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

Cover Page

Order ID : Q3149

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number	Client Sample Number
Q3149-01	001 Willets Pt Blvd (Aug)
Q3149-02	002 35th Ave(Aug)
Q3149-03	Q3149-2MS
Q3149-04	Q3149-2MSD

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: 9/24/2025

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 #: **Q3149**

	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: **SOHIL JODHANI** **Date:** **09/24/2025**

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LAB CHRONICLE

OrderID:	Q3149	**OrderDate:**	9/19/2025 11:49:00 AM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	J33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3149-01	**001 Willets Pt Blvd (Aug)**	**Water**			**09/18/25**			**09/19/25**
			VOC-BTEX	624.1			09/22/25	
Q3149-02	**002 35th Ave(Aug)**	**Water**			**09/18/25**			**09/19/25**
			VOC-BTEX	624.1			09/22/25	
Q3149-02RE	**002 35th Ave(Aug)RE**	**Water**			**09/18/25**			**09/19/25**
			VOC-BTEX	624.1			09/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3149

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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

SDG No.: Q3149

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3149-01	001 Willets Pt Blvd (Aug)	1,2-Dichloroethane-d4	30	27.3	91		91	110
		Toluene-d8	30	28.9	96		91	112
		4-Bromofluorobenzene	30	24.2	81		63	112
Q3149-02	002 35th Ave(Aug)	1,2-Dichloroethane-d4	30	26.5	88	*	91	110
		Toluene-d8	30	29.2	97		91	112
		4-Bromofluorobenzene	30	24.9	83		63	112
Q3149-02RE	002 35th Ave(Aug)RE	1,2-Dichloroethane-d4	30	27.0	90	*	91	110
		Toluene-d8	30	28.9	96		91	112
		4-Bromofluorobenzene	30	24.9	83		63	112
Q3149-03MS	002 35th Ave(Aug)MS	1,2-Dichloroethane-d4	30	27.4	91		91	110
		Toluene-d8	30	29.7	99		91	112
		4-Bromofluorobenzene	30	29.6	99		63	112
Q3149-04MSD	002 35th Ave(Aug)MSD	1,2-Dichloroethane-d4	30	26.8	89	*	91	110
		Toluene-d8	30	29.2	97		91	112
		4-Bromofluorobenzene	30	30.6	102		63	112
VN0922WBL01	VN0922WBL01	1,2-Dichloroethane-d4	30	28.9	96		91	110
		Toluene-d8	30	28.8	96		91	112
		4-Bromofluorobenzene	30	25.4	85		63	112
VN0922WBS01	VN0922WBS01	1,2-Dichloroethane-d4	30	27.8	93		91	110
		Toluene-d8	30	28.4	95		91	112
		4-Bromofluorobenzene	30	29.5	98		63	112

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3149 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087918.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3149-03MS		**Client Sample ID : 002 35th Ave(Aug)MS**									
Benzene	20	0	15.8	ug/L	79				37	151	
Toluene	20	0	15.9	ug/L	79				47	150	
Ethyl Benzene	20	0	15.0	ug/L	75				37	162	
m/p-Xylenes	40	0	31.2	ug/L	78				77	116	
o-Xylene	20	0	15.4	ug/L	77	*			83	113	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3149 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087919.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3149-04MSD		**Client Sample ID : 002 35th Ave(Aug)MSD**									
Benzene	20	0	15.0	ug/L	75		5		37	151	20
Toluene	20	0	15.4	ug/L	77		3		47	150	20
Ethyl Benzene	20	0	14.6	ug/L	73		3		37	162	20
m/p-Xylenes	40	0	30.8	ug/L	77		1		77	116	20
o-Xylene	20	0	14.9	ug/L	75	*	3		83	113	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3149 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087913.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0922WBS01	Benzene	20	19.0	ug/L	95			65	135	
	Toluene	20	18.8	ug/L	94			70	130	
	Ethyl Benzene	20	18.2	ug/L	91			60	140	
	m/p-Xylenes	40	38.6	ug/L	97			87	111	
	o-Xylene	20	19.1	ug/L	96			87	111	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0922WBL01

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q3149

Lab File ID: VN087915.D Lab Sample ID: VN0922WBL01

Date Analyzed: 09/22/2025 Time Analyzed: 12:26

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
VN0922WBS01	VN0922WBS01	VN087913.D	09/22/2025
001 Willets Pt Blvd (Aug)	Q3149-01	VN087916.D	09/22/2025
002 35th Ave(Aug)	Q3149-02	VN087917.D	09/22/2025
002 35th Ave(Aug)MS	Q3149-03MS	VN087918.D	09/22/2025
002 35th Ave(Aug)MSD	Q3149-04MSD	VN087919.D	09/22/2025
002 35th Ave(Aug)RE	Q3149-02RE	VN087921.D	09/22/2025

COMMENTS:

Raw Data: **VN087713.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q3149

Lab File ID: VN087713.D | BFB Injection Date: 09/04/2025

Instrument ID: MSVOA_N | BFB Injection Time: 10:10

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	57.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	67
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	65.8 (98.3) 1
177	5.0 - 9.0% of mass 176	4.7 (7.1) 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	VN087725.D	09/04/2025	16:23
VSTDICCC020	VSTDICCC020	VN087726.D	09/04/2025	16:44
VSTDICC050	VSTDICC050	VN087727.D	09/04/2025	17:05
VSTDICC100	VSTDICC100	VN087728.D	09/04/2025	17:25
VSTDICC150	VSTDICC150	VN087729.D	09/04/2025	17:46

Raw Data: **VN087911.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q3149

Lab File ID: VN087911.D | BFB Injection Date: 09/22/2025

Instrument ID: MSVOA_N | BFB Injection Time: 09:54

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	21.4
75	30.0 - 60.0% of mass 95	56.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	77.3
175	5.0 - 9.0% of mass 174	6.2 (8.1) 1
176	95.0 - 101.0% of mass 174	74.2 (96) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC020	VSTDCCC020	VN087912.D	09/22/2025	10:19
VN0922WBS01	VN0922WBS01	VN087913.D	09/22/2025	10:57
VN0922WBL01	VN0922WBL01	VN087915.D	09/22/2025	12:26
001 Willets Pt Blvd (Aug)	Q3149-01	VN087916.D	09/22/2025	13:04
002 35th Ave(Aug)	Q3149-02	VN087917.D	09/22/2025	13:24
002 35th Ave(Aug)MS	Q3149-03MS	VN087918.D	09/22/2025	13:45
002 35th Ave(Aug)MSD	Q3149-04MSD	VN087919.D	09/22/2025	14:06
002 35th Ave(Aug)RE	Q3149-02RE	VN087921.D	09/22/2025	14:47

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q3149

Lab File ID: VN087912.D Date Analyzed: 09/22/2025

Instrument ID: MSVOA_N Time Analyzed: 10:19

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	50702	7.79	240101	9.08	230490	11.85
UPPER LIMIT	101404	8.294	480202	9.582	460980	12.347
LOWER LIMIT	25351	7.294	120051	8.582	115245	11.347
EPA SAMPLE NO.						
001 Willets Pt Blvd (Aug)	55130	7.79	266240	9.08	244348	11.85
002 35th Ave(Aug)	48578	7.80	221731	9.08	205342	11.84
002 35th Ave(Aug)RE	55847	7.80	260070	9.09	239586	11.85
002 35th Ave(Aug)MS	50886	7.80	242033	9.08	230193	11.84
002 35th Ave(Aug)MSD	49089	7.80	234680	9.08	222486	11.84
VN0922WBL01	53463	7.79	267356	9.08	245968	11.84
VN0922WBS01	47211	7.79	230333	9.08	222543	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.

SAMPLE DATA

Raw Data: **VN087916.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:	09/18/25
Project:	Transfer Station-SPDES	Date Received:	09/19/25
Client Sample ID:	001 Willets Pt Blvd (Aug)	SDG No.:	Q3149
Lab Sample ID:	Q3149-01	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
VN087916.D	1	09/22/25 13:04	VN092225

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	27.3		91 - 110	91%	SPK: 30
2037-26-5	Toluene-d8	28.9		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	24.2		63 - 112	81%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	55100	7.794			
540-36-3	1,4-Difluorobenzene	266000	9.082			
3114-55-4	Chlorobenzene-d5	244000	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: **VN087916.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087916.D
Acq On : 22 Sep 2025 13:04
Operator : JC\MD
Sample : Q3149-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 04:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	55130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	266240	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	244348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	128385	27.262	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.867%#		
60) 4-Bromofluorobenzene	12.829	95	95076	24.199	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	80.667%		
63) Toluene-d8	10.547	98	328740	28.929	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.433%		
Target Compounds						Qvalue
15) Acetone	4.424	58	3332m	4.837	ug/l	
18) Methylene Chloride	5.259	84	2456	0.651	ug/l #	50
25) Chloroform	7.941	83	8920	1.245	ug/l #	84
58) 4-Methyl-2-Pentanone	10.429	43	4980	0.862	ug/l #	90

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

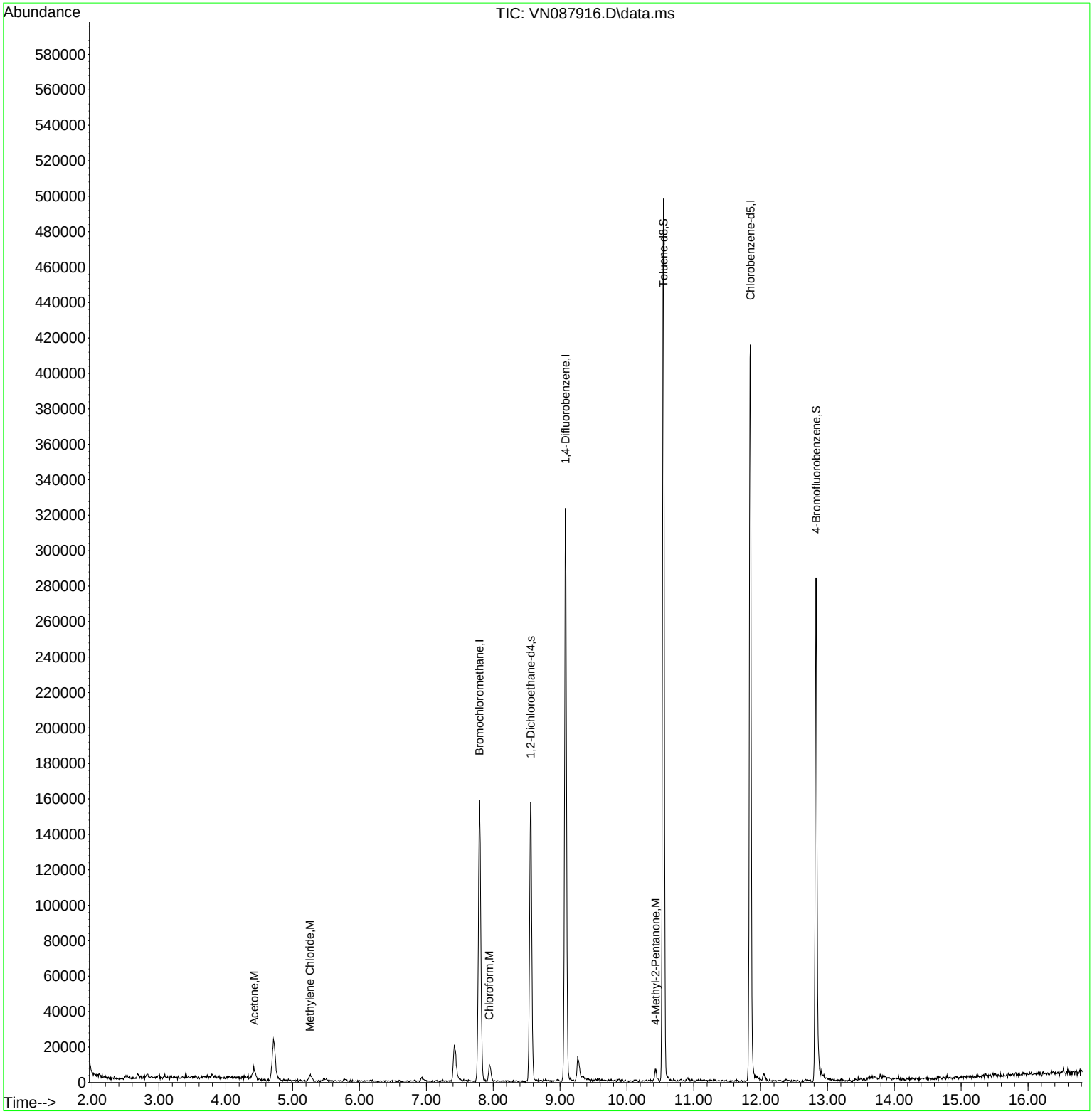
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087916.D
Acq On : 22 Sep 2025 13:04
Operator : JC\MD
Sample : Q3149-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

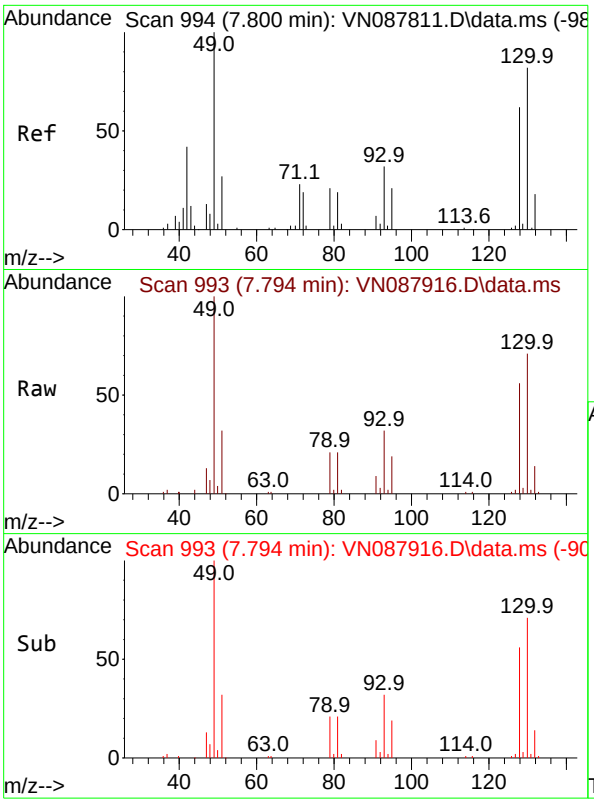
Quant Time: Sep 23 04:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

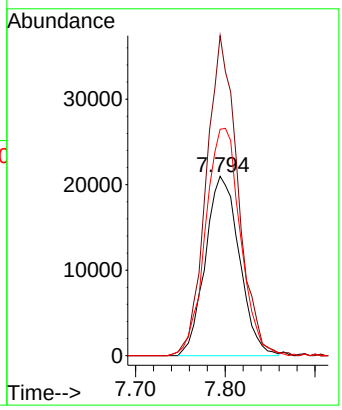




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion:128 Resp: 5513

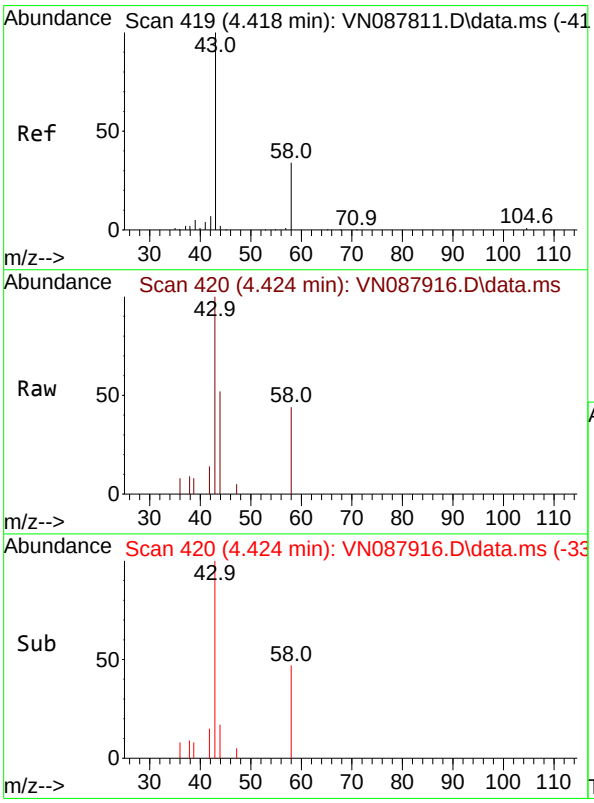
Ion	Ratio	Lower	Upper
128	100		
49	165.7	0.0	464.3
130	130.1	0.0	300.5



Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations
APPROVED

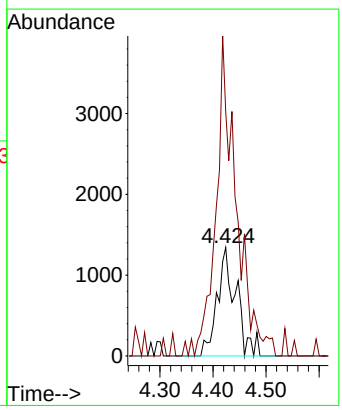
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

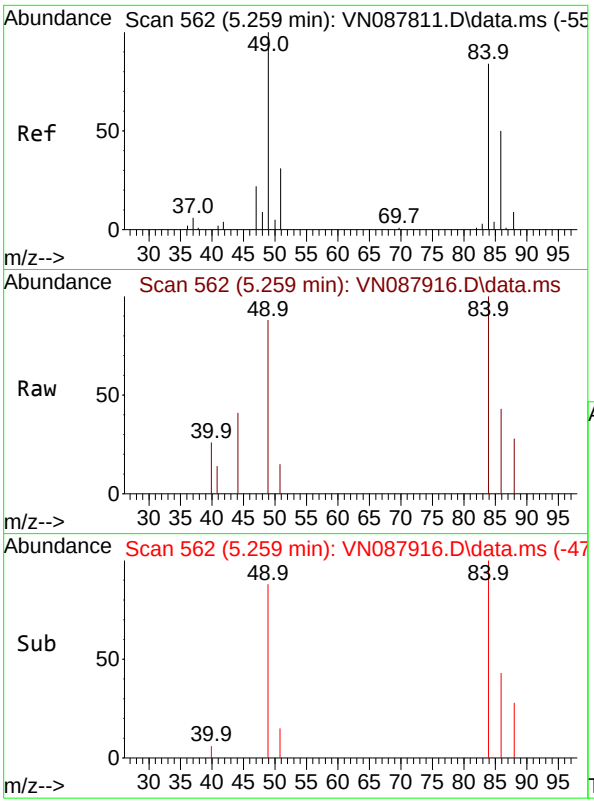


#15
Acetone
Concen: 4.837 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 58 Resp: 3332

Ion	Ratio	Lower	Upper
58	100		
43	225.2	250.6	376.0#

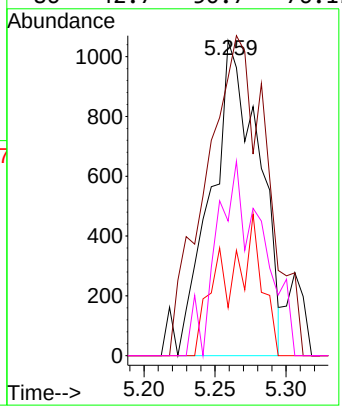




#18
Methylene Chloride
Concen: 0.651 ug/l
RT: 5.259 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 84 Resp: 245

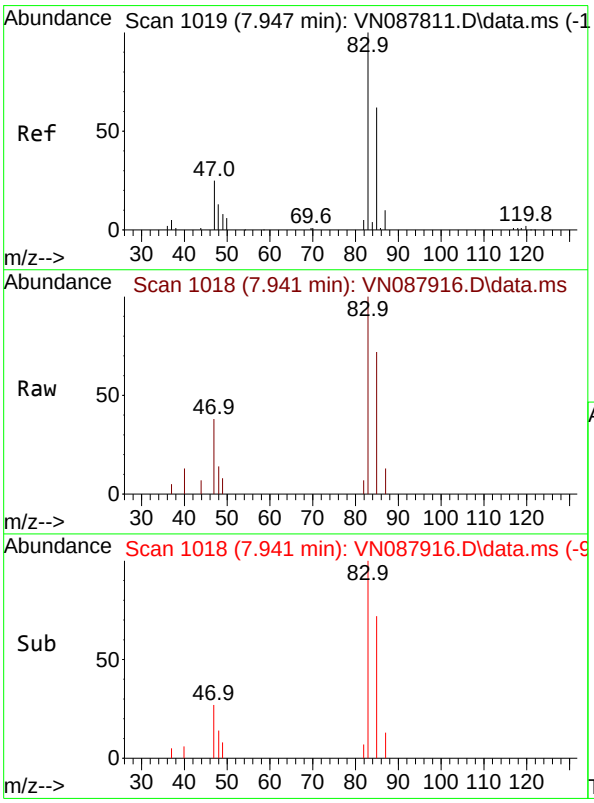
Ion	Ratio	Lower	Upper
84	100		
49	64.4	114.1	171.1#
51	15.3	30.2	45.4#
86	42.7	50.7	76.1#



Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations
APPROVED

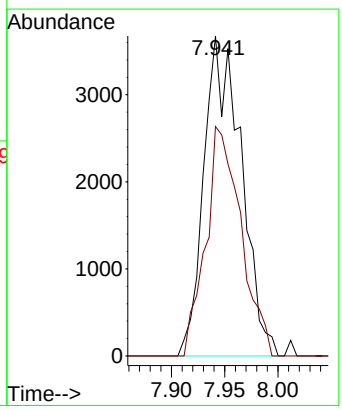
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

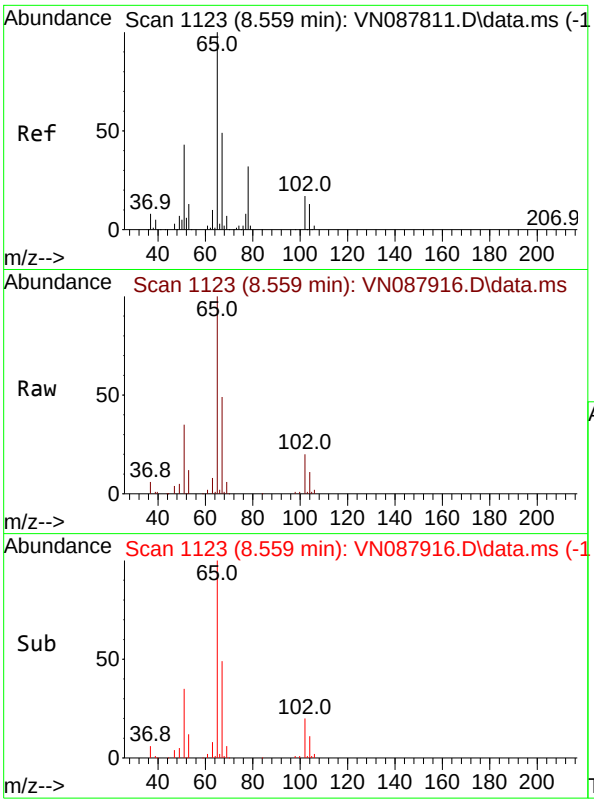


#25
Chloroform
Concen: 1.245 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 83 Resp: 8920

Ion	Ratio	Lower	Upper
83	100		
85	71.7	47.7	71.5#





#27
1,2-Dichloroethane-d4
Concen: 27.262 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

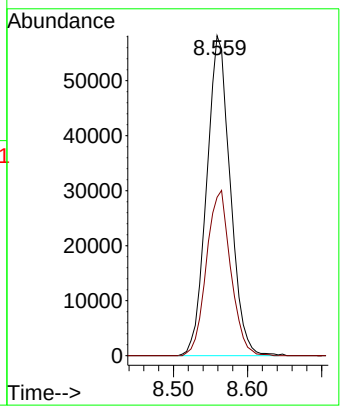
Tgt Ion: 65 Resp: 12838

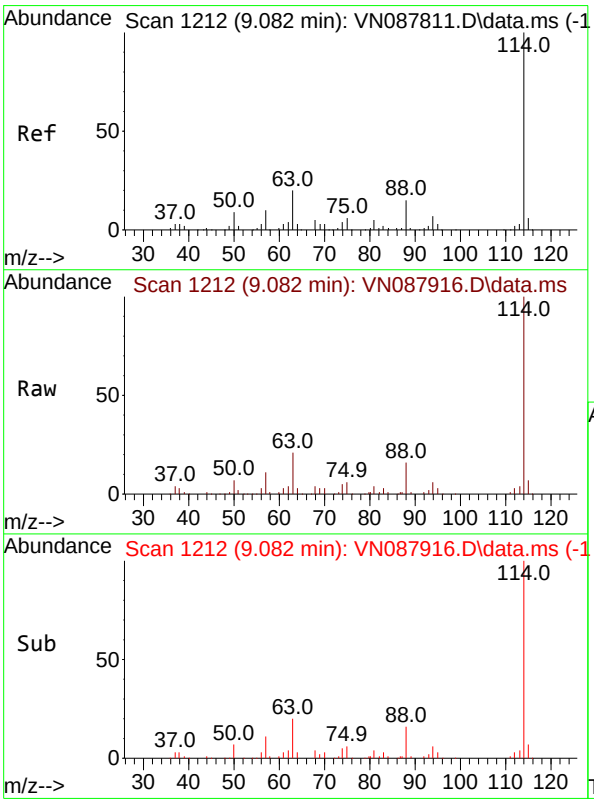
Ion	Ratio	Lower	Upper
65	100		
67	53.2	39.6	59.4

Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

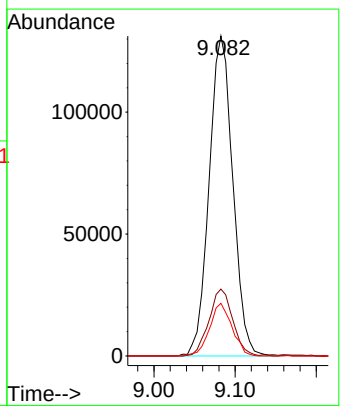


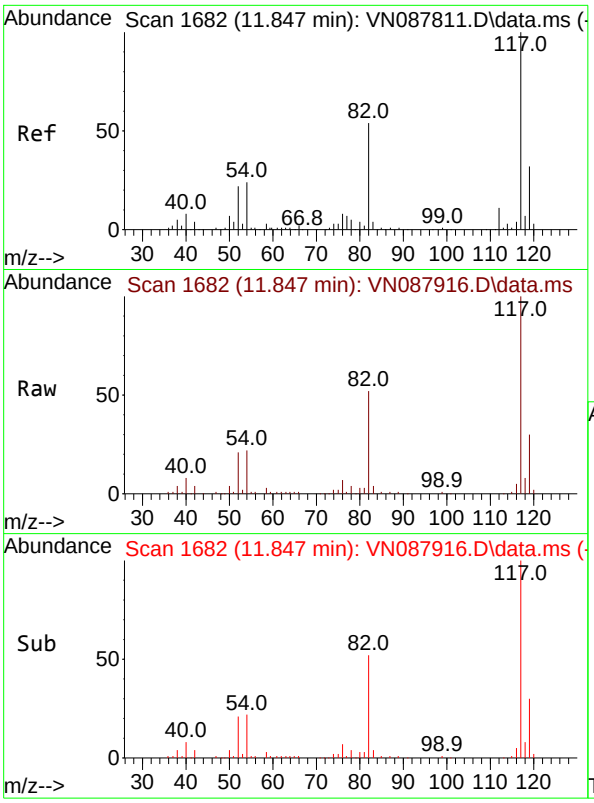


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion:114 Resp: 266240

Ion	Ratio	Lower	Upper
114	100		
63	20.9	18.3	27.5
88	15.6	12.4	18.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

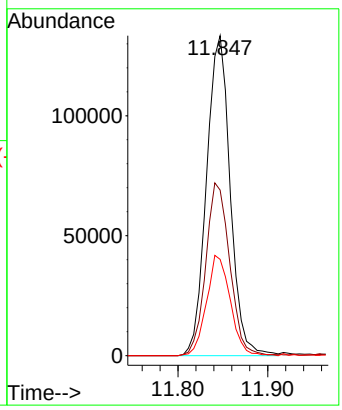
Tgt Ion:117 Resp: 24434

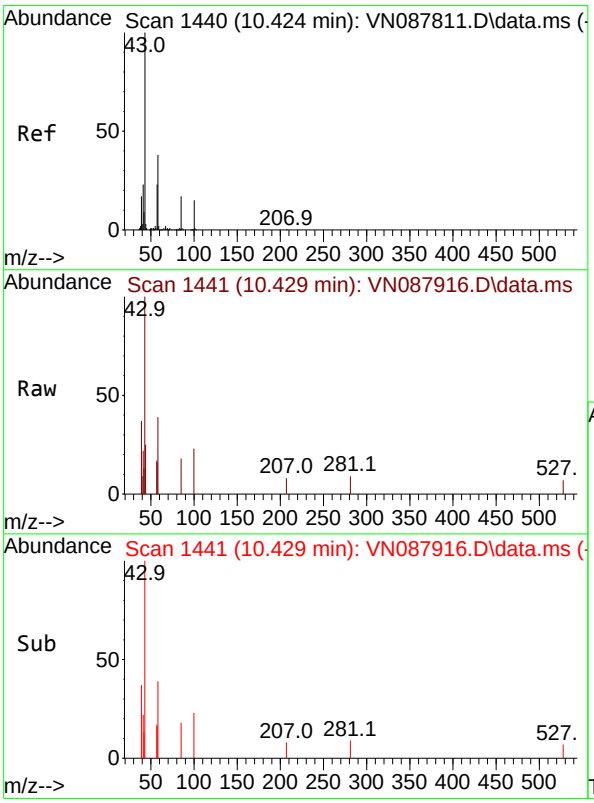
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.9	68.9
119	31.5	25.3	37.9

Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

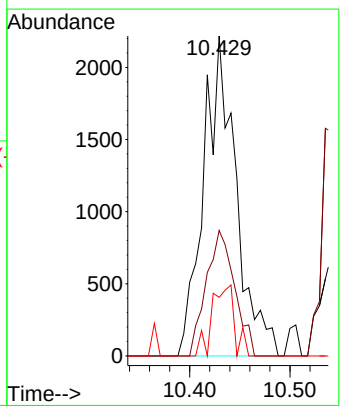


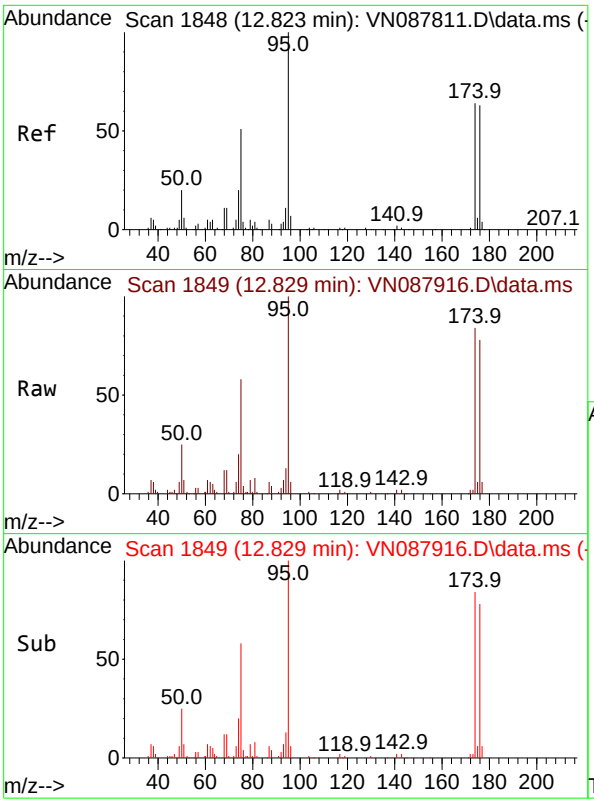


#58
4-Methyl-2-Pentanone
Concen: 0.862 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 43 Resp: 4980

Ion	Ratio	Lower	Upper
43	100		
58	34.4	29.6	44.4
85	6.0	13.0	19.4#





#60
4-Bromofluorobenzene
Concen: 24.199 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 95 Resp: 9507

Ion	Ratio	Lower	Upper
95	100		
174	82.9	55.4	83.0
176	75.5	51.5	77.3

Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)

Manual Integrations
APPROVED

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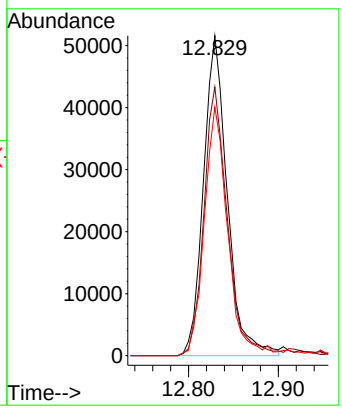
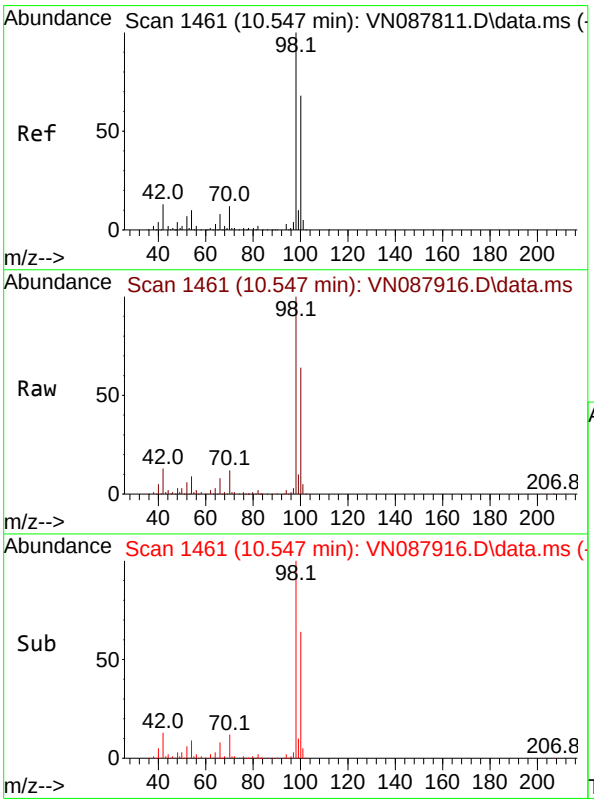
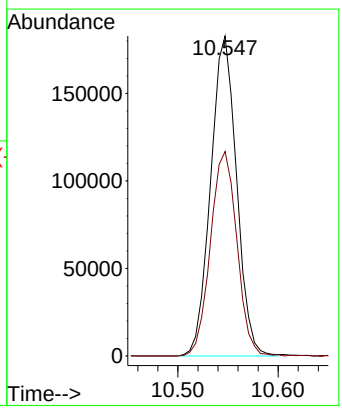




#63
Toluene-d8
Concen: 28.929 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 98 Resp: 328740

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.6	76.0



Raw Data: **VN087917.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:	09/18/25
Project:	Transfer Station-SPDES	Date Received:	09/19/25
Client Sample ID:	002 35th Ave(Aug)	SDG No.:	Q3149
Lab Sample ID:	Q3149-02	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
VN087917.D	1	09/22/25 13:24	VN092225

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	26.5	*	91 - 110	88%	SPK: 30
2037-26-5	Toluene-d8	29.2		91 - 112	97%	SPK: 30
460-00-4	4-Bromofluorobenzene	24.8		63 - 112	83%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	48600	7.8			
540-36-3	1,4-Difluorobenzene	222000	9.082			
3114-55-4	Chlorobenzene-d5	205000	11.841			

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: **VN087917.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087917.D
Acq On : 22 Sep 2025 13:24
Operator : JC\MD
Sample : Q3149-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 04:51:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	48578	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	221731	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	205342	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	109820	26.465	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.200%#		
60) 4-Bromofluorobenzene	12.829	95	82043	24.848	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.833%		
63) Toluene-d8	10.547	98	278494	29.163	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.200%		
Target Compounds						Qvalue
15) Acetone	4.430	58	3457m	5.695	ug/l	
25) Chloroform	7.953	83	10550	1.671	ug/l	91
41) Bromodichloromethane	9.871	83	3947m	0.870	ug/l	
53) Dibromochloromethane	11.335	129	4471	1.391	ug/l	91
56) Bromoform	12.565	173	2288	1.090	ug/l #	86

