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

Cover Page

Order ID : Q2699

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number	Client Sample Number
Q2699-01	001-WILLETS-PT-BLVD(JUNE)
Q2699-02	002-35TH-AVE(JUNE)

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

Signature : _____

Date: 7/29/2025

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 #: **Q2699**

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

QA Review Signature: **KETAN PATEL** **Date:** **07/29/2025**

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LAB CHRONICLE

OrderID:	Q2699	**OrderDate:**	7/25/2025 12:02:00 PM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2699-01	**001-WILLETS-PT-BLVD(JUNE)**	**Water**			**07/24/25**			**07/25/25**
			VOC-BTEX	624.1			07/28/25	
Q2699-01DL	**001-WILLETS-PT-BLVD(JUNE)DL**	**Water**			**07/24/25**			**07/25/25**
			VOC-BTEX	624.1			07/28/25	
Q2699-02	**002-35TH-AVE(JUNE)**	**Water**			**07/24/25**			**07/25/25**
			VOC-BTEX	624.1			07/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2699

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001-WILLETS-PT-BLVD(JUNE)**							
Q2699-01	001-WILLETS-PT-	Water	Toluene	160	E	0.46	5.00	ug/L
			Total Voc :	160				
			Total Concentration:	160				
Client ID:	**001-WILLETS-PT-BLVD(JUNE)DL**							
Q2699-01DL	001-WILLETS-PT-	Water	Toluene	150	D	1.80	20.0	ug/L
			Total Voc :	150				
			Total Concentration:	150				
Client ID:	**002-35TH-AVE(JUNE)**							
Q2699-02	002-35TH-AVE(JU	Water	Toluene	140		0.46	5.00	ug/L
			Total Voc :	140				
			Total Concentration:	140				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2699

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2699-01	001-WILLETS-PT-BLVD(JUNE)	1,2-Dichloroethane-d4	30	30.2	101		91	110
		Toluene-d8	30	30.2	101		91	112
		4-Bromofluorobenzene	30	28.7	96		63	112
Q2699-01DL	001-WILLETS-PT-BLVD(JUNE)DL	1,2-Dichloroethane-d4	30	30.0	100		91	110
		Toluene-d8	30	30.3	101		91	112
		4-Bromofluorobenzene	30	28.1	94		63	112
Q2699-02	002-35TH-AVE(JUNE)	1,2-Dichloroethane-d4	30	30.2	101		91	110
		Toluene-d8	30	30.1	100		91	112
		4-Bromofluorobenzene	30	28.3	94		63	112
VN0728WBL01	VN0728WBL01	1,2-Dichloroethane-d4	30	30.0	100		91	110
		Toluene-d8	30	30.7	102		91	112
		4-Bromofluorobenzene	30	28.6	95		63	112
VN0728WBS01	VN0728WBS01	1,2-Dichloroethane-d4	30	30.1	100		91	110
		Toluene-d8	30	30.4	101		91	112
		4-Bromofluorobenzene	30	29.4	98		63	112
VN0728WBSD0	VN0728WBSD01	1,2-Dichloroethane-d4	30	30.3	101		91	110
		Toluene-d8	30	30.5	102		91	112
		4-Bromofluorobenzene	30	29.8	99		63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2699 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087426.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0728WBS01	Benzene	20	17.9	ug/L	90			65	135	
	Toluene	20	18.0	ug/L	90			70	130	
	Ethyl Benzene	20	18.3	ug/L	92			60	140	
	m/p-Xylenes	40	36.6	ug/L	92			87	111	
	o-Xylene	20	18.5	ug/L	93			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2699 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087427.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0728WBSD01	Benzene	20	17.8	ug/L	89	1		65	135	20
	Toluene	20	18.0	ug/L	90	0		70	130	20
	Ethyl Benzene	20	18.1	ug/L	91	1		60	140	20
	m/p-Xylenes	40	36.5	ug/L	91	1		87	111	20
	o-Xylene	20	18.3	ug/L	92	1		87	111	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0728WBL01

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q2699

Lab File ID: VN087428.D | Lab Sample ID: VN0728WBL01

Date Analyzed: 07/28/2025 | Time Analyzed: 13:22

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
VN0728WBS01	VN0728WBS01	VN087426.D	07/28/2025
VN0728WBSD01	VN0728WBSD01	VN087427.D	07/28/2025
001-WILLETS-PT-BLVD(JUNE)	Q2699-01	VN087429.D	07/28/2025
002-35TH-AVE(JUNE)	Q2699-02	VN087430.D	07/28/2025
001-WILLETS-PT-BLVD(JUNE)DL	Q2699-01DL	VN087431.D	07/28/2025

COMMENTS:

Raw Data: **VN087418.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TULL01
Lab Code: ACE
SDG NO.: Q2699
Lab File ID: VN087418.D
BFB Injection Date: 07/28/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:31
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	20.4
75	30.0 - 60.0% of mass 95	44.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	72.8
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	70.8 (97.2) 1
177	5.0 - 9.0% of mass 176	4.9 (7) 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	VN087419.D	07/28/2025	09:06
VSTDICCC020	VSTDICCC020	VN087420.D	07/28/2025	10:06
VSTDICC050	VSTDICC050	VN087421.D	07/28/2025	10:27
VSTDICC100	VSTDICC100	VN087422.D	07/28/2025	10:48
VSTDICC150	VSTDICC150	VN087423.D	07/28/2025	11:09
VN0728WBS01	VN0728WBS01	VN087426.D	07/28/2025	12:27
VN0728WBSD01	VN0728WBSD01	VN087427.D	07/28/2025	13:01
VN0728WBL01	VN0728WBL01	VN087428.D	07/28/2025	13:22
001-WILLETS-PT-BLVD(JUNE)	Q2699-01	VN087429.D	07/28/2025	13:56
002-35TH-AVE(JUNE)	Q2699-02	VN087430.D	07/28/2025	14:17
001-WILLETS-PT-BLVD(JUNE)DL	Q2699-01DL	VN087431.D	07/28/2025	14:53

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q2699

Lab File ID: VN087420.D Date Analyzed: 07/28/2025

Instrument ID: MSVOA_N Time Analyzed: 10:06

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	104668	7.80	586753	9.08	490436	11.85
UPPER LIMIT	209336	8.3	1173510	9.582	980872	12.347
LOWER LIMIT	52334	7.3	293377	8.582	245218	11.347
EPA SAMPLE NO.						
001-WILLETS-PT-BLVD(JUNE)	70178	7.80	392636	9.08	348504	11.85
001-WILLETS-PT-BLVD(JUNE)DL	66855	7.79	369763	9.08	330190	11.85
002-35TH-AVE(JUNE)	67508	7.80	376224	9.08	333013	11.85
VN0728WBL01	71572	7.80	407686	9.08	348117	11.85
VN0728WBS01	87324	7.79	492311	9.08	430169	11.85
VN0728WBSD01	82214	7.80	454464	9.08	401032	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q2699

Lab File ID: VN087420.D Date Analyzed: 07/28/2025

Instrument ID: MSVOA_N Time Analyzed: 10:06

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

	IS4 AREA #	RT #				
12 HOUR STD	0	0				
UPPER LIMIT	0					
LOWER LIMIT	0					
EPA SAMPLE NO.						
001-WILLETS-PT-BLVD(JUNE)	0	0.00				
001-WILLETS-PT-BLVD(JUNE)DL	0	0.00				
002-35TH-AVE(JUNE)	0	0.00				
VN0728WBL01	0	0.00				
VN0728WBS01	0	0.00				
VN0728WBSD01	0	0.00				

IS4 =

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

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

SAMPLE DATA

Raw Data: **VN087429.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/24/25
Project:	Transfer Station-SPDES	Date Received:	07/25/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)	SDG No.:	Q2699
Lab Sample ID:	Q2699-01	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
VN087429.D	1	07/28/25 13:56	VN072825

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	160	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	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	30.2		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.7		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	70200	7.8			
540-36-3	1,4-Difluorobenzene	393000	9.083			
3114-55-4	Chlorobenzene-d5	349000	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: **VN087429.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087429.D
Acq On : 28 Jul 2025 13:56
Operator : JC\MD
Sample : Q2699-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 14:26:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	70178	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	392636	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	348504	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	162255	30.235	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.800%			
60) 4-Bromofluorobenzene	12.829	95	164318	28.712	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.700%			
63) Toluene-d8	10.547	98	483329	30.199	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						Qvalue
15) Acetone	4.424	58	194143	295.102	ug/l	85
18) Methylene Chloride	5.259	84	7937m	1.756	ug/l	
30) 2-Butanone	7.477	43	109301	27.066	ug/l	99
58) 4-Methyl-2-Pentanone	10.429	43	30732	3.915	ug/l	98
62) Toluene	10.612	91	3165383	160.939	ug/l	99
66) Ethyl Benzene	11.947	91	7596	0.353	ug/l	93
67) m/p-Xylenes	12.059	106	6461	0.802	ug/l	99
68) o-Xylene	12.376	106	3110	0.395	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	13848	0.833	ug/l	93
82) p-Isopropyltoluene	13.712	119	34640	1.984	ug/l	92

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

Sample Results: **VN087429.D**

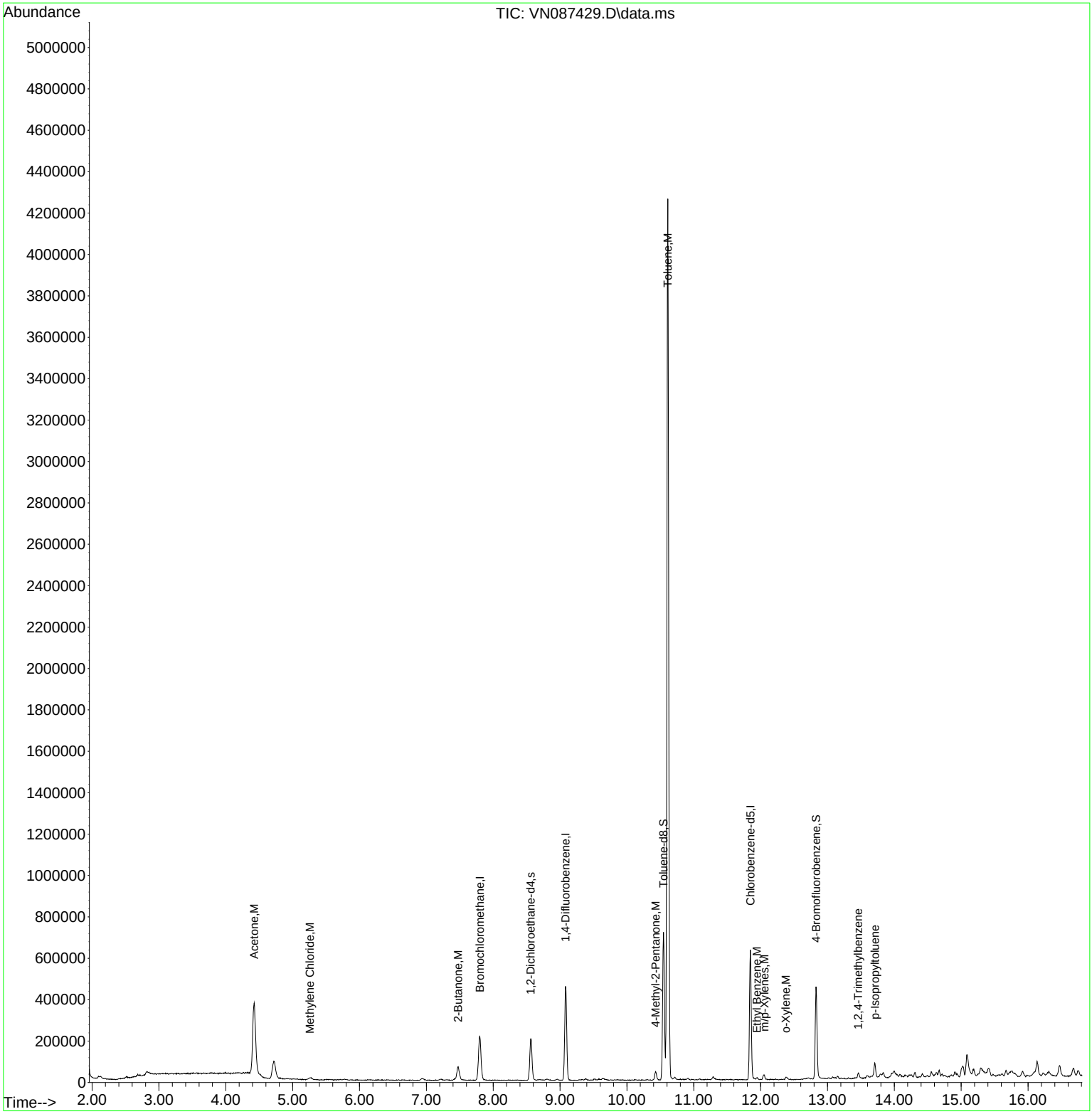
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087429.D
Acq On : 28 Jul 2025 13:56
Operator : JC\MD
Sample : Q2699-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

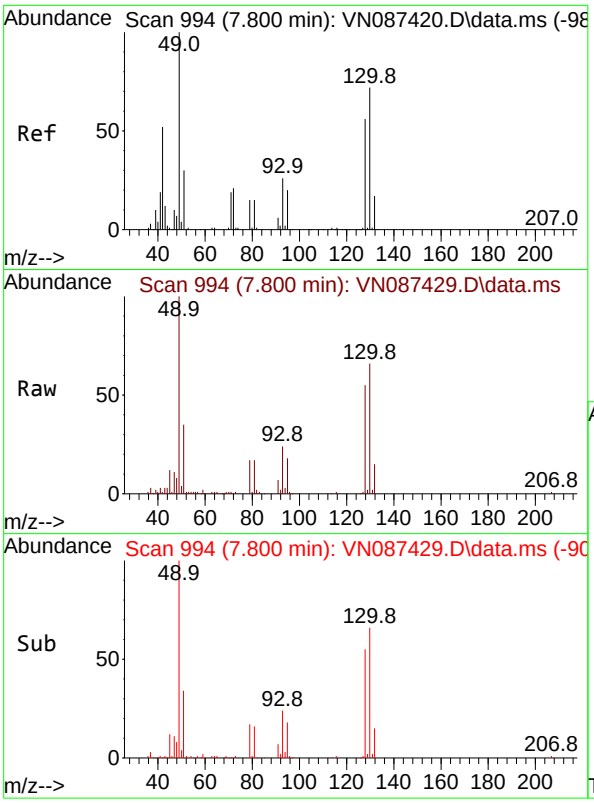
Quant Time: Jul 28 14:26:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

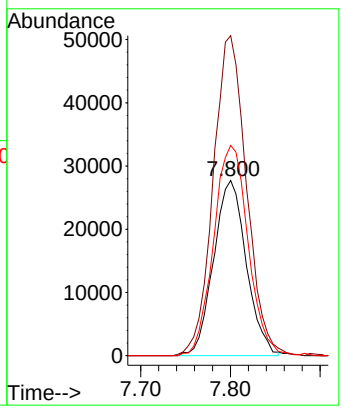
Tgt Ion:128 Resp: 7017

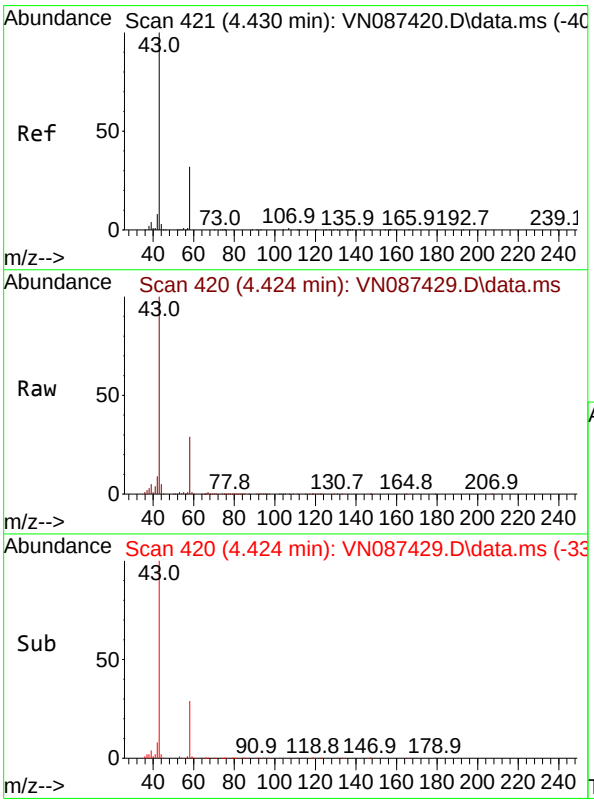
Ion	Ratio	Lower	Upper
128	100		
49	185.9	0.0	457.3
130	126.5	0.0	316.0

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

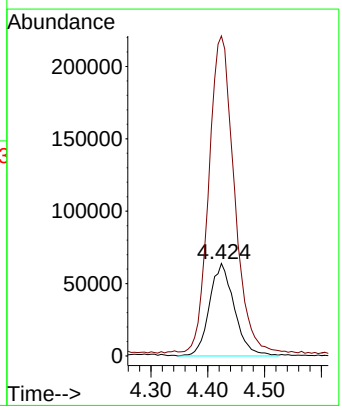


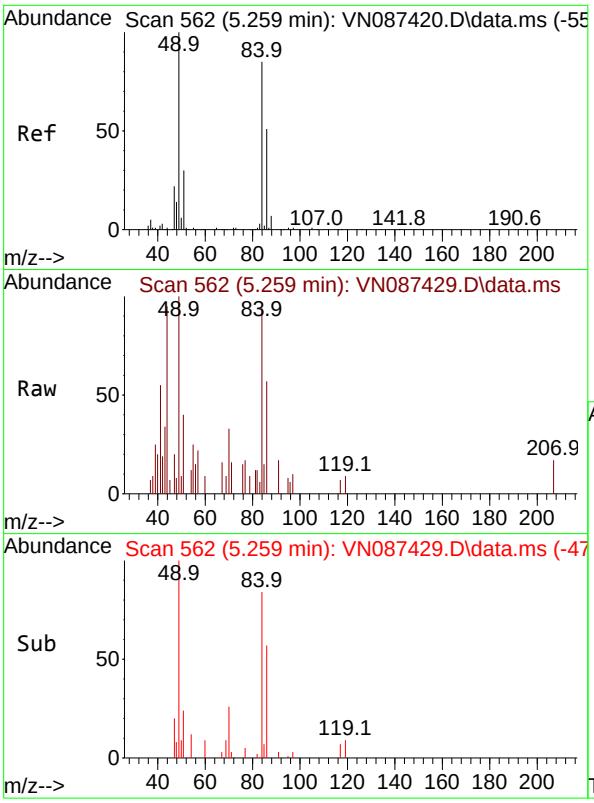


#15
Acetone
Concen: 295.102 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 58 Resp: 194143

Ion	Ratio	Lower	Upper
58	100		
43	341.5	248.4	372.6

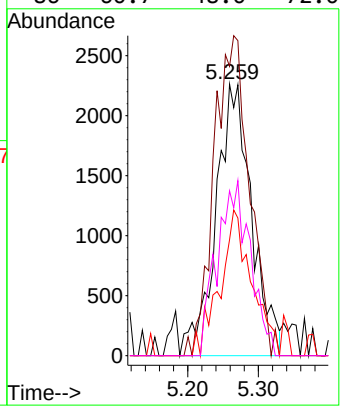




#18
Methylene Chloride
Concen: 1.756 ug/l m
RT: 5.259 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 84 Resp: 793

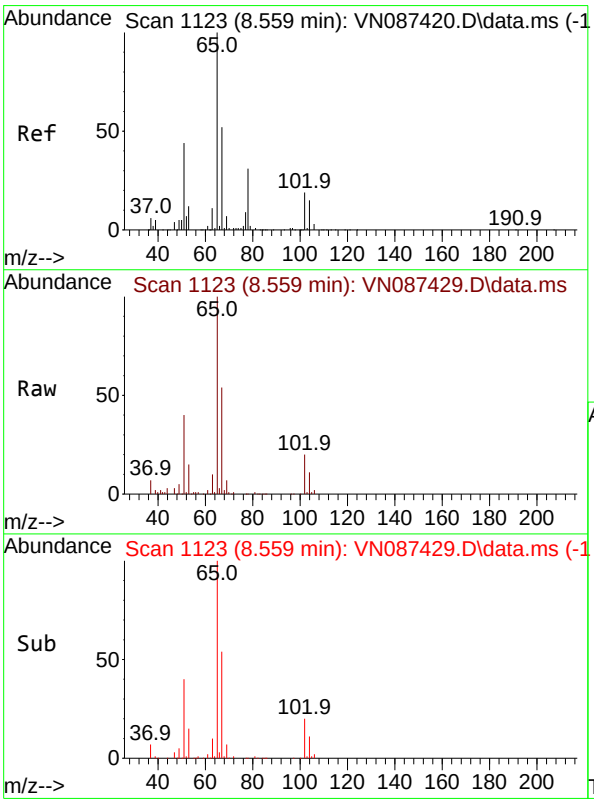
Ion	Ratio	Lower	Upper
84	100		
49	106.6	93.5	140.3
51	42.7	28.0	42.0
86	60.7	48.0	72.0



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

Manual Integrations
APPROVED

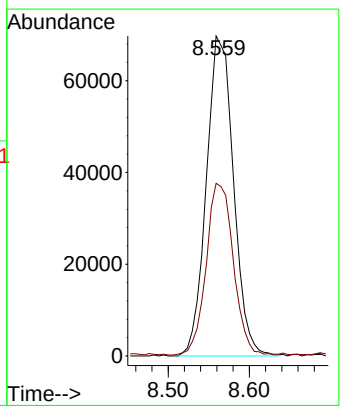
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

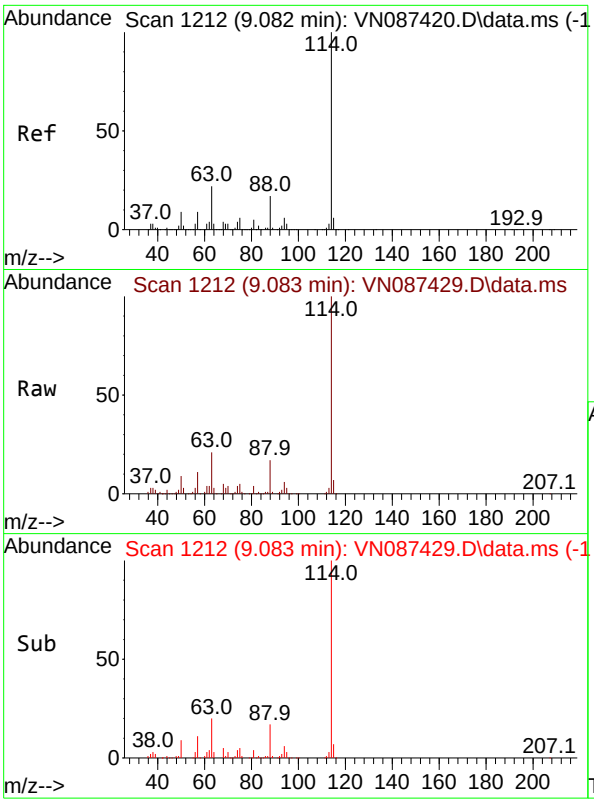


#27
1,2-Dichloroethane-d4
Concen: 30.235 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 65 Resp: 162255

Ion	Ratio	Lower	Upper
65	100		
67	53.5	42.3	63.5

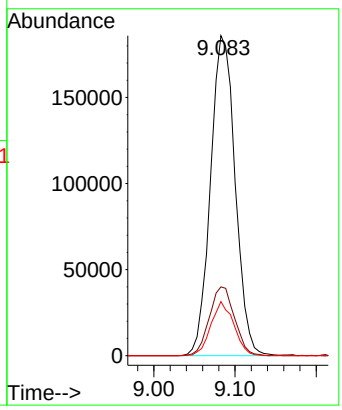




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion:114 Resp: 39263

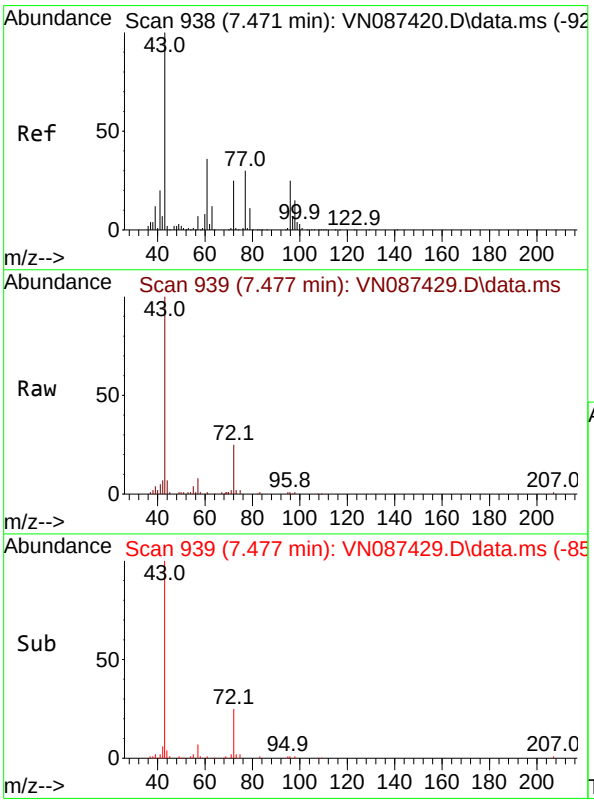
Ion	Ratio	Lower	Upper
114	100		
63	21.9	17.8	26.6
88	15.8	13.0	19.4



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

Manual Integrations
APPROVED

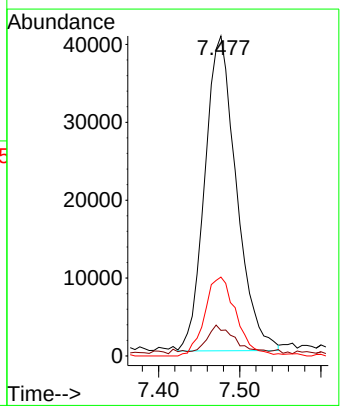
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

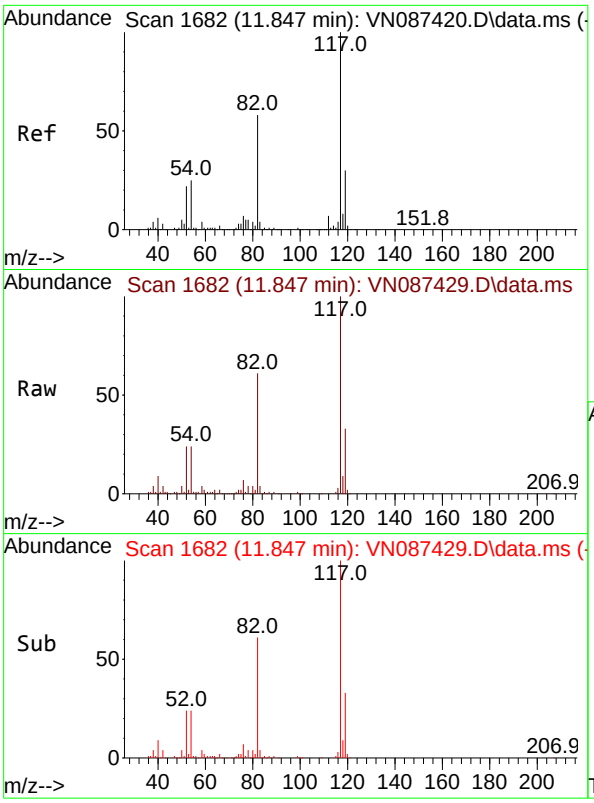


#30
2-Butanone
Concen: 27.066 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 43 Resp: 109301

Ion	Ratio	Lower	Upper
43	100		
57	6.9	6.0	9.0
72	24.8	20.3	30.5

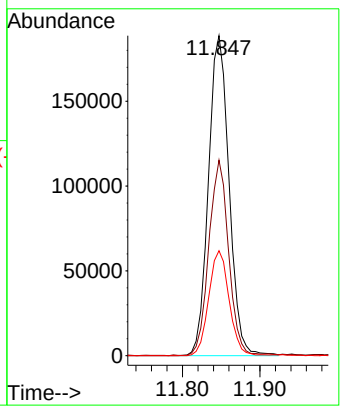




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion:117 Resp: 34850

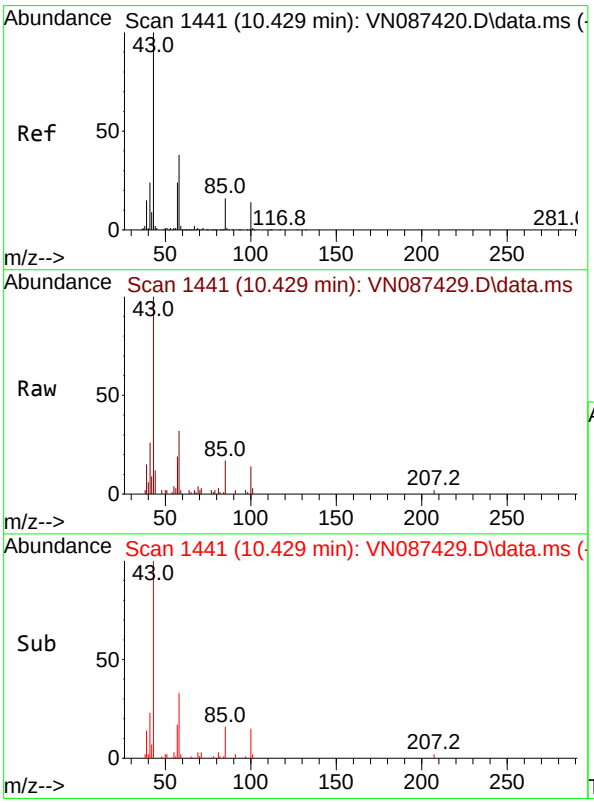
Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.4
119	32.3	25.7	38.5



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

Manual Integrations
APPROVED

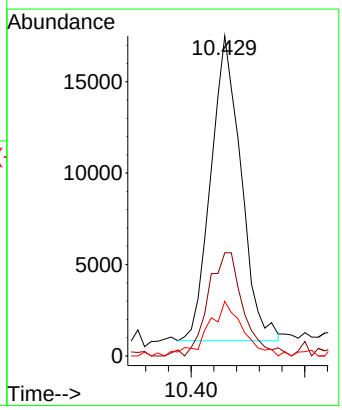
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

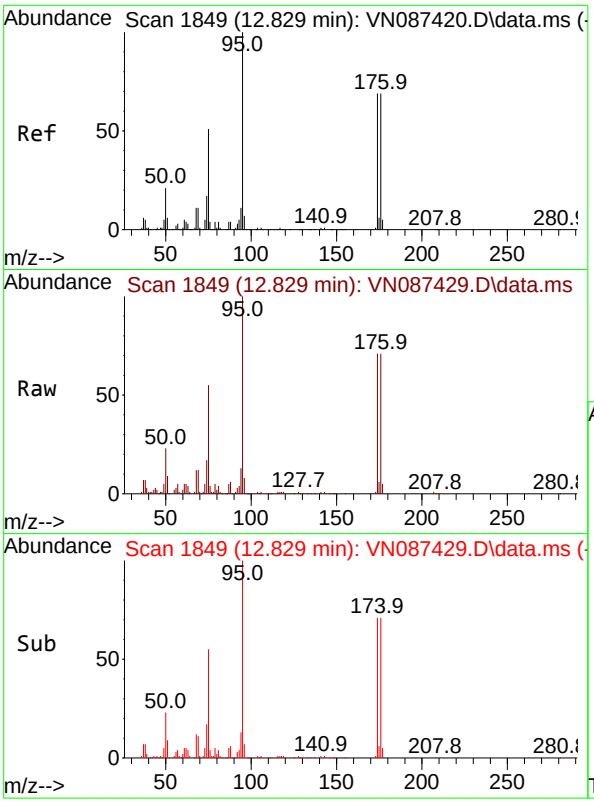


#58
4-Methyl-2-Pentanone
Concen: 3.915 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 43 Resp: 30732

Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.9	44.9
85	17.9	12.8	19.2

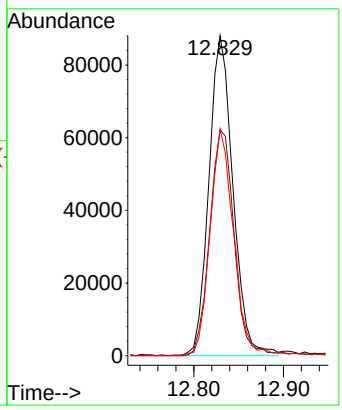




#60
4-Bromofluorobenzene
Concen: 28.712 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 95 Resp: 16431

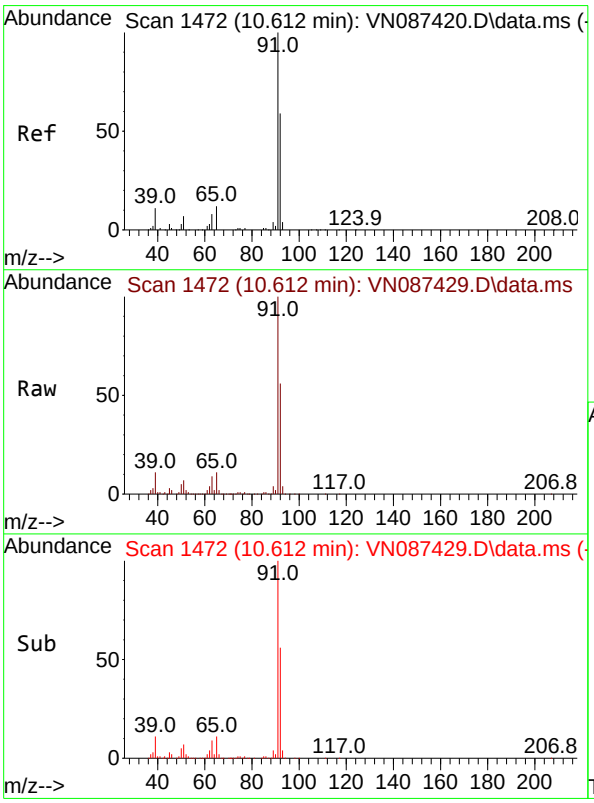
Ion	Ratio	Lower	Upper
95	100		
174	71.2	57.8	86.8
176	67.9	54.9	82.3



