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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LAB CHRONICLE

OrderID:	Q3760	**OrderDate:**	12/3/2025 10:53:00 AM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3760-01	**001 Willets Pt Blvd (Dec)**	**Water**			**12/02/25**			**12/03/25**
			VOC-BTEX	624.1			12/05/25	
Q3760-02	**002 35th Ave (Dec)**	**Water**			**12/02/25**			**12/03/25**
			VOC-BTEX	624.1			12/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3760

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001 Willets Pt Blvd (Dec)**							
Q3760-01	001 Willets Pt Blvd	Water	Toluene	28.1		0.46	5.00	ug/L
			Total Voc :	28.1				
			Total Concentration:	28.1				
Client ID:	**002 35th Ave (Dec)**							
Q3760-02	002 35th Ave (Dec)	Water	Toluene	21.9		0.46	5.00	ug/L
			Total Voc :	21.9				
			Total Concentration:	21.9				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3760

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3760-01	001 Willets Pt Blvd (Dec)	1,2-Dichloroethane-d4	30	31.4	105		91	110
		Toluene-d8	30	30.2	101		91	112
		4-Bromofluorobenzene	30	25.7	86		63	112
Q3760-02	002 35th Ave (Dec)	1,2-Dichloroethane-d4	30	31.4	105		91	110
		Toluene-d8	30	30.0	100		91	112
		4-Bromofluorobenzene	30	26.1	87		63	112
VN1205WBL01	VN1205WBL01	1,2-Dichloroethane-d4	30	33.0	110		91	110
		Toluene-d8	30	29.7	99		91	112
		4-Bromofluorobenzene	30	26.4	88		63	112
VN1205WBS01	VN1205WBS01	1,2-Dichloroethane-d4	30	31.1	104		91	110
		Toluene-d8	30	31.0	103		91	112
		4-Bromofluorobenzene	30	29.7	99		63	112
VN1205WBSD0	VN1205WBSD01	1,2-Dichloroethane-d4	30	31.6	105		91	110
		Toluene-d8	30	31.5	105		91	112
		4-Bromofluorobenzene	30	30.4	101		63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3760 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN088464.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1205WBS01	Benzene	20	20.6	ug/L	103			65	135	
	Toluene	20	19.9	ug/L	100			70	130	
	Ethyl Benzene	20	18.8	ug/L	94			60	140	
	m/p-Xylenes	40	38.2	ug/L	96			87	111	
	o-Xylene	20	18.9	ug/L	95			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3760 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN088465.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1205WBSD01	Benzene	20	21.5	ug/L	108	5		65	135	20
	Toluene	20	21.7	ug/L	109	9		70	130	20
	Ethyl Benzene	20	20.6	ug/L	103	9		60	140	20
	m/p-Xylenes	40	41.4	ug/L	104	8		87	111	20
	o-Xylene	20	20.8	ug/L	104	9		87	111	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1205WBL01

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q3760

Lab File ID: VN088466.D | Lab Sample ID: VN1205WBL01

Date Analyzed: 12/05/2025 | Time Analyzed: 10:26

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

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1205WBS01	VN1205WBS01	VN088464.D	12/05/2025
VN1205WBSD01	VN1205WBSD01	VN088465.D	12/05/2025
001 Willets Pt Blvd (Dec)	Q3760-01	VN088467.D	12/05/2025
002 35th Ave (Dec)	Q3760-02	VN088468.D	12/05/2025

COMMENTS:

Raw Data: **VN088273.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TULL01
Lab Code: ACE
SDG NO.: Q3760
Lab File ID: VN088273.D
BFB Injection Date: 11/13/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:08
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	24.2
75	30.0 - 60.0% of mass 95	57.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.3 (96.7) 1
177	5.0 - 9.0% of mass 176	4.3 (6.5) 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	VN088274.D	11/13/2025	10:14
VSTDICCC020	VSTDICCC020	VN088275.D	11/13/2025	10:47
VSTDICC050	VSTDICC050	VN088276.D	11/13/2025	11:08
VSTDICC100	VSTDICC100	VN088277.D	11/13/2025	11:29
VSTDICC150	VSTDICC150	VN088278.D	11/13/2025	11:50

Raw Data: **VN088462.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q3760

Lab File ID: VN088462.D | BFB Injection Date: 12/05/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:16

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	22.4
75	30.0 - 60.0% of mass 95	59.6
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	67.1
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.1 (98.6) 1
177	5.0 - 9.0% of mass 176	3.9 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC020	VSTDCCC020	VN088463.D	12/05/2025	08:56
VN1205WBS01	VN1205WBS01	VN088464.D	12/05/2025	09:33
VN1205WBSD01	VN1205WBSD01	VN088465.D	12/05/2025	10:06
VN1205WBL01	VN1205WBL01	VN088466.D	12/05/2025	10:26
001 Willets Pt Blvd (Dec)	Q3760-01	VN088467.D	12/05/2025	10:59
002 35th Ave (Dec)	Q3760-02	VN088468.D	12/05/2025	11:20

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q3760

Lab File ID: VN088463.D Date Analyzed: 12/05/2025

Instrument ID: MSVOA_N Time Analyzed: 08:56

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	59227	7.79	320011	9.08	286792	11.84
UPPER LIMIT	118454	8.288	640022	9.577	573584	12.341
LOWER LIMIT	29613.5	7.288	160006	8.577	143396	11.341
EPA SAMPLE NO.						
001 Willets Pt Blvd (Dec)	39477	7.79	181676	9.08	165639	11.84
002 35th Ave (Dec)	47619	7.79	225907	9.08	204147	11.84
VN1205WBL01	52610	7.79	265051	9.08	235330	11.84
VN1205WBS01	55054	7.79	271017	9.08	253115	11.84
VN1205WBSD01	58378	7.79	295792	9.08	269874	11.84

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.: Q3760

Lab File ID: VN088463.D Date Analyzed: 12/05/2025

Instrument ID: MSVOA_N Time Analyzed: 08:56

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 (Dec)	0	0.00				
002 35th Ave (Dec)	0	0.00				
VN1205WBL01	0	0.00				
VN1205WBS01	0	0.00				
VN1205WBSD01	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: **VN088467.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:	12/02/25
Project:	Transfer Station-SPDES	Date Received:	12/03/25
Client Sample ID:	001 Willets Pt Blvd (Dec)	SDG No.:	Q3760
Lab Sample ID:	Q3760-01	Matrix:	Water
Analytical Method:	E624.1 Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.45	U	1	0.45	5.00	ug/L	12/05/25 10:59	VN120525
108-88-3	Toluene	28.1		1	0.46	5.00	ug/L	12/05/25 10:59	VN120525
100-41-4	Ethyl Benzene	0.56	U	1	0.56	5.00	ug/L	12/05/25 10:59	VN120525
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.0	ug/L	12/05/25 10:59	VN120525
95-47-6	o-Xylene	0.67	U	1	0.67	5.00	ug/L	12/05/25 10:59	VN120525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	31.4			91 - 110	105%	SPK: 30		
2037-26-5	Toluene-d8	30.2			91 - 112	101%	SPK: 30		
460-00-4	4-Bromofluorobenzene	25.7			63 - 112	86%	SPK: 30		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	39500							
540-36-3	1,4-Difluorobenzene	182000							
3114-55-4	Chlorobenzene-d5	166000							

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\VN120525\
Data File : VN088467.D
Acq On : 05 Dec 2025 10:59
Operator : JC\MD
Sample : Q3760-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 05 23:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

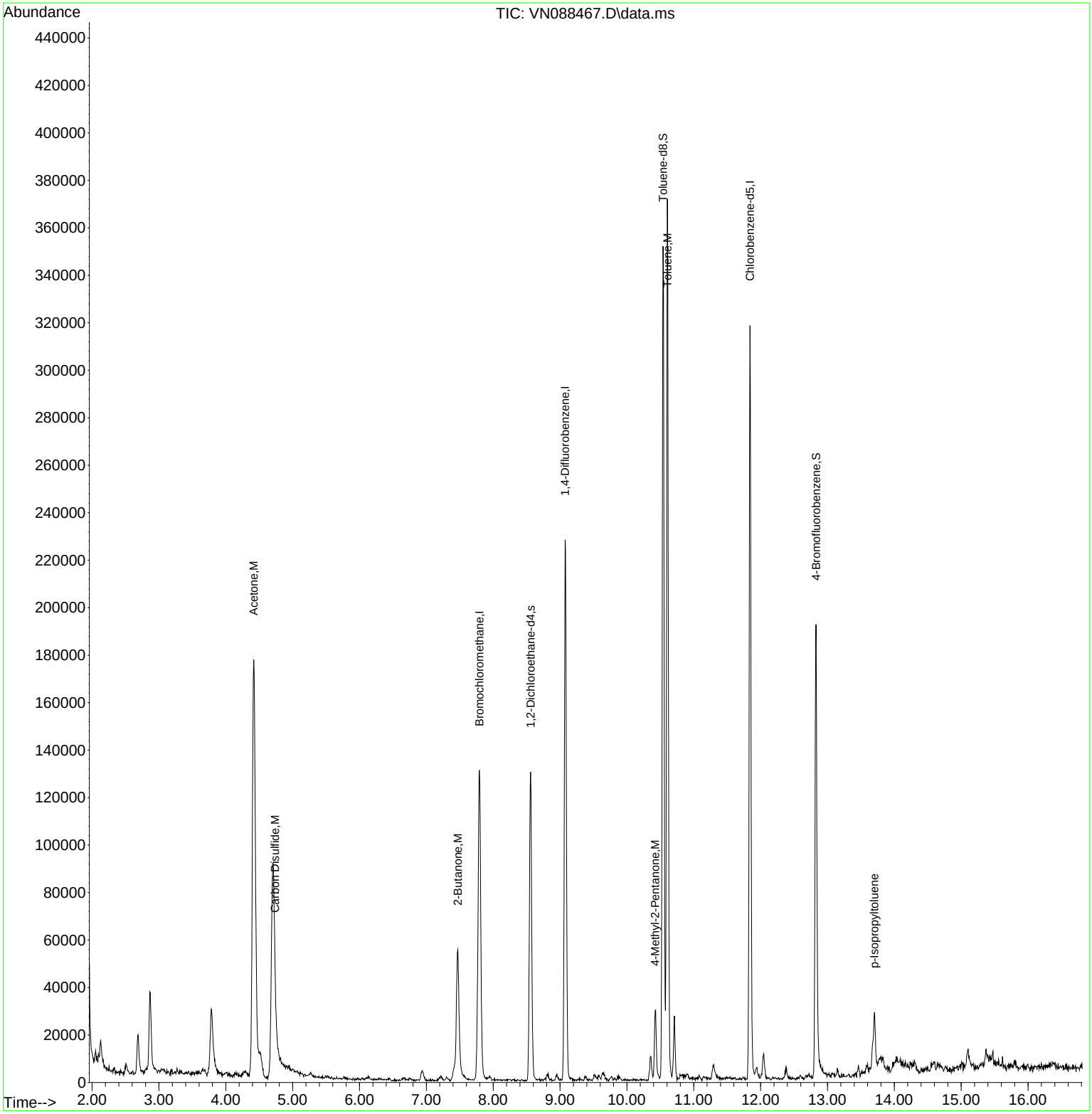
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	39477	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.076	114	181676	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	165639	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	113370	31.439	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.800%			
60) 4-Bromofluorobenzene	12.829	95	71876	25.670	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 85.567%			
63) Toluene-d8	10.541	98	236619	30.173	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.567%			
Target Compounds						Qvalue
15) Acetone	4.418	58	102370	219.978	ug/l	91
16) Carbon Disulfide	4.735	76	33362	4.557	ug/l	97
30) 2-Butanone	7.471	43	96965	49.450	ug/l #	95
58) 4-Methyl-2-Pentanone	10.423	43	23369	6.238	ug/l	95
62) Toluene	10.606	91	266923	28.081	ug/l	98
82) p-Isopropyltoluene	13.700	119	11419	1.346	ug/l	95

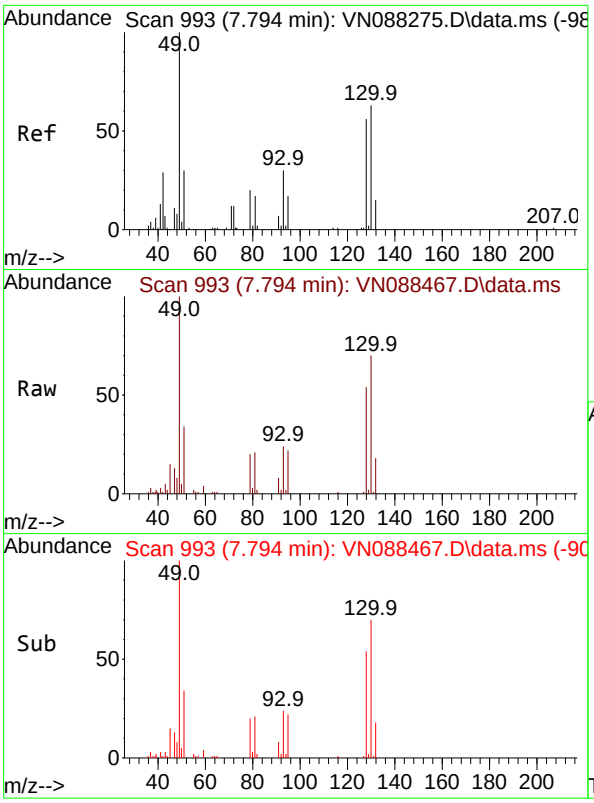
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088467.D
Acq On : 05 Dec 2025 10:59
Operator : JC\MD
Sample : Q3760-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 05 23:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration



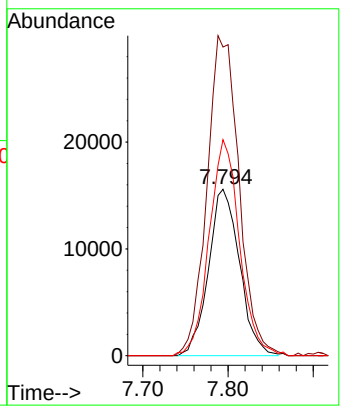


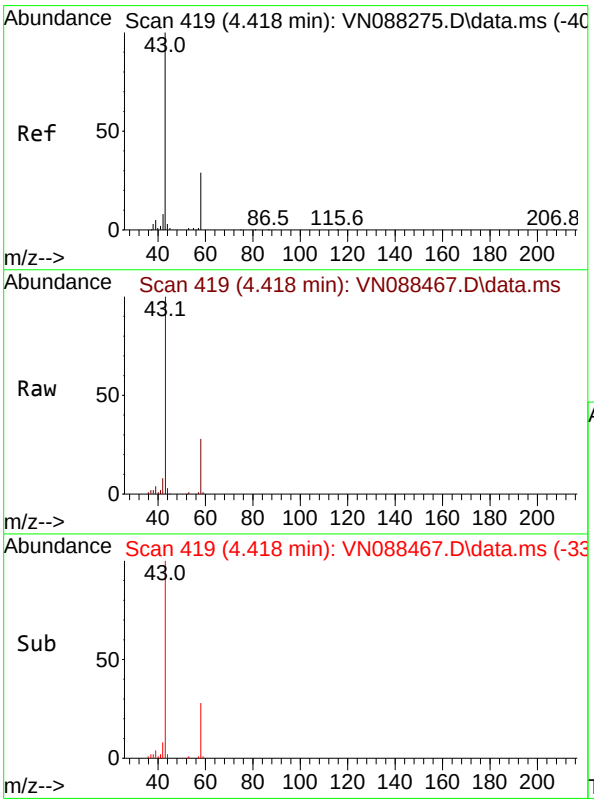
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

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

Tgt Ion:128 Resp: 39477

Ion	Ratio	Lower	Upper
128	100		
49	198.6	0.0	501.2
130	127.3	0.0	320.2

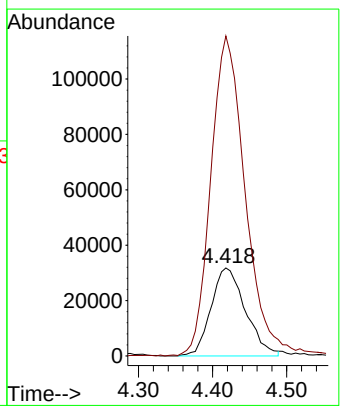


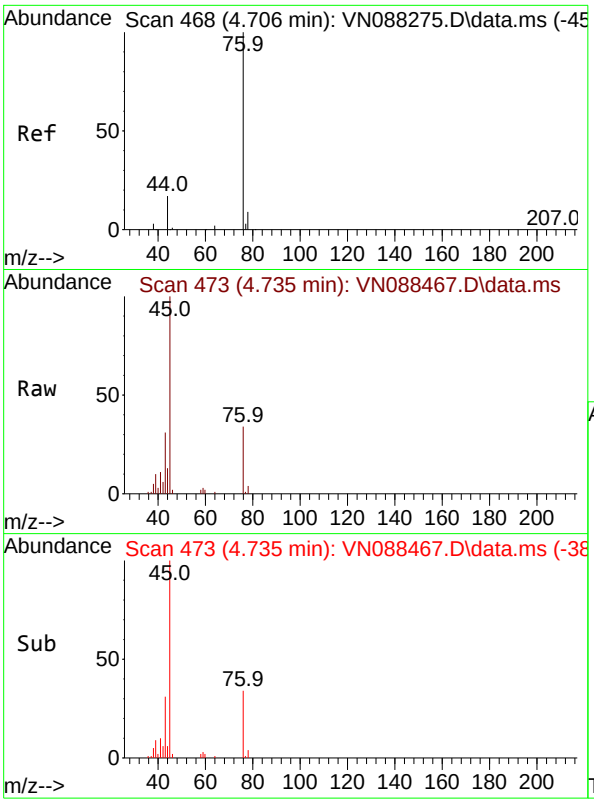


#15
Acetone
Concen: 219.978 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 58 Resp: 102370

Ion	Ratio	Lower	Upper
58	100		
43	362.7	273.9	410.9



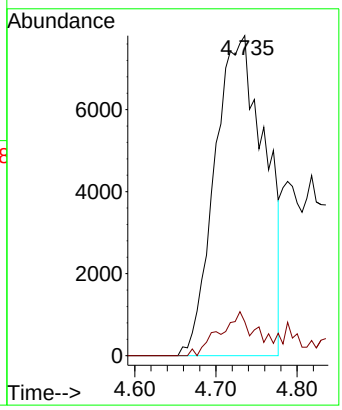


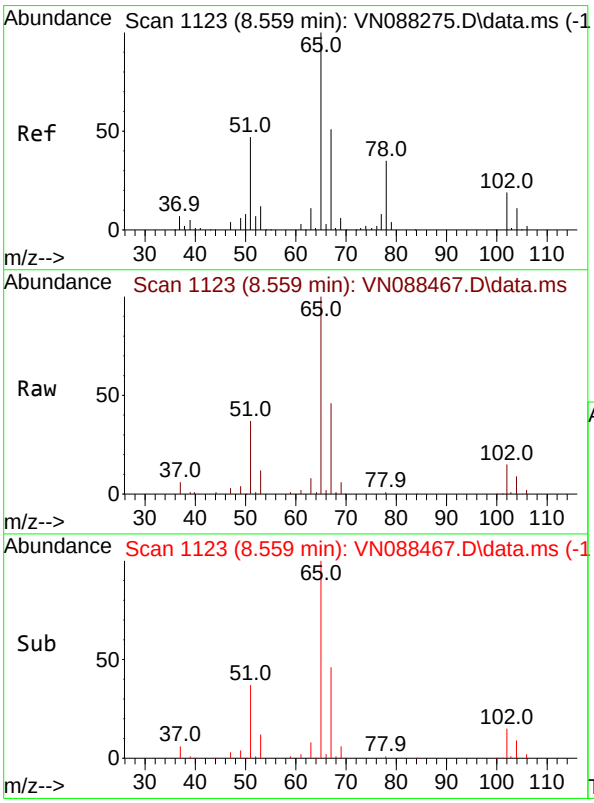
#16
Carbon Disulfide
Concen: 4.557 ug/l
RT: 4.735 min Scan# 4
Delta R.T. 0.029 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

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

Tgt Ion: 76 Resp: 33362

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.5	11.3

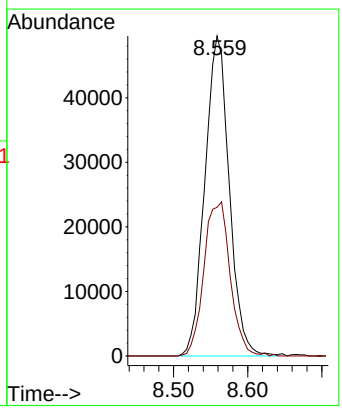


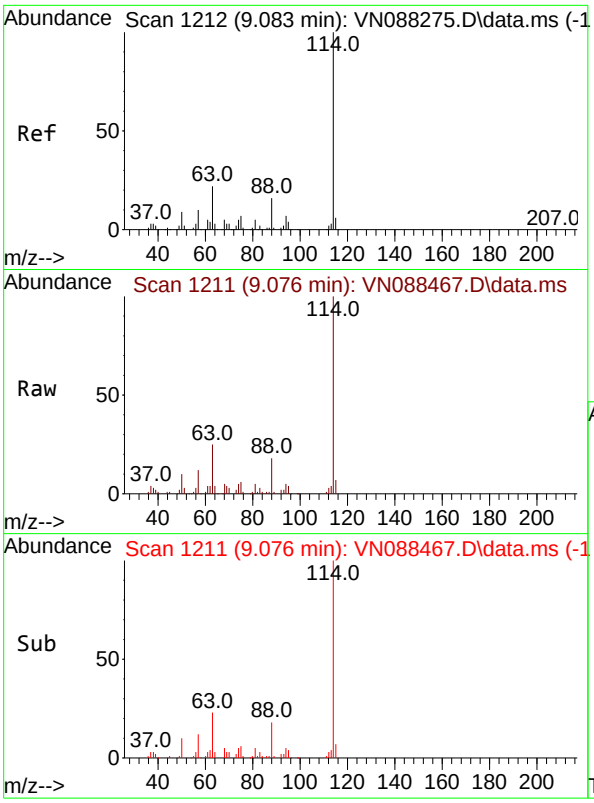


#27
1,2-Dichloroethane-d4
Concen: 31.439 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 65 Resp: 113370

Ion	Ratio	Lower	Upper
65	100		
67	51.6	40.2	60.2



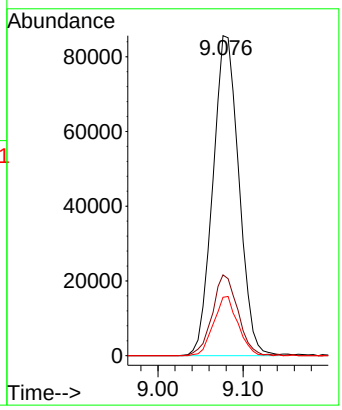


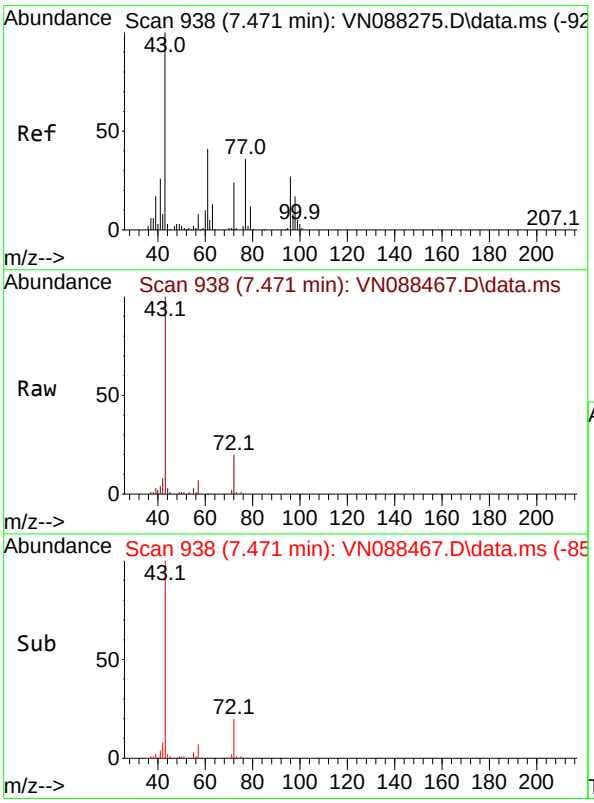
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

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

Tgt Ion:114 Resp: 181676

Ion	Ratio	Lower	Upper
114	100		
63	24.8	18.9	28.3
88	17.2	12.8	19.2

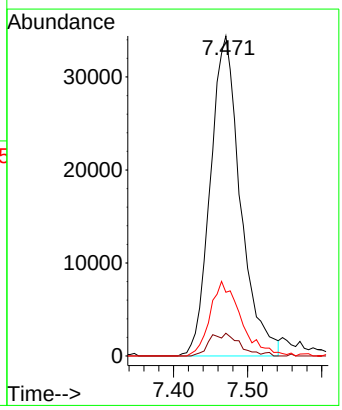


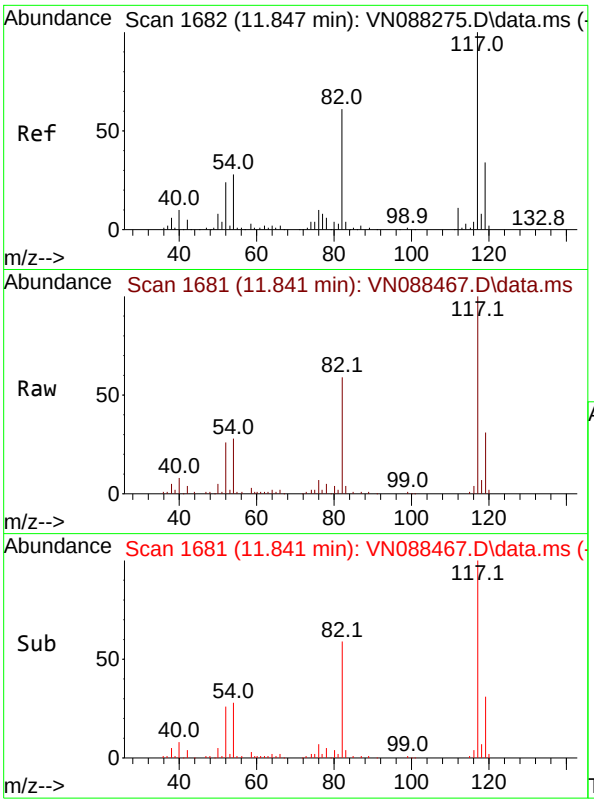


#30
2-Butanone
Concen: 49.450 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 43 Resp: 96965

Ion	Ratio	Lower	Upper
43	100		
57	3.7	6.2	9.4#
72	23.1	19.4	29.2



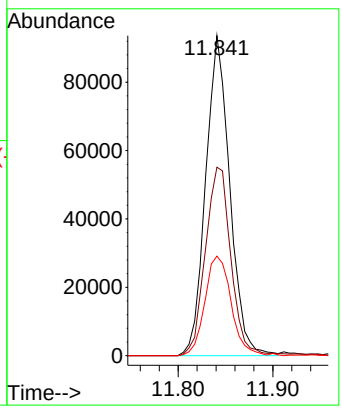


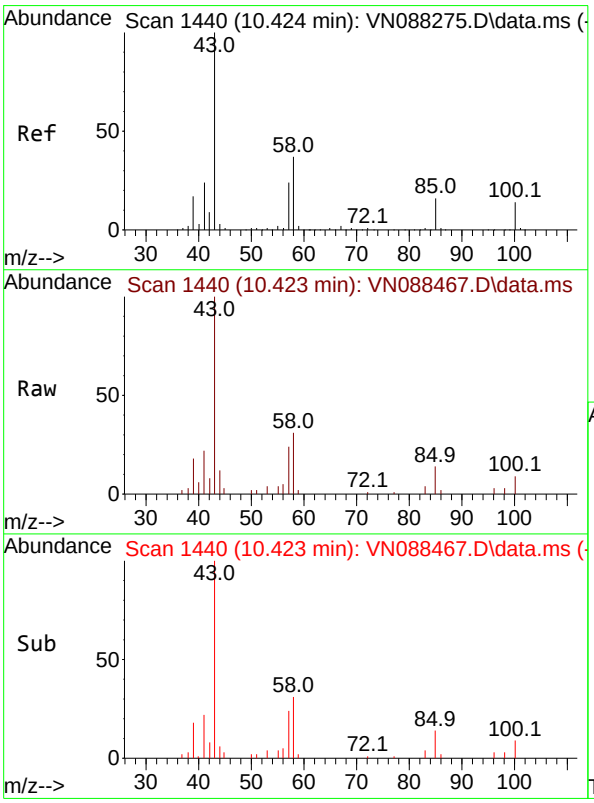
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