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087917.D
Acq On : 22 Sep 2025 13:24
Operator : JC\MD
Sample : Q3149-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 23 04:51:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
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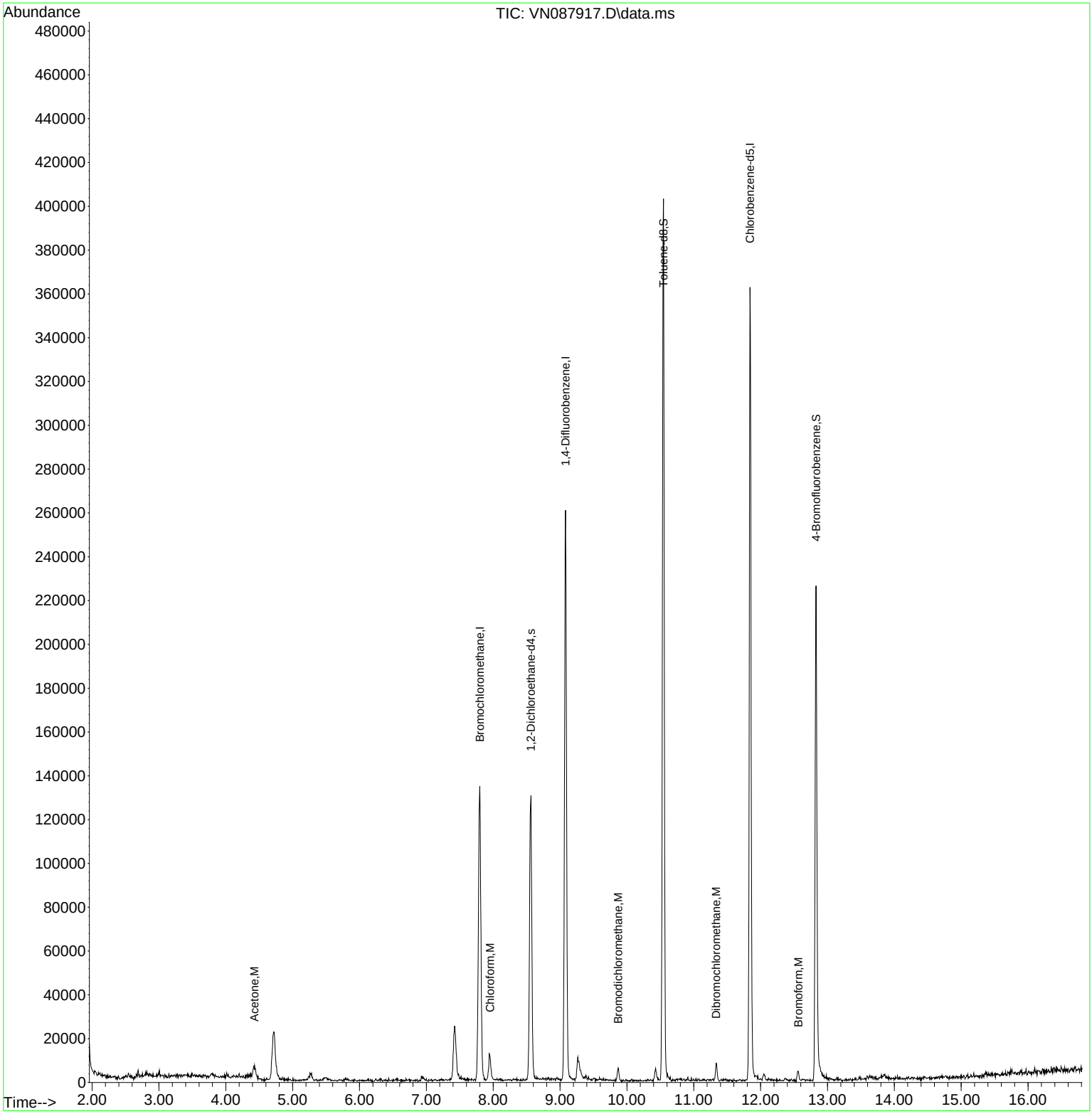
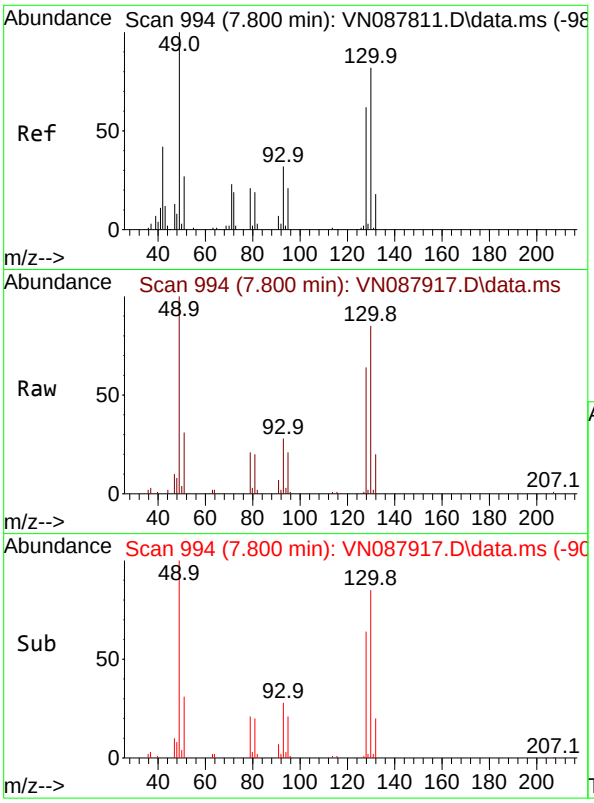
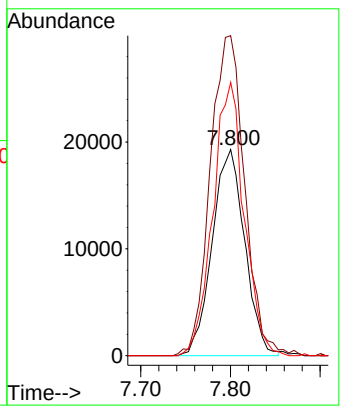




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion:128 Resp: 4857

Ion	Ratio	Lower	Upper
128	100		
49	163.6	0.0	464.3
130	127.7	0.0	300.5



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

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
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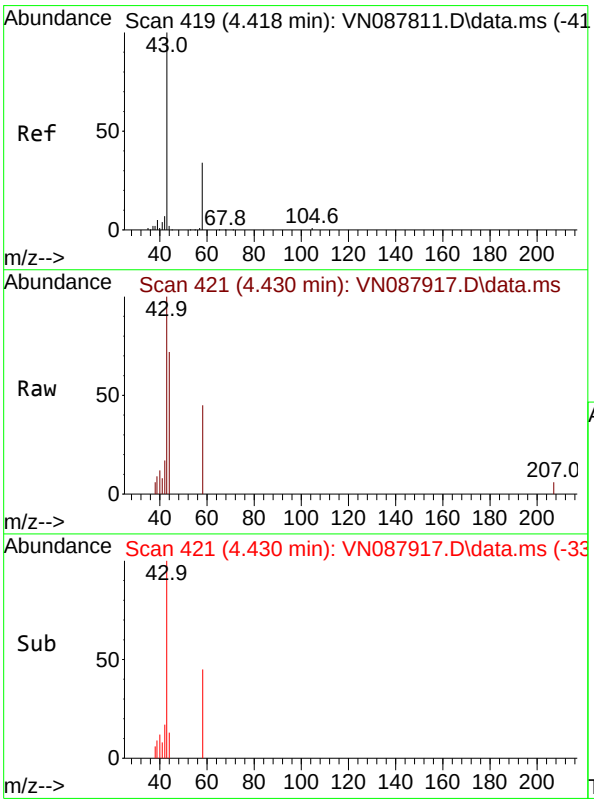
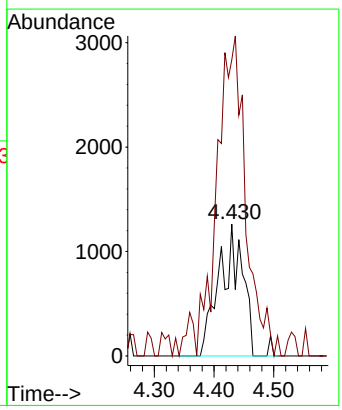
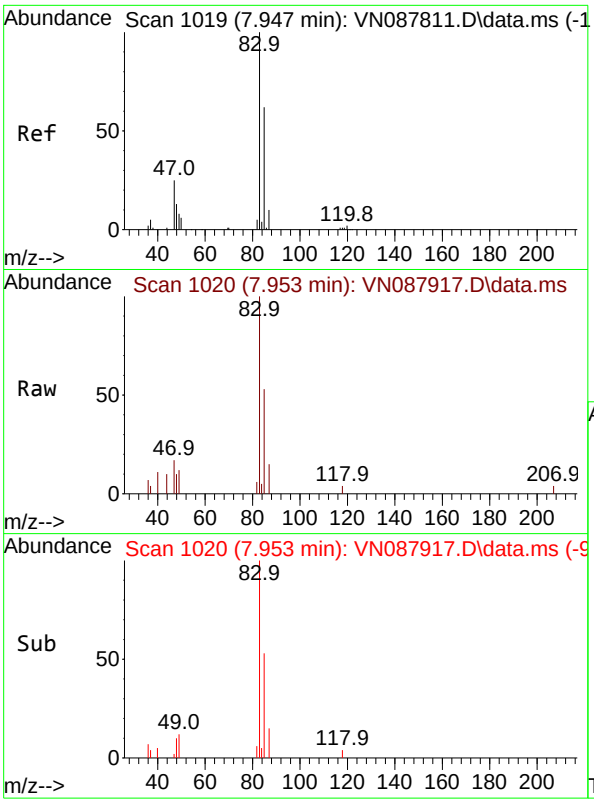


#15
Acetone
Concen: 5.695 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion: 58 Resp: 3457

Ion	Ratio	Lower	Upper
58	100		
43	224.5	250.6	376.0#





#25
Chloroform
Concen: 1.671 ug/l
RT: 7.953 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion: 83 Resp: 1055

Ion	Ratio	Lower	Upper
83	100		
85	52.5	47.7	71.5

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

Manual Integrations
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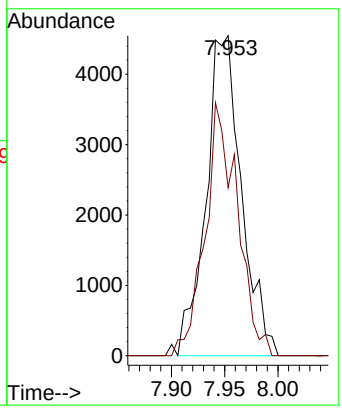
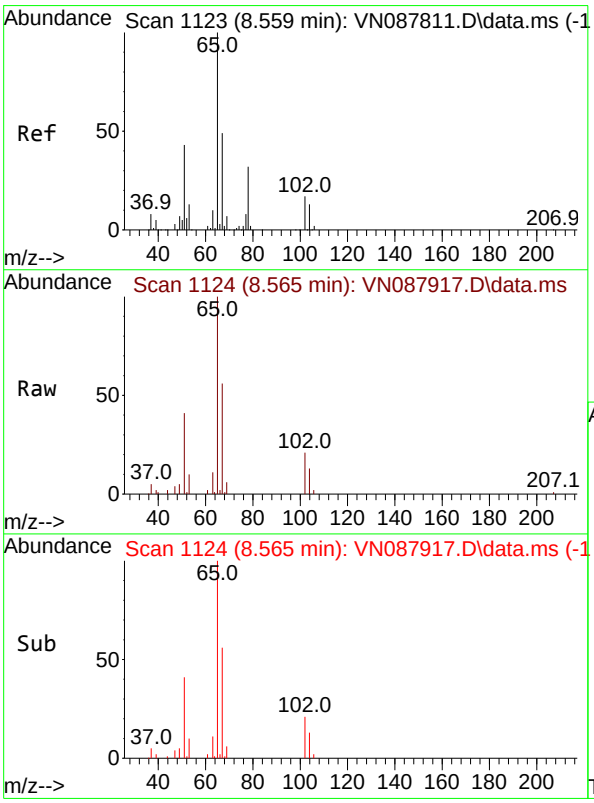
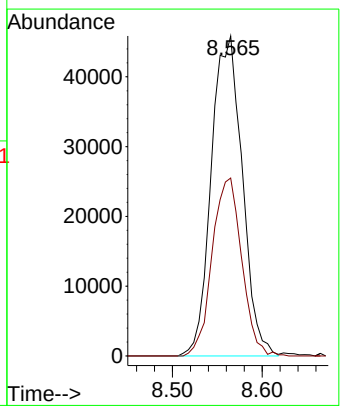


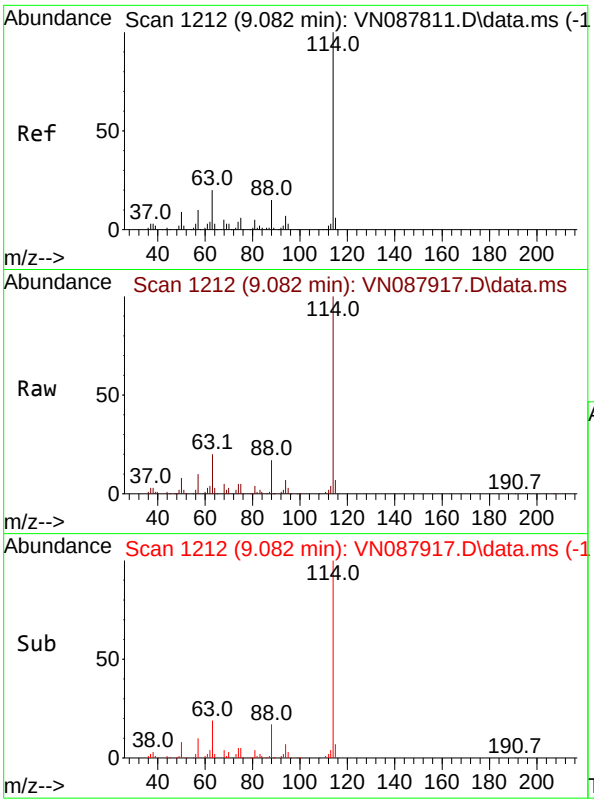


#27
1,2-Dichloroethane-d4
Concen: 26.465 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion: 65 Resp: 109820

Ion	Ratio	Lower	Upper
65	100		
67	52.8	39.6	59.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

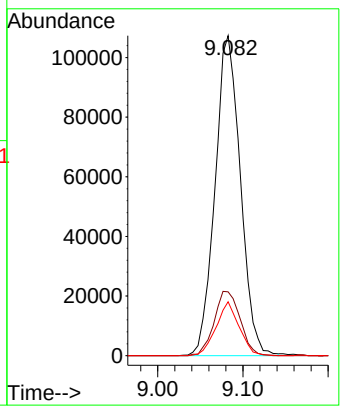
Tgt Ion:114 Resp: 22173

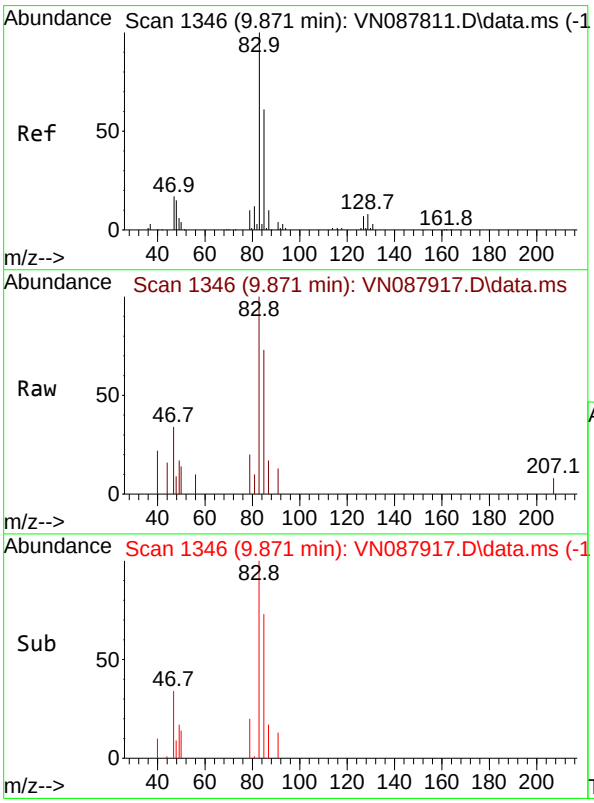
Ion	Ratio	Lower	Upper
114	100		
63	20.6	18.3	27.5
88	15.3	12.4	18.6

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

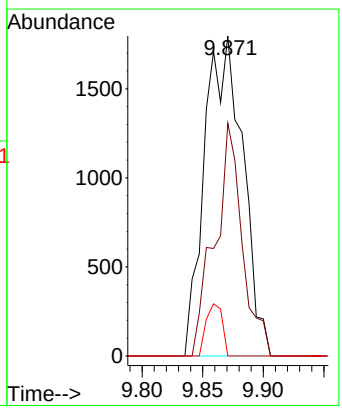


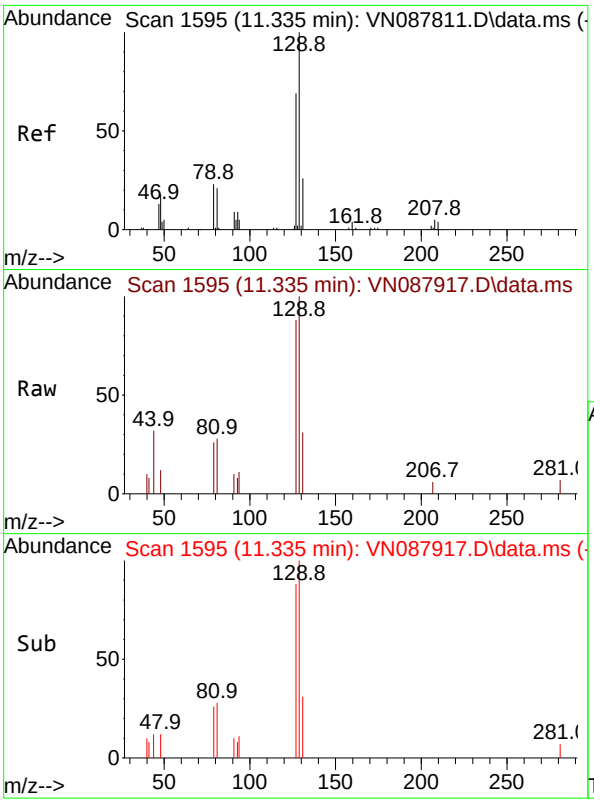


#41
Bromodichloromethane
Concen: 0.870 ug/l m
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion: 83 Resp: 3947

Ion	Ratio	Lower	Upper
83	100		
85	72.7	47.3	70.9#
127	0.0	5.2	7.8#

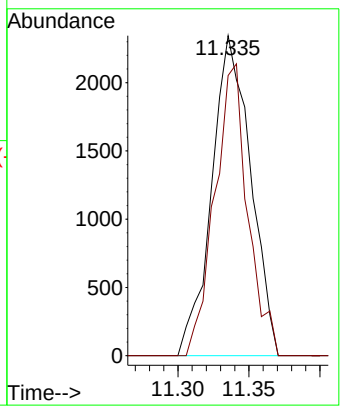




#53
Dibromochloromethane
Concen: 1.391 ug/l
RT: 11.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion:129 Resp: 447

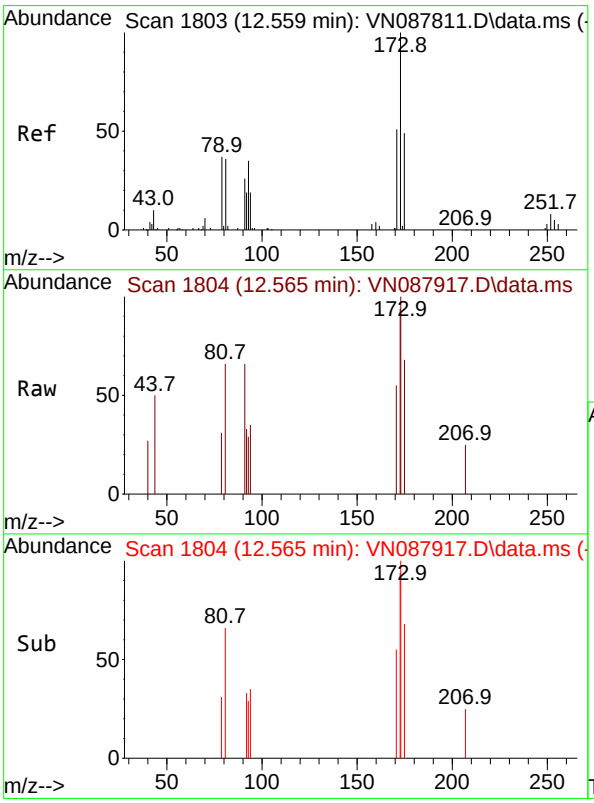
Ion	Ratio	Lower	Upper
129	100		
127	77.3	42.6	128.0



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

Manual Integrations
APPROVED

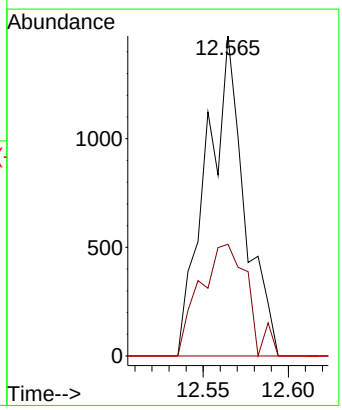
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

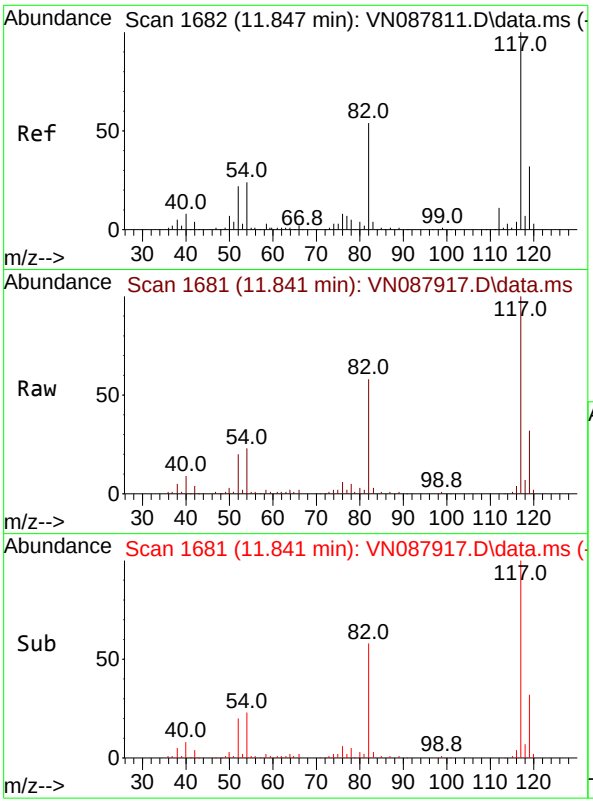


#56
Bromoform
Concen: 1.090 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion:173 Resp: 2288

Ion	Ratio	Lower	Upper
173	100		
175	41.3	39.8	59.6
254	0.0	6.2	9.4#

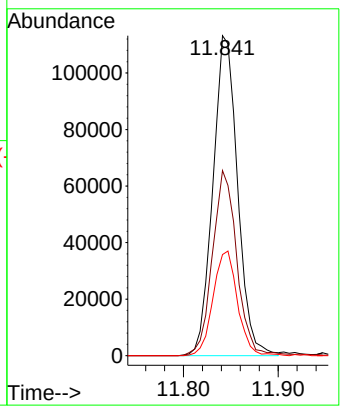




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion:117 Resp: 20534

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.9	68.9
119	32.0	25.3	37.9



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

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Reviewed By :John Carlone 09/23/2025
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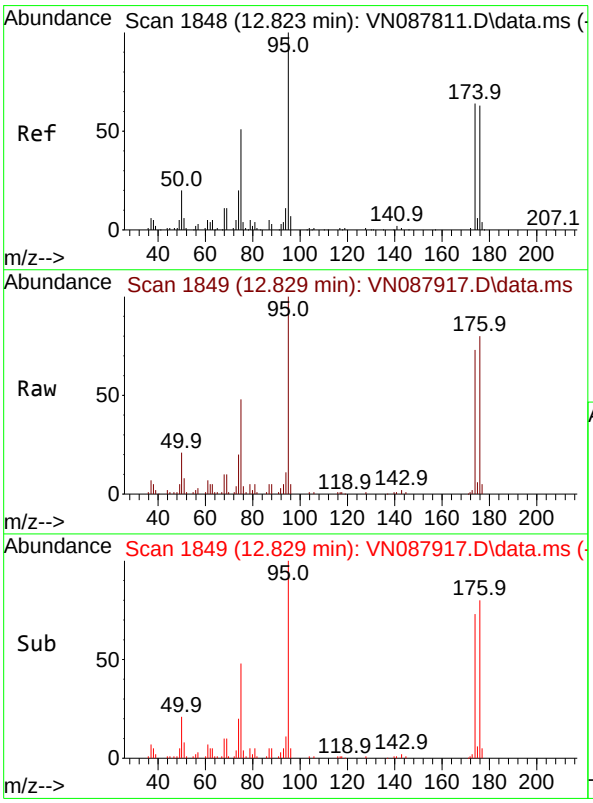
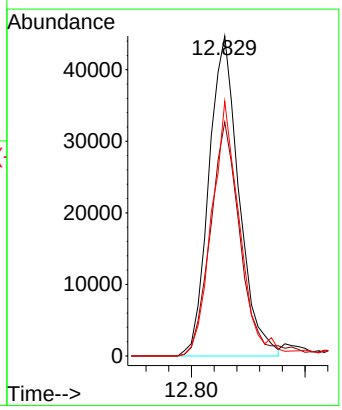
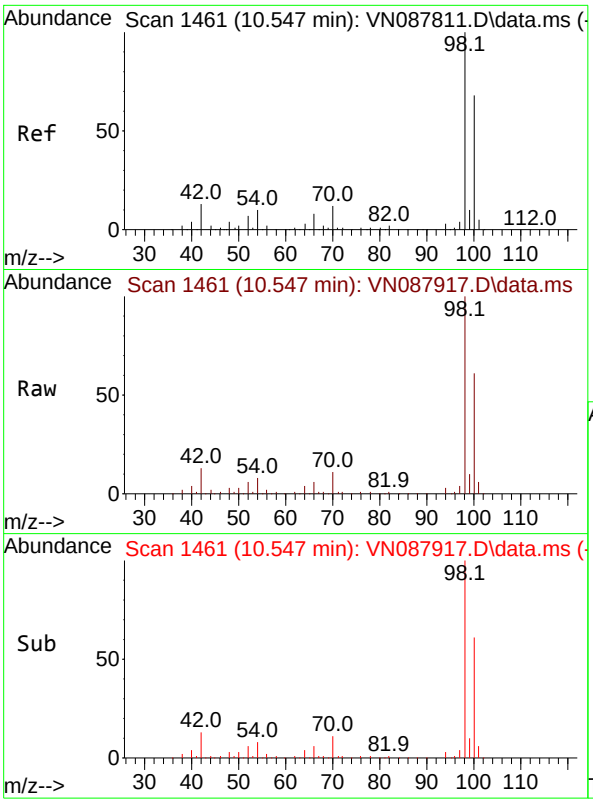


#60
4-Bromofluorobenzene
Concen: 24.848 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion: 95 Resp: 82043

Ion	Ratio	Lower	Upper
95	100		
174	71.1	55.4	83.0
176	72.2	51.5	77.3

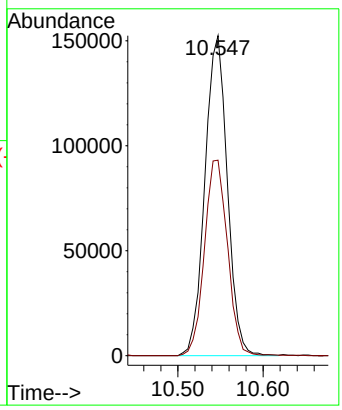




#63
Toluene-d8
Concen: 29.163 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087917.D
Acq: 22 Sep 2025 13:24

Tgt Ion: 98 Resp: 27849

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.6	76.0



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

Manual Integrations
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Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Raw Data: **VN087921.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:	09/18/25
Project:	Transfer Station-SPDES	Date Received:	09/19/25
Client Sample ID:	002 35th Ave(Aug)RE	SDG No.:	Q3149
Lab Sample ID:	Q3149-02RE	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
VN087921.D	1	09/22/25 14:47	VN092225

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	27.0	*	91 - 110	90%	SPK: 30
2037-26-5	Toluene-d8	28.9		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	24.9		63 - 112	83%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	55800	7.8			
540-36-3	1,4-Difluorobenzene	260000	9.088			
3114-55-4	Chlorobenzene-d5	240000	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\VN092225\
Data File : VN087921.D
Acq On : 22 Sep 2025 14:47
Operator : JC\MD
Sample : Q3149-02RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 23 04:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	55847	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	260070	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	239586	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	128722	26.982	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.933%#		
60) 4-Bromofluorobenzene	12.829	95	95868	24.886	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.967%		
63) Toluene-d8	10.547	98	322465	28.941	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.467%		
Target Compounds						Qvalue
15) Acetone	4.424	58	3012m	4.316	ug/l	
25) Chloroform	7.953	83	11284	1.555	ug/l	98
41) Bromodichloromethane	9.876	83	3527	0.663	ug/l #	81
53) Dibromochloromethane	11.329	129	4252	1.128	ug/l	89
56) Bromoform	12.553	173	2183	0.887	ug/l #	60

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087921.D
Acq On : 22 Sep 2025 14:47
Operator : JC\MD
Sample : Q3149-02RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 23 04:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
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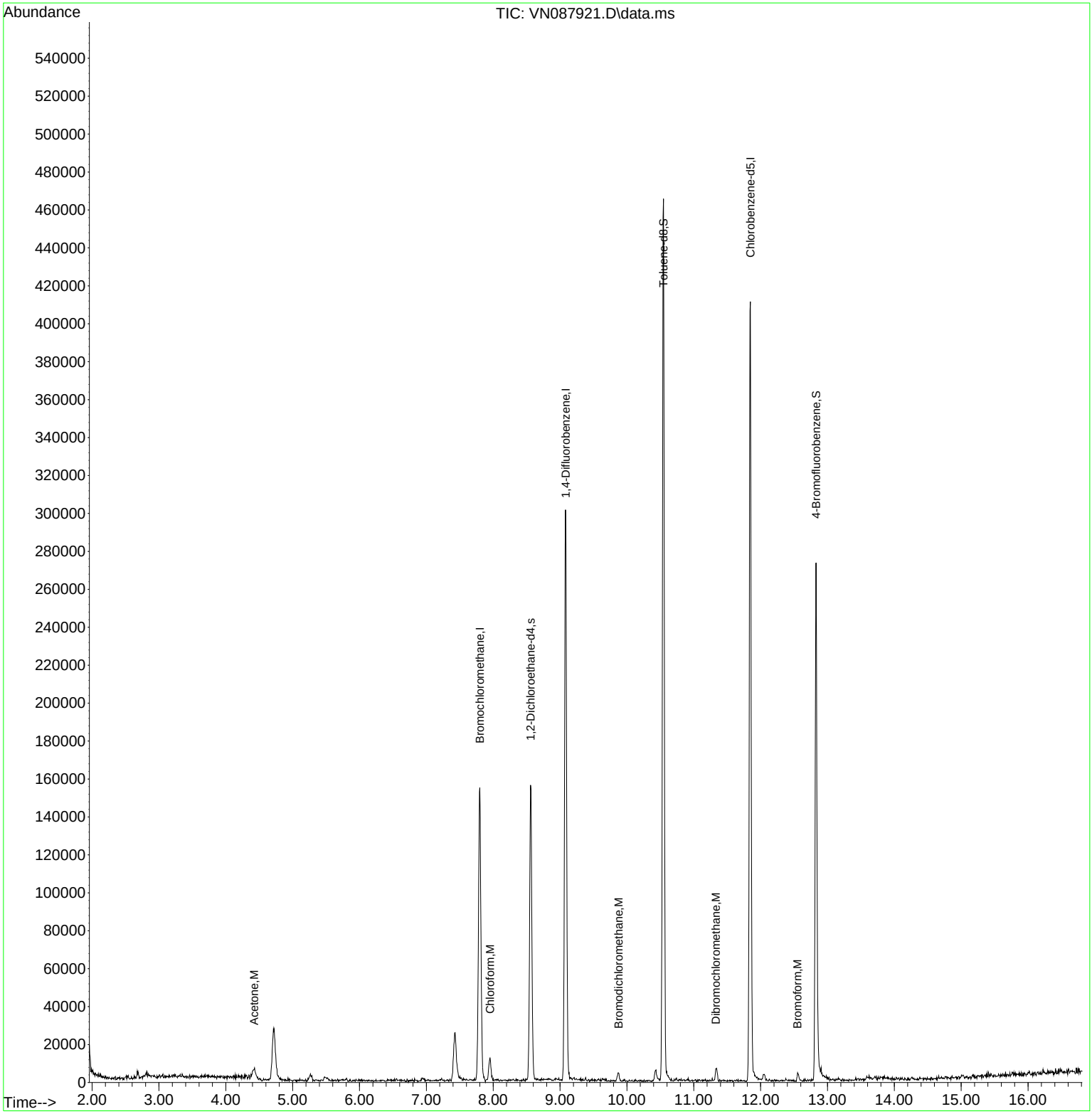
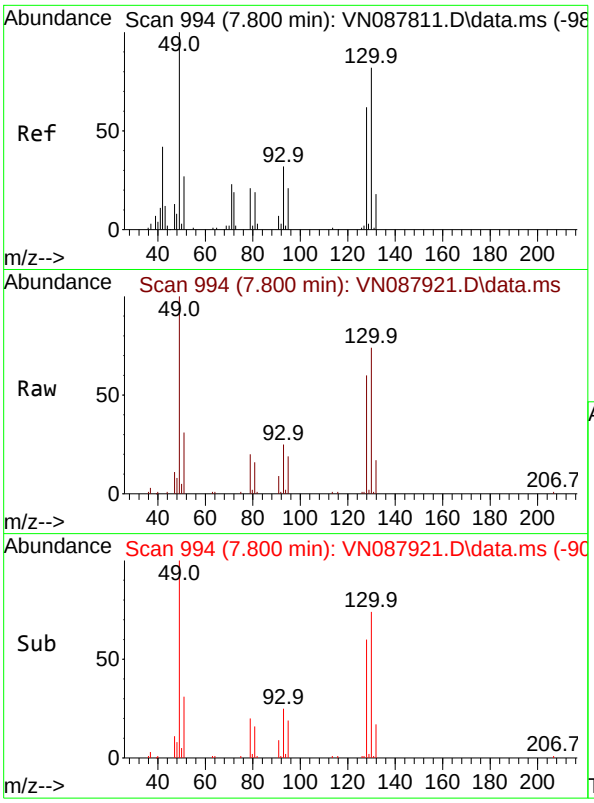
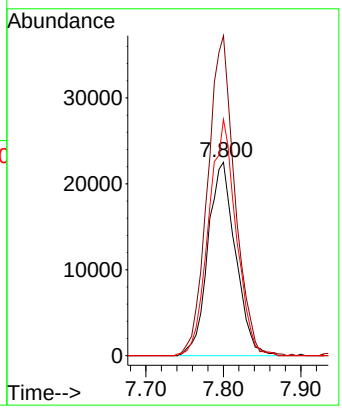