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

Manual Integrations
APPROVED

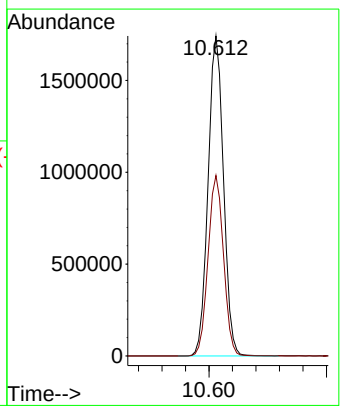
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

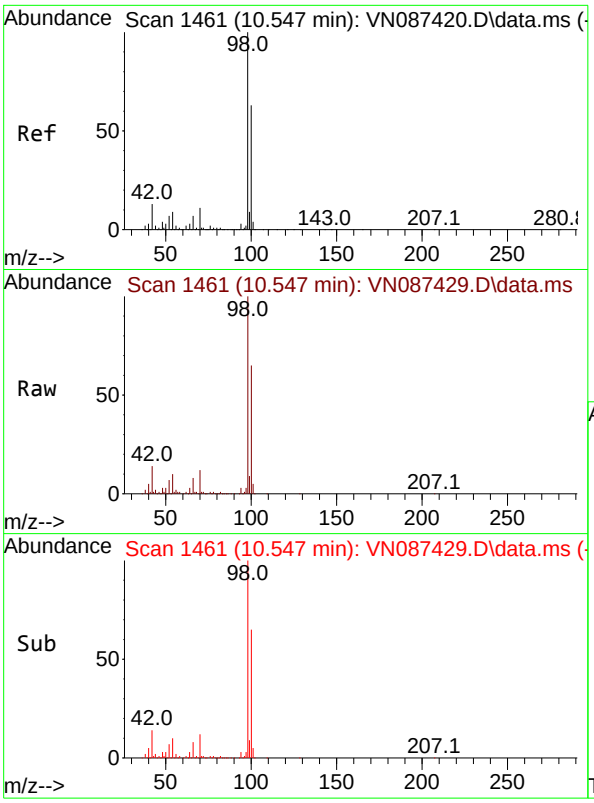


#62
Toluene
Concen: 160.939 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 91 Resp: 3165383

Ion	Ratio	Lower	Upper
91	100		
92	56.6	45.6	68.4





#63
Toluene-d8
Concen: 30.199 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

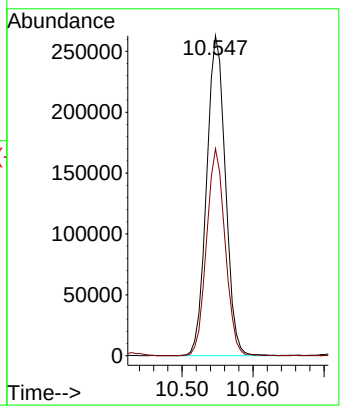
Tgt Ion: 98 Resp: 48332

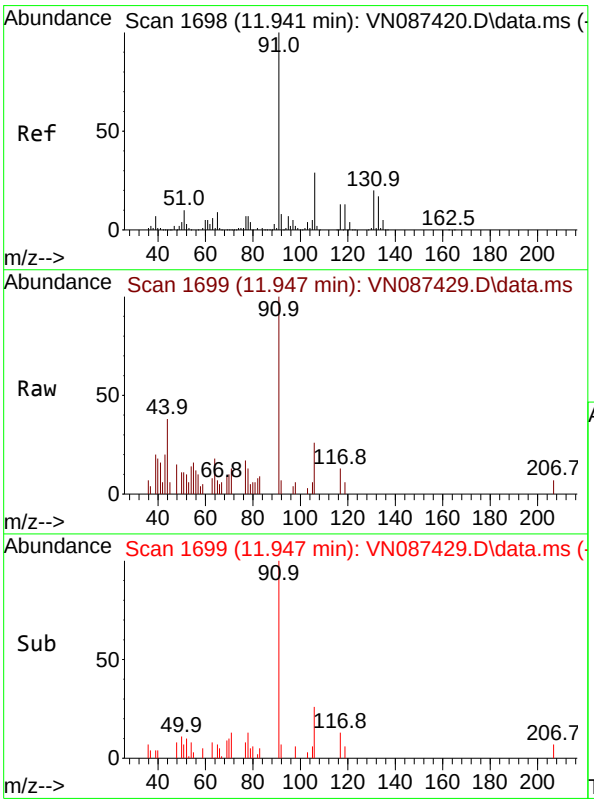
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

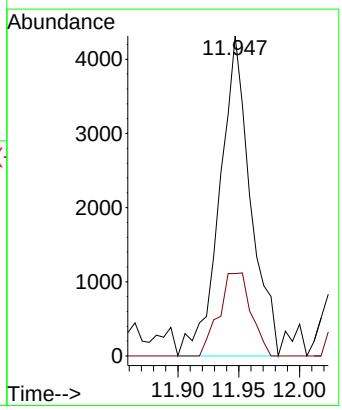


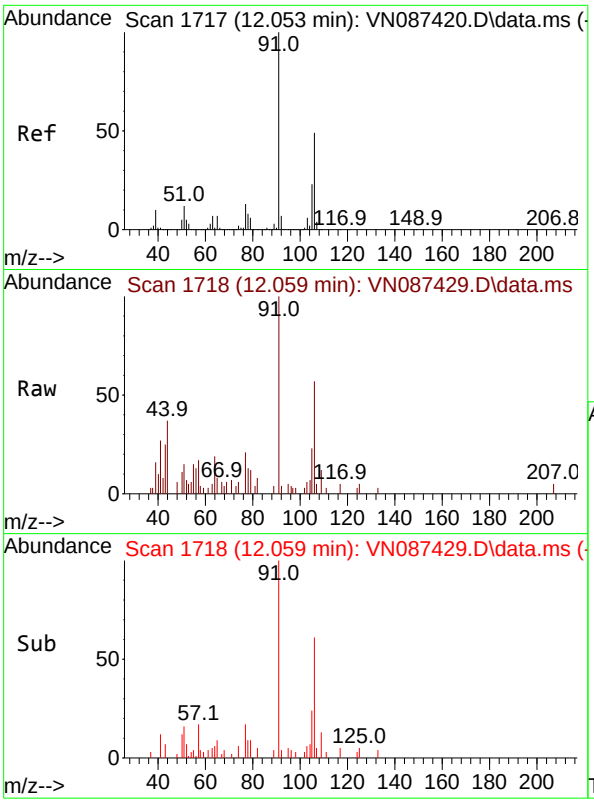


#66
Ethyl Benzene
Concen: 0.353 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion: 91 Resp: 7596

Ion	Ratio	Lower	Upper
91	100		
106	25.8	23.6	35.4





#67
m/p-Xylenes
Concen: 0.802 ug/l
RT: 12.059 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

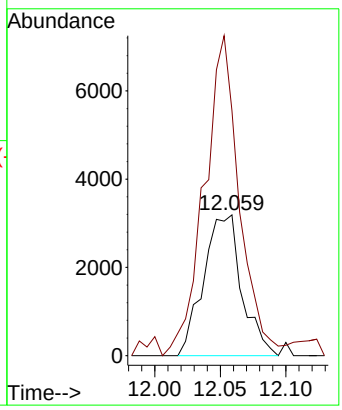
Tgt Ion:106 Resp: 646

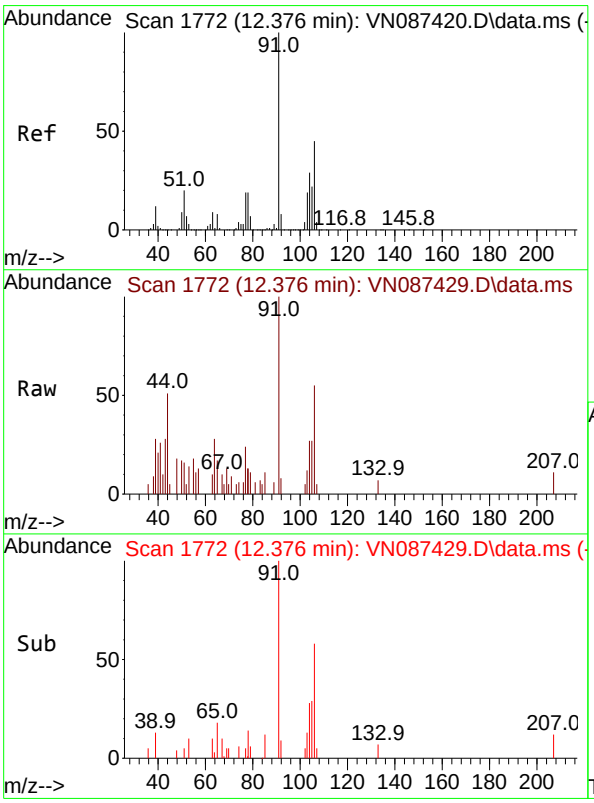
Ion	Ratio	Lower	Upper
106	100		
91	207.9	165.4	248.2

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

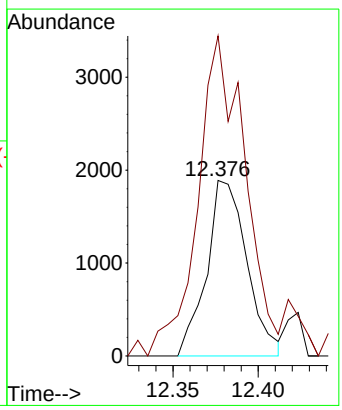


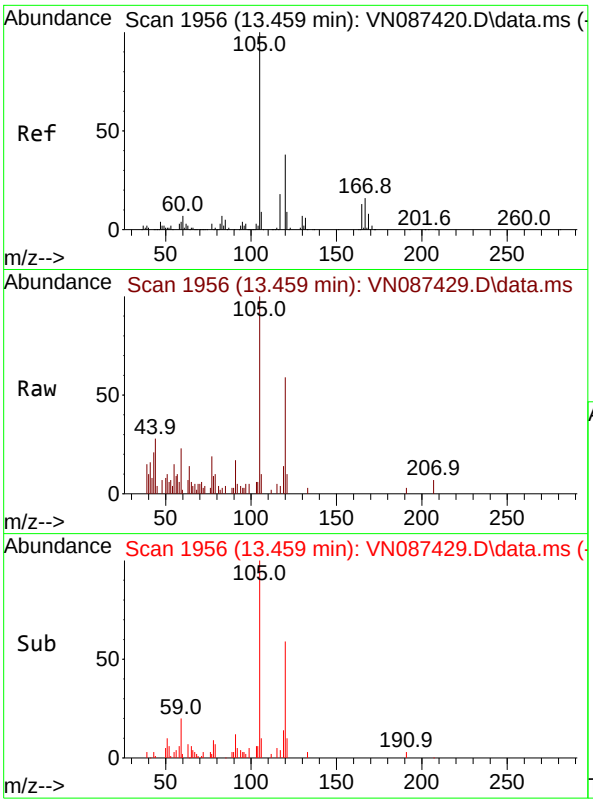


#68
o-Xylene
Concen: 0.395 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion:106 Resp: 3110

Ion	Ratio	Lower	Upper
106	100		
91	212.7	106.9	320.8





#80
1,2,4-Trimethylbenzene
Concen: 0.833 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

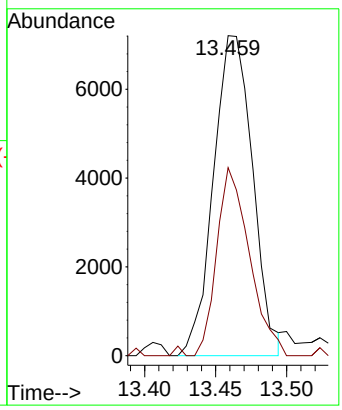
Tgt Ion:105 Resp: 1384

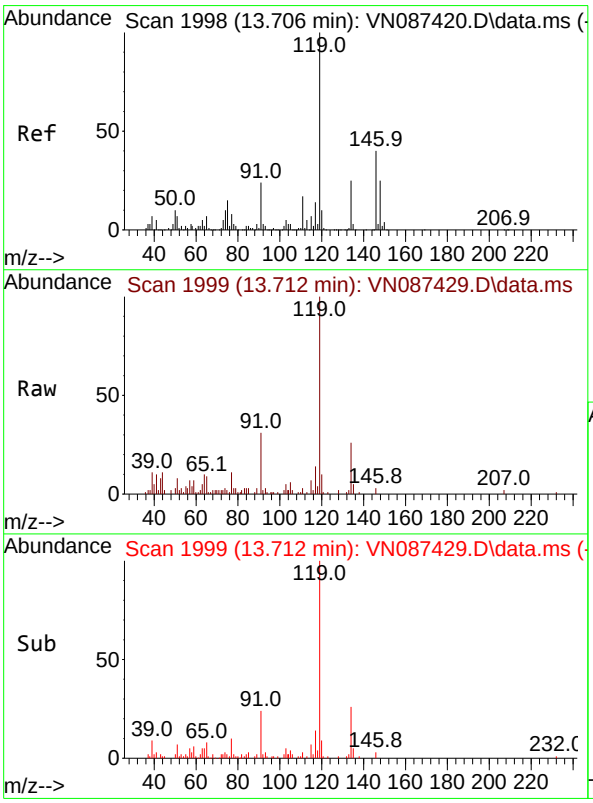
Ion	Ratio	Lower	Upper
105	100		
120	49.0	0.0	88.6

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

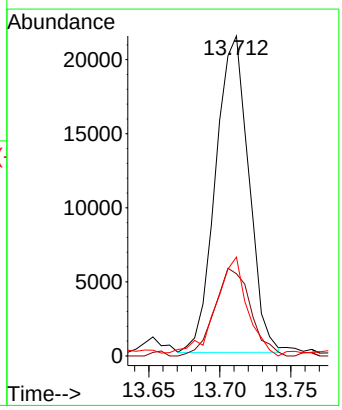




#82
p-Isopropyltoluene
Concen: 1.984 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087429.D
Acq: 28 Jul 2025 13:56

Tgt Ion:119 Resp: 34640

Ion	Ratio	Lower	Upper
119	100		
134	30.0	0.0	50.8
91	27.2	0.0	47.6



Raw Data: **VN087431.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/24/25
Project:	Transfer Station-SPDES	Date Received:	07/25/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)DL	SDG No.:	Q2699
Lab Sample ID:	Q2699-01DL	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087431.D	4	07/28/25 14:53	VN072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.80	UD	1.80	20.0	ug/L
108-88-3	Toluene	150	D	1.80	20.0	ug/L
100-41-4	Ethyl Benzene	2.20	UD	2.20	20.0	ug/L
179601-23-1	m/p-Xylenes	5.20	UD	5.20	40.0	ug/L
95-47-6	o-Xylene	2.70	UD	2.70	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.0		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	30.3		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.2		63 - 112	94%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	66900	7.794			
540-36-3	1,4-Difluorobenzene	370000	9.082			
3114-55-4	Chlorobenzene-d5	330000	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\VN072825\
Data File : VN087431.D
Acq On : 28 Jul 2025 14:53
Operator : JC\MD
Sample : Q2699-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 28 15:10:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

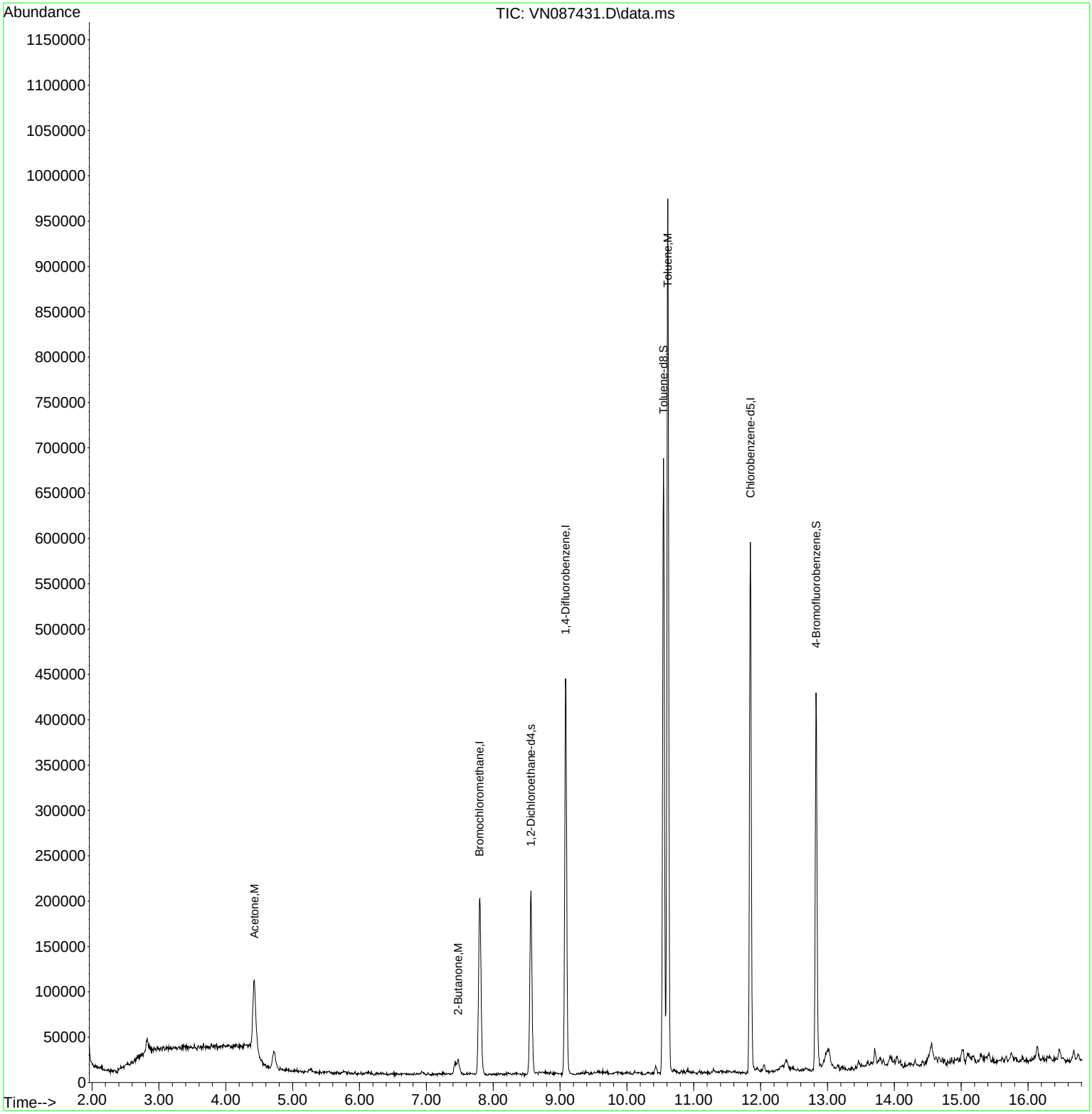
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	66855	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	369763	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	330190	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	153468	30.019	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.067%			
60) 4-Bromofluorobenzene	12.829	95	152645	28.152	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.833%			
63) Toluene-d8	10.547	98	458875	30.261	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.867%			
Target Compounds						Qvalue
15) Acetone	4.430	58	37796	60.306	ug/l	89
30) 2-Butanone	7.477	43	24573	6.461	ug/l #	96
62) Toluene	10.612	91	717288	38.492	ug/l	99

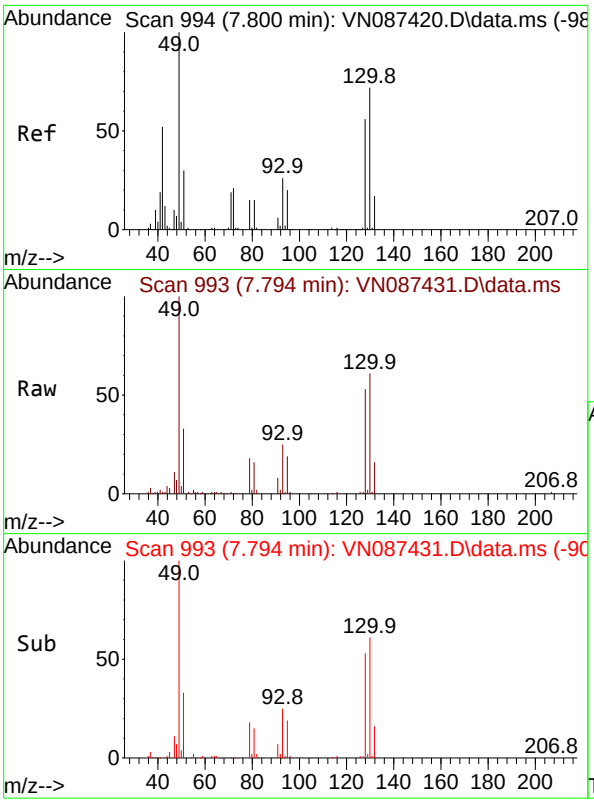
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087431.D
Acq On : 28 Jul 2025 14:53
Operator : JC\MD
Sample : Q2699-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 28 15:10:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration



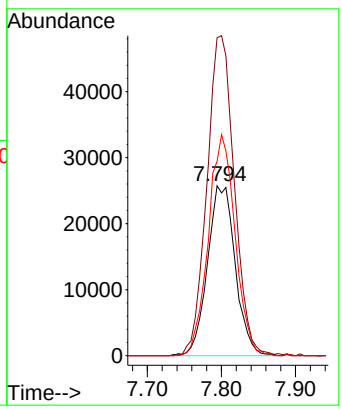


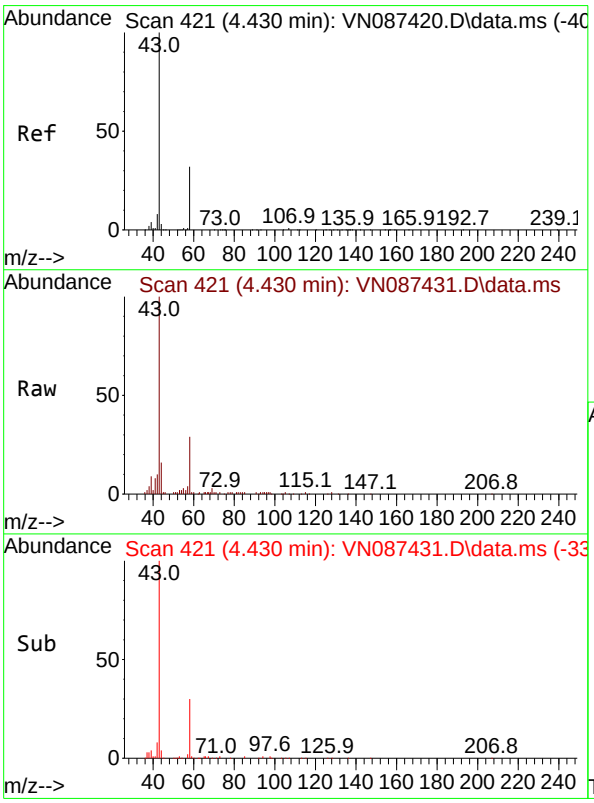
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

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

Tgt Ion:128 Resp: 66855

Ion	Ratio	Lower	Upper
128	100		
49	186.3	0.0	457.3
130	125.9	0.0	316.0

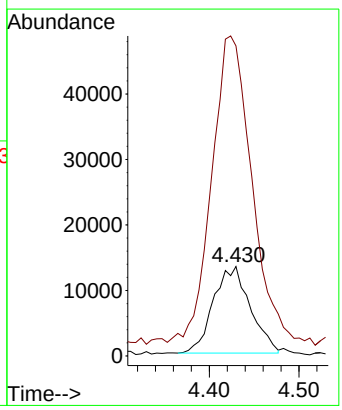


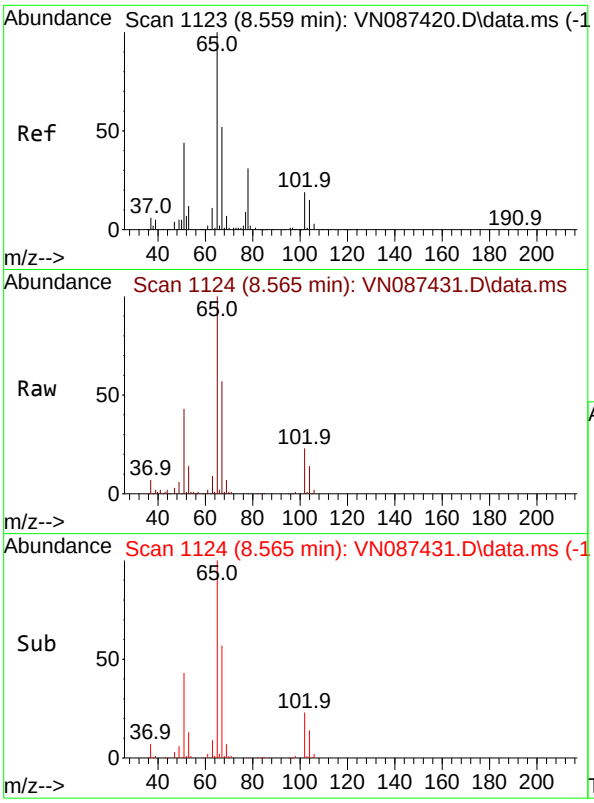


#15
Acetone
Concen: 60.306 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion: 58 Resp: 37796

Ion	Ratio	Lower	Upper
58	100		
43	332.2	248.4	372.6



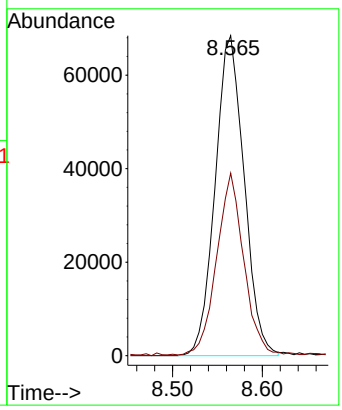


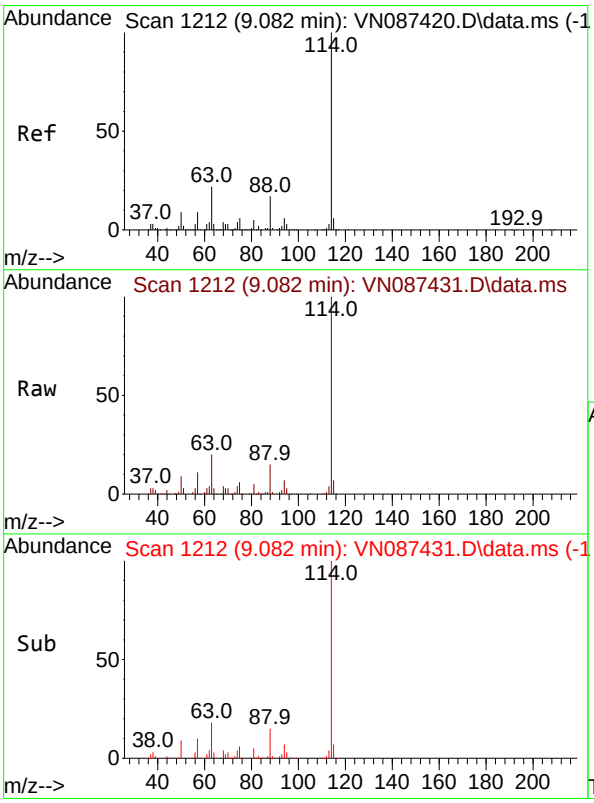
#27
1,2-Dichloroethane-d4
Concen: 30.019 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

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

Tgt Ion: 65 Resp: 153468

Ion	Ratio	Lower	Upper
65	100		
67	53.6	42.3	63.5

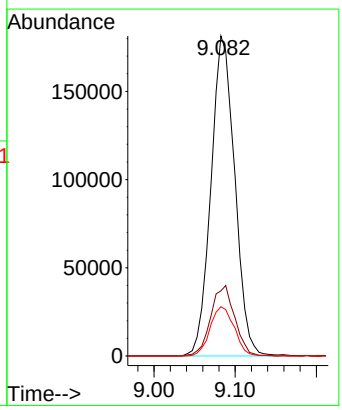


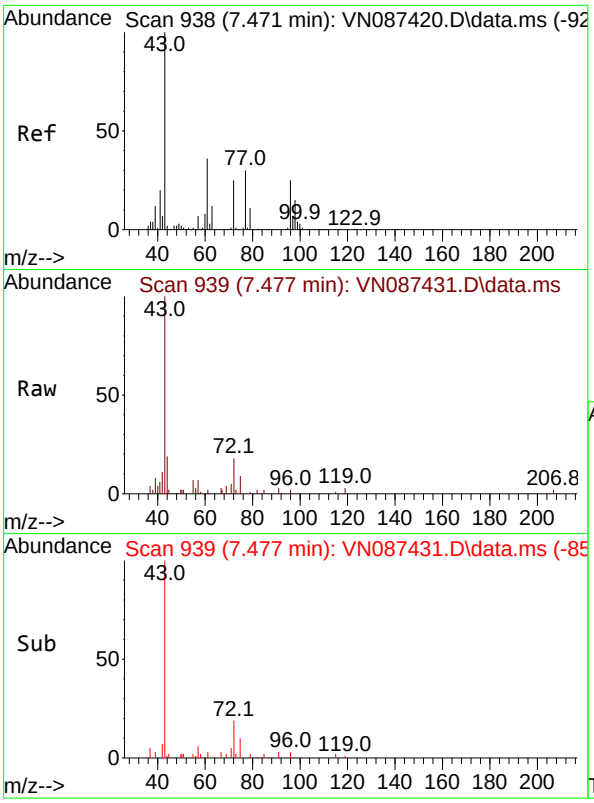


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion:114 Resp: 369763

Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.8	26.6
88	15.6	13.0	19.4



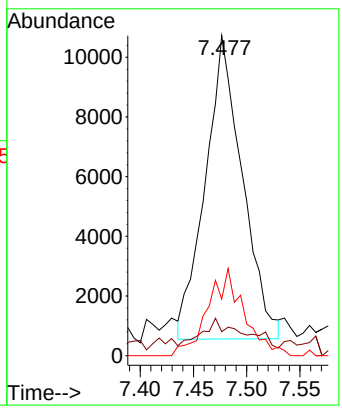


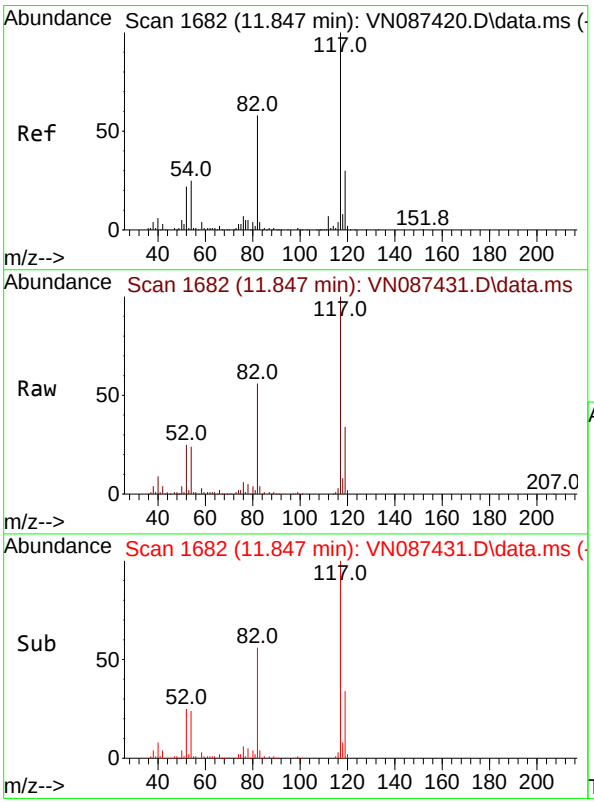
#30
2-Butanone
Concen: 6.461 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

