt Ion: 65 Resp: 65963

Ion	Ratio	Lower	Upper
65	100		
67	31.6	41.9	62.9#



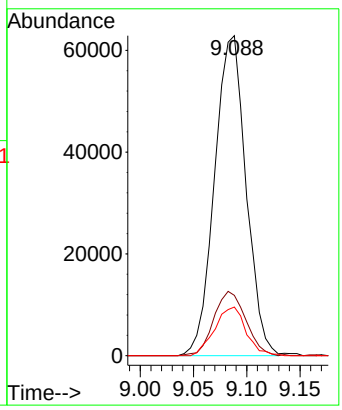


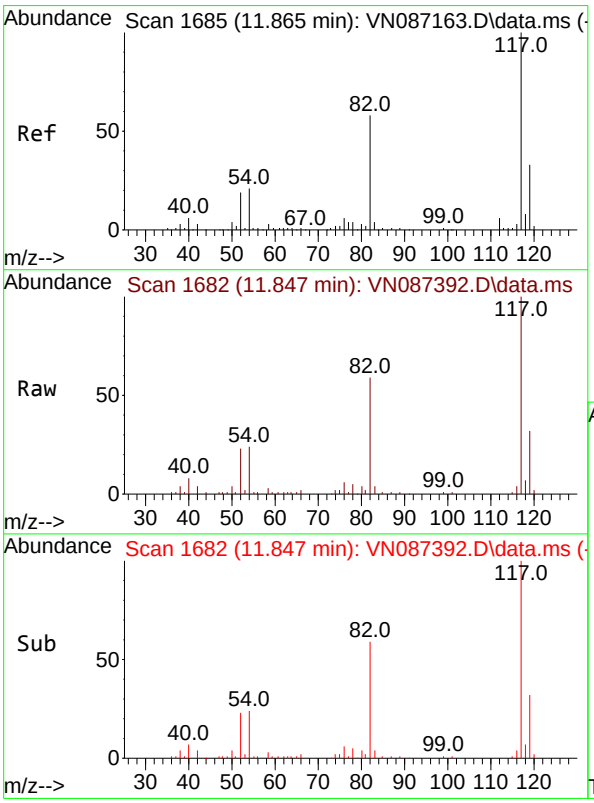
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087392.D
Acq: 22 Jul 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Tgt Ion:114 Resp: 129340

Ion	Ratio	Lower	Upper
114	100		
63	20.4	17.0	25.4
88	15.1	12.6	19.0

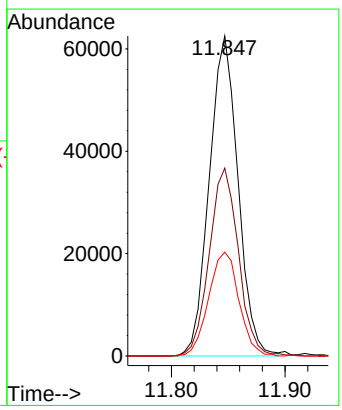


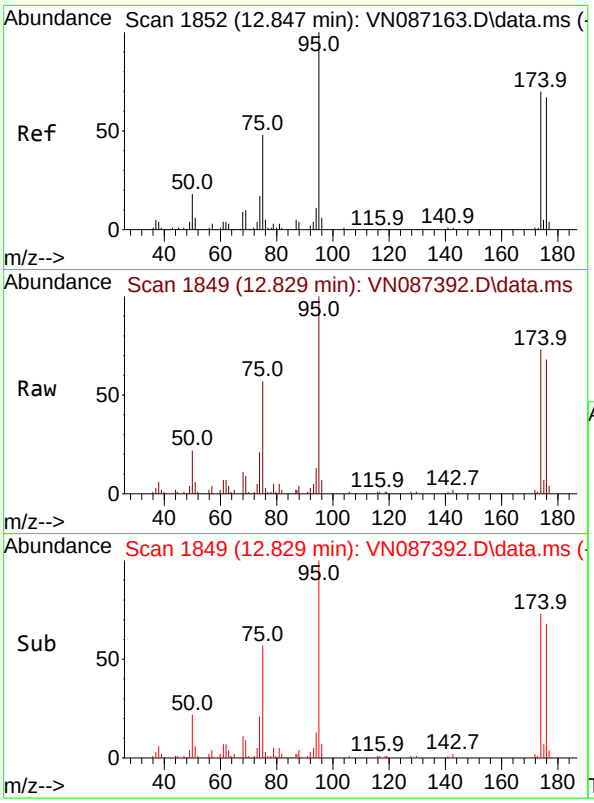


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087392.D
Acq: 22 Jul 2025 16:12