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion:128 Resp: 5584

Ion	Ratio	Lower	Upper
128	100		
49	162.4	0.0	464.3
130	121.4	0.0	300.5



Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

Manual Integrations
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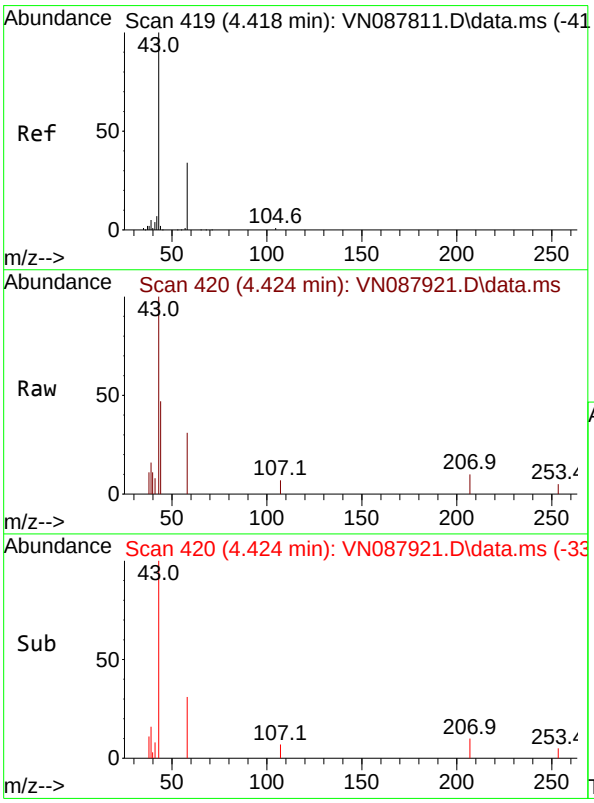
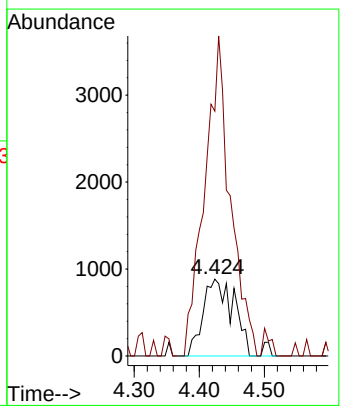
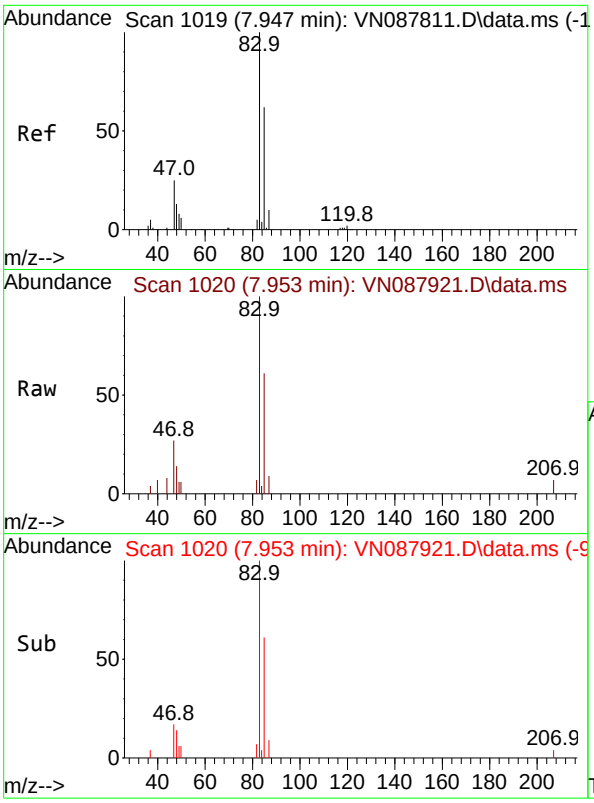


#15
Acetone
Concen: 4.316 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 58 Resp: 3012

Ion	Ratio	Lower	Upper
58	100		
43	318.6	250.6	376.0





#25
Chloroform
Concen: 1.555 ug/l
RT: 7.953 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 83 Resp: 1128

Ion	Ratio	Lower	Upper
83	100		
85	61.3	47.7	71.5

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

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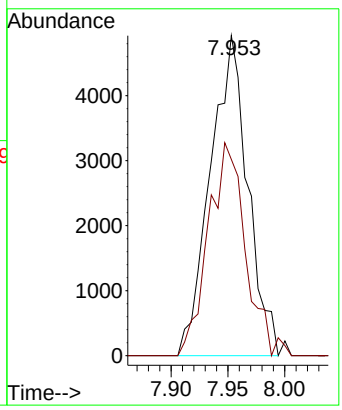
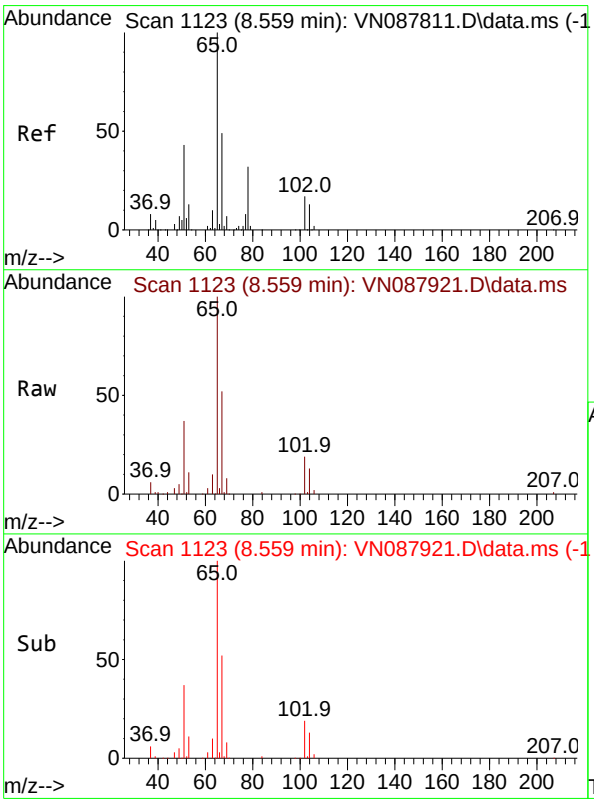
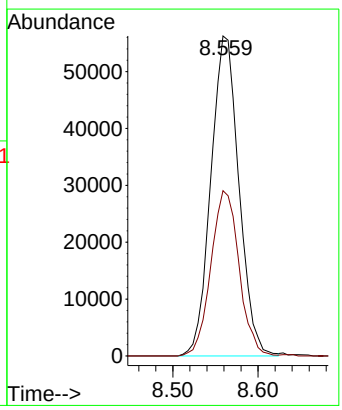


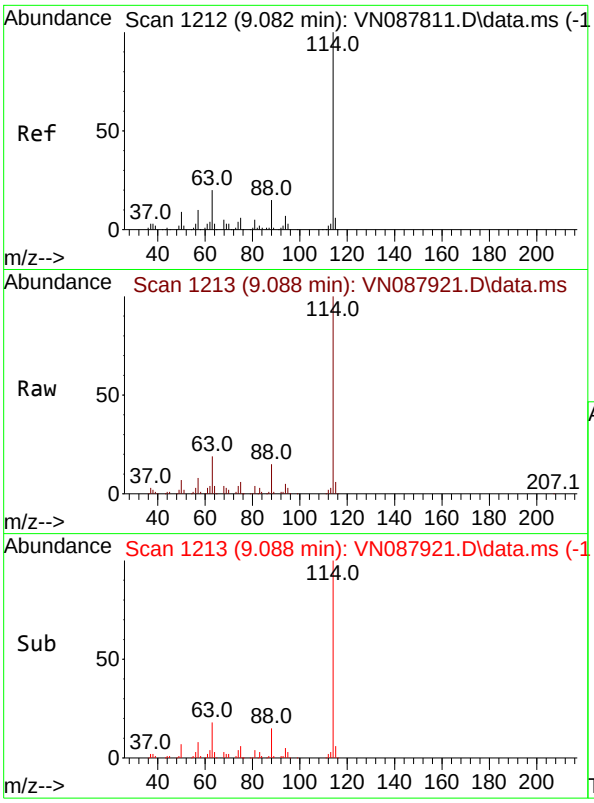


#27
1,2-Dichloroethane-d4
Concen: 26.982 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 65 Resp: 128722

Ion	Ratio	Lower	Upper
65	100		
67	51.8	39.6	59.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion:114 Resp: 26007

Ion	Ratio	Lower	Upper
114	100		
63	20.8	18.3	27.5
88	15.0	12.4	18.6

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

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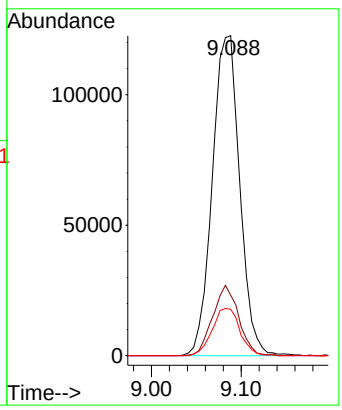
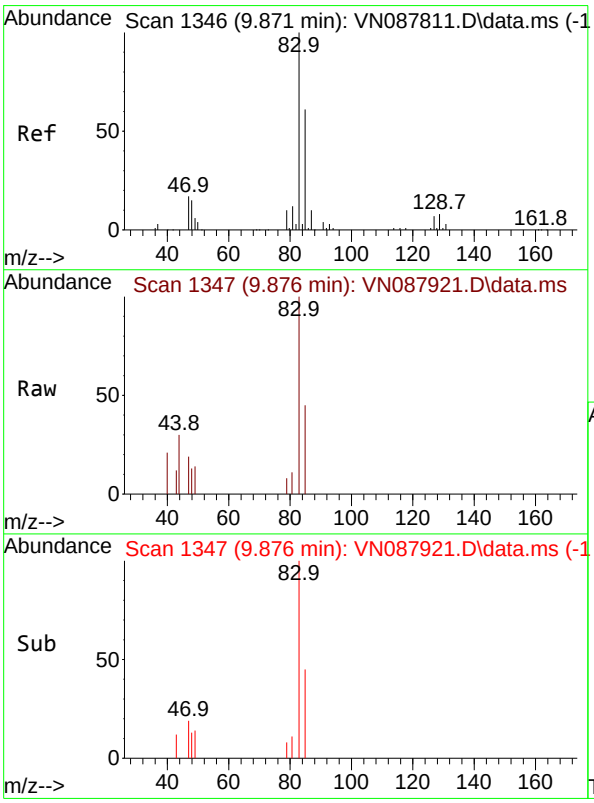
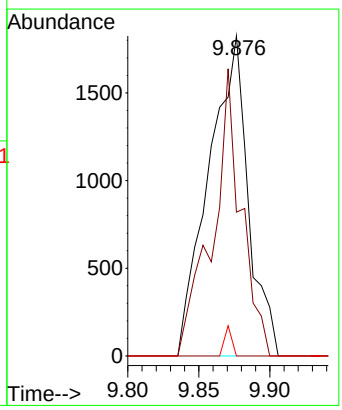


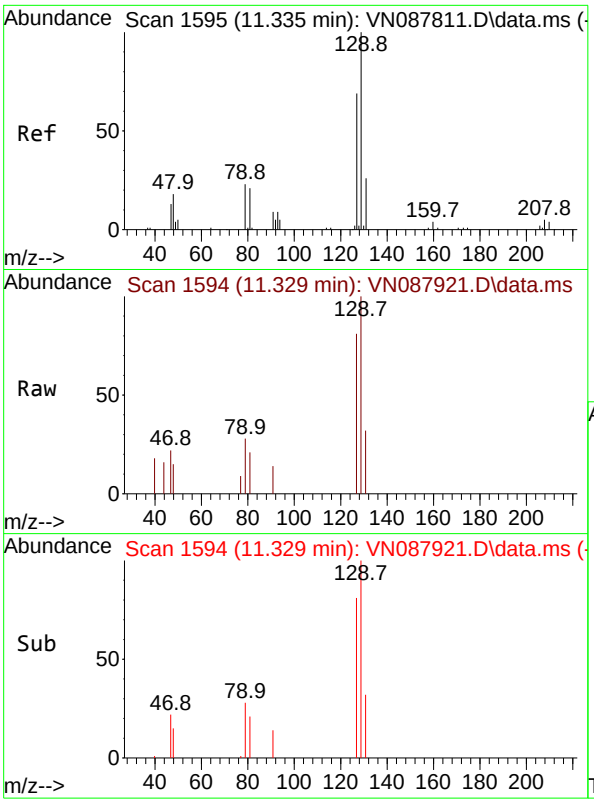


#41
Bromodichloromethane
Concen: 0.663 ug/l
RT: 9.876 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 83 Resp: 3527

Ion	Ratio	Lower	Upper
83	100		
85	44.9	47.3	70.9#
127	0.0	5.2	7.8#





#53
Dibromochloromethane
Concen: 1.128 ug/l
RT: 11.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion:129 Resp: 425

Ion	Ratio	Lower	Upper
129	100		
127	75.4	42.6	128.0

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

Manual Integrations
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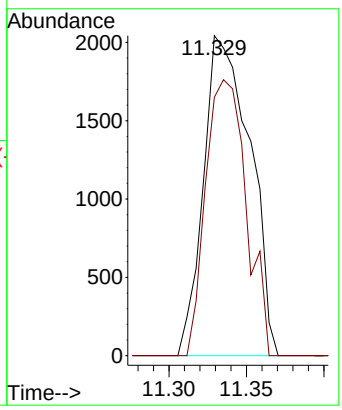
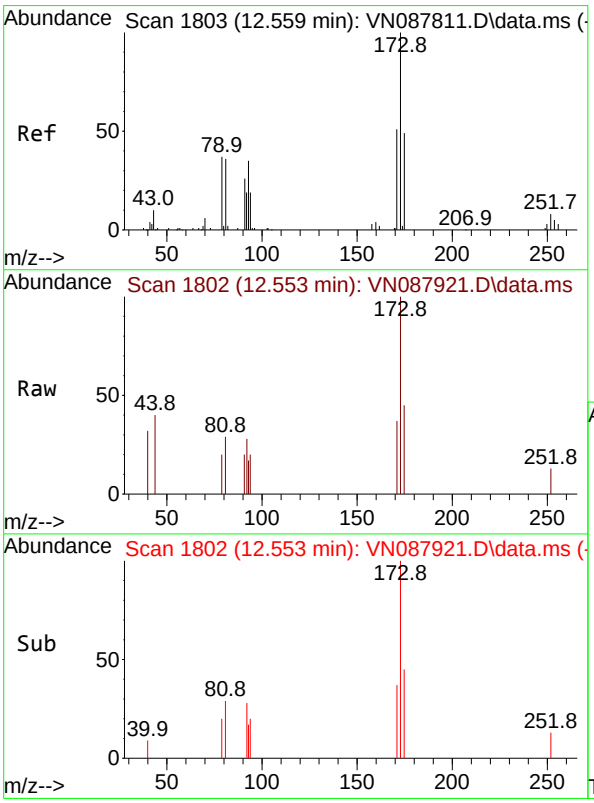
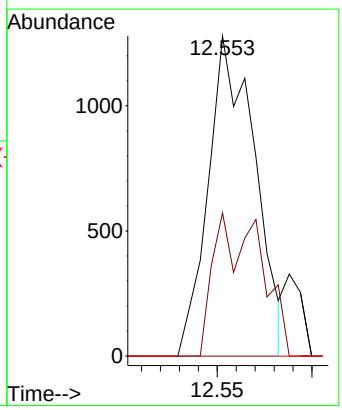


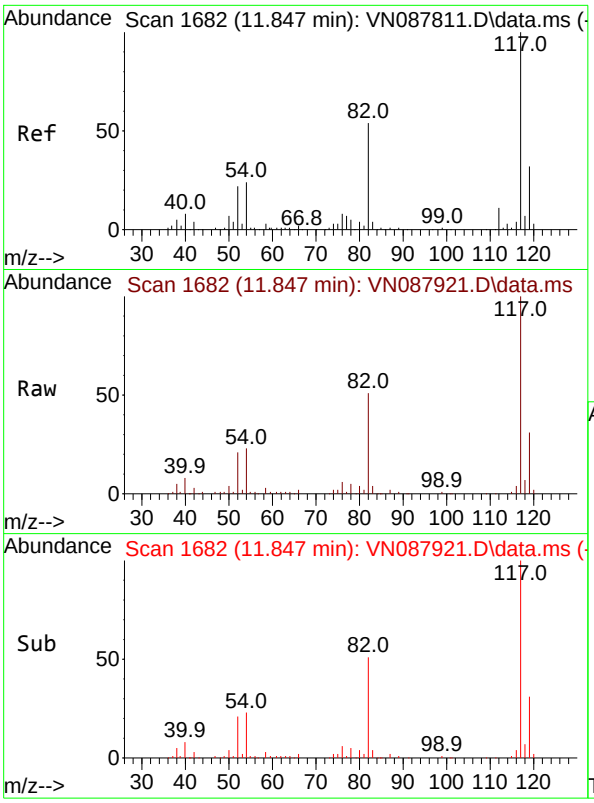


#56
Bromoform
Concen: 0.887 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion:173 Resp: 2183

Ion	Ratio	Lower	Upper
173	100		
175	20.5	39.8	59.6#
254	0.0	6.2	9.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion:117 Resp: 23958

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.9	68.9
119	31.9	25.3	37.9

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

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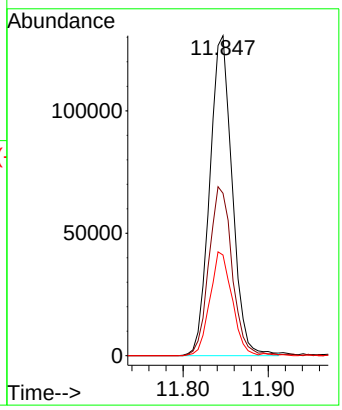
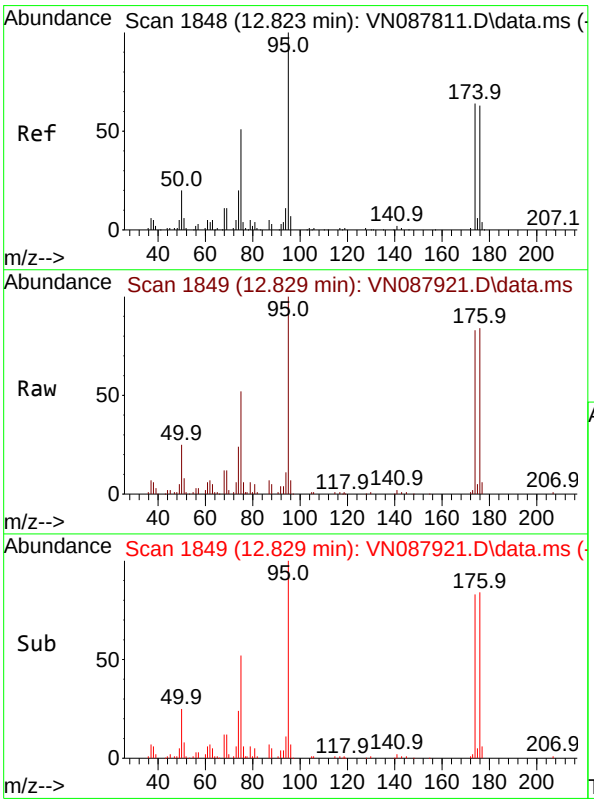
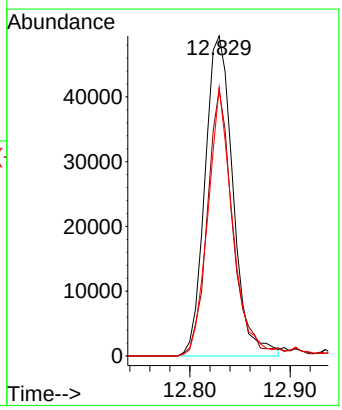


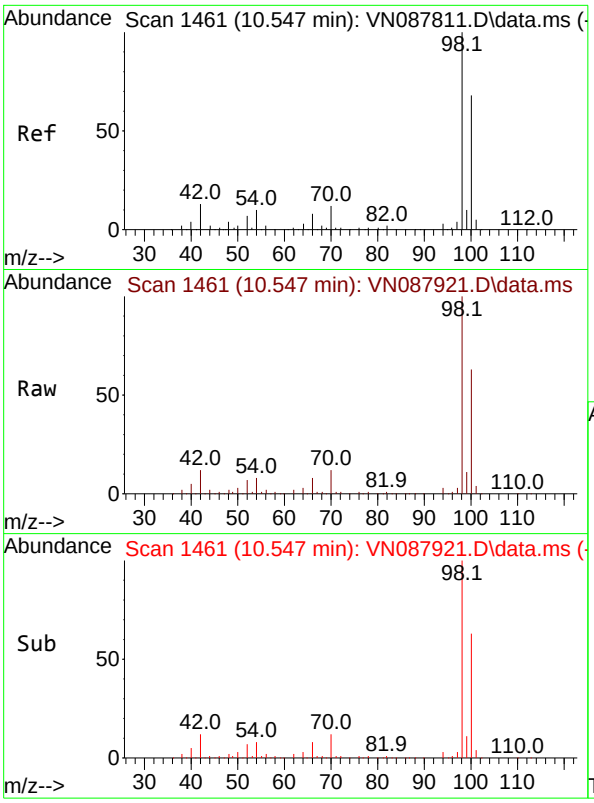


#60
4-Bromofluorobenzene
Concen: 24.886 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 95 Resp: 95868

Ion	Ratio	Lower	Upper
95	100		
174	74.6	55.4	83.0
176	73.8	51.5	77.3

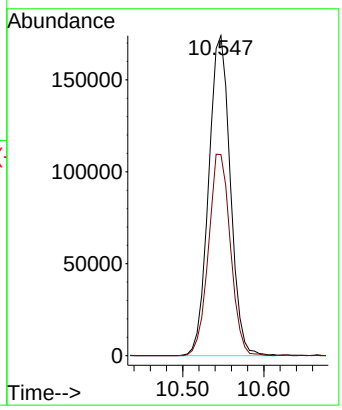




#63
Toluene-d8
Concen: 28.941 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087921.D
Acq: 22 Sep 2025 14:47

Tgt Ion: 98 Resp: 32246

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.6	76.0



Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)RE

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

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.: Q3149

Instrument ID: MSVOA_N Calibration Date(s): 09/04/2025 09/04/2025

Heated Purge: (Y/N) N Calibration Time(s): 16:23 17:46

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

LAB FILE ID: RRF005 = VN087725.D RRF020 = VN087726.D RRF050 = VN087727.D
RRF100 = VN087728.D RRF150 = VN087729.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Benzene	1.514	1.442	1.630	1.657	1.636		1.576	5.9
Toluene	1.705	1.673	1.868	1.935	1.893		1.815	6.5
Ethyl Benzene	1.736	1.744	2.042	2.145	2.122		1.958	10.3
m/p-Xylenes	0.629	0.642	0.776	0.800	0.785		0.727	11.5
o-Xylene	0.603	0.639	0.731	0.774	0.776		0.705	11.2
1,2-Dichloroethane-d4	2.618	2.509	2.604	2.499	2.583		2.563	2.2
Toluene-d8	1.403	1.411	1.392	1.402	1.369		1.395	1.2
4-Bromofluorobenzene	0.454	0.489	0.475	0.501	0.492		0.482	3.8

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N090425W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Sep 05 03:29:53 2025
Response Via : Initial Calibration

Calibration Files
5 =VN087725.D 20 =VN087726.D 50 =VN087727.D 100 =VN087728.D 150 =VN087729.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	1.642	1.750	2.035	2.008	1.888	1.865	9.01
3)	M	Chloromethane	1.939	1.792	2.026	2.037	1.992	1.957	5.12
4)	M	Vinyl Chloride	2.110	2.001	2.388	2.315	2.249	2.213	7.09
5)	M	Bromomethane	1.293	1.108	1.325	1.377	1.387	1.298	8.72
6)	M	Chloroethane	1.599	1.358	1.577	1.521	1.506	1.512	6.25
7)	M	Trichlorofluorom...	3.241	2.904	3.445	3.355	3.271	3.243	6.34
8)	T	Diethyl Ether	1.457	1.168	1.441	1.379	1.403	1.370	8.52
9)		1,1,2-Trichlorot...	1.776	1.591	1.904	1.779	1.733	1.757	6.40
10)	M	1,1-Dichloroethene	1.836	1.575	1.915	1.883	1.846	1.811	7.50
11)		Methyl Iodide	0.809	0.935	1.355	1.579	1.732	1.282	31.21
12)		Methyl Acetate	2.516	2.540	2.953	2.978	2.972	2.792	8.63
13)	M	Acrolein	0.523	0.431	0.496	0.518	0.518	0.497	7.67
14)	M	Acrylonitrile	1.167	1.051	1.253	1.274	1.263	1.202	7.87
15)	M	Acetone	0.487	0.319	0.366	0.355	0.349	0.375	17.29
16)	M	Carbon Disulfide	4.965	4.353	5.190	5.135	5.219	4.972	7.24
17)		Allyl chloride	3.004	2.541	3.014	3.085	3.147	2.958	8.13
18)	M	Methylene Chloride	2.174	1.759	2.150	2.090	2.084	2.052	8.19
19)	M	trans-1,2-Dichlo...	1.709	1.652	1.947	1.965	1.962	1.847	8.31
20)	T	Diisopropyl ether	6.079	5.922	7.317	7.335	7.360	6.802	10.80
21)	M	1,1-Dichloroethane	3.750	3.277	3.899	3.878	3.823	3.725	6.90
22)	M	cis-1,2-Dichloro...	2.078	1.988	2.367	2.370	2.406	2.242	8.64
23)	M	tert-Butyl Alcohol	0.422	0.383	0.436	0.436	0.448	0.425	5.94
24)	M	Methyl tert-Buty...	5.787	5.537	6.897	6.968	7.139	6.466	11.51
25)	M	Chloroform	3.785	3.484	4.143	4.049	4.035	3.899	6.85
26)		Cyclohexane	2.568	2.447	3.169	3.015	2.984	2.837	10.98
27)	s	1,2-Dichloroetha...	2.618	2.509	2.604	2.499	2.583	2.563	2.15
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.462	0.448	0.506	0.516	0.505	0.488	6.20
30)	M	2-Butanone	0.348	0.303	0.339	0.348	0.342	0.336	5.65
31)		2,2-Dichloropropane	0.613	0.495	0.606	0.616	0.609	0.588	8.81
32)	M	1,1,1-Trichloroe...	0.599	0.582	0.635	0.647	0.628	0.618	4.35
33)	M	Carbon Tetrachlo...	0.526	0.466	0.530	0.533	0.522	0.515	5.45
34)	M	Benzene	1.514	1.442	1.630	1.657	1.636	1.576	5.91
35)		Methacrylonitrile	0.313	0.344	0.357	0.377	0.365	0.351	6.95
36)	M	1,2-Dichloroethane	0.595	0.554	0.609	0.618	0.600	0.595	4.15
37)	M	Trichloroethene	0.352	0.323	0.364	0.366	0.357	0.352	4.96
38)		Methylcyclohexane	0.523	0.476	0.561	0.576	0.548	0.537	7.24
39)	M	1,2-Dichloropropane	0.394	0.374	0.407	0.428	0.415	0.404	5.03
40)		Dibromomethane	0.301	0.275	0.307	0.315	0.304	0.300	5.06
41)	M	Bromodichloromet...	0.612	0.570	0.616	0.647	0.624	0.614	4.54
42)	M	Vinyl Acetate	1.035	1.002	1.168	1.220	1.186	1.122	8.64
43)		Ethyl Acetate	0.673	0.647	0.704	0.704	0.703	0.686	3.78
44)		Isopropyl Acetate	0.957	0.995	1.115	1.175	1.137	1.076	8.78
45)	T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	7.51
46)		Methyl methacrylate	0.457	0.443	0.514	0.544	0.521	0.496	8.79
47)		n-amyl Acetate	0.748	0.518	0.763	0.791	0.816	0.727	16.47
48)	M	t-1,3-Dichloropr...	0.594	0.556	0.653	0.696	0.689	0.638	9.53
49)	T	cis-1,3-Dichloro...	0.607	0.566	0.678	0.712	0.702	0.653	9.73
50)	M	1,1,2-Trichloroe...	0.388	0.354	0.399	0.401	0.398	0.388	5.07
51)		Ethyl methacrylate	0.434	0.513	0.662	0.703	0.706	0.604	20.43
52)		1,3-Dichloropropane	0.636	0.623	0.694	0.719	0.695	0.674	6.16
53)	M	Dibromochloromet...	0.420	0.369	0.454	0.468	0.464	0.435	9.54
54)	M	1,2-Dibromoethane	0.386	0.363	0.421	0.423	0.425	0.404	6.91
55)	M	2-Chloroethyl vi...	0.310	0.319	0.339	0.377	0.384	0.346	9.67
56)	M	Bromoform	0.265	0.242	0.289	0.312	0.313	0.284	10.82

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N090425W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.666	0.655	0.734	0.754	0.738	0.709	6.43
59)	M	2-Hexanone	0.334	0.419	0.508	0.533	0.523	0.464	18.40
60)	S	4-Bromofluoroben...	0.454	0.489	0.475	0.501	0.492	0.482	3.78
61)	M	Tetrachloroethene	0.312	0.279	0.297	0.306	0.300	0.299	4.22
62)	M	Toluene	1.705	1.673	1.868	1.935	1.893	1.815	6.50
63)	S	Toluene-d8	1.403	1.411	1.392	1.402	1.369	1.395	1.16
64)	M	Chlorobenzene	1.063	1.006	1.127	1.191	1.182	1.114	7.10
65)		1,1,1,2-Tetrachl...	0.395	0.354	0.399	0.411	0.401	0.392	5.66
66)	M	Ethyl Benzene	1.736	1.744	2.042	2.145	2.122	1.958	10.34
67)	M	m/p-Xylenes	0.629	0.642	0.776	0.800	0.785	0.727	11.50
68)	M	o-Xylene	0.603	0.639	0.731	0.774	0.776	0.705	11.24
69)	M	Styrene	0.997	1.076	1.311	1.375	1.364	1.225	14.33
70)		Isopropylbenzene	1.538	1.555	1.896	1.984	1.960	1.787	12.39
71)	M	1,1,2,2-Tetrachl...	0.616	0.605	0.666	0.670	0.655	0.642	4.63
72)		1,2,3-Trichlorop...	0.672	0.640	0.612	0.625	0.605	0.631	4.26
73)		Bromobenzene	0.429	0.393	0.442	0.464	0.457	0.437	6.40
74)		n-propylbenzene	1.942	2.018	2.404	2.485	2.423	2.254	11.26
75)		2-Chlorotoluene	1.178	1.243	1.456	1.465	1.442	1.357	10.00
76)		1,3,5-Trimethylb...	1.292	1.352	1.616	1.666	1.617	1.509	11.46
77)		t-1,4-Dichloro-2...	0.155	0.182	0.224	0.247	0.257	0.213	20.35
78)		4-Chlorotoluene	1.091	1.260	1.493	1.505	1.490	1.368	13.57
79)		tert-butylbenzene	1.073	1.133	1.357	1.393	1.360	1.263	11.75
80)		1,2,4-Trimethylb...	1.292	1.405	1.677	1.697	1.663	1.547	12.01
81)		sec-Butylbenzene	1.629	1.677	1.986	2.034	1.966	1.858	10.21
82)		p-Isopropyltoluene	1.311	1.361	1.655	1.693	1.637	1.531	11.78
83)	M	1,3-Dichlorobenzene	0.762	0.789	0.888	0.900	0.874	0.843	7.45
84)	M	1,4-Dichlorobenzene	0.778	0.776	0.895	0.908	0.867	0.845	7.52
85)		n-Butylbenzene	1.249	1.282	1.609	1.636	1.583	1.472	12.88
86)	T	Hexachloroethane	0.287	0.286	0.328	0.330	0.324	0.311	7.24
87)	M	1,2-Dichlorobenzene	0.718	0.733	0.839	0.855	0.828	0.795	8.07
88)		1,2-Dibromo-3-Ch...	0.123	0.139	0.146	0.154	0.152	0.143	8.87
89)		1,2,4-Trichlorob...	0.410	0.400	0.471	0.491	0.488	0.452	9.70
90)		Hexachlorobutadiene	0.146	0.146	0.155	0.160	0.152	0.152	3.95
91)	M	Naphthalene	1.306	1.443	1.764	1.891	1.918	1.664	16.54
92)		1,2,3-Trichlorob...	0.410	0.400	0.471	0.491	0.488	0.452	9.70

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087725.D
Acq On : 04 Sep 2025 16:23
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 05 02:55:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	42575	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	216859	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	197903	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	111481	29.081	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.933%				
60) 4-Bromofluorobenzene	12.829	95	89929	26.721	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.067%				
63) Toluene-d8	10.547	98	277568	30.356	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	11648	4.330	ug/l		98
3) Chloromethane	2.383	50	13757	5.010	ug/l		97
4) Vinyl Chloride	2.542	62	14969	5.086	ug/l		96
5) Bromomethane	2.977	94	9176	5.656	ug/l	#	80
6) Chloroethane	3.136	64	11348	5.889	ug/l		95
7) Trichlorofluoromethane	3.512	101	22997	5.390	ug/l		92
8) Diethyl Ether	3.965	74	10337m	5.839	ug/l		
9) 1,1,2-Trichlorotrifluo...	4.371	101	12605m	5.679	ug/l		
10) 1,1-Dichloroethene	4.330	96	13028	5.695	ug/l	#	69
11) Methyl Iodide	4.594	142	5738m	3.195	ug/l		
12) Methyl Acetate	5.024	43	17852	4.306	ug/l		99
13) Acrolein	4.183	56	18545	28.610	ug/l	#	68
14) Acrylonitrile	5.712	53	41406	23.088	ug/l		66
15) Acetone	4.418	58	17262m	33.931	ug/l		
16) Carbon Disulfide	4.694	76	35228	5.033	ug/l		97
17) Allyl chloride	5.012	41	21319m	4.722	ug/l		
18) Methylene Chloride	5.265	84	15429	5.346	ug/l		94
19) trans-1,2-Dichloroethene	5.771	96	12127m	4.541	ug/l		
20) Diisopropyl ether	6.659	45	43135	4.193	ug/l	#	97
21) 1,1-Dichloroethane	6.553	63	26606	4.973	ug/l		95
22) cis-1,2-Dichloroethene	7.477	96	14747	4.514	ug/l		91
23) tert-Butyl Alcohol	5.524	59	14989m	20.107	ug/l		
24) Methyl tert-Butyl Ether	5.777	73	41065m	4.097	ug/l		
25) Chloroform	7.947	83	26857	4.769	ug/l		89
26) Cyclohexane	8.241	56	18224	4.308	ug/l	#	95
29) 1,1-Dichloropropene	8.347	75	16714	4.808	ug/l		81
30) 2-Butanone	7.471	43	62809	24.948	ug/l		94
31) 2,2-Dichloropropane	7.482	77	22147m	5.085	ug/l		
32) 1,1,1-Trichloroethane	8.147	97	21664	4.859	ug/l		97
33) Carbon Tetrachloride	8.347	117	18997	5.178	ug/l		91
34) Benzene	8.588	78	54727	4.965	ug/l	#	82
35) Methacrylonitrile	7.765	41	11323	4.140	ug/l		82
36) 1,2-Dichloroethane	8.647	62	21499	4.893	ug/l	#	88
37) Trichloroethene	9.335	130	12724	5.242	ug/l		91
38) Methylcyclohexane	9.582	83	18908	4.768	ug/l		96
39) 1,2-Dichloropropane	9.600	63	14250	5.045	ug/l		94
40) Dibromomethane	9.688	93	10862	5.143	ug/l		97
41) Bromodichloromethane	9.871	83	22133	5.018	ug/l		96
42) Vinyl Acetate	6.594	43	187082	22.588	ug/l	#	92

