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:	Q2730	**OrderDate:**	7/30/2025 12:28:00 PM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	O41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2730-01	**001 willets Pt Blvd(july)**	**Water**			**07/29/25**			**07/30/25**
			VOC-BTEX	624.1			07/30/25	
Q2730-01DL	**001 willets Pt Blvd(july)DL**	**Water**			**07/29/25**			**07/30/25**
			VOC-BTEX	624.1			07/30/25	
Q2730-02	**002 35th Ave(july)**	**Water**			**07/29/25**			**07/30/25**
			VOC-BTEX	624.1			07/30/25	
Q2730-02DL	**002 35th Ave(july)DL**	**Water**			**07/29/25**			**07/30/25**
			VOC-BTEX	624.1			07/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2730

Client: Tully Environmental, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**001 willets Pt Blvd(july)**							
Q2730-01	001 willets Pt Blvd(	Water	Toluene	220	E	0.46	5.00	ug/L
			Total Voc :	220				
			Total Concentration:	220				
Client ID:	**001 willets Pt Blvd(july)DL**							
Q2730-01DL	001 willets Pt Blvd(	Water	Toluene	220	D	1.80	20.0	ug/L
			Total Voc :	220				
			Total Concentration:	220				
Client ID:	**002 35th Ave(july)**							
Q2730-02	002 35th Ave(july)	Water	Toluene	250	E	0.46	5.00	ug/L
			Total Voc :	250				
			Total Concentration:	250				
Client ID:	**002 35th Ave(july)DL**							
Q2730-02DL	002 35th Ave(july)D	Water	Toluene	210	D	1.80	20.0	ug/L
			Total Voc :	210				
			Total Concentration:	210				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2730

Client: Tully Environmental, Inc

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2730-01	001 willets Pt Blvd(july)	1,2-Dichloroethane-d4	30	30.9	103		91	110
		Toluene-d8	30	29.9	100		91	112
		4-Bromofluorobenzene	30	26.2	87		63	112
Q2730-01DL	001 willets Pt Blvd(july)DL	1,2-Dichloroethane-d4	30	33.0	110		91	110
		Toluene-d8	30	30.2	101		91	112
		4-Bromofluorobenzene	30	27.8	93		63	112
Q2730-02	002 35th Ave(july)	1,2-Dichloroethane-d4	30	33.1	110		91	110
		Toluene-d8	30	30.6	102		91	112
		4-Bromofluorobenzene	30	26.9	90		63	112
Q2730-02DL	002 35th Ave(july)DL	1,2-Dichloroethane-d4	30	32.0	107		91	110
		Toluene-d8	30	30.5	102		91	112
		4-Bromofluorobenzene	30	27.6	92		63	112
VN0730WBL01	VN0730WBL01	1,2-Dichloroethane-d4	30	30.4	101		91	110
		Toluene-d8	30	30.4	101		91	112
		4-Bromofluorobenzene	30	27.3	91		63	112
VN0730WBS01	VN0730WBS01	1,2-Dichloroethane-d4	30	31.1	104		91	110
		Toluene-d8	30	30.1	100		91	112
		4-Bromofluorobenzene	30	28.7	96		63	112
VN0730WBSD0	VN0730WBSD01	1,2-Dichloroethane-d4	30	32.5	108		91	110
		Toluene-d8	30	30.1	100		91	112
		4-Bromofluorobenzene	30	28.9	96		63	112

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2730 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087438.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0730WBS01	Benzene	20	19.5	ug/L	98			65	135	
	Toluene	20	19.1	ug/L	96			70	130	
	Ethyl Benzene	20	19.0	ug/L	95			60	140	
	m/p-Xylenes	40	37.5	ug/L	94			87	111	
	o-Xylene	20	19.3	ug/L	97			87	111	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2730 **Analytical Method:** SW624.1