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

Tgt Ion:117 Resp: 165639

Ion	Ratio	Lower	Upper
117	100		
82	62.7	49.3	73.9
119	33.8	26.4	39.6

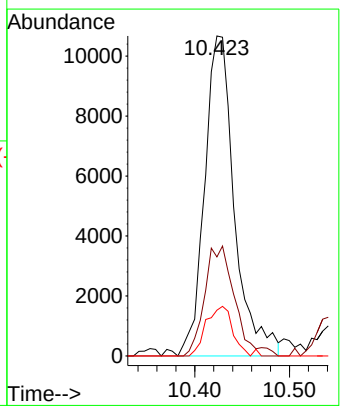


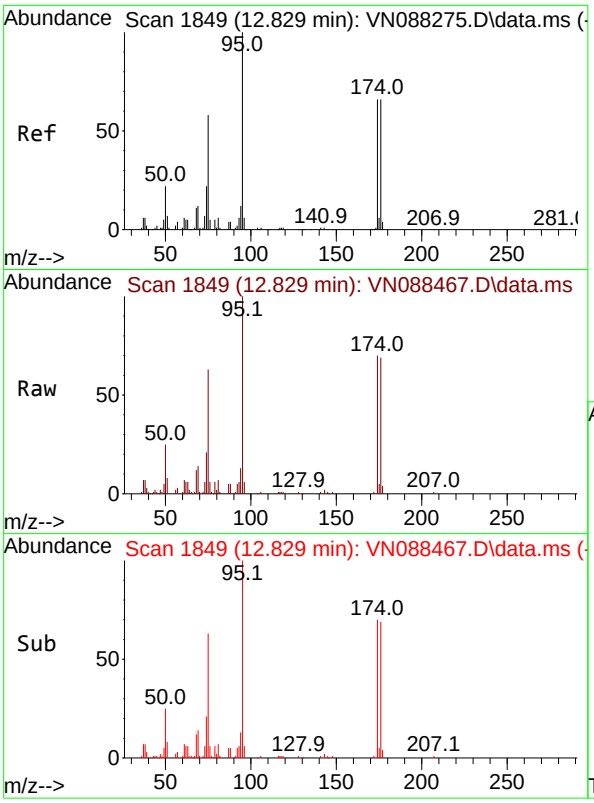


#58
4-Methyl-2-Pentanone
Concen: 6.238 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 43 Resp: 23369

Ion	Ratio	Lower	Upper
43	100		
58	33.6	29.2	43.8
85	13.7	12.6	19.0



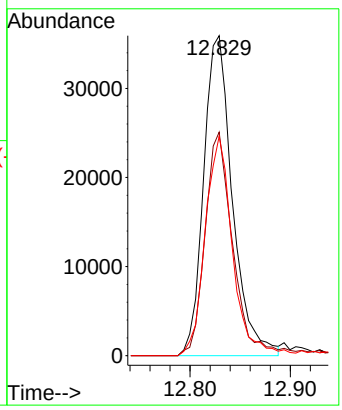


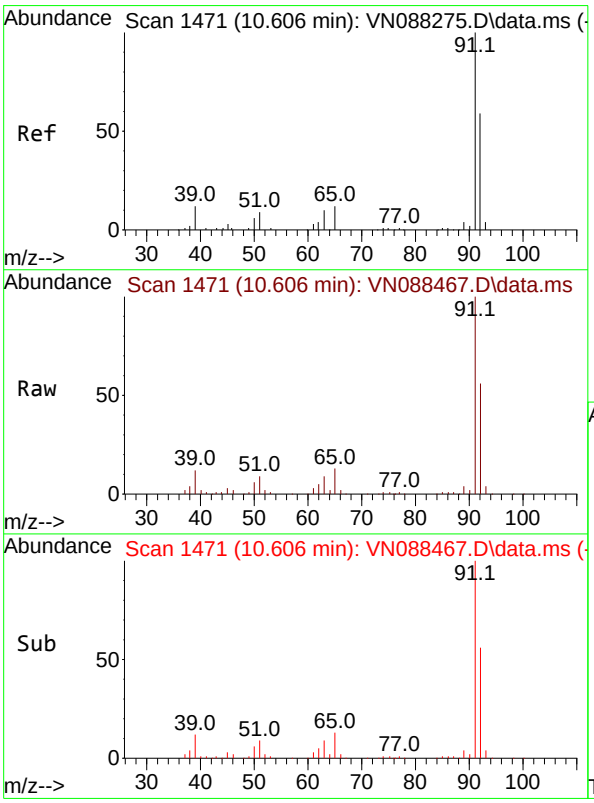
#60
4-Bromofluorobenzene
Concen: 25.670 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

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

Tgt Ion: 95 Resp: 71876

Ion	Ratio	Lower	Upper
95	100		
174	67.2	54.5	81.7
176	65.2	53.8	80.6

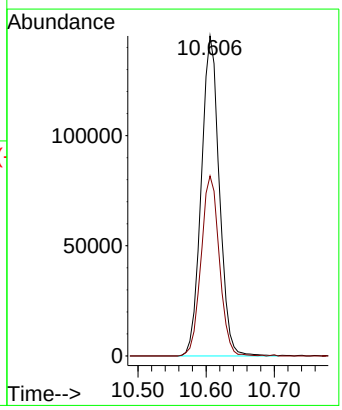


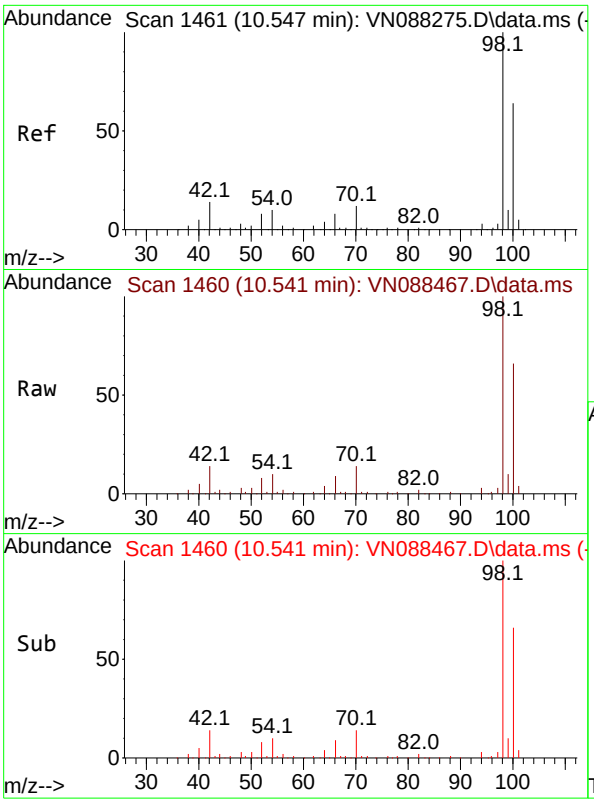


#62
Toluene
Concen: 28.081 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 91 Resp: 266923

Ion	Ratio	Lower	Upper
91	100		
92	56.6	46.7	70.1



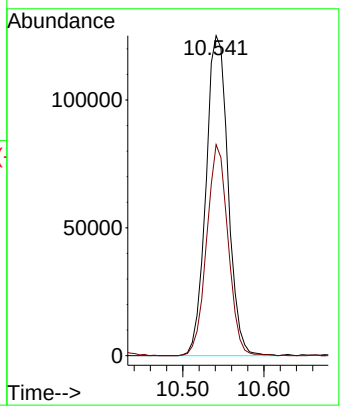


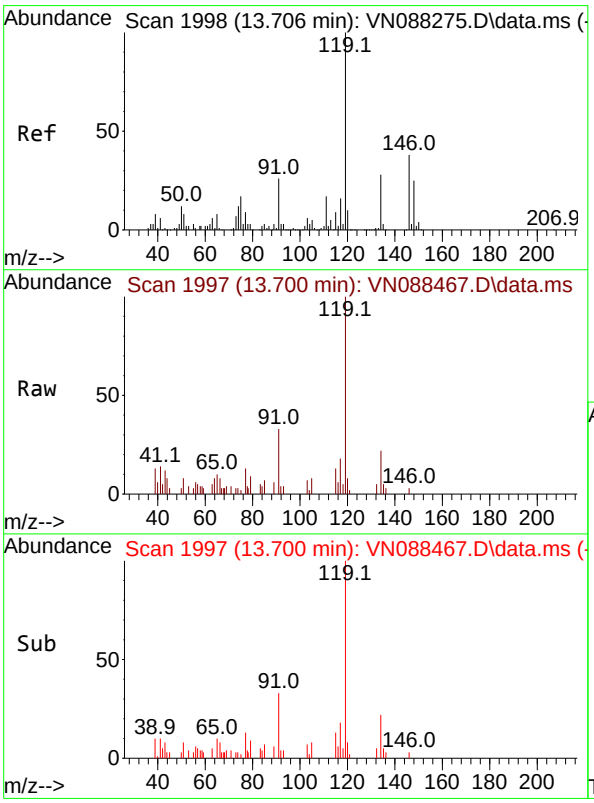
#63
Toluene-d8
Concen: 30.173 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

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

Tgt Ion: 98 Resp: 236619

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4

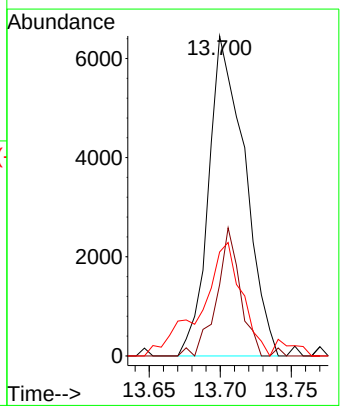




#82
p-Isopropyltoluene
Concen: 1.346 ug/l
RT: 13.700 min Scan# 1997
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion:119 Resp: 11419

Ion	Ratio	Lower	Upper
119	100		
134	25.5	0.0	51.2
91	31.3	0.0	53.4



Raw Data: **VN088468.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:	12/02/25
Project:	Transfer Station-SPDES	Date Received:	12/03/25
Client Sample ID:	002 35th Ave (Dec)	SDG No.:	Q3760
Lab Sample ID:	Q3760-02	Matrix:	Water
Analytical Method:	E624.1 Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.45	U	1	0.45	5.00	ug/L	12/05/25 11:20	VN120525
108-88-3	Toluene	21.9		1	0.46	5.00	ug/L	12/05/25 11:20	VN120525
100-41-4	Ethyl Benzene	0.56	U	1	0.56	5.00	ug/L	12/05/25 11:20	VN120525
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.0	ug/L	12/05/25 11:20	VN120525
95-47-6	o-Xylene	0.67	U	1	0.67	5.00	ug/L	12/05/25 11:20	VN120525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	31.4			91 - 110	105%	SPK: 30		
2037-26-5	Toluene-d8	30.0			91 - 112	100%	SPK: 30		
460-00-4	4-Bromofluorobenzene	26.1			63 - 112	87%	SPK: 30		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	47600							
540-36-3	1,4-Difluorobenzene	226000							
3114-55-4	Chlorobenzene-d5	204000							

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\VN120525\
Data File : VN088468.D
Acq On : 05 Dec 2025 11:20
Operator : JC\MD
Sample : Q3760-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 05 23:38:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

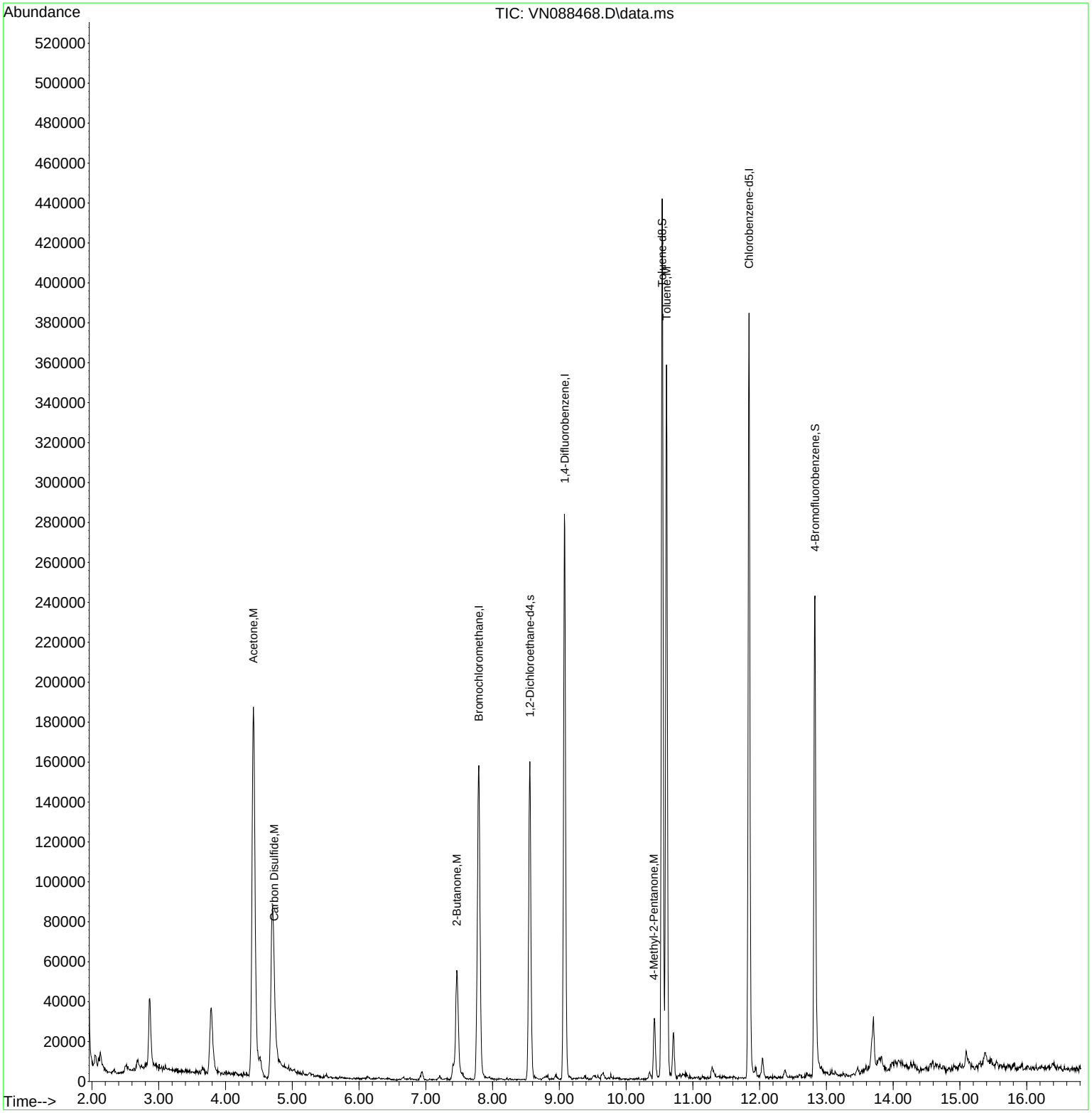
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	47619	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	225907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	204147	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	136636	31.413	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.700%			
60) 4-Bromofluorobenzene	12.829	95	90065	26.098	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.000%			
63) Toluene-d8	10.541	98	290372	30.043	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.133%			
Target Compounds						Qvalue
15) Acetone	4.418	58	106630	189.955	ug/l	95
16) Carbon Disulfide	4.730	76	24884	2.818	ug/l	97
30) 2-Butanone	7.465	43	95491	39.164	ug/l	99
58) 4-Methyl-2-Pentanone	10.418	43	24284	5.259	ug/l	96
62) Toluene	10.606	91	256407	21.887	ug/l	99

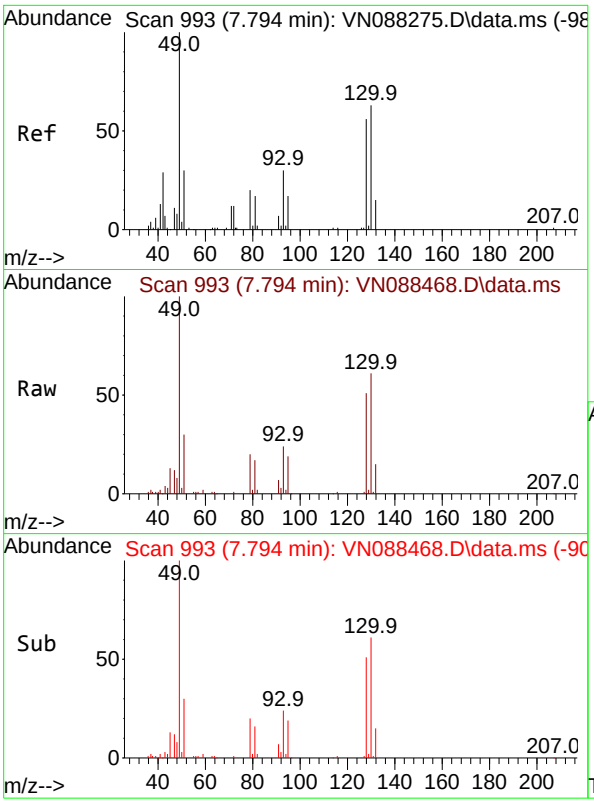
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088468.D
Acq On : 05 Dec 2025 11:20
Operator : JC\MD
Sample : Q3760-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 05 23:38:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration



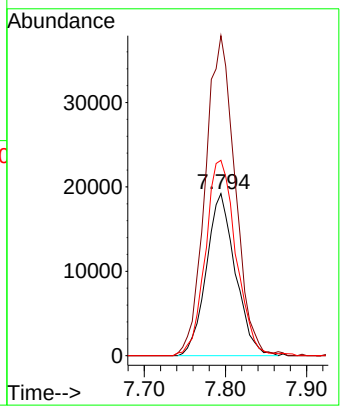


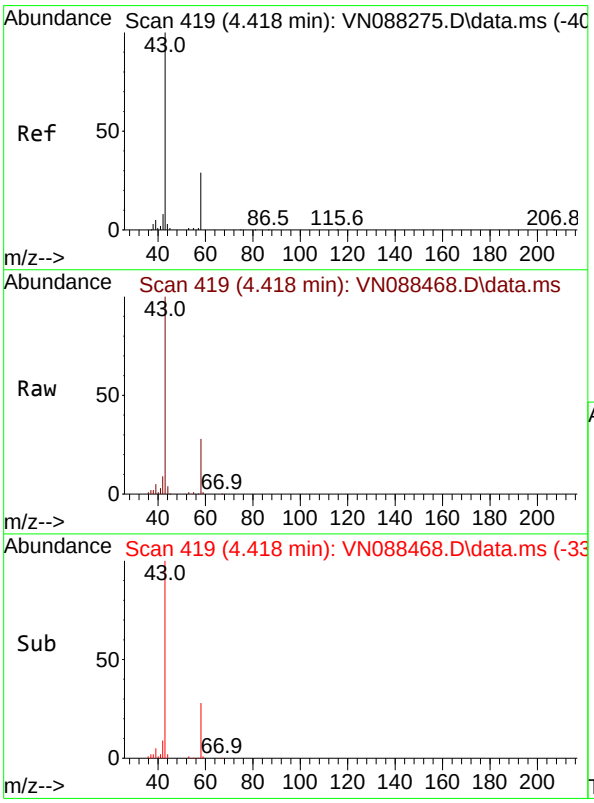
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

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

Tgt Ion:128 Resp: 47619

Ion	Ratio	Lower	Upper
128	100		
49	202.4	0.0	501.2
130	127.2	0.0	320.2

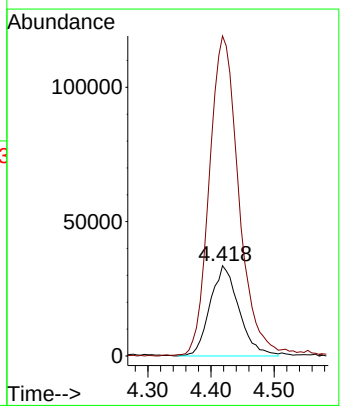


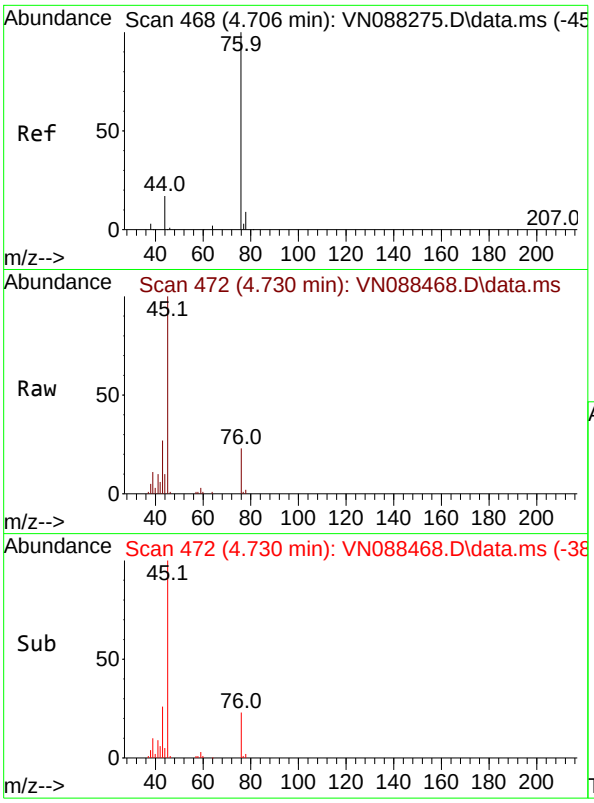


#15
Acetone
Concen: 189.955 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 58 Resp: 106630

Ion	Ratio	Lower	Upper
58	100		
43	353.2	273.9	410.9



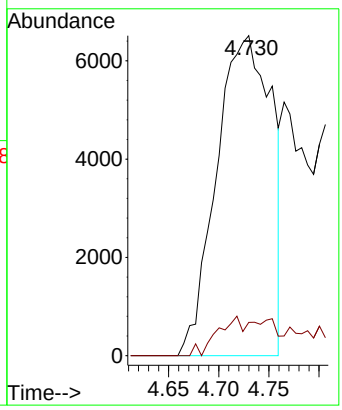


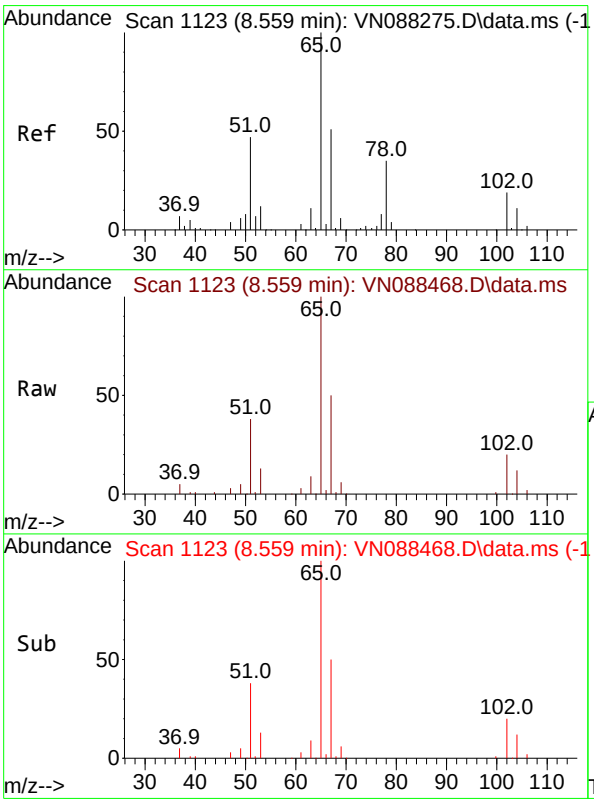
#16
Carbon Disulfide
Concen: 2.818 ug/l
RT: 4.730 min Scan# 4
Delta R.T. 0.023 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

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

Tgt Ion: 76 Resp: 24884

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.5	11.3

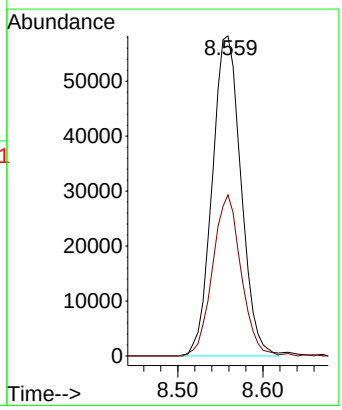


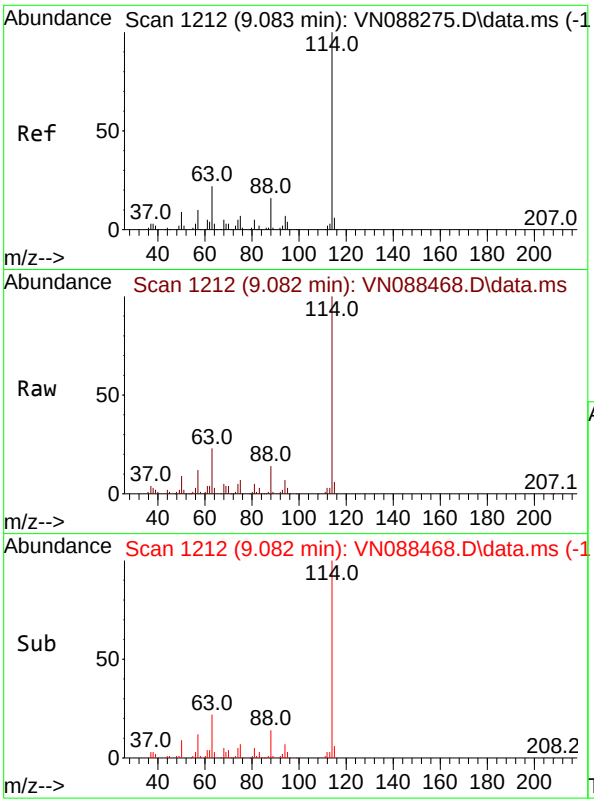


#27
1,2-Dichloroethane-d4
Concen: 31.413 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 65 Resp: 136636

Ion	Ratio	Lower	Upper
65	100		
67	49.7	40.2	60.2



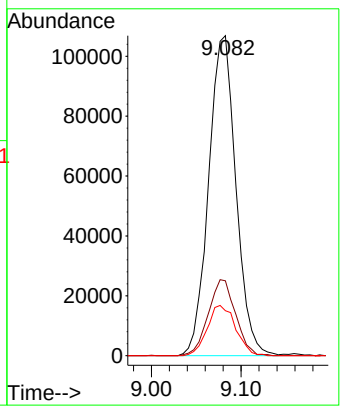


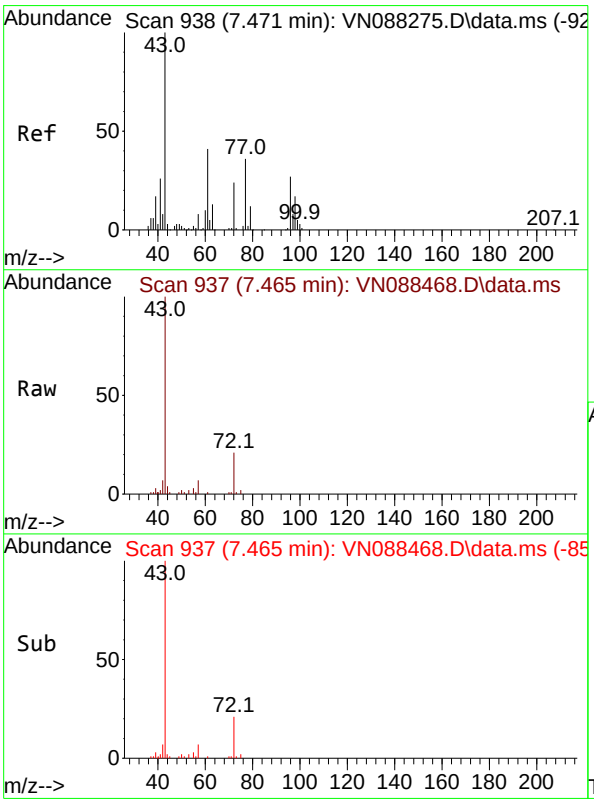
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

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

Tgt Ion:114 Resp: 225907

Ion	Ratio	Lower	Upper
114	100		
63	23.7	18.9	28.3
88	16.3	12.8	19.2

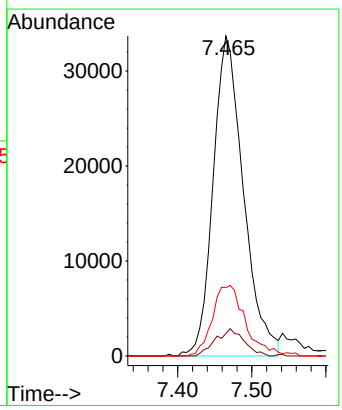


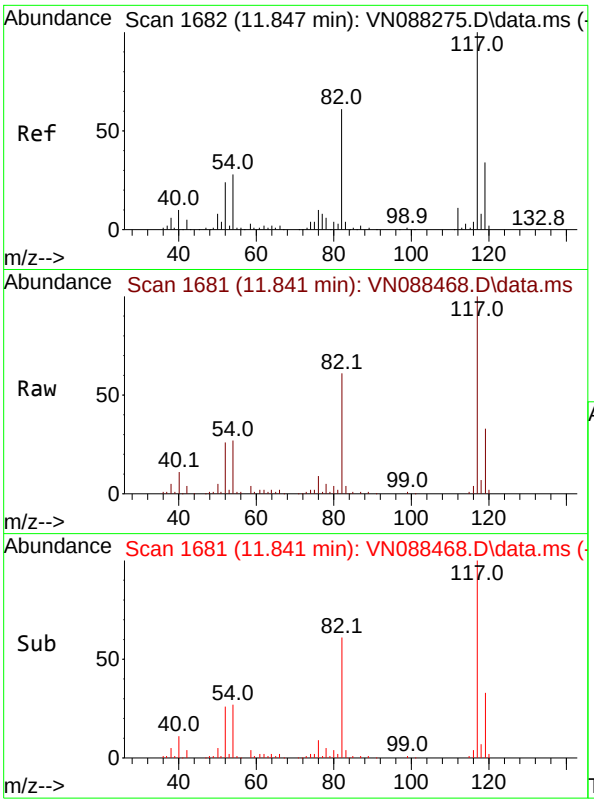


#30
2-Butanone
Concen: 39.164 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 43 Resp: 95491