Tgt Ion:117 Resp: 109767

Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.4	68.2
119	34.3	26.2	39.4



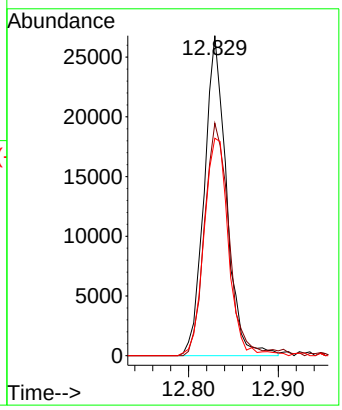


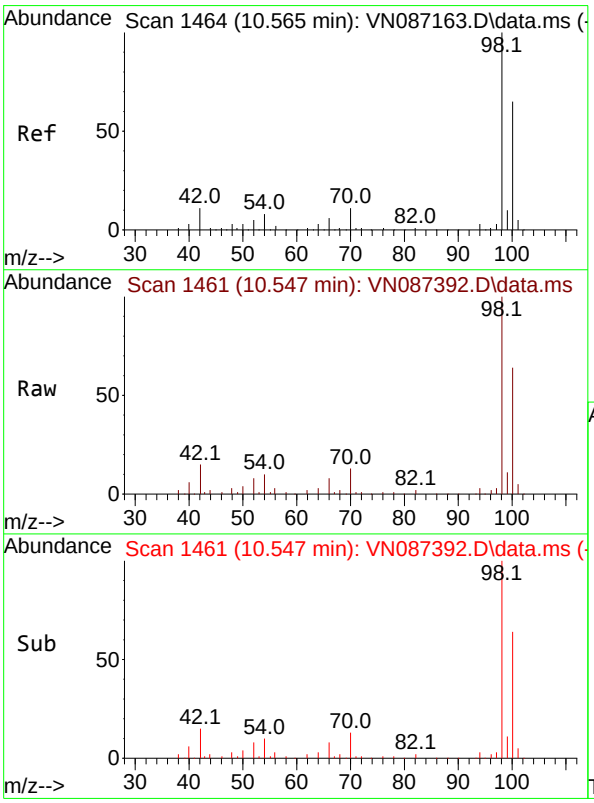
#60
4-Bromofluorobenzene
Concen: 27.207 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN087392.D
Acq: 22 Jul 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Tgt Ion: 95 Resp: 46084

Ion	Ratio	Lower	Upper
95	100		
174	78.7	54.5	81.7
176	73.6	51.9	77.9

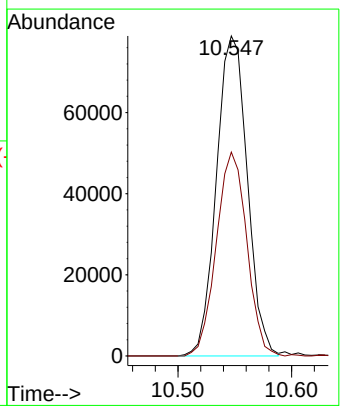




#63
Toluene-d8
Concen: 30.238 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087392.D
Acq: 22 Jul 2025 16:12

Tgt Ion: 98 Resp: 149028

Ion	Ratio	Lower	Upper
98	100		
100	62.7	52.5	78.7



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:	VN0722WBS01	SDG No.:	Q2669
Lab Sample ID:	VN0722WBS01	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:	Date Analyzed	Prep Batch ID
VN087390.D	1	07/22/25 15:14	VN072225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	18.0		0.45	5.00	ug/L
108-88-3	Toluene	18.5		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	17.6		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	36.6		1.30	10.0	ug/L
95-47-6	o-Xylene	18.4		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	33.2	*	91 - 110	111%	SPK: 30
2037-26-5	Toluene-d8	30.4		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.6		63 - 112	102%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	28000	7.794			
540-36-3	1,4-Difluorobenzene	135000	9.082			
3114-55-4	Chlorobenzene-d5	126000	11.847			