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

Tgt Ion: 43 Resp: 24573

Ion	Ratio	Lower	Upper
43	100		
57	5.5	6.0	9.0#
72	27.3	20.3	30.5

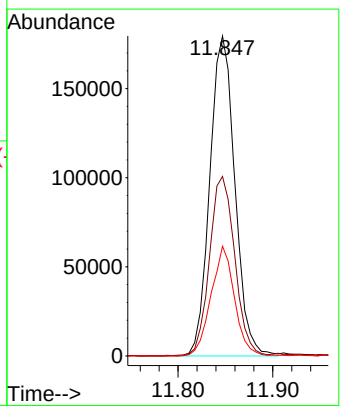


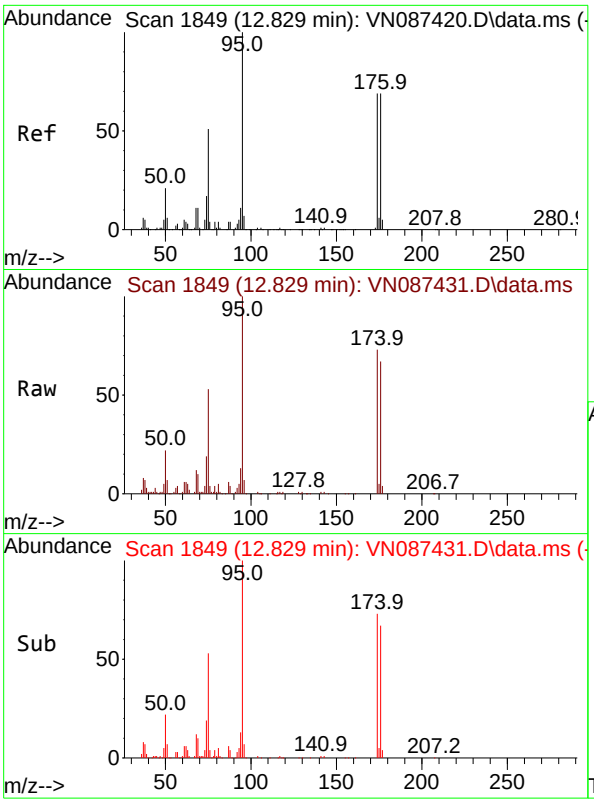


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion:117 Resp: 330190

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.2	69.4
119	32.1	25.7	38.5



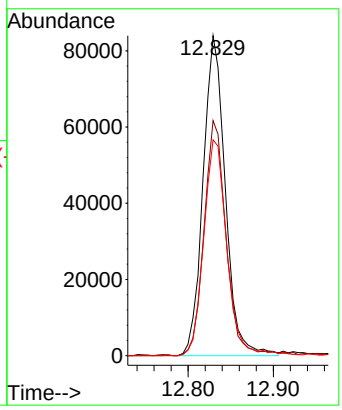


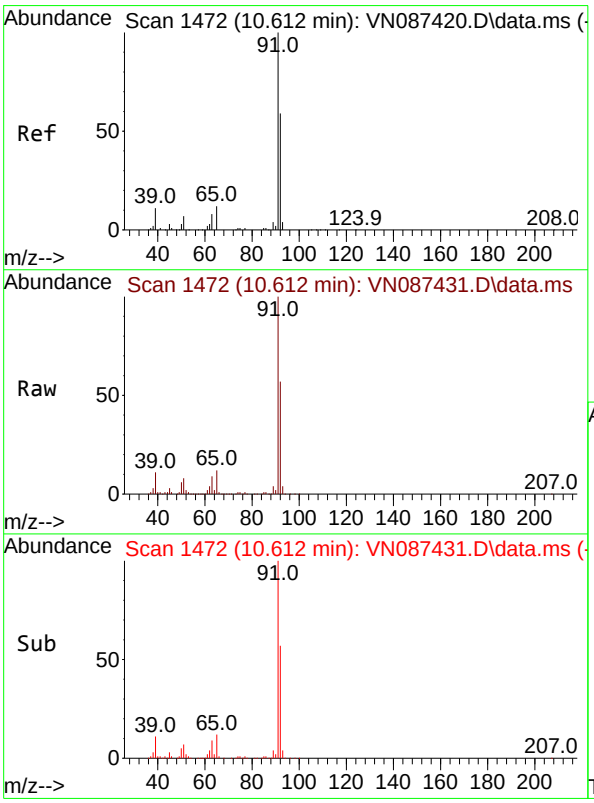
#60
4-Bromofluorobenzene
Concen: 28.152 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

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

Tgt Ion: 95 Resp: 152645

Ion	Ratio	Lower	Upper
95	100		
174	71.6	57.8	86.8
176	69.7	54.9	82.3

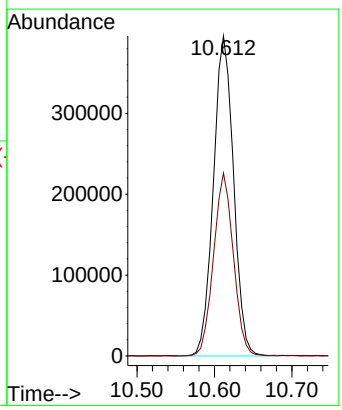


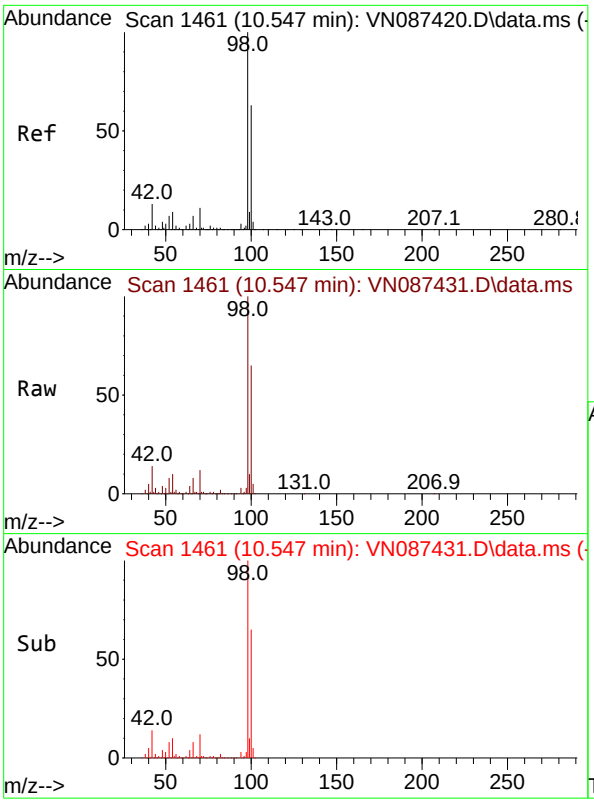


#62
Toluene
Concen: 38.492 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion: 91 Resp: 717288

Ion	Ratio	Lower	Upper
91	100		
92	56.3	45.6	68.4



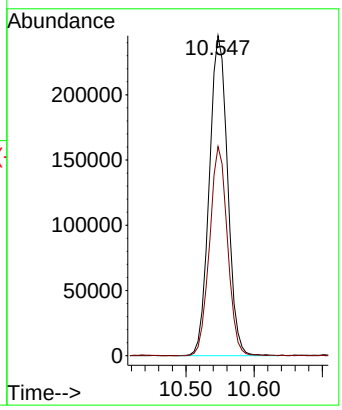


#63
Toluene-d8
Concen: 30.261 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

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

Tgt Ion: 98 Resp: 458875

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1



Raw Data: **VN087430.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/24/25
Project:	Transfer Station-SPDES	Date Received:	07/25/25
Client Sample ID:	002-35TH-AVE(JUNE)	SDG No.:	Q2699
Lab Sample ID:	Q2699-02	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
VN087430.D	1	07/28/25 14:17	VN072825

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	140		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	30.2		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.1		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.3		63 - 112	94%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	67500	7.8			
540-36-3	1,4-Difluorobenzene	376000	9.083			
3114-55-4	Chlorobenzene-d5	333000	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\VN072825\
Data File : VN087430.D
Acq On : 28 Jul 2025 14:17
Operator : JC\MD
Sample : Q2699-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 28 14:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	67508	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	376224	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	333013	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	155838	30.188	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.633%				
60) 4-Bromofluorobenzene	12.829	95	154553	28.262	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.200%				
63) Toluene-d8	10.547	98	459827	30.067	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.233%				
Target Compounds							Qvalue
15) Acetone	4.424	58	174622	275.927	ug/l		86
18) Methylene Chloride	5.259	84	7105m	1.634	ug/l		
30) 2-Butanone	7.477	43	103196	26.669	ug/l	#	96
62) Toluene	10.612	91	2581443	137.355	ug/l		99
66) Ethyl Benzene	11.947	91	6147	0.299	ug/l	#	72
67) m/p-Xylenes	12.047	106	5396	0.701	ug/l		92
68) o-Xylene	12.376	106	3094	0.411	ug/l		82
76) 1,3,5-Trimethylbenzene	13.147	105	5169	0.323	ug/l		88
80) 1,2,4-Trimethylbenzene	13.465	105	11807	0.743	ug/l		93
82) p-Isopropyltoluene	13.706	119	31069	1.862	ug/l		97

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

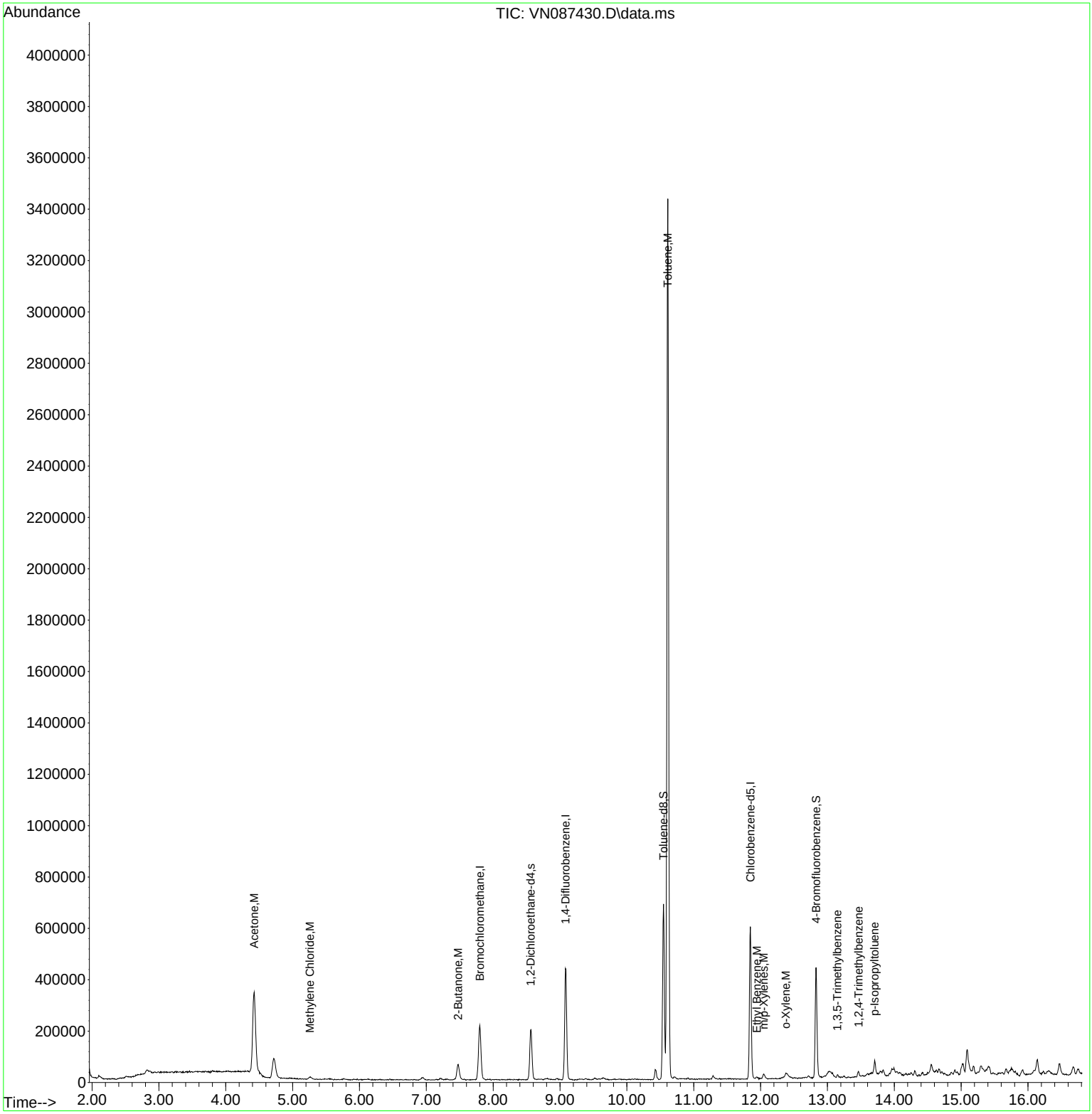
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087430.D
Acq On : 28 Jul 2025 14:17
Operator : JC\MD
Sample : Q2699-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

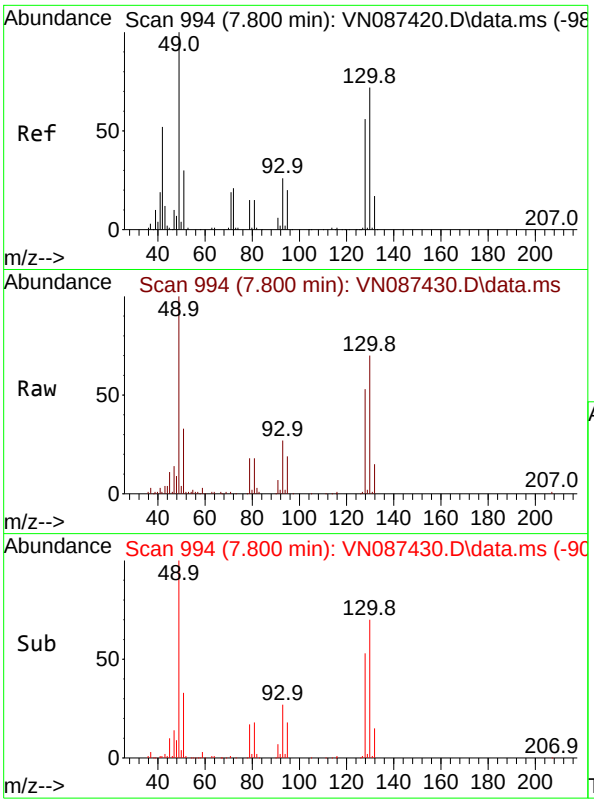
Quant Time: Jul 28 14:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

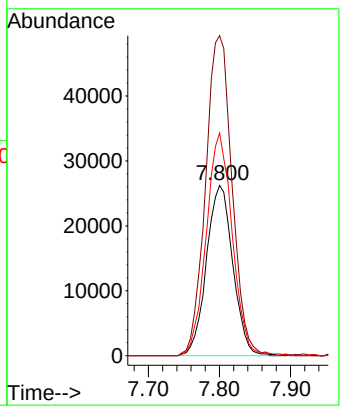




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion:128 Resp: 6750

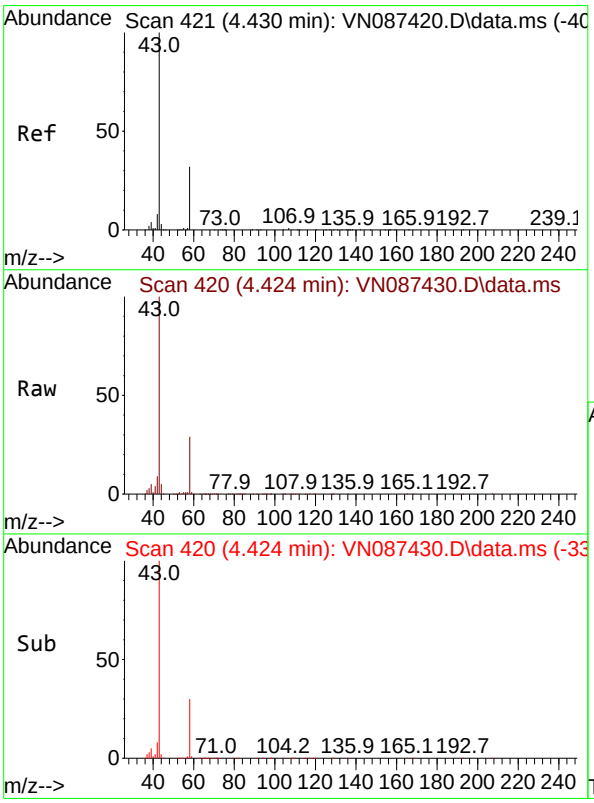
Ion	Ratio	Lower	Upper
128	100		
49	189.0	0.0	457.3
130	128.8	0.0	316.0



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

Manual Integrations
APPROVED

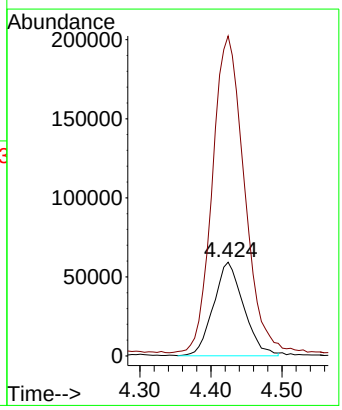
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

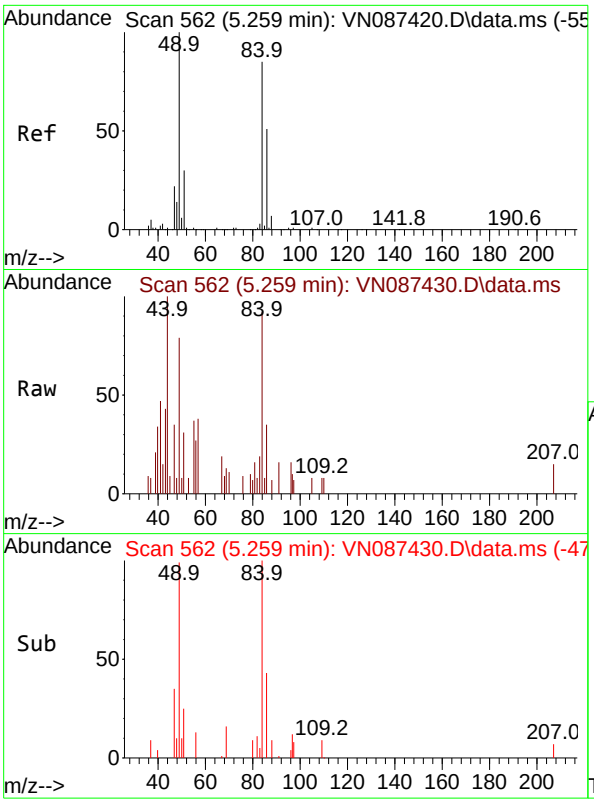


#15
Acetone
Concen: 275.927 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 58 Resp: 174622

Ion	Ratio	Lower	Upper
58	100		
43	337.8	248.4	372.6

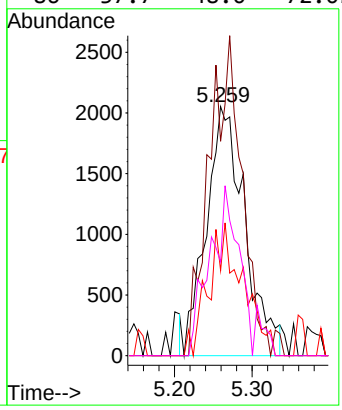




#18
Methylene Chloride
Concen: 1.634 ug/l m
RT: 5.259 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 84 Resp: 710

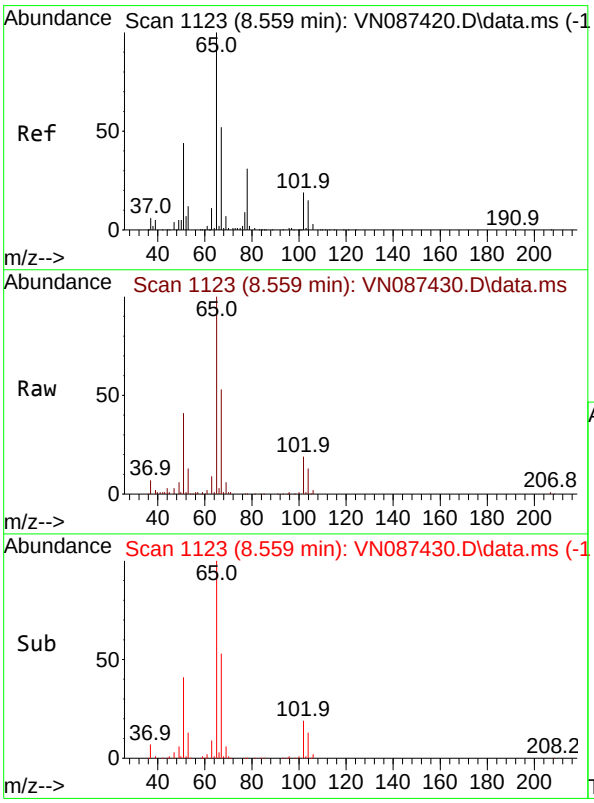
Ion	Ratio	Lower	Upper
84	100		
49	86.1	93.5	140.3#
51	34.2	28.0	42.0
86	37.7	48.0	72.0#



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

Manual Integrations
APPROVED

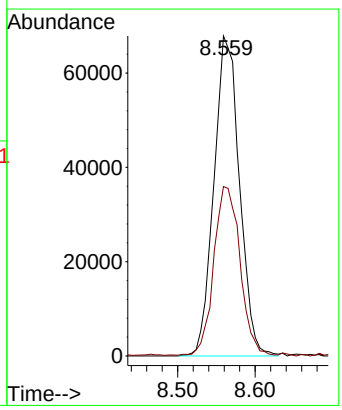
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

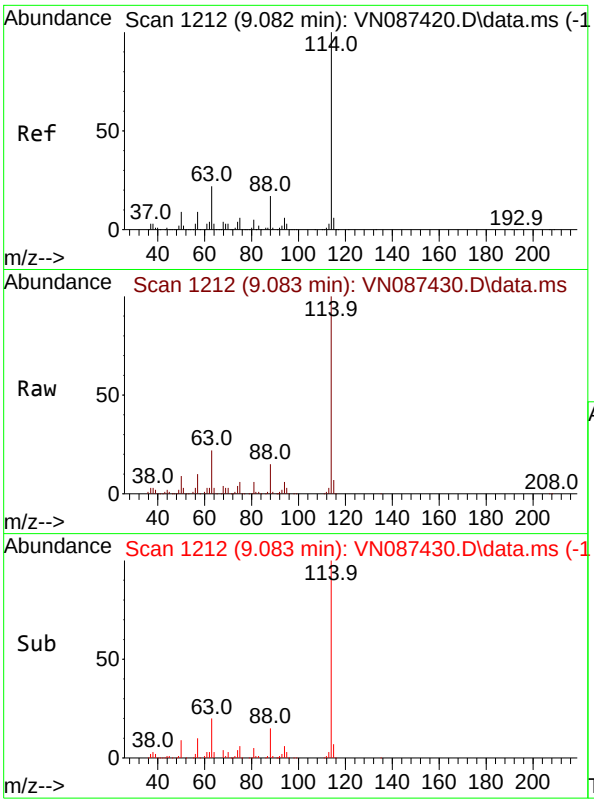


#27
1,2-Dichloroethane-d4
Concen: 30.188 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 65 Resp: 155838

Ion	Ratio	Lower	Upper
65	100		
67	54.0	42.3	63.5

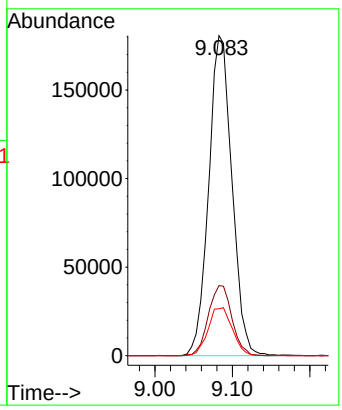




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion:114 Resp: 37622

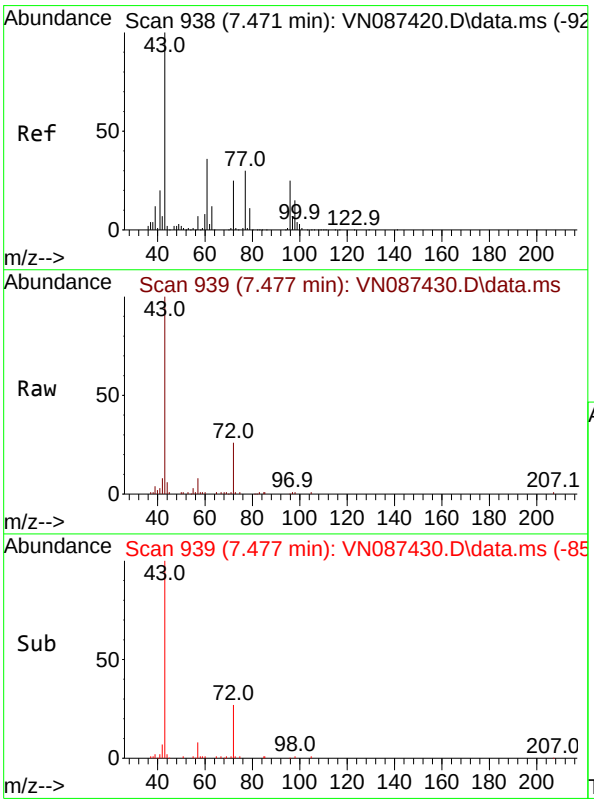
Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.8	26.6
88	15.7	13.0	19.4



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

Manual Integrations
APPROVED

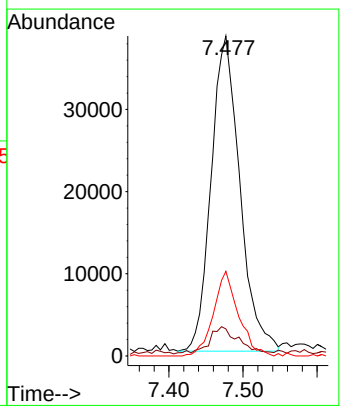
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

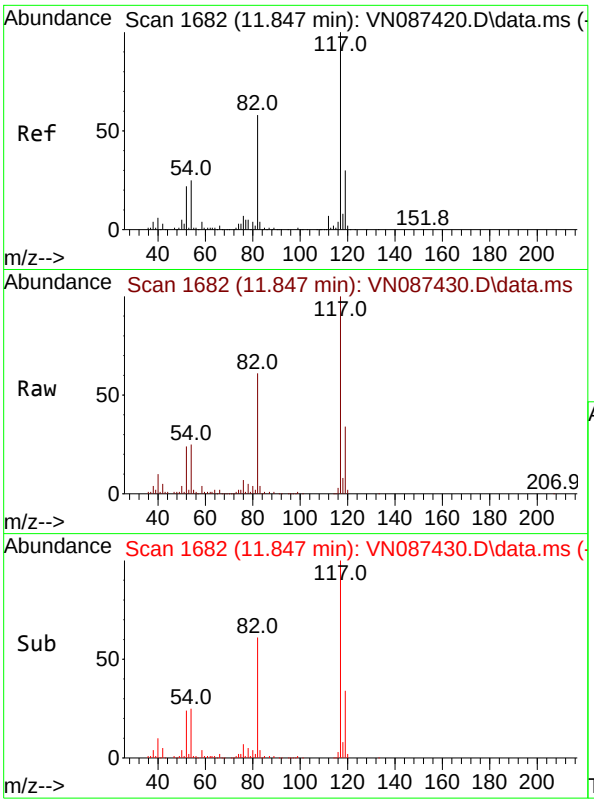


#30
2-Butanone
Concen: 26.669 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 43 Resp: 103196

Ion	Ratio	Lower	Upper
43	100		
57	5.9	6.0	9.0#
72	23.3	20.3	30.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

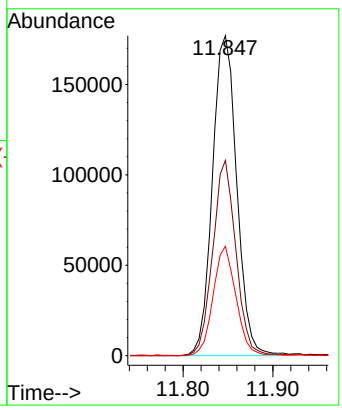
Tgt Ion:117 Resp: 33301

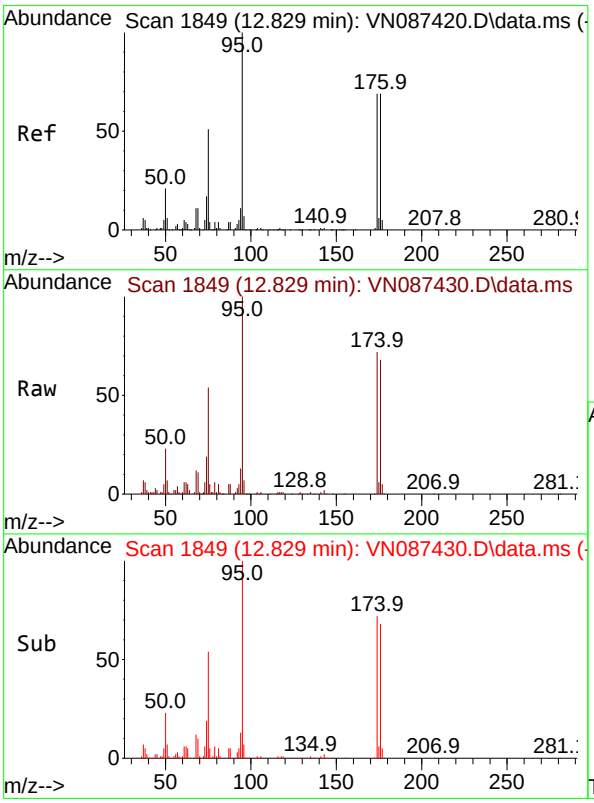
Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.4
119	32.0	25.7	38.5

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

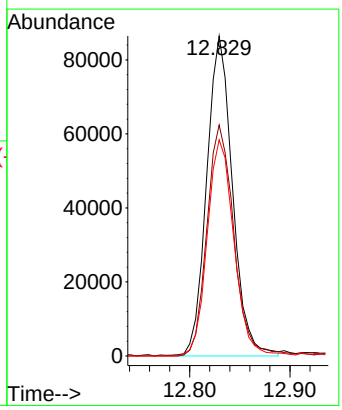


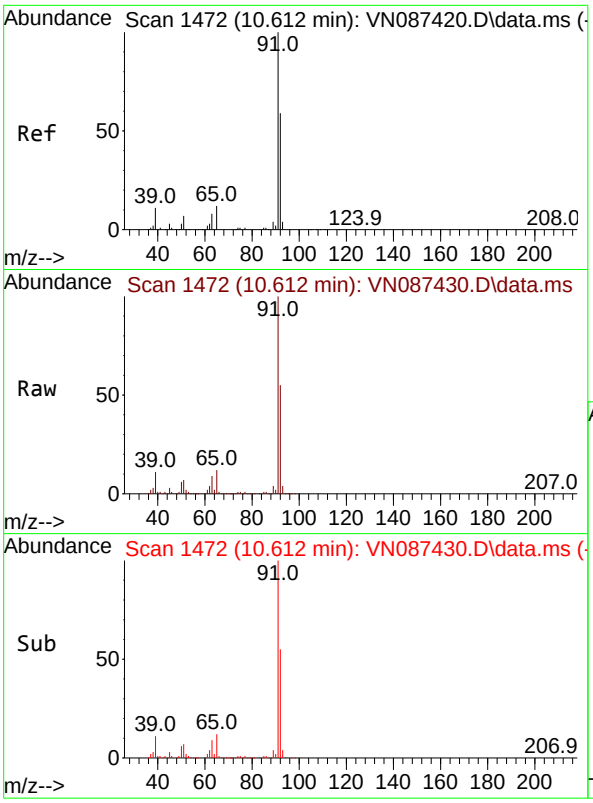


#60
4-Bromofluorobenzene
Concen: 28.262 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 95 Resp: 154553

Ion	Ratio	Lower	Upper
95	100		
174	75.2	57.8	86.8
176	70.0	54.9	82.3

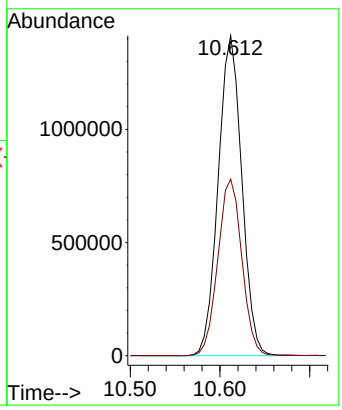




#62
Toluene
Concen: 137.355 ug/l
RT: 10.612 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 91 Resp: 258144

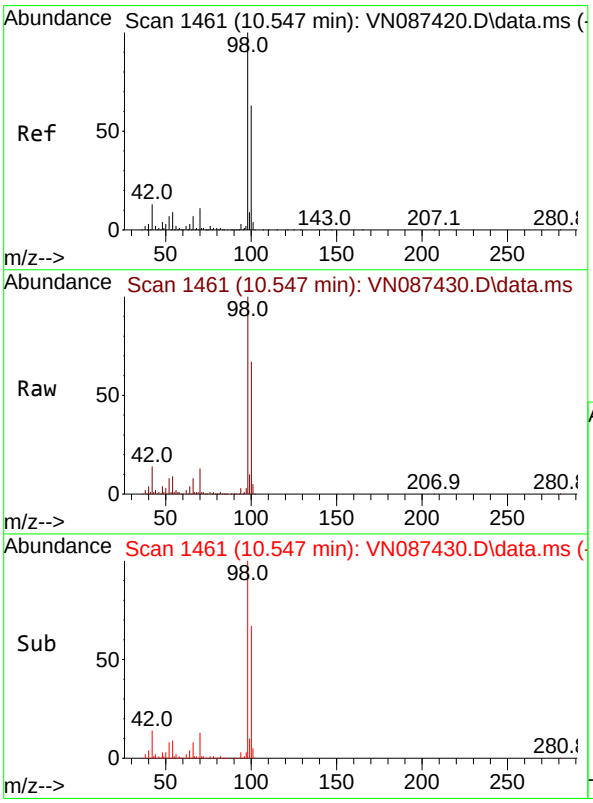
Ion	Ratio	Lower	Upper
91	100		
92	56.1	45.6	68.4