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.4
72	23.9	19.4	29.2



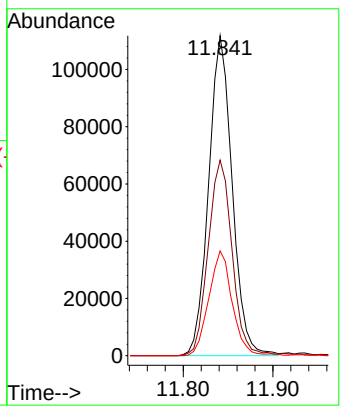


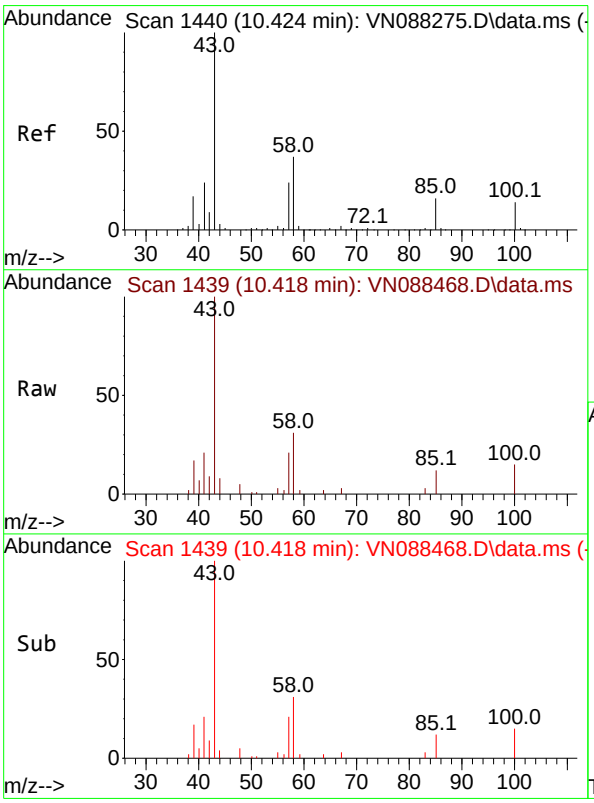
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

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

Tgt Ion:117 Resp: 204147

Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.3	73.9
119	32.3	26.4	39.6

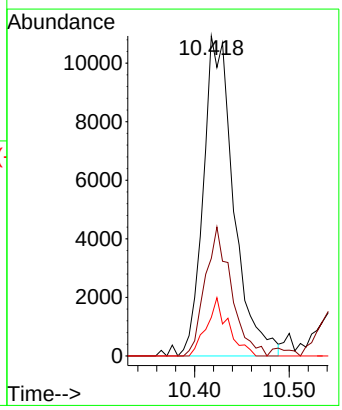


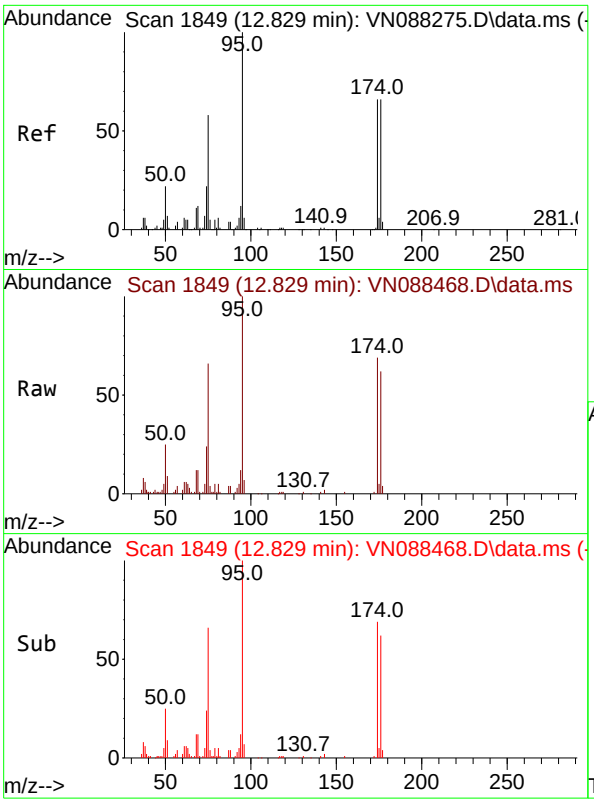


#58
4-Methyl-2-Pentanone
Concen: 5.259 ug/l
RT: 10.418 min Scan# 1439
Delta R.T. -0.006 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 43 Resp: 24284

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.2	43.8
85	13.2	12.6	19.0



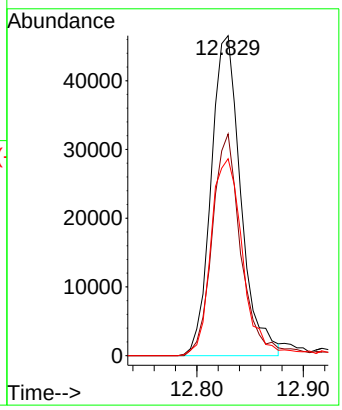


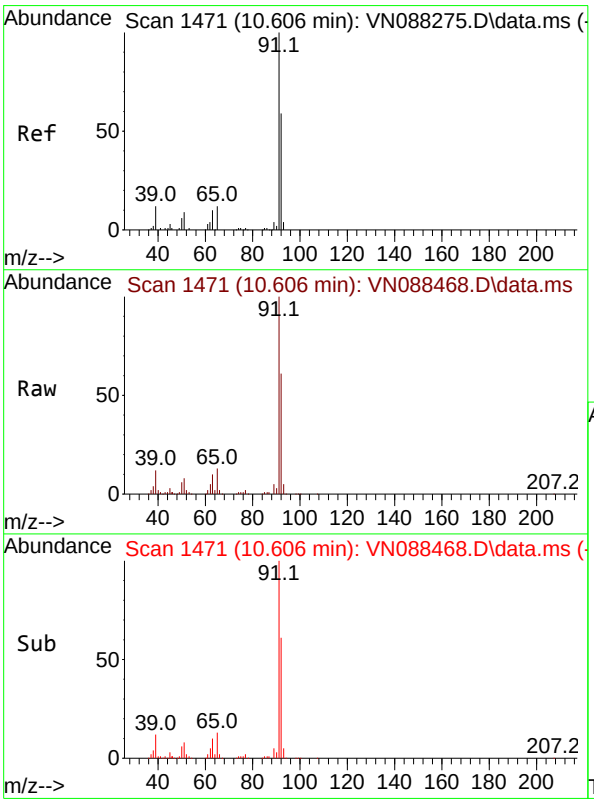
#60
4-Bromofluorobenzene
Concen: 26.098 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

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

Tgt Ion: 95 Resp: 90065

Ion	Ratio	Lower	Upper
95	100		
174	67.7	54.5	81.7
176	64.7	53.8	80.6

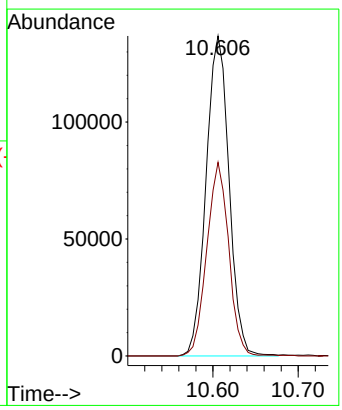


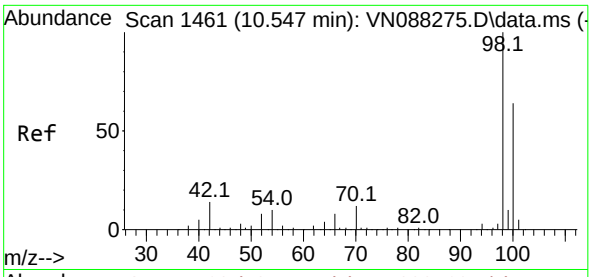


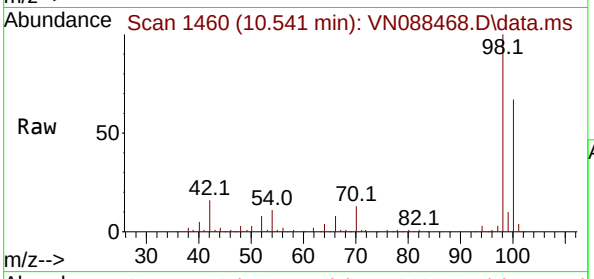
#62
Toluene
Concen: 21.887 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

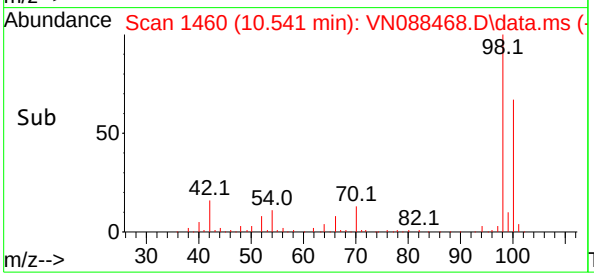
Tgt Ion: 91 Resp: 256407

Ion	Ratio	Lower	Upper
91	100		
92	57.6	46.7	70.1







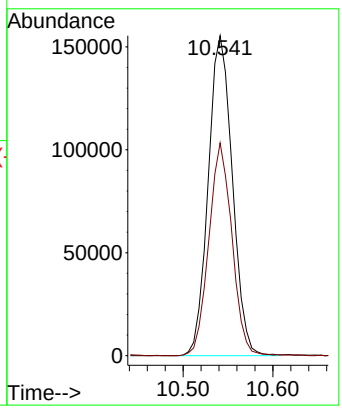


#63
Toluene-d8
Concen: 30.043 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

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

Tgt Ion: 98 Resp: 290372

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4



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.: Q3760

Instrument ID: MSVOA_N Calibration Date(s): 11/13/2025 11/13/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:14 11:50

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

LAB FILE ID: RRF005 = VN088274.D RRF020 = VN088275.D RRF050 = VN088276.D
RRF100 = VN088277.D RRF150 = VN088278.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Benzene	1.560	1.495	1.392	1.499	1.535		1.496	4.3
Toluene	1.716	1.777	1.619	1.714	1.782		1.722	3.8
Ethyl Benzene	1.763	1.927	1.813	1.933	2.052		1.897	6
m/p-Xylenes	0.660	0.723	0.687	0.718	0.760		0.710	5.4
o-Xylene	0.619	0.665	0.643	0.698	0.721		0.669	6.2
1,2-Dichloroethane-d4	2.725	2.740	2.769	2.745	2.723		2.740	0.7
Toluene-d8	1.418	1.455	1.418	1.385	1.426		1.420	1.8
4-Bromofluorobenzene	0.479	0.494	0.513	0.515	0.534		0.507	4.1

* 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 : 624N111325W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Nov 14 00:49:21 2025
Response Via : Initial Calibration

Calibration Files
5 =VN088274.D 20 =VN088275.D 50 =VN088276.D 100 =VN088277.D 150 =VN088278.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	1.540	2.366	2.176	2.015	2.447	2.109	17.06
3)	M	Chloromethane	2.094	2.291	2.114	2.068	2.305	2.174	5.25
4)	M	Vinyl Chloride	2.166	2.413	2.246	2.166	2.505	2.299	6.65
5)	M	Bromomethane	1.249	1.214	1.149	1.224	1.294	1.226	4.32
6)	M	Chloroethane	1.399	1.495	1.336	1.378	1.498	1.421	5.08
7)	M	Trichlorofluorom...	2.922	3.441	3.168	3.005	3.580	3.223	8.72
8)	T	Diethyl Ether	1.285	1.200	1.121	1.191	1.226	1.205	4.94
9)		1,1,2-Trichlorot...	1.587	1.800	1.631	1.547	1.889	1.691	8.68
10)	M	1,1-Dichloroethene	1.558	1.748	1.601	1.557	1.784	1.650	6.58
11)		Methyl Iodide	1.267	1.744	1.806	1.920	2.041	1.756	16.84
12)		Methyl Acetate	2.674	2.716	2.562	2.661	2.694	2.661	2.23
13)	M	Acrolein	0.445	0.354	0.354	0.399	0.406	0.392	9.90
14)	M	Acrylonitrile	1.212	1.224	1.162	1.213	1.236	1.209	2.33
15)	M	Acetone	0.339	0.364	0.340	0.357	0.369	0.354	3.88
16)	M	Carbon Disulfide	5.228	5.928	5.506	5.256	5.901	5.564	6.08
17)		Allyl chloride	3.150	3.298	3.146	3.091	3.344	3.206	3.41
18)	M	Methylene Chloride	2.165	2.098	1.983	1.998	2.009	2.050	3.80
19)	M	trans-1,2-Dichlo...	1.917	2.036	1.848	1.810	1.993	1.921	4.92
20)	T	Diisopropyl ether	6.753	6.994	6.417	6.799	7.288	6.850	4.69
21)	M	1,1-Dichloroethane	3.827	4.008	3.728	3.748	3.985	3.859	3.40
22)	M	cis-1,2-Dichloro...	2.263	2.268	2.137	2.183	2.312	2.233	3.18
23)	M	tert-Butyl Alcohol	0.528	0.435	0.407	0.422	0.431	0.445	10.75
24)	M	Methyl tert-Buty...	6.526	6.635	6.404	6.727	6.964	6.651	3.19
25)	M	Chloroform	3.861	3.873	3.674	3.755	3.958	3.824	2.90
26)		Cyclohexane	2.831	3.534	3.200	3.018	3.716	3.260	11.16
27)	s	1,2-Dichloroetha...	2.725	2.740	2.769	2.745	2.723	2.740	0.67
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.484	0.508	0.471	0.497	0.542	0.501	5.43
30)	M	2-Butanone	0.335	0.314	0.299	0.335	0.336	0.324	5.15
31)		2,2-Dichloropropane	0.605	0.623	0.581	0.619	0.659	0.617	4.60
32)	M	1,1,1-Trichloroe...	0.623	0.624	0.578	0.609	0.651	0.617	4.30
33)	M	Carbon Tetrachlo...	0.524	0.532	0.499	0.511	0.569	0.527	5.04
34)	M	Benzene	1.560	1.495	1.392	1.499	1.535	1.496	4.28
35)		Methacrylonitrile	0.355	0.325	0.307	0.355	0.347	0.338	6.21
36)	M	1,2-Dichloroethane	0.585	0.575	0.546	0.608	0.597	0.582	4.09
37)	M	Trichloroethene	0.350	0.340	0.321	0.335	0.349	0.339	3.43
38)		Methylcyclohexane	0.509	0.593	0.554	0.552	0.661	0.574	9.95
39)	M	1,2-Dichloropropane	0.414	0.378	0.356	0.391	0.391	0.386	5.53
40)		Dibromomethane	0.292	0.277	0.254	0.284	0.281	0.277	5.20
41)	M	Bromodichloromet...	0.566	0.535	0.518	0.584	0.588	0.558	5.45
42)	M	Vinyl Acetate	1.052	1.049	1.034	1.148	1.121	1.081	4.68
43)		Ethyl Acetate	0.675	0.645	0.608	0.680	0.649	0.651	4.40
44)		Isopropyl Acetate	0.981	0.975	0.929	1.071	1.063	1.004	6.08
45)	T	1,4-Dioxane	0.006	0.006	0.006	0.006	0.006	0.006	3.52
46)		Methyl methacrylate	0.433	0.448	0.440	0.513	0.515	0.470	8.69
47)		n-amyl Acetate	0.516	0.456	0.455	0.558	0.559	0.509	10.15
48)	M	t-1,3-Dichloropr...	0.579	0.559	0.550	0.647	0.651	0.597	8.11
49)	T	cis-1,3-Dichloro...	0.606	0.610	0.581	0.651	0.660	0.621	5.33
50)	M	1,1,2-Trichloroe...	0.363	0.334	0.318	0.353	0.347	0.343	5.08
51)		Ethyl methacrylate	0.497	0.522	0.533	0.635	0.633	0.564	11.59
52)		1,3-Dichloropropane	0.642	0.612	0.576	0.647	0.646	0.625	4.98
53)	M	Dibromochloromet...	0.382	0.377	0.368	0.423	0.420	0.394	6.47
54)	M	1,2-Dibromoethane	0.368	0.342	0.325	0.378	0.370	0.356	6.23
55)	M	2-Chloroethyl vi...	0.323	0.304	0.282	0.355	0.361	0.325	10.30
56)	M	Bromoform	0.229	0.233	0.232	0.278	0.276	0.249	10.05

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N111325W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.654	0.685	0.642	0.710	0.701	0.679	4.35
59)	M	2-Hexanone	0.370	0.436	0.440	0.501	0.505	0.451	12.33
60)	S	4-Bromofluoroben...	0.479	0.494	0.513	0.515	0.534	0.507	4.15
61)	M	Tetrachloroethene	0.305	0.329	0.295	0.297	0.321	0.309	4.85
62)	M	Toluene	1.716	1.777	1.619	1.714	1.782	1.722	3.83
63)	S	Toluene-d8	1.418	1.455	1.418	1.385	1.426	1.420	1.76
64)	M	Chlorobenzene	1.098	1.065	0.994	1.074	1.099	1.066	4.04
65)		1,1,1,2-Tetrachl...	0.374	0.369	0.338	0.368	0.375	0.365	4.19
66)	M	Ethyl Benzene	1.763	1.927	1.813	1.933	2.052	1.897	5.97
67)	M	m/p-Xylenes	0.660	0.723	0.687	0.718	0.760	0.710	5.37
68)	M	o-Xylene	0.619	0.665	0.643	0.698	0.721	0.669	6.18
69)	M	Styrene	1.010	1.113	1.104	1.209	1.248	1.137	8.29
70)		Isopropylbenzene	1.587	1.799	1.703	1.815	1.966	1.774	7.95
71)	M	1,1,2,2-Tetrachl...	0.574	0.575	0.541	0.593	0.589	0.575	3.56
72)		1,2,3-Trichlorop...	0.611	0.509	0.524	0.576	0.563	0.557	7.31
73)		Bromobenzene	0.390	0.399	0.386	0.416	0.412	0.400	3.35
74)		n-propylbenzene	1.999	2.235	2.127	2.235	2.380	2.195	6.47
75)		2-Chlorotoluene	1.289	1.337	1.272	1.366	1.410	1.335	4.22
76)		1,3,5-Trimethylb...	1.318	1.500	1.447	1.538	1.642	1.489	8.00
77)		t-1,4-Dichloro-2...	0.144	0.179	0.184	0.220	0.229	0.191	17.90
78)		4-Chlorotoluene	1.240	1.360	1.301	1.407	1.457	1.353	6.33
79)		tert-butylbenzene	1.171	1.273	1.238	1.291	1.402	1.275	6.62
80)		1,2,4-Trimethylb...	1.279	1.474	1.447	1.576	1.627	1.481	9.09
81)		sec-Butylbenzene	1.667	1.917	1.793	1.867	2.053	1.859	7.71
82)		p-Isopropyltoluene	1.325	1.574	1.512	1.559	1.712	1.536	9.09
83)	M	1,3-Dichlorobenzene	0.726	0.795	0.753	0.802	0.815	0.778	4.83
84)	M	1,4-Dichlorobenzene	0.769	0.785	0.745	0.815	0.826	0.788	4.23
85)		n-Butylbenzene	1.210	1.538	1.426	1.492	1.656	1.464	11.28
86)	T	Hexachloroethane	0.283	0.293	0.279	0.298	0.319	0.294	5.42
87)	M	1,2-Dichlorobenzene	0.709	0.744	0.697	0.759	0.764	0.734	4.10
88)		1,2-Dibromo-3-Ch...	0.131	0.129	0.128	0.141	0.147	0.135	6.28
89)		1,2,4-Trichlorob...	0.388	0.404	0.390	0.429	0.451	0.412	6.59
90)		Hexachlorobutadiene	0.155	0.165	0.155	0.150	0.175	0.160	6.34
91)	M	Naphthalene	1.322	1.441	1.415	1.607	1.671	1.491	9.67
92)		1,2,3-Trichlorob...	0.388	0.404	0.390	0.429	0.451	0.412	6.59

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088274.D
Acq On : 13 Nov 2025 10:14
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 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:31:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	59982	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	315158	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	280094	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	163453	33.778	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.600%#			
60) 4-Bromofluorobenzene	12.829	95	134269	29.108	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.033%			
63) Toluene-d8	10.547	98	397107	31.297	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	15397	4.199	ug/l	99
3) Chloromethane	2.389	50	20933	5.188	ug/l	98
4) Vinyl Chloride	2.536	62	21649	5.144	ug/l	95
5) Bromomethane	2.977	94	12485	5.542	ug/l	87
6) Chloroethane	3.136	64	13983	5.095	ug/l	93
7) Trichlorofluoromethane	3.512	101	29208	5.032	ug/l	91
8) Diethyl Ether	3.959	74	12849	5.169	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	15868m	5.132	ug/l	
10) 1,1-Dichloroethene	4.330	96	15573	4.823	ug/l	95
11) Methyl Iodide	4.583	142	12669	4.056	ug/l	92
12) Methyl Acetate	5.012	43	26727	5.139	ug/l	96
13) Acrolein	4.171	56	22260m	28.039	ug/l	
14) Acrylonitrile	5.706	53	60558	24.465	ug/l	99
15) Acetone	4.430	58	16946	23.407	ug/l	93
16) Carbon Disulfide	4.712	76	52263m	5.069	ug/l	
17) Allyl chloride	5.018	41	31489	5.167	ug/l	97
18) Methylene Chloride	5.265	84	21639	5.317	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	19169	5.139	ug/l #	81
20) Diisopropyl ether	6.659	45	67510	4.944	ug/l	97
21) 1,1-Dichloroethane	6.553	63	38262	5.276	ug/l	98
22) cis-1,2-Dichloroethene	7.465	96	22622	4.954	ug/l #	90
23) tert-Butyl Alcohol	5.524	59	26385m	27.232	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	65238	4.803	ug/l #	82
25) Chloroform	7.953	83	38596	5.219	ug/l	93
26) Cyclohexane	8.229	56	28299m	4.661	ug/l	
29) 1,1-Dichloropropene	8.347	75	25434	5.410	ug/l	98
30) 2-Butanone	7.471	43	87884	26.404	ug/l #	98
31) 2,2-Dichloropropane	7.477	77	31772m	5.318	ug/l	
32) 1,1,1-Trichloroethane	8.147	97	32744	5.623	ug/l	98
33) Carbon Tetrachloride	8.341	117	27520	5.603	ug/l	85
34) Benzene	8.588	78	81926	5.397	ug/l #	93
35) Methacrylonitrile	7.759	41	18631	5.343	ug/l	93
36) 1,2-Dichloroethane	8.653	62	30747	5.714	ug/l	97
37) Trichloroethene	9.335	130	18362	5.154	ug/l	84
38) Methylcyclohexane	9.582	83	26740	4.668	ug/l	98
39) 1,2-Dichloropropane	9.600	63	21746	5.698	ug/l	99
40) Dibromomethane	9.688	93	15320	5.523	ug/l	99
41) Bromodichloromethane	9.865	83	29744	5.289	ug/l #	94
42) Vinyl Acetate	6.588	43	276230	24.145	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088274.D
Acq On : 13 Nov 2025 10:14
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 00:31:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	35436	5.467 ug/l #	81
44) Isopropyl Acetate	8.671	43	51550	4.931 ug/l	96
45) 1,4-Dioxane	9.682	88	6293	92.862 ug/l #	93
46) Methyl methacrylate	9.665	41	22745	4.800 ug/l	93
47) n-amyl Acetate	13.111	43	27105m	5.506 ug/l	
48) t-1,3-Dichloropropene	10.818	75	30392	4.911 ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	31815	4.902 ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	19062	5.278 ug/l	95
51) Ethyl methacrylate	10.859	69	26099m	4.302 ug/l	
52) 1,3-Dichloropropane	11.141	76	33732	5.305 ug/l	97
53) Dibromochloromethane	11.341	129	20062	4.685 ug/l	99
54) 1,2-Dibromoethane	11.447	107	19322	5.037 ug/l	90
55) 2-Chloroethyl vinyl ether	10.135	63	84863	25.902 ug/l	98
56) Bromoform	12.559	173	12003	4.198 ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	152747	24.280 ug/l	100
59) 2-Hexanone	11.182	43	86444	20.905 ug/l	91
61) Tetrachloroethene	11.082	164	14222	4.941 ug/l	97
62) Toluene	10.612	91	80108	4.996 ug/l	99
64) Chlorobenzene	11.870	112	51274	5.070 ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.941	131	17465	5.028 ug/l	100
66) Ethyl Benzene	11.941	91	82280	4.718 ug/l	90
67) m/p-Xylenes	12.053	106	61616	9.227 ug/l	96
68) o-Xylene	12.376	106	28878	4.411 ug/l	96
69) Styrene	12.394	104	47137	4.312 ug/l	97
70) Isopropylbenzene	12.670	105	74065	4.517 ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	26814	4.879 ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	28504m	5.588 ug/l	
73) Bromobenzene	12.959	156	18184	4.642 ug/l	98
74) n-propylbenzene	13.011	91	93306	4.685 ug/l	99
75) 2-Chlorotoluene	13.106	91	60165	4.967 ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	61542	4.437 ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	6714m	3.347 ug/l	
78) 4-Chlorotoluene	13.206	91	57871	4.703 ug/l	98
79) tert-butylbenzene	13.417	119	54661	4.578 ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	59703	4.320 ug/l	99
81) sec-Butylbenzene	13.594	105	77820	4.567 ug/l	98
82) p-Isopropyltoluene	13.706	119	61858	4.288 ug/l	98
83) 1,3-Dichlorobenzene	13.717	146	33873	4.543 ug/l	96
84) 1,4-Dichlorobenzene	13.794	146	35917	4.716 ug/l	95
85) n-Butylbenzene	14.035	91	56470	4.165 ug/l	97
86) Hexachloroethane	14.311	117	13194	4.616 ug/l	98
87) 1,2-Dichlorobenzene	14.094	146	33084	4.551 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	6096	4.899 ug/l	99
89) 1,2,4-Trichlorobenzene	15.817	180	18113	4.257 ug/l	98
90) Hexachlorobutadiene	15.470	225	7223	4.707 ug/l	96
91) Naphthalene	15.617	128	61691	3.973 ug/l	98
92) 1,2,3-Trichlorobenzene	15.817	180	18113	4.257 ug/l	98