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\VN072225\
Data File : VN087390.D
Acq On : 22 Jul 2025 15:14
Operator : JC\MD
Sample : VN0722WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 23 07:21:33 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 :
VN0722WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.794	128	27991	30.000	ug/l		-0.03
28) 1,4-Difluorobenzene	9.082	114	135487	30.000	ug/l		-0.02
57) Chlorobenzene-d5	11.847	117	126406	30.000	ug/l		-0.02
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	70001	33.192	ug/l		-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.633%#				
60) 4-Bromofluorobenzene	12.829	95	59701	30.607	ug/l		-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.033%				
63) Toluene-d8	10.547	98	172491	30.392	ug/l		-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	24648	14.628	ug/l		92
3) Chloromethane	2.389	50	24767	14.391	ug/l		93
4) Vinyl Chloride	2.542	62	28764	15.378	ug/l		95
5) Bromomethane	2.983	94	18617	18.755	ug/l		96
6) Chloroethane	3.136	64	24019	23.939	ug/l		92
7) Trichlorofluoromethane	3.512	101	56035	24.424	ug/l		97
8) Diethyl Ether	3.953	74	22021	19.536	ug/l		87
9) 1,1,2-Trichlorotrifluo...	4.365	101	30241	17.779	ug/l	#	83
10) 1,1-Dichloroethene	4.342	96	28865	17.024	ug/l		88
11) Methyl Iodide	4.589	142	18821m	12.390	ug/l		
12) Methyl Acetate	5.012	43	47152	17.729	ug/l		94
13) Acrolein	4.177	56	41080	100.519	ug/l		94
14) Acrylonitrile	5.706	53	94964	76.549	ug/l	#	66
15) Acetone	4.424	58	39702	109.712	ug/l		83
16) Carbon Disulfide	4.700	76	62197	12.546	ug/l		99
17) Allyl chloride	5.012	41	39367	14.076	ug/l		88
18) Methylene Chloride	5.265	84	31460	16.016	ug/l		97
19) trans-1,2-Dichloroethene	5.777	96	27959m	15.078	ug/l		
20) Diisopropyl ether	6.659	45	103075	17.372	ug/l		96
21) 1,1-Dichloroethane	6.559	63	58512m	16.500	ug/l		
22) cis-1,2-Dichloroethene	7.471	96	34291	15.890	ug/l		95
23) tert-Butyl Alcohol	5.518	59	33273	71.317	ug/l	#	100
24) Methyl tert-Butyl Ether	5.783	73	100294	16.865	ug/l		97
25) Chloroform	7.953	83	64226	18.904	ug/l		98
26) Cyclohexane	8.241	56	36932	12.529	ug/l	#	97
29) 1,1-Dichloropropene	8.353	75	37380	17.701	ug/l		98
30) 2-Butanone	7.477	43	141971	99.664	ug/l		97
31) 2,2-Dichloropropane	7.471	77	53817m	21.112	ug/l		
32) 1,1,1-Trichloroethane	8.147	97	52553	21.302	ug/l		97
33) Carbon Tetrachloride	8.347	117	45305	21.821	ug/l		96
34) Benzene	8.588	78	120718	18.044	ug/l		95
35) Methacrylonitrile	7.771	41	28542	19.882	ug/l		89
36) 1,2-Dichloroethane	8.653	62	51297	23.732	ug/l		97
37) Trichloroethene	9.335	130	27813	18.024	ug/l		84
38) Methylcyclohexane	9.582	83	35584	14.686	ug/l		95
39) 1,2-Dichloropropane	9.606	63	31979	19.045	ug/l		98
40) Dibromomethane	9.694	93	24593	21.539	ug/l		97
41) Bromodichloromethane	9.871	83	50707	22.002	ug/l		95
42) Vinyl Acetate	6.588	43	420856	90.835	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087390.D
Acq On : 22 Jul 2025 15:14
Operator : JC\MD
Sample : VN0722WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 23 07:21:33 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 :
VN0722WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	50754	19.737	ug/l		96
44) Isopropyl Acetate	8.677	43	86358	20.612	ug/l		97
45) 1,4-Dioxane	9.676	88	10995	387.941	ug/l	#	90
46) Methyl methacrylate	9.665	41	38010	19.515	ug/l		87
47) n-amyl Acetate	12.523	43	51634m	20.157	ug/l		
48) t-1,3-Dichloropropene	10.818	75	51109	19.893	ug/l		98
49) cis-1,3-Dichloropropene	10.294	75	51104	18.710	ug/l	#	82
50) 1,1,2-Trichloroethane	11.000	97	33315	20.540	ug/l		97
51) Ethyl methacrylate	10.859	69	45738	18.528	ug/l		85
52) 1,3-Dichloropropane	11.141	76	54665	19.632	ug/l		98
53) Dibromochloromethane	11.341	129	37641	22.109	ug/l		98
54) 1,2-Dibromoethane	11.453	107	33175	19.825	ug/l		98
55) 2-Chloroethyl vinyl ether	10.141	63	128071	90.508	ug/l		99
56) Bromoform	12.559	173	25331	21.643	ug/l	#	96
58) 4-Methyl-2-Pentanone	10.429	43	285069	112.178	ug/l		94
59) 2-Hexanone	11.176	43	189787	115.658	ug/l		89
61) Tetrachloroethene	11.082	164	23546	18.810	ug/l		95
62) Toluene	10.612	91	132260	18.526	ug/l		99
64) Chlorobenzene	11.870	112	85524	18.780	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.941	131	32293	21.462	ug/l		97
66) Ethyl Benzene	11.947	91	137146	17.551	ug/l		95
67) m/p-Xylenes	12.053	106	109592	36.599	ug/l		100
68) o-Xylene	12.376	106	52447	18.358	ug/l		98
69) Styrene	12.394	104	91266	18.609	ug/l		98
70) Isopropylbenzene	12.676	105	130872	18.394	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.917	83	50914	19.881	ug/l		100
72) 1,2,3-Trichloropropane	12.976	75	45108m	20.425	ug/l		
73) Bromobenzene	12.959	156	35942	20.825	ug/l		91
74) n-propylbenzene	13.017	91	166235	19.125	ug/l		100
75) 2-Chlorotoluene	13.106	91	101393	19.308	ug/l		97
76) 1,3,5-Trimethylbenzene	13.153	105	114199	19.716	ug/l		100
77) t-1,4-Dichloro-2-butene	12.717	75	16369m	16.710	ug/l		
78) 4-Chlorotoluene	13.200	91	111320	20.698	ug/l		99
79) tert-butylbenzene	13.417	119	94598	19.429	ug/l		98
80) 1,2,4-Trimethylbenzene	13.459	105	118790	20.424	ug/l		98
81) sec-Butylbenzene	13.594	105	143140	20.224	ug/l		99
82) p-Isopropyltoluene	13.706	119	116996	19.863	ug/l		96
83) 1,3-Dichlorobenzene	13.712	146	70815	21.307	ug/l		99
84) 1,4-Dichlorobenzene	13.794	146	69652	20.823	ug/l		98
85) n-Butylbenzene	14.035	91	108513	20.192	ug/l		97
86) Hexachloroethane	14.311	117	23499	21.077	ug/l		89
87) 1,2-Dichlorobenzene	14.082	146	65604	20.935	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	11694	20.279	ug/l		99
89) 1,2,4-Trichlorobenzene	15.811	180	39379	22.211	ug/l		97
90) Hexachlorobutadiene	15.476	225	16300	30.982	ug/l		95
91) Naphthalene	15.617	128	124218	17.802	ug/l		98
92) 1,2,3-Trichlorobenzene	15.811	180	39379	22.211	ug/l		97