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

Manual Integrations
APPROVED

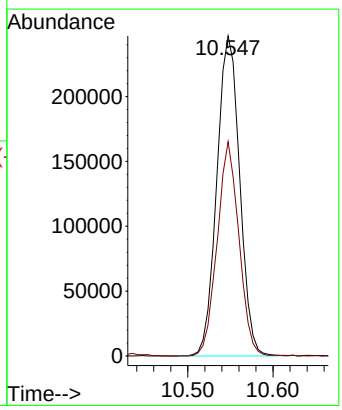
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

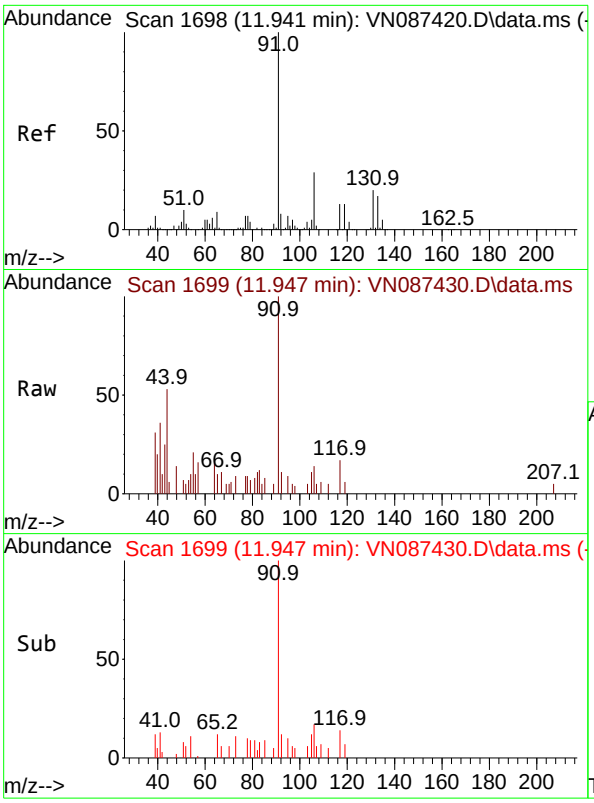


#63
Toluene-d8
Concen: 30.067 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion: 98 Resp: 459827

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1





#66
Ethyl Benzene
Concen: 0.299 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

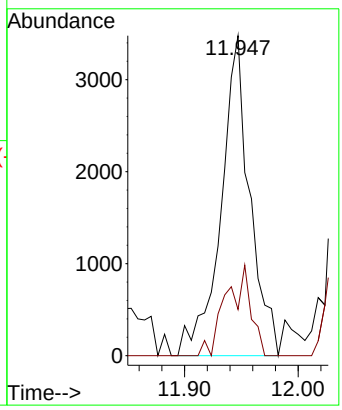
Tgt Ion: 91 Resp: 614

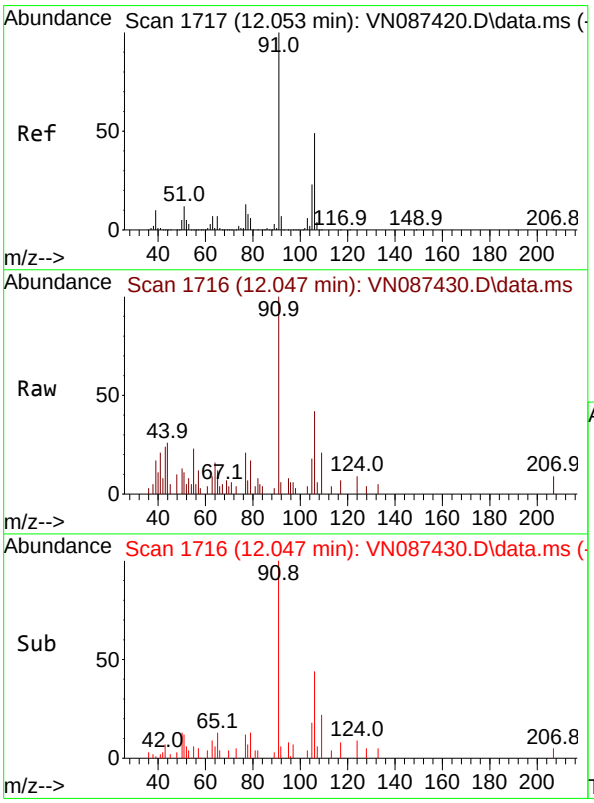
Ion	Ratio	Lower	Upper
91	100		
106	14.5	23.6	35.4

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

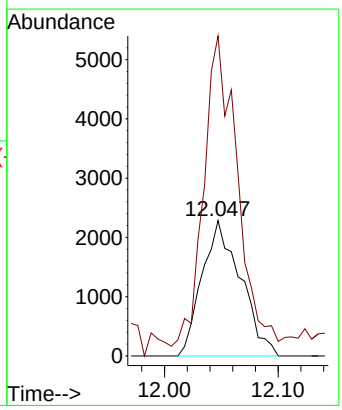


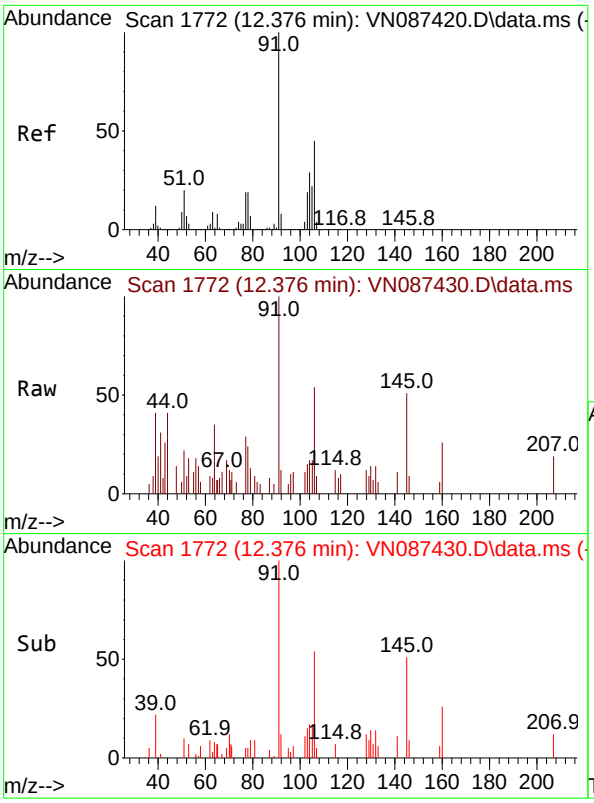


#67
m/p-Xylenes
Concen: 0.701 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion:106 Resp: 5396

Ion	Ratio	Lower	Upper
106	100		
91	193.7	165.4	248.2





#68
o-Xylene
Concen: 0.411 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

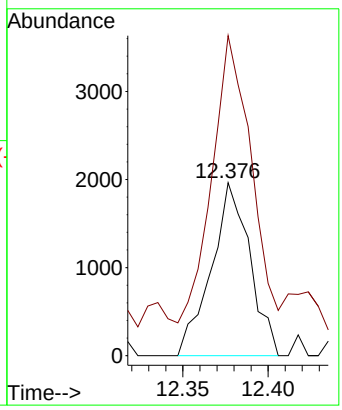
Tgt Ion:106 Resp: 309

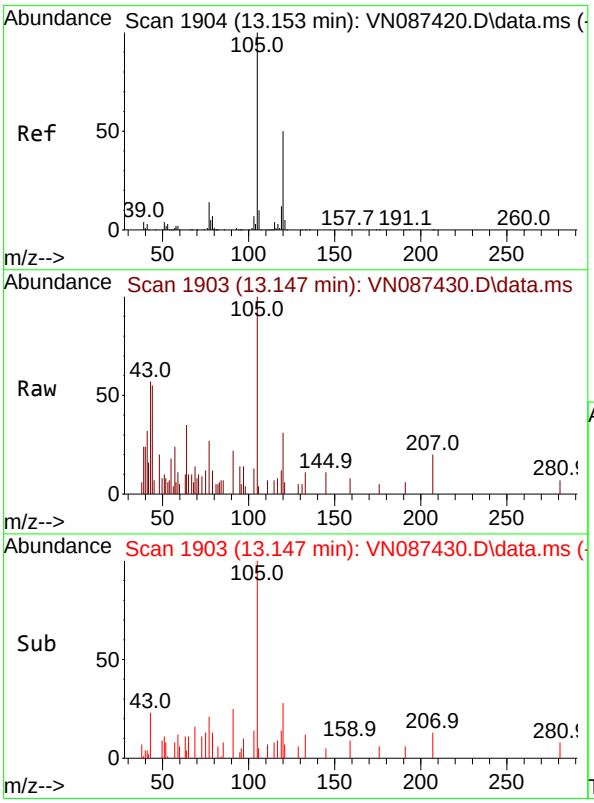
Ion	Ratio	Lower	Upper
106	100		
91	185.5	106.9	320.8

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

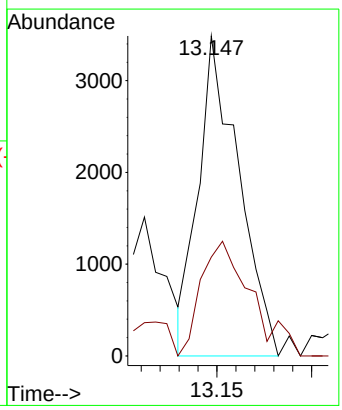


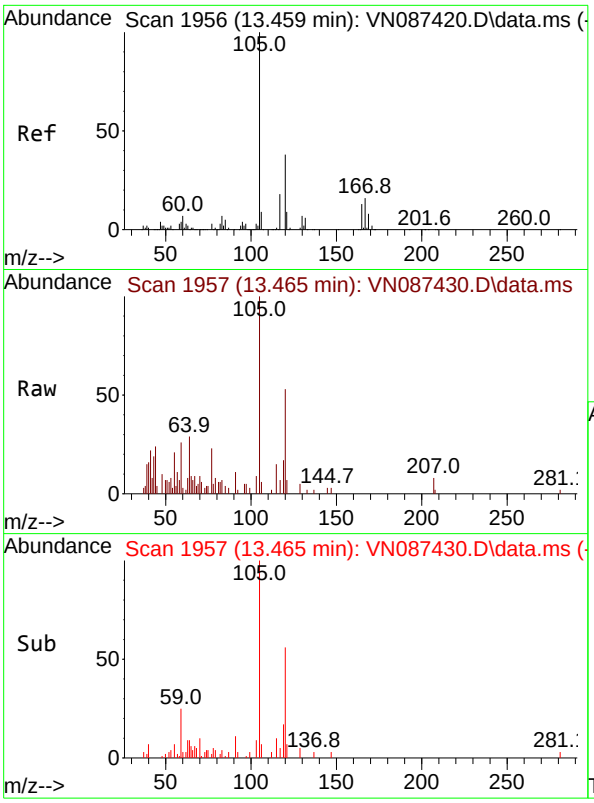


#76
1,3,5-Trimethylbenzene
Concen: 0.323 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion:105 Resp: 5169

Ion	Ratio	Lower	Upper
105	100		
120	40.4	0.0	97.0





#80
1,2,4-Trimethylbenzene
Concen: 0.743 ug/l
RT: 13.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

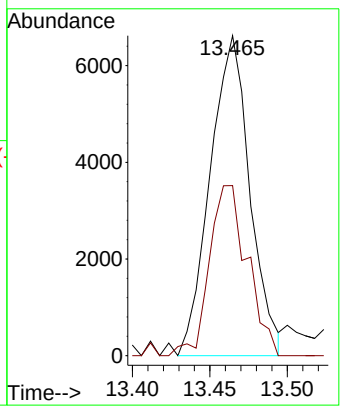
Tgt Ion:105 Resp: 1180

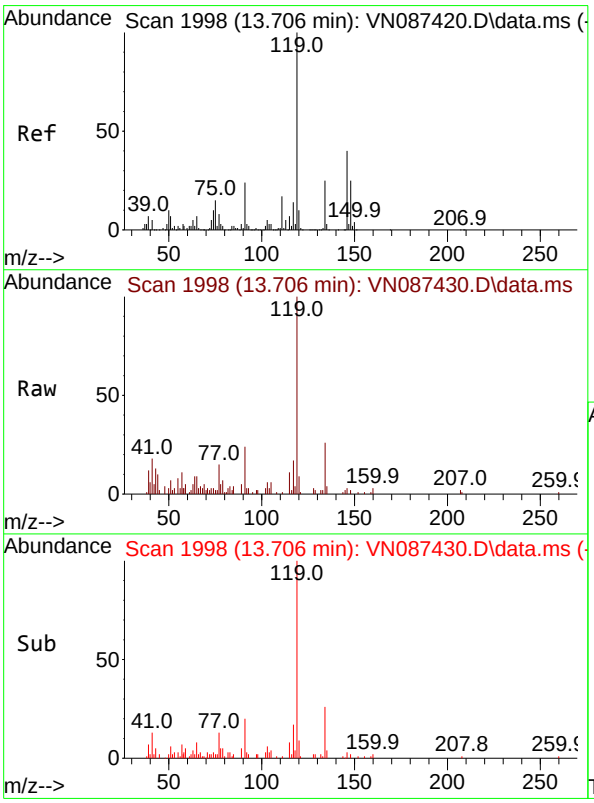
Ion	Ratio	Lower	Upper
105	100		
120	49.0	0.0	88.6

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

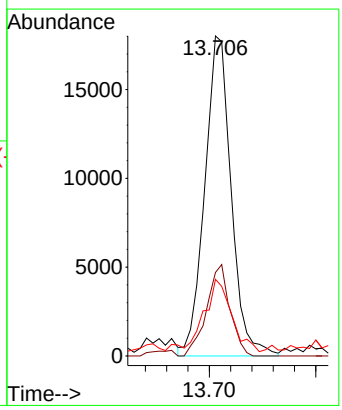




#82
p-Isopropyltoluene
Concen: 1.862 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087430.D
Acq: 28 Jul 2025 14:17

Tgt Ion:119 Resp: 31069

Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	50.8
91	21.5	0.0	47.6



CALIBRATION SUMMARY

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.: Q2699

Instrument ID: MSVOA_N Calibration Date(s): 07/28/2025 07/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:06 11:09

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

LAB FILE ID: RRF005 = VN087419.D RRF020 = VN087420.D RRF050 = VN087421.D
RRF100 = VN087422.D RRF150 = VN087423.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Benzene	1.354	1.412	1.148	1.483	1.569		1.393	11.4
Toluene	1.674	1.685	1.419	1.814	1.873		1.693	10.3
Ethyl Benzene	1.787	1.887	1.561	1.979	2.036		1.850	10.1
m/p-Xylenes	0.687	0.704	0.591	0.736	0.747		0.693	9
o-Xylene	0.651	0.704	0.570	0.730	0.736		0.678	10.2
1,2-Dichloroethane-d4	2.246	2.272	2.251	2.339	2.362		2.294	2.3
Toluene-d8	1.368	1.381	1.376	1.393	1.371		1.378	0.7
4-Bromofluorobenzene	0.484	0.493	0.486	0.505	0.495		0.493	1.7

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N072825W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Mon Jul 28 11:35:47 2025
Response Via : Initial Calibration

Calibration Files
5 =VN087419.D 20 =VN087420.D 50 =VN087421.D 100 =VN087422.D 150 =VN087423.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	1.493	1.818	1.418	1.937	2.086	1.750	16.37
3)	M	Chloromethane	1.791	1.874	1.496	1.974	2.156	1.858	13.14
4)	M	Vinyl Chloride	1.868	1.887	1.513	2.007	2.124	1.880	12.20
5)	M	Bromomethane	0.895	0.897	0.754	0.976	1.062	0.917	12.42
6)	M	Chloroethane	1.050	1.082	0.867	1.122	1.180	1.060	11.18
7)	M	Trichlorofluorom...	2.285	2.321	1.965	2.546	2.709	2.365	11.94
8)	T	Diethyl Ether	0.996	1.009	0.792	1.037	1.102	0.987	11.79
9)		1,1,2-Trichlorot...	1.306	1.282	1.049	1.366	1.449	1.290	11.59
10)	M	1,1-Dichloroethene	1.160	1.306	1.066	1.392	1.493	1.283	13.43
11)		Methyl Iodide	0.648	0.892	0.977	1.560	1.734	1.162	39.82
12)		Methyl Acetate	2.590	2.768	2.292	3.063	3.279	2.798	13.87
13)	M	Acrolein	0.275	0.180	0.157	0.225	0.304	0.228	27.02
14)	M	Acrylonitrile	1.141	1.224	0.974	1.333	1.394	1.213	13.63
15)	M	Acetone	0.319	0.296	0.217	0.278	0.295	0.281	13.69
16)	M	Carbon Disulfide	4.690	4.487	3.743	4.799	5.085	4.561	11.08
17)		Allyl chloride	2.755	3.014	2.435	3.273	3.474	2.990	13.77
18)	M	Methylene Chloride	2.027	1.941	1.563	2.010	2.120	1.932	11.17
19)	M	trans-1,2-Dichlo...	2.012	1.775	1.438	1.885	2.006	1.823	12.96
20)	T	Diisopropyl ether	6.086	6.963	5.642	7.441	7.887	6.804	13.69
21)	M	1,1-Dichloroethane	3.369	3.457	2.831	3.685	3.900	3.448	11.67
22)	M	cis-1,2-Dichloro...	2.269	2.217	1.814	2.338	2.442	2.216	10.82
23)	M	tert-Butyl Alcohol	0.466	0.472	0.380	0.510	0.524	0.470	11.96
24)	M	Methyl tert-Buty...	5.944	6.324	5.265	6.939	7.365	6.367	12.95
25)	M	Chloroform	3.354	3.453	2.887	3.733	3.981	3.481	11.87
26)		Cyclohexane	3.272	3.133	2.590	3.367	3.562	3.185	11.54
27)	s	1,2-Dichloroetha...	2.246	2.272	2.251	2.339	2.362	2.294	2.32
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.417	0.431	0.350	0.450	0.481	0.426	11.47
30)	M	2-Butanone	0.296	0.312	0.254	0.334	0.346	0.309	11.72
31)		2,2-Dichloropropane	0.532	0.543	0.434	0.560	0.585	0.531	10.92
32)	M	1,1,1-Trichloroe...	0.496	0.513	0.424	0.545	0.581	0.512	11.47
33)	M	Carbon Tetrachlo...	0.402	0.427	0.354	0.449	0.479	0.422	11.27
34)	M	Benzene	1.354	1.412	1.148	1.483	1.569	1.393	11.40
35)		Methacrylonitrile	0.342	0.353	0.285	0.384	0.403	0.353	12.77
36)	M	1,2-Dichloroethane	0.442	0.465	0.376	0.503	0.532	0.464	12.92
37)	M	Trichloroethene	0.322	0.318	0.262	0.337	0.351	0.318	10.67
38)		Methylcyclohexane	0.573	0.539	0.456	0.576	0.603	0.549	10.40
39)	M	1,2-Dichloropropane	0.340	0.346	0.295	0.379	0.393	0.351	10.88
40)		Dibromomethane	0.253	0.242	0.206	0.265	0.278	0.249	11.11
41)	M	Bromodichloromet...	0.484	0.486	0.419	0.542	0.572	0.501	11.79
42)	M	Vinyl Acetate	1.024	1.028	0.840	1.179	1.120	1.038	12.36
43)		Ethyl Acetate	0.569	0.679	0.546	0.656	0.713	0.633	11.40
44)		Isopropyl Acetate	0.938	1.010	0.843	1.103	1.159	1.011	12.50
45)	T	1,4-Dioxane	0.006	0.007	0.005	0.007	0.007	0.006	11.99
46)		Methyl methacrylate	0.428	0.450	0.399	0.522	0.553	0.471	13.76
47)		n-amyl Acetate	0.009	0.249	0.403	0.677	0.745	0.417	73.04
48)	M	t-1,3-Dichloropr...	0.527	0.535	0.474	0.624	0.658	0.564	13.40
49)	T	cis-1,3-Dichloro...	0.574	0.564	0.502	0.641	0.679	0.592	11.71
50)	M	1,1,2-Trichloroe...	0.319	0.316	0.277	0.363	0.380	0.331	12.42
51)		Ethyl methacrylate	0.526	0.570	0.509	0.682	0.712	0.600	15.36
52)		1,3-Dichloropropane	0.547	0.536	0.490	0.627	0.662	0.572	12.28
53)	M	Dibromochloromet...	0.357	0.357	0.322	0.421	0.442	0.380	13.07
54)	M	1,2-Dibromoethane	0.333	0.326	0.293	0.385	0.405	0.348	13.04
55)	M	2-Chloroethyl vi...	0.313	0.256	0.206	0.211	0.247	0.247	17.39
56)	M	Bromoform	0.247	0.251	0.225	0.297	0.312	0.267	13.80

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N072825W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.642	0.703	0.571	0.728	0.734	0.676	10.21
59)	M	2-Hexanone	0.399	0.471	0.402	0.531	0.539	0.468	14.40
60)	S	4-Bromofluoroben...	0.484	0.493	0.486	0.505	0.495	0.493	1.72
61)	M	Tetrachloroethene	0.285	0.282	0.238	0.303	0.315	0.285	10.27
62)	M	Toluene	1.674	1.685	1.419	1.814	1.873	1.693	10.33
63)	S	Toluene-d8	1.368	1.381	1.376	1.393	1.371	1.378	0.72
64)	M	Chlorobenzene	1.036	1.039	0.864	1.115	1.151	1.041	10.62
65)		1,1,1,2-Tetrachl...	0.337	0.366	0.298	0.377	0.387	0.353	10.23
66)	M	Ethyl Benzene	1.787	1.887	1.561	1.979	2.036	1.850	10.11
67)	M	m/p-Xylenes	0.687	0.704	0.591	0.736	0.747	0.693	8.95
68)	M	o-Xylene	0.651	0.704	0.570	0.730	0.736	0.678	10.19
69)	M	Styrene	1.093	1.187	0.980	1.260	1.280	1.160	10.72
70)		Isopropylbenzene	1.673	1.783	1.455	1.885	1.912	1.742	10.68
71)	M	1,1,2,2-Tetrachl...	0.581	0.606	0.489	0.642	0.651	0.594	10.94
72)		1,2,3-Trichlorop...	0.454	0.599	0.456	0.598	0.594	0.540	14.44
73)		Bromobenzene	0.403	0.400	0.342	0.438	0.440	0.405	9.80
74)		n-propylbenzene	2.077	2.197	1.818	2.310	2.351	2.151	9.97
75)		2-Chlorotoluene	1.239	1.299	1.071	1.371	1.402	1.276	10.28
76)		1,3,5-Trimethylb...	1.388	1.478	1.220	1.550	1.579	1.443	10.04
77)		t-1,4-Dichloro-2...	0.184	0.223	0.193	0.269	0.277	0.229	18.62
78)		4-Chlorotoluene	1.273	1.348	1.098	1.404	1.429	1.311	10.15
79)		tert-butylbenzene	1.209	1.280	1.063	1.338	1.343	1.247	9.34
80)		1,2,4-Trimethylb...	1.396	1.485	1.219	1.528	1.531	1.432	9.14
81)		sec-Butylbenzene	1.812	1.906	1.575	1.971	1.994	1.852	9.19
82)		p-Isopropyltoluene	1.487	1.578	1.284	1.588	1.578	1.503	8.61
83)	M	1,3-Dichlorobenzene	0.751	0.793	0.660	0.813	0.812	0.766	8.38
84)	M	1,4-Dichlorobenzene	0.802	0.829	0.671	0.844	0.859	0.801	9.47
85)		n-Butylbenzene	1.503	1.537	1.283	1.608	1.637	1.514	9.21
86)	T	Hexachloroethane	0.292	0.313	0.257	0.327	0.338	0.305	10.42
87)	M	1,2-Dichlorobenzene	0.704	0.758	0.642	0.805	0.813	0.745	9.66
88)		1,2-Dibromo-3-Ch...	0.147	0.136	0.108	0.144	0.150	0.137	12.49
89)		1,2,4-Trichlorob...	0.440	0.457	0.375	0.489	0.510	0.454	11.44
90)		Hexachlorobutadiene	0.178	0.172	0.144	0.185	0.186	0.173	9.84
91)	M	Naphthalene	1.629	1.720	1.424	1.868	1.941	1.716	11.90
92)		1,2,3-Trichlorob...	0.440	0.457	0.375	0.489	0.510	0.454	11.44

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087419.D
Acq On : 28 Jul 2025 09:06
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 11:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.794	128	111157	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	632580	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	558264	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	249605	27.227	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 90.767%#				
60) 4-Bromofluorobenzene	12.829	95	270016	28.991	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.633%				
63) Toluene-d8	10.547	98	763779	30.084	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.267%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	27662	4.067	ug/l		89
3) Chloromethane	2.383	50	33177	4.911	ug/l		95
4) Vinyl Chloride	2.542	62	34614	4.649	ug/l		96
5) Bromomethane	2.983	94	16578	3.598	ug/l		95
6) Chloroethane	3.136	64	19448	3.399	ug/l		91
7) Trichlorofluoromethane	3.512	101	42333	3.343	ug/l		95
8) Diethyl Ether	3.965	74	18452	3.661	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.371	101	24197	3.606	ug/l		43
10) 1,1-Dichloroethene	4.336	96	21489	3.085	ug/l	#	89
11) Methyl Iodide	4.577	142	12010	2.363	ug/l	#	76
12) Methyl Acetate	5.012	43	47978	5.295	ug/l		97
13) Acrolein	4.171	56	25461m	15.455	ug/l		
14) Acrylonitrile	5.712	53	105735	25.551	ug/l		95
15) Acetone	4.424	58	29546	20.223	ug/l		86
16) Carbon Disulfide	4.700	76	86888	4.829	ug/l		96
17) Allyl chloride	5.012	41	51046	5.349	ug/l		85
18) Methylene Chloride	5.253	84	37558m	5.327	ug/l		
19) trans-1,2-Dichloroethene	5.777	96	37272m	5.448	ug/l		
20) Diisopropyl ether	6.653	45	112757	4.672	ug/l		96
21) 1,1-Dichloroethane	6.547	63	62412	4.842	ug/l		100
22) cis-1,2-Dichloroethene	7.471	96	42036	5.245	ug/l		94
23) tert-Butyl Alcohol	5.524	59	43138m	30.416	ug/l		
24) Methyl tert-Butyl Ether	5.789	73	110119	4.891	ug/l		96
25) Chloroform	7.947	83	62140	4.402	ug/l		95
26) Cyclohexane	8.241	56	60612	6.308	ug/l	#	93
29) 1,1-Dichloropropene	8.353	75	44005	4.077	ug/l		93
30) 2-Butanone	7.471	43	156277	21.262	ug/l	#	95
31) 2,2-Dichloropropane	7.477	77	56115	3.959	ug/l		96
32) 1,1,1-Trichloroethane	8.153	97	52285	3.702	ug/l		97
33) Carbon Tetrachloride	8.341	117	42422	3.457	ug/l		95
34) Benzene	8.588	78	142708	4.094	ug/l	#	85
35) Methacrylonitrile	7.771	41	36058	4.665	ug/l		88
36) 1,2-Dichloroethane	8.653	62	46622	3.390	ug/l	#	90
37) Trichloroethene	9.335	130	33934	4.266	ug/l		94
38) Methylcyclohexane	9.583	83	60463	5.300	ug/l		94
39) 1,2-Dichloropropane	9.600	63	35882	4.098	ug/l		98
40) Dibromomethane	9.688	93	26662	3.935	ug/l		75
41) Bromodichloromethane	9.871	83	51054	3.795	ug/l		97
42) Vinyl Acetate	6.589	43	539799	21.680	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087419.D
Acq On : 28 Jul 2025 09:06
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 11:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	59963	4.007 ug/l #	70
44) Isopropyl Acetate	8.671	43	98859	4.185 ug/l	99
45) 1,4-Dioxane	9.682	88	13370	91.864 ug/l #	65
46) Methyl methacrylate	9.665	41	45109	4.147 ug/l	93
48) t-1,3-Dichloropropene	10.818	75	55578	3.873 ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	60505	4.216 ug/l	94
50) 1,1,2-Trichloroethane	11.000	97	33604	3.841 ug/l	97
51) Ethyl methacrylate	10.859	69	55437	4.143 ug/l	86
52) 1,3-Dichloropropane	11.147	76	57620	3.830 ug/l	98
53) Dibromochloromethane	11.341	129	37647	3.671 ug/l	94
54) 1,2-Dibromoethane	11.447	107	35135	3.918 ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	164801	22.140 ug/l	99
56) Bromoform	12.565	173	26052	3.572 ug/l	99
58) 4-Methyl-2-Pentanone	10.430	43	298702	21.881 ug/l	99
59) 2-Hexanone	11.182	43	185403	20.122 ug/l	96
61) Tetrachloroethene	11.088	164	26530	4.256 ug/l	93
62) Toluene	10.612	91	155772	4.582 ug/l	96
64) Chlorobenzene	11.871	112	96389	4.434 ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	31396	3.952 ug/l	95
66) Ethyl Benzene	11.941	91	166263	4.517 ug/l	98
67) m/p-Xylenes	12.053	106	127883	8.779 ug/l	99
68) o-Xylene	12.376	106	60554	4.334 ug/l	93
69) Styrene	12.394	104	101722	4.184 ug/l	97
70) Isopropylbenzene	12.676	105	155707	4.425 ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	54103	4.370 ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	42197m	3.815 ug/l	
73) Bromobenzene	12.959	156	37530	4.097 ug/l	96
74) n-propylbenzene	13.012	91	193226	4.348 ug/l	99
75) 2-Chlorotoluene	13.106	91	115299	4.320 ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	129179	4.220 ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	17137	3.877 ug/l #	79
78) 4-Chlorotoluene	13.206	91	118459	4.161 ug/l	95
79) tert-butylbenzene	13.418	119	112446	4.325 ug/l	97
80) 1,2,4-Trimethylbenzene	13.465	105	129913	4.157 ug/l	100
81) sec-Butylbenzene	13.594	105	168636	4.495 ug/l	97
82) p-Isopropyltoluene	13.706	119	138314	4.295 ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	69907	3.788 ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	74654	4.098 ug/l	96
85) n-Butylbenzene	14.035	91	139856	4.716 ug/l	100
86) Hexachloroethane	14.312	117	27185	4.338 ug/l	89
87) 1,2-Dichlorobenzene	14.088	146	65516	3.770 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	13709	4.760 ug/l #	86
89) 1,2,4-Trichlorobenzene	15.817	180	40939	4.084 ug/l	100
90) Hexachlorobutadiene	15.476	225	16528	3.998 ug/l	95
91) Naphthalene	15.617	128	151552	4.542 ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	40939	4.084 ug/l	100