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

ICAL Form

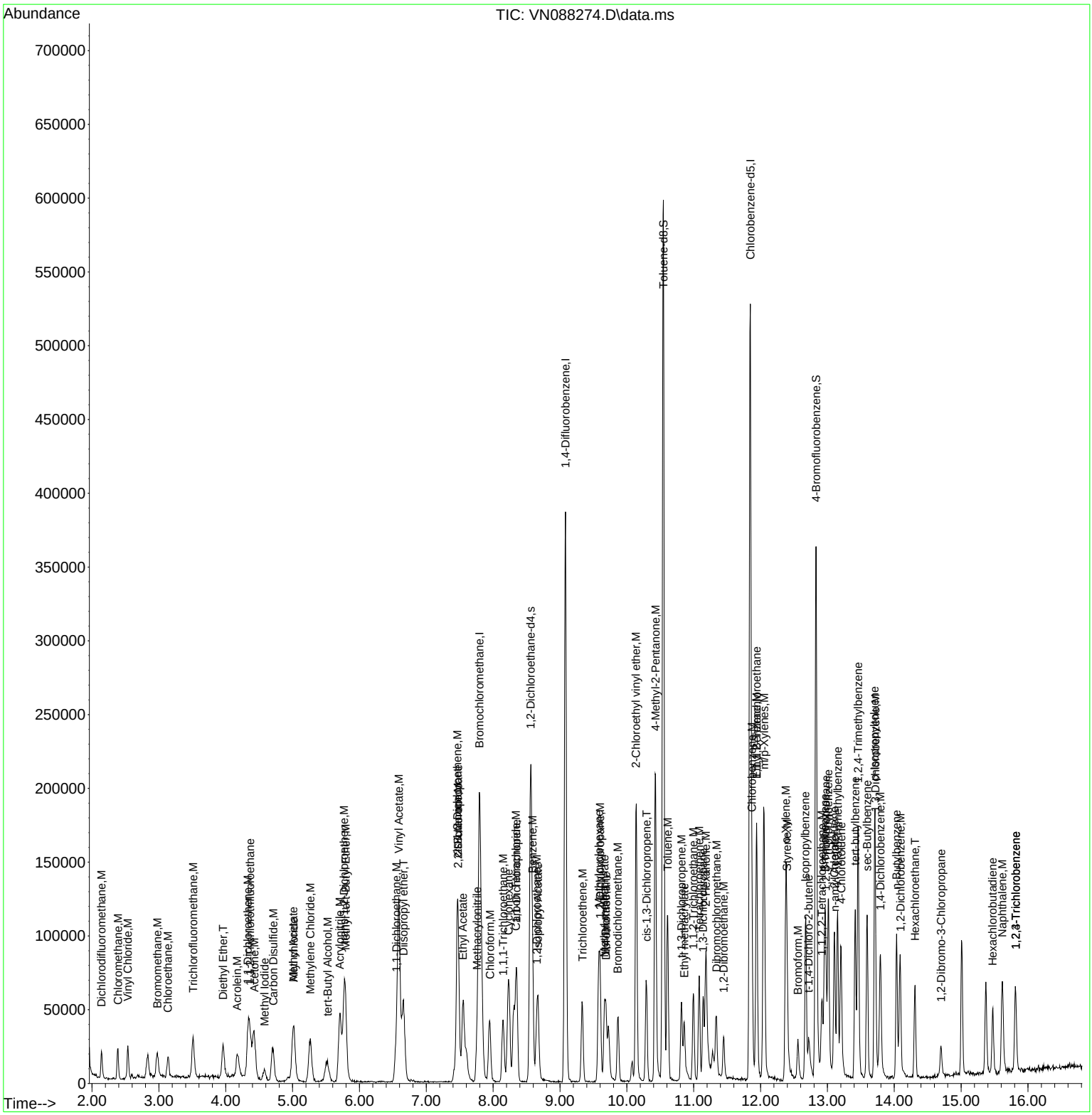
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088274.D
Acq On : 13 Nov 2025 10:14
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 00:31:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088275.D
Acq On : 13 Nov 2025 10:47
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 14 00:32:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	56809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	316009	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	274966	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	155667	33.966	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.233%#			
60) 4-Bromofluorobenzene	12.829	95	135914	30.014	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.033%			
63) Toluene-d8	10.547	98	400066	32.118	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	89611	25.803	ug/l	100
3) Chloromethane	2.383	50	86783	22.710	ug/l	100
4) Vinyl Chloride	2.536	62	91378	22.923	ug/l	100
5) Bromomethane	2.983	94	45970	21.544	ug/l	100
6) Chloroethane	3.142	64	56603	21.775	ug/l	100
7) Trichlorofluoromethane	3.512	101	130333	23.708	ug/l	100
8) Diethyl Ether	3.965	74	45445	19.304	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	68173	23.278	ug/l	100
10) 1,1-Dichloroethene	4.336	96	66195	21.644	ug/l	100
11) Methyl Iodide	4.583	142	66051	22.325	ug/l	100
12) Methyl Acetate	5.018	43	102860	20.884	ug/l	100
13) Acrolein	4.183	56	67002	89.110	ug/l	100
14) Acrylonitrile	5.706	53	231708	98.836	ug/l	100
15) Acetone	4.418	58	68836	100.391	ug/l	100
16) Carbon Disulfide	4.706	76	224507	22.989	ug/l	100
17) Allyl chloride	5.018	41	124920	21.641	ug/l	100
18) Methylene Chloride	5.259	84	79465	20.618	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	77097m	21.822	ug/l	
20) Diisopropyl ether	6.653	45	264884	20.483	ug/l	100
21) 1,1-Dichloroethane	6.553	63	151801	22.101	ug/l	100
22) cis-1,2-Dichloroethene	7.471	96	85904	19.863	ug/l	100
23) tert-Butyl Alcohol	5.524	59	82461	89.862	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	251301	19.534	ug/l	100
25) Chloroform	7.947	83	146699	20.947	ug/l	100
26) Cyclohexane	8.241	56	133859	23.277	ug/l	100
29) 1,1-Dichloropropene	8.353	75	107093	22.717	ug/l	100
30) 2-Butanone	7.471	43	330360	98.988	ug/l	100
31) 2,2-Dichloropropane	7.471	77	131341	21.925	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	131366	22.498	ug/l	100
33) Carbon Tetrachloride	8.341	117	112124	22.765	ug/l	100
34) Benzene	8.588	78	314932	20.690	ug/l	100
35) Methacrylonitrile	7.765	41	68465	19.580	ug/l	100
36) 1,2-Dichloroethane	8.653	62	121133	22.449	ug/l	100
37) Trichloroethene	9.330	130	71676	20.066	ug/l	100
38) Methylcyclohexane	9.577	83	124934	21.749	ug/l	100
39) 1,2-Dichloropropane	9.600	63	79702	20.829	ug/l	100
40) Dibromomethane	9.688	93	58255	20.946	ug/l	100
41) Bromodichloromethane	9.871	83	112790	20.003	ug/l	100
42) Vinyl Acetate	6.589	43	1104913	96.320	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088275.D
Acq On : 13 Nov 2025 10:47
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:32:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	135974	20.923	ug/l	100
44) Isopropyl Acetate	8.671	43	205400	19.593	ug/l	100
45) 1,4-Dioxane	9.682	88	26417	388.772	ug/l	100
46) Methyl methacrylate	9.665	41	94347	19.858	ug/l	100
47) n-amyl Acetate	12.671	43	96079m	19.466	ug/l	
48) t-1,3-Dichloropropene	10.812	75	117823	18.989	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	128462	19.738	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	70272	19.404	ug/l	100
51) Ethyl methacrylate	10.853	69	110057	18.093	ug/l	100
52) 1,3-Dichloropropane	11.141	76	128846	20.209	ug/l	100
53) Dibromochloromethane	11.335	129	79410	18.494	ug/l	100
54) 1,2-Dibromoethane	11.447	107	71949	18.708	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	320128	97.447	ug/l	100
56) Bromoform	12.565	173	49101	17.127	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	627464	101.601	ug/l	100
59) 2-Hexanone	11.177	43	399715	98.468	ug/l	100
61) Tetrachloroethene	11.082	164	60224	21.314	ug/l	100
62) Toluene	10.606	91	325793	20.699	ug/l	100
64) Chlorobenzene	11.871	112	195311	19.673	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	67699	19.855	ug/l	100
66) Ethyl Benzene	11.941	91	353168	20.628	ug/l	100
67) m/p-Xylenes	12.053	106	265069	40.436	ug/l	100
68) o-Xylene	12.376	106	121940	18.975	ug/l	100
69) Styrene	12.394	104	204002	19.012	ug/l	100
70) Isopropylbenzene	12.676	105	329705	20.485	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	105470	19.550	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	93353m	18.642	ug/l	
73) Bromobenzene	12.959	156	73152	19.023	ug/l	100
74) n-propylbenzene	13.012	91	409616	20.952	ug/l	100
75) 2-Chlorotoluene	13.106	91	245108	20.611	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	274988	20.196	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	32812	16.660	ug/l	100
78) 4-Chlorotoluene	13.200	91	249260	20.636	ug/l	100
79) tert-butylbenzene	13.412	119	233396	19.912	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	270223	19.918	ug/l	100
81) sec-Butylbenzene	13.594	105	351400	21.009	ug/l	100
82) p-Isopropyltoluene	13.706	119	288563	20.375	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	145695	19.906	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	143865	19.240	ug/l	100
85) n-Butylbenzene	14.035	91	281860	21.176	ug/l	100
86) Hexachloroethane	14.312	117	53696	19.135	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	136306	19.098	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	23631	19.344	ug/l	100
89) 1,2,4-Trichlorobenzene	15.812	180	73982	17.714	ug/l	100
90) Hexachlorobutadiene	15.476	225	30294	20.112	ug/l	100
91) Naphthalene	15.612	128	264153	17.329	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	73982	17.714	ug/l	100

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

ICAL Form

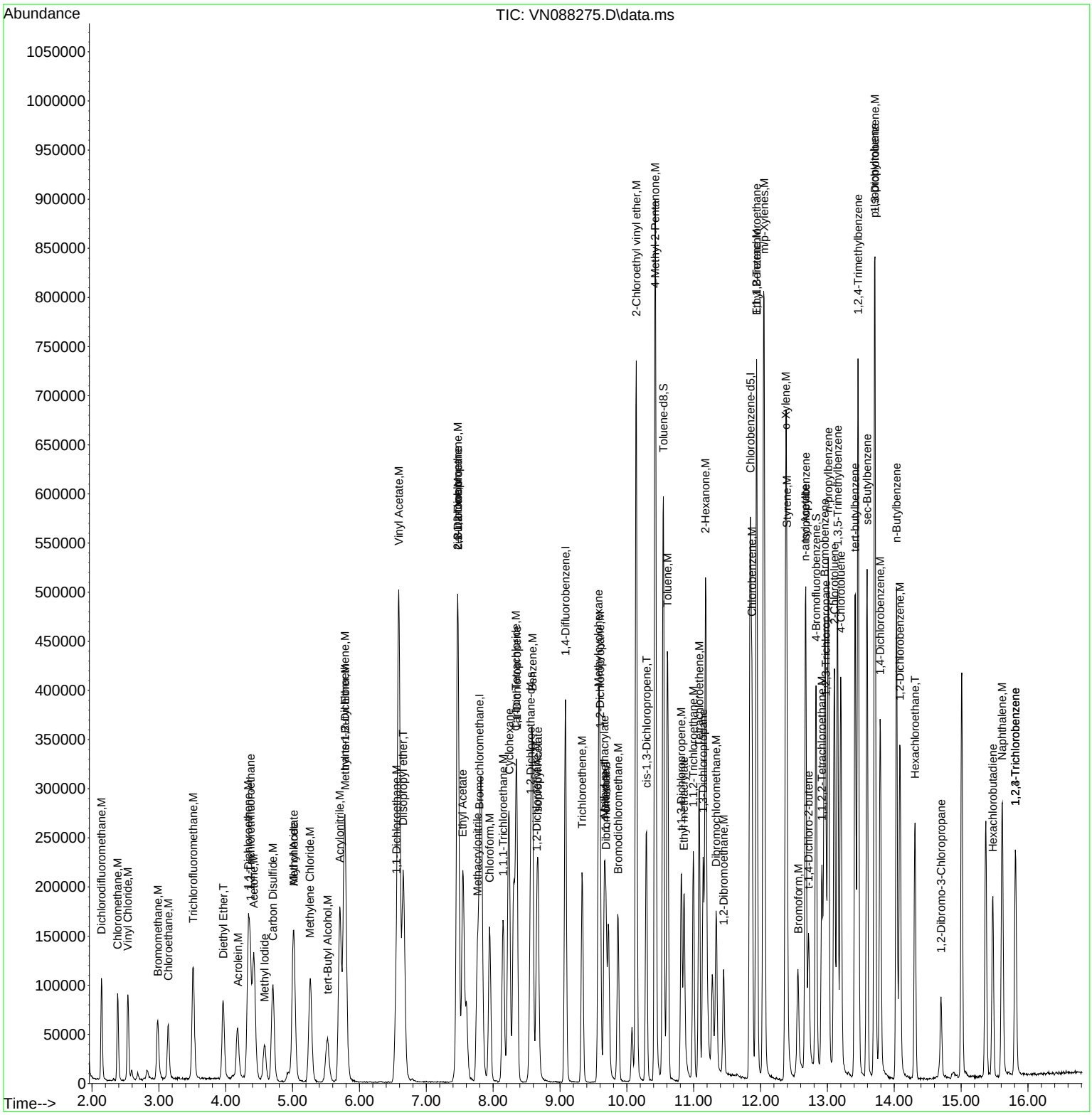
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088275.D
Acq On : 13 Nov 2025 10:47
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 14 00:32:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088276.D
Acq On : 13 Nov 2025 11:08
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	55911	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	311518	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	279554	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	154791	34.317	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.400%#			
60) 4-Bromofluorobenzene	12.829	95	143308	31.127	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.767%			
63) Toluene-d8	10.541	98	396360	31.299	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	202763	59.321	ug/l	99
3) Chloromethane	2.383	50	196949	52.368	ug/l	95
4) Vinyl Chloride	2.536	62	209252	53.337	ug/l	99
5) Bromomethane	2.977	94	107066	50.983	ug/l	93
6) Chloroethane	3.136	64	124513	48.668	ug/l	95
7) Trichlorofluoromethane	3.512	101	295192	54.558	ug/l	95
8) Diethyl Ether	3.965	74	104470	45.088	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	151998	52.734	ug/l	82
10) 1,1-Dichloroethene	4.336	96	149214	49.573	ug/l	85
11) Methyl Iodide	4.583	142	168273	57.790	ug/l	85
12) Methyl Acetate	5.018	43	238741	49.250	ug/l	93
13) Acrolein	4.177	56	164787	222.681	ug/l	96
14) Acrylonitrile	5.706	53	541419	234.654	ug/l	99
15) Acetone	4.424	58	158252	234.503	ug/l	94
16) Carbon Disulfide	4.706	76	513072	53.381	ug/l	100
17) Allyl chloride	5.012	41	293130	51.598	ug/l	96
18) Methylene Chloride	5.259	84	184772	48.711	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	172251	49.537	ug/l	98
20) Diisopropyl ether	6.659	45	597968	46.983	ug/l	97
21) 1,1-Dichloroethane	6.553	63	347380	51.389	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	199123	46.782	ug/l	98
23) tert-Butyl Alcohol	5.530	59	189443m	209.762	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	596789	47.134	ug/l	99
25) Chloroform	7.947	83	342347	49.668	ug/l	97
26) Cyclohexane	8.235	56	298210	52.690	ug/l	100
29) 1,1-Dichloropropene	8.353	75	244552	52.624	ug/l	99
30) 2-Butanone	7.471	43	776756	236.100	ug/l	99
31) 2,2-Dichloropropane	7.471	77	301771	51.101	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	300299	52.171	ug/l	99
33) Carbon Tetrachloride	8.341	117	258895	53.323	ug/l	96
34) Benzene	8.588	78	722849	48.174	ug/l	98
35) Methacrylonitrile	7.765	41	159534	46.282	ug/l	97
36) 1,2-Dichloroethane	8.653	62	283447	53.288	ug/l	100
37) Trichloroethene	9.329	130	166803	47.370	ug/l	100
38) Methylcyclohexane	9.577	83	287564	50.783	ug/l	99
39) 1,2-Dichloropropane	9.600	63	184617	48.942	ug/l	97
40) Dibromomethane	9.688	93	131620	48.007	ug/l	98
41) Bromodichloromethane	9.865	83	269136	48.418	ug/l	99
42) Vinyl Acetate	6.588	43	2683358m	237.292	ug/l	

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088276.D
Acq On : 13 Nov 2025 11:08
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 00:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43)	Ethyl Acetate	7.547	43	315737m	49.283	ug/l	
44)	Isopropyl Acetate	8.671	43	482542	46.694	ug/l	99
45)	1,4-Dioxane	9.682	88	59672	890.836	ug/l	96
46)	Methyl methacrylate	9.665	41	228386	48.764	ug/l	94
47)	n-amyl Acetate	12.500	43	236169m	48.538	ug/l	
48)	t-1,3-Dichloropropene	10.818	75	285594	46.692	ug/l	96
49)	cis-1,3-Dichloropropene	10.288	75	301442	46.984	ug/l	98
50)	1,1,2-Trichloroethane	10.994	97	165256	46.289	ug/l	95
51)	Ethyl methacrylate	10.853	69	276826	46.165	ug/l	96
52)	1,3-Dichloropropane	11.141	76	298832	47.547	ug/l	100
53)	Dibromochloromethane	11.335	129	191134	45.155	ug/l	99
54)	1,2-Dibromoethane	11.447	107	168709	44.499	ug/l	99
55)	2-Chloroethyl vinyl ether	10.141	63	732371	226.148	ug/l	98
56)	Bromoform	12.553	173	120289	42.562	ug/l	98
58)	4-Methyl-2-Pentanone	10.424	43	1495694	238.212	ug/l	100
59)	2-Hexanone	11.176	43	1024210	248.170	ug/l	100
61)	Tetrachloroethene	11.082	164	137527	47.874	ug/l	98
62)	Toluene	10.606	91	754127	47.127	ug/l	100
64)	Chlorobenzene	11.871	112	463060	45.876	ug/l	98
65)	1,1,1,2-Tetrachloroethane	11.941	131	157503	45.435	ug/l	96
66)	Ethyl Benzene	11.941	91	844642	48.524	ug/l	100
67)	m/p-Xylenes	12.047	106	639721	95.987	ug/l	100
68)	o-Xylene	12.376	106	299638	45.862	ug/l	99
69)	Styrene	12.388	104	514330	47.146	ug/l	99
70)	Isopropylbenzene	12.670	105	793307	48.480	ug/l	99
71)	1,1,2,2-Tetrachloroethane	12.918	83	252114	45.966	ug/l	99
72)	1,2,3-Trichloropropane	12.970	75	244240m	47.973	ug/l	
73)	Bromobenzene	12.959	156	179669	45.956	ug/l	99
74)	n-propylbenzene	13.012	91	991194	49.867	ug/l	100
75)	2-Chlorotoluene	13.100	91	592686	49.020	ug/l	98
76)	1,3,5-Trimethylbenzene	13.153	105	674081	48.695	ug/l	99
77)	t-1,4-Dichloro-2-butene	12.718	75	85815	42.857	ug/l	99
78)	4-Chlorotoluene	13.200	91	605977	49.346	ug/l	99
79)	tert-butylbenzene	13.412	119	576731	48.395	ug/l	99
80)	1,2,4-Trimethylbenzene	13.459	105	674243	48.884	ug/l	98
81)	sec-Butylbenzene	13.594	105	835470	49.130	ug/l	100
82)	p-Isopropyltoluene	13.706	119	704697	48.941	ug/l	98
83)	1,3-Dichlorobenzene	13.712	146	350626	47.120	ug/l	99
84)	1,4-Dichlorobenzene	13.788	146	346883	45.631	ug/l	98
85)	n-Butylbenzene	14.035	91	664503	49.104	ug/l	98
86)	Hexachloroethane	14.306	117	129811	45.501	ug/l	100
87)	1,2-Dichlorobenzene	14.082	146	324709	44.748	ug/l	97
88)	1,2-Dibromo-3-Chloropr...	14.700	75	59546	47.944	ug/l	98
89)	1,2,4-Trichlorobenzene	15.811	180	181481	42.739	ug/l	98
90)	Hexachlorobutadiene	15.476	225	72346	47.241	ug/l	95
91)	Naphthalene	15.611	128	659204	42.535	ug/l	99
92)	1,2,3-Trichlorobenzene	15.811	180	181481	42.739	ug/l	98

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

ICAL Form

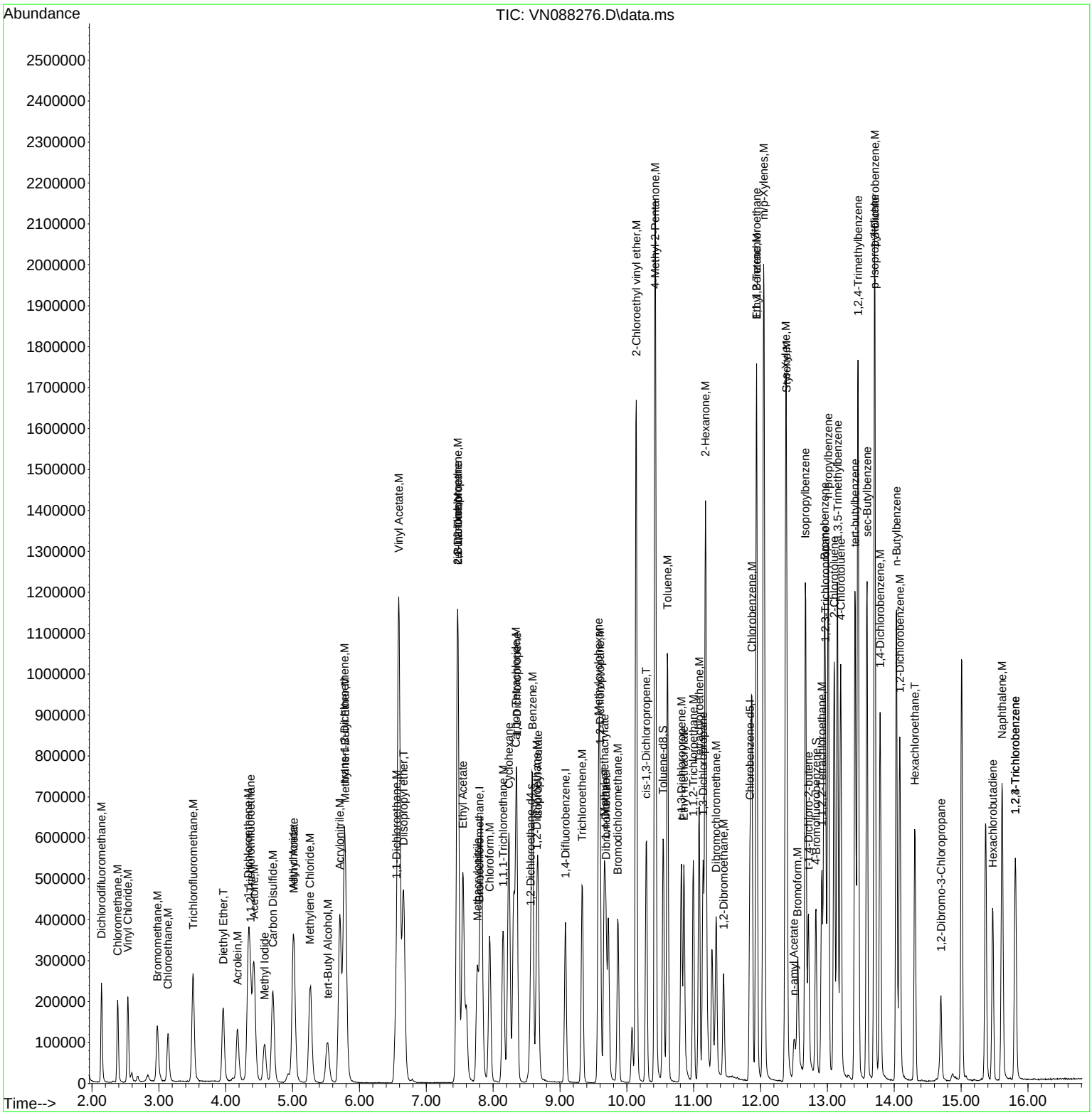
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088276.D
Acq On : 13 Nov 2025 11:08
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 00:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088277.D
Acq On : 13 Nov 2025 11:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 00:34:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	57576	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	302391	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	280939	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	158023	34.021	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.400%#			
60) 4-Bromofluorobenzene	12.829	95	144691	31.273	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.233%			
63) Toluene-d8	10.547	98	389074	30.572	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	386633	109.844	ug/l	99
3) Chloromethane	2.383	50	396903	102.483	ug/l	95
4) Vinyl Chloride	2.536	62	415782	102.915	ug/l	100
5) Bromomethane	2.965	94	234848	108.597	ug/l	94
6) Chloroethane	3.130	64	264477	100.386	ug/l	98
7) Trichlorofluoromethane	3.506	101	576793	103.522	ug/l	96
8) Diethyl Ether	3.959	74	228588	95.803	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	296955	100.046	ug/l	99
10) 1,1-Dichloroethene	4.336	96	298818	96.404	ug/l	87
11) Methyl Iodide	4.583	142	368511	122.898	ug/l	84
12) Methyl Acetate	5.018	43	510686	102.304	ug/l	93
13) Acrolein	4.177	56	382851	502.395	ug/l	100
14) Acrylonitrile	5.706	53	1164326	490.032	ug/l	99
15) Acetone	4.424	58	342742	493.199	ug/l	96
16) Carbon Disulfide	4.706	76	1008701	101.913	ug/l	99
17) Allyl chloride	5.012	41	593156	101.390	ug/l	95
18) Methylene Chloride	5.265	84	383510	98.179	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	347465	97.037	ug/l	97
20) Diisopropyl ether	6.659	45	1304925	99.564	ug/l	94
21) 1,1-Dichloroethane	6.553	63	719300	103.332	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	418959	95.583	ug/l	99
23) tert-Butyl Alcohol	5.524	59	405082	435.560	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1291019	99.015	ug/l	99
25) Chloroform	7.947	83	720609	101.523	ug/l	98
26) Cyclohexane	8.235	56	579253	99.388	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	500890	111.037	ug/l	98
30) 2-Butanone	7.471	43	1690170	529.244	ug/l	100
31) 2,2-Dichloropropane	7.471	77	623466	108.762	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	613629	109.824	ug/l	99
33) Carbon Tetrachloride	8.347	117	515390	109.356	ug/l	99
34) Benzene	8.588	78	1510830	103.729	ug/l	99
35) Methacrylonitrile	7.759	41	357832	106.943	ug/l	96
36) 1,2-Dichloroethane	8.653	62	612885	118.700	ug/l	98
37) Trichloroethene	9.329	130	337963	98.874	ug/l	98
38) Methylcyclohexane	9.582	83	556698	101.278	ug/l	99
39) 1,2-Dichloropropane	9.600	63	394096	107.628	ug/l	93
40) Dibromomethane	9.688	93	286468	107.639	ug/l	99
41) Bromodichloromethane	9.865	83	588644	109.095	ug/l	100
42) Vinyl Acetate	6.588	43	5787487	527.240	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088277.D
Acq On : 13 Nov 2025 11:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 00:34:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	685746	110.269 ug/l	100
44) Isopropyl Acetate	8.671	43	1079569	107.619 ug/l	99
45) 1,4-Dioxane	9.682	88	125652	1932.462 ug/l #	94
46) Methyl methacrylate	9.665	41	517547	113.839 ug/l	93
47) n-amyl Acetate	12.488	43	562356m	119.065 ug/l	
48) t-1,3-Dichloropropene	10.812	75	652430	109.885 ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	656345	105.389 ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	355954	102.714 ug/l	96
51) Ethyl methacrylate	10.853	69	640389	110.018 ug/l	94
52) 1,3-Dichloropropane	11.141	76	652611	106.971 ug/l	99
53) Dibromochloromethane	11.335	129	425915	103.658 ug/l	99
54) 1,2-Dibromoethane	11.447	107	380679	103.438 ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	1790152	569.464 ug/l	99
56) Bromoform	12.559	173	279810	101.994 ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	3325706	527.058 ug/l	100
59) 2-Hexanone	11.176	43	2346954	565.872 ug/l	100
61) Tetrachloroethene	11.082	164	277837	96.241 ug/l	95
62) Toluene	10.606	91	1605459	99.833 ug/l	100
64) Chlorobenzene	11.870	112	1005878	99.163 ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	344917	99.007 ug/l	96
66) Ethyl Benzene	11.941	91	1810409	103.494 ug/l	98
67) m/p-Xylenes	12.047	106	1345328	200.864 ug/l	98
68) o-Xylene	12.376	106	654049	99.614 ug/l	100
69) Styrene	12.388	104	1132505	103.300 ug/l	99
70) Isopropylbenzene	12.670	105	1699976	103.375 ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	555412	100.764 ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	539279m	105.401 ug/l	
73) Bromobenzene	12.959	156	389367	99.102 ug/l	100
74) n-propylbenzene	13.012	91	2093385	104.799 ug/l	100
75) 2-Chlorotoluene	13.100	91	1279663	105.317 ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	1440376	103.538 ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	206317	102.530 ug/l	95
78) 4-Chlorotoluene	13.200	91	1317180	106.732 ug/l	99
79) tert-butylbenzene	13.417	119	1208602	100.916 ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	1476053	106.488 ug/l	98
81) sec-Butylbenzene	13.594	105	1748566	102.318 ug/l	99
82) p-Isopropyltoluene	13.706	119	1459564	100.866 ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	751195	100.454 ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	763171	99.896 ug/l	99
85) n-Butylbenzene	14.035	91	1397544	102.763 ug/l	98
86) Hexachloroethane	14.312	117	278606	97.175 ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	710660	97.453 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	132109	105.844 ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	401343	94.051 ug/l	97
90) Hexachlorobutadiene	15.476	225	140304	91.164 ug/l	97
91) Naphthalene	15.611	128	1505179	96.642 ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	401343	94.051 ug/l	97

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

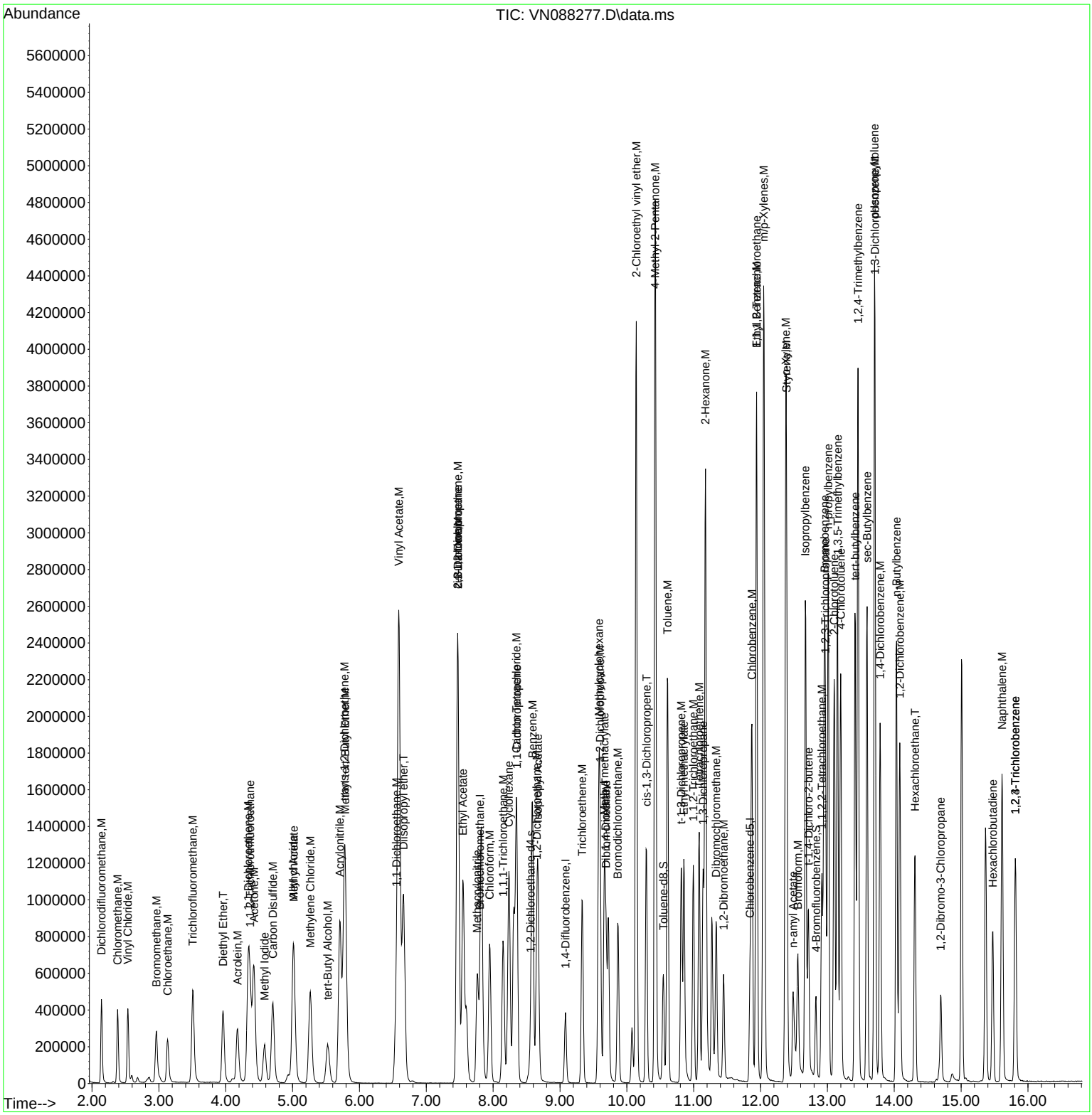
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088277.D
Acq On : 13 Nov 2025 11:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 00:34:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088278.D
Acq On : 13 Nov 2025 11:50
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 14 00:35:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	58005	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	317019	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	293637	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	157963	33.756	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.533%#			
60) 4-Bromofluorobenzene	12.829	95	156905	32.446	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.167%			
63) Toluene-d8	10.547	98	418750	31.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.933%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	709810	200.169	ug/l	100
3) Chloromethane	2.383	50	668367	171.300	ug/l	96
4) Vinyl Chloride	2.536	62	726496	178.493	ug/l	99
5) Bromomethane	2.953	94	375277	172.250	ug/l	91
6) Chloroethane	3.124	64	434399	163.663	ug/l	97
7) Trichlorofluoromethane	3.506	101	1038285	184.971	ug/l	95
8) Diethyl Ether	3.959	74	355635	147.948	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	547868	183.214	ug/l	97
10) 1,1-Dichloroethene	4.336	96	517537	165.732	ug/l	87
11) Methyl Iodide	4.577	142	591847	195.920	ug/l	85
12) Methyl Acetate	5.018	43	781462	155.390	ug/l	94
13) Acrolein	4.177	56	588784	766.915	ug/l	98
14) Acrylonitrile	5.712	53	1792462	748.818	ug/l	99
15) Acetone	4.424	58	534918	764.044	ug/l	91
16) Carbon Disulfide	4.700	76	1711397	171.629	ug/l	99
17) Allyl chloride	5.012	41	969891	164.560	ug/l	96
18) Methylene Chloride	5.265	84	582523	148.024	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	577960	160.214	ug/l	97
20) Diisopropyl ether	6.659	45	2113687	160.079	ug/l	95
21) 1,1-Dichloroethane	6.553	63	1155893	164.822	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	670659	151.876	ug/l	99
23) tert-Butyl Alcohol	5.530	59	625469	667.554	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	2019738	153.759	ug/l	98
25) Chloroform	7.947	83	1147984	160.537	ug/l	98
26) Cyclohexane	8.235	56	1077697	183.543	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	859630	181.769	ug/l	98
30) 2-Butanone	7.471	43	2664153	795.735	ug/l	100
31) 2,2-Dichloropropane	7.471	77	1044376	173.782	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	1032260	176.224	ug/l	99
33) Carbon Tetrachloride	8.347	117	901323	182.420	ug/l	99
34) Benzene	8.588	78	2433755	159.383	ug/l	99
35) Methacrylonitrile	7.765	41	549670	156.696	ug/l	98
36) 1,2-Dichloroethane	8.653	62	946592	174.871	ug/l	98
37) Trichloroethene	9.335	130	553150	154.362	ug/l	96
38) Methylcyclohexane	9.582	83	1047944	181.852	ug/l	99
39) 1,2-Dichloropropane	9.600	63	620150	161.548	ug/l	98
40) Dibromomethane	9.688	93	445197	159.562	ug/l	100
41) Bromodichloromethane	9.871	83	931442	164.661	ug/l	99
42) Vinyl Acetate	6.588	43	8882940m	771.895	ug/l	