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

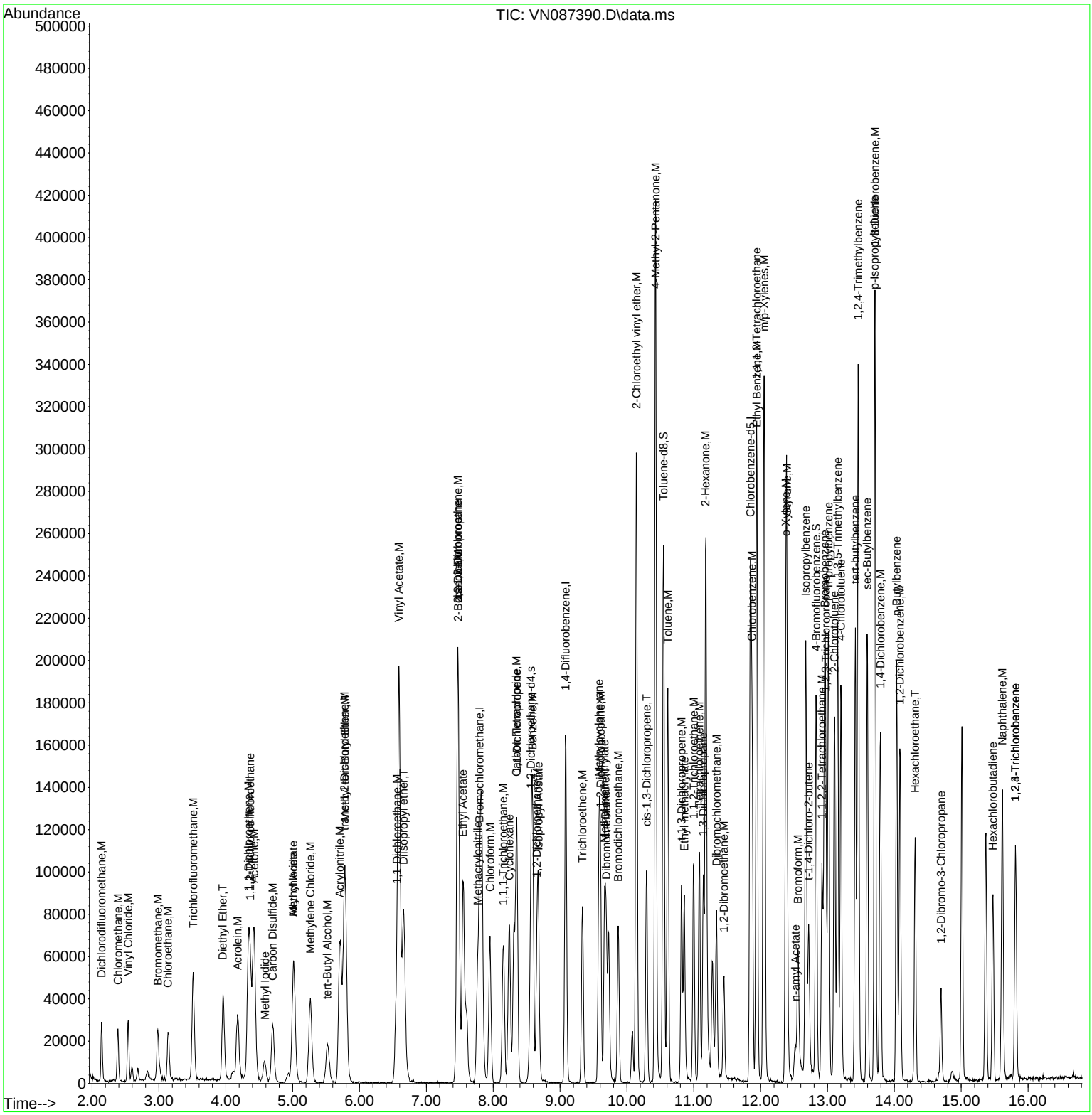
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087390.D
Acq On : 22 Jul 2025 15:14
Operator : JC\MD
Sample : VN0722WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 23 07:21:33 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 :
VN0722WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