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

ICAL Form

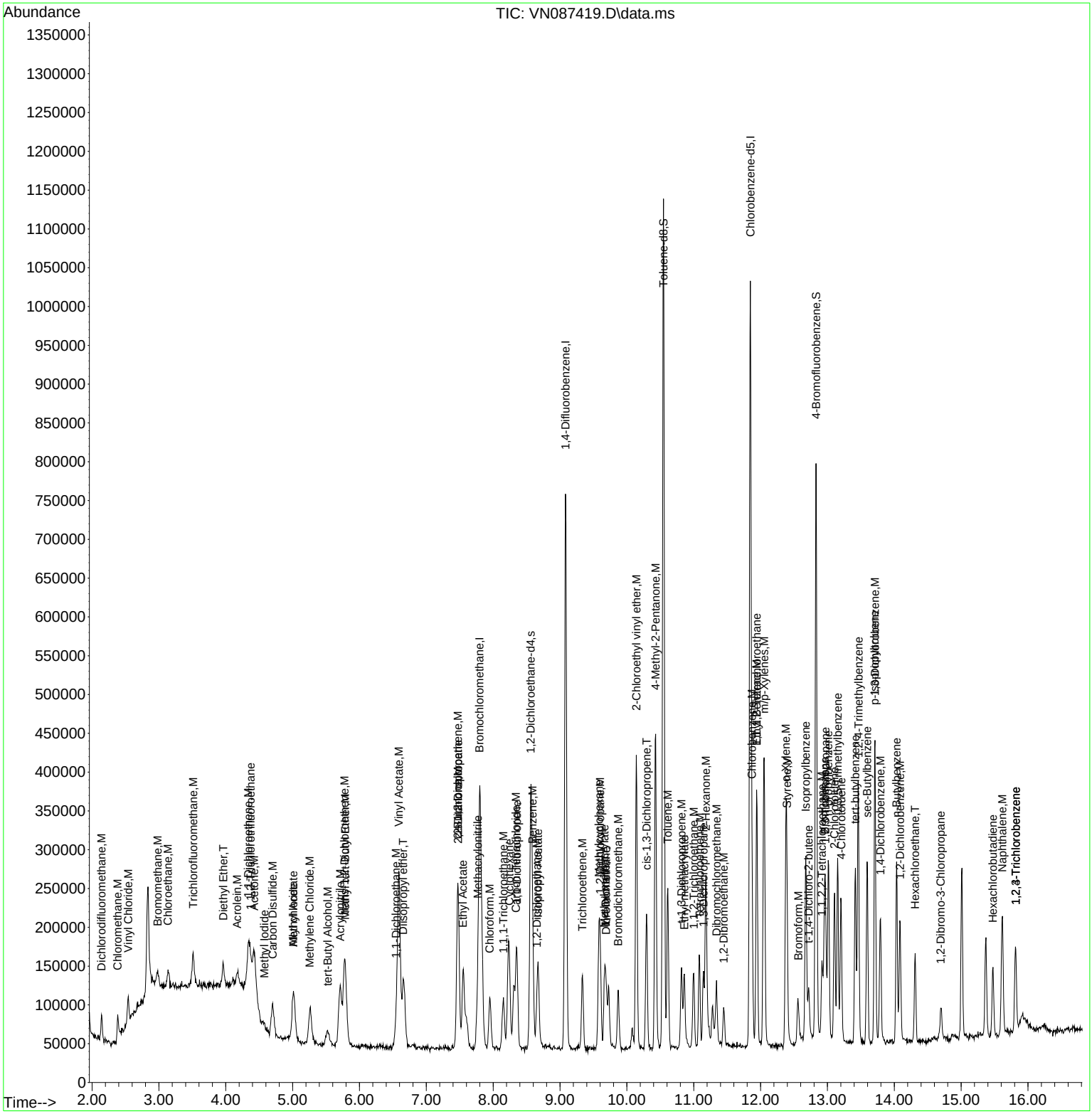
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087419.D
Acq On : 28 Jul 2025 09:06
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 11:25:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 11:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	104668	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	586753	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	490436	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	237825	27.551	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.833%				
60) 4-Bromofluorobenzene	12.829	95	241964	29.572	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.567%				
63) Toluene-d8	10.547	98	677131	30.360	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.148	85	126885	19.812	ug/l		87
3) Chloromethane	2.383	50	130749	20.554	ug/l		97
4) Vinyl Chloride	2.542	62	131642	18.777	ug/l		94
5) Bromomethane	2.983	94	62595	14.428	ug/l		88
6) Chloroethane	3.142	64	75489m	14.011	ug/l		
7) Trichlorofluoromethane	3.512	101	161939	13.582	ug/l		94
8) Diethyl Ether	3.965	74	70440	14.842	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.365	101	89459	14.158	ug/l	#	70
10) 1,1-Dichloroethene	4.336	96	91154	13.895	ug/l		91
11) Methyl Iodide	4.577	142	62220	13.002	ug/l		83
12) Methyl Acetate	5.024	43	193158	22.638	ug/l		96
13) Acrolein	4.183	56	62956	40.585	ug/l		97
14) Acrylonitrile	5.712	53	427024	109.587	ug/l		98
15) Acetone	4.430	58	103271	75.066	ug/l		80
16) Carbon Disulfide	4.706	76	313125	18.483	ug/l		100
17) Allyl chloride	5.012	41	210346	23.407	ug/l		87
18) Methylene Chloride	5.259	84	135417m	20.397	ug/l		
19) trans-1,2-Dichloroethene	5.771	96	123838	19.223	ug/l		93
20) Diisopropyl ether	6.659	45	485852	21.380	ug/l		94
21) 1,1-Dichloroethane	6.559	63	241230	19.875	ug/l		95
22) cis-1,2-Dichloroethene	7.471	96	154680	20.498	ug/l		98
23) tert-Butyl Alcohol	5.524	59	164521	123.192	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	441292	20.816	ug/l		99
25) Chloroform	7.953	83	240943	18.125	ug/l		94
26) Cyclohexane	8.241	56	218606	24.160	ug/l	#	95
29) 1,1-Dichloropropene	8.353	75	168718	16.854	ug/l		98
30) 2-Butanone	7.471	43	609764	89.439	ug/l		99
31) 2,2-Dichloropropane	7.477	77	212234	16.143	ug/l		95
32) 1,1,1-Trichloroethane	8.153	97	200721	15.320	ug/l		99
33) Carbon Tetrachloride	8.347	117	167018	14.674	ug/l		97
34) Benzene	8.588	78	552319	17.083	ug/l		96
35) Methacrylonitrile	7.765	41	137977	19.245	ug/l		91
36) 1,2-Dichloroethane	8.659	62	181866m	14.259	ug/l		
37) Trichloroethene	9.335	130	124348	16.853	ug/l		93
38) Methylcyclohexane	9.582	83	210652	19.906	ug/l		96
39) 1,2-Dichloropropane	9.606	63	135182	16.643	ug/l		94
40) Dibromomethane	9.688	93	94554	15.046	ug/l		98
41) Bromodichloromethane	9.871	83	190135	15.239	ug/l		87
42) Vinyl Acetate	6.588	43	2011260	87.087	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 11:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Ethyl Acetate	7.547	43	265642m	19.139 ug/l		
44) Isopropyl Acetate	8.677	43	394930	18.024 ug/l		100
45) 1,4-Dioxane	9.682	88	53161	393.794 ug/l	#	58
46) Methyl methacrylate	9.665	41	176163	17.459 ug/l		96
47) n-amyl Acetate	12.518	43	97455	7.422 ug/l	#	66
48) t-1,3-Dichloropropene	10.818	75	209390	15.731 ug/l		96
49) cis-1,3-Dichloropropene	10.294	75	220552	16.568 ug/l		98
50) 1,1,2-Trichloroethane	11.000	97	123760	15.249 ug/l		94
51) Ethyl methacrylate	10.859	69	223041	17.971 ug/l		98
52) 1,3-Dichloropropane	11.147	76	209626	15.022 ug/l		100
53) Dibromochloromethane	11.341	129	139794	14.696 ug/l		98
54) 1,2-Dibromoethane	11.447	107	127613	15.340 ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	501216	72.595 ug/l		98
56) Bromoform	12.559	173	98259	14.524 ug/l		100
58) 4-Methyl-2-Pentanone	10.429	43	1149475	95.850 ug/l		99
59) 2-Hexanone	11.182	43	770544	95.193 ug/l		97
61) Tetrachloroethene	11.082	164	92302	16.853 ug/l	#	89
62) Toluene	10.612	91	551064	18.450 ug/l		97
64) Chlorobenzene	11.871	112	339856	17.798 ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.941	131	119776	17.164 ug/l		95
66) Ethyl Benzene	11.941	91	616868	19.077 ug/l		95
67) m/p-Xylenes	12.053	106	460356	35.975 ug/l		98
68) o-Xylene	12.376	106	230015	18.738 ug/l		100
69) Styrene	12.394	104	388194	18.176 ug/l		100
70) Isopropylbenzene	12.676	105	583004	18.858 ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.917	83	198171	18.222 ug/l		95
72) 1,2,3-Trichloropropane	12.976	75	195964m	20.169 ug/l		
73) Bromobenzene	12.959	156	130858	16.262 ug/l		91
74) n-propylbenzene	13.012	91	718289	18.398 ug/l		99
75) 2-Chlorotoluene	13.106	91	424649	18.110 ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	483204	17.969 ug/l		100
77) t-1,4-Dichloro-2-butene	12.717	75	73038	18.810 ug/l		94
78) 4-Chlorotoluene	13.200	91	440861	17.629 ug/l		97
79) tert-butylbenzene	13.417	119	418588	18.329 ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	485562	17.688 ug/l		96
81) sec-Butylbenzene	13.594	105	623158	18.907 ug/l		99
82) p-Isopropyltoluene	13.706	119	515943	18.239 ug/l		96
83) 1,3-Dichlorobenzene	13.712	146	259135	15.983 ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	271082	16.939 ug/l		98
85) n-Butylbenzene	14.035	91	502453	19.286 ug/l		98
86) Hexachloroethane	14.312	117	102213	18.568 ug/l		96
87) 1,2-Dichlorobenzene	14.082	146	247872	16.238 ug/l		96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	44493	17.584 ug/l		96
89) 1,2,4-Trichlorobenzene	15.811	180	149474	16.974 ug/l		98
90) Hexachlorobutadiene	15.476	225	56252	15.487 ug/l		99
91) Naphthalene	15.611	128	562350	19.187 ug/l		100
92) 1,2,3-Trichlorobenzene	15.811	180	149474	16.974 ug/l		98

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

ICAL Form

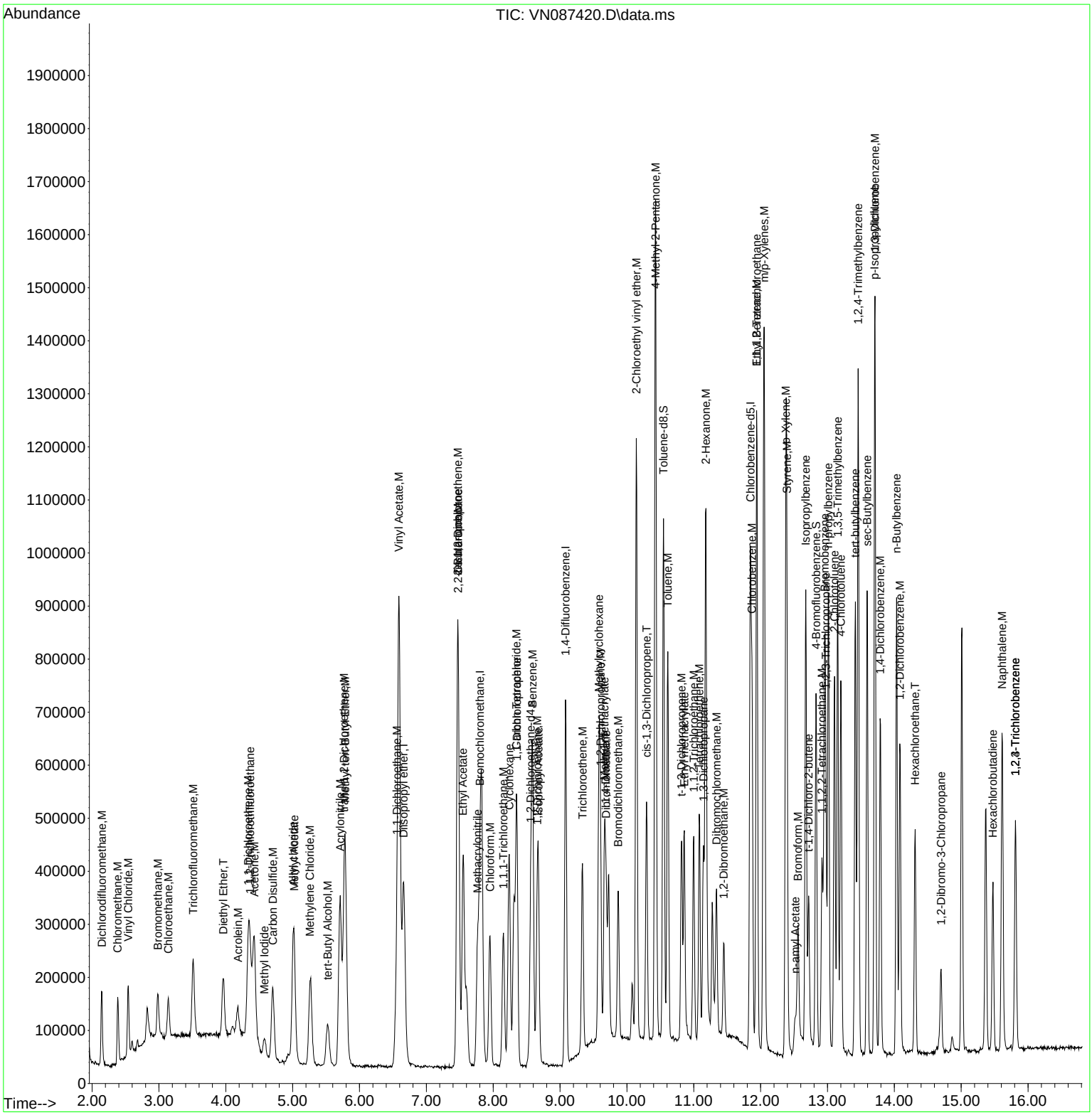
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 11:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087421.D
Acq On : 28 Jul 2025 10:27
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 11:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	104056	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	582372	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	518227	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	234251	27.296	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.000%				
60) 4-Bromofluorobenzene	12.829	95	251797	29.123	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.067%				
63) Toluene-d8	10.547	98	713184	30.261	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.867%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	245888	38.620	ug/l		92
3) Chloromethane	2.383	50	259384	41.016	ug/l		97
4) Vinyl Chloride	2.542	62	262437	37.653	ug/l		95
5) Bromomethane	2.983	94	130747	30.315	ug/l		92
6) Chloroethane	3.136	64	150376m	28.073	ug/l		
7) Trichlorofluoromethane	3.512	101	340827	28.754	ug/l		94
8) Diethyl Ether	3.965	74	137366	29.113	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.371	101	181873	28.953	ug/l	#	72
10) 1,1-Dichloroethene	4.336	96	184843	28.343	ug/l		92
11) Methyl Iodide	4.583	142	169435	35.615	ug/l		83
12) Methyl Acetate	5.018	43	397450	46.854	ug/l		100
13) Acrolein	4.177	56	136233	88.340	ug/l		95
14) Acrylonitrile	5.706	53	845001	218.128	ug/l		97
15) Acetone	4.424	58	188498	137.822	ug/l		98
16) Carbon Disulfide	4.700	76	649186	38.545	ug/l		98
17) Allyl chloride	5.012	41	422244	47.263	ug/l		86
18) Methylene Chloride	5.265	84	271116	41.076	ug/l	#	86
19) trans-1,2-Dichloroethene	5.777	96	249424	38.945	ug/l		90
20) Diisopropyl ether	6.659	45	978423	43.310	ug/l		96
21) 1,1-Dichloroethane	6.553	63	490965	40.689	ug/l		94
22) cis-1,2-Dichloroethene	7.471	96	314681	41.947	ug/l		98
23) tert-Butyl Alcohol	5.524	59	329582	248.240	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	913143	43.327	ug/l		99
25) Chloroform	7.953	83	500601	37.880	ug/l		97
26) Cyclohexane	8.241	56	449110	49.926	ug/l	#	93
29) 1,1-Dichloropropene	8.353	75	339352	34.154	ug/l		97
30) 2-Butanone	7.471	43	1232374	182.123	ug/l		99
31) 2,2-Dichloropropane	7.471	77	420772	32.246	ug/l		95
32) 1,1,1-Trichloroethane	8.153	97	412028	31.684	ug/l		99
33) Carbon Tetrachloride	8.347	117	343165	30.376	ug/l		95
34) Benzene	8.588	78	1114078	34.717	ug/l		95
35) Methacrylonitrile	7.765	41	277074	38.938	ug/l		94
36) 1,2-Dichloroethane	8.653	62	364910	28.825	ug/l		97
37) Trichloroethene	9.335	130	254332	34.729	ug/l		99
38) Methylcyclohexane	9.583	83	442244	42.104	ug/l		96
39) 1,2-Dichloropropane	9.606	63	286553	35.545	ug/l		96
40) Dibromomethane	9.694	93	199678	32.014	ug/l		99
41) Bromodichloromethane	9.871	83	406835	32.851	ug/l		92
42) Vinyl Acetate	6.594	43	4078744	177.937	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087421.D
Acq On : 28 Jul 2025 10:27
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 11:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	529612m	38.446	ug/l		
44) Isopropyl Acetate	8.677	43	818584	37.640	ug/l		99
45) 1,4-Dioxane	9.683	88	99119	739.755	ug/l	#	54
46) Methyl methacrylate	9.665	41	387675	38.710	ug/l		96
47) n-amyl Acetate	12.500	43	391335	30.027	ug/l	#	69
48) t-1,3-Dichloropropene	10.818	75	459614	34.790	ug/l		97
49) cis-1,3-Dichloropropene	10.294	75	487320	36.883	ug/l		93
50) 1,1,2-Trichloroethane	10.994	97	268781	33.367	ug/l		95
51) Ethyl methacrylate	10.859	69	493799	40.086	ug/l		97
52) 1,3-Dichloropropane	11.147	76	475675	34.345	ug/l		98
53) Dibromochloromethane	11.341	129	312618	33.112	ug/l		99
54) 1,2-Dibromoethane	11.447	107	284615	34.470	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	1001321	146.121	ug/l		98
56) Bromoform	12.559	173	218091	32.479	ug/l		100
58) 4-Methyl-2-Pentanone	10.430	43	2465965	194.599	ug/l		99
59) 2-Hexanone	11.177	43	1735360	202.889	ug/l		97
61) Tetrachloroethene	11.082	164	205829	35.567	ug/l		93
62) Toluene	10.612	91	1225674	38.836	ug/l		97
64) Chlorobenzene	11.871	112	746442	36.994	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.941	131	256968	34.849	ug/l		97
66) Ethyl Benzene	11.941	91	1348264	39.459	ug/l		97
67) m/p-Xylenes	12.053	106	1020622	75.480	ug/l		99
68) o-Xylene	12.376	106	492694	37.985	ug/l		96
69) Styrene	12.394	104	846783	37.523	ug/l		99
70) Isopropylbenzene	12.676	105	1256635	38.467	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.918	83	422439	36.760	ug/l		95
72) 1,2,3-Trichloropropane	12.976	75	393969m	38.374	ug/l		
73) Bromobenzene	12.959	156	295472	34.750	ug/l		93
74) n-propylbenzene	13.012	91	1570377	38.067	ug/l		99
75) 2-Chlorotoluene	13.106	91	924823	37.326	ug/l		98
76) 1,3,5-Trimethylbenzene	13.153	105	1053588	37.079	ug/l		99
77) t-1,4-Dichloro-2-butene	12.718	75	166291	40.530	ug/l		92
78) 4-Chlorotoluene	13.200	91	948477	35.893	ug/l		98
79) tert-butylbenzene	13.418	119	917803	38.032	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	1052781	36.294	ug/l		95
81) sec-Butylbenzene	13.594	105	1360199	39.056	ug/l		99
82) p-Isopropyltoluene	13.706	119	1108608	37.088	ug/l		97
83) 1,3-Dichlorobenzene	13.712	146	570197	33.283	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	579128	34.247	ug/l		98
85) n-Butylbenzene	14.035	91	1108525	40.267	ug/l		97
86) Hexachloroethane	14.312	117	222124	38.187	ug/l		95
87) 1,2-Dichlorobenzene	14.082	146	554554	34.380	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	93256	34.878	ug/l		98
89) 1,2,4-Trichlorobenzene	15.812	180	323791	34.797	ug/l		97
90) Hexachlorobutadiene	15.476	225	124521	32.444	ug/l		99
91) Naphthalene	15.617	128	1229606	39.703	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	323791	34.797	ug/l		97

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

ICAL Form

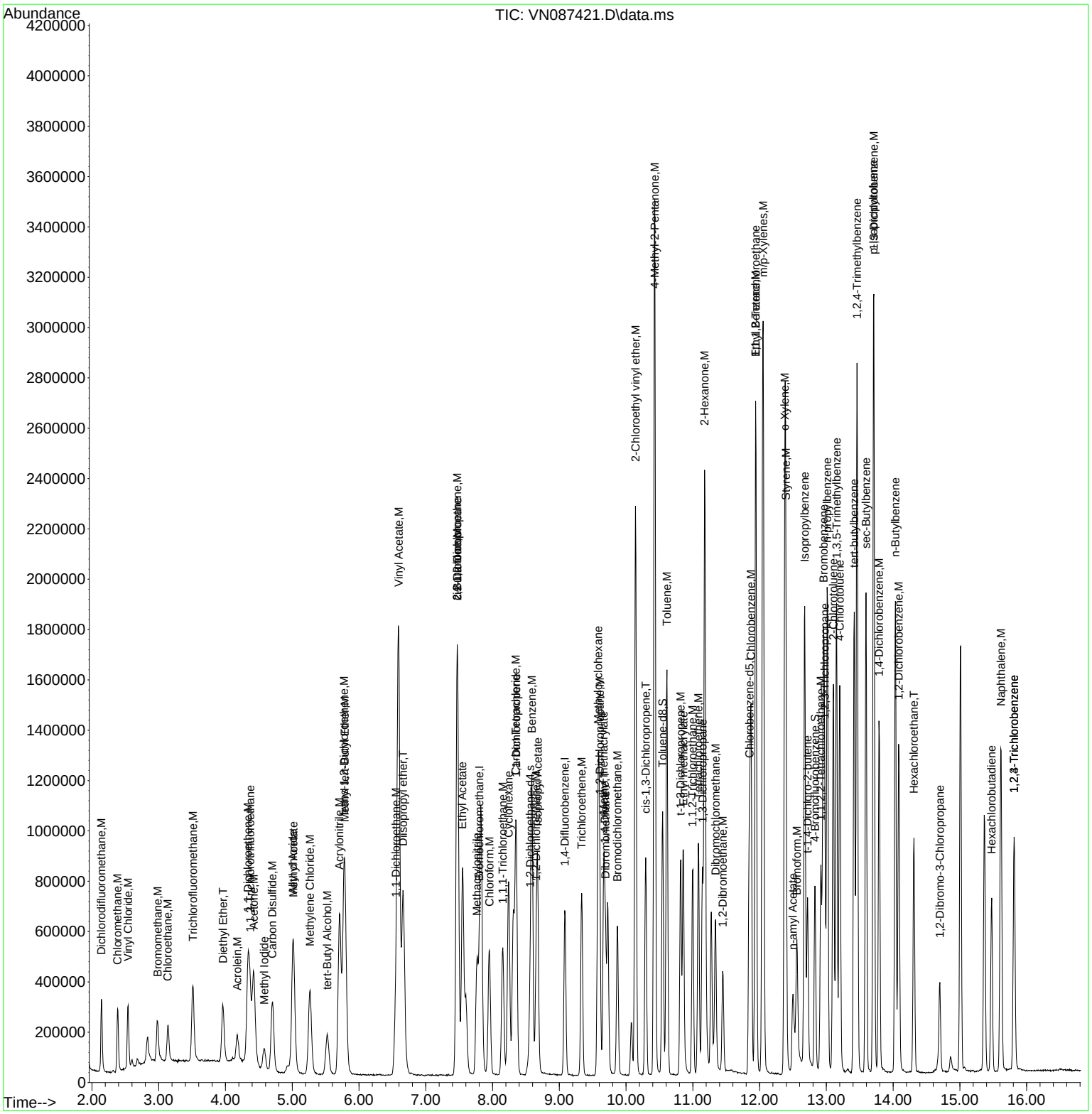
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087421.D
Acq On : 28 Jul 2025 10:27
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 28 11:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087422.D
Acq On : 28 Jul 2025 10:48
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 11:31:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	93523	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	531248	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	475412	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	218785	28.365	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 94.567%				
60) 4-Bromofluorobenzene	12.829	95	240070	30.268	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.900%				
63) Toluene-d8	10.547	98	662288	30.633	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	603788	105.512	ug/l		90
3) Chloromethane	2.383	50	615430	108.276	ug/l		96
4) Vinyl Chloride	2.542	62	625642	99.874	ug/l		93
5) Bromomethane	2.965	94	304379	78.521	ug/l		87
6) Chloroethane	3.130	64	349927	72.685	ug/l		90
7) Trichlorofluoromethane	3.506	101	793694	74.501	ug/l		97
8) Diethyl Ether	3.965	74	323135	76.198	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.359	101	425711	75.403	ug/l	#	72
10) 1,1-Dichloroethene	4.330	96	433995	74.042	ug/l		94
11) Methyl Iodide	4.577	142	486244	113.720	ug/l		86
12) Methyl Acetate	5.018	43	954898	125.248	ug/l		97
13) Acrolein	4.171	56	350819	253.109	ug/l		99
14) Acrylonitrile	5.706	53	2077657	596.728	ug/l		98
15) Acetone	4.424	58	433944	353.016	ug/l		98
16) Carbon Disulfide	4.700	76	1496049	98.830	ug/l		98
17) Allyl chloride	5.006	41	1020490	127.090	ug/l		88
18) Methylene Chloride	5.265	84	626560	105.620	ug/l	#	81
19) trans-1,2-Dichloroethene	5.771	96	587767	102.109	ug/l		88
20) Diisopropyl ether	6.659	45	2319645	114.243	ug/l		95
21) 1,1-Dichloroethane	6.553	63	1148735	105.923	ug/l		94
22) cis-1,2-Dichloroethene	7.471	96	728725	108.078	ug/l		99
23) tert-Butyl Alcohol	5.530	59	794923	666.166	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	2163043	114.193	ug/l		99
25) Chloroform	7.953	83	1163610	97.966	ug/l		96
26) Cyclohexane	8.241	56	1049726	129.837	ug/l	#	94
29) 1,1-Dichloropropene	8.353	75	796788	87.909	ug/l		98
30) 2-Butanone	7.471	43	2959770	479.493	ug/l		99
31) 2,2-Dichloropropane	7.477	77	990895	83.246	ug/l		97
32) 1,1,1-Trichloroethane	8.153	97	964437	81.301	ug/l		99
33) Carbon Tetrachloride	8.347	117	794576	77.103	ug/l		94
34) Benzene	8.588	78	2625671	89.696	ug/l		97
35) Methacrylonitrile	7.765	41	680118	104.776	ug/l		91
36) 1,2-Dichloroethane	8.653	62	890375	77.100	ug/l		98
37) Trichloroethene	9.335	130	596307	89.261	ug/l		99
38) Methylcyclohexane	9.583	83	1019664	106.420	ug/l		96
39) 1,2-Dichloropropane	9.606	63	671411	91.298	ug/l		97
40) Dibromomethane	9.688	93	470115	82.625	ug/l		99
41) Bromodichloromethane	9.871	83	959081	84.898	ug/l		92
42) Vinyl Acetate	6.589	43	10436640	499.120	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087422.D
Acq On : 28 Jul 2025 10:48
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 28 11:31:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	1162237	92.488	ug/l	#	78
44) Isopropyl Acetate	8.677	43	1953669	98.479	ug/l		98
45) 1,4-Dioxane	9.683	88	241801	1978.299	ug/l	#	54
46) Methyl methacrylate	9.665	41	923751	101.115	ug/l		96
47) n-amyl Acetate	12.488	43	1199467	100.892	ug/l	#	60
48) t-1,3-Dichloropropene	10.818	75	1105256	91.712	ug/l		96
49) cis-1,3-Dichloropropene	10.294	75	1134330	94.115	ug/l		98
50) 1,1,2-Trichloroethane	10.994	97	643183	87.530	ug/l		95
51) Ethyl methacrylate	10.859	69	1207107	107.422	ug/l		98
52) 1,3-Dichloropropane	11.141	76	1110692	87.911	ug/l		98
53) Dibromochloromethane	11.341	129	745469	86.558	ug/l		100
54) 1,2-Dibromoethane	11.447	107	681098	90.427	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	1866727	298.623	ug/l		98
56) Bromoform	12.559	173	526675	85.982	ug/l		99
58) 4-Methyl-2-Pentanone	10.430	43	5769696	496.315	ug/l		99
59) 2-Hexanone	11.177	43	4208772	536.382	ug/l		97
61) Tetrachloroethene	11.082	164	480939	90.589	ug/l		91
62) Toluene	10.612	91	2874076	99.267	ug/l		97
64) Chlorobenzene	11.871	112	1767524	95.487	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.941	131	598213	88.434	ug/l		97
66) Ethyl Benzene	11.941	91	3135838	100.041	ug/l		97
67) m/p-Xylenes	12.047	106	2333824	188.141	ug/l		97
68) o-Xylene	12.376	106	1157058	97.239	ug/l		96
69) Styrene	12.388	104	1996219	96.422	ug/l		99
70) Isopropylbenzene	12.676	105	2987822	99.698	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.918	83	1016975	96.465	ug/l		97
72) 1,2,3-Trichloropropane	12.971	75	948444m	100.703	ug/l		
73) Bromobenzene	12.959	156	693347	88.886	ug/l		92
74) n-propylbenzene	13.012	91	3660066	96.712	ug/l		99
75) 2-Chlorotoluene	13.106	91	2172105	95.561	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	2455832	94.211	ug/l		99
77) t-1,4-Dichloro-2-butene	12.718	75	426691	113.362	ug/l		90
78) 4-Chlorotoluene	13.200	91	2224958	91.781	ug/l		97
79) tert-butylbenzene	13.418	119	2120750	95.795	ug/l		98
80) 1,2,4-Trimethylbenzene	13.459	105	2422023	91.018	ug/l		96
81) sec-Butylbenzene	13.594	105	3123183	97.752	ug/l		99
82) p-Isopropyltoluene	13.706	119	2517193	91.795	ug/l		97
83) 1,3-Dichlorobenzene	13.712	146	1288719	81.997	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	1337394	86.211	ug/l		99
85) n-Butylbenzene	14.035	91	2548236	100.899	ug/l		97
86) Hexachloroethane	14.312	117	517454	96.970	ug/l		95
87) 1,2-Dichlorobenzene	14.082	146	1276183	86.242	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	227882	92.905	ug/l		97
89) 1,2,4-Trichlorobenzene	15.812	180	774171	90.691	ug/l		98
90) Hexachlorobutadiene	15.476	225	293149	83.260	ug/l		99
91) Naphthalene	15.612	128	2960118	104.186	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	774171	90.691	ug/l		98

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

ICAL Form

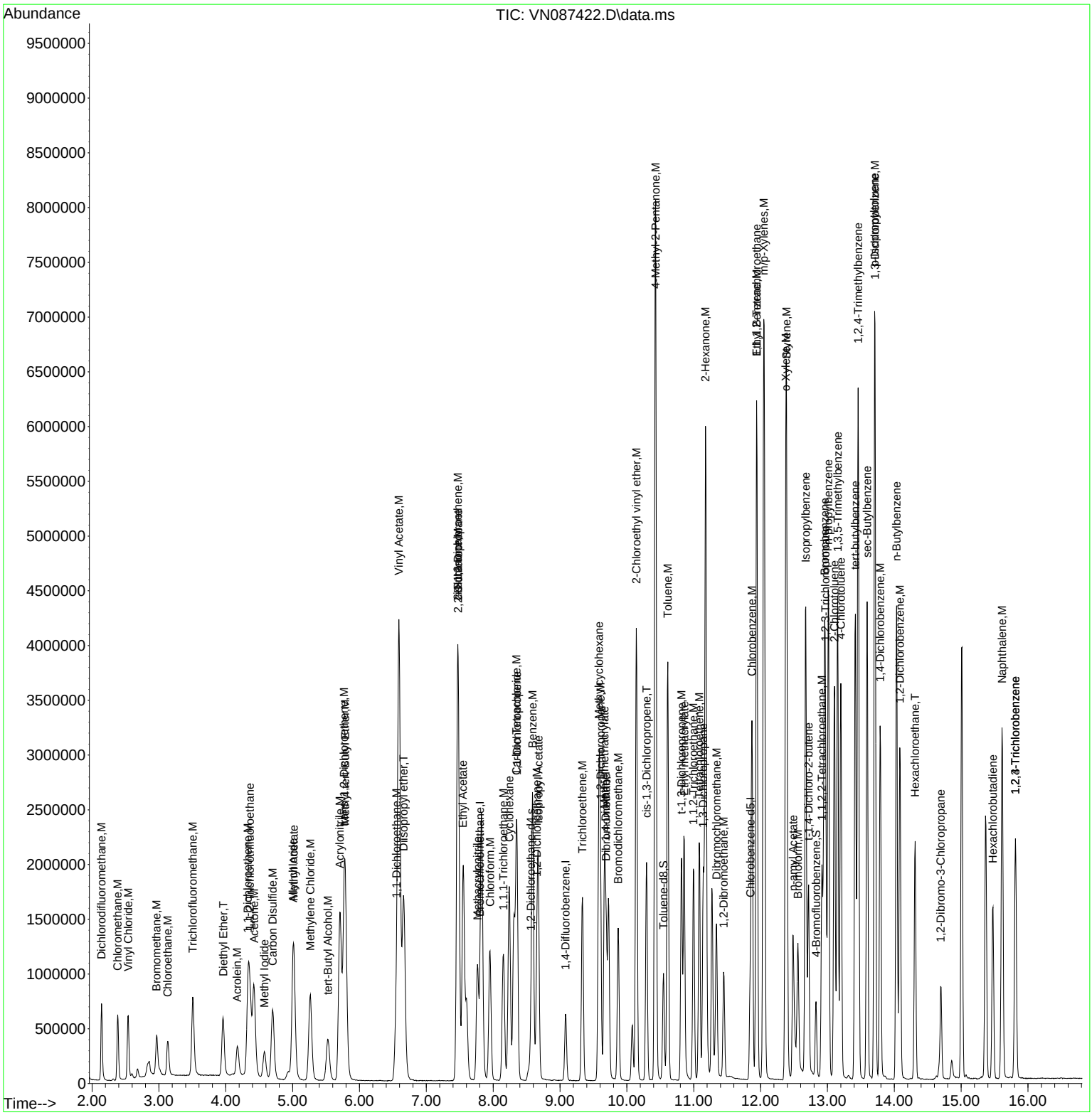
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087422.D
Acq On : 28 Jul 2025 10:48
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 28 11:31:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087423.D
Acq On : 28 Jul 2025 11:09
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 11:32:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.806	128	85090	30.000	ug/l		0.01
28) 1,4-Difluorobenzene	9.082	114	484226	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	438458	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	200988	28.641	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.467%				
60) 4-Bromofluorobenzene	12.829	95	217172	29.689	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.967%				
63) Toluene-d8	10.547	98	600918	30.137	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.467%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	887278	170.419	ug/l		90
3) Chloromethane	2.383	50	917274	177.375	ug/l		94
4) Vinyl Chloride	2.536	62	903850	158.586	ug/l		96
5) Bromomethane	2.953	94	451616	128.050	ug/l		89
6) Chloroethane	3.124	64	502218	114.657	ug/l		87
7) Trichlorofluoromethane	3.500	101	1152387	118.891	ug/l		95
8) Diethyl Ether	3.959	74	468638	121.460	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.365	101	616302	119.979	ug/l	#	71
10) 1,1-Dichloroethene	4.330	96	635138	119.097	ug/l		88
11) Methyl Iodide	4.577	142	737654	189.617	ug/l		88
12) Methyl Acetate	5.018	43	1395036	201.113	ug/l		96
13) Acrolein	4.171	56	645858	512.154	ug/l		97
14) Acrylonitrile	5.712	53	2965994	936.295	ug/l		98
15) Acetone	4.418	58	628469	561.933	ug/l		98
16) Carbon Disulfide	4.700	76	2163606	157.095	ug/l		97
17) Allyl chloride	5.012	41	1477974	202.307	ug/l		89
18) Methylene Chloride	5.259	84	901829	167.088	ug/l		86
19) trans-1,2-Dichloroethene	5.771	96	853536	162.974	ug/l		91
20) Diisopropyl ether	6.659	45	3355459	181.635	ug/l		96
21) 1,1-Dichloroethane	6.553	63	1659372	168.172	ug/l		94
22) cis-1,2-Dichloroethene	7.471	96	1039103	169.384	ug/l		98
23) tert-Butyl Alcohol	5.530	59	1115332	1027.310	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	3133581	181.825	ug/l		99
25) Chloroform	7.953	83	1693639	156.721	ug/l		93
26) Cyclohexane	8.241	56	1515664	206.046	ug/l	#	94
29) 1,1-Dichloropropene	8.353	75	1164864	140.999	ug/l		99
30) 2-Butanone	7.471	43	4192675	745.186	ug/l		99
31) 2,2-Dichloropropane	7.471	77	1417502	130.649	ug/l		97
32) 1,1,1-Trichloroethane	8.153	97	1407597	130.182	ug/l		99
33) Carbon Tetrachloride	8.347	117	1159544	123.445	ug/l		95
34) Benzene	8.588	78	3797675	142.331	ug/l		97
35) Methacrylonitrile	7.765	41	975762	164.918	ug/l		92
36) 1,2-Dichloroethane	8.653	62	1287860	122.349	ug/l		97
37) Trichloroethene	9.335	130	850471	139.670	ug/l		99
38) Methylcyclohexane	9.582	83	1459767	167.148	ug/l		97
39) 1,2-Dichloropropane	9.606	63	951754	141.986	ug/l		97
40) Dibromomethane	9.694	93	673138	129.796	ug/l		98
41) Bromodichloromethane	9.871	83	1385561	134.560	ug/l		91
42) Vinyl Acetate	6.594	43	13563324	711.638	ug/l		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087423.D
Acq On : 28 Jul 2025 11:09
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 28 11:32:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	1725978m	150.687 ug/l	
44) Isopropyl Acetate	8.677	43	2805264	155.138 ug/l	99
45) 1,4-Dioxane	9.682	88	338417	3037.633 ug/l #	53
46) Methyl methacrylate	9.665	41	1339708	160.887 ug/l	96
47) n-amyl Acetate	12.482	43	1803266	166.410 ug/l #	60
48) t-1,3-Dichloropropene	10.818	75	1593280	145.045 ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	1644925	149.732 ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	921075	137.520 ug/l	95
51) Ethyl methacrylate	10.859	69	1723847	168.305 ug/l	98
52) 1,3-Dichloropropane	11.141	76	1602154	139.125 ug/l	97
53) Dibromochloromethane	11.341	129	1069124	136.192 ug/l	100
54) 1,2-Dibromoethane	11.453	107	979971	142.742 ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	2987223	524.274 ug/l	97
56) Bromoform	12.559	173	756099	135.423 ug/l	99
58) 4-Methyl-2-Pentanone	10.429	43	8049077	750.746 ug/l	99
59) 2-Hexanone	11.176	43	5903547	815.782 ug/l	98
61) Tetrachloroethene	11.082	164	690374	140.998 ug/l	91
62) Toluene	10.612	91	4106334	153.781 ug/l	97
64) Chlorobenzene	11.870	112	2523340	147.808 ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	847400	135.830 ug/l	97
66) Ethyl Benzene	11.941	91	4462413	154.361 ug/l	96
67) m/p-Xylenes	12.053	106	3275723	286.328 ug/l	97
68) o-Xylene	12.376	106	1614502	147.118 ug/l	96
69) Styrene	12.388	104	2806625	146.993 ug/l	98
70) Isopropylbenzene	12.676	105	4192456	151.685 ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	1427927	146.862 ug/l	96
72) 1,2,3-Trichloropropane	12.970	75	1301897m	149.882 ug/l	
73) Bromobenzene	12.959	156	965351	134.187 ug/l	90
74) n-propylbenzene	13.017	91	5155110	147.698 ug/l	99
75) 2-Chlorotoluene	13.106	91	3073937	146.634 ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	3462485	144.023 ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	607084	174.881 ug/l	86
78) 4-Chlorotoluene	13.200	91	3133622	140.158 ug/l	98
79) tert-butylbenzene	13.417	119	2945071	144.242 ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	3355857	136.739 ug/l	96
81) sec-Butylbenzene	13.594	105	4372437	148.387 ug/l	99
82) p-Isopropyltoluene	13.706	119	3459843	136.804 ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	1780579	122.841 ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	1882449	131.573 ug/l	98
85) n-Butylbenzene	14.035	91	3588595	154.069 ug/l	97
86) Hexachloroethane	14.311	117	740407	150.446 ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	1782463	130.608 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	329431	145.625 ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	1118050	142.014 ug/l	98
90) Hexachlorobutadiene	15.476	225	406978	125.331 ug/l	97
91) Naphthalene	15.611	128	4255804	162.415 ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	1118050	142.014 ug/l	98