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088278.D
Acq On : 13 Nov 2025 11:50
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 14 00:35:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	1028651m	157.776	ug/l		
44) Isopropyl Acetate	8.671	43	1685410	160.261	ug/l		100
45) 1,4-Dioxane	9.682	88	189937	2786.344	ug/l		96
46) Methyl methacrylate	9.665	41	816245	171.256	ug/l		94
47) n-amyl Acetate	12.482	43	886019	178.936	ug/l	#	100
48) t-1,3-Dichloropropene	10.818	75	1031386	165.696	ug/l		96
49) cis-1,3-Dichloropropene	10.294	75	1045380	160.111	ug/l		99
50) 1,1,2-Trichloroethane	10.994	97	549793	151.328	ug/l		97
51) Ethyl methacrylate	10.853	69	1004034	164.532	ug/l		95
52) 1,3-Dichloropropane	11.141	76	1024092	160.116	ug/l		100
53) Dibromochloromethane	11.335	129	665870	154.580	ug/l		98
54) 1,2-Dibromoethane	11.447	107	585979	151.875	ug/l		98
55) 2-Chloroethyl vinyl ether	10.141	63	2859403	867.631	ug/l		99
56) Bromoform	12.559	173	437240	152.024	ug/l		98
58) 4-Methyl-2-Pentanone	10.423	43	5148363	780.630	ug/l		100
59) 2-Hexanone	11.176	43	3710506	855.949	ug/l		100
61) Tetrachloroethene	11.082	164	471972	156.418	ug/l		97
62) Toluene	10.606	91	2615873	155.630	ug/l		99
64) Chlorobenzene	11.870	112	1614092	152.242	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.941	131	550423	151.164	ug/l		96
66) Ethyl Benzene	11.941	91	3012482	164.765	ug/l		97
67) m/p-Xylenes	12.047	106	2231809	318.811	ug/l		98
68) o-Xylene	12.376	106	1059250	154.351	ug/l		100
69) Styrene	12.388	104	1832890	159.954	ug/l		98
70) Isopropylbenzene	12.670	105	2887068	167.970	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.917	83	864951	150.136	ug/l		99
72) 1,2,3-Trichloropropane	12.970	75	827243m	154.690	ug/l		
73) Bromobenzene	12.959	156	605473	147.441	ug/l		97
74) n-propylbenzene	13.011	91	3494880	167.395	ug/l		100
75) 2-Chlorotoluene	13.100	91	2070119	163.004	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	2410543	165.784	ug/l		99
77) t-1,4-Dichloro-2-butene	12.717	75	335518	159.527	ug/l		99
78) 4-Chlorotoluene	13.200	91	2139279	165.851	ug/l		100
79) tert-butylbenzene	13.417	119	2057918	164.402	ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	2388876	164.890	ug/l		99
81) sec-Butylbenzene	13.594	105	3013988	168.738	ug/l		99
82) p-Isopropyltoluene	13.706	119	2513693	166.202	ug/l		99
83) 1,3-Dichlorobenzene	13.711	146	1197075	153.157	ug/l		98
84) 1,4-Dichlorobenzene	13.788	146	1213140	151.929	ug/l		99
85) n-Butylbenzene	14.035	91	2431132	171.034	ug/l		97
86) Hexachloroethane	14.311	117	468741	156.422	ug/l		99
87) 1,2-Dichlorobenzene	14.082	146	1121846	147.186	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	215743	165.376	ug/l		98
89) 1,2,4-Trichlorobenzene	15.811	180	662170	148.463	ug/l		98
90) Hexachlorobutadiene	15.476	225	257201	159.893	ug/l		96
91) Naphthalene	15.611	128	2454033	150.750	ug/l		100
92) 1,2,3-Trichlorobenzene	15.811	180	662170	148.463	ug/l		98

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

ICAL Form

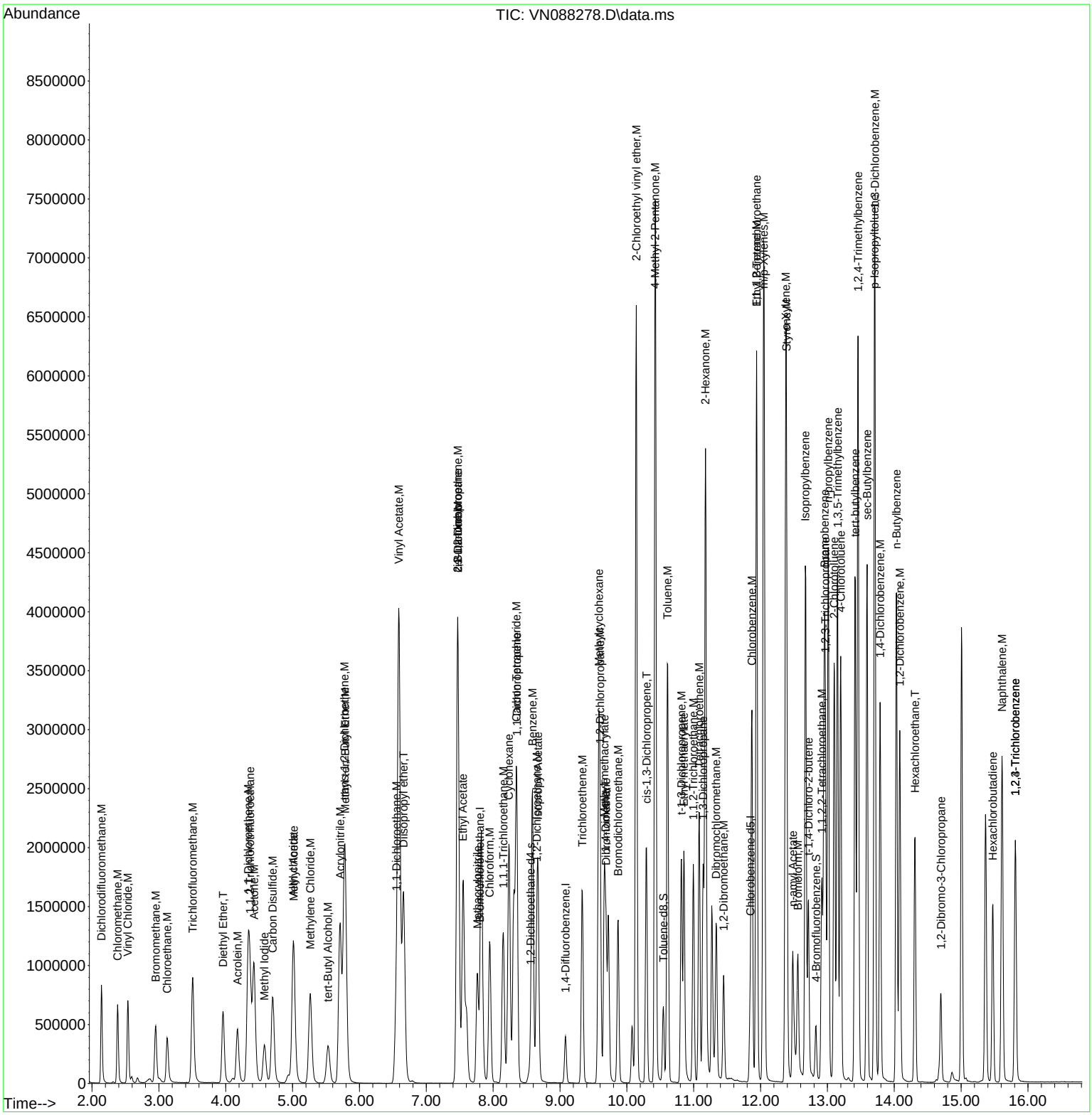
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088278.D
Acq On : 13 Nov 2025 11:50
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 14 00:35:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:31:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	59836	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	314478	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	281376	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	164242	30.050	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	12.829	95	141628	29.776	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.267%			
63) Toluene-d8	10.541	98	398285	29.898	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	77036	18.315	ug/l	98
3) Chloromethane	2.383	50	86177	19.872	ug/l	98
4) Vinyl Chloride	2.536	62	84527	18.433	ug/l	98
5) Bromomethane	2.977	94	48863	19.985	ug/l	97
6) Chloroethane	3.136	64	50576	17.844	ug/l	94
7) Trichlorofluoromethane	3.512	101	110113	17.128	ug/l	100
8) Diethyl Ether	3.965	74	46163	19.212	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57310	16.992	ug/l	79
10) 1,1-Dichloroethene	4.336	96	59274	18.015	ug/l	94
11) Methyl Iodide	4.577	142	58877	16.814	ug/l	90
12) Methyl Acetate	5.018	43	105672	19.907	ug/l	92
13) Acrolein	4.177	56	76696	98.203	ug/l	99
14) Acrylonitrile	5.706	53	236180	97.918	ug/l	98
15) Acetone	4.424	58	63872	90.552	ug/l	96
16) Carbon Disulfide	4.706	76	208629	18.801	ug/l	99
17) Allyl chloride	5.006	41	118554	18.542	ug/l	96
18) Methylene Chloride	5.271	84	79620m	19.468	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	71896	18.765	ug/l	89
20) Diisopropyl ether	6.659	45	256681	18.786	ug/l	96
21) 1,1-Dichloroethane	6.553	63	143051	18.584	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	84864	19.057	ug/l	97
23) tert-Butyl Alcohol	5.524	59	86459	97.482	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	257315	19.396	ug/l	100
25) Chloroform	7.953	83	142847	18.728	ug/l	98
26) Cyclohexane	8.235	56	106714	16.413	ug/l #	98
29) 1,1-Dichloropropene	8.347	75	96367	18.365	ug/l	99
30) 2-Butanone	7.471	43	327303	96.429	ug/l	98
31) 2,2-Dichloropropane	7.471	77	112256	17.345	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	119999	18.551	ug/l	98
33) Carbon Tetrachloride	8.341	117	97677	17.683	ug/l	98
34) Benzene	8.582	78	299669	19.106	ug/l #	93
35) Methacrylonitrile	7.759	41	69495	19.629	ug/l	94
36) 1,2-Dichloroethane	8.653	62	120013	19.661	ug/l	98
37) Trichloroethene	9.329	130	64617	18.180	ug/l	98
38) Methylcyclohexane	9.582	83	99896	16.606	ug/l	99
39) 1,2-Dichloropropane	9.600	63	78870	19.491	ug/l	90
40) Dibromomethane	9.688	93	56759	19.523	ug/l	99
41) Bromodichloromethane	9.865	83	116210	19.856	ug/l	99
42) Vinyl Acetate	6.588	43	1092816	96.465	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	134361	19.674 ug/l	96
44) Isopropyl Acetate	8.671	43	208844	19.843 ug/l	99
45) 1,4-Dioxane	9.676	88	29023	457.924 ug/l	94
46) Methyl methacrylate	9.659	41	90781	18.433 ug/l	96
47) n-amyl Acetate	12.688	43	103680m	19.440 ug/l	
48) t-1,3-Dichloropropene	10.812	75	116148	18.554 ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	122990	18.883 ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	71176	19.799 ug/l	94
51) Ethyl methacrylate	10.853	69	111049	18.775 ug/l	98
52) 1,3-Dichloropropane	11.141	76	127801	19.520 ug/l	99
53) Dibromochloromethane	11.341	129	80293	19.444 ug/l	98
54) 1,2-Dibromoethane	11.447	107	72030	19.284 ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	344568	101.131 ug/l	99
56) Bromoform	12.559	173	48800	18.671 ug/l	99
58) 4-Methyl-2-Pentanone	10.423	43	643377	101.096 ug/l	99
59) 2-Hexanone	11.176	43	393465	93.108 ug/l	100
61) Tetrachloroethene	11.082	164	54040	18.628 ug/l	94
62) Toluene	10.612	91	313035	19.386 ug/l	98
64) Chlorobenzene	11.870	112	191339	19.133 ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	66791	19.513 ug/l	96
66) Ethyl Benzene	11.941	91	332207	18.667 ug/l	98
67) m/p-Xylenes	12.053	106	248347	37.317 ug/l	99
68) o-Xylene	12.376	106	119521	19.038 ug/l	98
69) Styrene	12.394	104	195500	18.335 ug/l	99
70) Isopropylbenzene	12.676	105	294499	17.700 ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	101792	18.887 ug/l	98
72) 1,2,3-Trichloropropane	12.976	75	109453m	20.963 ug/l	
73) Bromobenzene	12.959	156	72384	19.271 ug/l	96
74) n-propylbenzene	13.012	91	372792	18.105 ug/l	100
75) 2-Chlorotoluene	13.106	91	227167	18.144 ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	251921	18.038 ug/l	98
77) t-1,4-Dichloro-2-butene	12.723	75	31173	17.386 ug/l	89
78) 4-Chlorotoluene	13.200	91	235228	18.540 ug/l	98
79) tert-butylbenzene	13.417	119	212022	17.732 ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	252748	18.199 ug/l	98
81) sec-Butylbenzene	13.594	105	303762	17.417 ug/l	99
82) p-Isopropyltoluene	13.706	119	250478	17.381 ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	133127	18.242 ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	138360	18.721 ug/l	99
85) n-Butylbenzene	14.035	91	237919	17.323 ug/l	98
86) Hexachloroethane	14.311	117	48251	17.487 ug/l	97
87) 1,2-Dichlorobenzene	14.088	146	132768	19.274 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	24904	19.659 ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	71398	18.470 ug/l	97
90) Hexachlorobutadiene	15.476	225	26997	17.984 ug/l	94
91) Naphthalene	15.617	128	257726	18.427 ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	71398	18.470 ug/l	97

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

ICAL Form

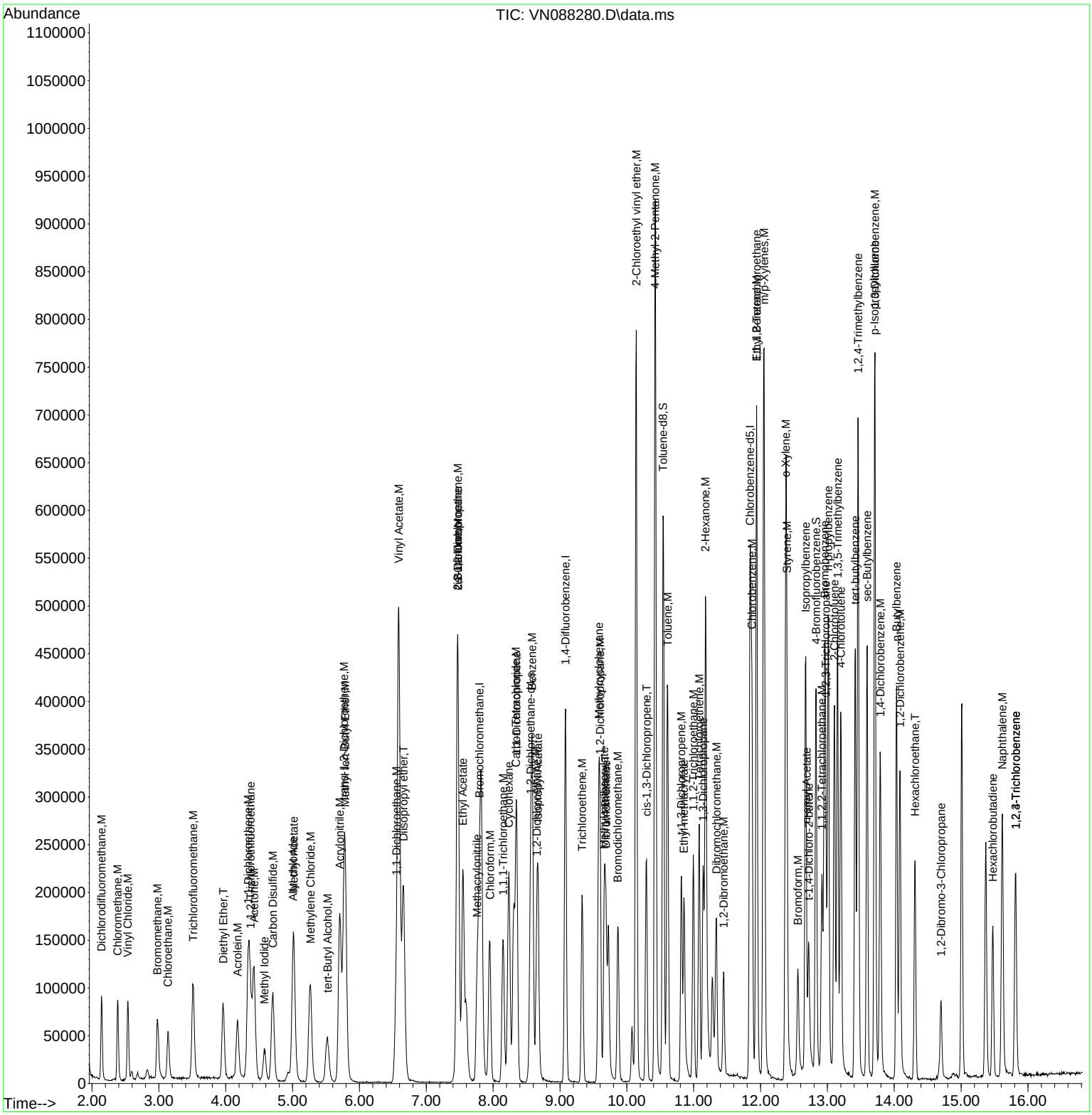
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	105	0.00
2	M	Dichlorodifluoromethane	2.109	1.931	8.4	86	0.00
3	M	Chloromethane	2.174	2.160	0.6	99	0.00
4	M	Vinyl Chloride	2.299	2.119	7.8	93	0.00
5	M	Bromomethane	1.226	1.225	0.1	106	0.00
6	M	Chloroethane	1.421	1.268	10.8	89	0.00
7	M	Trichlorofluoromethane	3.223	2.760	14.4	84	0.00
8	T	Diethyl Ether	1.205	1.157	4.0	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.691	1.437	15.0	84	0.00
10	M	1,1-Dichloroethene	1.650	1.486	9.9	90	0.00
11		Methyl Iodide	1.756	1.476	15.9	89	0.00
12		Methyl Acetate	2.661	2.649	0.5	103	0.00
13	M	Acrolein	0.392	0.385	1.8	114	0.00
14	M	Acrylonitrile	1.209	1.184	2.1	102	0.00
15	M	Acetone	0.354	0.320	9.6	93	0.00
16	M	Carbon Disulfide	5.564	5.230	6.0	93	0.00
17		Allyl chloride	3.206	2.972	7.3	95	-0.01
18	M	Methylene Chloride	2.050	1.996	2.6	100	0.01
19	M	trans-1,2-Dichloroethene	1.921	1.802	6.2	93	-0.01
20	T	Diisopropyl ether	6.850	6.435	6.1	97	0.00
21	M	1,1-Dichloroethane	3.859	3.586	7.1	94	0.00
22	M	cis-1,2-Dichloroethene	2.233	2.127	4.7	99	0.00
23	M	tert-Butyl Alcohol	0.445	0.433	2.7	105	0.00
24	M	Methyl tert-Butyl Ether	6.651	6.451	3.0	102	0.00
25	M	Chloroform	3.824	3.581	6.4	97	0.00
26		Cyclohexane	3.260	2.675	17.9	80	0.00
27	s	1,2-Dichloroethane-d4	2.740	2.745	-0.2	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.501	0.460	8.2	90	0.00
30	M	2-Butanone	0.324	0.312	3.7	99	0.00
31		2,2-Dichloropropane	0.617	0.535	13.3	85	0.00
32	M	1,1,1-Trichloroethane	0.617	0.572	7.3	91	0.00
33	M	Carbon Tetrachloride	0.527	0.466	11.6	87	0.00
34	M	Benzene	1.496	1.429	4.5	95	0.00
35		Methacrylonitrile	0.338	0.331	2.1	102	0.00
36	M	1,2-Dichloroethane	0.582	0.572	1.7	99	0.00
37	M	Trichloroethene	0.339	0.308	9.1	90	0.00
38		Methylcyclohexane	0.574	0.476	17.1	80	0.00
39	M	1,2-Dichloropropane	0.386	0.376	2.6	99	0.00
40		Dibromomethane	0.277	0.271	2.2	97	0.00
41	M	Bromodichloromethane	0.558	0.554	0.7	103	0.00
42	M	Vinyl Acetate	1.081	1.043	3.5	99	0.00
43		Ethyl Acetate	0.651	0.641	1.5	99	0.00
44		Isopropyl Acetate	1.004	0.996	0.8	102	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	110	0.00
46		Methyl methacrylate	0.470	0.433	7.9	96	0.00
47		n-amyl Acetate	0.509	0.495	2.8	108	0.02
48	M	t-1,3-Dichloropropene	0.597	0.554	7.2	99	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.621	0.587	5.5	96	0.00
50	M	1,1,2-Trichloroethane	0.343	0.339	1.2	101	0.00
51		Ethyl methacrylate	0.564	0.530	6.0	101	0.00
52		1,3-Dichloropropane	0.625	0.610	2.4	99	0.00
53	M	Dibromochloromethane	0.394	0.383	2.8	101	0.00
54	M	1,2-Dibromoethane	0.356	0.344	3.4	100	0.00
55	M	2-Chloroethyl vinyl ether	0.325	0.329	-1.2	108	0.00
56	M	Bromoform	0.249	0.233	6.4	99	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.679	0.686	-1.0	103	0.00
59	M	2-Hexanone	0.451	0.420	6.9	98	0.00
60	S	4-Bromofluorobenzene	0.507	0.503	0.8	104	0.00
61	M	Tetrachloroethene	0.309	0.288	6.8	90	0.00
62	M	Toluene	1.722	1.669	3.1	96	0.00
63	S	Toluene-d8	1.420	1.415	0.4	100	0.00
64	M	Chlorobenzene	1.066	1.020	4.3	98	0.00
65		1,1,1,2-Tetrachloroethane	0.365	0.356	2.5	99	0.00
66	M	Ethyl Benzene	1.897	1.771	6.6	94	0.00
67	M	m/p-Xylenes	0.710	0.662	6.8	94	0.00
68	M	o-Xylene	0.669	0.637	4.8	98	0.00
69	M	Styrene	1.137	1.042	8.4	96	0.00
70		Isopropylbenzene	1.774	1.570	11.5	89	0.00
71	M	1,1,2,2-Tetrachloroethane	0.575	0.543	5.6	97	0.00
72		1,2,3-Trichloropropane	0.557	0.583	-4.7	117	0.00
73		Bromobenzene	0.400	0.386	3.5	99	0.00
74		n-propylbenzene	2.195	1.987	9.5	91	0.00
75		2-Chlorotoluene	1.335	1.211	9.3	93	0.00
76		1,3,5-Trimethylbenzene	1.489	1.343	9.8	92	0.00
77		t-1,4-Dichloro-2-butene	0.191	0.166	13.1	95	0.00
78		4-Chlorotoluene	1.353	1.254	7.3	94	0.00
79		tert-butylbenzene	1.275	1.130	11.4	91	0.00
80		1,2,4-Trimethylbenzene	1.481	1.347	9.0	94	0.00
81		sec-Butylbenzene	1.859	1.619	12.9	86	0.00
82		p-Isopropyltoluene	1.536	1.335	13.1	87	0.00
83	M	1,3-Dichlorobenzene	0.778	0.710	8.7	91	0.00
84	M	1,4-Dichlorobenzene	0.788	0.738	6.3	96	0.00
85		n-Butylbenzene	1.464	1.268	13.4	84	0.00
86	T	Hexachloroethane	0.294	0.257	12.6	90	0.00
87	M	1,2-Dichlorobenzene	0.734	0.708	3.5	97	0.00
88		1,2-Dibromo-3-Chloropropane	0.135	0.133	1.5	105	0.00
89		1,2,4-Trichlorobenzene	0.412	0.381	7.5	97	0.00
90		Hexachlorobutadiene	0.160	0.144	10.0	89	0.00
91	M	Naphthalene	1.491	1.374	7.8	98	0.00
92		1,2,3-Trichlorobenzene	0.412	0.381	7.5	97	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	105	0.00
2	M	Dichlorodifluoromethane	20.000	18.315	8.4	86	0.00
3	M	Chloromethane	20.000	19.872	0.6	99	0.00
4	M	Vinyl Chloride	20.000	18.433	7.8	93	0.00
5	M	Bromomethane	20.000	19.985	0.1	106	0.00
6	M	Chloroethane	20.000	17.844	10.8	89	0.00
7	M	Trichlorofluoromethane	20.000	17.128	14.4	84	0.00
8	T	Diethyl Ether	20.000	19.212	3.9	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	16.992	15.0	84	0.00
10	M	1,1-Dichloroethene	20.000	18.015	9.9	90	0.00
11		Methyl Iodide	20.000	16.814	15.9	89	0.00
12		Methyl Acetate	20.000	19.907	0.5	103	0.00
13	M	Acrolein	100.000	98.203	1.8	114	0.00
14	M	Acrylonitrile	100.000	97.918	2.1	102	0.00
15	M	Acetone	100.000	90.552	9.4	93	0.00
16	M	Carbon Disulfide	20.000	18.801	6.0	93	0.00
17		Allyl chloride	20.000	18.542	7.3	95	-0.01
18	M	Methylene Chloride	20.000	19.468	2.7	100	0.01
19	M	trans-1,2-Dichloroethene	20.000	18.765	6.2	93	-0.01
20	T	Diisopropyl ether	20.000	18.786	6.1	97	0.00
21	M	1,1-Dichloroethane	20.000	18.584	7.1	94	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.057	4.7	99	0.00
23	M	tert-Butyl Alcohol	100.000	97.482	2.5	105	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.396	3.0	102	0.00
25	M	Chloroform	20.000	18.728	6.4	97	0.00
26		Cyclohexane	20.000	16.413	17.9	80	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.050	-0.2	106	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29		1,1-Dichloropropene	20.000	18.365	8.2	90	0.00
30	M	2-Butanone	100.000	96.429	3.6	99	0.00
31		2,2-Dichloropropane	20.000	17.345	13.3	85	0.00
32	M	1,1,1-Trichloroethane	20.000	18.551	7.2	91	0.00
33	M	Carbon Tetrachloride	20.000	17.683	11.6	87	0.00
34	M	Benzene	20.000	19.106	4.5	95	0.00
35		Methacrylonitrile	20.000	19.629	1.9	102	0.00
36	M	1,2-Dichloroethane	20.000	19.661	1.7	99	0.00
37	M	Trichloroethene	20.000	18.180	9.1	90	0.00
38		Methylcyclohexane	20.000	16.606	17.0	80	0.00
39	M	1,2-Dichloropropane	20.000	19.491	2.5	99	0.00
40		Dibromomethane	20.000	19.523	2.4	97	0.00
41	M	Bromodichloromethane	20.000	19.856	0.7	103	0.00
42	M	Vinyl Acetate	100.000	96.465	3.5	99	0.00
43		Ethyl Acetate	20.000	19.674	1.6	99	0.00
44		Isopropyl Acetate	20.000	19.843	0.8	102	0.00
45	T	1,4-Dioxane	400.000	457.924	-14.5	110	0.00
46		Methyl methacrylate	20.000	18.433	7.8	96	0.00
47		n-amyl Acetate	20.000	19.440	2.8	108	0.02
48	M	t-1,3-Dichloropropene	20.000	18.554	7.2	99	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088280.D
Acq On : 13 Nov 2025 14:52
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Quant Time: Nov 14 00:53:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	18.883	5.6	96	0.00
50	M	1,1,2-Trichloroethane	20.000	19.799	1.0	101	0.00
51		Ethyl methacrylate	20.000	18.775	6.1	101	0.00
52		1,3-Dichloropropane	20.000	19.520	2.4	99	0.00
53	M	Dibromochloromethane	20.000	19.444	2.8	101	0.00
54	M	1,2-Dibromoethane	20.000	19.284	3.6	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	101.131	-1.1	108	0.00
56	M	Bromoform	20.000	18.671	6.6	99	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	100.000	101.096	-1.1	103	0.00
59	M	2-Hexanone	100.000	93.108	6.9	98	0.00
60	S	4-Bromofluorobenzene	30.000	29.776	0.7	104	0.00
61	M	Tetrachloroethene	20.000	18.628	6.9	90	0.00
62	M	Toluene	20.000	19.386	3.1	96	0.00
63	S	Toluene-d8	30.000	29.898	0.3	100	0.00
64	M	Chlorobenzene	20.000	19.133	4.3	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.513	2.4	99	0.00
66	M	Ethyl Benzene	20.000	18.667	6.7	94	0.00
67	M	m/p-Xylenes	40.000	37.317	6.7	94	0.00
68	M	o-Xylene	20.000	19.038	4.8	98	0.00
69	M	Styrene	20.000	18.335	8.3	96	0.00
70		Isopropylbenzene	20.000	17.700	11.5	89	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.887	5.6	97	0.00
72		1,2,3-Trichloropropane	20.000	20.963	-4.8	117	0.00
73		Bromobenzene	20.000	19.271	3.6	99	0.00
74		n-propylbenzene	20.000	18.105	9.5	91	0.00
75		2-Chlorotoluene	20.000	18.144	9.3	93	0.00
76		1,3,5-Trimethylbenzene	20.000	18.038	9.8	92	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.386	13.1	95	0.00
78		4-Chlorotoluene	20.000	18.540	7.3	94	0.00
79		tert-butylbenzene	20.000	17.732	11.3	91	0.00
80		1,2,4-Trimethylbenzene	20.000	18.199	9.0	94	0.00
81		sec-Butylbenzene	20.000	17.417	12.9	86	0.00
82		p-Isopropyltoluene	20.000	17.381	13.1	87	0.00
83	M	1,3-Dichlorobenzene	20.000	18.242	8.8	91	0.00
84	M	1,4-Dichlorobenzene	20.000	18.721	6.4	96	0.00
85		n-Butylbenzene	20.000	17.323	13.4	84	0.00
86	T	Hexachloroethane	20.000	17.487	12.6	90	0.00
87	M	1,2-Dichlorobenzene	20.000	19.274	3.6	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.659	1.7	105	0.00
89		1,2,4-Trichlorobenzene	20.000	18.470	7.7	97	0.00
90		Hexachlorobutadiene	20.000	17.984	10.1	89	0.00
91	M	Naphthalene	20.000	18.427	7.9	98	0.00
92		1,2,3-Trichlorobenzene	20.000	18.470	7.7	97	0.00