Raw Data: **VN087391.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:	VN0722WBSD01		SDG No.:	Q2669	
Lab Sample ID:	VN0722WBSD01		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:	Date Analyzed	Prep Batch ID
VN087391.D	1	07/22/25 15:50	VN072225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	16.8		0.45	5.00	ug/L
108-88-3	Toluene	16.1		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	15.4		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	32.0		1.30	10.0	ug/L
95-47-6	o-Xylene	15.3		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.5		91 - 110	108%	SPK: 30
2037-26-5	Toluene-d8	29.5		91 - 112	98%	SPK: 30
460-00-4	4-Bromofluorobenzene	31.3		63 - 112	104%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	28100	7.8			
540-36-3	1,4-Difluorobenzene	134000	9.088			
3114-55-4	Chlorobenzene-d5	128000	11.847			

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\VN072225\
Data File : VN087391.D
Acq On : 22 Jul 2025 15:50
Operator : JC\MD
Sample : VN0722WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 05:56:06 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 :
VN0722WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	28135	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.088	114	133851	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	128141	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	68880	32.493	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.300%			
60) 4-Bromofluorobenzene	12.829	95	61874	31.291	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.300%			
63) Toluene-d8	10.547	98	169859	29.523	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	21144	12.485	ug/l	94
3) Chloromethane	2.389	50	21961	12.695	ug/l	99
4) Vinyl Chloride	2.542	62	26414	14.050	ug/l	98
5) Bromomethane	2.983	94	16889	16.927	ug/l	95
6) Chloroethane	3.142	64	21319	21.139	ug/l	99
7) Trichlorofluoromethane	3.518	101	47616	20.648	ug/l	99
8) Diethyl Ether	3.965	74	19829	17.501	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	26256m	15.357	ug/l	
10) 1,1-Dichloroethene	4.330	96	25377	14.890	ug/l #	81
11) Methyl Iodide	4.583	142	16121	10.558	ug/l	83
12) Methyl Acetate	5.018	43	43182	16.153	ug/l	92
13) Acrolein	4.177	56	37098	90.311	ug/l	91
14) Acrylonitrile	5.712	53	84116	67.457	ug/l	98
15) Acetone	4.430	58	36133	99.339	ug/l	77
16) Carbon Disulfide	4.706	76	56857	11.410	ug/l	97
17) Allyl chloride	5.018	41	35780	12.728	ug/l	96
18) Methylene Chloride	5.265	84	28386m	14.377	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	26040	13.971	ug/l	90
20) Diisopropyl ether	6.665	45	91137	15.281	ug/l	94
21) 1,1-Dichloroethane	6.553	63	52262	14.662	ug/l	97
22) cis-1,2-Dichloroethene	7.477	96	31044	14.311	ug/l	99
23) tert-Butyl Alcohol	5.524	59	30316	64.647	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	90839	15.197	ug/l	96
25) Chloroform	7.953	83	56306	16.488	ug/l	97
26) Cyclohexane	8.241	56	31365	10.586	ug/l #	90
29) 1,1-Dichloropropene	8.353	75	33546	16.080	ug/l	99
30) 2-Butanone	7.471	43	125628	89.269	ug/l	96
31) 2,2-Dichloropropane	7.477	77	48366	19.205	ug/l #	77
32) 1,1,1-Trichloroethane	8.147	97	47398	19.447	ug/l	98
33) Carbon Tetrachloride	8.347	117	41247	20.110	ug/l	95
34) Benzene	8.588	78	111316	16.842	ug/l	98
35) Methacrylonitrile	7.771	41	24739	17.443	ug/l	97
36) 1,2-Dichloroethane	8.653	62	45393	21.257	ug/l	98
37) Trichloroethene	9.335	130	26174	17.169	ug/l	87
38) Methylcyclohexane	9.582	83	30645	12.802	ug/l	94
39) 1,2-Dichloropropane	9.600	63	29498	17.782	ug/l	95
40) Dibromomethane	9.688	93	23266	20.626	ug/l	94
41) Bromodichloromethane	9.871	83	45953	20.183	ug/l	97
42) Vinyl Acetate	6.588	43	374368	81.789	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087391.D
Acq On : 22 Jul 2025 15:50
Operator : JC\MD
Sample : VN0722WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 05:56:06 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 :
VN0722WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	48130m	18.945 ug/l	
44) Isopropyl Acetate	8.671	43	76758	18.544 ug/l	96
45) 1,4-Dioxane	9.682	88	10439	372.826 ug/l #	89
46) Methyl methacrylate	9.665	41	34534	17.947 ug/l	91
47) n-amyl Acetate	12.523	43	45855m	18.120 ug/l	
48) t-1,3-Dichloropropene	10.818	75	44305	17.455 ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	45992	17.045 ug/l	92
50) 1,1,2-Trichloroethane	11.000	97	29296	18.283 ug/l	95
51) Ethyl methacrylate	10.859	69	39945m	16.379 ug/l	
52) 1,3-Dichloropropane	11.141	76	49006	17.814 ug/l	98
53) Dibromochloromethane	11.341	129	35342	21.012 ug/l	97
54) 1,2-Dibromoethane	11.447	107	28802	17.422 ug/l	94
55) 2-Chloroethyl vinyl ether	10.141	63	127073	90.900 ug/l	100
56) Bromoform	12.559	173	22156	19.162 ug/l #	94
58) 4-Methyl-2-Pentanone	10.429	43	250236	97.137 ug/l	95
59) 2-Hexanone	11.182	43	165334	99.392 ug/l	88
61) Tetrachloroethene	11.088	164	21223	16.724 ug/l	93
62) Toluene	10.612	91	116231	16.060 ug/l	99
64) Chlorobenzene	11.870	112	76559	16.584 ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	29105	19.081 ug/l	96
66) Ethyl Benzene	11.947	91	121606	15.351 ug/l	98
67) m/p-Xylenes	12.053	106	97084	31.983 ug/l	98
68) o-Xylene	12.382	106	44422	15.339 ug/l	99
69) Styrene	12.388	104	77788	15.646 ug/l	98
70) Isopropylbenzene	12.676	105	115616	16.030 ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	46649	17.969 ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	44392m	19.829 ug/l	
73) Bromobenzene	12.959	156	30882	17.651 ug/l	89
74) n-propylbenzene	13.017	91	149770	16.997 ug/l	100
75) 2-Chlorotoluene	13.106	91	89057	16.729 ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	102068	17.383 ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	14584	14.686 ug/l	89
78) 4-Chlorotoluene	13.200	91	96524	17.704 ug/l	100
79) tert-butylbenzene	13.417	119	84143	17.048 ug/l	99
80) 1,2,4-Trimethylbenzene	13.464	105	101815	17.268 ug/l	100
81) sec-Butylbenzene	13.594	105	123772	17.251 ug/l	100
82) p-Isopropyltoluene	13.706	119	103843	17.392 ug/l	98
83) 1,3-Dichlorobenzene	13.717	146	61115	18.140 ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	62712	18.495 ug/l	98
85) n-Butylbenzene	14.035	91	92646	17.006 ug/l	99
86) Hexachloroethane	14.311	117	21536	19.054 ug/l	93
87) 1,2-Dichlorobenzene	14.088	146	59011	18.576 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	10110	17.294 ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	33674	18.736 ug/l	96
90) Hexachlorobutadiene	15.476	225	14823	27.793 ug/l	96
91) Naphthalene	15.617	128	111303	15.735 ug/l	100
92) 1,2,3-Trichlorobenzene	15.817	180	33674	18.736 ug/l	96