Client: Tully Environmental, Inc **Datafile :** VN087439.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0730WBSD01	Benzene	20	19.2	ug/L	96	2		65	135	20
	Toluene	20	19.1	ug/L	96	0		70	130	20
	Ethyl Benzene	20	19.2	ug/L	96	1		60	140	20
	m/p-Xylenes	40	38.0	ug/L	95	1		87	111	20
	o-Xylene	20	19.1	ug/L	96	1		87	111	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0730WBL01

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q2730

Lab File ID: VN087440.D | Lab Sample ID: VN0730WBL01

Date Analyzed: 07/30/2025 | Time Analyzed: 11:20

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
VN0730WBS01	VN0730WBS01	VN087438.D	07/30/2025
VN0730WBSD01	VN0730WBSD01	VN087439.D	07/30/2025
001 willets Pt Blvd(july)	Q2730-01	VN087443.D	07/30/2025
002 35th Ave(july)	Q2730-02	VN087444.D	07/30/2025
001 willets Pt Blvd(july)DL	Q2730-01DL	VN087445.D	07/30/2025
002 35th Ave(july)DL	Q2730-02DL	VN087446.D	07/30/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TULL01

Lab Code: ACE | SDG NO.: Q2730

Lab File ID: VN087418.D | BFB Injection Date: 07/28/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:31

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	44.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	72.8
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	70.8 (97.2) 1
177	5.0 - 9.0% of mass 176	4.9 (7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VN087419.D	07/28/2025	09:06
VSTDICCC020	VSTDICCC020	VN087420.D	07/28/2025	10:06
VSTDICC050	VSTDICC050	VN087421.D	07/28/2025	10:27
VSTDICC100	VSTDICC100	VN087422.D	07/28/2025	10:48
VSTDICC150	VSTDICC150	VN087423.D	07/28/2025	11:09

Raw Data: **VN087436.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TULL01
Lab Code: ACE
SDG NO.: Q2730
Lab File ID: VN087436.D
BFB Injection Date: 07/30/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:46
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.7
75	30.0 - 60.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	72.6
175	5.0 - 9.0% of mass 174	5.4 (7.4) 1
176	95.0 - 101.0% of mass 174	69.3 (95.3) 1
177	5.0 - 9.0% of mass 176	4.3 (6.2) 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	VN087437.D	07/30/2025	09:19
VN0730WBS01	VN0730WBS01	VN087438.D	07/30/2025	09:57
VN0730WBSD01	VN0730WBSD01	VN087439.D	07/30/2025	10:47
VN0730WBL01	VN0730WBL01	VN087440.D	07/30/2025	11:20
001 willets Pt Blvd(july)	Q2730-01	VN087443.D	07/30/2025	14:27
002 35th Ave(july)	Q2730-02	VN087444.D	07/30/2025	14:49
001 willets Pt Blvd(july)DL	Q2730-01DL	VN087445.D	07/30/2025	15:12
002 35th Ave(july)DL	Q2730-02DL	VN087446.D	07/30/2025	15:34

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q2730

Lab File ID: VN087437.D Date Analyzed: 07/30/2025

Instrument ID: MSVOA_N Time Analyzed: 09:19

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	54900	7.79	310969	9.08	281690	11.85
UPPER LIMIT	109800	8.294	621938	9.583	563380	12.347
LOWER LIMIT	27450	7.294	155485	8.583	140845	11.347
EPA SAMPLE NO.						
001 willets Pt Blvd(july)	49168	7.80	264953	9.08	240837	11.85
001 willets Pt Blvd(july)DL	45845	7.80	265372	9.08	233679	11.85
002 35th Ave(july)	40620	7.80	232160	9.08	207024	11.85
002 35th Ave(july)DL	44916	7.80	244671	9.09	222532	11.85
VN0730WBL01	50464	7.80	272258	9.08	243647	11.85
VN0730WBS01	49112	7.80	271089	9.09	246291	11.85
VN0730WBSD01	48201	7.80	265850	9.08	239728	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG NO.: Q2730