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087725.D
Acq On : 04 Sep 2025 16:23
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 05 02:55:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Ethyl Acetate	7.553	43	24321	4.902 ug/l		98
44) Isopropyl Acetate	8.677	43	34598	4.192 ug/l	#	73
45) 1,4-Dioxane	9.688	88	4349	82.302 ug/l	#	52
46) Methyl methacrylate	9.665	41	16516m	4.275 ug/l		
47) n-amyl Acetate	12.900	43	27025m	5.631 ug/l		
48) t-1,3-Dichloropropene	10.812	75	21459	4.564 ug/l		93
49) cis-1,3-Dichloropropene	10.288	75	21937	4.623 ug/l	#	93
50) 1,1,2-Trichloroethane	10.994	97	14010	5.222 ug/l	#	91
51) Ethyl methacrylate	10.859	69	15678	3.425 ug/l		96
52) 1,3-Dichloropropane	11.141	76	23001	4.782 ug/l		100
53) Dibromochloromethane	11.335	129	15190	4.974 ug/l		86
54) 1,2-Dibromoethane	11.447	107	13958	4.937 ug/l		97
55) 2-Chloroethyl vinyl ether	10.141	63	55971	22.629 ug/l		96
56) Bromoform	12.559	173	9575	4.732 ug/l	#	94
58) 4-Methyl-2-Pentanone	10.429	43	109790	22.421 ug/l		99
59) 2-Hexanone	11.182	43	55125	16.623 ug/l		100
61) Tetrachloroethene	11.082	164	10301	5.392 ug/l		92
62) Toluene	10.606	91	56231	4.722 ug/l		99
64) Chlorobenzene	11.870	112	35078	4.801 ug/l		94
65) 1,1,1,2-Tetrachloroethane	11.941	131	13029	5.065 ug/l		95
66) Ethyl Benzene	11.947	91	57255	4.362 ug/l		94
67) m/p-Xylenes	12.047	106	41515	8.594 ug/l		97
68) o-Xylene	12.376	106	19899	4.176 ug/l		87
69) Styrene	12.388	104	32885	4.057 ug/l		99
70) Isopropylbenzene	12.676	105	50734	4.232 ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.917	83	20319	4.858 ug/l		100
72) 1,2,3-Trichloropropane	12.976	75	22173m	5.682 ug/l		
73) Bromobenzene	12.964	156	14160	4.997 ug/l		93
74) n-propylbenzene	13.012	91	64047	4.247 ug/l		97
75) 2-Chlorotoluene	13.100	91	38851	4.188 ug/l		97
76) 1,3,5-Trimethylbenzene	13.153	105	42622	4.143 ug/l		99
77) t-1,4-Dichloro-2-butene	12.723	75	5106	3.485 ug/l		92
78) 4-Chlorotoluene	13.200	91	35970	3.810 ug/l		99
79) tert-butylbenzene	13.417	119	35406	4.085 ug/l		96
80) 1,2,4-Trimethylbenzene	13.459	105	42618	4.107 ug/l		98
81) sec-Butylbenzene	13.594	105	53746	4.253 ug/l		99
82) p-Isopropyltoluene	13.706	119	43232	4.132 ug/l		97
83) 1,3-Dichlorobenzene	13.712	146	25121	4.627 ug/l		95
84) 1,4-Dichlorobenzene	13.794	146	25650	4.693 ug/l		95
85) n-Butylbenzene	14.029	91	41201	4.055 ug/l		99
86) Hexachloroethane	14.311	117	9454	4.553 ug/l		98
87) 1,2-Dichlorobenzene	14.082	146	23694	4.602 ug/l		94
88) 1,2-Dibromo-3-Chloropr...	14.700	75	4041m	3.875 ug/l		
89) 1,2,4-Trichlorobenzene	15.811	180	13520	4.443 ug/l		93
90) Hexachlorobutadiene	15.470	225	4812	4.125 ug/l		90
91) Naphthalene	15.617	128	43072	3.756 ug/l	#	91
92) 1,2,3-Trichlorobenzene	15.811	180	13520	4.443 ug/l		93

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

ICAL Form

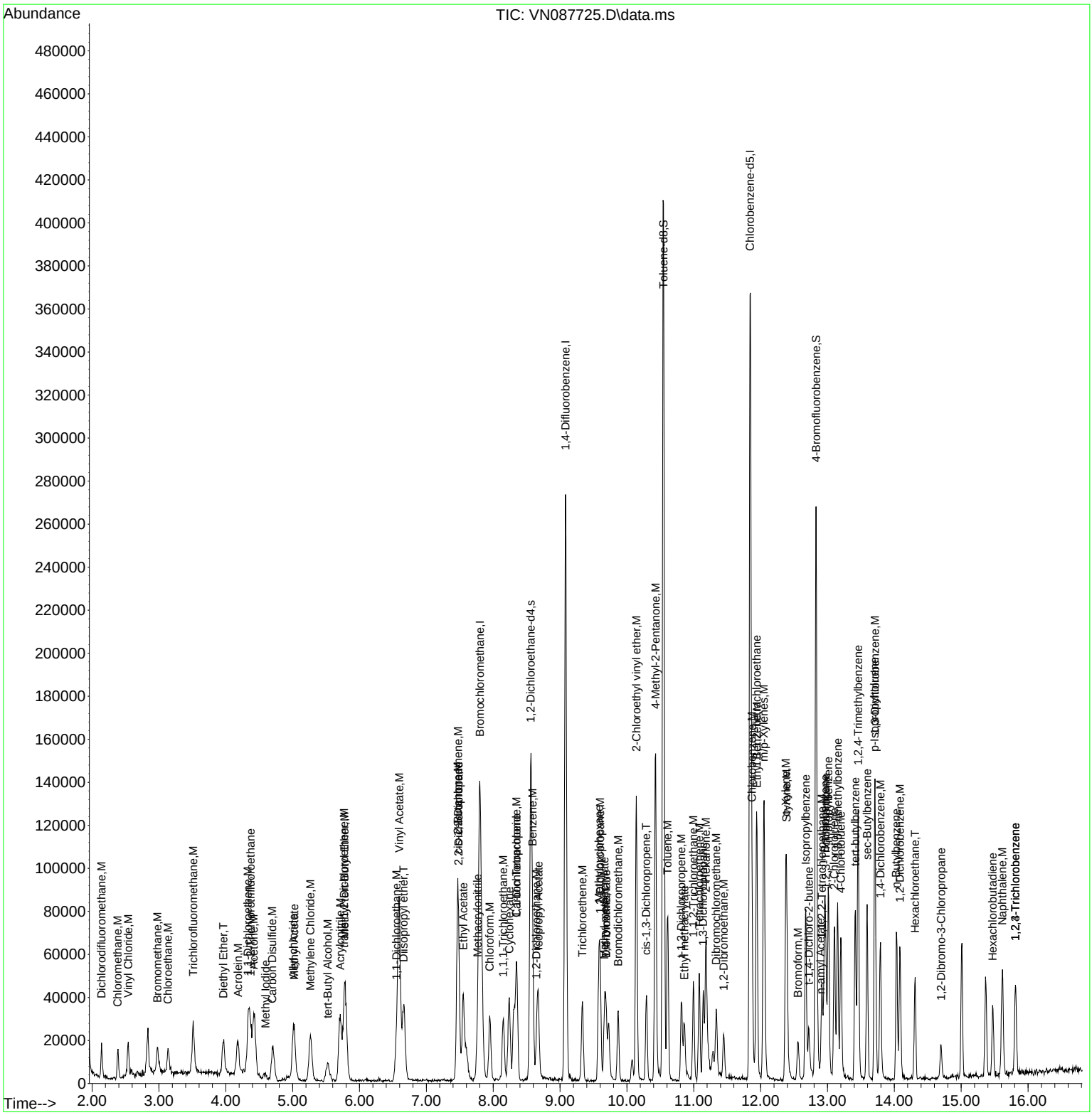
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087725.D
Acq On : 04 Sep 2025 16:23
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 05 02:55:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087726.D
Acq On : 04 Sep 2025 16:44
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 02:56:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	42809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	211459	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	198266	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	107398	27.862	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.867%			
60) 4-Bromofluorobenzene	12.829	95	96997	28.768	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.900%			
63) Toluene-d8	10.547	98	279660	30.528	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	49949	18.465	ug/l	100
3) Chloromethane	2.383	50	51138	18.521	ug/l	100
4) Vinyl Chloride	2.542	62	57095	19.294	ug/l	100
5) Bromomethane	2.977	94	31609	19.377	ug/l	100
6) Chloroethane	3.142	64	38748	19.998	ug/l	100
7) Trichlorofluoromethane	3.512	101	82866	19.315	ug/l	100
8) Diethyl Ether	3.954	74	33334	18.728	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	45396	20.339	ug/l	100
10) 1,1-Dichloroethene	4.342	96	44944	19.539	ug/l	100
11) Methyl Iodide	4.583	142	26688	14.779	ug/l	100
12) Methyl Acetate	5.018	43	72499	17.391	ug/l	100
13) Acrolein	4.177	56	61563	94.456	ug/l	100
14) Acrylonitrile	5.718	53	149903m	83.131	ug/l	
15) Acetone	4.430	58	45452	88.853	ug/l	100
16) Carbon Disulfide	4.706	76	124233	17.652	ug/l	100
17) Allyl chloride	5.018	41	72506	15.970	ug/l	100
18) Methylene Chloride	5.265	84	50199	17.300	ug/l	100
19) trans-1,2-Dichloroethene	5.777	96	47153m	17.562	ug/l	
20) Diisopropyl ether	6.659	45	169008	16.339	ug/l	100
21) 1,1-Dichloroethane	6.553	63	93521	17.386	ug/l	100
22) cis-1,2-Dichloroethene	7.465	96	56746	17.275	ug/l	100
23) tert-Butyl Alcohol	5.530	59	54584	72.820	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	158036	15.680	ug/l	100
25) Chloroform	7.953	83	99433	17.558	ug/l	100
26) Cyclohexane	8.241	56	69837	16.417	ug/l #	100
29) 1,1-Dichloropropene	8.353	75	63171	18.638	ug/l	100
30) 2-Butanone	7.471	43	213338	86.904	ug/l	100
31) 2,2-Dichloropropane	7.471	77	69833	16.445	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	81988	18.860	ug/l	100
33) Carbon Tetrachloride	8.341	117	65653	18.352	ug/l	100
34) Benzene	8.588	78	203295	18.914	ug/l	100
35) Methacrylonitrile	7.765	41	48528	18.198	ug/l	100
36) 1,2-Dichloroethane	8.653	62	78112	18.230	ug/l	100
37) Trichloroethene	9.336	130	45484	19.215	ug/l	100
38) Methylcyclohexane	9.583	83	67168	17.371	ug/l	100
39) 1,2-Dichloropropane	9.600	63	52783	19.162	ug/l	100
40) Dibromomethane	9.688	93	38777	18.828	ug/l	100
41) Bromodichloromethane	9.871	83	80402	18.694	ug/l	100
42) Vinyl Acetate	6.589	43	706403	87.467	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087726.D
Acq On : 04 Sep 2025 16:44
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 05 02:56:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	91142	18.839	ug/l	100
44) Isopropyl Acetate	8.677	43	140215	17.422	ug/l	100
45) 1,4-Dioxane	9.677	88	18742	363.739	ug/l	100
46) Methyl methacrylate	9.665	41	62431	16.572	ug/l	100
47) n-amyl Acetate	12.671	43	73018m	15.604	ug/l	
48) t-1,3-Dichloropropene	10.818	75	78438	17.108	ug/l	100
49) cis-1,3-Dichloropropene	10.288	75	79831	17.252	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	49901	19.075	ug/l	100
51) Ethyl methacrylate	10.853	69	72347	16.207	ug/l	100
52) 1,3-Dichloropropane	11.141	76	87839	18.729	ug/l	100
53) Dibromochloromethane	11.335	129	51982	17.456	ug/l	100
54) 1,2-Dibromoethane	11.447	107	51152	18.556	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	225137	93.348	ug/l	100
56) Bromoform	12.559	173	34081	17.274	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	432636	88.189	ug/l	100
59) 2-Hexanone	11.177	43	276879	83.339	ug/l	100
61) Tetrachloroethene	11.082	164	36848	19.253	ug/l	100
62) Toluene	10.612	91	221067	18.530	ug/l	100
64) Chlorobenzene	11.871	112	132910	18.156	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	46772	18.150	ug/l	100
66) Ethyl Benzene	11.941	91	230526	17.532	ug/l	100
67) m/p-Xylenes	12.047	106	169788	35.082	ug/l	100
68) o-Xylene	12.377	106	84505	17.701	ug/l	100
69) Styrene	12.388	104	142280	17.520	ug/l	100
70) Isopropylbenzene	12.676	105	205573	17.117	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	79973	19.086	ug/l	100
72) 1,2,3-Trichloropropane	12.971	75	84570m	21.633	ug/l	
73) Bromobenzene	12.953	156	51969	18.305	ug/l	100
74) n-propylbenzene	13.012	91	266688	17.651	ug/l	100
75) 2-Chlorotoluene	13.106	91	164311	17.679	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	178698	17.339	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	24084	16.407	ug/l	100
78) 4-Chlorotoluene	13.200	91	166605	17.614	ug/l	100
79) tert-butylbenzene	13.418	119	149770	17.250	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	185683	17.861	ug/l	100
81) sec-Butylbenzene	13.594	105	221613	17.504	ug/l	100
82) p-Isopropyltoluene	13.706	119	179893	17.164	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	104338	19.181	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	102608	18.737	ug/l	100
85) n-Butylbenzene	14.035	91	169464	16.646	ug/l	100
86) Hexachloroethane	14.312	117	37845	18.193	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	96835	18.773	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.694	75	18320	17.534	ug/l	100
89) 1,2,4-Trichlorobenzene	15.812	180	52849	17.337	ug/l	100
90) Hexachlorobutadiene	15.470	225	19260	16.481	ug/l	100
91) Naphthalene	15.612	128	190673	16.595	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	52849	17.337	ug/l	100

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

ICAL Form

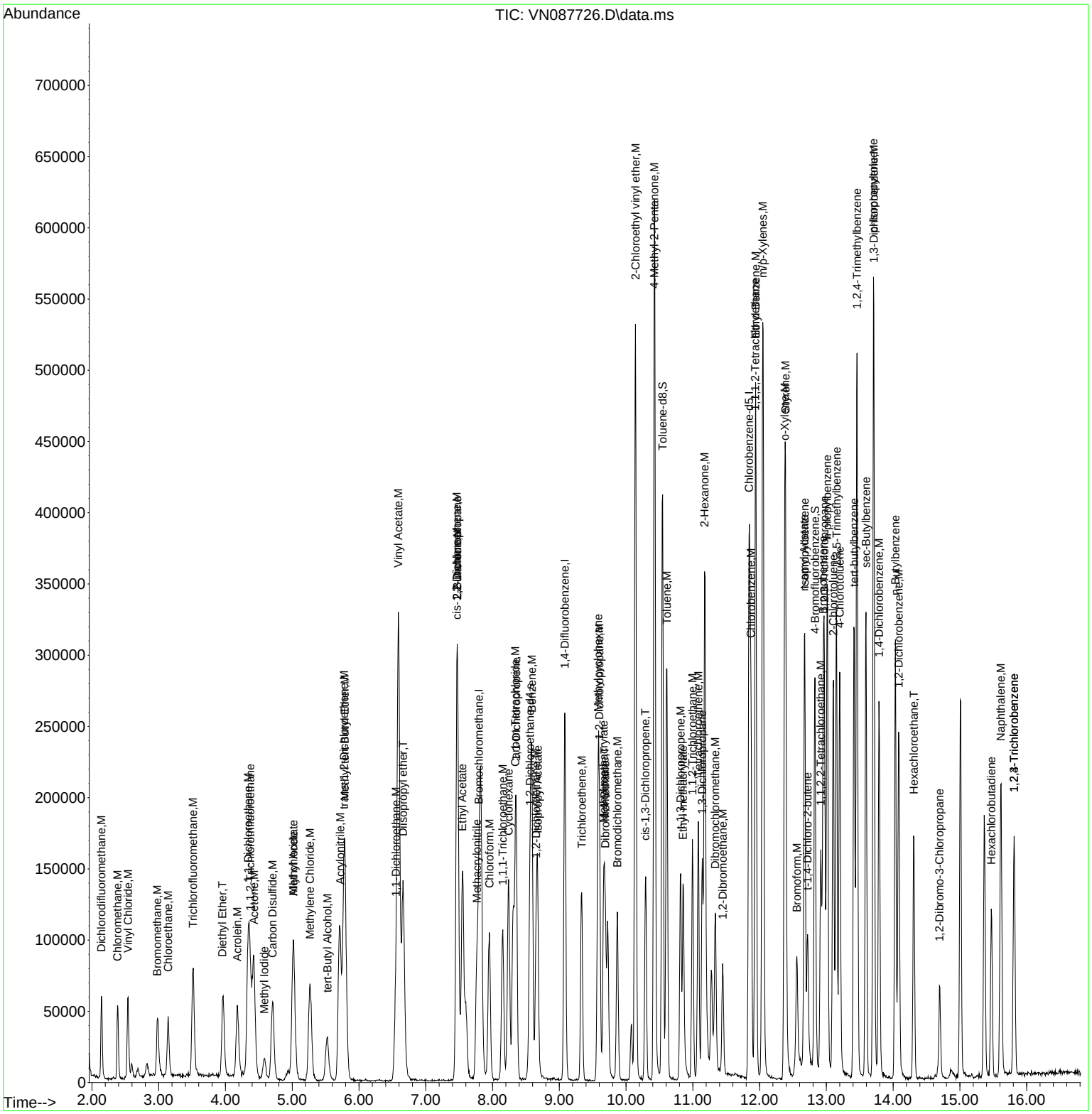
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087726.D
Acq On : 04 Sep 2025 16:44
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 05 02:56:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087727.D
Acq On : 04 Sep 2025 17:05
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 05 02:57:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	44084	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	235930	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	223338	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	114806	28.923	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.400%				
60) 4-Bromofluorobenzene	12.829	95	106071	27.928	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.100%				
63) Toluene-d8	10.547	98	310800	30.119	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	149532	53.681	ug/l		98
3) Chloromethane	2.383	50	148881	52.361	ug/l		98
4) Vinyl Chloride	2.536	62	175465	57.579	ug/l		94
5) Bromomethane	2.977	94	97326	57.939	ug/l		97
6) Chloroethane	3.142	64	115833	58.053	ug/l		88
7) Trichlorofluoromethane	3.512	101	253094	57.285	ug/l		93
8) Diethyl Ether	3.965	74	105850	57.749	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.365	101	139857	60.848	ug/l		78
10) 1,1-Dichloroethene	4.336	96	140735	59.413	ug/l		94
11) Methyl Iodide	4.577	142	99554	53.536	ug/l		91
12) Methyl Acetate	5.018	43	216966	50.540	ug/l		95
13) Acrolein	4.177	56	182140	271.375	ug/l	#	41
14) Acrylonitrile	5.706	53	460378	247.925	ug/l		97
15) Acetone	4.424	58	134357	255.056	ug/l		97
16) Carbon Disulfide	4.706	76	381348	52.616	ug/l	#	95
17) Allyl chloride	5.018	41	221421	47.360	ug/l		97
18) Methylene Chloride	5.265	84	157997	52.875	ug/l		88
19) trans-1,2-Dichloroethene	5.777	96	143067	51.744	ug/l		94
20) Diisopropyl ether	6.659	45	537577	50.467	ug/l		97
21) 1,1-Dichloroethane	6.559	63	286450	51.711	ug/l		94
22) cis-1,2-Dichloroethene	7.471	96	173910	51.413	ug/l		96
23) tert-Butyl Alcohol	5.530	59	160023	207.312	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	506717	48.821	ug/l		96
25) Chloroform	7.947	83	304392	52.195	ug/l		95
26) Cyclohexane	8.241	56	232867	53.159	ug/l	#	95
29) 1,1-Dichloropropene	8.353	75	199005	52.624	ug/l		100
30) 2-Butanone	7.471	43	666350	243.287	ug/l		97
31) 2,2-Dichloropropane	7.477	77	238304	50.297	ug/l		99
32) 1,1,1-Trichloroethane	8.153	97	249576	51.457	ug/l		98
33) Carbon Tetrachloride	8.347	117	208479	52.233	ug/l		96
34) Benzene	8.588	78	640994	53.450	ug/l		95
35) Methacrylonitrile	7.759	41	140382	47.182	ug/l		98
36) 1,2-Dichloroethane	8.653	62	239430	50.083	ug/l		98
37) Trichloroethene	9.335	130	142957	54.130	ug/l		97
38) Methylcyclohexane	9.582	83	220447	51.099	ug/l		98
39) 1,2-Dichloropropane	9.600	63	159981	52.056	ug/l		99
40) Dibromomethane	9.688	93	120754	52.549	ug/l		99
41) Bromodichloromethane	9.871	83	242124	50.456	ug/l		97
42) Vinyl Acetate	6.589	43	2296328	254.840	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087727.D
Acq On : 04 Sep 2025 17:05
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 05 02:57:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	276887	51.296	ug/l	98
44) Isopropyl Acetate	8.677	43	438553	48.838	ug/l	99
45) 1,4-Dioxane	9.677	88	53248	926.233	ug/l	95
46) Methyl methacrylate	9.659	41	202256	48.120	ug/l	98
47) n-amyl Acetate	12.500	43	299916m	57.443	ug/l	
48) t-1,3-Dichloropropene	10.818	75	256762	50.194	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	266622	51.643	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	156835	53.732	ug/l	98
51) Ethyl methacrylate	10.859	69	260502	52.305	ug/l	97
52) 1,3-Dichloropropane	11.141	76	273053	52.180	ug/l	100
53) Dibromochloromethane	11.341	129	178488	53.720	ug/l	94
54) 1,2-Dibromoethane	11.447	107	165403	53.777	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	667057	247.892	ug/l	99
56) Bromoform	12.559	173	113619	51.614	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	1366907	247.352	ug/l	100
59) 2-Hexanone	11.176	43	945587	252.664	ug/l	98
61) Tetrachloroethene	11.082	164	110439	51.225	ug/l	98
62) Toluene	10.606	91	695370	51.744	ug/l	99
64) Chlorobenzene	11.871	112	419478	50.870	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	148563	51.179	ug/l	97
66) Ethyl Benzene	11.941	91	760061	51.315	ug/l	95
67) m/p-Xylenes	12.047	106	578021	106.025	ug/l	94
68) o-Xylene	12.376	106	272027	50.584	ug/l	94
69) Styrene	12.388	104	488107	53.357	ug/l	100
70) Isopropylbenzene	12.670	105	705735	52.168	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	247798	52.498	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	227694m	51.707	ug/l	
73) Bromobenzene	12.959	156	164633	51.479	ug/l	97
74) n-propylbenzene	13.012	91	894796	52.574	ug/l	100
75) 2-Chlorotoluene	13.100	91	542010	51.771	ug/l	98
76) 1,3,5-Trimethylbenzene	13.147	105	601688	51.829	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	83260	50.352	ug/l	85
78) 4-Chlorotoluene	13.200	91	555670	52.151	ug/l	97
79) tert-butylbenzene	13.417	119	505286	51.663	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	624111	53.295	ug/l	99
81) sec-Butylbenzene	13.594	105	739231	51.833	ug/l	98
82) p-Isopropyltoluene	13.706	119	616043	52.179	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	330543	53.944	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	332962	53.977	ug/l	99
85) n-Butylbenzene	14.035	91	598838	52.220	ug/l	99
86) Hexachloroethane	14.312	117	122090	52.103	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	312431	53.771	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	54360	46.188	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	175450	51.096	ug/l	96
90) Hexachlorobutadiene	15.470	225	57621	43.773	ug/l	92
91) Naphthalene	15.611	128	656553	50.727	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	175450	51.096	ug/l	96

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

ICAL Form

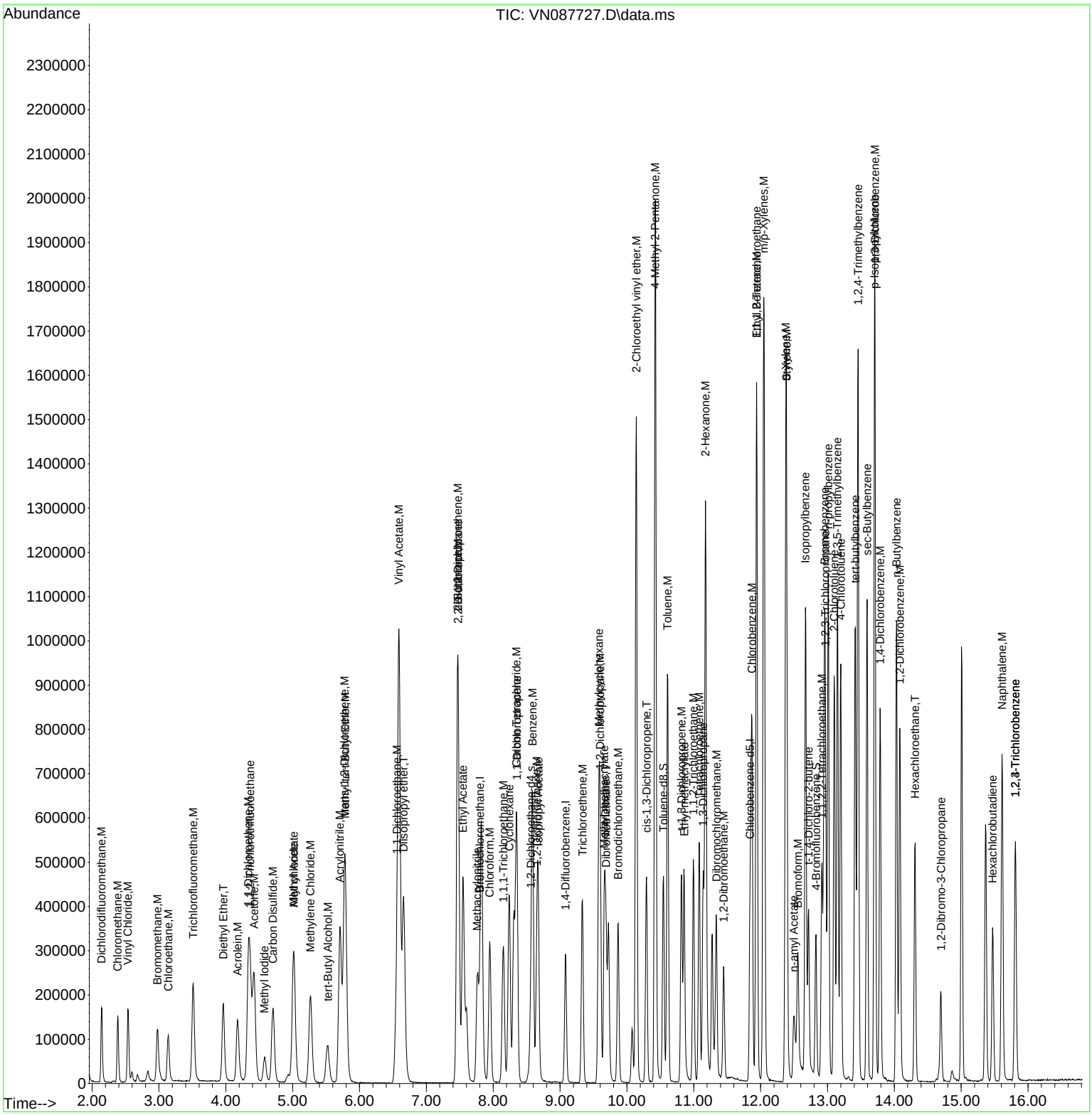
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087727.D
Acq On : 04 Sep 2025 17:05
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 05 02:57:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087728.D
Acq On : 04 Sep 2025 17:25
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 05 02:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	46852	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	242946	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	230623	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	117102	27.758	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.533%				
60) 4-Bromofluorobenzene	12.823	95	115538	29.459	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.200%				
63) Toluene-d8	10.547	98	323414	30.351	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.167%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	313567	105.918	ug/l		98
3) Chloromethane	2.383	50	318166	105.287	ug/l		96
4) Vinyl Chloride	2.536	62	361611	111.652	ug/l		98
5) Bromomethane	2.965	94	215103	120.487	ug/l		94
6) Chloroethane	3.130	64	237607	112.048	ug/l		88
7) Trichlorofluoromethane	3.512	101	524031	111.602	ug/l		87
8) Diethyl Ether	3.959	74	215410	110.579	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.365	101	277895	113.762	ug/l		42
10) 1,1-Dichloroethene	4.336	96	294057	116.806	ug/l		92
11) Methyl Iodide	4.583	142	246645	124.799	ug/l		90
12) Methyl Acetate	5.018	43	465095	101.938	ug/l		99
13) Acrolein	4.177	56	404438m	566.983	ug/l		
14) Acrylonitrile	5.712	53	995146	504.249	ug/l		99
15) Acetone	4.424	58	276885	494.569	ug/l		84
16) Carbon Disulfide	4.706	76	801928	104.109	ug/l	#	91
17) Allyl chloride	5.012	41	481807	96.965	ug/l		92
18) Methylene Chloride	5.265	84	326426	102.788	ug/l		94
19) trans-1,2-Dichloroethene	5.777	96	306937	104.453	ug/l		94
20) Diisopropyl ether	6.659	45	1145464	101.181	ug/l		95
21) 1,1-Dichloroethane	6.553	63	605635	102.873	ug/l		97
22) cis-1,2-Dichloroethene	7.471	96	370129	102.956	ug/l		96
23) tert-Butyl Alcohol	5.530	59	340216	414.715	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	1088266	98.657	ug/l		97
25) Chloroform	7.947	83	632337	102.023	ug/l		95
26) Cyclohexane	8.235	56	470916	101.149	ug/l	#	99
29) 1,1-Dichloropropene	8.353	75	418041	107.353	ug/l		99
30) 2-Butanone	7.471	43	1409990	499.926	ug/l		98
31) 2,2-Dichloropropane	7.477	77	498763	102.230	ug/l		99
32) 1,1,1-Trichloroethane	8.153	97	524015	104.920	ug/l		99
33) Carbon Tetrachloride	8.341	117	431973	105.102	ug/l		98
34) Benzene	8.588	78	1341472	108.630	ug/l		96
35) Methacrylonitrile	7.765	41	305644	99.759	ug/l		96
36) 1,2-Dichloroethane	8.653	62	500793	101.728	ug/l		99
37) Trichloroethene	9.335	130	296546	109.044	ug/l		97
38) Methylcyclohexane	9.582	83	466295	104.964	ug/l		97
39) 1,2-Dichloropropane	9.600	63	346311	109.431	ug/l		98
40) Dibromomethane	9.688	93	255456	107.958	ug/l		98
41) Bromodichloromethane	9.871	83	524173	106.078	ug/l		96
42) Vinyl Acetate	6.588	43	4938740	532.259	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087728.D
Acq On : 04 Sep 2025 17:25
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 05 02:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	570267	102.596 ug/l	99
44) Isopropyl Acetate	8.671	43	951384	102.889 ug/l	99
45) 1,4-Dioxane	9.682	88	116145	1961.964 ug/l #	81
46) Methyl methacrylate	9.665	41	440189	101.703 ug/l	97
47) n-amyl Acetate	12.488	43	640178m	119.074 ug/l	
48) t-1,3-Dichloropropene	10.818	75	563552	106.986 ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	576775	108.492 ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	324897	108.095 ug/l	97
51) Ethyl methacrylate	10.853	69	569562	111.057 ug/l	96
52) 1,3-Dichloropropane	11.141	76	582005	108.009 ug/l	100
53) Dibromochloromethane	11.341	129	378765	110.707 ug/l	93
54) 1,2-Dibromoethane	11.447	107	342831	108.245 ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	1528234	551.521 ug/l	99
56) Bromoform	12.559	173	252313	111.308 ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	2897553	507.772 ug/l	99
59) 2-Hexanone	11.176	43	2049165	530.247 ug/l	97
61) Tetrachloroethene	11.082	164	234889	105.508 ug/l	94
62) Toluene	10.612	91	1487570	107.196 ug/l	99
64) Chlorobenzene	11.870	112	915703	107.540 ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	316148	105.470 ug/l	97
66) Ethyl Benzene	11.941	91	1649107	107.822 ug/l	94
67) m/p-Xylenes	12.047	106	1230087	218.504 ug/l	96
68) o-Xylene	12.376	106	594671	107.086 ug/l	95
69) Styrene	12.388	104	1056802	111.873 ug/l	99
70) Isopropylbenzene	12.670	105	1525065	109.171 ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	514778	105.616 ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	480400m	105.647 ug/l	
73) Bromobenzene	12.959	156	356832	108.052 ug/l	98
74) n-propylbenzene	13.012	91	1910176	108.687 ug/l	100
75) 2-Chlorotoluene	13.100	91	1125992	104.153 ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	1280589	106.824 ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	189778	111.145 ug/l	85
78) 4-Chlorotoluene	13.200	91	1157012	105.159 ug/l	98
79) tert-butylbenzene	13.417	119	1071115	106.056 ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	1304823	107.903 ug/l	98
81) sec-Butylbenzene	13.594	105	1563520	106.168 ug/l	98
82) p-Isopropyltoluene	13.706	119	1301395	106.747 ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	691902	109.350 ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	697980	109.576 ug/l	100
85) n-Butylbenzene	14.035	91	1257557	106.198 ug/l	99
86) Hexachloroethane	14.311	117	253844	104.907 ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	657359	109.561 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	118055	97.139 ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	377288	106.405 ug/l	99
90) Hexachlorobutadiene	15.476	225	122782	90.327 ug/l	94
91) Naphthalene	15.611	128	1453918	108.784 ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	377288	106.405 ug/l	99