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

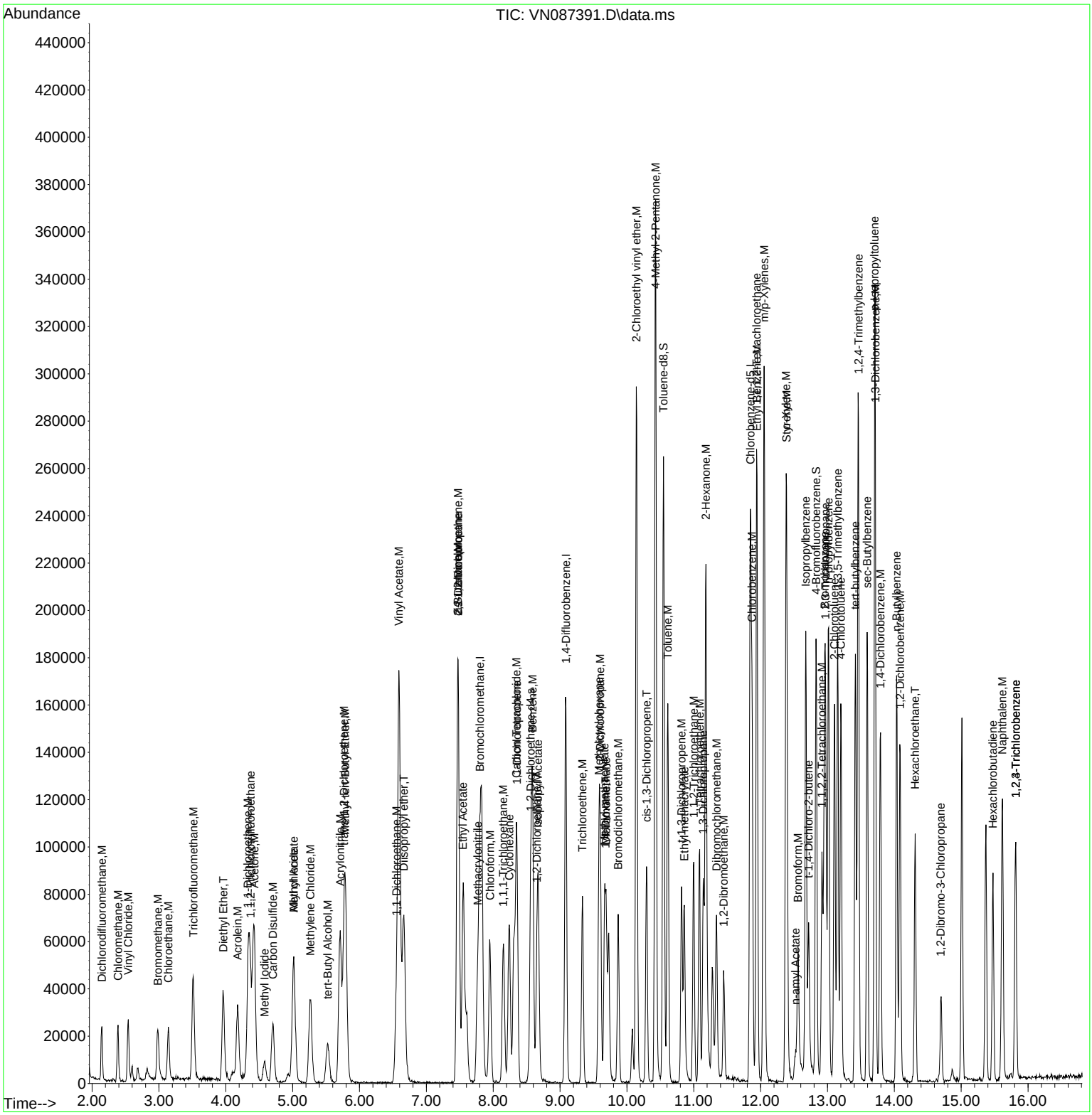
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087391.D
Acq On : 22 Jul 2025 15:50
Operator : JC\MD
Sample : VN0722WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 05:56:06 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 :
VN0722WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