Lab File ID: VN087437.D Date Analyzed: 07/30/2025

Instrument ID: MSVOA_N Time Analyzed: 09:19

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(july)	0	0.00				
001 willets Pt Blvd(july)DL	0	0.00				
002 35th Ave(july)	0	0.00				
002 35th Ave(july)DL	0	0.00				
VN0730WBL01	0	0.00				
VN0730WBS01	0	0.00				
VN0730WBSD01	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: **VN087443.D**

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Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/29/25
Project:	Transfer Station-SPDES	Date Received:	07/30/25
Client Sample ID:	001 willets Pt Blvd(july)	SDG No.:	Q2730
Lab Sample ID:	Q2730-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087443.D	1	07/30/25 14:27	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	220	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.9		91 - 110	103%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.2		63 - 112	87%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	49200	7.8			
540-36-3	1,4-Difluorobenzene	265000	9.082			
3114-55-4	Chlorobenzene-d5	241000	11.847			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087443.D
Acq On : 30 Jul 2025 14:27
Operator : JC\MD
Sample : Q2730-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Quant Time: Jul 31 01:15:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

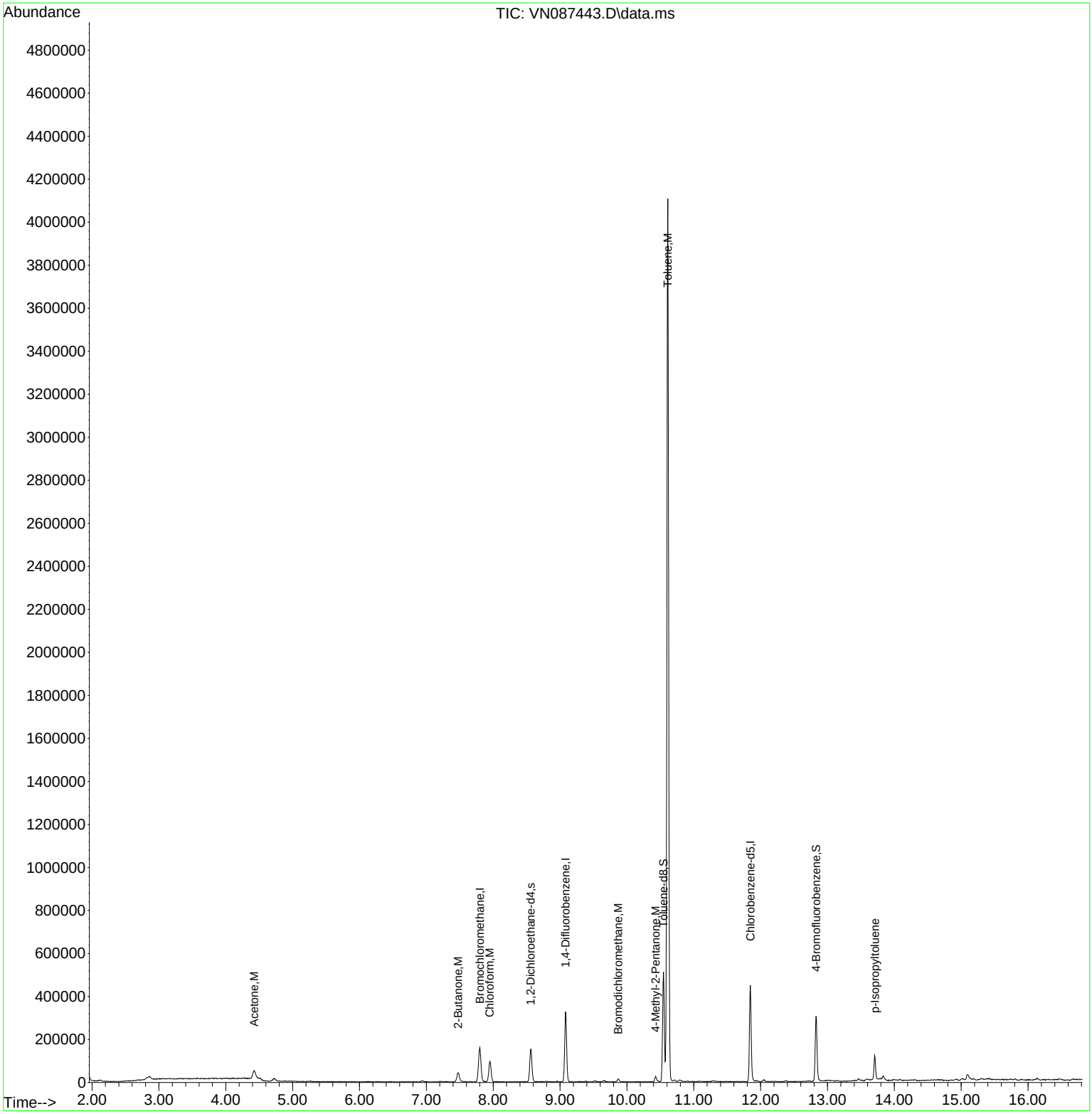
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	49168	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	264953	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	240837	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	116096	30.878	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.933%				
60) 4-Bromofluorobenzene	12.829	95	103589	26.193	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.300%				
63) Toluene-d8	10.547	98	331290	29.953	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.833%				
Target Compounds							Qvalue
15) Acetone	4.424	58	19995	43.380	ug/l		84
25) Chloroform	7.947	83	90180	15.805	ug/l		96
30) 2-Butanone	7.477	43	72833	26.727	ug/l	#	79
41) Bromodichloromethane	9.871	83	8544	1.932	ug/l		97
58) 4-Methyl-2-Pentanone	10.429	43	20678	3.812	ug/l	#	90
62) Toluene	10.612	91	2971705	218.638	ug/l		100
82) p-Isopropyltoluene	13.711	119	64602	5.354	ug/l		98