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

ICAL Form

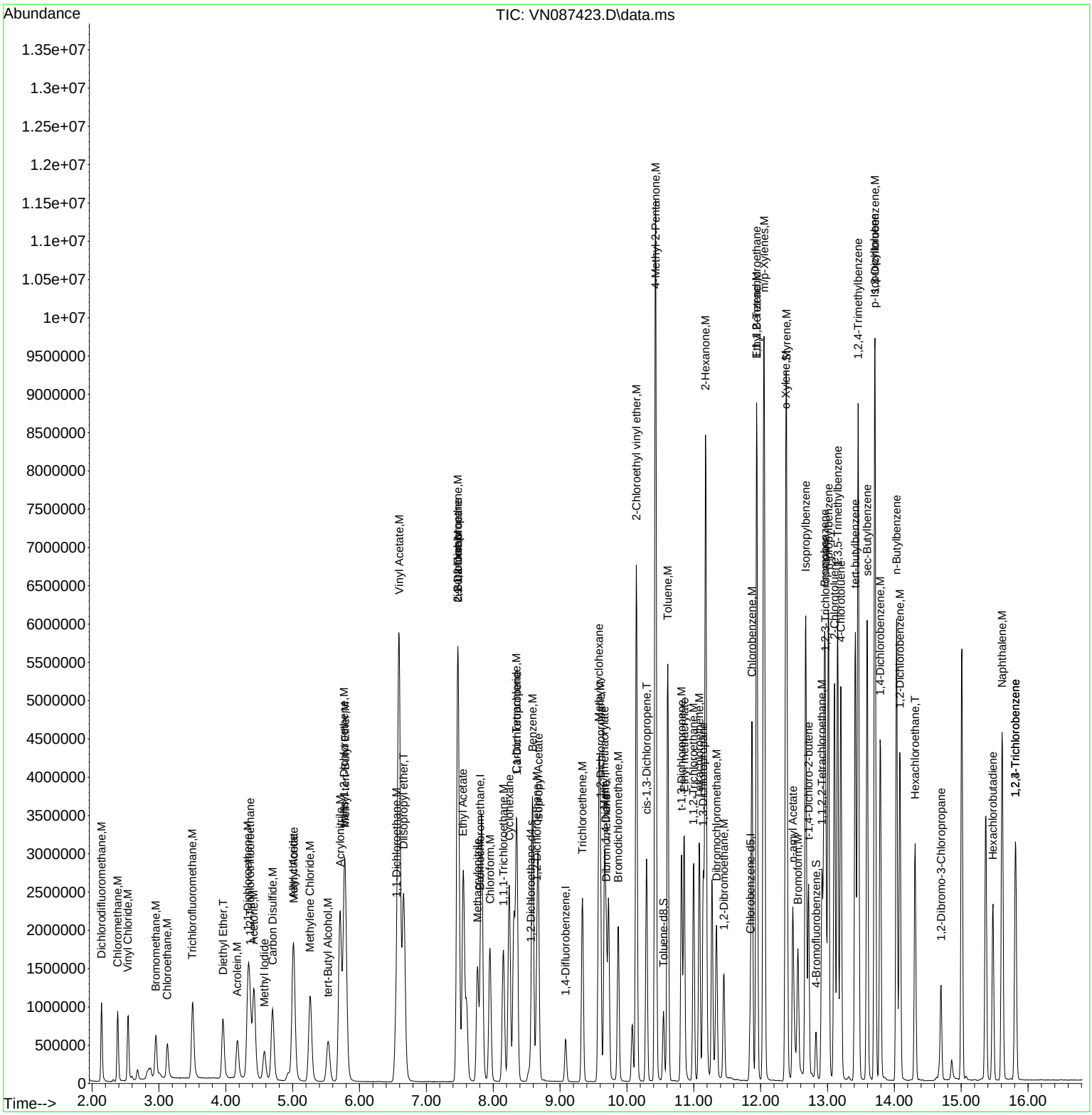
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087423.D
Acq On : 28 Jul 2025 11:09
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 28 11:32:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087425.D
Acq On : 28 Jul 2025 11:54
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 13:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

Manual Integrations APPROVED

Reviewed By :John Carlone
07/28/2025
Supervised By :Mahesh Dadoda
07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	84091	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	479566	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	422479	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	192219	29.892	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.633%			
60) 4-Bromofluorobenzene	12.829	95	205393	29.605	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.700%			
63) Toluene-d8	10.547	98	588887	30.352	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	104188	21.236	ug/l	97
3) Chloromethane	2.389	50	111922	21.489	ug/l	99
4) Vinyl Chloride	2.542	62	108475	20.586	ug/l	98
5) Bromomethane	2.983	94	51310	19.968	ug/l	92
6) Chloroethane	3.142	64	62290	20.958	ug/l	90
7) Trichlorofluoromethane	3.512	101	137165	20.690	ug/l	100
8) Diethyl Ether	3.965	74	58609	21.182	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	72143	19.948	ug/l	97
10) 1,1-Dichloroethene	4.336	96	76219	21.187	ug/l	95
11) Methyl Iodide	4.577	142	57213m	17.564	ug/l	
12) Methyl Acetate	5.018	43	162437	20.709	ug/l #	88
13) Acrolein	4.177	56	75010	117.257	ug/l	97
14) Acrylonitrile	5.712	53	345069	101.453	ug/l	99
15) Acetone	4.418	58	76175	96.630	ug/l	81
16) Carbon Disulfide	4.700	76	264903	20.720	ug/l	95
17) Allyl chloride	5.018	41	169606	20.234	ug/l	99
18) Methylene Chloride	5.259	84	107545	19.857	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	99817	19.531	ug/l	98
20) Diisopropyl ether	6.659	45	391071	20.506	ug/l	95
21) 1,1-Dichloroethane	6.553	63	197638	20.447	ug/l	99
22) cis-1,2-Dichloroethene	7.477	96	125168	20.151	ug/l	99
23) tert-Butyl Alcohol	5.530	59	135715	102.944	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	364737	20.435	ug/l	98
25) Chloroform	7.953	83	194885	19.971	ug/l	98
26) Cyclohexane	8.241	56	175170	19.622	ug/l #	98
29) 1,1-Dichloropropene	8.359	75	139428	20.480	ug/l	98
30) 2-Butanone	7.471	43	499815	101.332	ug/l	99
31) 2,2-Dichloropropane	7.477	77	160394	18.908	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	163557	19.987	ug/l	99
33) Carbon Tetrachloride	8.347	117	137918	20.440	ug/l	97
34) Benzene	8.588	78	444298	19.953	ug/l	99
35) Methacrylonitrile	7.765	41	108783	19.253	ug/l	96
36) 1,2-Dichloroethane	8.659	62	148407	20.027	ug/l #	95
37) Trichloroethene	9.335	130	101986	20.065	ug/l	91
38) Methylcyclohexane	9.582	83	172306	19.624	ug/l	99
39) 1,2-Dichloropropane	9.606	63	114391	20.406	ug/l	97
40) Dibromomethane	9.694	93	79564	20.008	ug/l	99
41) Bromodichloromethane	9.871	83	159528	19.932	ug/l	100
42) Vinyl Acetate	6.594	43	1647099	99.228	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087425.D
Acq On : 28 Jul 2025 11:54
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 13:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

Manual Integrations APPROVED

Reviewed By :John Carlone
07/28/2025
Supervised By :Mahesh Dadoda
07/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.553	43	198786	19.659	ug/l	#	73
44) Isopropyl Acetate	8.677	43	328347	20.327	ug/l		99
45) 1,4-Dioxane	9.682	88	42264	412.361	ug/l	#	92
46) Methyl methacrylate	9.665	41	146072	19.421	ug/l		97
47) n-amyl Acetate	12.535	43	134040m	20.127	ug/l		
48) t-1,3-Dichloropropene	10.818	75	179080	19.876	ug/l		100
49) cis-1,3-Dichloropropene	10.294	75	187017	19.764	ug/l		99
50) 1,1,2-Trichloroethane	11.000	97	103763	19.602	ug/l		97
51) Ethyl methacrylate	10.859	69	188347	19.648	ug/l		99
52) 1,3-Dichloropropane	11.141	76	186991	20.440	ug/l		97
53) Dibromochloromethane	11.341	129	122186	20.124	ug/l		98
54) 1,2-Dibromoethane	11.447	107	113325	20.347	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	532083	134.997	ug/l		100
56) Bromoform	12.559	173	79829	18.736	ug/l		100
58) 4-Methyl-2-Pentanone	10.429	43	1001381	105.229	ug/l		100
59) 2-Hexanone	11.182	43	661366	100.286	ug/l		100
61) Tetrachloroethene	11.082	164	80787	20.141	ug/l		96
62) Toluene	10.612	91	484125	20.305	ug/l		99
64) Chlorobenzene	11.871	112	294136	20.060	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.941	131	98384	19.787	ug/l		97
66) Ethyl Benzene	11.947	91	528930	20.304	ug/l		97
67) m/p-Xylenes	12.053	106	397076	40.681	ug/l		99
68) o-Xylene	12.376	106	194519	20.365	ug/l		98
69) Styrene	12.394	104	325533	19.925	ug/l		98
70) Isopropylbenzene	12.676	105	493913	20.135	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.918	83	171651	20.522	ug/l		97
72) 1,2,3-Trichloropropane	12.976	75	142149m	18.683	ug/l		
73) Bromobenzene	12.959	156	114772	20.138	ug/l		98
74) n-propylbenzene	13.018	91	608183	20.081	ug/l		100
75) 2-Chlorotoluene	13.106	91	363593	20.229	ug/l		100
76) 1,3,5-Trimethylbenzene	13.153	105	412100	20.279	ug/l		99
77) t-1,4-Dichloro-2-butene	12.723	75	57594	17.839	ug/l		99
78) 4-Chlorotoluene	13.200	91	371100	20.106	ug/l		98
79) tert-butylbenzene	13.418	119	353799	20.153	ug/l		98
80) 1,2,4-Trimethylbenzene	13.465	105	407528	20.210	ug/l		98
81) sec-Butylbenzene	13.594	105	530069	20.327	ug/l		100
82) p-Isopropyltoluene	13.706	119	434188	20.514	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	218956	20.300	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	226886	20.116	ug/l		99
85) n-Butylbenzene	14.035	91	433599	20.341	ug/l		99
86) Hexachloroethane	14.312	117	87580	20.374	ug/l		96
87) 1,2-Dichlorobenzene	14.088	146	211678	20.189	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	36571	18.943	ug/l		97
89) 1,2,4-Trichlorobenzene	15.811	180	128222	20.050	ug/l		99
90) Hexachlorobutadiene	15.476	225	48127	19.766	ug/l		98
91) Naphthalene	15.617	128	493682	20.425	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	128222	20.050	ug/l		99

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087425.D
Acq On : 28 Jul 2025 11:54
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 13:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

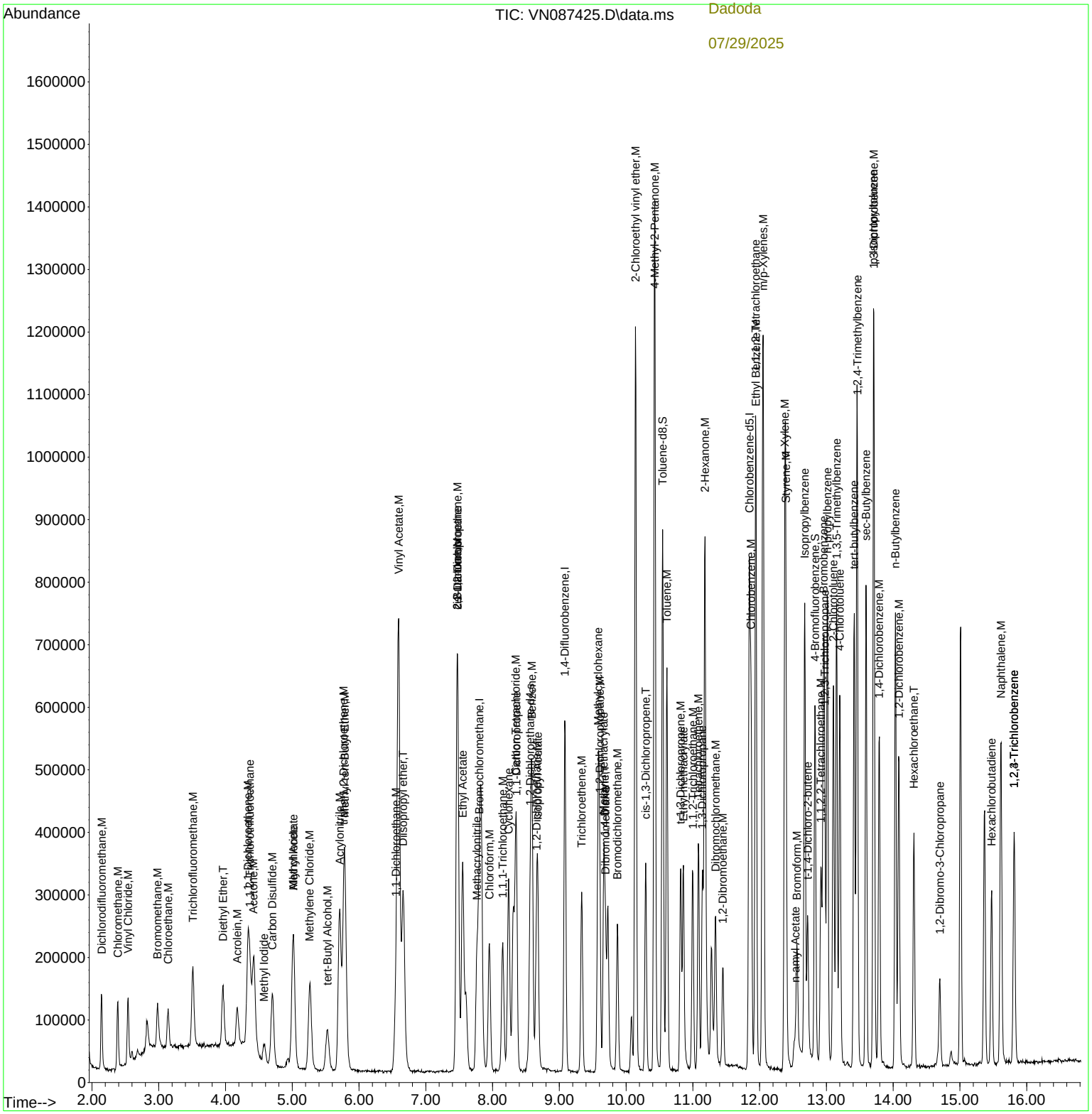
Manual Integrations APPROVED

Reviewed By :John Carlone

07/28/2025

Supervised By :Mahesh Dadoda

07/29/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087425.D
Acq On : 28 Jul 2025 11:54
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

Quant Time: Jul 28 13:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 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	80	0.00
2	M	Dichlorodifluoromethane	1.750	1.858	-6.2	82	0.00
3	M	Chloromethane	1.858	1.996	-7.4	86	0.00
4	M	Vinyl Chloride	1.880	1.935	-2.9	82	0.00
5	M	Bromomethane	0.917	0.915	0.2	82	0.00
6	M	Chloroethane	1.060	1.111	-4.8	83	0.00
7	M	Trichlorofluoromethane	2.365	2.447	-3.5	85	0.00
8	T	Diethyl Ether	0.987	1.045	-5.9	83	0.00
9		1,1,2-Trichlorotrifluoroeth	1.290	1.287	0.2	81	0.00
10	M	1,1-Dichloroethene	1.283	1.360	-6.0	84	0.00
11		Methyl Iodide	1.162	1.021	12.1	92	0.00
12		Methyl Acetate	2.798	2.898	-3.6	84	0.00
13	M	Acrolein	0.228	0.268	-17.5	119	0.00
14	M	Acrylonitrile	1.213	1.231	-1.5	81	0.00
15	M	Acetone	0.281	0.272	3.2	74	-0.01
16	M	Carbon Disulfide	4.561	4.725	-3.6	85	0.00
17		Allyl chloride	2.990	3.025	-1.2	81	0.00
18	M	Methylene Chloride	1.932	1.918	0.7	79	0.00
19	M	trans-1,2-Dichloroethene	1.823	1.781	2.3	81	0.00
20	T	Diisopropyl ether	6.804	6.976	-2.5	80	0.00
21	M	1,1-Dichloroethane	3.448	3.525	-2.2	82	0.00
22	M	cis-1,2-Dichloroethene	2.216	2.233	-0.8	81	0.00
23	M	tert-Butyl Alcohol	0.470	0.484	-3.0	82	0.00
24	M	Methyl tert-Butyl Ether	6.367	6.506	-2.2	83	0.00
25	M	Chloroform	3.481	3.476	0.1	81	0.00
26		Cyclohexane	3.185	3.125	1.9	80	0.00
27	s	1,2-Dichloroethane-d4	2.294	2.286	0.3	81	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29		1,1-Dichloropropene	0.426	0.436	-2.3	83	0.00
30	M	2-Butanone	0.309	0.313	-1.3	82	0.00
31		2,2-Dichloropropane	0.531	0.502	5.5	76	0.00
32	M	1,1,1-Trichloroethane	0.512	0.512	0.0	81	0.00
33	M	Carbon Tetrachloride	0.422	0.431	-2.1	83	0.00
34	M	Benzene	1.393	1.390	0.2	80	0.00
35		Methacrylonitrile	0.353	0.340	3.7	79	0.00
36	M	1,2-Dichloroethane	0.464	0.464	0.0	82	0.00
37	M	Trichloroethene	0.318	0.319	-0.3	82	0.00
38		Methylcyclohexane	0.549	0.539	1.8	82	0.00
39	M	1,2-Dichloropropane	0.351	0.358	-2.0	85	0.00
40		Dibromomethane	0.249	0.249	0.0	84	0.00
41	M	Bromodichloromethane	0.501	0.499	0.4	84	0.00
42	M	Vinyl Acetate	1.038	1.030	0.8	82	0.00
43		Ethyl Acetate	0.633	0.622	1.7	75	0.00
44		Isopropyl Acetate	1.011	1.027	-1.6	83	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	80	0.00
46		Methyl methacrylate	0.471	0.457	3.0	83	0.00
47		n-amyl Acetate	0.417	0.419	-0.5	138	0.02
48	M	t-1,3-Dichloropropene	0.564	0.560	0.7	86	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087425.D
Acq On : 28 Jul 2025 11:54
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

Quant Time: Jul 28 13:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 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	0.592	0.585	1.2	85	0.00
50	M	1,1,2-Trichloroethane	0.331	0.325	1.8	84	0.00
51		Ethyl methacrylate	0.600	0.589	1.8	84	0.00
52		1,3-Dichloropropane	0.572	0.585	-2.3	89	0.00
53	M	Dibromochloromethane	0.380	0.382	-0.5	87	0.00
54	M	1,2-Dibromoethane	0.348	0.354	-1.7	89	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.333	-34.8#	106	0.00
56	M	Bromoform	0.267	0.250	6.4	81	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58	M	4-Methyl-2-Pentanone	0.676	0.711	-5.2	87	0.00
59	M	2-Hexanone	0.468	0.470	-0.4	86	0.00
60	S	4-Bromofluorobenzene	0.493	0.486	1.4	85	0.00
61	M	Tetrachloroethene	0.285	0.287	-0.7	88	0.00
62	M	Toluene	1.693	1.719	-1.5	88	0.00
63	S	Toluene-d8	1.378	1.394	-1.2	87	0.00
64	M	Chlorobenzene	1.041	1.044	-0.3	87	0.00
65		1,1,1,2-Tetrachloroethane	0.353	0.349	1.1	82	0.00
66	M	Ethyl Benzene	1.850	1.878	-1.5	86	0.00
67	M	m/p-Xylenes	0.693	0.705	-1.7	86	0.00
68	M	o-Xylene	0.678	0.691	-1.9	85	0.00
69	M	Styrene	1.160	1.156	0.3	84	0.00
70		Isopropylbenzene	1.742	1.754	-0.7	85	0.00
71	M	1,1,2,2-Tetrachloroethane	0.594	0.609	-2.5	87	0.00
72		1,2,3-Trichloropropane	0.540	0.505	6.5	73	0.00
73		Bromobenzene	0.405	0.407	-0.5	88	0.00
74		n-propylbenzene	2.151	2.159	-0.4	85	0.00
75		2-Chlorotoluene	1.276	1.291	-1.2	86	0.00
76		1,3,5-Trimethylbenzene	1.443	1.463	-1.4	85	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.204	10.9	79	0.00
78		4-Chlorotoluene	1.311	1.318	-0.5	84	0.00
79		tert-butylbenzene	1.247	1.256	-0.7	85	0.00
80		1,2,4-Trimethylbenzene	1.432	1.447	-1.0	84	0.00
81		sec-Butylbenzene	1.852	1.882	-1.6	85	0.00
82		p-Isopropyltoluene	1.503	1.542	-2.6	84	0.00
83	M	1,3-Dichlorobenzene	0.766	0.777	-1.4	84	0.00
84	M	1,4-Dichlorobenzene	0.801	0.806	-0.6	84	0.00
85		n-Butylbenzene	1.514	1.539	-1.7	86	0.00
86	T	Hexachloroethane	0.305	0.311	-2.0	86	0.00
87	M	1,2-Dichlorobenzene	0.745	0.752	-0.9	85	0.00
88		1,2-Dibromo-3-Chloropropane	0.137	0.130	5.1	82	0.00
89		1,2,4-Trichlorobenzene	0.454	0.455	-0.2	86	0.00
90		Hexachlorobutadiene	0.173	0.171	1.2	86	0.00
91	M	Naphthalene	1.716	1.753	-2.2	88	0.00
92		1,2,3-Trichlorobenzene	0.454	0.455	-0.2	86	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

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MSVOA_N
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ICVVN072825

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	80	0.00
2	M	Dichlorodifluoromethane	20.000	21.236	-6.2	82	0.00
3	M	Chloromethane	20.000	21.489	-7.4	86	0.00
4	M	Vinyl Chloride	20.000	20.586	-2.9	82	0.00
5	M	Bromomethane	20.000	19.968	0.2	82	0.00
6	M	Chloroethane	20.000	20.958	-4.8	83	0.00
7	M	Trichlorofluoromethane	20.000	20.690	-3.5	85	0.00
8	T	Diethyl Ether	20.000	21.182	-5.9	83	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.948	0.3	81	0.00
10	M	1,1-Dichloroethene	20.000	21.187	-5.9	84	0.00
11		Methyl Iodide	20.000	17.564	12.2	92	0.00
12		Methyl Acetate	20.000	20.709	-3.5	84	0.00
13	M	Acrolein	100.000	117.257	-17.3	119	0.00
14	M	Acrylonitrile	100.000	101.453	-1.5	81	0.00
15	M	Acetone	100.000	96.630	3.4	74	-0.01
16	M	Carbon Disulfide	20.000	20.720	-3.6	85	0.00
17		Allyl chloride	20.000	20.234	-1.2	81	0.00
18	M	Methylene Chloride	20.000	19.857	0.7	79	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.531	2.3	81	0.00
20	T	Diisopropyl ether	20.000	20.506	-2.5	80	0.00
21	M	1,1-Dichloroethane	20.000	20.447	-2.2	82	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.151	-0.8	81	0.00
23	M	tert-Butyl Alcohol	100.000	102.944	-2.9	82	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.435	-2.2	83	0.00
25	M	Chloroform	20.000	19.971	0.1	81	0.00
26		Cyclohexane	20.000	19.622	1.9	80	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.892	0.4	81	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29		1,1-Dichloropropene	20.000	20.480	-2.4	83	0.00
30	M	2-Butanone	100.000	101.332	-1.3	82	0.00
31		2,2-Dichloropropane	20.000	18.908	5.5	76	0.00
32	M	1,1,1-Trichloroethane	20.000	19.987	0.1	81	0.00
33	M	Carbon Tetrachloride	20.000	20.440	-2.2	83	0.00
34	M	Benzene	20.000	19.953	0.2	80	0.00
35		Methacrylonitrile	20.000	19.253	3.7	79	0.00
36	M	1,2-Dichloroethane	20.000	20.027	-0.1	82	0.00
37	M	Trichloroethene	20.000	20.065	-0.3	82	0.00
38		Methylcyclohexane	20.000	19.624	1.9	82	0.00
39	M	1,2-Dichloropropane	20.000	20.406	-2.0	85	0.00
40		Dibromomethane	20.000	20.008	-0.0	84	0.00
41	M	Bromodichloromethane	20.000	19.932	0.3	84	0.00
42	M	Vinyl Acetate	100.000	99.228	0.8	82	0.00
43		Ethyl Acetate	20.000	19.659	1.7	75	0.00
44		Isopropyl Acetate	20.000	20.327	-1.6	83	0.00
45	T	1,4-Dioxane	400.000	412.361	-3.1	80	0.00
46		Methyl methacrylate	20.000	19.421	2.9	83	0.00
47		n-amyl Acetate	20.000	20.127	-0.6	138	0.02
48	M	t-1,3-Dichloropropene	20.000	19.876	0.6	86	0.00

ICAL Form

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.764	1.2	85	0.00
50	M	1,1,2-Trichloroethane	20.000	19.602	2.0	84	0.00
51		Ethyl methacrylate	20.000	19.648	1.8	84	0.00
52		1,3-Dichloropropane	20.000	20.440	-2.2	89	0.00
53	M	Dibromochloromethane	20.000	20.124	-0.6	87	0.00
54	M	1,2-Dibromoethane	20.000	20.347	-1.7	89	0.00
55	M	2-Chloroethyl vinyl ether	100.000	134.997	-35.0#	106	0.00
56	M	Bromoform	20.000	18.736	6.3	81	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.229	-5.2	87	0.00
59	M	2-Hexanone	100.000	100.286	-0.3	86	0.00
60	S	4-Bromofluorobenzene	30.000	29.605	1.3	85	0.00
61	M	Tetrachloroethene	20.000	20.141	-0.7	88	0.00
62	M	Toluene	20.000	20.305	-1.5	88	0.00
63	S	Toluene-d8	30.000	30.352	-1.2	87	0.00
64	M	Chlorobenzene	20.000	20.060	-0.3	87	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.787	1.1	82	0.00
66	M	Ethyl Benzene	20.000	20.304	-1.5	86	0.00
67	M	m/p-Xylenes	40.000	40.681	-1.7	86	0.00
68	M	o-Xylene	20.000	20.365	-1.8	85	0.00
69	M	Styrene	20.000	19.925	0.4	84	0.00
70		Isopropylbenzene	20.000	20.135	-0.7	85	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.522	-2.6	87	0.00
72		1,2,3-Trichloropropane	20.000	18.683	6.6	73	0.00
73		Bromobenzene	20.000	20.138	-0.7	88	0.00
74		n-propylbenzene	20.000	20.081	-0.4	85	0.00
75		2-Chlorotoluene	20.000	20.229	-1.1	86	0.00
76		1,3,5-Trimethylbenzene	20.000	20.279	-1.4	85	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.839	10.8	79	0.00
78		4-Chlorotoluene	20.000	20.106	-0.5	84	0.00
79		tert-butylbenzene	20.000	20.153	-0.8	85	0.00
80		1,2,4-Trimethylbenzene	20.000	20.210	-1.1	84	0.00
81		sec-Butylbenzene	20.000	20.327	-1.6	85	0.00
82		p-Isopropyltoluene	20.000	20.514	-2.6	84	0.00
83	M	1,3-Dichlorobenzene	20.000	20.300	-1.5	84	0.00
84	M	1,4-Dichlorobenzene	20.000	20.116	-0.6	84	0.00
85		n-Butylbenzene	20.000	20.341	-1.7	86	0.00
86	T	Hexachloroethane	20.000	20.374	-1.9	86	0.00
87	M	1,2-Dichlorobenzene	20.000	20.189	-0.9	85	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.943	5.3	82	0.00
89		1,2,4-Trichlorobenzene	20.000	20.050	-0.3	86	0.00
90		Hexachlorobutadiene	20.000	19.766	1.2	86	0.00
91	M	Naphthalene	20.000	20.425	-2.1	88	0.00
92		1,2,3-Trichlorobenzene	20.000	20.050	-0.3	86	0.00

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TULL01
Lab Code:	ACE	SDG No.:	Q2699
Instrument ID:	MSVOA_N	Calibration Date/Time:	07/28/2025 10:06
Lab File ID:	VN087420.D	Init. Calib. Date(s):	07/28/2025 07/28/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:06 11:09