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

Raw Data: **VN088463.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TULL01
Lab Code:	ACE	SDG No.:	Q3760
Instrument ID:	MSVOA_N	Calibration Date/Time:	12/05/2025 08:56
Lab File ID:	VN088463.D	Init. Calib. Date(s):	11/13/2025 11/13/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	10:14 11:50

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.496	1.622	0.5	8.42	
Toluene	1.722	1.886	0.4	9.52	
Ethyl Benzene	1.897	2.024	0.1	6.7	
m/p-Xylenes	0.710	0.754	0.3	6.2	
o-Xylene	0.669	0.697	0.3	4.18	
1,2-Dichloroethane-d4	2.740	2.985	0.01	8.94	
Toluene-d8	1.420	1.494	0.01	5.21	
4-Bromofluorobenzene	0.507	0.510	0.2	0.59	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.788	128	59227	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.077	114	320011	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.841	117	286792	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	176774	32.675	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.933%				
60) 4-Bromofluorobenzene	12.823	95	146237	30.164	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.533%				
63) Toluene-d8	10.541	98	428479	31.557	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	94184	22.622	ug/l		99
3) Chloromethane	2.383	50	93114	21.692	ug/l		90
4) Vinyl Chloride	2.536	62	95793	21.105	ug/l		96
5) Bromomethane	2.983	94	44880	18.545	ug/l		82
6) Chloroethane	3.148	64	62876	22.412	ug/l	#	84
7) Trichlorofluoromethane	3.518	101	151070	23.740	ug/l		96
8) Diethyl Ether	3.965	74	50599	21.274	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.377	101	78344	23.468	ug/l		98
10) 1,1-Dichloroethene	4.347	96	72756	22.340	ug/l		90
11) Methyl Iodide	4.583	142	59928	17.291	ug/l		90
12) Methyl Acetate	5.018	43	117501	22.363	ug/l	#	89
13) Acrolein	4.177	56	88903	115.004	ug/l		98
14) Acrylonitrile	5.712	53	242652m	101.635	ug/l		
15) Acetone	4.424	58	44951	64.383	ug/l		78
16) Carbon Disulfide	4.706	76	228023	20.760	ug/l		100
17) Allyl chloride	5.018	41	126570	19.999	ug/l		96
18) Methylene Chloride	5.265	84	86355	21.332	ug/l		90
19) trans-1,2-Dichloroethene	5.771	96	80133	21.130	ug/l		94
20) Diisopropyl ether	6.653	45	297553	22.002	ug/l		98
21) 1,1-Dichloroethane	6.547	63	170394	22.364	ug/l		97
22) cis-1,2-Dichloroethene	7.471	96	93887	21.300	ug/l		99
23) tert-Butyl Alcohol	5.506	59	73408	83.618	ug/l	#	100
24) Methyl tert-Butyl Ether	5.783	73	272854	20.779	ug/l		100
25) Chloroform	7.947	83	173494	22.980	ug/l		97
26) Cyclohexane	8.235	56	138559	21.529	ug/l	#	91
29) 1,1-Dichloropropene	8.347	75	118022	22.103	ug/l		97
30) 2-Butanone	7.465	43	299279	86.649	ug/l		98
31) 2,2-Dichloropropane	7.471	77	151175	22.955	ug/l		99
32) 1,1,1-Trichloroethane	8.147	97	152208	23.124	ug/l		99
33) Carbon Tetrachloride	8.341	117	128007	22.773	ug/l		98
34) Benzene	8.582	78	346069	21.683	ug/l		96
35) Methacrylonitrile	7.759	41	77135	21.410	ug/l		99
36) 1,2-Dichloroethane	8.647	62	141611	22.799	ug/l		97
37) Trichloroethene	9.329	130	76599	21.178	ug/l		91
38) Methylcyclohexane	9.577	83	121021	19.770	ug/l		97
39) 1,2-Dichloropropane	9.594	63	91062	22.115	ug/l		92
40) Dibromomethane	9.688	93	64817	21.909	ug/l		99
41) Bromodichloromethane	9.865	83	134133	22.522	ug/l		95
42) Vinyl Acetate	6.588	43	1303384	113.063	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

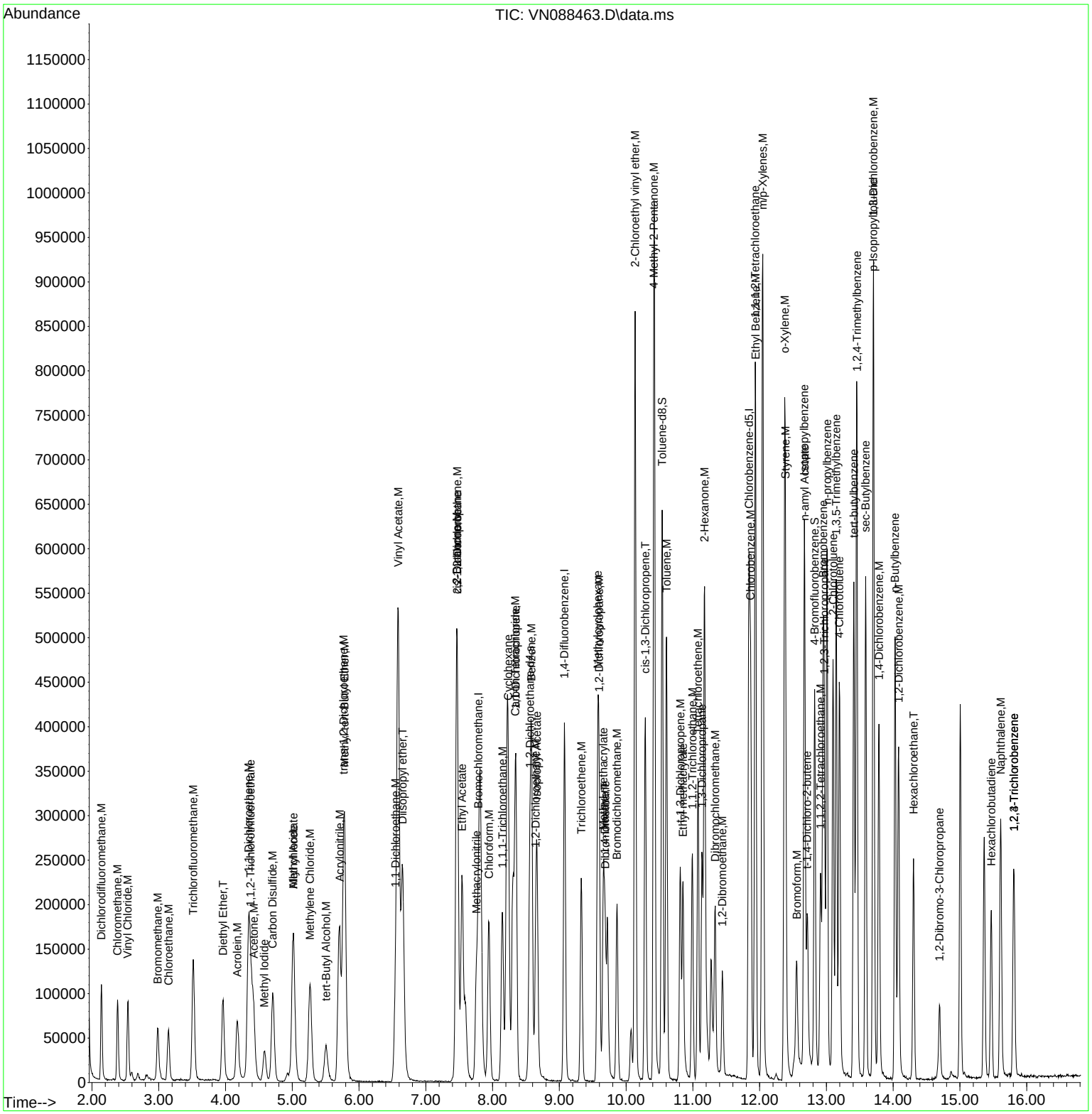
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	132211	19.025	ug/l	97
44) Isopropyl Acetate	8.665	43	222294	20.756	ug/l	98
45) 1,4-Dioxane	9.682	88	20867	323.546	ug/l	95
46) Methyl methacrylate	9.659	41	96475	19.250	ug/l	90
47) n-amyl Acetate	12.676	43	126098m	23.235	ug/l	
48) t-1,3-Dichloropropene	10.812	75	130395	20.470	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	145247	21.914	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	78702	21.514	ug/l	97
51) Ethyl methacrylate	10.853	69	122189	20.301	ug/l	95
52) 1,3-Dichloropropane	11.135	76	142499	21.389	ug/l	98
53) Dibromochloromethane	11.335	129	89109	21.206	ug/l	96
54) 1,2-Dibromoethane	11.441	107	78256	20.588	ug/l	98
55) 2-Chloroethyl vinyl ether	10.135	63	371373	107.114	ug/l	99
56) Bromoform	12.559	173	53681	20.183	ug/l	98
58) 4-Methyl-2-Pentanone	10.418	43	707806	109.119	ug/l	98
59) 2-Hexanone	11.176	43	426609	99.045	ug/l	98
61) Tetrachloroethene	11.076	164	69724	23.580	ug/l	96
62) Toluene	10.606	91	360586	21.910	ug/l	99
64) Chlorobenzene	11.865	112	216153	21.206	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	76739	21.996	ug/l	98
66) Ethyl Benzene	11.941	91	387071	21.339	ug/l	99
67) m/p-Xylenes	12.047	106	288470	42.527	ug/l	96
68) o-Xylene	12.376	106	133315	20.834	ug/l	100
69) Styrene	12.388	104	233398	21.476	ug/l	99
70) Isopropylbenzene	12.670	105	358264	21.126	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.912	83	116013	21.119	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	105751m	19.872	ug/l	
73) Bromobenzene	12.953	156	81337	21.245	ug/l	97
74) n-propylbenzene	13.012	91	452151	21.545	ug/l	99
75) 2-Chlorotoluene	13.100	91	265903	20.837	ug/l	98
76) 1,3,5-Trimethylbenzene	13.147	105	294960	20.721	ug/l	99
77) t-1,4-Dichloro-2-butene	12.712	75	38743	21.200	ug/l	86
78) 4-Chlorotoluene	13.194	91	279836	21.639	ug/l	99
79) tert-butylbenzene	13.412	119	245070	20.109	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	297403	21.010	ug/l	97
81) sec-Butylbenzene	13.588	105	367360	20.666	ug/l	99
82) p-Isopropyltoluene	13.700	119	298050	20.292	ug/l	99
83) 1,3-Dichlorobenzene	13.706	146	159510	21.444	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	163238	21.670	ug/l	97
85) n-Butylbenzene	14.029	91	281516	20.110	ug/l	99
86) Hexachloroethane	14.306	117	51931	18.465	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	145745	20.758	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	25886	20.048	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	78169	19.840	ug/l	99
90) Hexachlorobutadiene	15.470	225	29984	19.596	ug/l	99
91) Naphthalene	15.611	128	267411	18.758	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	78169	19.840	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration



Sample Results: **VN088463.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	104	0.00
2	M	Dichlorodifluoromethane	2.109	2.385	-13.1	105	0.00
3	M	Chloromethane	2.174	2.358	-8.5	107	0.00
4	M	Vinyl Chloride	2.299	2.426	-5.5	105	0.00
5	M	Bromomethane	1.226	1.137	7.3	98	0.00
6	M	Chloroethane	1.421	1.592	-12.0	111	0.00
7	M	Trichlorofluoromethane	3.223	3.826	-18.7	116	0.00
8	T	Diethyl Ether	1.205	1.281	-6.3	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.691	1.984	-17.3	115	0.00
10	M	1,1-Dichloroethene	1.650	1.843	-11.7	110	0.01
11		Methyl Iodide	1.756	1.518	13.6	91	0.00
12		Methyl Acetate	2.661	2.976	-11.8	114	0.00
13	M	Acrolein	0.392	0.450	-14.8	133	0.00
14	M	Acrylonitrile	1.209	1.229	-1.7	105	0.00
15	M	Acetone	0.354	0.228	35.6#	65	0.00
16	M	Carbon Disulfide	5.564	5.775	-3.8	102	0.00
17		Allyl chloride	3.206	3.206	0.0	101	0.00
18	M	Methylene Chloride	2.050	2.187	-6.7	109	0.00
19	M	trans-1,2-Dichloroethene	1.921	2.029	-5.6	104	-0.01
20	T	Diisopropyl ether	6.850	7.536	-10.0	112	0.00
21	M	1,1-Dichloroethane	3.859	4.315	-11.8	112	0.00
22	M	cis-1,2-Dichloroethene	2.233	2.378	-6.5	109	0.00
23	M	tert-Butyl Alcohol	0.445	0.372	16.4	89	-0.02
24	M	Methyl tert-Butyl Ether	6.651	6.910	-3.9	109	0.00
25	M	Chloroform	3.824	4.394	-14.9	118	0.00
26		Cyclohexane	3.260	3.509	-7.6	104	0.00
27	s	1,2-Dichloroethane-d4	2.740	2.985	-8.9	114	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.501	0.553	-10.4	110	0.00
30	M	2-Butanone	0.324	0.281	13.3	91	0.00
31		2,2-Dichloropropane	0.617	0.709	-14.9	115	0.00
32	M	1,1,1-Trichloroethane	0.617	0.713	-15.6	116	0.00
33	M	Carbon Tetrachloride	0.527	0.600	-13.9	114	0.00
34	M	Benzene	1.496	1.622	-8.4	110	0.00
35		Methacrylonitrile	0.338	0.362	-7.1	113	0.00
36	M	1,2-Dichloroethane	0.582	0.664	-14.1	117	0.00
37	M	Trichloroethene	0.339	0.359	-5.9	107	0.00
38		Methylcyclohexane	0.574	0.567	1.2	97	0.00
39	M	1,2-Dichloropropane	0.386	0.427	-10.6	114	0.00
40		Dibromomethane	0.277	0.304	-9.7	111	0.00
41	M	Bromodichloromethane	0.558	0.629	-12.7	119	0.00
42	M	Vinyl Acetate	1.081	1.222	-13.0	118	0.00
43		Ethyl Acetate	0.651	0.620	4.8	97	0.00
44		Isopropyl Acetate	1.004	1.042	-3.8	108	0.00
45	T	1,4-Dioxane	0.006	0.005	16.7	79	0.00
46		Methyl methacrylate	0.470	0.452	3.8	102	0.00
47		n-amyl Acetate	0.509	0.591	-16.1	131	0.00
48	M	t-1,3-Dichloropropene	0.597	0.611	-2.3	111	0.00

Sample Results: **VN088463.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.621	0.681	-9.7	113	0.00
50	M	1,1,2-Trichloroethane	0.343	0.369	-7.6	112	0.00
51		Ethyl methacrylate	0.564	0.573	-1.6	111	0.00
52		1,3-Dichloropropane	0.625	0.668	-6.9	111	0.00
53	M	Dibromochloromethane	0.394	0.418	-6.1	112	0.00
54	M	1,2-Dibromoethane	0.356	0.367	-3.1	109	0.00
55	M	2-Chloroethyl vinyl ether	0.325	0.348	-7.1	116	0.00
56	M	Bromoform	0.249	0.252	-1.2	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.679	0.740	-9.0	113	0.00
59	M	2-Hexanone	0.451	0.446	1.1	107	0.00
60	S	4-Bromofluorobenzene	0.507	0.510	-0.6	108	0.00
61	M	Tetrachloroethene	0.309	0.365	-18.1	116	0.00
62	M	Toluene	1.722	1.886	-9.5	111	0.00
63	S	Toluene-d8	1.420	1.494	-5.2	107	0.00
64	M	Chlorobenzene	1.066	1.131	-6.1	111	0.00
65		1,1,1,2-Tetrachloroethane	0.365	0.401	-9.9	113	0.00
66	M	Ethyl Benzene	1.897	2.024	-6.7	110	0.00
67	M	m/p-Xylenes	0.710	0.754	-6.2	109	0.00
68	M	o-Xylene	0.669	0.697	-4.2	109	0.00
69	M	Styrene	1.137	1.221	-7.4	114	0.00
70		Isopropylbenzene	1.774	1.874	-5.6	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.575	0.607	-5.6	110	0.00
72		1,2,3-Trichloropropane	0.557	0.553	0.7	113	0.00
73		Bromobenzene	0.400	0.425	-6.2	111	0.00
74		n-propylbenzene	2.195	2.365	-7.7	110	0.00
75		2-Chlorotoluene	1.335	1.391	-4.2	108	0.00
76		1,3,5-Trimethylbenzene	1.489	1.543	-3.6	107	0.00
77		t-1,4-Dichloro-2-butene	0.191	0.203	-6.3	118	0.00
78		4-Chlorotoluene	1.353	1.464	-8.2	112	0.00
79		tert-butylbenzene	1.275	1.282	-0.5	105	0.00
80		1,2,4-Trimethylbenzene	1.481	1.555	-5.0	110	0.00
81		sec-Butylbenzene	1.859	1.921	-3.3	105	0.00
82		p-Isopropyltoluene	1.536	1.559	-1.5	103	0.00
83	M	1,3-Dichlorobenzene	0.778	0.834	-7.2	109	0.00
84	M	1,4-Dichlorobenzene	0.788	0.854	-8.4	113	0.00
85		n-Butylbenzene	1.464	1.472	-0.5	100	0.00
86	T	Hexachloroethane	0.294	0.272	7.5	97	0.00
87	M	1,2-Dichlorobenzene	0.734	0.762	-3.8	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.135	0.135	0.0	110	0.00
89		1,2,4-Trichlorobenzene	0.412	0.409	0.7	106	0.00
90		Hexachlorobutadiene	0.160	0.157	1.9	99	0.00
91	M	Naphthalene	1.491	1.399	6.2	101	0.00
92		1,2,3-Trichlorobenzene	0.412	0.409	0.7	106	0.00

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

Sample Results: **VN088463.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	104	0.00
2	M	Dichlorodifluoromethane	20.000	22.622	-13.1	105	0.00
3	M	Chloromethane	20.000	21.692	-8.5	107	0.00
4	M	Vinyl Chloride	20.000	21.105	-5.5	105	0.00
5	M	Bromomethane	20.000	18.545	7.3	98	0.00
6	M	Chloroethane	20.000	22.412	-12.1	111	0.00
7	M	Trichlorofluoromethane	20.000	23.740	-18.7	116	0.00
8	T	Diethyl Ether	20.000	21.274	-6.4	111	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	23.468	-17.3	115	0.00
10	M	1,1-Dichloroethene	20.000	22.340	-11.7	110	0.01
11		Methyl Iodide	20.000	17.291	13.5	91	0.00
12		Methyl Acetate	20.000	22.363	-11.8	114	0.00
13	M	Acrolein	100.000	115.004	-15.0	133	0.00
14	M	Acrylonitrile	100.000	101.635	-1.6	105	0.00
15	M	Acetone	100.000	64.383	35.6#	65	0.00
16	M	Carbon Disulfide	20.000	20.760	-3.8	102	0.00
17		Allyl chloride	20.000	19.999	0.0	101	0.00
18	M	Methylene Chloride	20.000	21.332	-6.7	109	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.130	-5.6	104	-0.01
20	T	Diisopropyl ether	20.000	22.002	-10.0	112	0.00
21	M	1,1-Dichloroethane	20.000	22.364	-11.8	112	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.300	-6.5	109	0.00
23	M	tert-Butyl Alcohol	100.000	83.618	16.4	89	-0.02
24	M	Methyl tert-Butyl Ether	20.000	20.779	-3.9	109	0.00
25	M	Chloroform	20.000	22.980	-14.9	118	0.00
26		Cyclohexane	20.000	21.529	-7.6	104	0.00
27	s	1,2-Dichloroethane-d4	30.000	32.675	-8.9	114	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29		1,1-Dichloropropene	20.000	22.103	-10.5	110	0.00
30	M	2-Butanone	100.000	86.649	13.4	91	0.00
31		2,2-Dichloropropane	20.000	22.955	-14.8	115	0.00
32	M	1,1,1-Trichloroethane	20.000	23.124	-15.6	116	0.00
33	M	Carbon Tetrachloride	20.000	22.773	-13.9	114	0.00
34	M	Benzene	20.000	21.683	-8.4	110	0.00
35		Methacrylonitrile	20.000	21.410	-7.1	113	0.00
36	M	1,2-Dichloroethane	20.000	22.799	-14.0	117	0.00
37	M	Trichloroethene	20.000	21.178	-5.9	107	0.00
38		Methylcyclohexane	20.000	19.770	1.2	97	0.00
39	M	1,2-Dichloropropane	20.000	22.115	-10.6	114	0.00
40		Dibromomethane	20.000	21.909	-9.5	111	0.00
41	M	Bromodichloromethane	20.000	22.522	-12.6	119	0.00
42	M	Vinyl Acetate	100.000	113.063	-13.1	118	0.00
43		Ethyl Acetate	20.000	19.025	4.9	97	0.00
44		Isopropyl Acetate	20.000	20.756	-3.8	108	0.00
45	T	1,4-Dioxane	400.000	323.546	19.1	79	0.00
46		Methyl methacrylate	20.000	19.250	3.8	102	0.00
47		n-amyl Acetate	20.000	23.235	-16.2	131	0.00
48	M	t-1,3-Dichloropropene	20.000	20.470	-2.3	111	0.00

Sample Results: **VN088463.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088463.D
Acq On : 05 Dec 2025 08:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	21.914	-9.6	113	0.00
50	M	1,1,2-Trichloroethane	20.000	21.514	-7.6	112	0.00
51		Ethyl methacrylate	20.000	20.301	-1.5	111	0.00
52		1,3-Dichloropropane	20.000	21.389	-6.9	111	0.00
53	M	Dibromochloromethane	20.000	21.206	-6.0	112	0.00
54	M	1,2-Dibromoethane	20.000	20.588	-2.9	109	0.00
55	M	2-Chloroethyl vinyl ether	100.000	107.114	-7.1	116	0.00
56	M	Bromoform	20.000	20.183	-0.9	109	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	100.000	109.119	-9.1	113	0.00
59	M	2-Hexanone	100.000	99.045	1.0	107	0.00
60	S	4-Bromofluorobenzene	30.000	30.164	-0.5	108	0.00
61	M	Tetrachloroethene	20.000	23.580	-17.9	116	0.00
62	M	Toluene	20.000	21.910	-9.6	111	0.00
63	S	Toluene-d8	30.000	31.557	-5.2	107	0.00
64	M	Chlorobenzene	20.000	21.206	-6.0	111	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.996	-10.0	113	0.00
66	M	Ethyl Benzene	20.000	21.339	-6.7	110	0.00
67	M	m/p-Xylenes	40.000	42.527	-6.3	109	0.00
68	M	o-Xylene	20.000	20.834	-4.2	109	0.00
69	M	Styrene	20.000	21.476	-7.4	114	0.00
70		Isopropylbenzene	20.000	21.126	-5.6	109	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.119	-5.6	110	0.00
72		1,2,3-Trichloropropane	20.000	19.872	0.6	113	0.00
73		Bromobenzene	20.000	21.245	-6.2	111	0.00
74		n-propylbenzene	20.000	21.545	-7.7	110	0.00
75		2-Chlorotoluene	20.000	20.837	-4.2	108	0.00
76		1,3,5-Trimethylbenzene	20.000	20.721	-3.6	107	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.200	-6.0	118	0.00
78		4-Chlorotoluene	20.000	21.639	-8.2	112	0.00
79		tert-butylbenzene	20.000	20.109	-0.5	105	0.00
80		1,2,4-Trimethylbenzene	20.000	21.010	-5.1	110	0.00
81		sec-Butylbenzene	20.000	20.666	-3.3	105	0.00
82		p-Isopropyltoluene	20.000	20.292	-1.5	103	0.00
83	M	1,3-Dichlorobenzene	20.000	21.444	-7.2	109	0.00
84	M	1,4-Dichlorobenzene	20.000	21.670	-8.4	113	0.00
85		n-Butylbenzene	20.000	20.110	-0.5	100	0.00
86	T	Hexachloroethane	20.000	18.465	7.7	97	0.00
87	M	1,2-Dichlorobenzene	20.000	20.758	-3.8	107	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.048	-0.2	110	0.00
89		1,2,4-Trichlorobenzene	20.000	19.840	0.8	106	0.00
90		Hexachlorobutadiene	20.000	19.596	2.0	99	0.00
91	M	Naphthalene	20.000	18.758	6.2	101	0.00
92		1,2,3-Trichlorobenzene	20.000	19.840	0.8	106	0.00