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

ICAL Form

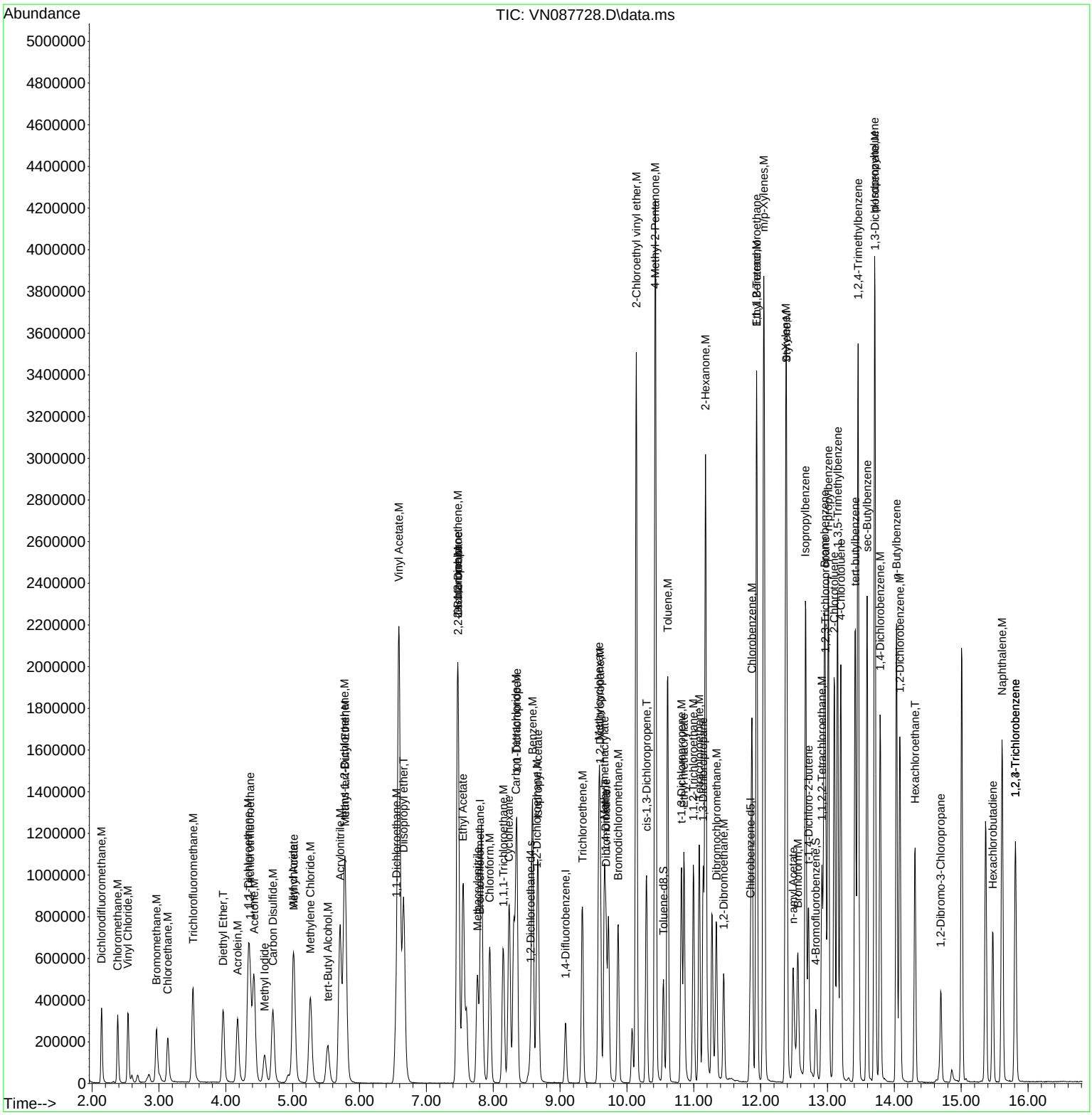
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087728.D
Acq On : 04 Sep 2025 17:25
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 05 02:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087729.D
Acq On : 04 Sep 2025 17:46
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 03:00:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	48732	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	256987	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	242434	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	125853	28.682	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.600%				
60) 4-Bromofluorobenzene	12.829	95	119357	28.950	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.500%				
63) Toluene-d8	10.547	98	331838	29.625	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.733%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	460014	149.391	ug/l		99
3) Chloromethane	2.383	50	485468	154.452	ug/l		99
4) Vinyl Chloride	2.536	62	548014	162.679	ug/l		97
5) Bromomethane	2.953	94	338024	182.035	ug/l		96
6) Chloroethane	3.124	64	366963	166.372	ug/l	#	85
7) Trichlorofluoromethane	3.506	101	797041	163.196	ug/l		91
8) Diethyl Ether	3.959	74	341803	168.693	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.359	101	422322	166.217	ug/l		78
10) 1,1-Dichloroethene	4.336	96	449863	171.802	ug/l		95
11) Methyl Iodide	4.577	142	421989	205.284	ug/l		90
12) Methyl Acetate	5.012	43	724097	152.583	ug/l		100
13) Acrolein	4.177	56	630478m	849.771	ug/l		
14) Acrylonitrile	5.706	53	1538968	749.724	ug/l		98
15) Acetone	4.424	58	425162	730.123	ug/l		90
16) Carbon Disulfide	4.700	76	1271777m	158.737	ug/l		
17) Allyl chloride	5.012	41	766742	148.357	ug/l		92
18) Methylene Chloride	5.259	84	507725	153.709	ug/l		91
19) trans-1,2-Dichloroethene	5.771	96	477957	156.377	ug/l		96
20) Diisopropyl ether	6.659	45	1793426	152.305	ug/l		94
21) 1,1-Dichloroethane	6.553	63	931404	152.104	ug/l		97
22) cis-1,2-Dichloroethene	7.471	96	586326	156.802	ug/l		99
23) tert-Butyl Alcohol	5.530	59	545385	639.163	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	1739496	151.610	ug/l		98
25) Chloroform	7.947	83	983285	152.526	ug/l		95
26) Cyclohexane	8.241	56	727166	150.164	ug/l	#	99
29) 1,1-Dichloropropene	8.353	75	648804	157.510	ug/l		99
30) 2-Butanone	7.471	43	2196856	736.360	ug/l		98
31) 2,2-Dichloropropane	7.477	77	781979	151.522	ug/l		100
32) 1,1,1-Trichloroethane	8.153	97	806677	152.690	ug/l		99
33) Carbon Tetrachloride	8.341	117	670757	154.283	ug/l		97
34) Benzene	8.588	78	2101924	160.910	ug/l		95
35) Methacrylonitrile	7.759	41	468477	144.552	ug/l		97
36) 1,2-Dichloroethane	8.653	62	770632	147.988	ug/l		100
37) Trichloroethene	9.335	130	458415	159.355	ug/l		94
38) Methylcyclohexane	9.582	83	704436	149.907	ug/l		98
39) 1,2-Dichloropropane	9.600	63	532904	159.192	ug/l		100
40) Dibromomethane	9.688	93	390063	155.837	ug/l		99
41) Bromodichloromethane	9.871	83	801266	153.294	ug/l	#	94
42) Vinyl Acetate	6.588	43	7618340	776.186	ug/l		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087729.D
Acq On : 04 Sep 2025 17:46
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 05 03:00:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	903610	153.686	ug/l		98
44) Isopropyl Acetate	8.671	43	1460618	149.330	ug/l		100
45) 1,4-Dioxane	9.682	88	187970	3001.771	ug/l	#	91
46) Methyl methacrylate	9.665	41	670040	146.351	ug/l		100
47) n-amyl Acetate	12.482	43	1048336m	184.337	ug/l		
48) t-1,3-Dichloropropene	10.818	75	885111	158.851	ug/l		97
49) cis-1,3-Dichloropropene	10.294	75	901540	160.315	ug/l		94
50) 1,1,2-Trichloroethane	10.994	97	511317	160.824	ug/l		98
51) Ethyl methacrylate	10.853	69	906831	167.159	ug/l		94
52) 1,3-Dichloropropane	11.141	76	893642	156.782	ug/l		100
53) Dibromochloromethane	11.335	129	596338	164.776	ug/l		92
54) 1,2-Dibromoethane	11.447	107	546357	163.081	ug/l		100
55) 2-Chloroethyl vinyl ether	10.141	63	2464831	840.927	ug/l		98
56) Bromoform	12.559	173	402223	167.746	ug/l		97
58) 4-Methyl-2-Pentanone	10.424	43	4473520	745.754	ug/l		99
59) 2-Hexanone	11.176	43	3170935	780.545	ug/l		97
61) Tetrachloroethene	11.082	164	363806	155.454	ug/l		97
62) Toluene	10.612	91	2294262	157.273	ug/l		99
64) Chlorobenzene	11.870	112	1432339	160.019	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.941	131	486507	154.396	ug/l		98
66) Ethyl Benzene	11.941	91	2571632	159.947	ug/l		95
67) m/p-Xylenes	12.047	106	1904203	321.770	ug/l		95
68) o-Xylene	12.376	106	940685	161.143	ug/l		95
69) Styrene	12.388	104	1653060	166.468	ug/l		99
70) Isopropylbenzene	12.670	105	2375492	161.764	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.917	83	793928	154.952	ug/l		100
72) 1,2,3-Trichloropropane	12.970	75	732764m	153.295	ug/l		
73) Bromobenzene	12.959	156	553482	159.435	ug/l		98
74) n-propylbenzene	13.012	91	2937041	158.973	ug/l		99
75) 2-Chlorotoluene	13.106	91	1747793	153.793	ug/l		97
76) 1,3,5-Trimethylbenzene	13.153	105	1960149	155.546	ug/l		99
77) t-1,4-Dichloro-2-butene	12.717	75	311177	173.364	ug/l		89
78) 4-Chlorotoluene	13.200	91	1806216	156.166	ug/l		97
79) tert-butylbenzene	13.417	119	1648726	155.295	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	2015689	158.567	ug/l		99
81) sec-Butylbenzene	13.594	105	2383484	153.961	ug/l		99
82) p-Isopropyltoluene	13.706	119	1983862	154.798	ug/l		98
83) 1,3-Dichlorobenzene	13.712	146	1059997	159.363	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	1050951	156.951	ug/l		98
85) n-Butylbenzene	14.035	91	1919423	154.195	ug/l		100
86) Hexachloroethane	14.311	117	392690	154.382	ug/l		99
87) 1,2-Dichlorobenzene	14.082	146	1004257	159.224	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	184176	144.163	ug/l		93
89) 1,2,4-Trichlorobenzene	15.811	180	591983	158.821	ug/l		97
90) Hexachlorobutadiene	15.470	225	183756	128.598	ug/l		95
91) Naphthalene	15.611	128	2324387	165.441	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	591983	158.821	ug/l		97

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

ICAL Form

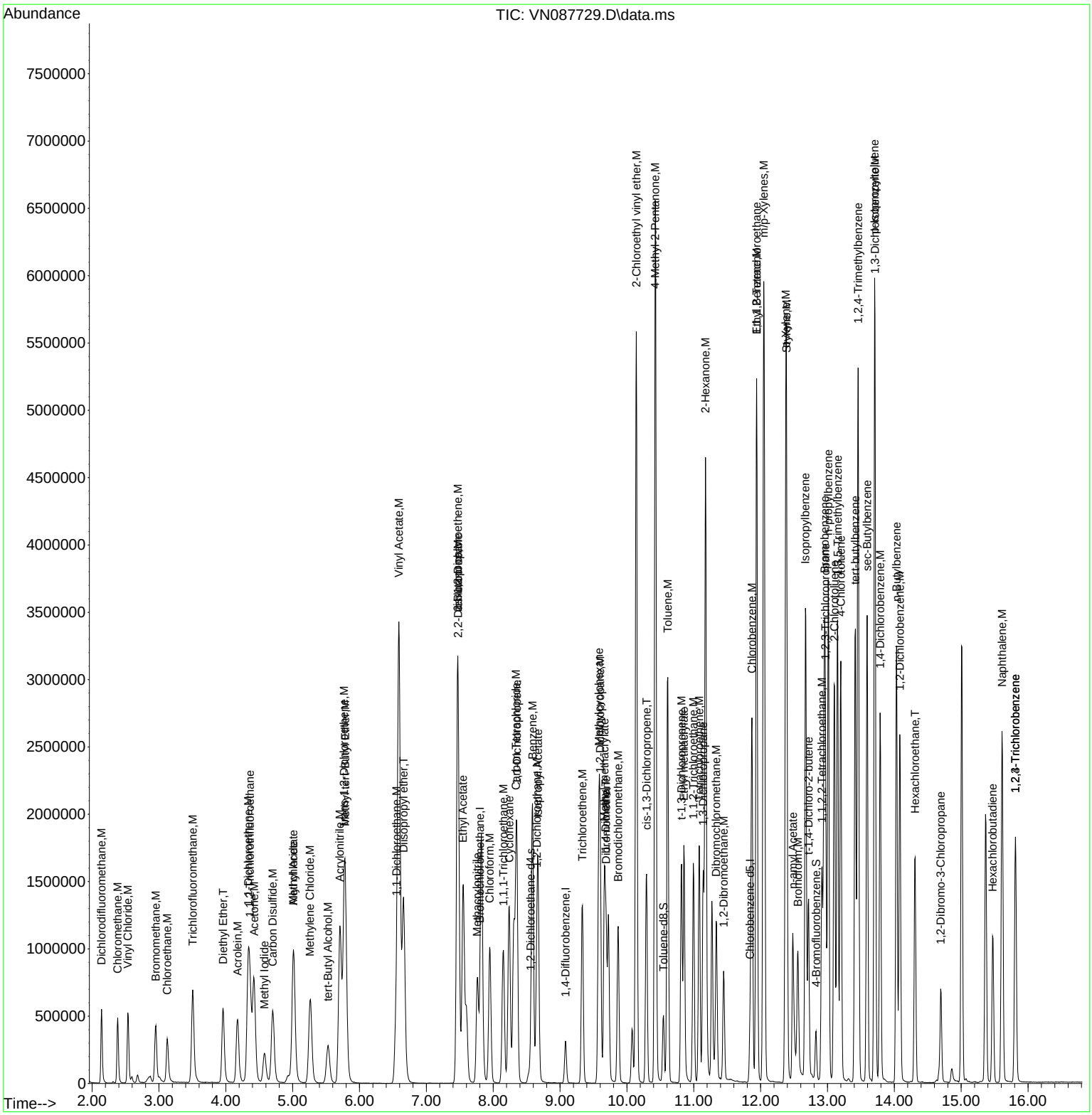
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087729.D
Acq On : 04 Sep 2025 17:46
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 05 03:00:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 02:54:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	45925	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	235644	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	221185	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	118609	30.234	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%				
60) 4-Bromofluorobenzene	12.829	95	103848	29.200	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.333%				
63) Toluene-d8	10.547	98	305314	29.682	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.933%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.148	85	52434	18.370	ug/l		100
3) Chloromethane	2.383	50	54083	18.050	ug/l		91
4) Vinyl Chloride	2.536	62	59288	17.504	ug/l		99
5) Bromomethane	2.989	94	35460	17.846	ug/l		95
6) Chloroethane	3.136	64	39572	17.094	ug/l	#	77
7) Trichlorofluoromethane	3.512	101	85267	17.175	ug/l		86
8) Diethyl Ether	3.959	74	36966	17.632	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.371	101	46222	17.189	ug/l		97
10) 1,1-Dichloroethene	4.342	96	48502	17.494	ug/l	#	89
11) Methyl Iodide	4.594	142	29628m	15.097	ug/l		
12) Methyl Acetate	5.012	43	78049	18.262	ug/l		98
13) Acrolein	4.177	56	69346m	91.132	ug/l		
14) Acrylonitrile	5.712	53	162624	88.404	ug/l		99
15) Acetone	4.424	58	48575	84.645	ug/l		81
16) Carbon Disulfide	4.712	76	136485	17.930	ug/l	#	94
17) Allyl chloride	5.012	41	77276	17.065	ug/l		94
18) Methylene Chloride	5.265	84	55915	17.804	ug/l		89
19) trans-1,2-Dichloroethene	5.777	96	49711	17.581	ug/l		93
20) Diisopropyl ether	6.653	45	173212	16.633	ug/l	#	99
21) 1,1-Dichloroethane	6.553	63	100521	17.627	ug/l		97
22) cis-1,2-Dichloroethene	7.471	96	59360	17.296	ug/l		95
23) tert-Butyl Alcohol	5.518	59	58538	90.020	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	171206	17.297	ug/l	#	83
25) Chloroform	7.947	83	103557	17.349	ug/l		94
26) Cyclohexane	8.235	56	75387	17.359	ug/l	#	100
29) 1,1-Dichloropropene	8.347	75	65482	17.099	ug/l		99
30) 2-Butanone	7.471	43	231480	87.744	ug/l		97
31) 2,2-Dichloropropane	7.477	77	78485	17.001	ug/l	#	78
32) 1,1,1-Trichloroethane	8.153	97	85693	17.650	ug/l		98
33) Carbon Tetrachloride	8.347	117	69645	17.204	ug/l	#	93
34) Benzene	8.588	78	218694	17.669	ug/l		93
35) Methacrylonitrile	7.765	41	51135	18.531	ug/l		93
36) 1,2-Dichloroethane	8.653	62	82106	17.562	ug/l		99
37) Trichloroethene	9.341	130	45924	16.598	ug/l		92
38) Methylcyclohexane	9.582	83	70612	16.745	ug/l		99
39) 1,2-Dichloropropane	9.600	63	54676	17.248	ug/l	#	83
40) Dibromomethane	9.682	93	42325	17.941	ug/l		97
41) Bromodichloromethane	9.871	83	83672	17.353	ug/l	#	85
42) Vinyl Acetate	6.594	43	777536	88.211	ug/l		100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	93344	17.318	ug/l		98
44) Isopropyl Acetate	8.671	43	147433	17.448	ug/l		98
45) 1,4-Dioxane	9.682	88	18809	352.976	ug/l	#	53
46) Methyl methacrylate	9.665	41	67807	17.410	ug/l		93
47) n-amyl Acetate	12.570	43	86602m	15.166	ug/l		
48) t-1,3-Dichloropropene	10.818	75	85569	17.087	ug/l		97
49) cis-1,3-Dichloropropene	10.294	75	88428	17.239	ug/l		98
50) 1,1,2-Trichloroethane	10.994	97	53774	17.648	ug/l		89
51) Ethyl methacrylate	10.853	69	82131	17.320	ug/l		94
52) 1,3-Dichloropropane	11.141	76	93581	17.687	ug/l		100
53) Dibromochloromethane	11.335	129	59265	17.347	ug/l		92
54) 1,2-Dibromoethane	11.447	107	54662	17.241	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	233941	86.104	ug/l		99
56) Bromoform	12.559	173	39062	17.508	ug/l		96
58) 4-Methyl-2-Pentanone	10.424	43	460953	88.138	ug/l		99
59) 2-Hexanone	11.182	43	291153	85.197	ug/l		98
61) Tetrachloroethene	11.082	164	38600	17.528	ug/l		95
62) Toluene	10.612	91	238533	17.829	ug/l		98
64) Chlorobenzene	11.870	112	142733	17.382	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.935	131	49466	17.110	ug/l		97
66) Ethyl Benzene	11.941	91	250582	17.361	ug/l		93
67) m/p-Xylenes	12.047	106	185180	34.562	ug/l		95
68) o-Xylene	12.376	106	90271	17.377	ug/l		98
69) Styrene	12.394	104	151670	16.798	ug/l		98
70) Isopropylbenzene	12.670	105	224221	17.022	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.912	83	83832	17.703	ug/l		98
72) 1,2,3-Trichloropropane	12.970	75	79021m	16.995	ug/l		
73) Bromobenzene	12.959	156	55283	17.154	ug/l		96
74) n-propylbenzene	13.012	91	284881	17.141	ug/l		99
75) 2-Chlorotoluene	13.106	91	171781	17.173	ug/l		96
76) 1,3,5-Trimethylbenzene	13.153	105	193466	17.393	ug/l		97
77) t-1,4-Dichloro-2-butene	12.717	75	23921	15.243	ug/l		75
78) 4-Chlorotoluene	13.200	91	184349	18.280	ug/l		96
79) tert-butylbenzene	13.412	119	162429	17.436	ug/l		96
80) 1,2,4-Trimethylbenzene	13.459	105	195624	17.154	ug/l		98
81) sec-Butylbenzene	13.594	105	238215	17.385	ug/l		98
82) p-Isopropyltoluene	13.706	119	195729	17.337	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	106089	17.075	ug/l		98
84) 1,4-Dichlorobenzene	13.788	146	107657	17.287	ug/l		98
85) n-Butylbenzene	14.035	91	188710	17.390	ug/l		98
86) Hexachloroethane	14.312	117	41219	17.975	ug/l		99
87) 1,2-Dichlorobenzene	14.082	146	105569	18.016	ug/l		96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	19130	18.204	ug/l		96
89) 1,2,4-Trichlorobenzene	15.811	180	58341	17.505	ug/l		98
90) Hexachlorobutadiene	15.470	225	20419	18.275	ug/l		95
91) Naphthalene	15.617	128	208469	16.990	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	58341	17.505	ug/l		98

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

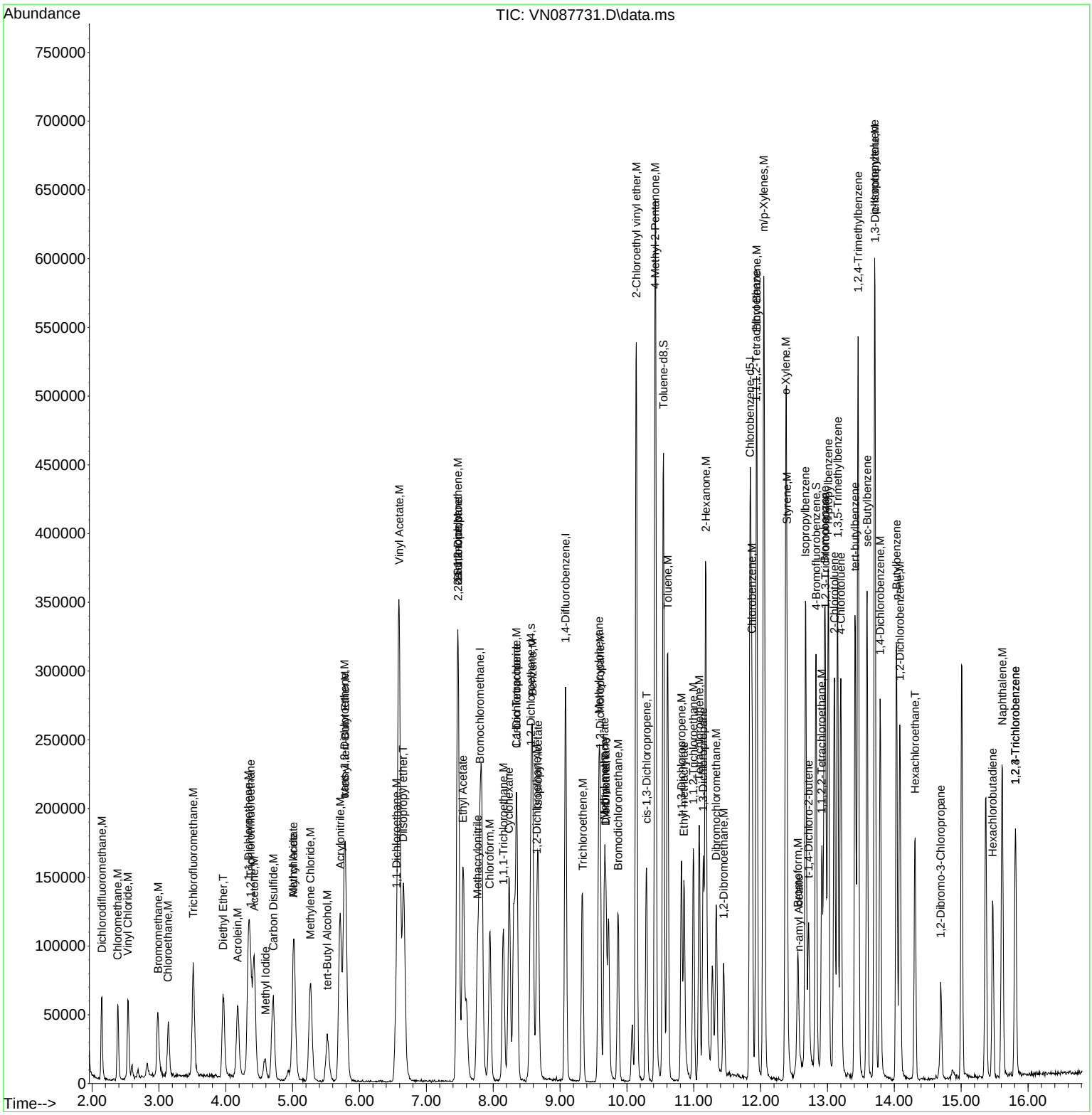
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	107	0.00
2	M	Dichlorodifluoromethane	1.865	1.713	8.2	105	0.00
3	M	Chloromethane	1.957	1.766	9.8	106	0.00
4	M	Vinyl Chloride	2.213	1.936	12.5	104	0.00
5	M	Bromomethane	1.298	1.158	10.8	112	0.01
6	M	Chloroethane	1.512	1.292	14.6	102	0.00
7	M	Trichlorofluoromethane	3.243	2.785	14.1	103	0.00
8	T	Diethyl Ether	1.370	1.207	11.9	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.757	1.510	14.1	102	0.00
10	M	1,1-Dichloroethene	1.811	1.584	12.5	108	0.00
11		Methyl Iodide	1.282	0.968	24.5	111	0.01
12		Methyl Acetate	2.792	2.549	8.7	108	0.00
13	M	Acrolein	0.497	0.453	8.9	113	0.00
14	M	Acrylonitrile	1.202	1.062	11.6	108	0.00
15	M	Acetone	0.375	0.317	15.5	107	0.00
16	M	Carbon Disulfide	4.972	4.458	10.3	110	0.00
17		Allyl chloride	2.958	2.524	14.7	107	0.00
18	M	Methylene Chloride	2.052	1.826	11.0	111	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.624	12.1	105	0.00
20	T	Diisopropyl ether	6.802	5.657	16.8	102	0.00
21	M	1,1-Dichloroethane	3.725	3.283	11.9	107	0.00
22	M	cis-1,2-Dichloroethene	2.242	1.939	13.5	105	0.00
23	M	tert-Butyl Alcohol	0.425	0.382	10.1	107	-0.01
24	M	Methyl tert-Butyl Ether	6.466	5.592	13.5	108	0.00
25	M	Chloroform	3.899	3.382	13.3	104	0.00
26		Cyclohexane	2.837	2.462	13.2	108	0.00
27	s	1,2-Dichloroethane-d4	2.563	2.583	-0.8	110	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.488	0.417	14.5	104	0.00
30	M	2-Butanone	0.336	0.295	12.2	109	0.00
31		2,2-Dichloropropane	0.588	0.500	15.0	112	0.00
32	M	1,1,1-Trichloroethane	0.618	0.545	11.8	105	0.00
33	M	Carbon Tetrachloride	0.515	0.443	14.0	106	0.00
34	M	Benzene	1.576	1.392	11.7	108	0.00
35		Methacrylonitrile	0.351	0.326	7.1	105	0.00
36	M	1,2-Dichloroethane	0.595	0.523	12.1	105	0.00
37	M	Trichloroethene	0.352	0.292	17.0	101	0.00
38		Methylcyclohexane	0.537	0.449	16.4	105	0.00
39	M	1,2-Dichloropropane	0.404	0.348	13.9	104	0.00
40		Dibromomethane	0.300	0.269	10.3	109	0.00
41	M	Bromodichloromethane	0.614	0.533	13.2	104	0.00
42	M	Vinyl Acetate	1.122	0.990	11.8	110	0.00
43		Ethyl Acetate	0.686	0.594	13.4	102	0.00
44		Isopropyl Acetate	1.076	0.938	12.8	105	0.00
45	T	1,4-Dioxane	0.007	0.006	14.3	100	0.00
46		Methyl methacrylate	0.496	0.432	12.9	109	0.00
47		n-amyl Acetate	0.727	0.551	24.2	119	-0.10
48	M	t-1,3-Dichloropropene	0.638	0.545	14.6	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	0.653	0.563	13.8	111	0.00
50	M	1,1,2-Trichloroethane	0.388	0.342	11.9	108	0.00
51		Ethyl methacrylate	0.604	0.523	13.4	114	0.00
52		1,3-Dichloropropane	0.674	0.596	11.6	107	0.00
53	M	Dibromochloromethane	0.435	0.377	13.3	114	0.00
54	M	1,2-Dibromoethane	0.404	0.348	13.9	107	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.298	13.9	104	0.00
56	M	Bromoform	0.284	0.249	12.3	115	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.625	11.8	107	0.00
59	M	2-Hexanone	0.464	0.395	14.9	105	0.00
60	S	4-Bromofluorobenzene	0.482	0.470	2.5	107	0.00
61	M	Tetrachloroethene	0.299	0.262	12.4	105	0.00
62	M	Toluene	1.815	1.618	10.9	108	0.00
63	S	Toluene-d8	1.395	1.380	1.1	109	0.00
64	M	Chlorobenzene	1.114	0.968	13.1	107	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.335	14.5	106	0.00
66	M	Ethyl Benzene	1.958	1.699	13.2	109	0.00
67	M	m/p-Xylenes	0.727	0.628	13.6	109	0.00
68	M	o-Xylene	0.705	0.612	13.2	107	0.00
69	M	Styrene	1.225	1.029	16.0	107	0.00
70		Isopropylbenzene	1.787	1.521	14.9	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.569	11.4	105	0.00
72		1,2,3-Trichloropropane	0.631	0.536	15.1	93	0.00
73		Bromobenzene	0.437	0.375	14.2	106	0.00
74		n-propylbenzene	2.254	1.932	14.3	107	0.00
75		2-Chlorotoluene	1.357	1.165	14.1	105	0.00
76		1,3,5-Trimethylbenzene	1.509	1.312	13.1	108	0.00
77		t-1,4-Dichloro-2-butene	0.213	0.162	23.9	99	0.00
78		4-Chlorotoluene	1.368	1.250	8.6	111	0.00
79		tert-butylbenzene	1.263	1.102	12.7	108	0.00
80		1,2,4-Trimethylbenzene	1.547	1.327	14.2	105	0.00
81		sec-Butylbenzene	1.858	1.615	13.1	107	0.00
82		p-Isopropyltoluene	1.531	1.327	13.3	109	0.00
83	M	1,3-Dichlorobenzene	0.843	0.719	14.7	102	0.00
84	M	1,4-Dichlorobenzene	0.845	0.730	13.6	105	0.00
85		n-Butylbenzene	1.472	1.280	13.0	111	0.00
86	T	Hexachloroethane	0.311	0.280	10.0	109	0.00
87	M	1,2-Dichlorobenzene	0.795	0.716	9.9	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.130	9.1	104	0.00
89		1,2,4-Trichlorobenzene	0.452	0.396	12.4	110	0.00
90		Hexachlorobutadiene	0.152	0.138	9.2	106	0.00
91	M	Naphthalene	1.664	1.414	15.0	109	0.00
92		1,2,3-Trichlorobenzene	0.452	0.396	12.4	110	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\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	107	0.00
2	M	Dichlorodifluoromethane	20.000	18.370	8.1	105	0.00
3	M	Chloromethane	20.000	18.050	9.7	106	0.00
4	M	Vinyl Chloride	20.000	17.504	12.5	104	0.00
5	M	Bromomethane	20.000	17.846	10.8	112	0.01
6	M	Chloroethane	20.000	17.094	14.5	102	0.00
7	M	Trichlorofluoromethane	20.000	17.175	14.1	103	0.00
8	T	Diethyl Ether	20.000	17.632	11.8	111	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.189	14.1	102	0.00
10	M	1,1-Dichloroethene	20.000	17.494	12.5	108	0.00
11		Methyl Iodide	20.000	15.097	24.5	111	0.01
12		Methyl Acetate	20.000	18.262	8.7	108	0.00
13	M	Acrolein	100.000	91.132	8.9	113	0.00
14	M	Acrylonitrile	100.000	88.404	11.6	108	0.00
15	M	Acetone	100.000	84.645	15.4	107	0.00
16	M	Carbon Disulfide	20.000	17.930	10.4	110	0.00
17		Allyl chloride	20.000	17.065	14.7	107	0.00
18	M	Methylene Chloride	20.000	17.804	11.0	111	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.581	12.1	105	0.00
20	T	Diisopropyl ether	20.000	16.633	16.8	102	0.00
21	M	1,1-Dichloroethane	20.000	17.627	11.9	107	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.296	13.5	105	0.00
23	M	tert-Butyl Alcohol	100.000	90.020	10.0	107	-0.01
24	M	Methyl tert-Butyl Ether	20.000	17.297	13.5	108	0.00
25	M	Chloroform	20.000	17.349	13.3	104	0.00
26		Cyclohexane	20.000	17.359	13.2	108	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.234	-0.8	110	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29		1,1-Dichloropropene	20.000	17.099	14.5	104	0.00
30	M	2-Butanone	100.000	87.744	12.3	109	0.00
31		2,2-Dichloropropane	20.000	17.001	15.0	112	0.00
32	M	1,1,1-Trichloroethane	20.000	17.650	11.8	105	0.00
33	M	Carbon Tetrachloride	20.000	17.204	14.0	106	0.00
34	M	Benzene	20.000	17.669	11.7	108	0.00
35		Methacrylonitrile	20.000	18.531	7.3	105	0.00
36	M	1,2-Dichloroethane	20.000	17.562	12.2	105	0.00
37	M	Trichloroethene	20.000	16.598	17.0	101	0.00
38		Methylcyclohexane	20.000	16.745	16.3	105	0.00
39	M	1,2-Dichloropropane	20.000	17.248	13.8	104	0.00
40		Dibromomethane	20.000	17.941	10.3	109	0.00
41	M	Bromodichloromethane	20.000	17.353	13.2	104	0.00
42	M	Vinyl Acetate	100.000	88.211	11.8	110	0.00
43		Ethyl Acetate	20.000	17.318	13.4	102	0.00
44		Isopropyl Acetate	20.000	17.448	12.8	105	0.00
45	T	1,4-Dioxane	400.000	352.976	11.8	100	0.00
46		Methyl methacrylate	20.000	17.410	13.0	109	0.00
47		n-amyl Acetate	20.000	15.166	24.2	119	-0.10
48	M	t-1,3-Dichloropropene	20.000	17.087	14.6	109	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Quant Time: Sep 05 03:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	17.239	13.8	111	0.00
50	M	1,1,2-Trichloroethane	20.000	17.648	11.8	108	0.00
51		Ethyl methacrylate	20.000	17.320	13.4	114	0.00
52		1,3-Dichloropropane	20.000	17.687	11.6	107	0.00
53	M	Dibromochloromethane	20.000	17.347	13.3	114	0.00
54	M	1,2-Dibromoethane	20.000	17.241	13.8	107	0.00
55	M	2-Chloroethyl vinyl ether	100.000	86.104	13.9	104	0.00
56	M	Bromoform	20.000	17.508	12.5	115	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	100.000	88.138	11.9	107	0.00
59	M	2-Hexanone	100.000	85.197	14.8	105	0.00
60	S	4-Bromofluorobenzene	30.000	29.200	2.7	107	0.00
61	M	Tetrachloroethene	20.000	17.528	12.4	105	0.00
62	M	Toluene	20.000	17.829	10.9	108	0.00
63	S	Toluene-d8	30.000	29.682	1.1	109	0.00
64	M	Chlorobenzene	20.000	17.382	13.1	107	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.110	14.5	106	0.00
66	M	Ethyl Benzene	20.000	17.361	13.2	109	0.00
67	M	m/p-Xylenes	40.000	34.562	13.6	109	0.00
68	M	o-Xylene	20.000	17.377	13.1	107	0.00
69	M	Styrene	20.000	16.798	16.0	107	0.00
70		Isopropylbenzene	20.000	17.022	14.9	109	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.703	11.5	105	0.00
72		1,2,3-Trichloropropane	20.000	16.995	15.0	93	0.00
73		Bromobenzene	20.000	17.154	14.2	106	0.00
74		n-propylbenzene	20.000	17.141	14.3	107	0.00
75		2-Chlorotoluene	20.000	17.173	14.1	105	0.00
76		1,3,5-Trimethylbenzene	20.000	17.393	13.0	108	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.243	23.8	99	0.00
78		4-Chlorotoluene	20.000	18.280	8.6	111	0.00
79		tert-butylbenzene	20.000	17.436	12.8	108	0.00
80		1,2,4-Trimethylbenzene	20.000	17.154	14.2	105	0.00
81		sec-Butylbenzene	20.000	17.385	13.1	107	0.00
82		p-Isopropyltoluene	20.000	17.337	13.3	109	0.00
83	M	1,3-Dichlorobenzene	20.000	17.075	14.6	102	0.00
84	M	1,4-Dichlorobenzene	20.000	17.287	13.6	105	0.00
85		n-Butylbenzene	20.000	17.390	13.0	111	0.00
86	T	Hexachloroethane	20.000	17.975	10.1	109	0.00
87	M	1,2-Dichlorobenzene	20.000	18.016	9.9	109	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.204	9.0	104	0.00
89		1,2,4-Trichlorobenzene	20.000	17.505	12.5	110	0.00
90		Hexachlorobutadiene	20.000	18.275	8.6	106	0.00
91	M	Naphthalene	20.000	16.990	15.1	109	0.00
92		1,2,3-Trichlorobenzene	20.000	17.505	12.5	110	0.00

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

Raw Data: **VN087912.D**

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.:	Q3149
Instrument ID:	MSVOA_N	Calibration Date/Time:	09/22/2025 10:19
Lab File ID:	VN087912.D	Init. Calib. Date(s):	09/04/2025 09/04/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	16:23 17:46