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
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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Manual Integration Report

Sequence:	VN072225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087389.D	1,2,3-Trichloropropane	MMDadoda	7/23/2025 8:17:24 AM	SAM	7/23/2025 8:23:05 AM	Peak Integrated by Software
VSTDCCC020	VN087389.D	Ethyl Acetate	MMDadoda	7/23/2025 8:17:24 AM	SAM	7/23/2025 8:23:05 AM	Peak Integrated by Software
VSTDCCC020	VN087389.D	Methyl Iodide	MMDadoda	7/23/2025 8:17:24 AM	SAM	7/23/2025 8:23:05 AM	Peak Integrated by Software
VSTDCCC020	VN087389.D	n-amyl Acetate	MMDadoda	7/23/2025 8:17:24 AM	SAM	7/23/2025 8:23:05 AM	Peak Integrated by Software
VSTDCCC020	VN087389.D	tert-Butyl Alcohol	MMDadoda	7/23/2025 8:17:24 AM	SAM	7/23/2025 8:23:05 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	1,1-Dichloroethane	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	1,2,3-Trichloropropane	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	2,2-Dichloropropane	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	Methyl Iodide	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	n-amyl Acetate	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	t-1,4-Dichloro-2-butene	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBS01	VN087390.D	trans-1,2-Dichloroethene	MMDadoda	7/23/2025 8:17:26 AM	SAM	7/23/2025 8:23:08 AM	Peak Integrated by Software
VN0722WBSD01	VN087391.D	1,1,2-Trichlorotrifluoroethane	MMDadoda	7/23/2025 8:17:29 AM	SAM	7/23/2025 8:23:10 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN072225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VN0722WBSD01	VN087391.D	1,2,3-Trichloropropane	MMDadoda	7/23/2025 8:17:29 AM	SAM	7/23/2025 8:23:10 AM	Peak Integrated by Software
VN0722WBSD01	VN087391.D	Ethyl Acetate	MMDadoda	7/23/2025 8:17:29 AM	SAM	7/23/2025 8:23:10 AM	Peak Integrated by Software
VN0722WBSD01	VN087391.D	Ethyl methacrylate	MMDadoda	7/23/2025 8:17:29 AM	SAM	7/23/2025 8:23:10 AM	Peak Integrated by Software
VN0722WBSD01	VN087391.D	Methylene Chloride	MMDadoda	7/23/2025 8:17:29 AM	SAM	7/23/2025 8:23:10 AM	Peak Integrated by Software
VN0722WBSD01	VN087391.D	n-amyl Acetate	MMDadoda	7/23/2025 8:17:29 AM	SAM	7/23/2025 8:23:10 AM	Peak Integrated by Software
Q2669-01	VN087393.D	Ethyl Benzene	MMDadoda	7/23/2025 8:17:31 AM	SAM	7/23/2025 8:23:11 AM	Peak Integrated by Software
Q2669-01	VN087393.D	o-Xylene	MMDadoda	7/23/2025 8:17:31 AM	SAM	7/23/2025 8:23:11 AM	Peak Integrated by Software
Q2669-02	VN087394.D	Ethyl Benzene	MMDadoda	7/23/2025 8:17:33 AM	SAM	7/23/2025 8:23:14 AM	Peak Integrated by Software
Q2669-02	VN087394.D	o-Xylene	MMDadoda	7/23/2025 8:17:33 AM	SAM	7/23/2025 8:23:14 AM	Peak Integrated by Software
Q2669-01DL	VN087395.D	Acetone	MMDadoda	7/23/2025 8:17:35 AM	SAM	7/23/2025 8:23:16 AM	Peak Integrated by Software
Q2669-02DL	VN087396.D	Acetone	MMDadoda	7/23/2025 8:17:37 AM	SAM	7/23/2025 8:23:19 AM	Peak Integrated by Software
VSTDCCC020	VN087397.D	1,2,3-Trichloropropane	MMDadoda	7/23/2025 8:17:38 AM	SAM	7/23/2025 8:23:21 AM	Peak Integrated by Software
VSTDCCC020	VN087397.D	Ethyl Acetate	MMDadoda	7/23/2025 8:17:38 AM	SAM	7/23/2025 8:23:21 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN072225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087397.D	n-amyl Acetate	MMDadoda	7/23/2025 8:17:38 AM	SAM	7/23/2025 8:23:21 AM	Peak Integrated by Software