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

QC SAMPLE DATA

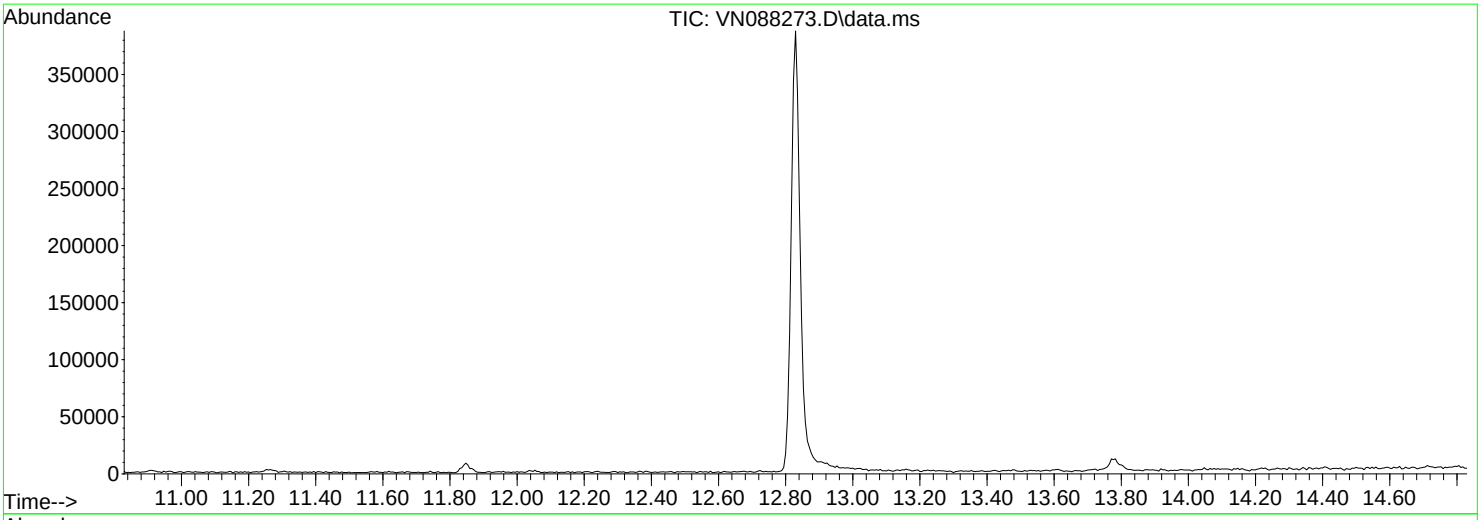
Sample Results: **VN088273.D**

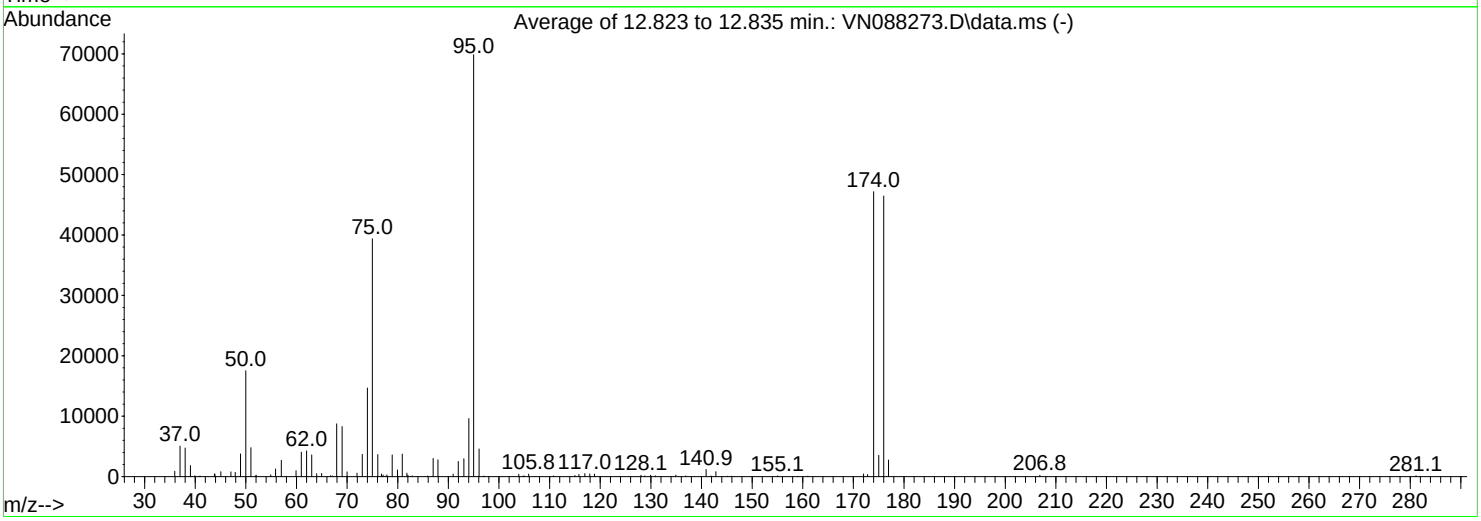
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
Data File : VN088273.D
Acq On : 13 Nov 2025 08:08
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Nov 14 00:49:21 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1841

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.1	17526	PASS
75	95	30	60	56.4	39381	PASS
95	95	100	100	100.0	69848	PASS
96	95	5	9	6.5	4575	PASS
173	174	0.00	2	0.7	340	PASS
174	95	50	100	67.5	47176	PASS
175	174	5	9	7.5	3521	PASS
176	174	95	101	98.5	46469	PASS
177	176	5	9	5.9	2756	PASS

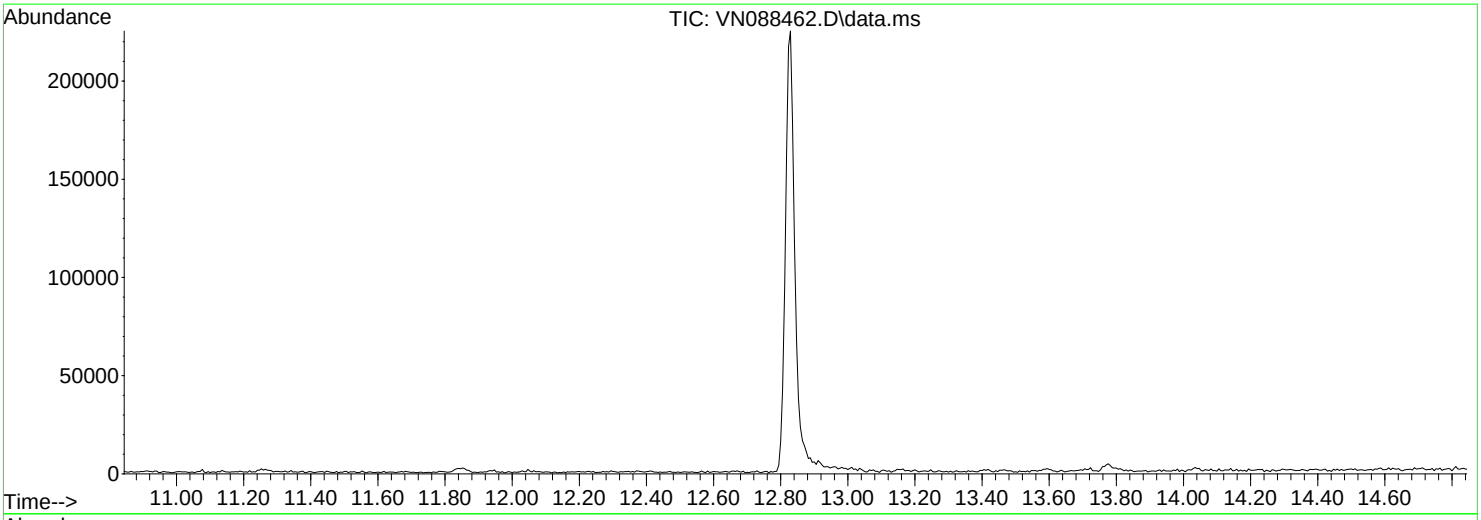
Sample Results: **VN088462.D**

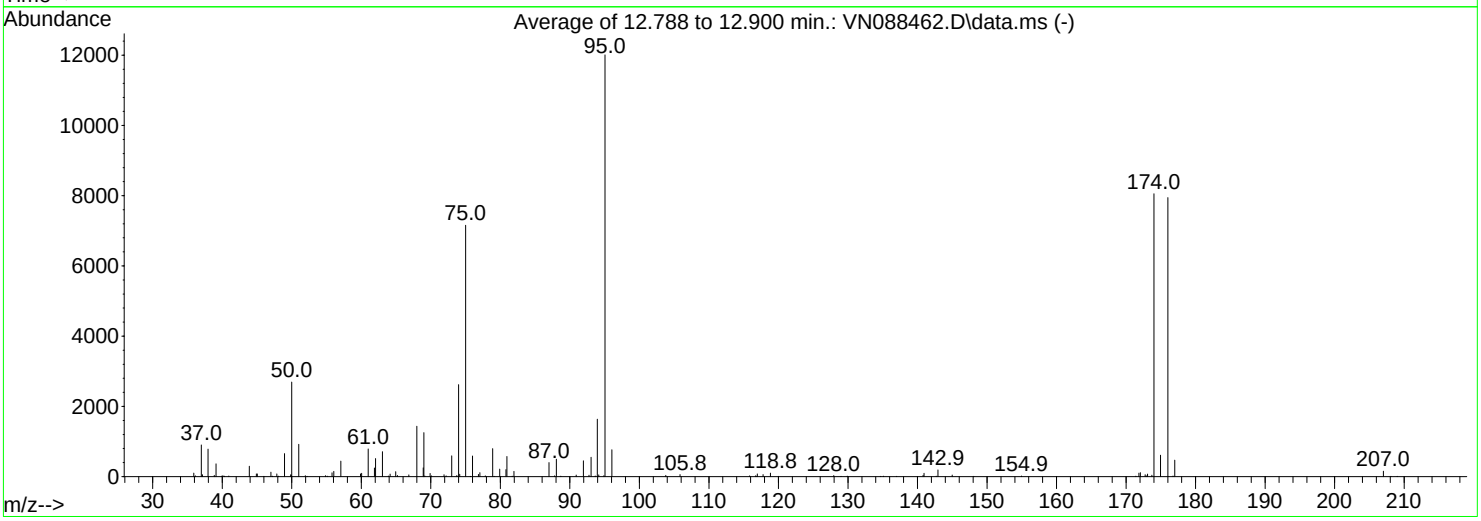
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088462.D
Acq On : 05 Dec 2025 08:16
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri Nov 14 00:49:21 2025





AutoFind: Averaged scan 1842 to 1861; Bkg corrected with scan 1841

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	2694	PASS
75	95	30	60	59.6	7156	PASS
95	95	100	100	100.0	12010	PASS
96	95	5	9	6.4	766	PASS
173	174	0.00	2	0.9	72	PASS
174	95	50	100	67.1	8054	PASS
175	174	5	9	7.6	612	PASS
176	174	95	101	98.6	7944	PASS
177	176	5	9	5.9	469	PASS

Raw Data: **VN088466.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:	VN1205WBL01			SDG No.:	Q3760
Lab Sample ID:	VN1205WBL01			Matrix:	Water
Analytical Method:	E624.1	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.45	U	1	0.45	5.00	ug/L	12/05/25 10:26	VN120525
108-88-3	Toluene	0.46	U	1	0.46	5.00	ug/L	12/05/25 10:26	VN120525
100-41-4	Ethyl Benzene	0.56	U	1	0.56	5.00	ug/L	12/05/25 10:26	VN120525
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.0	ug/L	12/05/25 10:26	VN120525
95-47-6	o-Xylene	0.67	U	1	0.67	5.00	ug/L	12/05/25 10:26	VN120525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	33.0			91 - 110	110%	SPK: 30		
2037-26-5	Toluene-d8	29.7			91 - 112	99%	SPK: 30		
460-00-4	4-Bromofluorobenzene	26.4			63 - 112	88%	SPK: 30		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	52600							
540-36-3	1,4-Difluorobenzene	265000							
3114-55-4	Chlorobenzene-d5	235000							

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\VN120525\
Data File : VN088466.D
Acq On : 05 Dec 2025 10:26
Operator : JC\MD
Sample : VN1205WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBL01

Quant Time: Dec 05 23:38:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

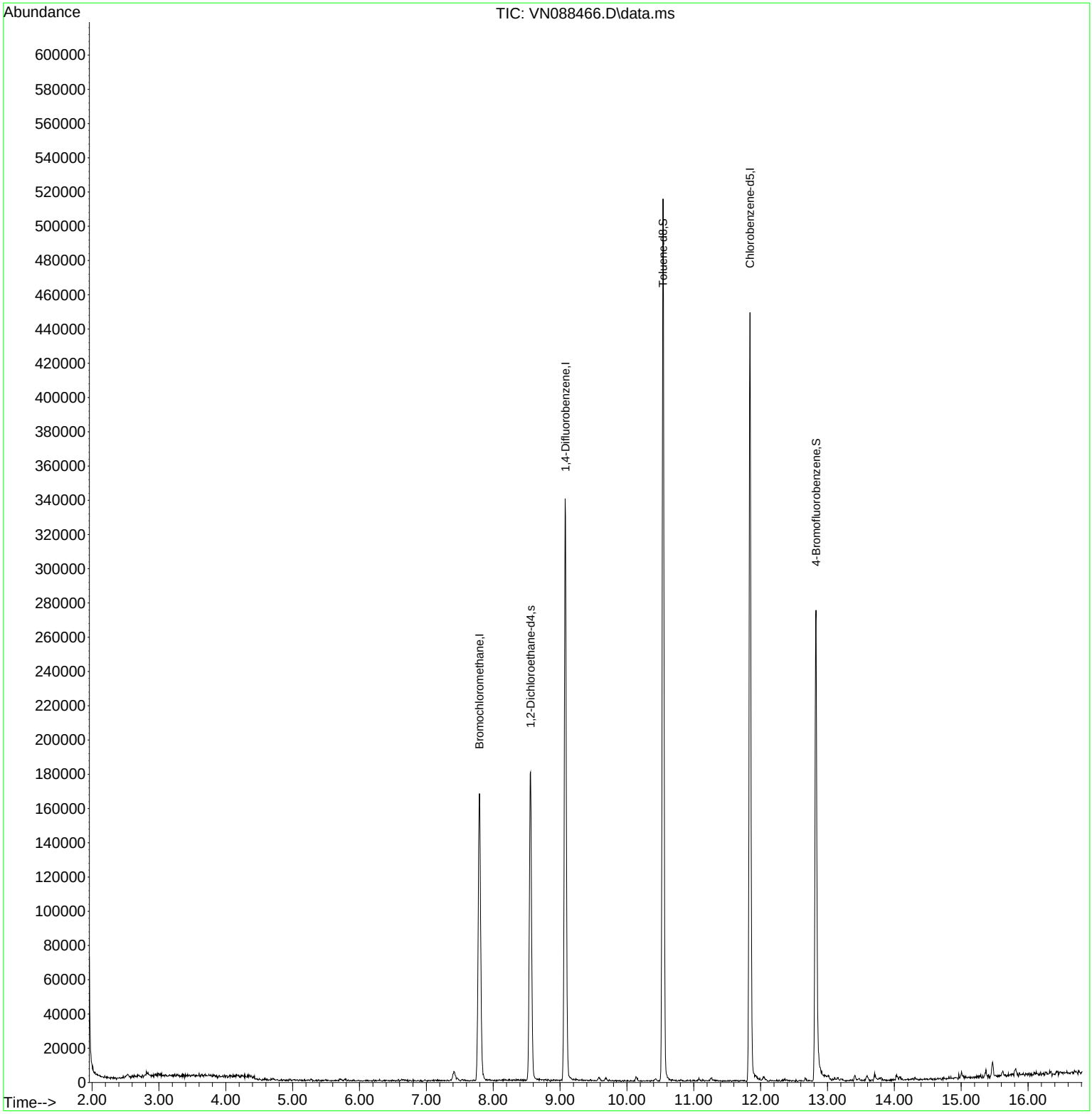
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	52610	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	265051	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	235330	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	158711	33.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.100%#			
60) 4-Bromofluorobenzene	12.829	95	105075	26.413	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.033%			
63) Toluene-d8	10.541	98	331315	29.737	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.133%			
Target Compounds						Qvalue

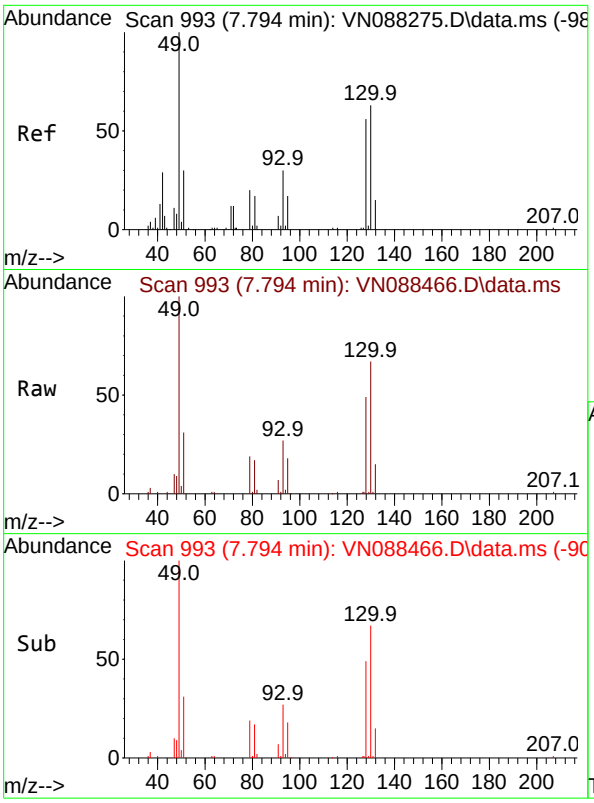
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088466.D
Acq On : 05 Dec 2025 10:26
Operator : JC\MD
Sample : VN1205WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBL01

Quant Time: Dec 05 23:38:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration



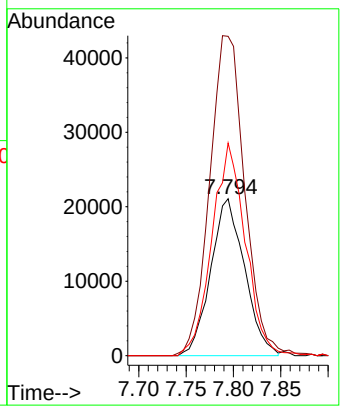


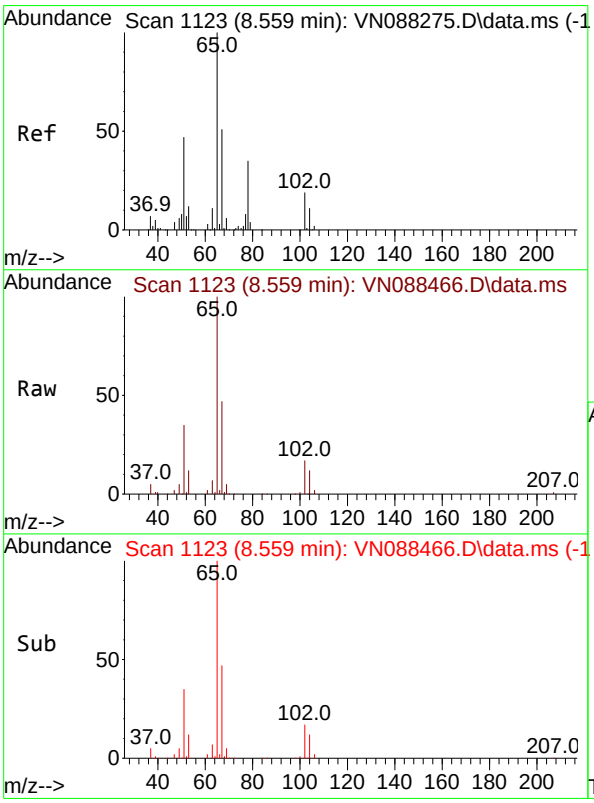
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN088466.D
Acq: 05 Dec 2025 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBL01

Tgt Ion:128 Resp: 52610

Ion	Ratio	Lower	Upper
128	100		
49	210.2	0.0	501.2
130	133.5	0.0	320.2

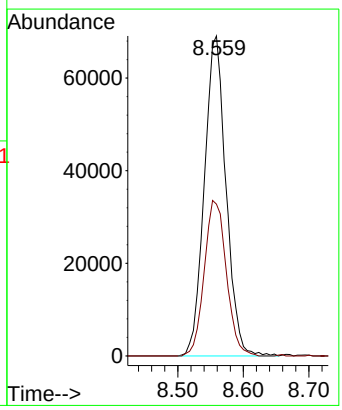


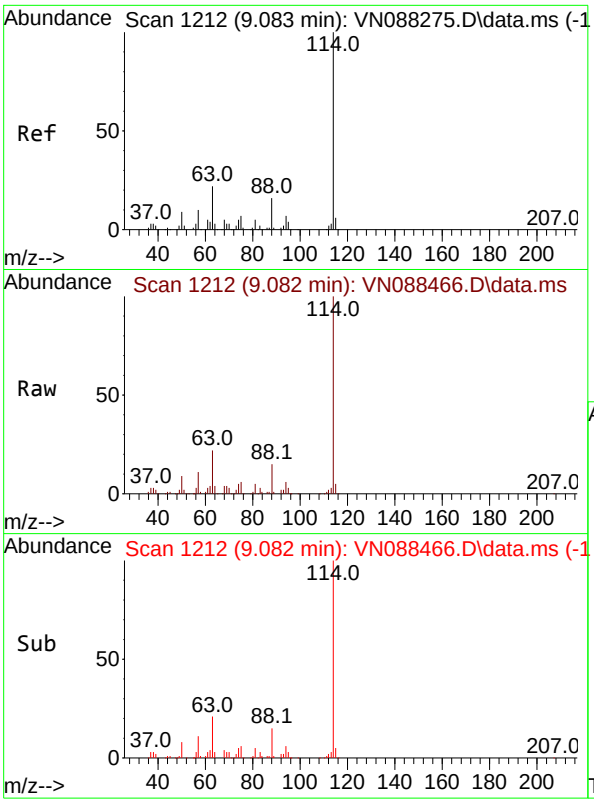


#27
1,2-Dichloroethane-d4
Concen: 33.026 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088466.D
Acq: 05 Dec 2025 10:26

Tgt Ion: 65 Resp: 158711

Ion	Ratio	Lower	Upper
65	100		
67	49.5	40.2	60.2



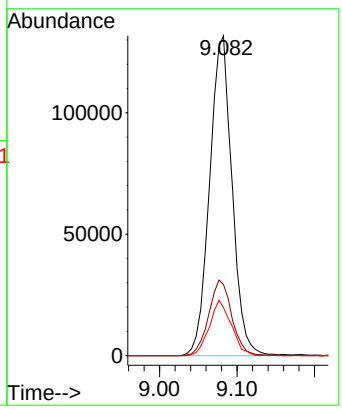


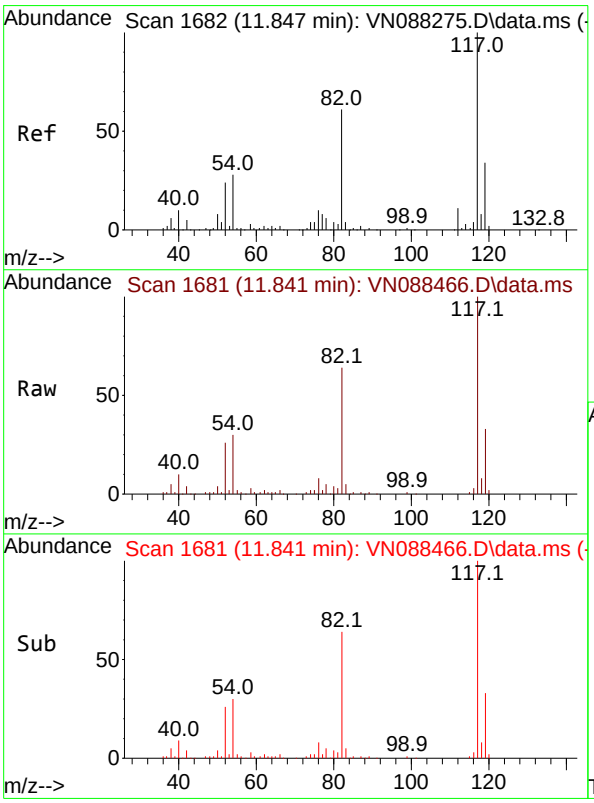
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088466.D
Acq: 05 Dec 2025 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBL01

Tgt Ion:114 Resp: 265051

Ion	Ratio	Lower	Upper
114	100		
63	24.4	18.9	28.3
88	16.9	12.8	19.2

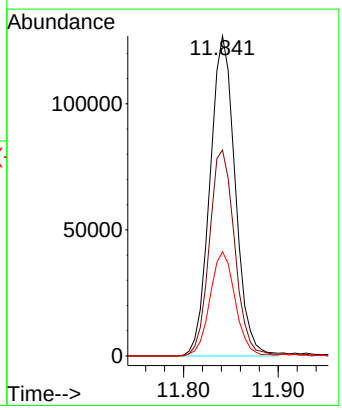


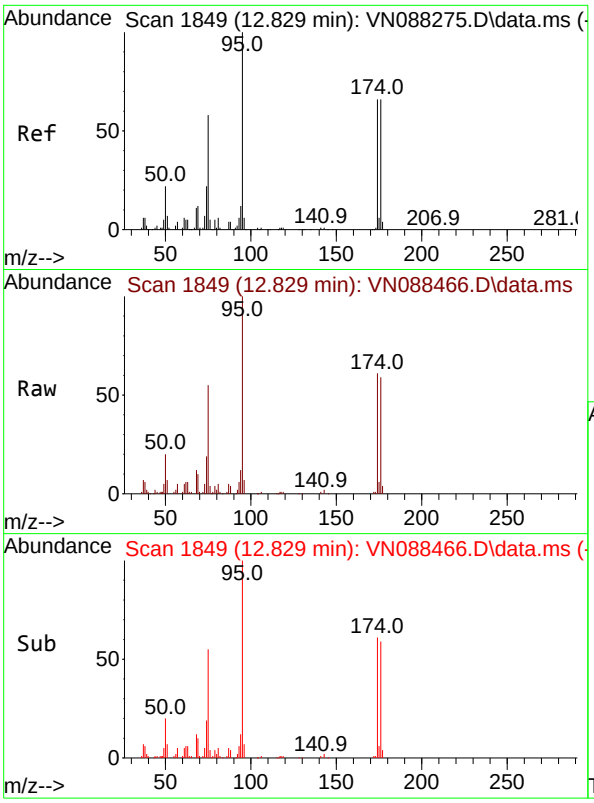


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088466.D
Acq: 05 Dec 2025 10:26

Tgt Ion:117 Resp: 235330

Ion	Ratio	Lower	Upper
117	100		
82	64.4	49.3	73.9
119	32.3	26.4	39.6



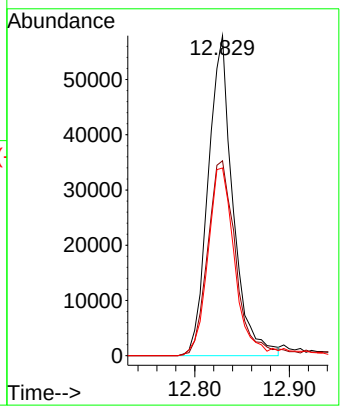


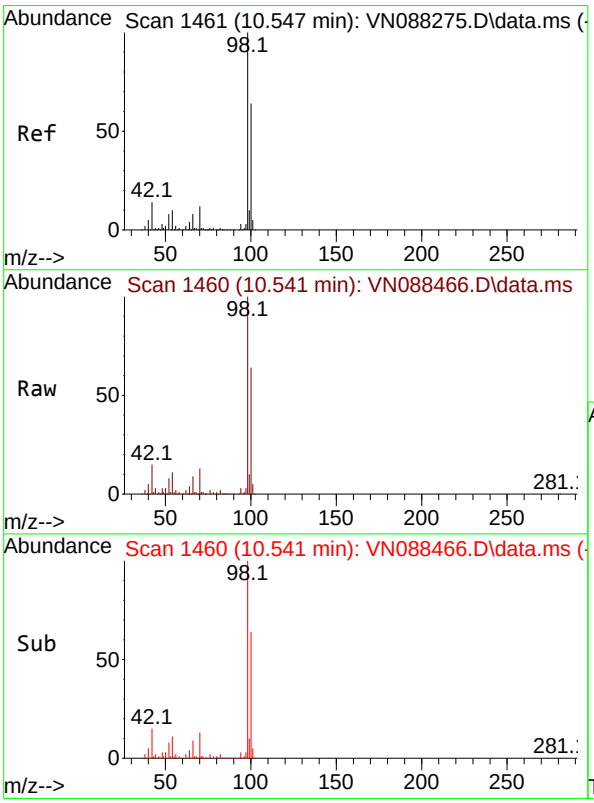
#60
4-Bromofluorobenzene
Concen: 26.413 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088466.D
Acq: 05 Dec 2025 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBL01

Tgt Ion: 95 Resp: 105075

Ion	Ratio	Lower	Upper
95	100		
174	68.2	54.5	81.7
176	62.8	53.8	80.6

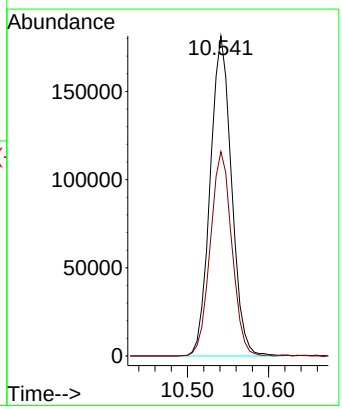




#63
Toluene-d8
Concen: 29.737 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088466.D
Acq: 05 Dec 2025 10:26

Tgt Ion: 98 Resp: 331315

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4



Raw Data: **VN088464.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:	VN1205WBS01			SDG No.:	Q3760
Lab Sample ID:	VN1205WBS01			Matrix:	Water
Analytical Method:	E624.1	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	20.6		1	0.45	5.00	ug/L	12/05/25 09:33	VN120525
108-88-3	Toluene	19.9		1	0.46	5.00	ug/L	12/05/25 09:33	VN120525
100-41-4	Ethyl Benzene	18.8		1	0.56	5.00	ug/L	12/05/25 09:33	VN120525
179601-23-1	m/p-Xylenes	38.2		1	1.30	10.0	ug/L	12/05/25 09:33	VN120525
95-47-6	o-Xylene	18.9		1	0.67	5.00	ug/L	12/05/25 09:33	VN120525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	31.1			91 - 110	104%	SPK: 30		
2037-26-5	Toluene-d8	31.0			91 - 112	103%	SPK: 30		
460-00-4	4-Bromofluorobenzene	29.7			63 - 112	99%	SPK: 30		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	55100							
540-36-3	1,4-Difluorobenzene	271000							
3114-55-4	Chlorobenzene-d5	253000							