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.393	1.412		1.36	
Toluene	1.693	1.685		-0.47	
Ethyl Benzene	1.850	1.887		2	
m/p-Xylenes	0.693	0.704		1.59	
o-Xylene	0.678	0.704		3.84	
1,2-Dichloroethane-d4	2.294	2.272		-0.96	
Toluene-d8	1.378	1.381		0.22	
4-Bromofluorobenzene	0.493	0.493		0	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 11:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	104668	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	586753	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	490436	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	237825	27.551	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.833%				
60) 4-Bromofluorobenzene	12.829	95	241964	29.572	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.567%				
63) Toluene-d8	10.547	98	677131	30.360	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.148	85	126885	19.812	ug/l		87
3) Chloromethane	2.383	50	130749	20.554	ug/l		97
4) Vinyl Chloride	2.542	62	131642	18.777	ug/l		94
5) Bromomethane	2.983	94	62595	14.428	ug/l		88
6) Chloroethane	3.142	64	75489m	14.011	ug/l		
7) Trichlorofluoromethane	3.512	101	161939	13.582	ug/l		94
8) Diethyl Ether	3.965	74	70440	14.842	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.365	101	89459	14.158	ug/l	#	70
10) 1,1-Dichloroethene	4.336	96	91154	13.895	ug/l		91
11) Methyl Iodide	4.577	142	62220	13.002	ug/l		83
12) Methyl Acetate	5.024	43	193158	22.638	ug/l		96
13) Acrolein	4.183	56	62956	40.585	ug/l		97
14) Acrylonitrile	5.712	53	427024	109.587	ug/l		98
15) Acetone	4.430	58	103271	75.066	ug/l		80
16) Carbon Disulfide	4.706	76	313125	18.483	ug/l		100
17) Allyl chloride	5.012	41	210346	23.407	ug/l		87
18) Methylene Chloride	5.259	84	135417m	20.397	ug/l		
19) trans-1,2-Dichloroethene	5.771	96	123838	19.223	ug/l		93
20) Diisopropyl ether	6.659	45	485852	21.380	ug/l		94
21) 1,1-Dichloroethane	6.559	63	241230	19.875	ug/l		95
22) cis-1,2-Dichloroethene	7.471	96	154680	20.498	ug/l		98
23) tert-Butyl Alcohol	5.524	59	164521	123.192	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	441292	20.816	ug/l		99
25) Chloroform	7.953	83	240943	18.125	ug/l		94
26) Cyclohexane	8.241	56	218606	24.160	ug/l	#	95
29) 1,1-Dichloropropene	8.353	75	168718	16.854	ug/l		98
30) 2-Butanone	7.471	43	609764	89.439	ug/l		99
31) 2,2-Dichloropropane	7.477	77	212234	16.143	ug/l		95
32) 1,1,1-Trichloroethane	8.153	97	200721	15.320	ug/l		99
33) Carbon Tetrachloride	8.347	117	167018	14.674	ug/l		97
34) Benzene	8.588	78	552319	17.083	ug/l		96
35) Methacrylonitrile	7.765	41	137977	19.245	ug/l		91
36) 1,2-Dichloroethane	8.659	62	181866m	14.259	ug/l		
37) Trichloroethene	9.335	130	124348	16.853	ug/l		93
38) Methylcyclohexane	9.582	83	210652	19.906	ug/l		96
39) 1,2-Dichloropropane	9.606	63	135182	16.643	ug/l		94
40) Dibromomethane	9.688	93	94554	15.046	ug/l		98
41) Bromodichloromethane	9.871	83	190135	15.239	ug/l		87
42) Vinyl Acetate	6.588	43	2011260	87.087	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 11:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Ethyl Acetate	7.547	43	265642m	19.139 ug/l		
44) Isopropyl Acetate	8.677	43	394930	18.024 ug/l		100
45) 1,4-Dioxane	9.682	88	53161	393.794 ug/l	#	58
46) Methyl methacrylate	9.665	41	176163	17.459 ug/l		96
47) n-amyl Acetate	12.518	43	97455	7.422 ug/l	#	66
48) t-1,3-Dichloropropene	10.818	75	209390	15.731 ug/l		96
49) cis-1,3-Dichloropropene	10.294	75	220552	16.568 ug/l		98
50) 1,1,2-Trichloroethane	11.000	97	123760	15.249 ug/l		94
51) Ethyl methacrylate	10.859	69	223041	17.971 ug/l		98
52) 1,3-Dichloropropane	11.147	76	209626	15.022 ug/l		100
53) Dibromochloromethane	11.341	129	139794	14.696 ug/l		98
54) 1,2-Dibromoethane	11.447	107	127613	15.340 ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	501216	72.595 ug/l		98
56) Bromoform	12.559	173	98259	14.524 ug/l		100
58) 4-Methyl-2-Pentanone	10.429	43	1149475	95.850 ug/l		99
59) 2-Hexanone	11.182	43	770544	95.193 ug/l		97
61) Tetrachloroethene	11.082	164	92302	16.853 ug/l	#	89
62) Toluene	10.612	91	551064	18.450 ug/l		97
64) Chlorobenzene	11.871	112	339856	17.798 ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.941	131	119776	17.164 ug/l		95
66) Ethyl Benzene	11.941	91	616868	19.077 ug/l		95
67) m/p-Xylenes	12.053	106	460356	35.975 ug/l		98
68) o-Xylene	12.376	106	230015	18.738 ug/l		100
69) Styrene	12.394	104	388194	18.176 ug/l		100
70) Isopropylbenzene	12.676	105	583004	18.858 ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.917	83	198171	18.222 ug/l		95
72) 1,2,3-Trichloropropane	12.976	75	195964m	20.169 ug/l		
73) Bromobenzene	12.959	156	130858	16.262 ug/l		91
74) n-propylbenzene	13.012	91	718289	18.398 ug/l		99
75) 2-Chlorotoluene	13.106	91	424649	18.110 ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	483204	17.969 ug/l		100
77) t-1,4-Dichloro-2-butene	12.717	75	73038	18.810 ug/l		94
78) 4-Chlorotoluene	13.200	91	440861	17.629 ug/l		97
79) tert-butylbenzene	13.417	119	418588	18.329 ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	485562	17.688 ug/l		96
81) sec-Butylbenzene	13.594	105	623158	18.907 ug/l		99
82) p-Isopropyltoluene	13.706	119	515943	18.239 ug/l		96
83) 1,3-Dichlorobenzene	13.712	146	259135	15.983 ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	271082	16.939 ug/l		98
85) n-Butylbenzene	14.035	91	502453	19.286 ug/l		98
86) Hexachloroethane	14.312	117	102213	18.568 ug/l		96
87) 1,2-Dichlorobenzene	14.082	146	247872	16.238 ug/l		96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	44493	17.584 ug/l		96
89) 1,2,4-Trichlorobenzene	15.811	180	149474	16.974 ug/l		98
90) Hexachlorobutadiene	15.476	225	56252	15.487 ug/l		99
91) Naphthalene	15.611	128	562350	19.187 ug/l		100
92) 1,2,3-Trichlorobenzene	15.811	180	149474	16.974 ug/l		98

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

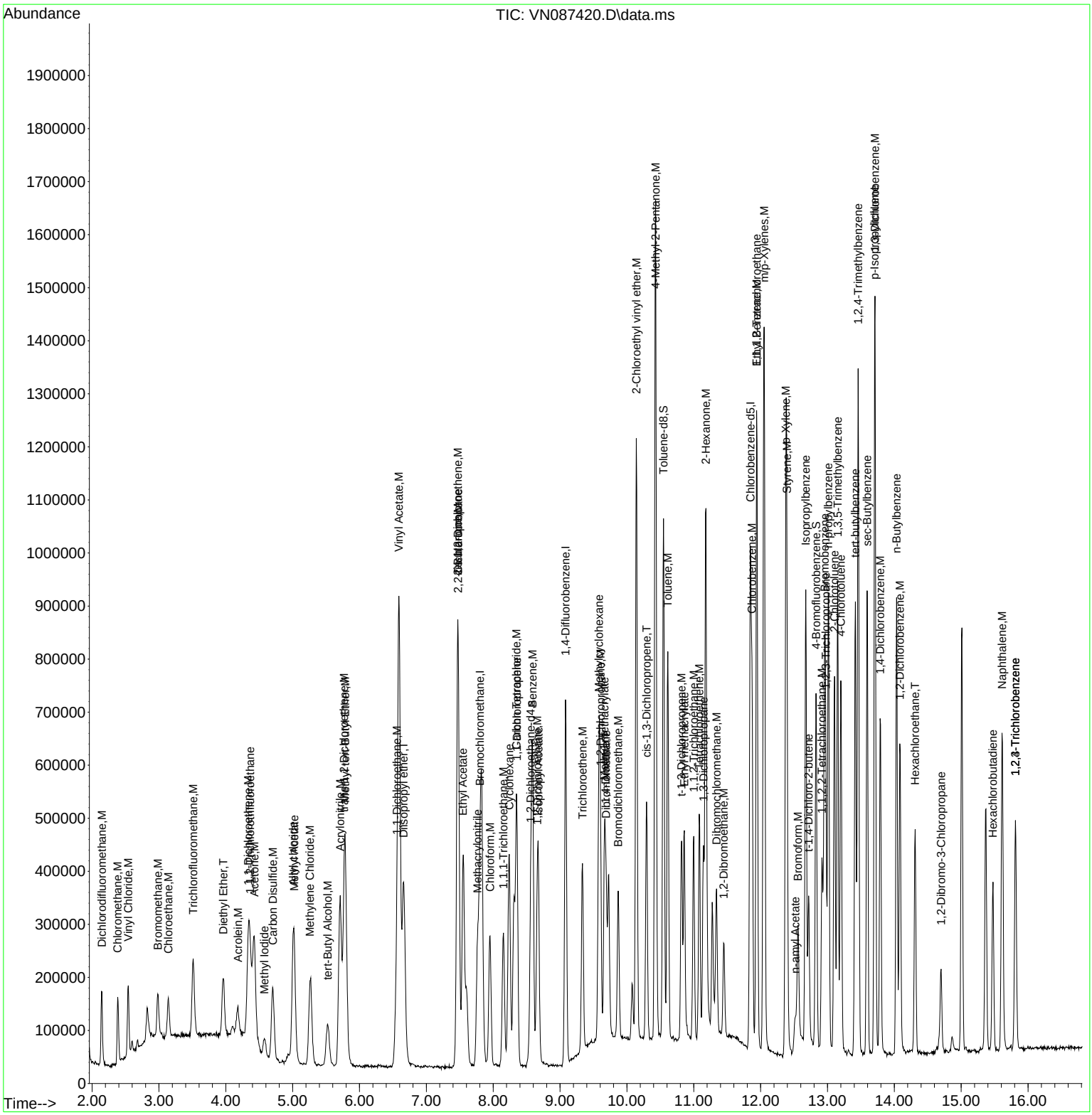
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 11:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:25:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



QC SAMPLE DATA

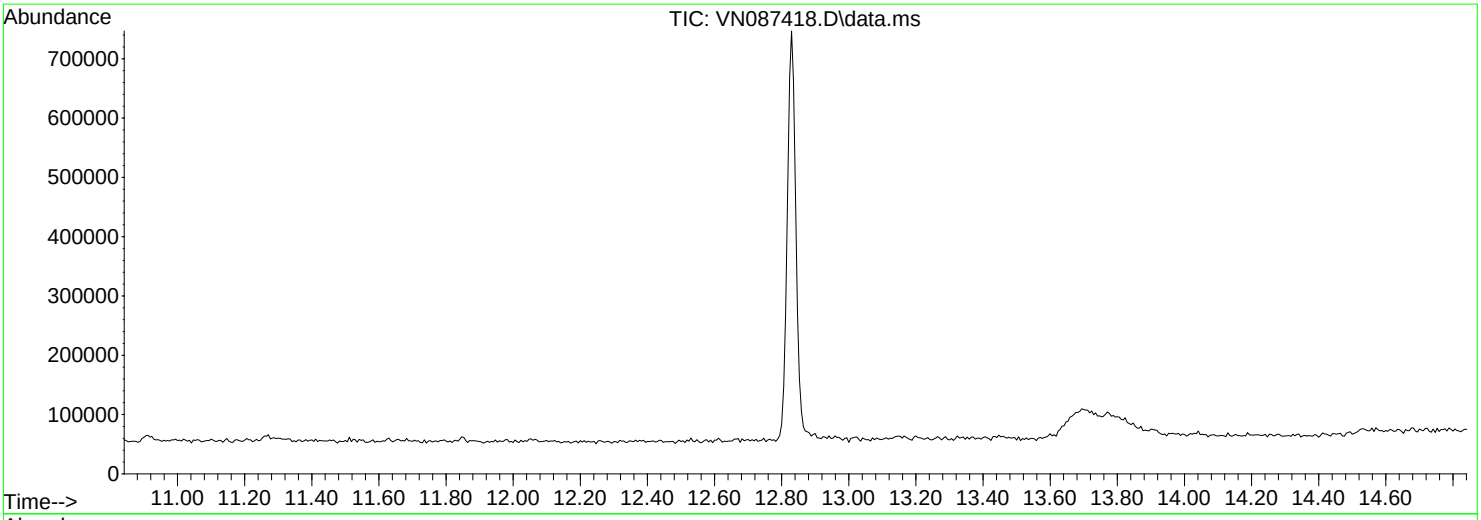
Sample Results: **VN087418.D**

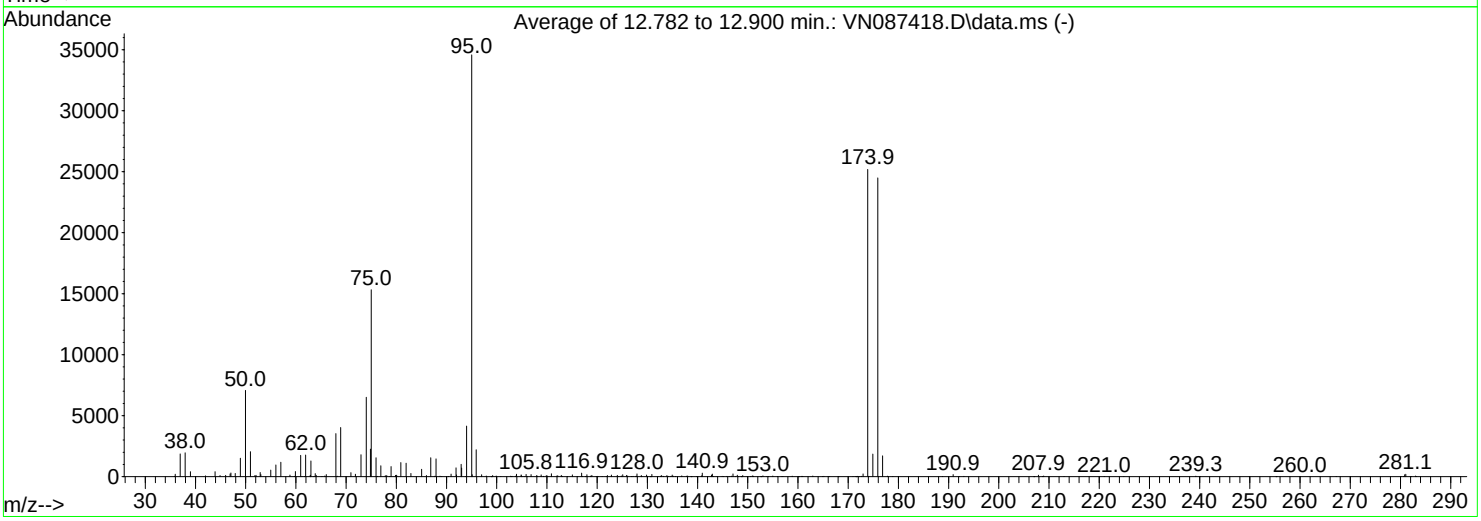
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087418.D
Acq On : 28 Jul 2025 08:31
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Mon Jul 28 11:35:47 2025





AutoFind: Averaged scan 1841 to 1861; Bkg corrected with scan 1840

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	7071	PASS
75	95	30	60	44.3	15317	PASS
95	95	100	100	100.0	34582	PASS
96	95	5	9	6.4	2201	PASS
173	174	0.00	2	0.9	222	PASS
174	95	50	100	72.8	25188	PASS
175	174	5	9	7.3	1848	PASS
176	174	95	101	97.2	24487	PASS
177	176	5	9	7.0	1704	PASS

Raw Data: **VN087428.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:	VN0728WBL01		SDG No.:	Q2699	
Lab Sample ID:	VN0728WBL01		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
VN087428.D	1	07/28/25 13:22	VN072825

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	30.0		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	30.7		91 - 112	102%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.6		63 - 112	95%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	71600	7.8			
540-36-3	1,4-Difluorobenzene	408000	9.082			
3114-55-4	Chlorobenzene-d5	348000	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\VN072825\
Data File : VN087428.D
Acq On : 28 Jul 2025 13:22
Operator : JC\MD
Sample : VN0728WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Quant Time: Jul 28 13:41:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

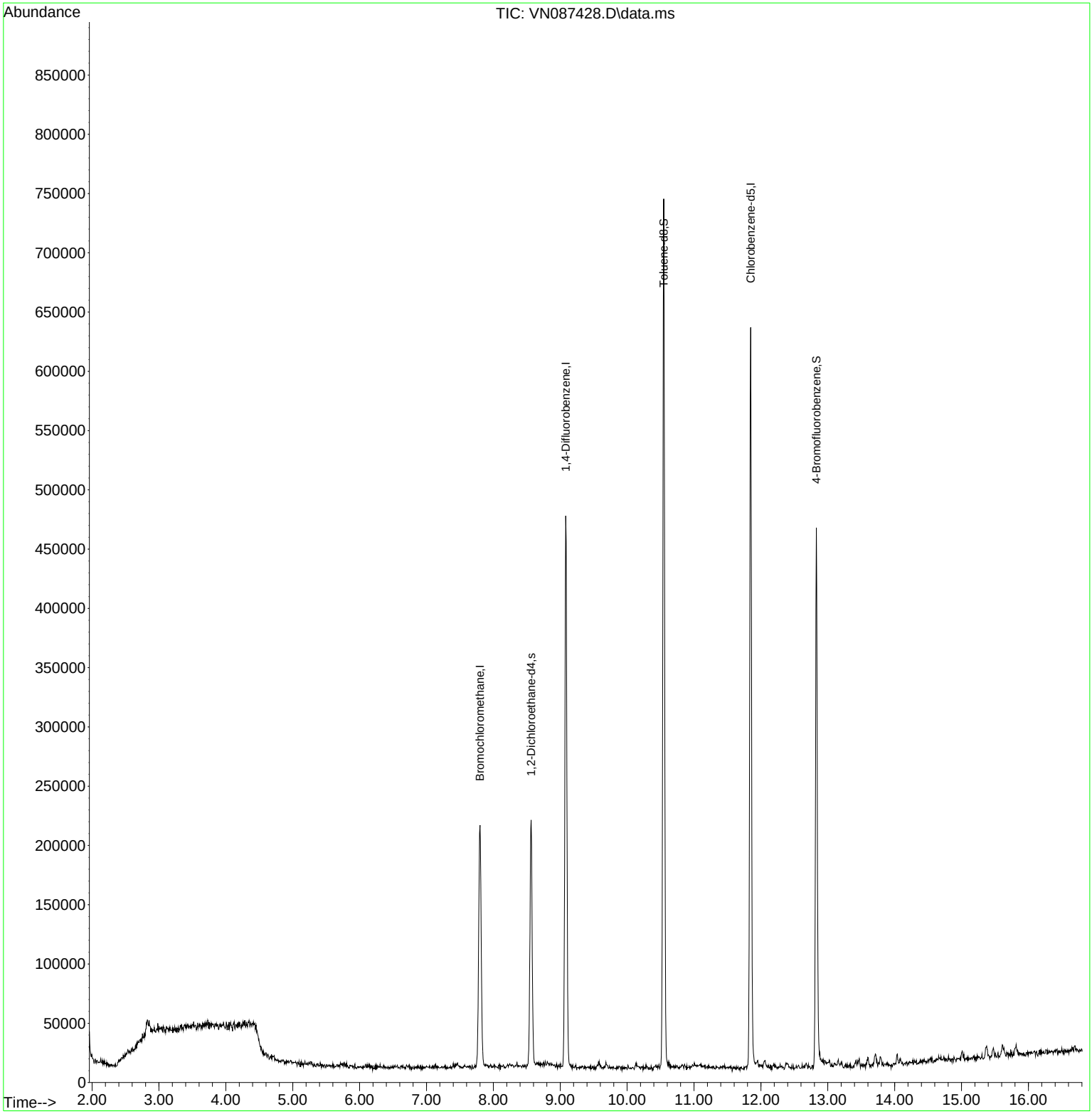
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	71572	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	407686	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	348117	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	164125	29.988	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.967%			
60) 4-Bromofluorobenzene	12.829	95	163739	28.643	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.467%			
63) Toluene-d8	10.547	98	490872	30.705	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.333%			
Target Compounds						Qvalue

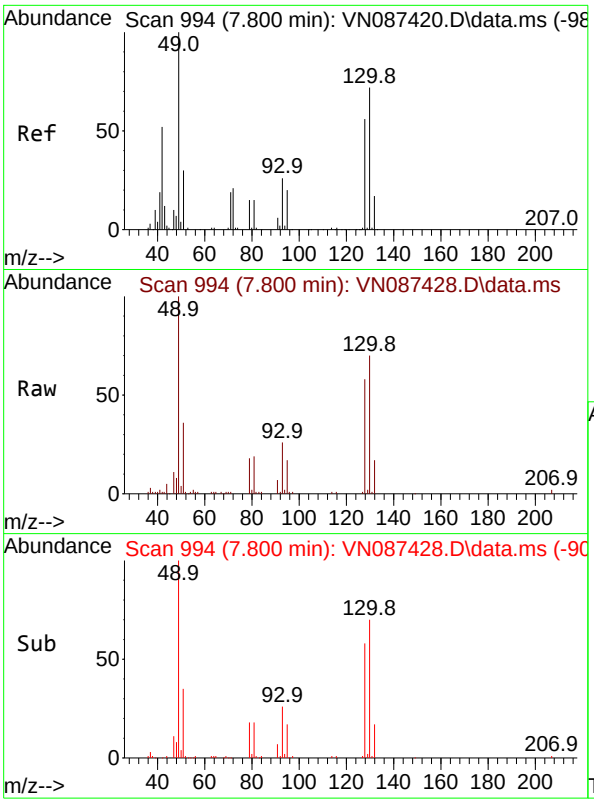
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087428.D
Acq On : 28 Jul 2025 13:22
Operator : JC\MD
Sample : VN0728WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Quant Time: Jul 28 13:41:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration



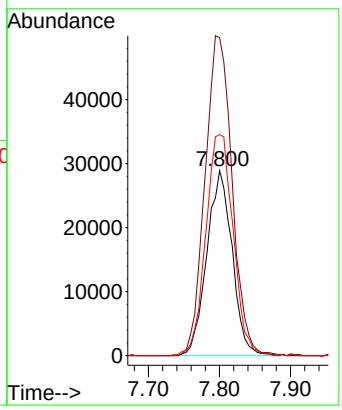


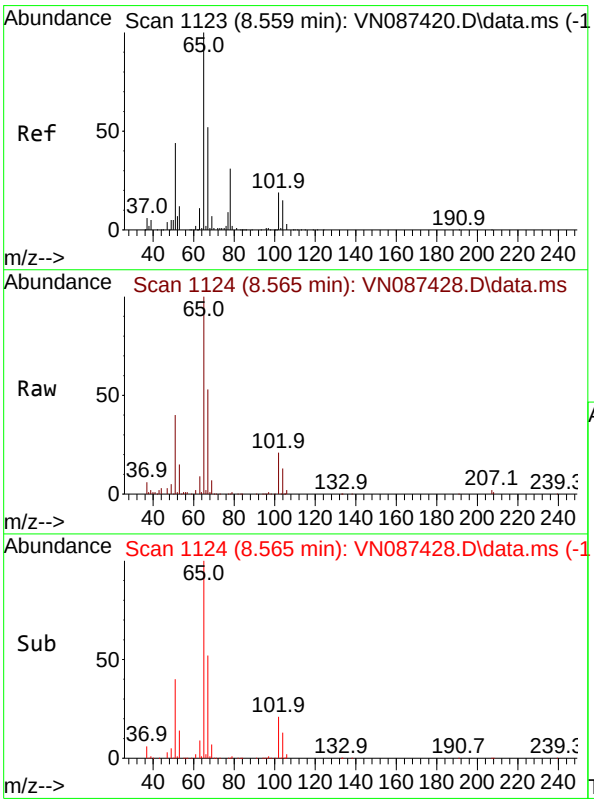
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087428.D
Acq: 28 Jul 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Tgt Ion:128 Resp: 71572

Ion	Ratio	Lower	Upper
128	100		
49	184.2	0.0	457.3
130	129.2	0.0	316.0

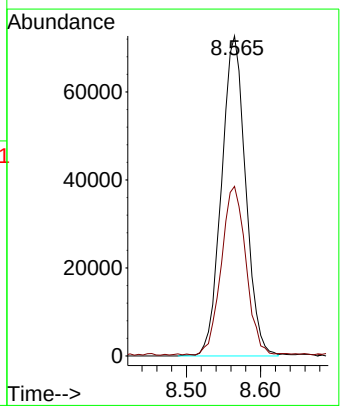


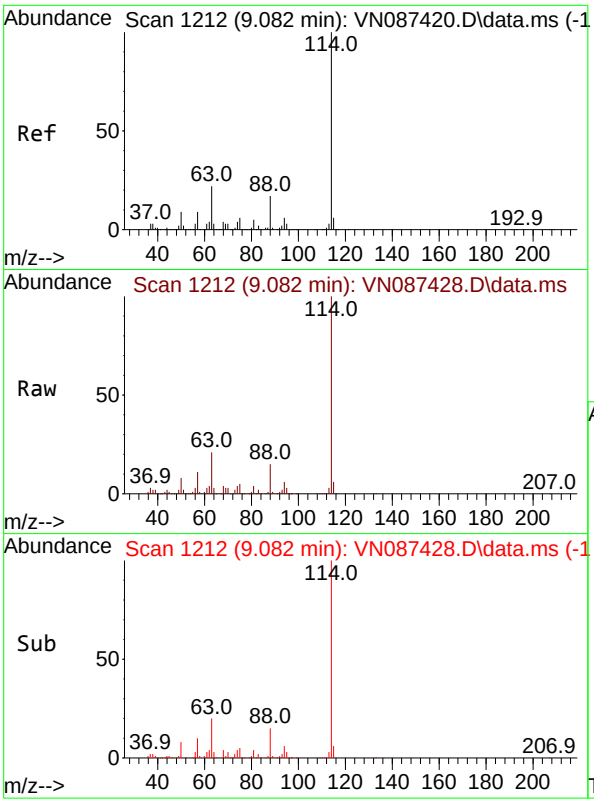


#27
1,2-Dichloroethane-d4
Concen: 29.988 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087428.D
Acq: 28 Jul 2025 13:22

Tgt Ion: 65 Resp: 164125

Ion	Ratio	Lower	Upper
65	100		
67	54.0	42.3	63.5



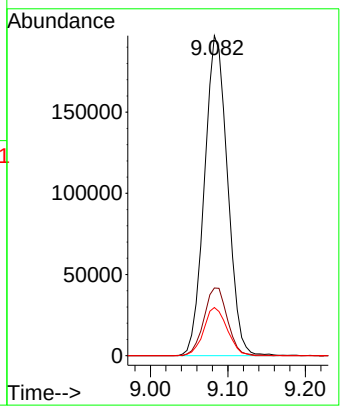


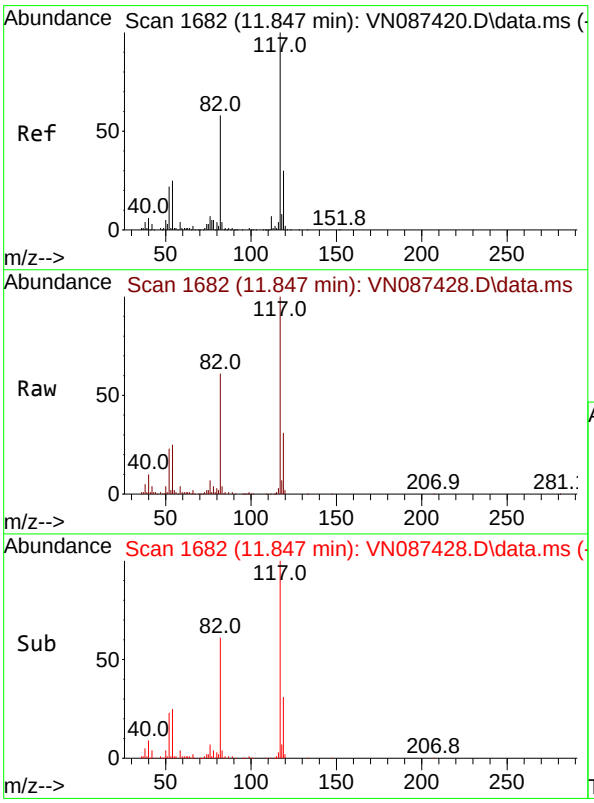
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087428.D
Acq: 28 Jul 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Tgt Ion:114 Resp: 407686

Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.8	26.6
88	15.3	13.0	19.4

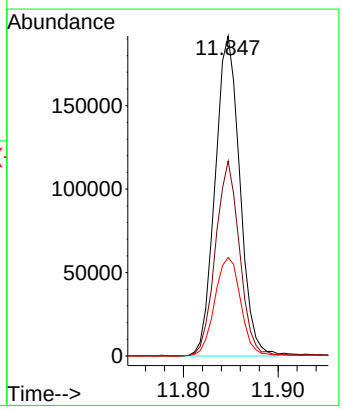


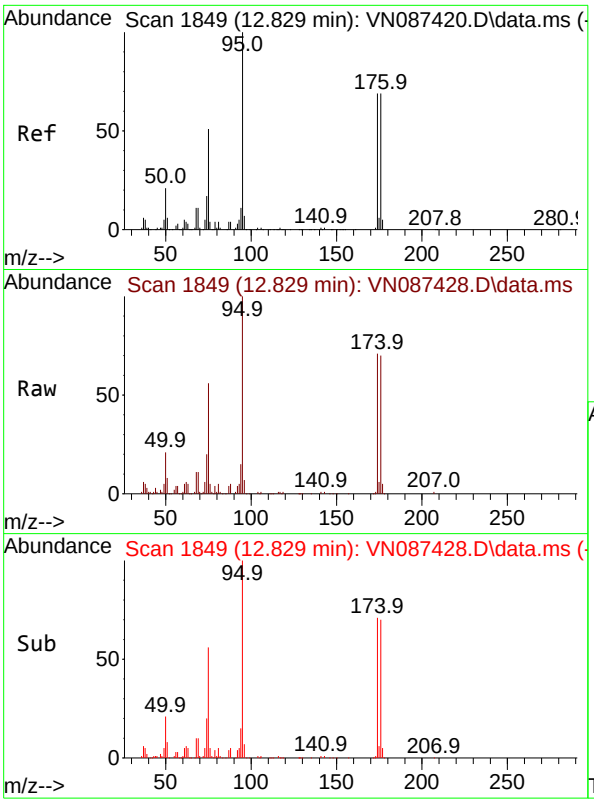


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087428.D
Acq: 28 Jul 2025 13:22

Tgt Ion:117 Resp: 348117

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.2	69.4
119	32.3	25.7	38.5



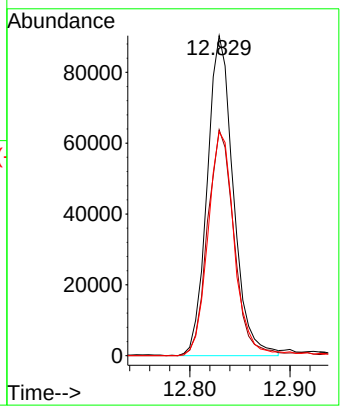


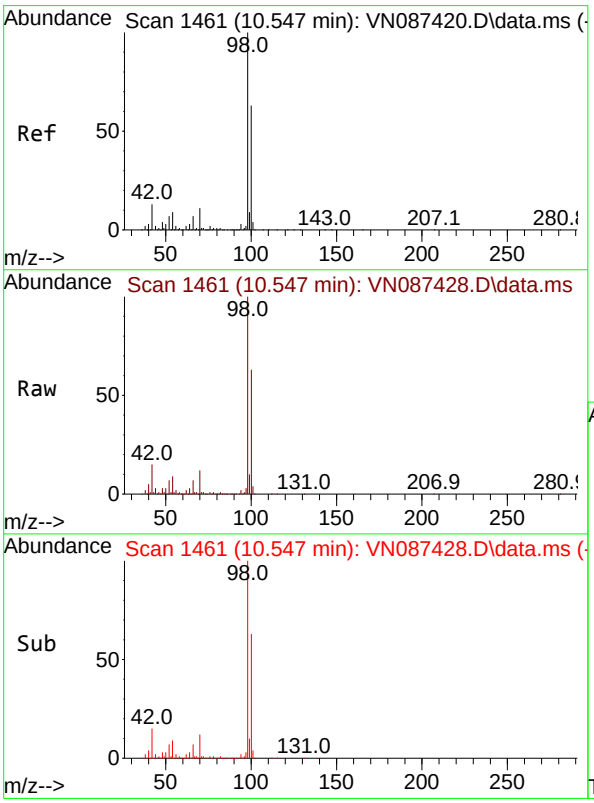
#60
4-Bromofluorobenzene
Concen: 28.643 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087428.D
Acq: 28 Jul 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Tgt Ion: 95 Resp: 163739