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.576	1.393	0.5	-11.61	
Toluene	1.815	1.582	0.4	-12.84	
Ethyl Benzene	1.958	1.660	0.1	-15.22	
m/p-Xylenes	0.727	0.651	0.3	-10.45	
o-Xylene	0.705	0.613	0.3	-13.05	
1,2-Dichloroethane-d4	2.563	2.327	0.01	-9.21	
Toluene-d8	1.395	1.349	0.01	-3.3	
4-Bromofluorobenzene	0.482	0.493	0.2	2.28	

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\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.794	128	50702	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	240101	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	230490	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	117995	27.244	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 90.800%#				
60) 4-Bromofluorobenzene	12.829	95	113642	30.664	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.200%				
63) Toluene-d8	10.541	98	310927	29.007	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	47144	14.961	ug/l		99
3) Chloromethane	2.383	50	41718	12.611	ug/l		99
4) Vinyl Chloride	2.542	62	46110	12.331	ug/l		98
5) Bromomethane	2.983	94	28928	13.187	ug/l		96
6) Chloroethane	3.147	64	32261	12.623	ug/l	#	82
7) Trichlorofluoromethane	3.518	101	80065	14.607	ug/l		95
8) Diethyl Ether	3.965	74	30002	12.962	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.365	101	43664	14.707	ug/l		82
10) 1,1-Dichloroethene	4.336	96	43237	14.126	ug/l		88
11) Methyl Iodide	4.577	142	28923	13.349	ug/l		93
12) Methyl Acetate	5.018	43	80667	17.097	ug/l		97
13) Acrolein	4.177	56	57204	68.093	ug/l	#	35
14) Acrylonitrile	5.712	53	157906	77.752	ug/l		96
15) Acetone	4.424	58	43236	68.243	ug/l		84
16) Carbon Disulfide	4.706	76	112244	13.356	ug/l	#	88
17) Allyl chloride	5.018	41	68150	13.632	ug/l		89
18) Methylene Chloride	5.265	84	57890	16.696	ug/l		85
19) trans-1,2-Dichloroethene	5.777	96	51014	16.342	ug/l		98
20) Diisopropyl ether	6.653	45	172273	14.985	ug/l		97
21) 1,1-Dichloroethane	6.547	63	101957	16.195	ug/l	#	92
22) cis-1,2-Dichloroethene	7.471	96	62893	16.598	ug/l		99
23) tert-Butyl Alcohol	5.512	59	52623	73.299	ug/l	#	100
24) Methyl tert-Butyl Ether	5.788	73	170995	15.648	ug/l		96
25) Chloroform	7.947	83	111384	16.902	ug/l		86
26) Cyclohexane	8.235	56	63379	13.219	ug/l	#	94
29) 1,1-Dichloropropene	8.353	75	65087	16.680	ug/l		96
30) 2-Butanone	7.471	43	226156	84.135	ug/l		100
31) 2,2-Dichloropropane	7.471	77	89677	19.065	ug/l		99
32) 1,1,1-Trichloroethane	8.153	97	94858	19.175	ug/l		96
33) Carbon Tetrachloride	8.347	117	78684	19.076	ug/l		96
34) Benzene	8.582	78	223004	17.683	ug/l		96
35) Methacrylonitrile	7.759	41	44830	15.944	ug/l		96
36) 1,2-Dichloroethane	8.653	62	84398	17.717	ug/l		99
37) Trichloroethene	9.335	130	52688	18.690	ug/l		86
38) Methylcyclohexane	9.582	83	64465	15.004	ug/l		99
39) 1,2-Dichloropropane	9.594	63	57609	17.836	ug/l		99
40) Dibromomethane	9.688	93	47444	19.738	ug/l		92
41) Bromodichloromethane	9.865	83	90875	18.497	ug/l	#	99
42) Vinyl Acetate	6.588	43	767525	85.459	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	93186	16.968	ug/l	99
44) Isopropyl Acetate	8.671	43	140251	16.290	ug/l	98
45) 1,4-Dioxane	9.682	88	18440	339.627	ug/l	88
46) Methyl methacrylate	9.665	41	61765	15.564	ug/l	86
47) n-amyl Acetate	12.676	43	91343m	15.700	ug/l	
48) t-1,3-Dichloropropene	10.818	75	85602	16.776	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	89878	17.197	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	58936	18.983	ug/l	94
51) Ethyl methacrylate	10.853	69	73960	15.307	ug/l	95
52) 1,3-Dichloropropane	11.141	76	96375	17.877	ug/l	99
53) Dibromochloromethane	11.335	129	71783	20.621	ug/l	90
54) 1,2-Dibromoethane	11.447	107	60899	18.851	ug/l	95
55) 2-Chloroethyl vinyl ether	10.141	63	94030	33.966	ug/l	96
56) Bromoform	12.559	173	47794	21.024	ug/l	100
58) 4-Methyl-2-Pentanone	10.423	43	458645	84.156	ug/l	99
59) 2-Hexanone	11.176	43	293347	82.373	ug/l	100
61) Tetrachloroethene	11.082	164	47006	20.483	ug/l	95
62) Toluene	10.606	91	243154	17.441	ug/l	100
64) Chlorobenzene	11.870	112	163117	19.062	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.935	131	60739	20.161	ug/l	96
66) Ethyl Benzene	11.941	91	255117	16.961	ug/l	90
67) m/p-Xylenes	12.047	106	199969	35.816	ug/l	94
68) o-Xylene	12.376	106	94200	17.401	ug/l	99
69) Styrene	12.388	104	161489	17.163	ug/l	99
70) Isopropylbenzene	12.676	105	234417	17.078	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	93999	19.049	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	90273m	18.631	ug/l	
73) Bromobenzene	12.959	156	66464	19.791	ug/l	88
74) n-propylbenzene	13.012	91	310388	17.922	ug/l	99
75) 2-Chlorotoluene	13.100	91	185719	17.817	ug/l	94
76) 1,3,5-Trimethylbenzene	13.147	105	213599	18.427	ug/l	96
77) t-1,4-Dichloro-2-butene	12.717	75	28494	17.424	ug/l	93
78) 4-Chlorotoluene	13.200	91	194333	18.493	ug/l	100
79) tert-butylbenzene	13.412	119	179688	18.510	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	212078	17.846	ug/l	95
81) sec-Butylbenzene	13.594	105	263546	18.458	ug/l	97
82) p-Isopropyltoluene	13.706	119	220480	18.741	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	131101	20.249	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	130282	20.075	ug/l	98
85) n-Butylbenzene	14.035	91	201885	17.853	ug/l	99
86) Hexachloroethane	14.306	117	48159	20.154	ug/l	94
87) 1,2-Dichlorobenzene	14.082	146	122135	20.001	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20261	18.502	ug/l	91
89) 1,2,4-Trichlorobenzene	15.811	180	70931	20.423	ug/l	99
90) Hexachlorobutadiene	15.470	225	28971	24.883	ug/l	96
91) Naphthalene	15.611	128	220365	17.235	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	70931	20.423	ug/l	99

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

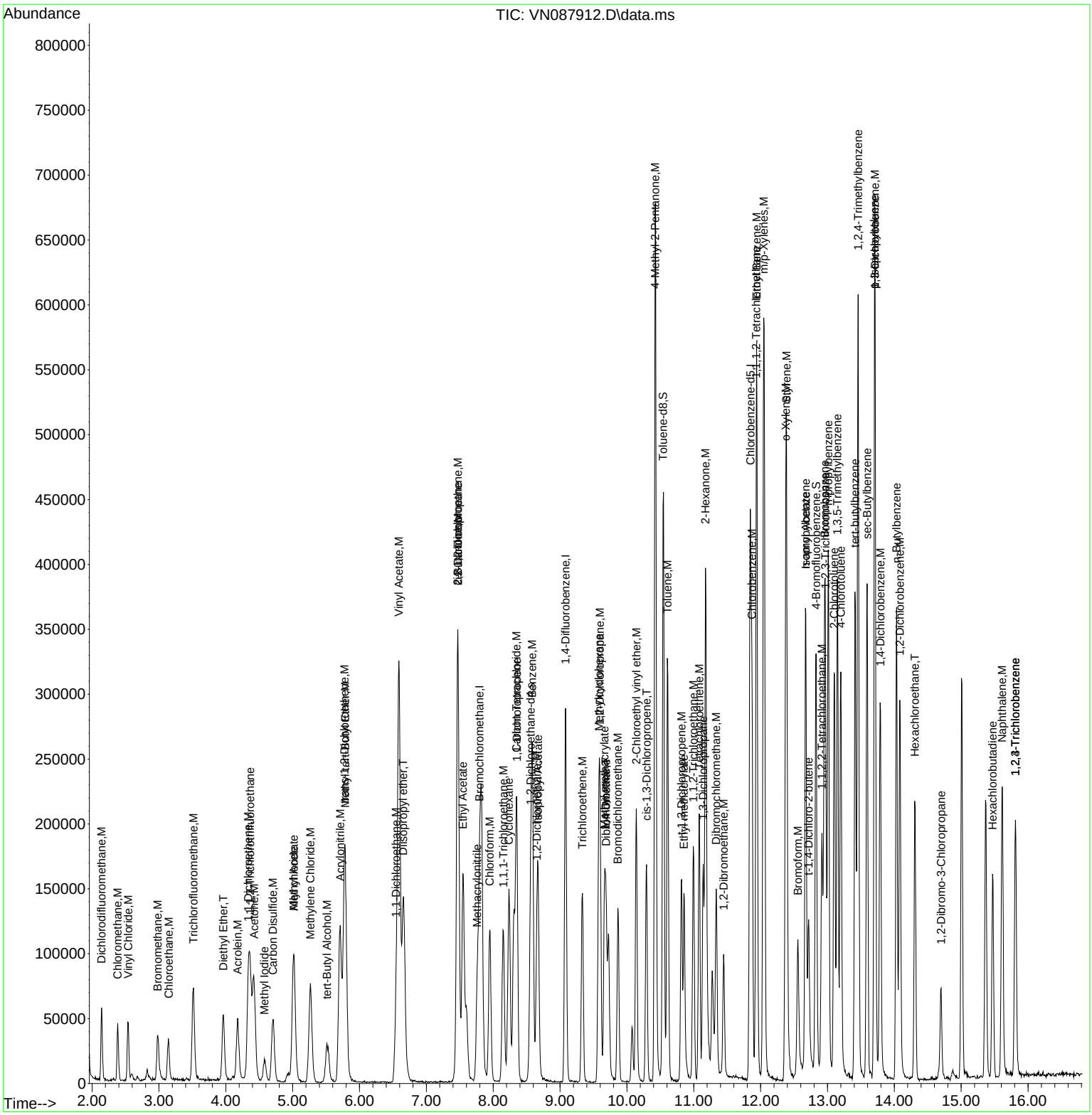
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Sample Results: **VN087912.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	118	0.00
2	M	Dichlorodifluoromethane	1.865	1.395	25.2#	94	0.00
3	M	Chloromethane	1.957	1.234	36.9#	82	0.00
4	M	Vinyl Chloride	2.213	1.364	38.4#	81	0.00
5	M	Bromomethane	1.298	0.856	34.1#	92	0.00
6	M	Chloroethane	1.512	0.954	36.9#	83	0.00
7	M	Trichlorofluoromethane	3.243	2.369	27.0#	97	0.00
8	T	Diethyl Ether	1.370	0.888	35.2#	90	0.01
9		1,1,2-Trichlorotrifluoroeth	1.757	1.292	26.5#	96	0.00
10	M	1,1-Dichloroethene	1.811	1.279	29.4#	96	0.00
11		Methyl Iodide	1.282	0.856	33.2#	108	0.00
12		Methyl Acetate	2.792	2.387	14.5	111	0.00
13	M	Acrolein	0.497	0.338	32.0#	93	0.00
14	M	Acrylonitrile	1.202	0.934	22.3	105	0.00
15	M	Acetone	0.375	0.256	31.7#	95	0.00
16	M	Carbon Disulfide	4.972	3.321	33.2#	90	0.00
17		Allyl chloride	2.958	2.016	31.8#	94	0.00
18	M	Methylene Chloride	2.052	1.713	16.5	115	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.509	18.3	108	0.00
20	T	Diisopropyl ether	6.802	5.097	25.1#	102	0.00
21	M	1,1-Dichloroethane	3.725	3.016	19.0	109	0.00
22	M	cis-1,2-Dichloroethene	2.242	1.861	17.0	111	0.00
23	M	tert-Butyl Alcohol	0.425	0.311	26.8#	96	-0.02
24	M	Methyl tert-Butyl Ether	6.466	5.059	21.8	108	0.00
25	M	Chloroform	3.899	3.295	15.5	112	0.00
26		Cyclohexane	2.837	1.875	33.9#	91	0.00
27	s	1,2-Dichloroethane-d4	2.563	2.327	9.2	110	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29		1,1-Dichloropropene	0.488	0.407	16.6	103	0.00
30	M	2-Butanone	0.336	0.283	15.8	106	0.00
31		2,2-Dichloropropane	0.588	0.560	4.8	128	0.00
32	M	1,1,1-Trichloroethane	0.618	0.593	4.0	116	0.00
33	M	Carbon Tetrachloride	0.515	0.492	4.5	120	0.00
34	M	Benzene	1.576	1.393	11.6	110	0.00
35		Methacrylonitrile	0.351	0.280	20.2	92	0.00
36	M	1,2-Dichloroethane	0.595	0.527	11.4	108	0.00
37	M	Trichloroethene	0.352	0.329	6.5	116	0.00
38		Methylcyclohexane	0.537	0.403	25.0	96	0.00
39	M	1,2-Dichloropropane	0.404	0.360	10.9	109	0.00
40		Dibromomethane	0.300	0.296	1.3	122	0.00
41	M	Bromodichloromethane	0.614	0.568	7.5	113	0.00
42	M	Vinyl Acetate	1.122	0.959	14.5	109	0.00
43		Ethyl Acetate	0.686	0.582	15.2	102	0.00
44		Isopropyl Acetate	1.076	0.876	18.6	100	0.00
45	T	1,4-Dioxane	0.007	0.006	14.3	98	0.00
46		Methyl methacrylate	0.496	0.386	22.2	99	0.00
47		n-amyl Acetate	0.727	0.571	21.5	125	0.00
48	M	t-1,3-Dichloropropene	0.638	0.535	16.1	109	0.00

Sample Results: **VN087912.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	0.653	0.562	13.9	113	0.00
50	M	1,1,2-Trichloroethane	0.388	0.368	5.2	118	0.00
51		Ethyl methacrylate	0.604	0.462	23.5	102	0.00
52		1,3-Dichloropropane	0.674	0.602	10.7	110	0.00
53	M	Dibromochloromethane	0.435	0.448	-3.0	138	0.00
54	M	1,2-Dibromoethane	0.404	0.380	5.9	119	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.117	66.2#	42#	0.00
56	M	Bromoform	0.284	0.299	-5.3	140	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.597	15.8	106	0.00
59	M	2-Hexanone	0.464	0.382	17.7	106	0.00
60	S	4-Bromofluorobenzene	0.482	0.493	-2.3	117	0.00
61	M	Tetrachloroethene	0.299	0.306	-2.3	128	0.00
62	M	Toluene	1.815	1.582	12.8	110	0.00
63	S	Toluene-d8	1.395	1.349	3.3	111	0.00
64	M	Chlorobenzene	1.114	1.062	4.7	123	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.395	-0.8	130	0.00
66	M	Ethyl Benzene	1.958	1.660	15.2	111	0.00
67	M	m/p-Xylenes	0.727	0.651	10.5	118	0.00
68	M	o-Xylene	0.705	0.613	13.0	111	0.00
69	M	Styrene	1.225	1.051	14.2	114	0.00
70		Isopropylbenzene	1.787	1.526	14.6	114	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.612	4.7	118	0.00
72		1,2,3-Trichloropropane	0.631	0.587	7.0	107	0.00
73		Bromobenzene	0.437	0.433	0.9	128	0.00
74		n-propylbenzene	2.254	2.020	10.4	116	0.00
75		2-Chlorotoluene	1.357	1.209	10.9	113	0.00
76		1,3,5-Trimethylbenzene	1.509	1.390	7.9	120	0.00
77		t-1,4-Dichloro-2-butene	0.213	0.185	13.1	118	0.00
78		4-Chlorotoluene	1.368	1.265	7.5	117	0.00
79		tert-butylbenzene	1.263	1.169	7.4	120	0.00
80		1,2,4-Trimethylbenzene	1.547	1.380	10.8	114	0.00
81		sec-Butylbenzene	1.858	1.715	7.7	119	0.00
82		p-Isopropyltoluene	1.531	1.435	6.3	123	0.00
83	M	1,3-Dichlorobenzene	0.843	0.853	-1.2	126	0.00
84	M	1,4-Dichlorobenzene	0.845	0.848	-0.4	127	0.00
85		n-Butylbenzene	1.472	1.314	10.7	119	0.00
86	T	Hexachloroethane	0.311	0.313	-0.6	127	0.00
87	M	1,2-Dichlorobenzene	0.795	0.795	0.0	126	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.132	7.7	111	0.00
89		1,2,4-Trichlorobenzene	0.452	0.462	-2.2	134	0.00
90		Hexachlorobutadiene	0.152	0.189	-24.3	150#	0.00
91	M	Naphthalene	1.664	1.434	13.8	116	0.00
92		1,2,3-Trichlorobenzene	0.452	0.462	-2.2	134	0.00

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

Sample Results: **VN087912.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	118	0.00
2	M	Dichlorodifluoromethane	20.000	14.961	25.2#	94	0.00
3	M	Chloromethane	20.000	12.611	36.9#	82	0.00
4	M	Vinyl Chloride	20.000	12.331	38.3#	81	0.00
5	M	Bromomethane	20.000	13.187	34.1#	92	0.00
6	M	Chloroethane	20.000	12.623	36.9#	83	0.00
7	M	Trichlorofluoromethane	20.000	14.607	27.0#	97	0.00
8	T	Diethyl Ether	20.000	12.962	35.2#	90	0.01
9		1,1,2-Trichlorotrifluoroeth	20.000	14.707	26.5#	96	0.00
10	M	1,1-Dichloroethene	20.000	14.126	29.4#	96	0.00
11		Methyl Iodide	20.000	13.349	33.3#	108	0.00
12		Methyl Acetate	20.000	17.097	14.5	111	0.00
13	M	Acrolein	100.000	68.093	31.9#	93	0.00
14	M	Acrylonitrile	100.000	77.752	22.2	105	0.00
15	M	Acetone	100.000	68.243	31.8#	95	0.00
16	M	Carbon Disulfide	20.000	13.356	33.2#	90	0.00
17		Allyl chloride	20.000	13.632	31.8#	94	0.00
18	M	Methylene Chloride	20.000	16.696	16.5	115	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.342	18.3	108	0.00
20	T	Diisopropyl ether	20.000	14.985	25.1#	102	0.00
21	M	1,1-Dichloroethane	20.000	16.195	19.0	109	0.00
22	M	cis-1,2-Dichloroethene	20.000	16.598	17.0	111	0.00
23	M	tert-Butyl Alcohol	100.000	73.299	26.7#	96	-0.02
24	M	Methyl tert-Butyl Ether	20.000	15.648	21.8	108	0.00
25	M	Chloroform	20.000	16.902	15.5	112	0.00
26		Cyclohexane	20.000	13.219	33.9#	91	0.00
27	s	1,2-Dichloroethane-d4	30.000	27.244	9.2	110	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29		1,1-Dichloropropene	20.000	16.680	16.6	103	0.00
30	M	2-Butanone	100.000	84.135	15.9	106	0.00
31		2,2-Dichloropropane	20.000	19.065	4.7	128	0.00
32	M	1,1,1-Trichloroethane	20.000	19.175	4.1	116	0.00
33	M	Carbon Tetrachloride	20.000	19.076	4.6	120	0.00
34	M	Benzene	20.000	17.683	11.6	110	0.00
35		Methacrylonitrile	20.000	15.944	20.3	92	0.00
36	M	1,2-Dichloroethane	20.000	17.717	11.4	108	0.00
37	M	Trichloroethene	20.000	18.690	6.5	116	0.00
38		Methylcyclohexane	20.000	15.004	25.0	96	0.00
39	M	1,2-Dichloropropane	20.000	17.836	10.8	109	0.00
40		Dibromomethane	20.000	19.738	1.3	122	0.00
41	M	Bromodichloromethane	20.000	18.497	7.5	113	0.00
42	M	Vinyl Acetate	100.000	85.459	14.5	109	0.00
43		Ethyl Acetate	20.000	16.968	15.2	102	0.00
44		Isopropyl Acetate	20.000	16.290	18.6	100	0.00
45	T	1,4-Dioxane	400.000	339.627	15.1	98	0.00
46		Methyl methacrylate	20.000	15.564	22.2	99	0.00
47		n-amyl Acetate	20.000	15.700	21.5	125	0.00
48	M	t-1,3-Dichloropropene	20.000	16.776	16.1	109	0.00

Sample Results: **VN087912.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087912.D
Acq On : 22 Sep 2025 10:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 23 04:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	17.197	14.0	113	0.00
50	M	1,1,2-Trichloroethane	20.000	18.983	5.1	118	0.00
51		Ethyl methacrylate	20.000	15.307	23.5	102	0.00
52		1,3-Dichloropropane	20.000	17.877	10.6	110	0.00
53	M	Dibromochloromethane	20.000	20.621	-3.1	138	0.00
54	M	1,2-Dibromoethane	20.000	18.851	5.7	119	0.00
55	M	2-Chloroethyl vinyl ether	100.000	33.966	66.0#	42	0.00
56	M	Bromoform	20.000	21.024	-5.1	140	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	116	0.00
58	M	4-Methyl-2-Pentanone	100.000	84.156	15.8	106	0.00
59	M	2-Hexanone	100.000	82.373	17.6	106	0.00
60	S	4-Bromofluorobenzene	30.000	30.664	-2.2	117	0.00
61	M	Tetrachloroethene	20.000	20.483	-2.4	128	0.00
62	M	Toluene	20.000	17.441	12.8	110	0.00
63	S	Toluene-d8	30.000	29.007	3.3	111	0.00
64	M	Chlorobenzene	20.000	19.062	4.7	123	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.161	-0.8	130	0.00
66	M	Ethyl Benzene	20.000	16.961	15.2	111	0.00
67	M	m/p-Xylenes	40.000	35.816	10.5	118	0.00
68	M	o-Xylene	20.000	17.401	13.0	111	0.00
69	M	Styrene	20.000	17.163	14.2	114	0.00
70		Isopropylbenzene	20.000	17.078	14.6	114	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.049	4.8	118	0.00
72		1,2,3-Trichloropropane	20.000	18.631	6.8	107	0.00
73		Bromobenzene	20.000	19.791	1.0	128	0.00
74		n-propylbenzene	20.000	17.922	10.4	116	0.00
75		2-Chlorotoluene	20.000	17.817	10.9	113	0.00
76		1,3,5-Trimethylbenzene	20.000	18.427	7.9	120	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.424	12.9	118	0.00
78		4-Chlorotoluene	20.000	18.493	7.5	117	0.00
79		tert-butylbenzene	20.000	18.510	7.4	120	0.00
80		1,2,4-Trimethylbenzene	20.000	17.846	10.8	114	0.00
81		sec-Butylbenzene	20.000	18.458	7.7	119	0.00
82		p-Isopropyltoluene	20.000	18.741	6.3	123	0.00
83	M	1,3-Dichlorobenzene	20.000	20.249	-1.2	126	0.00
84	M	1,4-Dichlorobenzene	20.000	20.075	-0.4	127	0.00
85		n-Butylbenzene	20.000	17.853	10.7	119	0.00
86	T	Hexachloroethane	20.000	20.154	-0.8	127	0.00
87	M	1,2-Dichlorobenzene	20.000	20.001	-0.0	126	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.502	7.5	111	0.00
89		1,2,4-Trichlorobenzene	20.000	20.423	-2.1	134	0.00
90		Hexachlorobutadiene	20.000	24.883	-24.4	150	0.00
91	M	Naphthalene	20.000	17.235	13.8	116	0.00
92		1,2,3-Trichlorobenzene	20.000	20.423	-2.1	134	0.00

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

QC SAMPLE DATA

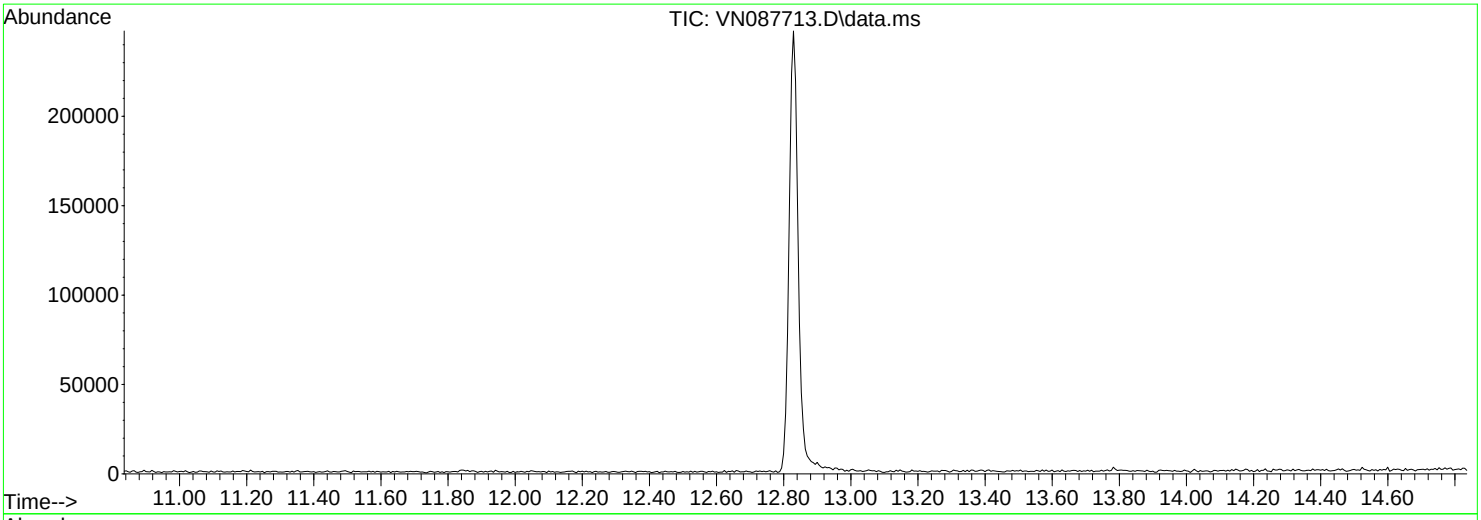
Sample Results: **VN087713.D**

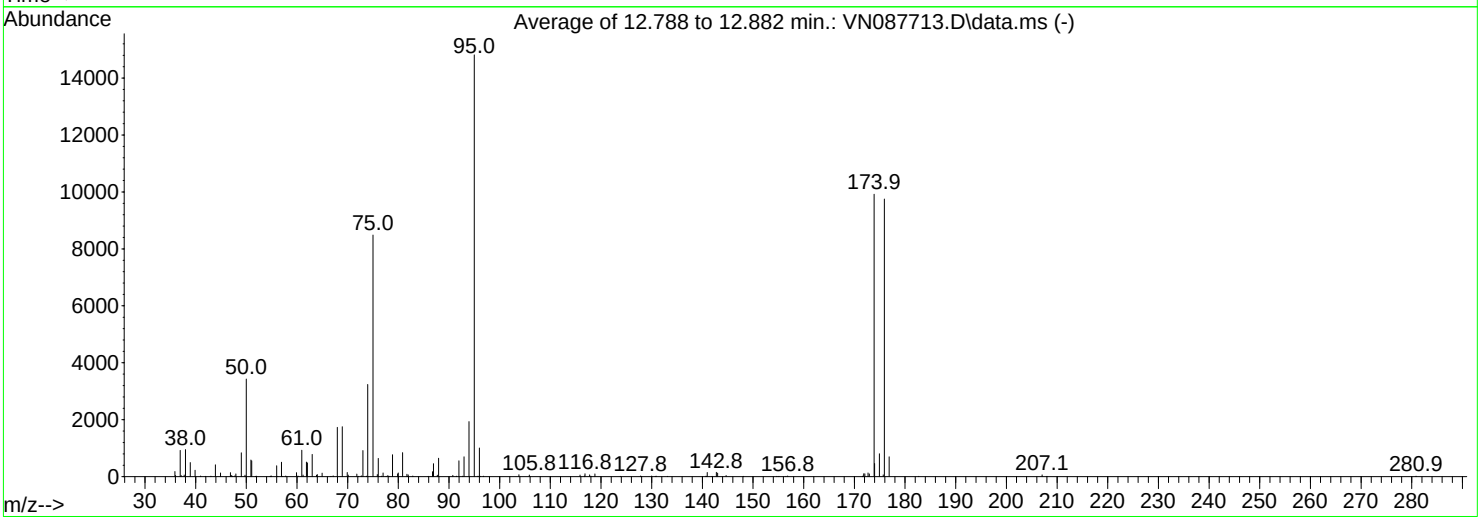
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087713.D
Acq On : 04 Sep 2025 10:10
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Sep 05 03:29:53 2025





AutoFind: Averaged scan 1842 to 1858; 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	3426	PASS
75	95	30	60	57.3	8489	PASS
95	95	100	100	100.0	14815	PASS
96	95	5	9	6.8	1008	PASS
173	174	0.00	2	1.3	131	PASS
174	95	50	100	67.0	9919	PASS
175	174	5	9	8.1	802	PASS
176	174	95	101	98.3	9751	PASS
177	176	5	9	7.1	696	PASS

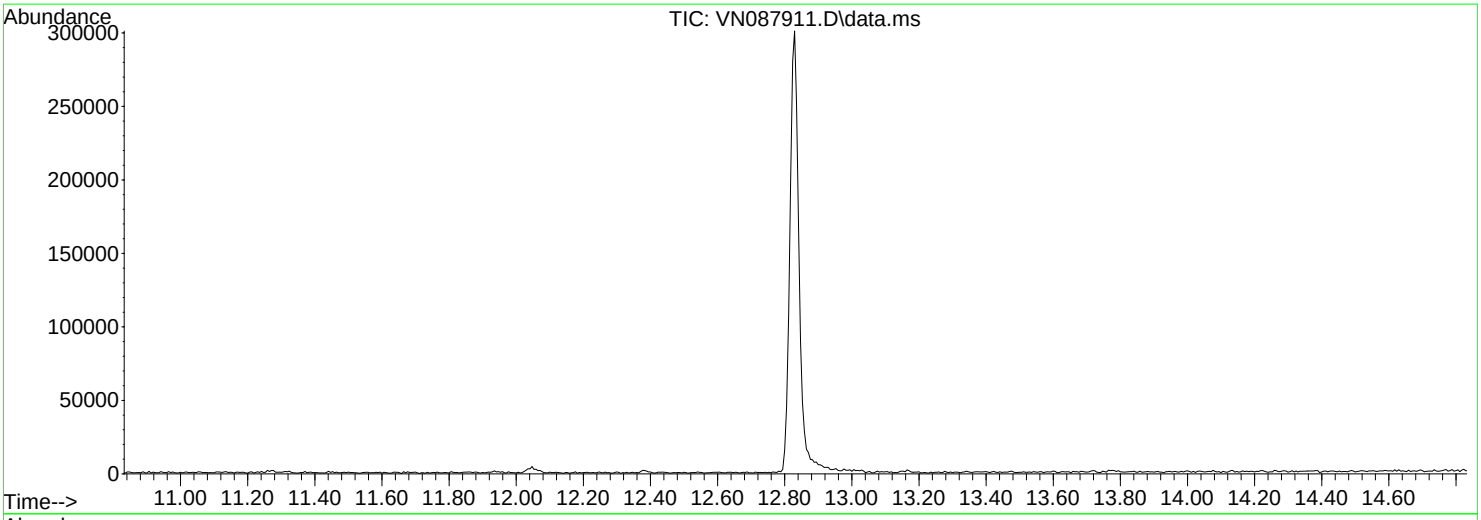
Sample Results: **VN087911.D**

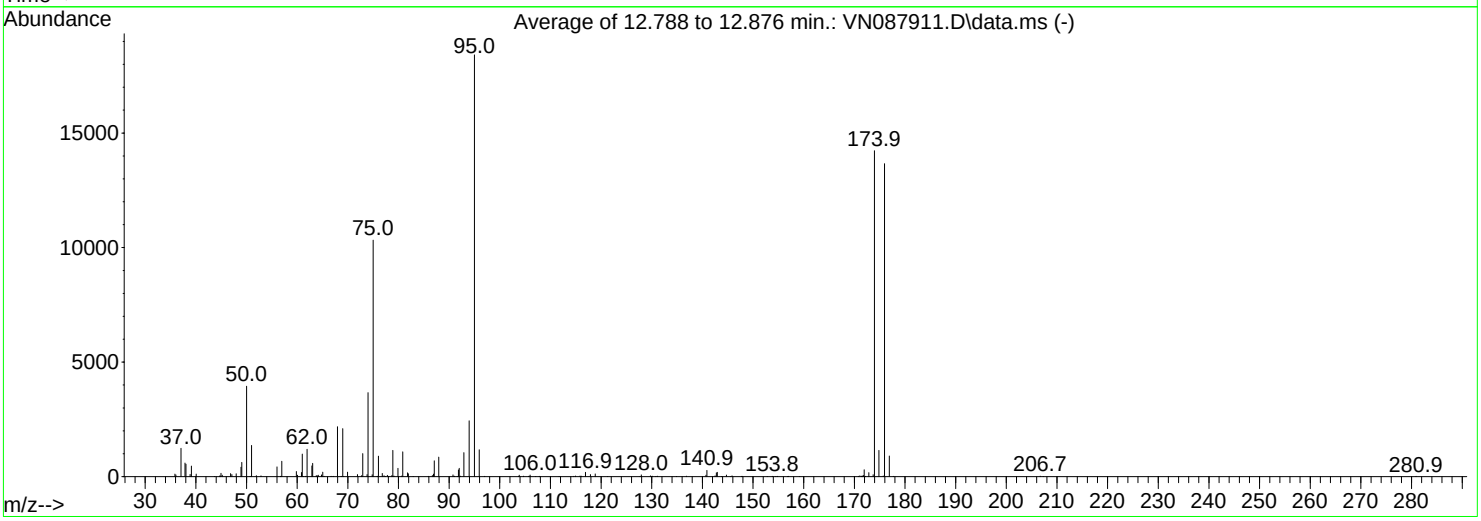
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087911.D
Acq On : 22 Sep 2025 09:54
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Sep 05 03:29:53 2025





AutoFind: Averaged scan 1842 to 1857; 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	21.4	3949	PASS
75	95	30	60	56.1	10326	PASS
95	95	100	100	100.0	18413	PASS
96	95	5	9	6.4	1176	PASS
173	174	0.00	2	1.3	178	PASS
174	95	50	100	77.3	14225	PASS
175	174	5	9	8.1	1149	PASS
176	174	95	101	96.0	13663	PASS
177	176	5	9	6.6	903	PASS

Raw Data: **VN087915.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:	VN0922WBL01		SDG No.:	Q3149	
Lab Sample ID:	VN0922WBL01		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
VN087915.D	1	09/22/25 12:26	VN092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	0.46	U	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.9		91 - 110	96%	SPK: 30
2037-26-5	Toluene-d8	28.8		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	25.4		63 - 112	85%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	53500	7.794			
540-36-3	1,4-Difluorobenzene	267000	9.082			
3114-55-4	Chlorobenzene-d5	246000	11.841			

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\VN092225\
Data File : VN087915.D
Acq On : 22 Sep 2025 12:26
Operator : JC\MD
Sample : VN0922WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Quant Time: Sep 23 04:51:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