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\VN120525\
Data File : VN088464.D
Acq On : 05 Dec 2025 09:33
Operator : JC\MD
Sample : VN1205WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Quant Time: Dec 05 23:36:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	55054	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	271017	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	253115	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	156464	31.113	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.700%			
60) 4-Bromofluorobenzene	12.824	95	127062	29.696	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.000%			
63) Toluene-d8	10.541	98	371651	31.014	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	64929	16.778	ug/l	98
3) Chloromethane	2.383	50	76902	19.273	ug/l	92
4) Vinyl Chloride	2.536	62	73357	17.387	ug/l	100
5) Bromomethane	2.983	94	38260	17.007	ug/l	99
6) Chloroethane	3.142	64	48633	18.649	ug/l	98
7) Trichlorofluoromethane	3.518	101	104964	17.745	ug/l	97
8) Diethyl Ether	3.965	74	42409	19.182	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	53481	17.234	ug/l	99
10) 1,1-Dichloroethene	4.348	96	56373	18.621	ug/l	87
11) Methyl Iodide	4.589	142	50403	15.645	ug/l	85
12) Methyl Acetate	5.018	43	105375	21.576	ug/l #	87
13) Acrolein	4.171	56	63627	88.546	ug/l	98
14) Acrylonitrile	5.706	53	206542	93.068	ug/l	99
15) Acetone	4.424	58	41381m	63.762	ug/l	
16) Carbon Disulfide	4.706	76	172659	16.911	ug/l	98
17) Allyl chloride	5.006	41	106813m	18.156	ug/l	
18) Methylene Chloride	5.265	84	72054	19.148	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	63651	18.056	ug/l	96
20) Diisopropyl ether	6.653	45	251802	20.030	ug/l	97
21) 1,1-Dichloroethane	6.547	63	136925	19.333	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	76843	18.755	ug/l	97
23) tert-Butyl Alcohol	5.506	59	58216	71.340	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	234613	19.221	ug/l	97
25) Chloroform	7.947	83	139376	19.860	ug/l	98
26) Cyclohexane	8.236	56	98411	16.450	ug/l #	90
29) 1,1-Dichloropropene	8.353	75	88027	19.466	ug/l	98
30) 2-Butanone	7.465	43	255518	87.352	ug/l	99
31) 2,2-Dichloropropane	7.465	77	120601	21.623	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	115001	20.630	ug/l	98
33) Carbon Tetrachloride	8.341	117	96056	20.178	ug/l	92
34) Benzene	8.583	78	278121	20.576	ug/l	96
35) Methacrylonitrile	7.753	41	59792	19.596	ug/l	95
36) 1,2-Dichloroethane	8.647	62	121335	23.066	ug/l	98
37) Trichloroethene	9.330	130	63899	20.861	ug/l	95
38) Methylcyclohexane	9.577	83	77669	14.981	ug/l	94
39) 1,2-Dichloropropane	9.600	63	73865	21.181	ug/l	100
40) Dibromomethane	9.688	93	52596	20.992	ug/l	98
41) Bromodichloromethane	9.865	83	112926	22.389	ug/l	97
42) Vinyl Acetate	6.589	43	1102746	112.952	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088464.D
Acq On : 05 Dec 2025 09:33
Operator : JC\MD
Sample : VN1205WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Quant Time: Dec 05 23:36:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

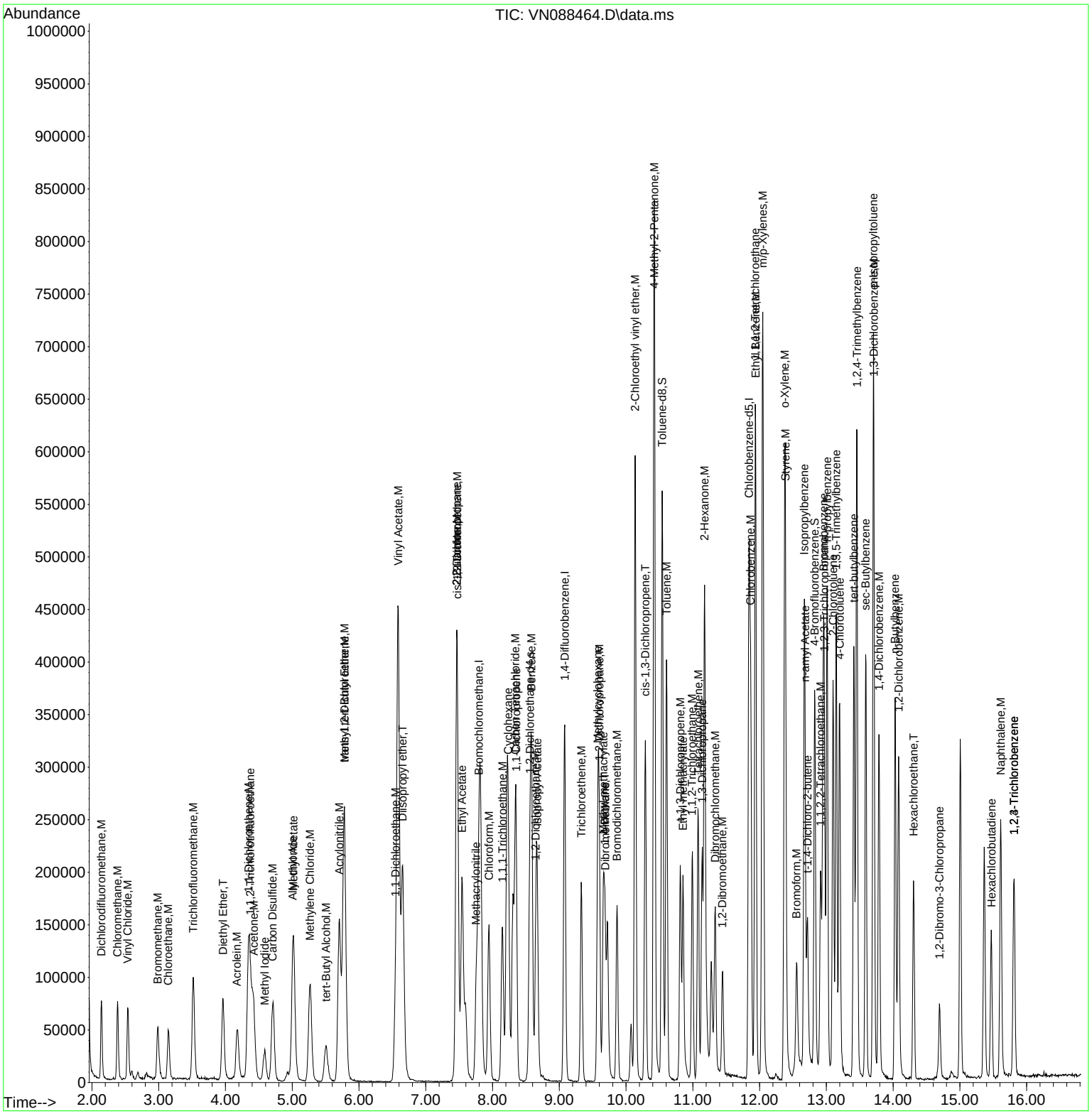
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.542	43	127172	21.608	ug/l	99
44) Isopropyl Acetate	8.671	43	189939	20.941	ug/l	99
45) 1,4-Dioxane	9.683	88	17076	312.630	ug/l	87
46) Methyl methacrylate	9.659	41	90511	21.325	ug/l	96
47) n-amyl Acetate	12.682	43	85733m	18.653	ug/l	
48) t-1,3-Dichloropropene	10.812	75	109122	20.227	ug/l	100
49) cis-1,3-Dichloropropene	10.288	75	119146	21.226	ug/l	99
50) 1,1,2-Trichloroethane	10.988	97	67775	21.876	ug/l	95
51) Ethyl methacrylate	10.853	69	101028	19.820	ug/l	95
52) 1,3-Dichloropropane	11.141	76	118365	20.978	ug/l	98
53) Dibromochloromethane	11.335	129	76207	21.414	ug/l	98
54) 1,2-Dibromoethane	11.441	107	66003	20.504	ug/l	100
55) 2-Chloroethyl vinyl ether	10.135	63	254479	86.667	ug/l	98
56) Bromoform	12.553	173	45910	20.382	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	601536	105.075	ug/l	98
59) 2-Hexanone	11.177	43	358492	94.304	ug/l	98
61) Tetrachloroethene	11.082	164	52727	20.205	ug/l	93
62) Toluene	10.606	91	289451	19.927	ug/l	98
64) Chlorobenzene	11.865	112	178862	19.882	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.935	131	62928	20.437	ug/l	97
66) Ethyl Benzene	11.941	91	300332	18.760	ug/l	99
67) m/p-Xylenes	12.047	106	228869	38.229	ug/l	98
68) o-Xylene	12.377	106	106979	18.943	ug/l	99
69) Styrene	12.388	104	184828	19.269	ug/l	98
70) Isopropylbenzene	12.671	105	270315	18.061	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.912	83	100768	20.785	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	95329m	20.297	ug/l	
73) Bromobenzene	12.959	156	66930	19.808	ug/l	99
74) n-propylbenzene	13.012	91	342169	18.474	ug/l	99
75) 2-Chlorotoluene	13.100	91	212321	18.852	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	230610	18.356	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	32517	20.160	ug/l	89
78) 4-Chlorotoluene	13.200	91	221558	19.412	ug/l	99
79) tert-butylbenzene	13.412	119	180923	16.820	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	230759	18.471	ug/l	98
81) sec-Butylbenzene	13.588	105	268064	17.087	ug/l	99
82) p-Isopropyltoluene	13.706	119	217852	16.805	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	128917	19.637	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	131201	19.734	ug/l	99
85) n-Butylbenzene	14.029	91	201551	16.313	ug/l	98
86) Hexachloroethane	14.306	117	41732	16.813	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	118364	19.102	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21551	18.912	ug/l	94
89) 1,2,4-Trichlorobenzene	15.812	180	61919	17.807	ug/l	98
90) Hexachlorobutadiene	15.476	225	22855	16.925	ug/l	93
91) Naphthalene	15.612	128	219560	17.451	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	61919	17.807	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088464.D
Acq On : 05 Dec 2025 09:33
Operator : JC\MD
Sample : VN1205WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Quant Time: Dec 05 23:36:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration



Raw Data: **VN088465.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:	VN1205WBSD01			SDG No.:	Q3760
Lab Sample ID:	VN1205WBSD01			Matrix:	Water
Analytical Method:	E624.1	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	21.5		1	0.45	5.00	ug/L	12/05/25 10:06	VN120525
108-88-3	Toluene	21.7		1	0.46	5.00	ug/L	12/05/25 10:06	VN120525
100-41-4	Ethyl Benzene	20.6		1	0.56	5.00	ug/L	12/05/25 10:06	VN120525
179601-23-1	m/p-Xylenes	41.4		1	1.30	10.0	ug/L	12/05/25 10:06	VN120525
95-47-6	o-Xylene	20.8		1	0.67	5.00	ug/L	12/05/25 10:06	VN120525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	31.6			91 - 110	105%	SPK: 30		
2037-26-5	Toluene-d8	31.5			91 - 112	105%	SPK: 30		
460-00-4	4-Bromofluorobenzene	30.4			63 - 112	101%	SPK: 30		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	58400							
540-36-3	1,4-Difluorobenzene	296000							
3114-55-4	Chlorobenzene-d5	270000							

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\VN120525\
Data File : VN088465.D
Acq On : 05 Dec 2025 10:06
Operator : JC\MD
Sample : VN1205WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Quant Time: Dec 05 23:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	58378	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	295792	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	269874	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	168406	31.581	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.267%			
60) 4-Bromofluorobenzene	12.823	95	138483	30.355	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.200%			
63) Toluene-d8	10.541	98	402691	31.517	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	83332	20.307	ug/l	99
3) Chloromethane	2.383	50	85749	20.267	ug/l	100
4) Vinyl Chloride	2.536	62	89115	19.919	ug/l	95
5) Bromomethane	2.989	94	43377	18.184	ug/l	91
6) Chloroethane	3.148	64	55373	20.024	ug/l	98
7) Trichlorofluoromethane	3.518	101	133204	21.237	ug/l	96
8) Diethyl Ether	3.959	74	48025	20.486	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	66969	20.352	ug/l	84
10) 1,1-Dichloroethene	4.342	96	65728	20.475	ug/l	87
11) Methyl Iodide	4.595	142	58499	17.124	ug/l	91
12) Methyl Acetate	5.012	43	118109m	22.806	ug/l	
13) Acrolein	4.183	56	79402	104.207	ug/l	100
14) Acrylonitrile	5.706	53	232103	98.631	ug/l	99
15) Acetone	4.424	58	47427	68.917	ug/l	94
16) Carbon Disulfide	4.712	76	204979	18.933	ug/l	99
17) Allyl chloride	5.006	41	122299m	19.605	ug/l	
18) Methylene Chloride	5.265	84	80569	20.192	ug/l	92
19) trans-1,2-Dichloroethene	5.771	96	72424m	19.375	ug/l	
20) Diisopropyl ether	6.653	45	283088	21.237	ug/l	98
21) 1,1-Dichloroethane	6.553	63	156749	20.872	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	86700	19.956	ug/l	98
23) tert-Butyl Alcohol	5.512	59	70639	81.635	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	267703	20.683	ug/l	96
25) Chloroform	7.947	83	158104	21.246	ug/l	99
26) Cyclohexane	8.235	56	123338	19.443	ug/l #	92
29) 1,1-Dichloropropene	8.353	75	103655	21.002	ug/l	99
30) 2-Butanone	7.465	43	298792	93.591	ug/l	100
31) 2,2-Dichloropropane	7.471	77	136120	22.361	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	137921	22.669	ug/l	99
33) Carbon Tetrachloride	8.341	117	111235	21.410	ug/l	98
34) Benzene	8.582	78	317818	21.543	ug/l	97
35) Methacrylonitrile	7.759	41	74244	22.295	ug/l	92
36) 1,2-Dichloroethane	8.647	62	132365	23.055	ug/l	98
37) Trichloroethene	9.329	130	71992	21.534	ug/l	93
38) Methylcyclohexane	9.577	83	105316	18.613	ug/l	96
39) 1,2-Dichloropropane	9.594	63	86522	22.732	ug/l	97
40) Dibromomethane	9.688	93	62642	22.907	ug/l	98
41) Bromodichloromethane	9.865	83	125111	22.727	ug/l	98
42) Vinyl Acetate	6.588	43	1149316	107.862	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088465.D
Acq On : 05 Dec 2025 10:06
Operator : JC\MD
Sample : VN1205WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Quant Time: Dec 05 23:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

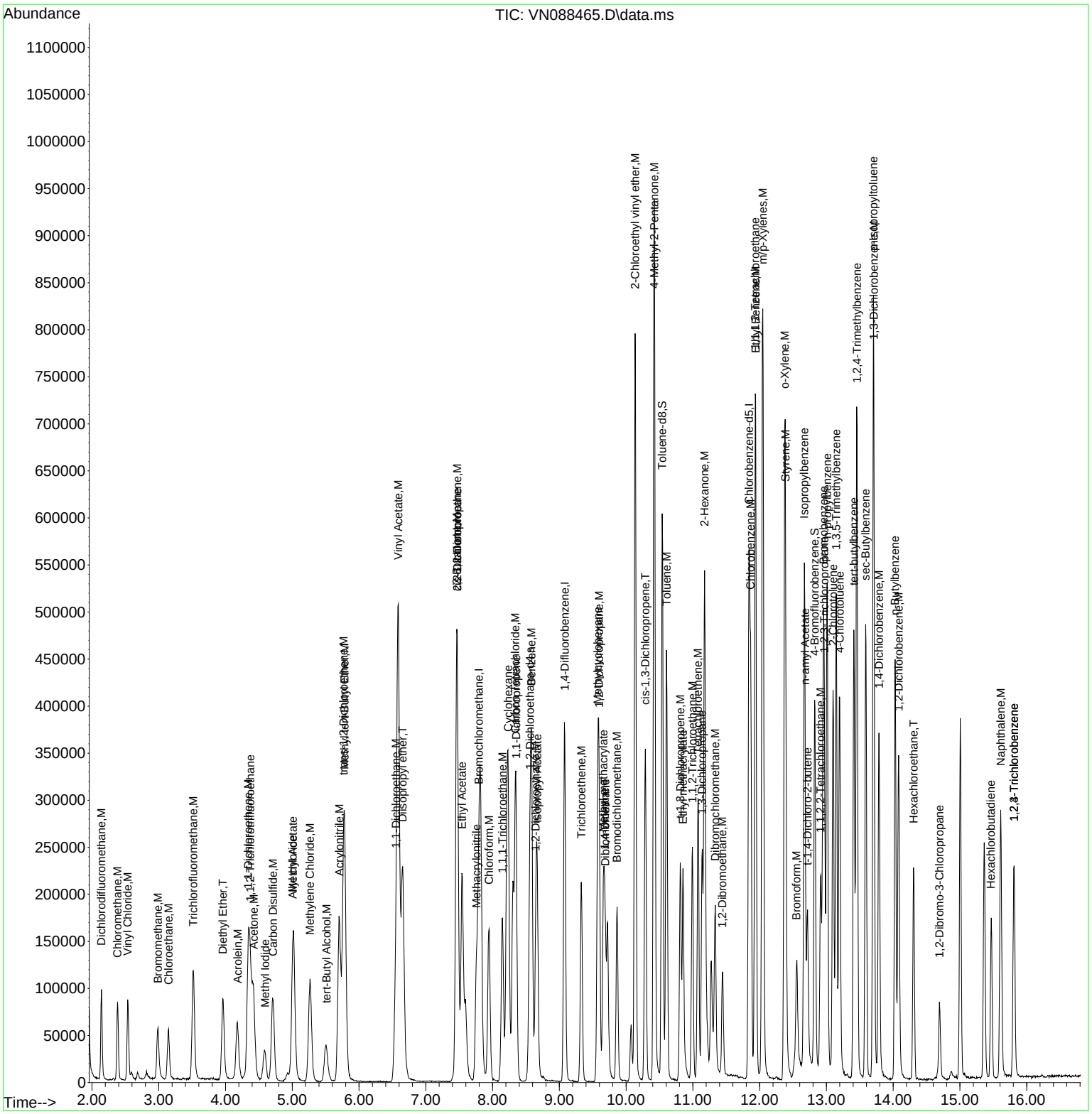
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	131258	20.434	ug/l	96
44) Isopropyl Acetate	8.671	43	214097	21.627	ug/l	99
45) 1,4-Dioxane	9.682	88	21186	355.389	ug/l	100
46) Methyl methacrylate	9.659	41	92284	19.921	ug/l	92
47) n-amyl Acetate	12.682	43	103711m	20.675	ug/l	
48) t-1,3-Dichloropropene	10.812	75	124941	21.220	ug/l	97
49) cis-1,3-Dichloropropene	10.288	75	134047	21.881	ug/l	91
50) 1,1,2-Trichloroethane	10.994	97	74451	22.018	ug/l	97
51) Ethyl methacrylate	10.853	69	117713	21.159	ug/l	94
52) 1,3-Dichloropropane	11.135	76	137190	22.278	ug/l	100
53) Dibromochloromethane	11.335	129	88103	22.683	ug/l	99
54) 1,2-Dibromoethane	11.441	107	76424	21.752	ug/l	96
55) 2-Chloroethyl vinyl ether	10.135	63	339470	105.929	ug/l	99
56) Bromoform	12.553	173	51407	20.910	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	677277	110.958	ug/l	100
59) 2-Hexanone	11.176	43	411741	101.586	ug/l	99
61) Tetrachloroethene	11.076	164	62982	22.636	ug/l	99
62) Toluene	10.606	91	336006	21.696	ug/l	98
64) Chlorobenzene	11.865	112	202712	21.134	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	72114	21.966	ug/l	96
66) Ethyl Benzene	11.941	91	352085	20.627	ug/l	99
67) m/p-Xylenes	12.047	106	264552	41.446	ug/l	97
68) o-Xylene	12.376	106	125237	20.798	ug/l	97
69) Styrene	12.388	104	212533	20.782	ug/l	99
70) Isopropylbenzene	12.670	105	320863	20.107	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.912	83	109034	21.093	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	106633m	21.294	ug/l	
73) Bromobenzene	12.959	156	75276	20.895	ug/l	99
74) n-propylbenzene	13.012	91	408412	20.681	ug/l	98
75) 2-Chlorotoluene	13.100	91	241136	20.081	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	274722	20.509	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	35995	20.931	ug/l	83
78) 4-Chlorotoluene	13.200	91	252859	20.779	ug/l	98
79) tert-butylbenzene	13.412	119	215112	18.757	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	273465	20.530	ug/l	98
81) sec-Butylbenzene	13.588	105	325506	19.460	ug/l	99
82) p-Isopropyltoluene	13.706	119	265003	19.173	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	147487	21.071	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	148538	20.954	ug/l	99
85) n-Butylbenzene	14.029	91	251816	19.116	ug/l	99
86) Hexachloroethane	14.306	117	46748	17.664	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	137717	20.845	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	22702	18.685	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	73635	19.861	ug/l	98
90) Hexachlorobutadiene	15.464	225	26440	18.364	ug/l	99
91) Naphthalene	15.611	128	256999	19.158	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	73635	19.861	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088465.D
Acq On : 05 Dec 2025 10:06
Operator : JC\MD
Sample : VN1205WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Quant Time: Dec 05 23:37:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	VN111325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN088274.D	1,1,2-Trichlorotrifluoroethane	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	1,2,3-Trichloropropane	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	2,2-Dichloropropane	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	Acrolein	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	Carbon Disulfide	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	Cyclohexane	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	Ethyl methacrylate	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	n-amyl Acetate	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	t-1,4-Dichloro-2-butene	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICC005	VN088274.D	tert-Butyl Alcohol	JOHN	11/14/2025 8:03:15 AM	sam	11/14/2025 12:24:41 PM	Peak Integrated by Software
VSTDICCC020	VN088275.D	1,2,3-Trichloropropane	JOHN	11/14/2025 8:03:20 AM	sam	11/14/2025 12:24:45 PM	Peak Integrated by Software
VSTDICCC020	VN088275.D	n-amyl Acetate	JOHN	11/14/2025 8:03:20 AM	sam	11/14/2025 12:24:45 PM	Peak Integrated by Software
VSTDICCC020	VN088275.D	trans-1,2-Dichloroethene	JOHN	11/14/2025 8:03:20 AM	sam	11/14/2025 12:24:45 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN111325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC050	VN088276.D	1,2,3-Trichloropropane	JOHN	11/14/2025 8:03:24 AM	sam	11/14/2025 12:25:04 PM	Peak Integrated by Software
VSTDICC050	VN088276.D	Ethyl Acetate	JOHN	11/14/2025 8:03:24 AM	sam	11/14/2025 12:25:04 PM	Peak Integrated by Software
VSTDICC050	VN088276.D	n-amyl Acetate	JOHN	11/14/2025 8:03:24 AM	sam	11/14/2025 12:25:04 PM	Peak Integrated by Software
VSTDICC050	VN088276.D	tert-Butyl Alcohol	JOHN	11/14/2025 8:03:24 AM	sam	11/14/2025 12:25:04 PM	Peak Integrated by Software
VSTDICC050	VN088276.D	Vinyl Acetate	JOHN	11/14/2025 8:03:24 AM	sam	11/14/2025 12:25:04 PM	Peak Integrated by Software
VSTDICC100	VN088277.D	1,2,3-Trichloropropane	JOHN	11/14/2025 8:03:29 AM	sam	11/14/2025 12:24:49 PM	Peak Integrated by Software
VSTDICC100	VN088277.D	n-amyl Acetate	JOHN	11/14/2025 8:03:29 AM	sam	11/14/2025 12:24:49 PM	Peak Integrated by Software
VSTDICC150	VN088278.D	1,2,3-Trichloropropane	JOHN	11/14/2025 8:03:34 AM	sam	11/14/2025 12:25:08 PM	Peak Integrated by Software
VSTDICC150	VN088278.D	Ethyl Acetate	JOHN	11/14/2025 8:03:34 AM	sam	11/14/2025 12:25:08 PM	Peak Integrated by Software
VSTDICC150	VN088278.D	Vinyl Acetate	JOHN	11/14/2025 8:03:34 AM	sam	11/14/2025 12:25:08 PM	Peak Integrated by Software
VSTDICV020	VN088280.D	1,2,3-Trichloropropane	JOHN	11/14/2025 8:03:38 AM	sam	11/14/2025 12:24:55 PM	Peak Integrated by Software
VSTDICV020	VN088280.D	Methylene Chloride	JOHN	11/14/2025 8:03:38 AM	sam	11/14/2025 12:24:55 PM	Peak Integrated by Software
VSTDICV020	VN088280.D	n-amyl Acetate	JOHN	11/14/2025 8:03:38 AM	sam	11/14/2025 12:24:55 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN111325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VN120525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN111325

Review By	John Carlone	Review On	11/14/2025 8:03:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/14/2025 12:39:20 PM		
SubDirectory	VN111325	HP Acquire Method		HP Processing Method	624N111325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136189
Initial Calibration Stds	VP136197,VP136198,VP136199,VP136200,VP136201
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136212
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088273.D	13 Nov 2025 08:08	JC\MD	Ok
2	VSTDICC005	VN088274.D	13 Nov 2025 10:14	JC\MD	Ok,M
3	VSTDICCC020	VN088275.D	13 Nov 2025 10:47	JC\MD	Ok,M
4	VSTDICC050	VN088276.D	13 Nov 2025 11:08	JC\MD	Ok,M
5	VSTDICC100	VN088277.D	13 Nov 2025 11:29	JC\MD	Ok,M
6	VSTDICC150	VN088278.D	13 Nov 2025 11:50	JC\MD	Ok,M
7	IBLK	VN088279.D	13 Nov 2025 12:11	JC\MD	Ok
8	VSTDICV020	VN088280.D	13 Nov 2025 14:52	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120525

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VN120525	HP Acquire Method		HP Processing Method	624N111325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136520
Initial Calibration Stds	
CCC	VP136521,VP136522
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088462.D	05 Dec 2025 08:16	JC\MD	Ok
2	VSTDCCC020	VN088463.D	05 Dec 2025 08:56	JC\MD	Ok,NR
3	VN1205WBS01	VN088464.D	05 Dec 2025 09:33	JC\MD	Ok,NR
4	VN1205WBSD01	VN088465.D	05 Dec 2025 10:06	JC\MD	Ok,NR
5	VN1205WBL01	VN088466.D	05 Dec 2025 10:26	JC\MD	Ok
6	Q3760-01	VN088467.D	05 Dec 2025 10:59	JC\MD	Ok
7	Q3760-02	VN088468.D	05 Dec 2025 11:20	JC\MD	Ok
8	VSTDCCC020	VN088469.D	05 Dec 2025 14:55	JC\MD	Ok,NR

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN111325

Review By	John Carlone	Review On	11/14/2025 8:03:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/14/2025 12:39:20 PM		
SubDirectory	VN111325	HP Acquire Method		HP Processing Method	624N111325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136189
Initial Calibration Stds	VP136197,VP136198,VP136199,VP136200,VP136201
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136212
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088273.D	13 Nov 2025 08:08		JC\MD	Ok
2	VSTDICC005	VSTDICC005	VN088274.D	13 Nov 2025 10:14		JC\MD	Ok,M
3	VSTDICCC020	VSTDICCC020	VN088275.D	13 Nov 2025 10:47		JC\MD	Ok,M
4	VSTDICC050	VSTDICC050	VN088276.D	13 Nov 2025 11:08		JC\MD	Ok,M
5	VSTDICC100	VSTDICC100	VN088277.D	13 Nov 2025 11:29		JC\MD	Ok,M
6	VSTDICC150	VSTDICC150	VN088278.D	13 Nov 2025 11:50		JC\MD	Ok,M
7	IBLK	IBLK	VN088279.D	13 Nov 2025 12:11		JC\MD	Ok
8	VSTDICV020	ICVVN111325	VN088280.D	13 Nov 2025 14:52		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120525

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VN120525	HP Acquire Method		HP Processing Method	624N111325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136520
Initial Calibration Stds	
CCC	VP136521,VP136522
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088462.D	05 Dec 2025 08:16		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN088463.D	05 Dec 2025 08:56		JC\MD	Ok,NR
3	VN1205WBS01	VN1205WBS01	VN088464.D	05 Dec 2025 09:33		JC\MD	Ok,NR
4	VN1205WBSD01	VN1205WBSD01	VN088465.D	05 Dec 2025 10:06		JC\MD	Ok,NR
5	VN1205WBL01	VN1205WBL01	VN088466.D	05 Dec 2025 10:26		JC\MD	Ok
6	Q3760-01	001 Willets Pt Blvd (Dec	VN088467.D	05 Dec 2025 10:59		JC\MD	Ok
7	Q3760-02	002 35th Ave (Dec)	VN088468.D	05 Dec 2025 11:20		JC\MD	Ok
8	VSTDCCC020	VSTDCCC020EC	VN088469.D	05 Dec 2025 14:55		JC\MD	Ok,NR

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 3760/61
COC Number 2047307

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Tully Environmental Inc
ADDRESS: 127-50 Northern Blvd
CITY Flushing STATE: NY ZIP: 11368
ATTENTION: D Dewr
PHONE: 718 446 7000 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Transfer Station SPDES
PROJECT NO.: 25213 LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- [x] Level 1 (Results Only)
- [ ] Level 2 (Results + QC)
- [ ] Level 3 (Results + QC + Raw Data)
- [ ] Level 4 (QC + Full Raw Data)
- [ ] NJ Reduced
- [ ] US EPA CLP
- [ ] NYS ASP A
- [ ] NYS ASP B
- [ ] Other
- [ ] EDD FORMAT

ANALYSIS

1: Ammonia 2: TSS/DOC 3: Cu Fe Pb 4: BTEX 5: Hg 6: BOD 7: BUDS 8: 9:

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (Dec)	W		X	12/2	1310		X	X	X	X	X	X				
2.	002 35th Ave (Dec)	W		X	12/2	1330		X	X	X	X	X	X				
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. D Dewr	12/2/25	1.
2.	12/3/25 1125	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.3 °C
Comments: If Emt #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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