Ion	Ratio	Lower	Upper
95	100		
174	71.5	57.8	86.8
176	70.8	54.9	82.3

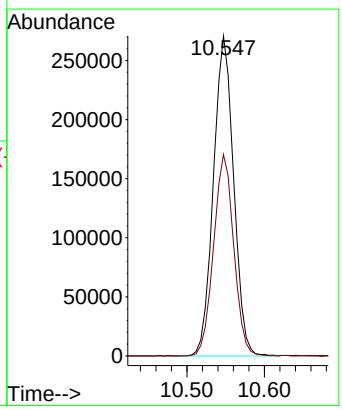




#63
Toluene-d8
Concen: 30.705 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087428.D
Acq: 28 Jul 2025 13:22

Tgt Ion: 98 Resp: 490872

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.7	76.1



Raw Data: **VN087426.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:	VN0728WBS01		SDG No.:	Q2699	
Lab Sample ID:	VN0728WBS01		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
VN087426.D	1	07/28/25 12:27	VN072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	17.9		0.45	5.00	ug/L
108-88-3	Toluene	18.0		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	18.3		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	36.6		1.30	10.0	ug/L
95-47-6	o-Xylene	18.5		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.1		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	30.4		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.4		63 - 112	98%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	87300	7.794			
540-36-3	1,4-Difluorobenzene	492000	9.083			
3114-55-4	Chlorobenzene-d5	430000	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\VN072825\
Data File : VN087426.D
Acq On : 28 Jul 2025 12:27
Operator : JC\MD
Sample : VN0728WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 28 13:26:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	87324	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	492311	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	430169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	200986	30.099	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.333%			
60) 4-Bromofluorobenzene	12.829	95	207570	29.384	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.933%			
63) Toluene-d8	10.547	98	601134	30.429	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	91454	17.950	ug/l	89
3) Chloromethane	2.383	50	100154	18.518	ug/l	96
4) Vinyl Chloride	2.542	62	101257	18.504	ug/l	99
5) Bromomethane	2.977	94	50703	19.001	ug/l	99
6) Chloroethane	3.142	64	56200	18.209	ug/l	99
7) Trichlorofluoromethane	3.506	101	128329	18.640	ug/l	96
8) Diethyl Ether	3.965	74	53324	18.558	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	71235	18.968	ug/l	97
10) 1,1-Dichloroethene	4.330	96	72950	19.527	ug/l	92
11) Methyl Iodide	4.583	142	55255	16.335	ug/l	95
12) Methyl Acetate	5.012	43	147594	18.120	ug/l	99
13) Acrolein	4.177	56	68059	102.452	ug/l	96
14) Acrylonitrile	5.712	53	323261	91.523	ug/l	99
15) Acetone	4.424	58	73121	89.322	ug/l	93
16) Carbon Disulfide	4.706	76	241838	18.216	ug/l	98
17) Allyl chloride	5.006	41	150530	17.294	ug/l	97
18) Methylene Chloride	5.265	84	99492	17.690	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	94194	17.748	ug/l	98
20) Diisopropyl ether	6.659	45	368991	18.632	ug/l	99
21) 1,1-Dichloroethane	6.553	63	181537	18.086	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	114166	17.699	ug/l	100
23) tert-Butyl Alcohol	5.530	59	126852	92.659	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	337583	18.214	ug/l	97
25) Chloroform	7.953	83	182530	18.012	ug/l	98
26) Cyclohexane	8.241	56	168041	18.127	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	127677	18.269	ug/l	98
30) 2-Butanone	7.477	43	469196	92.662	ug/l	99
31) 2,2-Dichloropropane	7.477	77	157108	18.041	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	151041	17.980	ug/l	98
33) Carbon Tetrachloride	8.341	117	123551	17.836	ug/l	98
34) Benzene	8.588	78	409685	17.923	ug/l	99
35) Methacrylonitrile	7.765	41	100468	17.321	ug/l	96
36) 1,2-Dichloroethane	8.653	62	135618	17.827	ug/l #	93
37) Trichloroethene	9.335	130	93135	17.849	ug/l	94
38) Methylcyclohexane	9.583	83	161359	17.901	ug/l	100
39) 1,2-Dichloropropane	9.600	63	103126	17.920	ug/l	96
40) Dibromomethane	9.694	93	72281	17.706	ug/l	99
41) Bromodichloromethane	9.871	83	148476	18.071	ug/l	94
42) Vinyl Acetate	6.594	43	1519689	89.182	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087426.D
Acq On : 28 Jul 2025 12:27
Operator : JC\MD
Sample : VN0728WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 28 13:26:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	185584	17.879 ug/l #	64
44) Isopropyl Acetate	8.677	43	305680	18.433 ug/l	97
45) 1,4-Dioxane	9.682	88	38982	370.493 ug/l	98
46) Methyl methacrylate	9.665	41	138077	17.882 ug/l	98
47) n-amyl Acetate	12.524	43	137720m	20.144 ug/l	
48) t-1,3-Dichloropropene	10.818	75	164427	17.777 ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	176696	18.190 ug/l	96
50) 1,1,2-Trichloroethane	11.000	97	97314	17.908 ug/l	98
51) Ethyl methacrylate	10.859	69	175363	17.820 ug/l	96
52) 1,3-Dichloropropane	11.141	76	172596	18.378 ug/l	97
53) Dibromochloromethane	11.335	129	109237	17.526 ug/l	99
54) 1,2-Dibromoethane	11.447	107	101930	17.827 ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	455334	112.534 ug/l	99
56) Bromoform	12.559	173	75474	17.255 ug/l	99
58) 4-Methyl-2-Pentanone	10.430	43	914849	94.417 ug/l	100
59) 2-Hexanone	11.182	43	600451	89.422 ug/l	99
61) Tetrachloroethene	11.088	164	73261	17.938 ug/l	96
62) Toluene	10.612	91	437376	18.016 ug/l	99
64) Chlorobenzene	11.871	112	265566	17.788 ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	90831	17.942 ug/l	97
66) Ethyl Benzene	11.941	91	484939	18.283 ug/l	100
67) m/p-Xylenes	12.053	106	363461	36.571 ug/l	98
68) o-Xylene	12.376	106	179912	18.499 ug/l	99
69) Styrene	12.394	104	296611	17.830 ug/l	99
70) Isopropylbenzene	12.676	105	450449	18.035 ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	154867	18.184 ug/l	100
72) 1,2,3-Trichloropropane	12.971	75	133853m	17.278 ug/l	
73) Bromobenzene	12.965	156	106415	18.338 ug/l	95
74) n-propylbenzene	13.018	91	564224	18.297 ug/l	100
75) 2-Chlorotoluene	13.106	91	328063	17.926 ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	371990	17.978 ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	54046	16.441 ug/l	98
78) 4-Chlorotoluene	13.200	91	342077	18.203 ug/l	100
79) tert-butylbenzene	13.418	119	328750	18.392 ug/l	99
80) 1,2,4-Trimethylbenzene	13.465	105	378959	18.457 ug/l	98
81) sec-Butylbenzene	13.594	105	486984	18.341 ug/l	100
82) p-Isopropyltoluene	13.706	119	404782	18.783 ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	204168	18.591 ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	203414	17.712 ug/l	96
85) n-Butylbenzene	14.035	91	402107	18.527 ug/l	99
86) Hexachloroethane	14.312	117	77797	17.774 ug/l	99
87) 1,2-Dichlorobenzene	14.088	146	196495	18.405 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	35569	18.094 ug/l	96
89) 1,2,4-Trichlorobenzene	15.812	180	115539	17.744 ug/l	97
90) Hexachlorobutadiene	15.476	225	46680	18.829 ug/l	97
91) Naphthalene	15.617	128	452703	18.395 ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	115539	17.744 ug/l	97

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

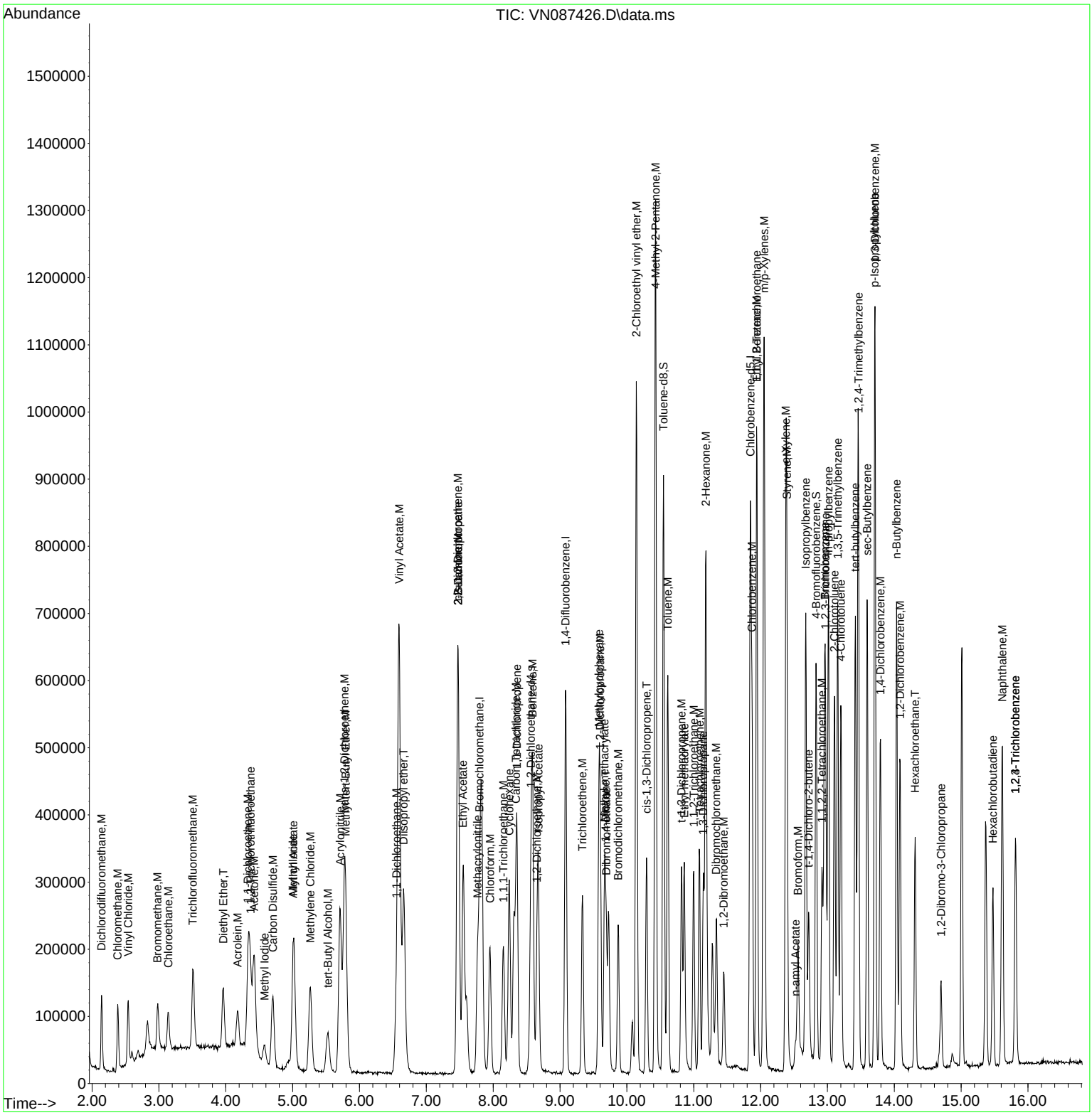
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087426.D
Acq On : 28 Jul 2025 12:27
Operator : JC\MD
Sample : VN0728WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 28 13:26:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/29/2025



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:	VN0728WBSD01		SDG No.:	Q2699	
Lab Sample ID:	VN0728WBSD01		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
VN087427.D	1	07/28/25 13:01	VN072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	17.8		0.45	5.00	ug/L
108-88-3	Toluene	18.0		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	36.5		1.30	10.0	ug/L
95-47-6	o-Xylene	18.3		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.3		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.5		91 - 112	102%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.8		63 - 112	99%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	82200	7.8			
540-36-3	1,4-Difluorobenzene	454000	9.082			
3114-55-4	Chlorobenzene-d5	401000	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\VN072825\
Data File : VN087427.D
Acq On : 28 Jul 2025 13:01
Operator : JC\MD
Sample : VN0728WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 28 13:26:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	82214	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	454464	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	401032	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	190251	30.262	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.867%			
60) 4-Bromofluorobenzene	12.829	95	196184	29.790	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.300%			
63) Toluene-d8	10.547	98	561695	30.499	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	87388	18.218	ug/l	98
3) Chloromethane	2.383	50	90605	17.794	ug/l	92
4) Vinyl Chloride	2.542	62	90689	17.603	ug/l	97
5) Bromomethane	2.983	94	43566	17.341	ug/l	98
6) Chloroethane	3.142	64	53188	18.304	ug/l	97
7) Trichlorofluoromethane	3.512	101	121335	18.720	ug/l	96
8) Diethyl Ether	3.965	74	52378	19.362	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	63579	17.982	ug/l	60
10) 1,1-Dichloroethene	4.342	96	64269	18.273	ug/l	96
11) Methyl Iodide	4.577	142	50517	15.862	ug/l	97
12) Methyl Acetate	5.024	43	143029	18.651	ug/l	93
13) Acrolein	4.171	56	66233	105.900	ug/l	96
14) Acrylonitrile	5.712	53	309709	93.136	ug/l	98
15) Acetone	4.424	58	73327	95.141	ug/l	95
16) Carbon Disulfide	4.700	76	221693	17.736	ug/l	99
17) Allyl chloride	5.012	41	141414	17.256	ug/l	98
18) Methylene Chloride	5.259	84	94534	17.853	ug/l	90
19) trans-1,2-Dichloroethene	5.777	96	84696	16.951	ug/l	95
20) Diisopropyl ether	6.659	45	349308	18.734	ug/l	100
21) 1,1-Dichloroethane	6.553	63	167413	17.715	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	104880	17.270	ug/l	99
23) tert-Butyl Alcohol	5.524	59	128537	99.725	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	320681	18.377	ug/l	99
25) Chloroform	7.947	83	167331	17.539	ug/l	99
26) Cyclohexane	8.247	56	154073	17.653	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	118191	18.320	ug/l	99
30) 2-Butanone	7.471	43	456875	97.743	ug/l	99
31) 2,2-Dichloropropane	7.477	77	139667	17.374	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	140132	18.070	ug/l	98
33) Carbon Tetrachloride	8.341	117	111389	17.420	ug/l	90
34) Benzene	8.588	78	376079	17.823	ug/l	98
35) Methacrylonitrile	7.765	41	99021	18.493	ug/l	98
36) 1,2-Dichloroethane	8.653	62	128684	18.325	ug/l #	93
37) Trichloroethene	9.335	130	86364	17.930	ug/l	83
38) Methylcyclohexane	9.582	83	150606	18.100	ug/l	98
39) 1,2-Dichloropropane	9.606	63	95429	17.963	ug/l	97
40) Dibromomethane	9.694	93	69996	18.574	ug/l	98
41) Bromodichloromethane	9.871	83	138757	18.295	ug/l	93
42) Vinyl Acetate	6.594	43	1442947	91.731	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087427.D
Acq On : 28 Jul 2025 13:01
Operator : JC\MD
Sample : VN0728WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 28 13:26:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	162984	17.009	ug/l	#	64
44) Isopropyl Acetate	8.677	43	297215	19.416	ug/l		98
45) 1,4-Dioxane	9.682	88	36975	380.683	ug/l	#	84
46) Methyl methacrylate	9.665	41	129901	18.224	ug/l		97
47) n-amyl Acetate	12.529	43	122122m	19.350	ug/l		
48) t-1,3-Dichloropropene	10.818	75	157424	18.437	ug/l		95
49) cis-1,3-Dichloropropene	10.294	75	163555	18.239	ug/l		99
50) 1,1,2-Trichloroethane	10.994	97	91889	18.318	ug/l		96
51) Ethyl methacrylate	10.859	69	164790	18.140	ug/l		96
52) 1,3-Dichloropropane	11.147	76	162314	18.722	ug/l		98
53) Dibromochloromethane	11.341	129	105571	18.348	ug/l		97
54) 1,2-Dibromoethane	11.453	107	96478	18.279	ug/l		97
55) 2-Chloroethyl vinyl ether	10.141	63	439906	117.775	ug/l		99
56) Bromoform	12.559	173	70084	17.357	ug/l		98
58) 4-Methyl-2-Pentanone	10.429	43	897982	99.410	ug/l		100
59) 2-Hexanone	11.176	43	591460	94.483	ug/l		99
61) Tetrachloroethene	11.082	164	68211	17.915	ug/l		95
62) Toluene	10.612	91	407240	17.993	ug/l		99
64) Chlorobenzene	11.871	112	246071	17.679	ug/l		95
65) 1,1,1,2-Tetrachloroethane	11.941	131	86341	18.294	ug/l		99
66) Ethyl Benzene	11.941	91	448375	18.133	ug/l		97
67) m/p-Xylenes	12.053	106	338484	36.533	ug/l		98
68) o-Xylene	12.376	106	165907	18.298	ug/l		99
69) Styrene	12.394	104	272287	17.557	ug/l		99
70) Isopropylbenzene	12.676	105	419334	18.009	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.918	83	150519	18.958	ug/l		98
72) 1,2,3-Trichloropropane	12.976	75	129701m	17.959	ug/l		
73) Bromobenzene	12.959	156	97430	18.009	ug/l		98
74) n-propylbenzene	13.018	91	529758	18.427	ug/l		99
75) 2-Chlorotoluene	13.106	91	304751	17.862	ug/l		100
76) 1,3,5-Trimethylbenzene	13.153	105	354584	18.382	ug/l		97
77) t-1,4-Dichloro-2-butene	12.718	75	51754	16.888	ug/l		95
78) 4-Chlorotoluene	13.200	91	311288	17.768	ug/l		99
79) tert-butylbenzene	13.417	119	305198	18.314	ug/l		100
80) 1,2,4-Trimethylbenzene	13.465	105	348541	18.209	ug/l		99
81) sec-Butylbenzene	13.594	105	457951	18.501	ug/l		99
82) p-Isopropyltoluene	13.706	119	374764	18.653	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	189259	18.485	ug/l		98
84) 1,4-Dichlorobenzene	13.794	146	189537	17.703	ug/l		98
85) n-Butylbenzene	14.035	91	377205	18.642	ug/l		99
86) Hexachloroethane	14.312	117	74347	18.220	ug/l		95
87) 1,2-Dichlorobenzene	14.088	146	179575	18.043	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	32966	17.989	ug/l		97
89) 1,2,4-Trichlorobenzene	15.817	180	111169	18.313	ug/l		100
90) Hexachlorobutadiene	15.476	225	43477	18.811	ug/l		99
91) Naphthalene	15.617	128	425912	18.564	ug/l		99
92) 1,2,3-Trichlorobenzene	15.817	180	111169	18.313	ug/l		100

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

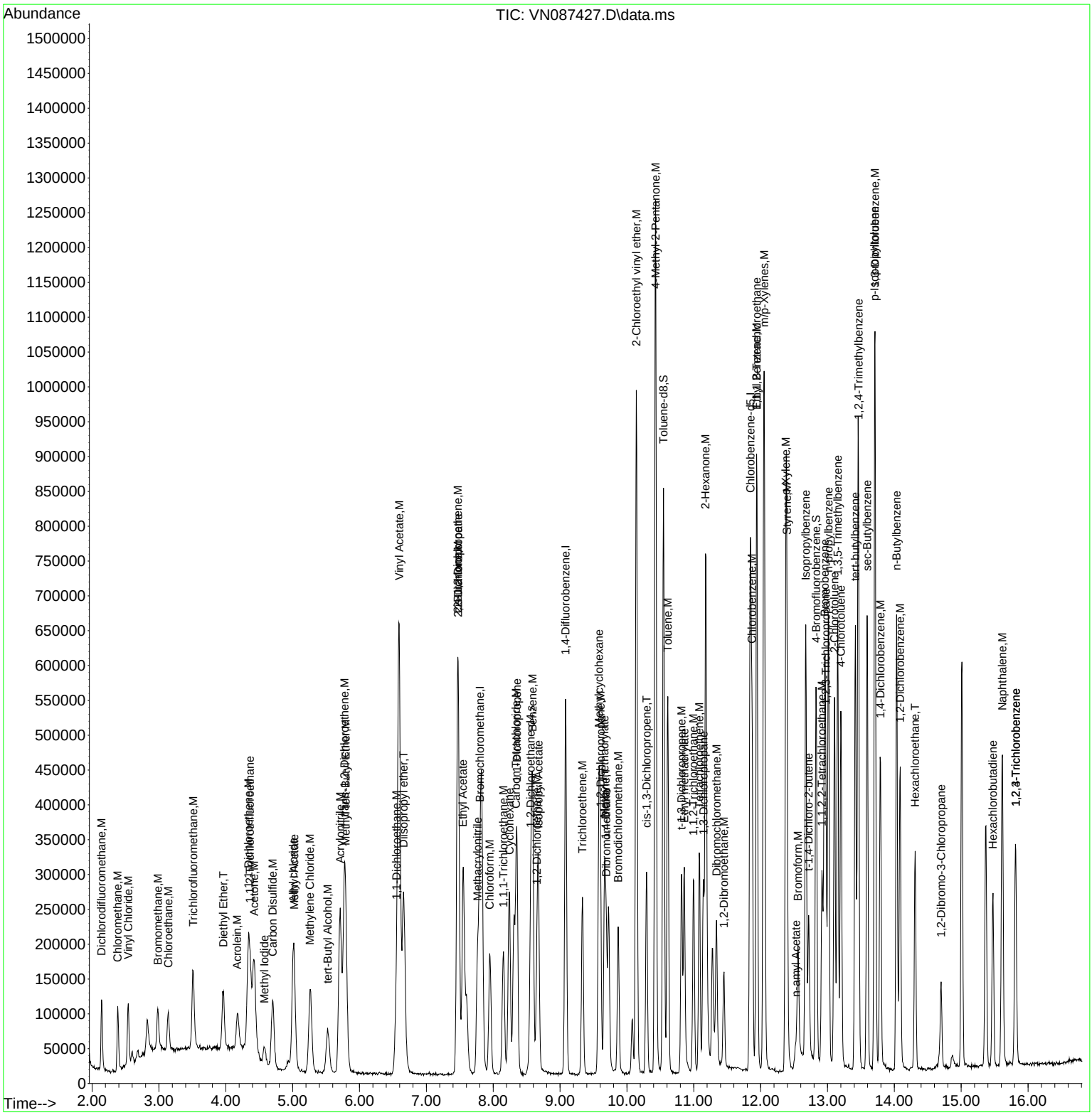
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087427.D
Acq On : 28 Jul 2025 13:01
Operator : JC\MD
Sample : VN0728WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 28 13:26:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



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

Manual Integration Report

Sequence:	VN072825	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN087419.D	1,2,3-Trichloropropane	JOHN	7/28/2025 2:56:18 PM	MMDadoda	7/29/2025 12:09:33 PM	Peak Integrated by Software
VSTDICC005	VN087419.D	Acrolein	JOHN	7/28/2025 2:56:18 PM	MMDadoda	7/29/2025 12:09:33 PM	Peak Integrated by Software
VSTDICC005	VN087419.D	Methylene Chloride	JOHN	7/28/2025 2:56:18 PM	MMDadoda	7/29/2025 12:09:33 PM	Peak Integrated by Software
VSTDICC005	VN087419.D	tert-Butyl Alcohol	JOHN	7/28/2025 2:56:18 PM	MMDadoda	7/29/2025 12:09:33 PM	Peak Integrated by Software
VSTDICC005	VN087419.D	trans-1,2-Dichloroethene	JOHN	7/28/2025 2:56:18 PM	MMDadoda	7/29/2025 12:09:33 PM	Peak Integrated by Software
VSTDICCC020	VN087420.D	1,2,3-Trichloropropane	JOHN	7/28/2025 2:56:23 PM	MMDadoda	7/29/2025 12:09:34 PM	Peak Integrated by Software
VSTDICCC020	VN087420.D	1,2-Dichloroethane	JOHN	7/28/2025 2:56:23 PM	MMDadoda	7/29/2025 12:09:34 PM	Peak Integrated by Software
VSTDICCC020	VN087420.D	Chloroethane	JOHN	7/28/2025 2:56:23 PM	MMDadoda	7/29/2025 12:09:34 PM	Peak Integrated by Software
VSTDICCC020	VN087420.D	Ethyl Acetate	JOHN	7/28/2025 2:56:23 PM	MMDadoda	7/29/2025 12:09:34 PM	Peak Integrated by Software
VSTDICCC020	VN087420.D	Methylene Chloride	JOHN	7/28/2025 2:56:23 PM	MMDadoda	7/29/2025 12:09:34 PM	Peak Integrated by Software
VSTDICC050	VN087421.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:00 PM	MMDadoda	7/29/2025 12:09:36 PM	Peak Integrated by Software
VSTDICC050	VN087421.D	Chloroethane	JOHN	7/28/2025 3:03:00 PM	MMDadoda	7/29/2025 12:09:36 PM	Peak Integrated by Software
VSTDICC050	VN087421.D	Ethyl Acetate	JOHN	7/28/2025 3:03:00 PM	MMDadoda	7/29/2025 12:09:36 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN072825	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087422.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:04 PM	MMDadoda	7/29/2025 12:09:38 PM	Peak Integrated by Software
VSTDICC150	VN087423.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:11 PM	MMDadoda	7/29/2025 12:09:40 PM	Peak Integrated by Software
VSTDICC150	VN087423.D	Ethyl Acetate	JOHN	7/28/2025 3:03:11 PM	MMDadoda	7/29/2025 12:09:40 PM	Peak Integrated by Software
VSTDICV020	VN087425.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:15 PM	MMDadoda	7/29/2025 12:09:42 PM	Peak Integrated by Software
VSTDICV020	VN087425.D	Methyl Iodide	JOHN	7/28/2025 3:03:15 PM	MMDadoda	7/29/2025 12:09:42 PM	Peak Integrated by Software
VSTDICV020	VN087425.D	n-amyl Acetate	JOHN	7/28/2025 3:03:15 PM	MMDadoda	7/29/2025 12:09:42 PM	Peak Integrated by Software
VN0728WBS01	VN087426.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:20 PM	MMDadoda	7/29/2025 12:09:44 PM	Peak Integrated by Software
VN0728WBS01	VN087426.D	n-amyl Acetate	JOHN	7/28/2025 3:03:20 PM	MMDadoda	7/29/2025 12:09:44 PM	Peak Integrated by Software
VN0728WBSD01	VN087427.D	1,2,3-Trichloropropane	JOHN	7/29/2025 8:36:21 AM	MMDadoda	7/29/2025 12:09:45 PM	Peak Integrated by Software
VN0728WBSD01	VN087427.D	n-amyl Acetate	JOHN	7/29/2025 8:36:21 AM	MMDadoda	7/29/2025 12:09:45 PM	Peak Integrated by Software
Q2699-01	VN087429.D	Methylene Chloride	JOHN	7/28/2025 3:03:29 PM	MMDadoda	7/29/2025 12:09:48 PM	Peak Integrated by Software
Q2699-02	VN087430.D	Methylene Chloride	JOHN	7/28/2025 3:03:34 PM	MMDadoda	7/29/2025 12:09:49 PM	Peak Integrated by Software
VSTDCCC020	VN087435.D	1,2,3-Trichloropropane	JOHN	7/29/2025 8:36:36 AM	MMDadoda	7/29/2025 12:09:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN072825	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087435.D	n-amyl Acetate	JOHN	7/29/2025 8:36:36 AM	MMDadoda	7/29/2025 12:09:55 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072825

Review By	John Carlone	Review On	7/29/2025 8:39:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/29/2025 12:10:18 PM		
SubDirectory	VN072825	HP Acquire Method		HP Processing Method	624N072825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134925
Initial Calibration Stds	VP134927,VP134928,VP134929,VP134930,VP134931
CCC	VP134926
Internal Standard/PEM	
ICV/I.BLK	VP134932
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087418.D	28 Jul 2025 08:31	JC\MD	Ok
2	VSTDICC005	VN087419.D	28 Jul 2025 09:06	JC\MD	Ok,M
3	VSTDICCC020	VN087420.D	28 Jul 2025 10:06	JC\MD	Ok,M
4	VSTDICC050	VN087421.D	28 Jul 2025 10:27	JC\MD	Ok,M
5	VSTDICC100	VN087422.D	28 Jul 2025 10:48	JC\MD	Ok,M
6	VSTDICC150	VN087423.D	28 Jul 2025 11:09	JC\MD	Ok,M
7	IBLK	VN087424.D	28 Jul 2025 11:31	JC\MD	Ok
8	VSTDICV020	VN087425.D	28 Jul 2025 11:54	JC\MD	Ok,M
9	VN0728WBS01	VN087426.D	28 Jul 2025 12:27	JC\MD	Ok,M
10	VN0728WBSD01	VN087427.D	28 Jul 2025 13:01	JC\MD	Ok,M
11	VN0728WBL01	VN087428.D	28 Jul 2025 13:22	JC\MD	Ok
12	Q2699-01	VN087429.D	28 Jul 2025 13:56	JC\MD	Dilution
13	Q2699-02	VN087430.D	28 Jul 2025 14:17	JC\MD	Ok,M
14	Q2699-01DL	VN087431.D	28 Jul 2025 14:53	JC\MD	Ok
15	IBLK	VN087432.D	28 Jul 2025 15:14	JC\MD	Ok
16	Q2683-07	VN087433.D	28 Jul 2025 15:36	JC\MD	Ok,M
17	Q2683-03	VN087434.D	28 Jul 2025 15:58	JC\MD	Ok,M
18	VSTDCCC020	VN087435.D	28 Jul 2025 16:34	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072825

Review By	John Carlone	Review On	7/29/2025 8:39:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/29/2025 12:10:18 PM		
SubDirectory	VN072825	HP Acquire Method		HP Processing Method	624N072825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134925
Initial Calibration Stds	VP134927,VP134928,VP134929,VP134930,VP134931
CCC	VP134926
Internal Standard/PEM	
ICV/I.BLK	VP134932
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087418.D	28 Jul 2025 08:31		JC\MD	Ok
2	VSTDICC005	VSTDICC005	VN087419.D	28 Jul 2025 09:06	pH#Lot#V12668	JC\MD	Ok,M
3	VSTDICCC020	VSTDICCC020	VN087420.D	28 Jul 2025 10:06		JC\MD	Ok,M
4	VSTDICC050	VSTDICC050	VN087421.D	28 Jul 2025 10:27		JC\MD	Ok,M
5	VSTDICC100	VSTDICC100	VN087422.D	28 Jul 2025 10:48		JC\MD	Ok,M
6	VSTDICC150	VSTDICC150	VN087423.D	28 Jul 2025 11:09		JC\MD	Ok,M
7	IBLK	IBLK	VN087424.D	28 Jul 2025 11:31		JC\MD	Ok
8	VSTDICV020	ICVVN072825	VN087425.D	28 Jul 2025 11:54		JC\MD	Ok,M
9	VN0728WBS01	VN0728WBS01	VN087426.D	28 Jul 2025 12:27		JC\MD	Ok,M
10	VN0728WBSD01	VN0728WBSD01	VN087427.D	28 Jul 2025 13:01		JC\MD	Ok,M
11	VN0728WBL01	VN0728WBL01	VN087428.D	28 Jul 2025 13:22		JC\MD	Ok
12	Q2699-01	001-WILLETS-PT-BLVD	VN087429.D	28 Jul 2025 13:56	vial A pH<2 Need 4X	JC\MD	Dilution
13	Q2699-02	002-35TH-AVE(JUNE)	VN087430.D	28 Jul 2025 14:17	vial A pH<2	JC\MD	Ok,M
14	Q2699-01DL	001-WILLETS-PT-BLVD	VN087431.D	28 Jul 2025 14:53	vial B pH<2	JC\MD	Ok
15	IBLK	IBLK	VN087432.D	28 Jul 2025 15:14		JC\MD	Ok
16	Q2683-07	DSN003	VN087433.D	28 Jul 2025 15:36	vial B pH#6.0	JC\MD	Ok,M
17	Q2683-03	DSN001	VN087434.D	28 Jul 2025 15:58	vial B pH#6.0	JC\MD	Ok,M
18	VSTDCCC020	VSTDCCC020EC	VN087435.D	28 Jul 2025 16:34		JC\MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072825

Review By	John Carlone	Review On	7/29/2025 8:39:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/29/2025 12:10:18 PM		
SubDirectory	VN072825	HP Acquire Method		HP Processing Method	624N072825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134925
Initial Calibration Stds	VP134927,VP134928,VP134929,VP134930,VP134931
CCC	VP134926
Internal Standard/PEM	
ICV/I.BLK	VP134932
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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: Q2699

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 #: 222113 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (June)	W		X	7/24/25	11:30		X	X	X							
2.	002 35th Ave (June)	W		X	7/24/25	11:30		X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY	DATE/TIME	RECEIVED BY
1. D Devoe SAMPLER	July 24, 2025	1.
2.	DATE/TIME 7/25/25	2.
3.	DATE/TIME	3. RECEIVED FOR LAB BY

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 11.6°C
☐ Ice in Cooler?: NO
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:
IR. Gun #1

Page_____of_____

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2699 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 7/25/2025 12:02:00 PM
Project Name : Transfer Station-SPDES
Receive DateTime : 7/25/2025 9:50:00 AM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2699-01	001-WILLETS-PT-BLVD(JUNE)	Water	07/24/2025	11:30					
					VOC-BTEX		624.1		1 Bus. Day
Q2699-02	002-35TH-AVE(JUNE)	Water	07/24/2025	11:30					
					VOC-BTEX		624.1		1 Bus. Day

Relinguished By : CP
Date / Time : 7/25/25 1230

Received By : Sam
Date / Time : 07/25/25 12:30

Storage Area : **VOA Refridgerator Room**