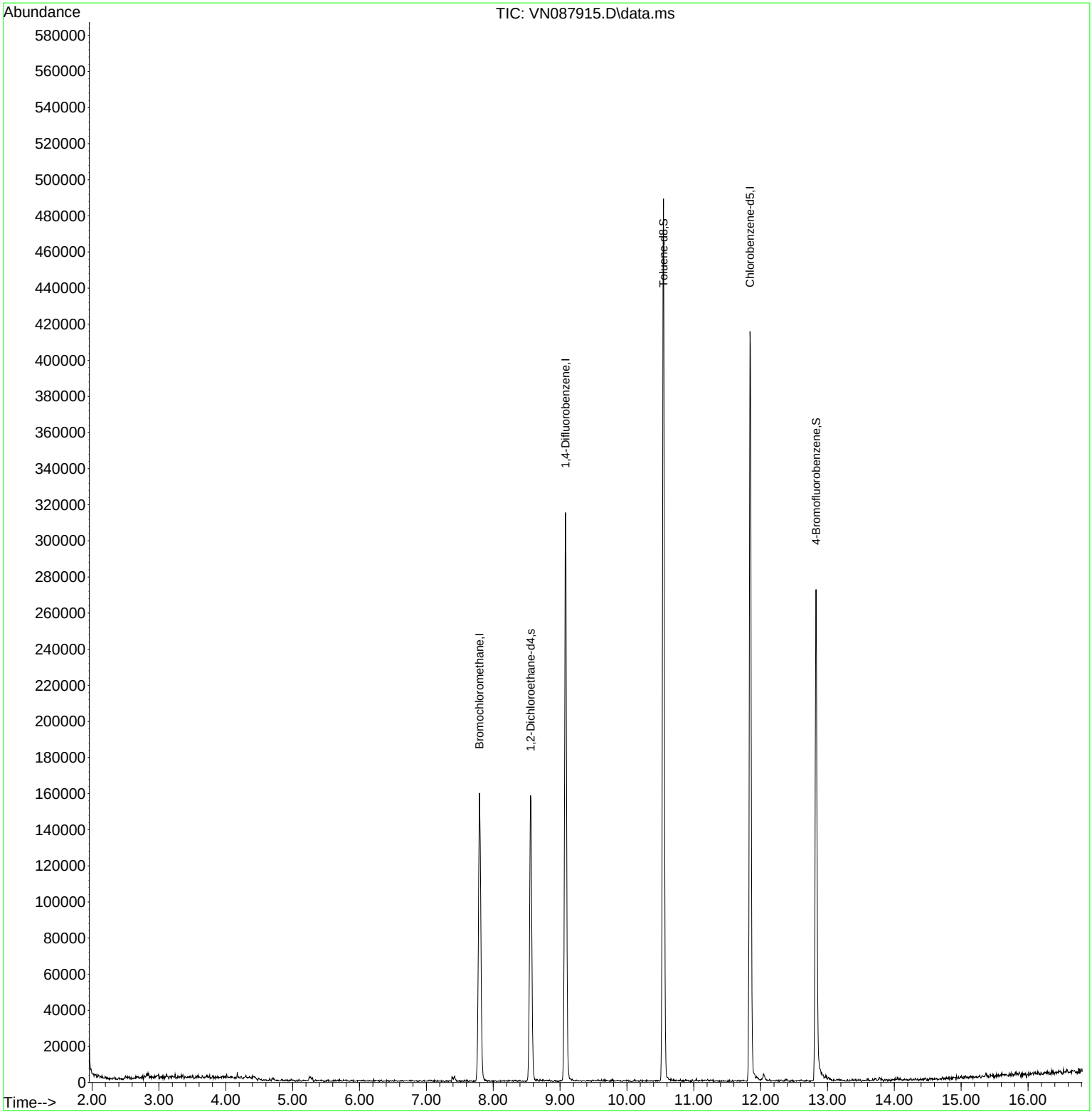
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	53463	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	267356	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	245968	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	131878	28.876	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.267%		
60) 4-Bromofluorobenzene	12.829	95	100591	25.434	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	84.767%		
63) Toluene-d8	10.547	98	329123	28.772	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.900%		
Target Compounds						Qvalue

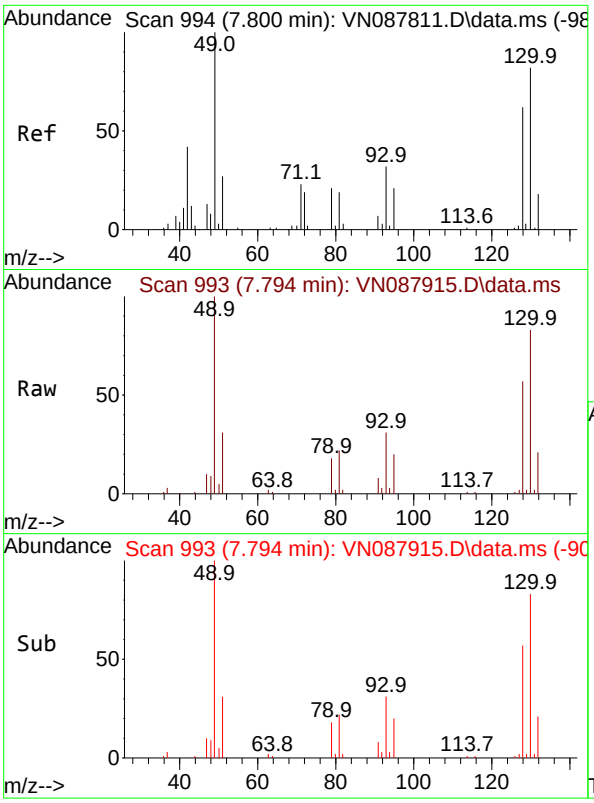
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087915.D
Acq On : 22 Sep 2025 12:26
Operator : JC\MD
Sample : VN0922WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Quant Time: Sep 23 04:51:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration



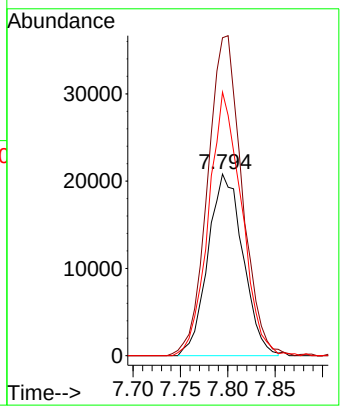


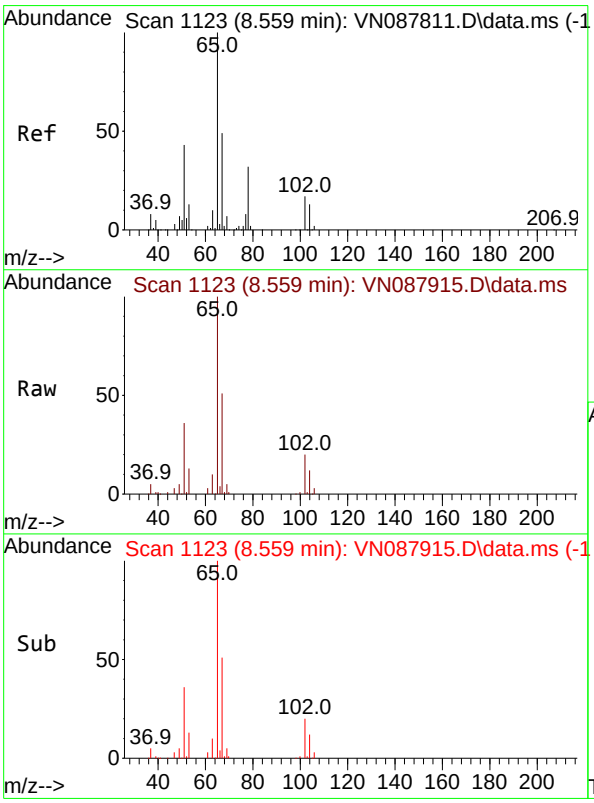
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087915.D
Acq: 22 Sep 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Tgt Ion:128 Resp: 53463

Ion	Ratio	Lower	Upper
128	100		
49	173.1	0.0	464.3
130	136.5	0.0	300.5

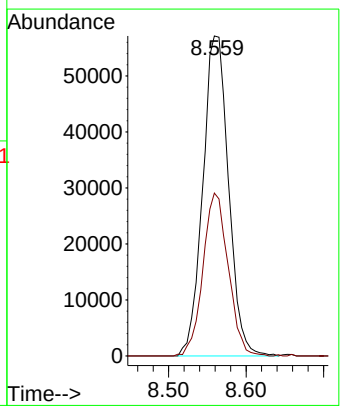


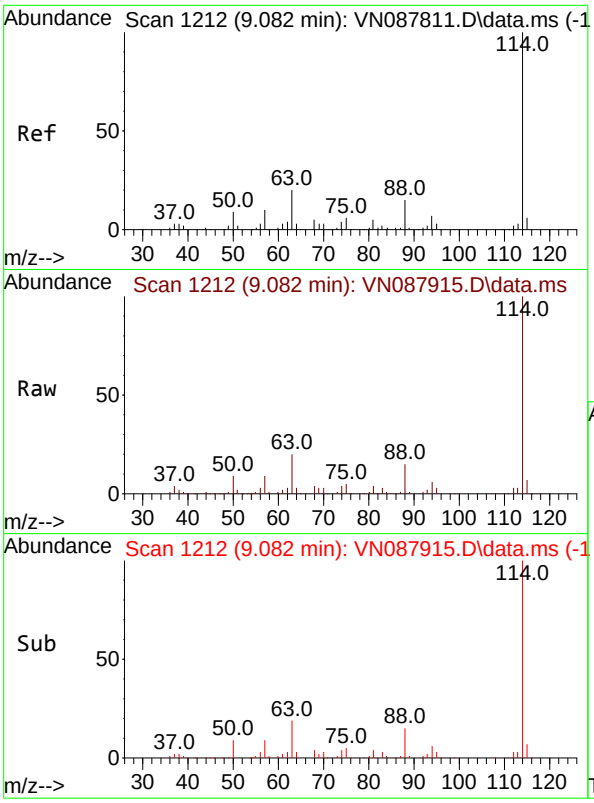


#27
1,2-Dichloroethane-d4
Concen: 28.876 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087915.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 65 Resp: 131878

Ion	Ratio	Lower	Upper
65	100		
67	49.9	39.6	59.4



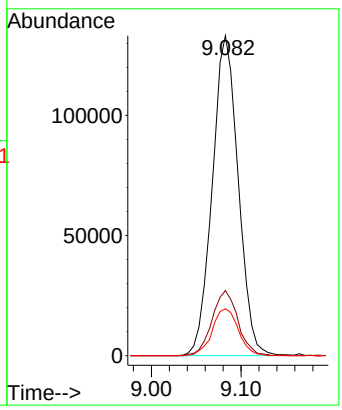


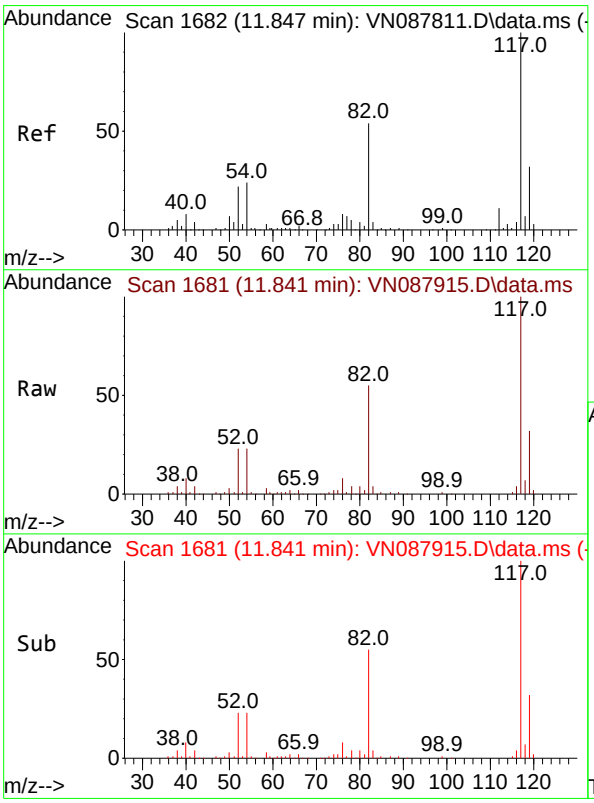
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087915.D
Acq: 22 Sep 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Tgt Ion:114 Resp: 267356

Ion	Ratio	Lower	Upper
114	100		
63	20.3	18.3	27.5
88	14.8	12.4	18.6

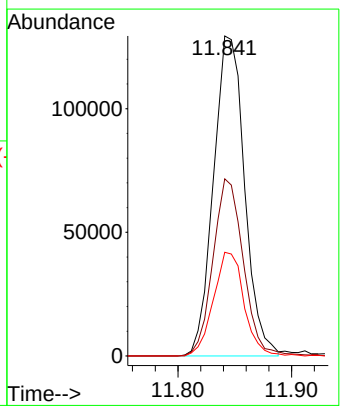


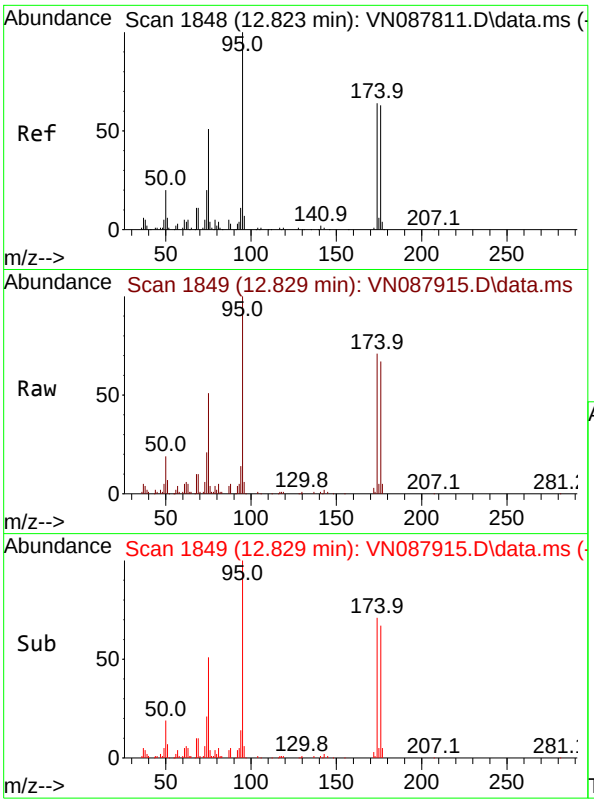


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087915.D
Acq: 22 Sep 2025 12:26

Tgt Ion:117 Resp: 245968

Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.9	68.9
119	31.8	25.3	37.9



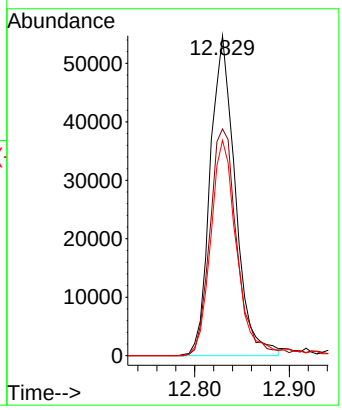


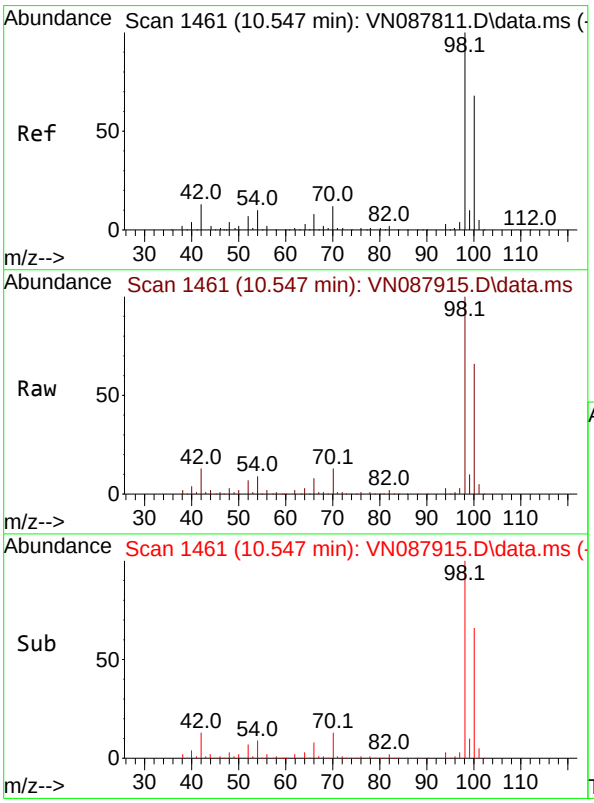
#60
4-Bromofluorobenzene
Concen: 25.434 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087915.D
Acq: 22 Sep 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Tgt Ion: 95 Resp: 100591

Ion	Ratio	Lower	Upper
95	100		
174	75.8	55.4	83.0
176	69.3	51.5	77.3

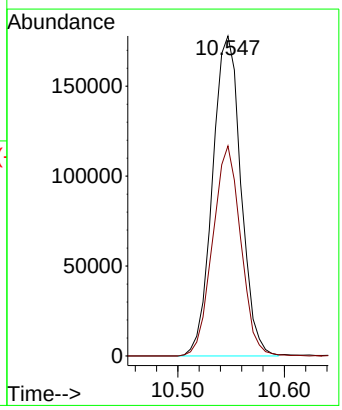




#63
Toluene-d8
Concen: 28.772 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087915.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 98 Resp: 329123

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.6	76.0



Raw Data: **VN087913.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:	VN0922WBS01		SDG No.:	Q3149	
Lab Sample ID:	VN0922WBS01		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
VN087913.D	1	09/22/25 10:57	VN092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.0		0.45	5.00	ug/L
108-88-3	Toluene	18.8		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	18.2		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	38.6		1.30	10.0	ug/L
95-47-6	o-Xylene	19.1		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.8		91 - 110	93%	SPK: 30
2037-26-5	Toluene-d8	28.4		91 - 112	95%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.5		63 - 112	98%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	47200	7.794			
540-36-3	1,4-Difluorobenzene	230000	9.077			
3114-55-4	Chlorobenzene-d5	223000	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\VN092225\
Data File : VN087913.D
Acq On : 22 Sep 2025 10:57
Operator : JC\MD
Sample : VN0922WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 04:49:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.794	128	47211	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.077	114	230333	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	222543	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	112018	27.776	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.600%				
60) 4-Bromofluorobenzene	12.829	95	105659	29.528	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.433%				
63) Toluene-d8	10.547	98	293704	28.379	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 94.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	51518	17.558	ug/l		97
3) Chloromethane	2.383	50	46561	15.116	ug/l		93
4) Vinyl Chloride	2.536	62	49891	14.329	ug/l		99
5) Bromomethane	2.983	94	28391	13.899	ug/l		93
6) Chloroethane	3.142	64	33465	14.062	ug/l	#	84
7) Trichlorofluoromethane	3.512	101	80940	15.859	ug/l		93
8) Diethyl Ether	3.959	74	33285	15.444	ug/l		88
9) 1,1,2-Trichlorotrifluo...	4.365	101	41722	15.092	ug/l		68
10) 1,1-Dichloroethene	4.342	96	42019	14.743	ug/l		95
11) Methyl Iodide	4.583	142	33696	16.702	ug/l		85
12) Methyl Acetate	5.018	43	86186	19.617	ug/l		99
13) Acrolein	4.171	56	73978	94.571	ug/l	#	43
14) Acrylonitrile	5.706	53	168621	89.167	ug/l		99
15) Acetone	4.424	58	50875	86.238	ug/l		71
16) Carbon Disulfide	4.700	76	118255	15.112	ug/l	#	90
17) Allyl chloride	5.018	41	73768	15.847	ug/l		98
18) Methylene Chloride	5.265	84	61895	19.172	ug/l	#	81
19) trans-1,2-Dichloroethene	5.777	96	54297	18.680	ug/l		96
20) Diisopropyl ether	6.659	45	186611	17.432	ug/l	#	89
21) 1,1-Dichloroethane	6.553	63	103295	17.620	ug/l	#	95
22) cis-1,2-Dichloroethene	7.465	96	64302	18.225	ug/l		99
23) tert-Butyl Alcohol	5.518	59	58234	87.113	ug/l	#	100
24) Methyl tert-Butyl Ether	5.783	73	184854	18.167	ug/l	#	81
25) Chloroform	7.947	83	119130m	19.414	ug/l		
26) Cyclohexane	8.241	56	66489	14.893	ug/l	#	94
29) 1,1-Dichloropropene	8.353	75	67632	18.067	ug/l		95
30) 2-Butanone	7.465	43	243837	94.559	ug/l		99
31) 2,2-Dichloropropane	7.477	77	97569	21.622	ug/l	#	84
32) 1,1,1-Trichloroethane	8.147	97	96916	20.422	ug/l		99
33) Carbon Tetrachloride	8.341	117	81521	20.602	ug/l		98
34) Benzene	8.583	78	230417	19.046	ug/l		99
35) Methacrylonitrile	7.765	41	50228	18.622	ug/l		93
36) 1,2-Dichloroethane	8.653	62	88454	19.356	ug/l		100
37) Trichloroethene	9.335	130	52312	19.343	ug/l		95
38) Methylcyclohexane	9.577	83	66726	16.188	ug/l		96
39) 1,2-Dichloropropane	9.600	63	60893	19.652	ug/l		95
40) Dibromomethane	9.688	93	47952	20.795	ug/l		96
41) Bromodichloromethane	9.871	83	94561	20.063	ug/l	#	88
42) Vinyl Acetate	6.589	43	749949	87.043	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087913.D
Acq On : 22 Sep 2025 10:57
Operator : JC\MD
Sample : VN0922WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 04:49:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	96123	18.245	ug/l		95
44) Isopropyl Acetate	8.671	43	148503	17.980	ug/l		99
45) 1,4-Dioxane	9.677	88	19715	378.509	ug/l	#	92
46) Methyl methacrylate	9.665	41	63823	16.765	ug/l		86
47) n-amyl Acetate	12.665	43	99368m	17.803	ug/l		
48) t-1,3-Dichloropropene	10.818	75	90740	18.537	ug/l		94
49) cis-1,3-Dichloropropene	10.294	75	99462	19.838	ug/l		90
50) 1,1,2-Trichloroethane	10.994	97	62007	20.819	ug/l		96
51) Ethyl methacrylate	10.853	69	84350	18.198	ug/l		95
52) 1,3-Dichloropropane	11.141	76	103305	19.975	ug/l		98
53) Dibromochloromethane	11.335	129	71016	21.266	ug/l		95
54) 1,2-Dibromoethane	11.447	107	64658	20.864	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	228461	86.026	ug/l		97
56) Bromoform	12.565	173	49625	22.755	ug/l		96
58) 4-Methyl-2-Pentanone	10.424	43	477626	90.769	ug/l		98
59) 2-Hexanone	11.177	43	314525	91.474	ug/l		98
61) Tetrachloroethene	11.082	164	46541	21.005	ug/l		95
62) Toluene	10.606	91	253155	18.806	ug/l		100
64) Chlorobenzene	11.871	112	167272	20.246	ug/l		95
65) 1,1,1,2-Tetrachloroethane	11.941	131	59947	20.609	ug/l		98
66) Ethyl Benzene	11.941	91	264265	18.197	ug/l	#	88
67) m/p-Xylenes	12.047	106	208192	38.620	ug/l		91
68) o-Xylene	12.376	106	99744	19.083	ug/l		98
69) Styrene	12.394	104	167909	18.483	ug/l		97
70) Isopropylbenzene	12.676	105	246969	18.635	ug/l		95
71) 1,1,2,2-Tetrachloroethane	12.918	83	94358	19.804	ug/l		96
72) 1,2,3-Trichloropropane	12.976	75	91017m	19.456	ug/l		
73) Bromobenzene	12.959	156	70375	21.704	ug/l		85
74) n-propylbenzene	13.012	91	316138	18.906	ug/l		97
75) 2-Chlorotoluene	13.106	91	197148	19.589	ug/l		95
76) 1,3,5-Trimethylbenzene	13.153	105	223396	19.961	ug/l		97
77) t-1,4-Dichloro-2-butene	12.718	75	27358	17.326	ug/l	#	78
78) 4-Chlorotoluene	13.200	91	204223	20.128	ug/l		98
79) tert-butylbenzene	13.418	119	182120	19.431	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	224582	19.573	ug/l		98
81) sec-Butylbenzene	13.594	105	274953	19.944	ug/l		97
82) p-Isopropyltoluene	13.706	119	232439	20.463	ug/l		96
83) 1,3-Dichlorobenzene	13.712	146	134692	21.546	ug/l		97
84) 1,4-Dichlorobenzene	13.788	146	134999	21.545	ug/l		98
85) n-Butylbenzene	14.035	91	214243	19.622	ug/l		99
86) Hexachloroethane	14.312	117	50251	21.780	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	130451	22.126	ug/l		96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20575	19.460	ug/l		87
89) 1,2,4-Trichlorobenzene	15.812	180	75355	22.472	ug/l		97
90) Hexachlorobutadiene	15.470	225	30765	27.367	ug/l		93
91) Naphthalene	15.617	128	229779	18.613	ug/l		97
92) 1,2,3-Trichlorobenzene	15.812	180	75355	22.472	ug/l		97

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

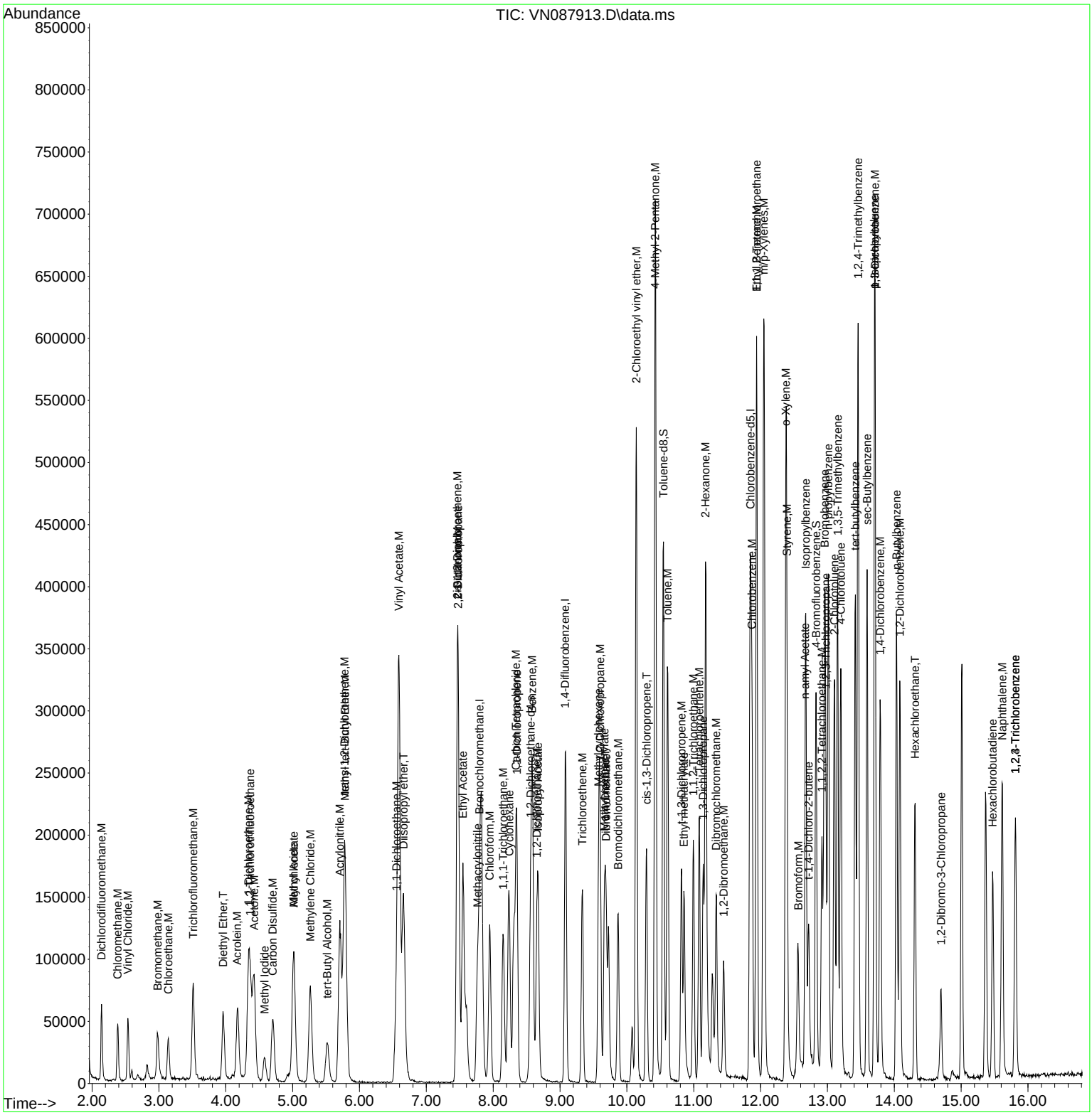
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087913.D
Acq On : 22 Sep 2025 10:57
Operator : JC\MD
Sample : VN0922WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 04:49:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Raw Data: **VN087918.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:	09/18/25
Project:	Transfer Station-SPDES	Date Received:	09/19/25
Client Sample ID:	002 35th Ave(Aug)MS	SDG No.:	Q3149
Lab Sample ID:	Q3149-03MS	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
VN087918.D	1	09/22/25 13:45	VN092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	15.8		0.45	5.00	ug/L
108-88-3	Toluene	15.9		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	15.0		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	31.2		1.30	10.0	ug/L
95-47-6	o-Xylene	15.4		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.4		91 - 110	91%	SPK: 30
2037-26-5	Toluene-d8	29.7		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.7		63 - 112	99%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	50900	7.8			
540-36-3	1,4-Difluorobenzene	242000	9.083			
3114-55-4	Chlorobenzene-d5	230000	11.841			

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\VN092225\
Data File : VN087918.D
Acq On : 22 Sep 2025 13:45
Operator : JC\MD
Sample : Q3149-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 23 04:52:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	50886	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	242033	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	230193	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	119057	27.389	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.300%				
60) 4-Bromofluorobenzene	12.823	95	109757	29.653	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.833%				
63) Toluene-d8	10.547	98	318276	29.731	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	43749	13.833	ug/l		91
3) Chloromethane	2.383	50	42123	12.688	ug/l		97
4) Vinyl Chloride	2.536	62	42613	11.355	ug/l		100
5) Bromomethane	2.983	94	25530	11.596	ug/l		93
6) Chloroethane	3.142	64	27610	10.764	ug/l	#	83
7) Trichlorofluoromethane	3.512	101	73297	13.324	ug/l	#	82
8) Diethyl Ether	3.959	74	26627	11.463	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.365	101	42288m	14.192	ug/l		
10) 1,1-Dichloroethene	4.336	96	38883	12.657	ug/l	#	89
11) Methyl Iodide	4.583	142	26633	12.248	ug/l		87
12) Methyl Acetate	5.018	43	70412	14.869	ug/l		95
13) Acrolein	4.171	56	67118m	79.605	ug/l		
14) Acrylonitrile	5.712	53	141387	69.366	ug/l		94
15) Acetone	4.424	58	40140	63.127	ug/l		100
16) Carbon Disulfide	4.712	76	101592	12.045	ug/l	#	94
17) Allyl chloride	5.018	41	60550	12.068	ug/l		99
18) Methylene Chloride	5.271	84	55933	16.074	ug/l	#	73
19) trans-1,2-Dichloroethene	5.771	96	46568	14.864	ug/l		97
20) Diisopropyl ether	6.665	45	160206	13.885	ug/l		93
21) 1,1-Dichloroethane	6.547	63	93157	14.743	ug/l		96
22) cis-1,2-Dichloroethene	7.471	96	58526	15.390	ug/l		97
23) tert-Butyl Alcohol	5.524	59	49386	68.542	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	158662	14.467	ug/l		98
25) Chloroform	7.947	83	113776	17.203	ug/l		94
26) Cyclohexane	8.241	56	56655	11.774	ug/l	#	93
29) 1,1-Dichloropropene	8.353	75	58719	14.928	ug/l		95
30) 2-Butanone	7.471	43	199036	73.454	ug/l	#	96
31) 2,2-Dichloropropane	7.477	77	83972	17.710	ug/l		99
32) 1,1,1-Trichloroethane	8.147	97	86616	17.369	ug/l		98
33) Carbon Tetrachloride	8.341	117	71351	17.160	ug/l	#	91
34) Benzene	8.588	78	200873	15.801	ug/l		95
35) Methacrylonitrile	7.759	41	40291	14.216	ug/l		98
36) 1,2-Dichloroethane	8.653	62	78578	16.364	ug/l		98
37) Trichloroethene	9.330	130	48894	17.205	ug/l		91
38) Methylcyclohexane	9.577	83	63104	14.570	ug/l		96
39) 1,2-Dichloropropane	9.600	63	52633	16.165	ug/l		99
40) Dibromomethane	9.688	93	42406	17.501	ug/l		94
41) Bromodichloromethane	9.865	83	86166	17.398	ug/l		88
42) Vinyl Acetate	6.589	43	650976	71.903	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087918.D
Acq On : 22 Sep 2025 13:45
Operator : JC\MD
Sample : Q3149-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 23 04:52:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	80265m	14.498	ug/l		
44) Isopropyl Acetate	8.677	43	128711	14.830	ug/l		97
45) 1,4-Dioxane	9.677	88	17370	317.366	ug/l		98
46) Methyl methacrylate	9.659	41	58629	14.656	ug/l		96
47) n-amyl Acetate	12.682	43	78721m	13.422	ug/l		
48) t-1,3-Dichloropropene	10.818	75	79021	15.363	ug/l		96
49) cis-1,3-Dichloropropene	10.288	75	80755	15.328	ug/l		94
50) 1,1,2-Trichloroethane	10.994	97	55643	17.779	ug/l		90
51) Ethyl methacrylate	10.853	69	70110	14.395	ug/l		95
52) 1,3-Dichloropropane	11.141	76	88945	16.367	ug/l		99
53) Dibromochloromethane	11.335	129	67451	19.222	ug/l		93
54) 1,2-Dibromoethane	11.447	107	56118	17.233	ug/l		97
56) Bromoform	12.553	173	44633	19.477	ug/l	#	98
58) 4-Methyl-2-Pentanone	10.424	43	424498	77.991	ug/l		100
59) 2-Hexanone	11.177	43	257987	72.538	ug/l		97
61) Tetrachloroethene	11.082	164	40620	17.723	ug/l		94
62) Toluene	10.606	91	221071	15.877	ug/l		100
64) Chlorobenzene	11.871	112	145633	17.041	ug/l		94
65) 1,1,1,2-Tetrachloroethane	11.941	131	55649	18.496	ug/l		94
66) Ethyl Benzene	11.941	91	225064	14.983	ug/l		93
67) m/p-Xylenes	12.053	106	174075	31.218	ug/l		97
68) o-Xylene	12.376	106	83228	15.394	ug/l		94
69) Styrene	12.388	104	144917	15.422	ug/l		99
70) Isopropylbenzene	12.676	105	213397	15.567	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.918	83	83845	17.013	ug/l		95
72) 1,2,3-Trichloropropane	12.971	75	78714m	16.267	ug/l		
73) Bromobenzene	12.959	156	57814	17.237	ug/l		91
74) n-propylbenzene	13.012	91	272077	15.730	ug/l		97
75) 2-Chlorotoluene	13.100	91	169092	16.243	ug/l		96
76) 1,3,5-Trimethylbenzene	13.153	105	190524	16.458	ug/l		98
77) t-1,4-Dichloro-2-butene	12.724	75	25225	15.445	ug/l		94
78) 4-Chlorotoluene	13.200	91	174941	16.669	ug/l		99
79) tert-butylbenzene	13.412	119	157934	16.290	ug/l		96
80) 1,2,4-Trimethylbenzene	13.459	105	192171	16.192	ug/l		95
81) sec-Butylbenzene	13.594	105	238084	16.696	ug/l		96
82) p-Isopropyltoluene	13.706	119	194640	16.566	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	119722	18.515	ug/l		98
84) 1,4-Dichlorobenzene	13.788	146	114855	17.721	ug/l		94
85) n-Butylbenzene	14.035	91	183495	16.247	ug/l		98
86) Hexachloroethane	14.312	117	44507	18.650	ug/l		94
87) 1,2-Dichlorobenzene	14.082	146	108622	17.811	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	18103m	16.553	ug/l		
89) 1,2,4-Trichlorobenzene	15.812	180	63090	18.189	ug/l		97
90) Hexachlorobutadiene	15.470	225	24483	21.055	ug/l		91
91) Naphthalene	15.617	128	198316	15.530	ug/l		98
92) 1,2,3-Trichlorobenzene	15.812	180	63090	18.189	ug/l		97