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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	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 # VN072225

Review By	Mahesh Dadoda	Review On	7/23/2025 8:17:54 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/23/2025 8:23:50 AM		
SubDirectory	VN072225	HP Acquire Method		HP Processing Method	624N062525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134881
Initial Calibration Stds	
CCC	VP134882,VP134883
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087388.D	22 Jul 2025 13:29	JC\MD	Ok
2	VSTDCCC020	VN087389.D	22 Jul 2025 14:03	JC\MD	Ok,M
3	VN0722WBS01	VN087390.D	22 Jul 2025 15:14	JC\MD	Ok,M
4	VN0722WBSD01	VN087391.D	22 Jul 2025 15:50	JC\MD	Ok,M
5	VN0722WBL01	VN087392.D	22 Jul 2025 16:12	JC\MD	Ok
6	Q2669-01	VN087393.D	22 Jul 2025 16:46	JC\MD	Dilution
7	Q2669-02	VN087394.D	22 Jul 2025 17:07	JC\MD	Dilution
8	Q2669-01DL	VN087395.D	22 Jul 2025 17:28	JC\MD	Ok,M
9	Q2669-02DL	VN087396.D	22 Jul 2025 17:49	JC\MD	Ok,M
10	VSTDCCC020	VN087397.D	22 Jul 2025 18:11	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

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072225

Review By	Mahesh Dadoda	Review On	7/23/2025 8:17:54 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/23/2025 8:23:50 AM		
SubDirectory	VN072225	HP Acquire Method		HP Processing Method	624N062525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134881
Initial Calibration Stds	
CCC	VP134882,VP134883
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087388.D	22 Jul 2025 13:29		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087389.D	22 Jul 2025 14:03		JC\MD	Ok,M
3	VN0722WBS01	VN0722WBS01	VN087390.D	22 Jul 2025 15:14		JC\MD	Ok,M
4	VN0722WBSD01	VN0722WBSD01	VN087391.D	22 Jul 2025 15:50		JC\MD	Ok,M
5	VN0722WBL01	VN0722WBL01	VN087392.D	22 Jul 2025 16:12		JC\MD	Ok
6	Q2669-01	001 WILLETS PT BLVD	VN087393.D	22 Jul 2025 16:46	vial A pH<2 Surrogate Fail,BS failed Low,Need 10X	JC\MD	Dilution
7	Q2669-02	002 35th Ave (JUNE)	VN087394.D	22 Jul 2025 17:07	vial A pH<2 Surrogate Fail,BS failed Low,Need 20X	JC\MD	Dilution
8	Q2669-01DL	001 WILLETS PT BLVD	VN087395.D	22 Jul 2025 17:28	vial B pH<2 Surrogate Fail,BS failed Low;	JC\MD	Ok,M
9	Q2669-02DL	002 35th Ave (JUNE)DL	VN087396.D	22 Jul 2025 17:49	vial B pH<2 Surrogate Fail,BS failed Low	JC\MD	Ok,M
10	VSTDCCC020	VSTDCCC020EC	VN087397.D	22 Jul 2025 18:11		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: Q 2669

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
☐ EDD Format_____
☐ USEPA CLP
☐ New York State ASP "B"
☐ New York State ASP "A"
☐ Other_____

ANALYSIS

1	2	3	4	5	6	7	8	9
CU, Fe, Pb	TSS	BTEX	O&G					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (June)	W		X	7/21/25	11:30	5	X	X	X	X						
2.	002 35th Ave (June)	W		X	7/21/25	11:30	5	X	X	X	X						
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER	DATE/TIME July 21, 2025	RECEIVED BY
1. D Devoe		1.
RELINQUISHED BY	DATE/TIME 7/22 10:55	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 17.5 C
☐ Ice in Cooler?: no
MeOH extraction requires an additional 4oz. Jar for percent solid
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

From: Dean Devoe <DDevoe@tullyconstruction.com>
Sent: Tuesday, July 22, 2025 12:50 PM
Subject: Re: melted ice

Please proceed.

Sent from my Verizon, Samsung Galaxy smartphone
Get Outlook for Android

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Tuesday, July 22, 2025 11:41:05 AM
To: Dean Devoe <DDevoe@tullyconstruction.com>
Subject: melted ice

Good morning,

sample received with melted ice with Temp 17.5 cel on 7/22/2025 let us know how to proceed with analysis ?

Thanks & Regards,

Deepak Parmar
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

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 : Q2669 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 7/22/2025 11:14:00 AM
Project Name : Transfer Station-SPDES
Receive DateTime : 7/22/2025 11:05:00 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
Q2669-01	001 WILLETS PT BLVD (JUNE)	Water	07/21/2025	11:30					
					VOC-BTEX		624.1		1 Bus. Day
Q2669-02	002 35th Ave (JUNE)	Water	07/21/2025	11:30					
					VOC-BTEX		624.1		1 Bus. Day

Relinguished By :
Date / Time : 7/22/25 1210

Received By :
Date / Time : 7/22/25 1210

Storage Area : VOA Refridgerator Room