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

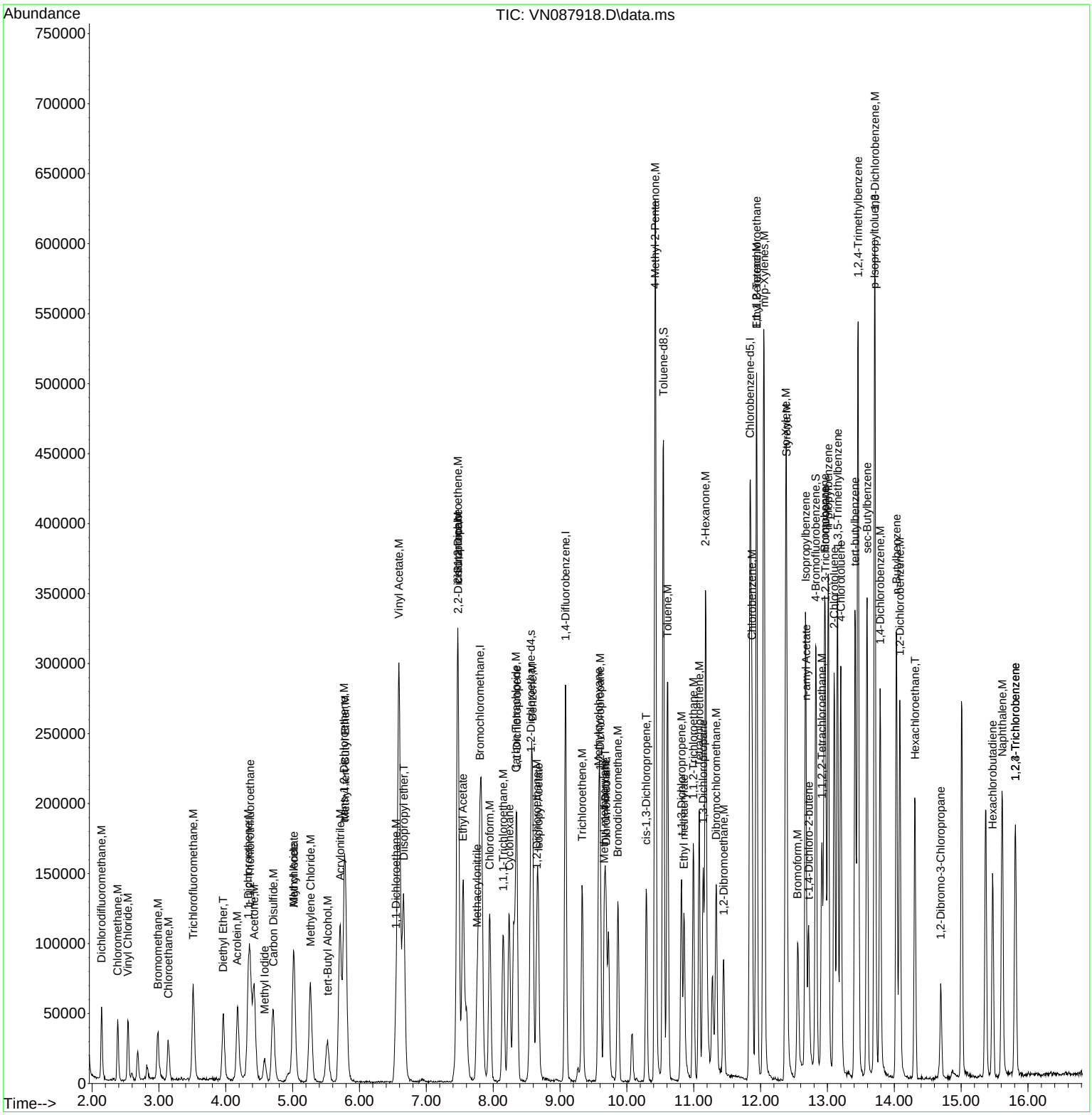
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087918.D
Acq On : 22 Sep 2025 13:45
Operator : JC\MD
Sample : Q3149-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 23 04:52:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Raw Data: **VN087919.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:	09/18/25
Project:	Transfer Station-SPDES	Date Received:	09/19/25
Client Sample ID:	002 35th Ave(Aug)MSD	SDG No.:	Q3149
Lab Sample ID:	Q3149-04MSD	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
VN087919.D	1	09/22/25 14:06	VN092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	15.0		0.45	5.00	ug/L
108-88-3	Toluene	15.4		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	14.6		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	30.8		1.30	10.0	ug/L
95-47-6	o-Xylene	14.9		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	26.8	*	91 - 110	89%	SPK: 30
2037-26-5	Toluene-d8	29.2		91 - 112	97%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.6		63 - 112	102%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	49100	7.8			
540-36-3	1,4-Difluorobenzene	235000	9.083			
3114-55-4	Chlorobenzene-d5	222000	11.841			

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\VN092225\
Data File : VN087919.D
Acq On : 22 Sep 2025 14:06
Operator : JC\MD
Sample : Q3149-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 23 04:53:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	49089	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	234680	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	222486	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	112554	26.841	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 89.467%#				
60) 4-Bromofluorobenzene	12.829	95	109547	30.622	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.067%				
63) Toluene-d8	10.541	98	302315	29.218	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.148	85	41532	13.613	ug/l		93
3) Chloromethane	2.389	50	38621	12.059	ug/l		94
4) Vinyl Chloride	2.542	62	39894	11.019	ug/l		96
5) Bromomethane	2.983	94	25904	12.196	ug/l		90
6) Chloroethane	3.142	64	26688	10.786	ug/l	#	84
7) Trichlorofluoromethane	3.512	101	70588	13.302	ug/l		93
8) Diethyl Ether	3.965	74	25571	11.411	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.371	101	37756m	13.135	ug/l		
10) 1,1-Dichloroethene	4.342	96	35600	12.013	ug/l	#	83
11) Methyl Iodide	4.571	142	26037m	12.412	ug/l		
12) Methyl Acetate	5.018	43	64956	14.219	ug/l		98
13) Acrolein	4.183	56	62742	77.139	ug/l	#	38
14) Acrylonitrile	5.706	53	138107	70.237	ug/l		99
15) Acetone	4.430	58	37257	60.738	ug/l		95
16) Carbon Disulfide	4.701	76	98202	12.069	ug/l	#	94
17) Allyl chloride	5.018	41	56845	11.744	ug/l		97
18) Methylene Chloride	5.265	84	51105	15.224	ug/l	#	83
19) trans-1,2-Dichloroethene	5.771	96	43279	14.320	ug/l	#	84
20) Diisopropyl ether	6.665	45	143540	12.896	ug/l	#	94
21) 1,1-Dichloroethane	6.553	63	87054	14.282	ug/l	#	96
22) cis-1,2-Dichloroethene	7.465	96	54115	14.751	ug/l		95
23) tert-Butyl Alcohol	5.524	59	46759	67.271	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	146026	13.802	ug/l		98
25) Chloroform	7.947	83	102771	16.107	ug/l		96
26) Cyclohexane	8.241	56	52696	11.352	ug/l	#	90
29) 1,1-Dichloropropene	8.359	75	55408	14.528	ug/l		96
30) 2-Butanone	7.471	43	188301	71.670	ug/l	#	96
31) 2,2-Dichloropropane	7.477	77	78749	17.128	ug/l		100
32) 1,1,1-Trichloroethane	8.153	97	78202	16.173	ug/l		96
33) Carbon Tetrachloride	8.341	117	68548	17.002	ug/l		97
34) Benzene	8.588	78	184737	14.987	ug/l		94
35) Methacrylonitrile	7.765	41	38693	14.080	ug/l		94
36) 1,2-Dichloroethane	8.653	62	71833	15.428	ug/l		99
37) Trichloroethene	9.336	130	44303	16.078	ug/l		98
38) Methylcyclohexane	9.583	83	56231	13.390	ug/l		97
39) 1,2-Dichloropropane	9.600	63	48998	15.520	ug/l		100
40) Dibromomethane	9.688	93	39182	16.677	ug/l		95
41) Bromodichloromethane	9.871	83	79337	16.521	ug/l		96
42) Vinyl Acetate	6.595	43	593098	67.563	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087919.D
Acq On : 22 Sep 2025 14:06
Operator : JC\MD
Sample : Q3149-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 23 04:53:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	78679m	14.657	ug/l		
44) Isopropyl Acetate	8.677	43	117847	14.004	ug/l		99
45) 1,4-Dioxane	9.677	88	16037	302.192	ug/l	#	77
46) Methyl methacrylate	9.659	41	43552	11.228	ug/l		97
47) n-amyl Acetate	13.106	43	76080m	13.378	ug/l		
48) t-1,3-Dichloropropene	10.818	75	73628	14.763	ug/l		94
49) cis-1,3-Dichloropropene	10.288	75	72736	14.238	ug/l		95
50) 1,1,2-Trichloroethane	10.994	97	51580	16.998	ug/l		91
51) Ethyl methacrylate	10.853	69	64990	13.762	ug/l		93
52) 1,3-Dichloropropane	11.141	76	82656	15.686	ug/l		98
53) Dibromochloromethane	11.335	129	65135	19.144	ug/l		88
54) 1,2-Dibromoethane	11.447	107	53693	17.005	ug/l		94
56) Bromoform	12.559	173	40819	18.371	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.424	43	394234	74.940	ug/l		99
59) 2-Hexanone	11.177	43	238264	69.313	ug/l		99
61) Tetrachloroethene	11.077	164	37491	16.925	ug/l	#	81
62) Toluene	10.612	91	207666	15.431	ug/l		97
64) Chlorobenzene	11.871	112	130128	15.754	ug/l		95
65) 1,1,1,2-Tetrachloroethane	11.941	131	51744	17.794	ug/l		95
66) Ethyl Benzene	11.941	91	211654	14.578	ug/l		96
67) m/p-Xylenes	12.047	106	165797	30.763	ug/l		88
68) o-Xylene	12.376	106	78025	14.932	ug/l		98
69) Styrene	12.388	104	132779	14.620	ug/l		99
70) Isopropylbenzene	12.676	105	196014	14.794	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.918	83	79263	16.641	ug/l		97
72) 1,2,3-Trichloropropane	12.965	75	72518m	15.505	ug/l		
73) Bromobenzene	12.959	156	53348	16.457	ug/l		89
74) n-propylbenzene	13.012	91	253316	15.153	ug/l		97
75) 2-Chlorotoluene	13.100	91	154299	15.335	ug/l		94
76) 1,3,5-Trimethylbenzene	13.153	105	178977	15.996	ug/l		99
77) t-1,4-Dichloro-2-butene	12.718	75	21893	13.869	ug/l		93
78) 4-Chlorotoluene	13.200	91	162779	16.047	ug/l		99
79) tert-butylbenzene	13.412	119	147283	15.718	ug/l		93
80) 1,2,4-Trimethylbenzene	13.459	105	176316	15.370	ug/l		98
81) sec-Butylbenzene	13.594	105	218528	15.855	ug/l		96
82) p-Isopropyltoluene	13.706	119	177819	15.659	ug/l		97
83) 1,3-Dichlorobenzene	13.712	146	109881	17.582	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	109035	17.406	ug/l		99
85) n-Butylbenzene	14.035	91	166538	15.257	ug/l		98
86) Hexachloroethane	14.306	117	38405	16.650	ug/l		93
87) 1,2-Dichlorobenzene	14.082	146	103222	17.512	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	16634	15.736	ug/l	#	88
89) 1,2,4-Trichlorobenzene	15.812	180	60263	17.976	ug/l		97
90) Hexachlorobutadiene	15.470	225	24412	21.721	ug/l		94
91) Naphthalene	15.612	128	189268	15.335	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	60263	17.976	ug/l		97

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

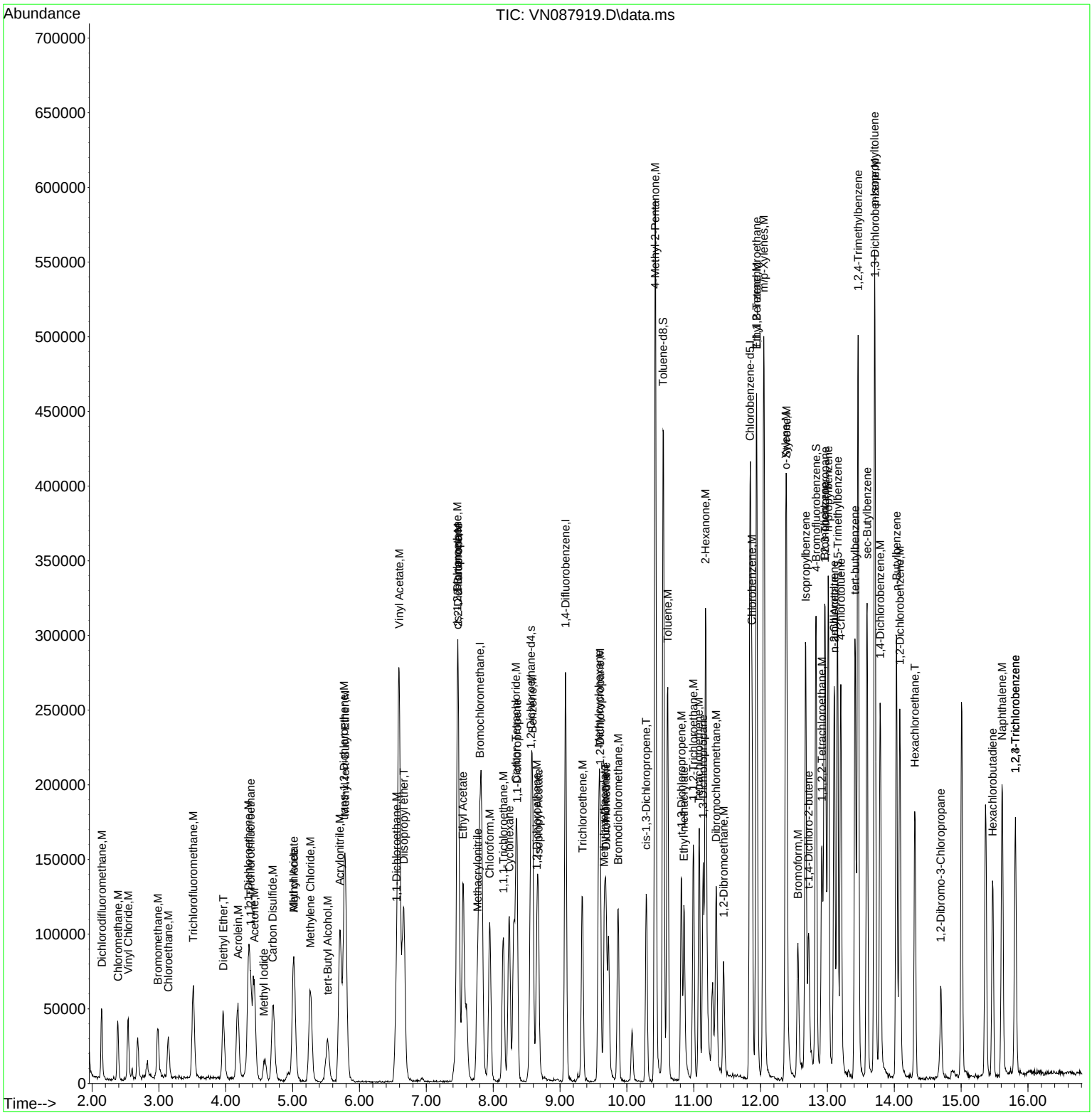
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
Data File : VN087919.D
Acq On : 22 Sep 2025 14:06
Operator : JC\MD
Sample : Q3149-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 23 04:53:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



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

Manual Integration Report

Sequence:	vn090425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087714.D	1,2,3-Trichloropropane	sam	9/5/2025 1:44:22 PM	MMDadoda	9/5/2025 2:56:13 PM	Peak Integrated by Software
VSTDCCC020	VN087714.D	Acetone	sam	9/5/2025 1:44:22 PM	MMDadoda	9/5/2025 2:56:13 PM	Peak Integrated by Software
VSTDCCC020	VN087714.D	Allyl chloride	sam	9/5/2025 1:44:22 PM	MMDadoda	9/5/2025 2:56:13 PM	Peak Integrated by Software
VSTDCCC020	VN087714.D	n-amyl Acetate	sam	9/5/2025 1:44:22 PM	MMDadoda	9/5/2025 2:56:13 PM	Peak Integrated by Software
VSTDCCC020	VN087723.D	1,2,3-Trichloropropane	sam	9/5/2025 1:45:37 PM	MMDadoda	9/5/2025 2:56:18 PM	Peak Integrated by Software
VSTDCCC020	VN087723.D	n-amyl Acetate	sam	9/5/2025 1:45:37 PM	MMDadoda	9/5/2025 2:56:18 PM	Peak Integrated by Software
VSTDCCC020	VN087723.D	tert-Butyl Alcohol	sam	9/5/2025 1:45:37 PM	MMDadoda	9/5/2025 2:56:18 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	1,1,2-Trichlorotrifluoroethane	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	1,2,3-Trichloropropane	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	1,2-Dibromo-3-Chloropropane	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	2,2-Dichloropropane	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	Acetone	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	Allyl chloride	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vn090425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN087725.D	Diethyl Ether	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	Methyl Iodide	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	Methyl methacrylate	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	Methyl tert-Butyl Ether	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	n-amyl Acetate	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	tert-Butyl Alcohol	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICC005	VN087725.D	trans-1,2-Dichloroethene	sam	9/5/2025 1:45:43 PM	MMDadoda	9/5/2025 2:56:20 PM	Peak Integrated by Software
VSTDICCC020	VN087726.D	1,2,3-Trichloropropane	sam	9/5/2025 1:45:53 PM	MMDadoda	9/5/2025 2:56:23 PM	Peak Integrated by Software
VSTDICCC020	VN087726.D	Acrylonitrile	sam	9/5/2025 1:45:53 PM	MMDadoda	9/5/2025 2:56:23 PM	Peak Integrated by Software
VSTDICCC020	VN087726.D	n-amyl Acetate	sam	9/5/2025 1:45:53 PM	MMDadoda	9/5/2025 2:56:23 PM	Peak Integrated by Software
VSTDICCC020	VN087726.D	trans-1,2-Dichloroethene	sam	9/5/2025 1:45:53 PM	MMDadoda	9/5/2025 2:56:23 PM	Peak Integrated by Software
VSTDICC050	VN087727.D	1,2,3-Trichloropropane	sam	9/5/2025 1:46:26 PM	MMDadoda	9/5/2025 2:56:24 PM	Peak Integrated by Software
VSTDICC050	VN087727.D	n-amyl Acetate	sam	9/5/2025 1:46:26 PM	MMDadoda	9/5/2025 2:56:24 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn090425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087728.D	1,2,3-Trichloropropane	sam	9/5/2025 1:46:31 PM	MMDadoda	9/5/2025 2:56:26 PM	Peak Integrated by Software
VSTDICC100	VN087728.D	Acrolein	sam	9/5/2025 1:46:31 PM	MMDadoda	9/5/2025 2:56:26 PM	Peak Integrated by Software
VSTDICC100	VN087728.D	n-amyl Acetate	sam	9/5/2025 1:46:31 PM	MMDadoda	9/5/2025 2:56:26 PM	Peak Integrated by Software
VSTDICC150	VN087729.D	1,2,3-Trichloropropane	sam	9/5/2025 1:45:48 PM	MMDadoda	9/5/2025 2:56:28 PM	Peak Integrated by Software
VSTDICC150	VN087729.D	Acrolein	sam	9/5/2025 1:45:48 PM	MMDadoda	9/5/2025 2:56:28 PM	Peak Integrated by Software
VSTDICC150	VN087729.D	Carbon Disulfide	sam	9/5/2025 1:45:48 PM	MMDadoda	9/5/2025 2:56:28 PM	Peak Integrated by Software
VSTDICC150	VN087729.D	n-amyl Acetate	sam	9/5/2025 1:45:48 PM	MMDadoda	9/5/2025 2:56:28 PM	Peak Integrated by Software
VSTDICV020	VN087731.D	1,2,3-Trichloropropane	sam	9/5/2025 1:46:09 PM	MMDadoda	9/5/2025 2:56:30 PM	Peak Integrated by Software
VSTDICV020	VN087731.D	Acrolein	sam	9/5/2025 1:46:09 PM	MMDadoda	9/5/2025 2:56:30 PM	Peak Integrated by Software
VSTDICV020	VN087731.D	Methyl Iodide	sam	9/5/2025 1:46:09 PM	MMDadoda	9/5/2025 2:56:30 PM	Peak Integrated by Software
VSTDICV020	VN087731.D	n-amyl Acetate	sam	9/5/2025 1:46:09 PM	MMDadoda	9/5/2025 2:56:30 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN092225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087912.D	1,2,3-Trichloropropane	JOHN	9/23/2025 7:59:03 AM	MMDadoda	9/24/2025 2:18:58 AM	Peak Integrated by Software
VSTDCCC020	VN087912.D	n-amyl Acetate	JOHN	9/23/2025 7:59:03 AM	MMDadoda	9/24/2025 2:18:58 AM	Peak Integrated by Software
VN0922WBS01	VN087913.D	1,2,3-Trichloropropane	JOHN	9/23/2025 7:59:30 AM	MMDadoda	9/24/2025 2:19:08 AM	Peak Integrated by Software
VN0922WBS01	VN087913.D	Chloroform	JOHN	9/23/2025 7:59:30 AM	MMDadoda	9/24/2025 2:19:08 AM	Peak Integrated by Software
VN0922WBS01	VN087913.D	n-amyl Acetate	JOHN	9/23/2025 7:59:30 AM	MMDadoda	9/24/2025 2:19:08 AM	Peak Integrated by Software
Q3149-01	VN087916.D	Acetone	JOHN	9/23/2025 7:59:38 AM	MMDadoda	9/24/2025 2:19:11 AM	Peak Integrated by Software
Q3149-02	VN087917.D	Acetone	JOHN	9/23/2025 7:59:42 AM	MMDadoda	9/24/2025 2:19:13 AM	Peak Integrated by Software
Q3149-02	VN087917.D	Bromodichloromethane	JOHN	9/23/2025 7:59:42 AM	MMDadoda	9/24/2025 2:19:13 AM	Peak Integrated by Software
Q3149-03MS	VN087918.D	1,1,2-Trichlorotrifluoroethane	JOHN	9/23/2025 7:59:47 AM	MMDadoda	9/24/2025 2:19:14 AM	Peak Integrated by Software
Q3149-03MS	VN087918.D	1,2,3-Trichloropropane	JOHN	9/23/2025 7:59:47 AM	MMDadoda	9/24/2025 2:19:14 AM	Peak Integrated by Software
Q3149-03MS	VN087918.D	1,2-Dibromo-3-Chloropropane	JOHN	9/23/2025 7:59:47 AM	MMDadoda	9/24/2025 2:19:14 AM	Peak Integrated by Software
Q3149-03MS	VN087918.D	Acrolein	JOHN	9/23/2025 7:59:47 AM	MMDadoda	9/24/2025 2:19:14 AM	Peak Integrated by Software
Q3149-03MS	VN087918.D	Ethyl Acetate	JOHN	9/23/2025 7:59:47 AM	MMDadoda	9/24/2025 2:19:14 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN092225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3149-03MS	VN087918.D	n-amyl Acetate	JOHN	9/23/2025 7:59:47 AM	MMDadoda	9/24/2025 2:19:14 AM	Peak Integrated by Software
Q3149-04MSD	VN087919.D	1,1,2-Trichlorotrifluoroethane	JOHN	9/23/2025 7:59:51 AM	MMDadoda	9/24/2025 2:19:16 AM	Peak Integrated by Software
Q3149-04MSD	VN087919.D	1,2,3-Trichloropropane	JOHN	9/23/2025 7:59:51 AM	MMDadoda	9/24/2025 2:19:16 AM	Peak Integrated by Software
Q3149-04MSD	VN087919.D	Ethyl Acetate	JOHN	9/23/2025 7:59:51 AM	MMDadoda	9/24/2025 2:19:16 AM	Peak Integrated by Software
Q3149-04MSD	VN087919.D	Methyl Iodide	JOHN	9/23/2025 7:59:51 AM	MMDadoda	9/24/2025 2:19:16 AM	Peak Integrated by Software
Q3149-04MSD	VN087919.D	n-amyl Acetate	JOHN	9/23/2025 7:59:51 AM	MMDadoda	9/24/2025 2:19:16 AM	Peak Integrated by Software
Q3149-02RE	VN087921.D	Acetone	JOHN	9/23/2025 7:59:56 AM	MMDadoda	9/24/2025 2:19:24 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN090425

Review By	Mahesh Dadoda	Review On	9/5/2025 2:55:23 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/5/2025 2:57:06 PM		
SubDirectory	VN090425	HP Acquire Method		HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135371,VP135374
Initial Calibration Stds	VP135375,VP135376,VP135377,VP135378,VP135379
CCC	VP135372,VP135373
Internal Standard/PEM	
ICV/I.BLK	VP135380
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087713.D	04 Sep 2025 10:10	JC\MD	Ok
2	VSTDCCC020	VN087714.D	04 Sep 2025 10:54	JC\MD	Ok,M
3	VN0904WBS01	VN087715.D	04 Sep 2025 12:04	JC\MD	Ok,M
4	VN0904WBSD01	VN087716.D	04 Sep 2025 12:38	JC\MD	Ok,M
5	VN0904WBL01	VN087717.D	04 Sep 2025 12:59	JC\MD	Ok
6	Q3017-01	VN087718.D	04 Sep 2025 13:35	JC\MD	Ok
7	Q3017-02	VN087719.D	04 Sep 2025 13:56	JC\MD	Ok
8	Q3017-04	VN087720.D	04 Sep 2025 14:16	JC\MD	Ok
9	Q3017-05	VN087721.D	04 Sep 2025 14:37	JC\MD	Ok
10	Q3017-03	VN087722.D	04 Sep 2025 14:58	JC\MD	Ok
11	VSTDCCC020	VN087723.D	04 Sep 2025 15:21	JC\MD	Ok,M
12	BLK	VN087724.D	04 Sep 2025 15:41	JC\MD	Ok
13	VSTDICC005	VN087725.D	04 Sep 2025 16:23	JC\MD	Ok,M
14	VSTDICCC020	VN087726.D	04 Sep 2025 16:44	JC\MD	Ok,M
15	VSTDICC050	VN087727.D	04 Sep 2025 17:05	JC\MD	Ok,M
16	VSTDICC100	VN087728.D	04 Sep 2025 17:25	JC\MD	Ok,M
17	VSTDICC150	VN087729.D	04 Sep 2025 17:46	JC\MD	Ok,M
18	IBLK	VN087730.D	04 Sep 2025 18:07	JC\MD	Ok
19	VSTDICV020	VN087731.D	04 Sep 2025 18:28	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092225

Review By	John Carlone	Review On	9/23/2025 8:01:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/24/2025 2:19:33 AM		
SubDirectory	VN092225	HP Acquire Method		HP Processing Method	624N090425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135559
Initial Calibration Stds	
CCC	VP135560,VP135561
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087911.D	22 Sep 2025 09:54	JC\MD	Ok
2	VSTDCCC020	VN087912.D	22 Sep 2025 10:19	JC\MD	Ok,M
3	VN0922WBS01	VN087913.D	22 Sep 2025 10:57	JC\MD	Ok,M
4	VN0922WBSD01	VN087914.D	22 Sep 2025 11:30	JC\MD	Ok,M
5	VN0922WBL01	VN087915.D	22 Sep 2025 12:26	JC\MD	Ok
6	Q3149-01	VN087916.D	22 Sep 2025 13:04	JC\MD	Ok,M
7	Q3149-02	VN087917.D	22 Sep 2025 13:24	JC\MD	ReRun
8	Q3149-03MS	VN087918.D	22 Sep 2025 13:45	JC\MD	Ok,M
9	Q3149-04MSD	VN087919.D	22 Sep 2025 14:06	JC\MD	Ok,M
10	IBLK	VN087920.D	22 Sep 2025 14:27	JC\MD	Ok
11	Q3149-02RE	VN087921.D	22 Sep 2025 14:47	JC\MD	Confirms

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN090425

Review By	Mahesh Dadoda	Review On	9/5/2025 2:55:23 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/5/2025 2:57:06 PM		
SubDirectory	VN090425	HP Acquire Method		HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135371,VP135374
Initial Calibration Stds	VP135375,VP135376,VP135377,VP135378,VP135379
CCC	VP135372,VP135373
Internal Standard/PEM	
ICV/I.BLK	VP135380
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087713.D	04 Sep 2025 10:10		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087714.D	04 Sep 2025 10:54		JC\MD	Ok,M
3	VN0904WBS01	VN0904WBS01	VN087715.D	04 Sep 2025 12:04		JC\MD	Ok,M
4	VN0904WBSD01	VN0904WBSD01	VN087716.D	04 Sep 2025 12:38		JC\MD	Ok,M
5	VN0904WBL01	VN0904WBL01	VN087717.D	04 Sep 2025 12:59		JC\MD	Ok
6	Q3017-01	BP-TB-20250903	VN087718.D	04 Sep 2025 13:35	vial A pH<2 TB	JC\MD	Ok
7	Q3017-02	TT-076-IDWGW-20250	VN087719.D	04 Sep 2025 13:56	vial A+B pH<2	JC\MD	Ok
8	Q3017-04	TT-078-IDWGW-20250	VN087720.D	04 Sep 2025 14:16	vial A+B pH<2	JC\MD	Ok
9	Q3017-05	TT-079-IDWGW-20250	VN087721.D	04 Sep 2025 14:37	vial A+B pH<2	JC\MD	Ok
10	Q3017-03	TT-077-IDWGW-20250	VN087722.D	04 Sep 2025 14:58	vial A+B pH<2	JC\MD	Ok
11	VSTDCCC020	VSTDCCC020EC	VN087723.D	04 Sep 2025 15:21		JC\MD	Ok,M
12	BLK	BLK	VN087724.D	04 Sep 2025 15:41		JC\MD	Ok
13	VSTDICC005	VSTDICC005	VN087725.D	04 Sep 2025 16:23		JC\MD	Ok,M
14	VSTDICCC020	VSTDICCC020	VN087726.D	04 Sep 2025 16:44		JC\MD	Ok,M
15	VSTDICC050	VSTDICC050	VN087727.D	04 Sep 2025 17:05		JC\MD	Ok,M
16	VSTDICC100	VSTDICC100	VN087728.D	04 Sep 2025 17:25		JC\MD	Ok,M
17	VSTDICC150	VSTDICC150	VN087729.D	04 Sep 2025 17:46		JC\MD	Ok,M
18	IBLK	IBLK	VN087730.D	04 Sep 2025 18:07		JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN090425

Review By	Mahesh Dadoda	Review On	9/5/2025 2:55:23 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/5/2025 2:57:06 PM		
SubDirectory	VN090425	HP Acquire Method		HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135371,VP135374
Initial Calibration Stds	VP135375,VP135376,VP135377,VP135378,VP135379
CCC	VP135372,VP135373
Internal Standard/PEM	
ICV/I.BLK	VP135380
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDICV020	ICVVN090425	VN087731.D	04 Sep 2025 18:28		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 # VN092225

Review By	John Carlone	Review On	9/23/2025 8:01:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/24/2025 2:19:33 AM		
SubDirectory	VN092225	HP Acquire Method		HP Processing Method	624N090425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135559
Initial Calibration Stds	
CCC	VP135560,VP135561
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	VN087911.D	22 Sep 2025 09:54		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087912.D	22 Sep 2025 10:19	pH#Lot#V12668	JC\MD	Ok,M
3	VN0922WBS01	VN0922WBS01	VN087913.D	22 Sep 2025 10:57		JC\MD	Ok,M
4	VN0922WBSD01	VN0922WBSD01	VN087914.D	22 Sep 2025 11:30		JC\MD	Ok,M
5	VN0922WBL01	VN0922WBL01	VN087915.D	22 Sep 2025 12:26		JC\MD	Ok
6	Q3149-01	001 Willets Pt Blvd (Aug	VN087916.D	22 Sep 2025 13:04	vial A pH<2	JC\MD	Ok,M
7	Q3149-02	002 35th Ave(Aug)	VN087917.D	22 Sep 2025 13:24	vial A pH<2 Surrogate Fail	JC\MD	ReRun
8	Q3149-03MS	002 35th Ave(Aug)MS	VN087918.D	22 Sep 2025 13:45	vial A pH<2	JC\MD	Ok,M
9	Q3149-04MSD	002 35th Ave(Aug)MSD	VN087919.D	22 Sep 2025 14:06	vial A pH<2	JC\MD	Ok,M
10	IBLK	IBLK	VN087920.D	22 Sep 2025 14:27		JC\MD	Ok
11	Q3149-02RE	002 35th Ave(Aug)RE	VN087921.D	22 Sep 2025 14:47	vial B pH<2 Surrogate Fail	JC\MD	Confirms

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: Q3149

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: 5 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
	BTEX	Cu, Fe, Pb							

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
1.	001 Willets Pt Blvd (Aug)	W		X	9/18/25	11:30	2	X	X							
2.	002 35th Ave (Aug)	W		X	9/18/25	11:30	2	X	X							
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

COMMENTS

<-- 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	RECEIVED BY
1: D Devoe	Sep 18, 2025	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2. FedEx	9.19.25 11:5	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 18.3°C
☐ Ice in Cooler?:
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: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Friday, September 19, 2025 11:01 AM
Subject: FW: SPDES and Harper Street
Attachments: Chain-Of-Custody-Chemtech - Transfer Station SPDES - Sep.xls; Chain-Of-Custody-Chemtech - Transfer Station SPDES - August.xls; Chain-Of-Custody-Chemtech - Harper Street - Sep.xls

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Dean Devoe <DDevoe@tullyconstruction.com>
Sent: Thursday, September 18, 2025 3:29 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: SPDES and Harper Street

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Hi Yazmeen – I didn't have VOC vials or enough metals bottles so I provided additional unpreserved bottles. Can you please transfer to the correct glassware? Also the Harper St soil is in a Ziploc so should be transferred to correct jars. Please expedite the August SPDES – the others can be standard TAT. Thank you Dean

Dean Devoe, PE
Tully Environmental Inc.
57 Seaview Blvd
Port Washington NY 11050
(718) 446 7000 x 298
Cell 917 417 1524

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

DP 09/26/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3149 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 9/19/2025 11:49:00 AM
Project Name : Transfer Station-SPDES
Receive DateTime : 9/19/2025 ~~12:00:00 PM~~ 11:15AM
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
Q3149-01	001 Willets Pt Blvd (Aug)	Water	09/18/2025	11:30					
					VOC-BTEX		624.1		5 Bus. Days
Q3149-02	002 35th Ave(Aug)	Water	09/18/2025	11:30					
					VOC-BTEX		624.1		5 Bus. Days
Q3149-03	~~Q3149-2MS~~ Q3149-02MS	Water	09/18/2025	11:30					
					VOC-BTEX		624.1		5 Bus. Days
Q3149-04	~~Q3149-2MSD~~ Q3149-02MSD	Water	09/18/2025	11:30					
					VOC-BTEX		624.1		5 Bus. Days

Relinguished By :
Date / Time : 9/19/25 1315

Received By :
Date / Time : 09/19/25 13:15

Storage Area : VOA Refridgerator Room