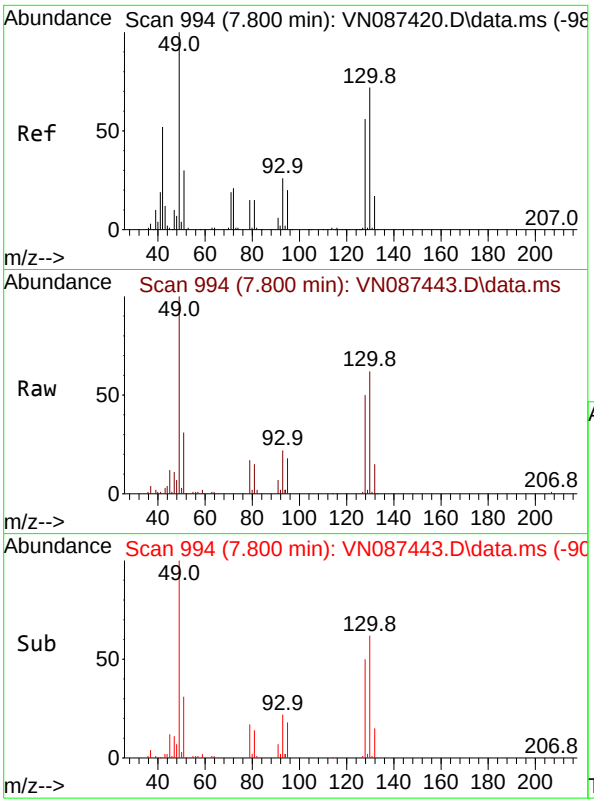
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087443.D
Acq On : 30 Jul 2025 14:27
Operator : JC\MD
Sample : Q2730-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Quant Time: Jul 31 01:15:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration



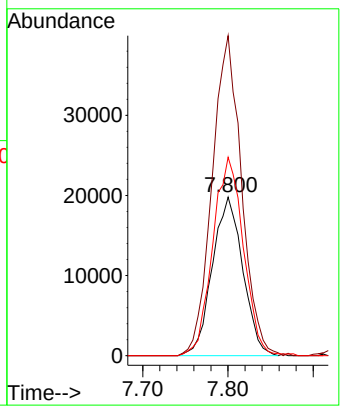


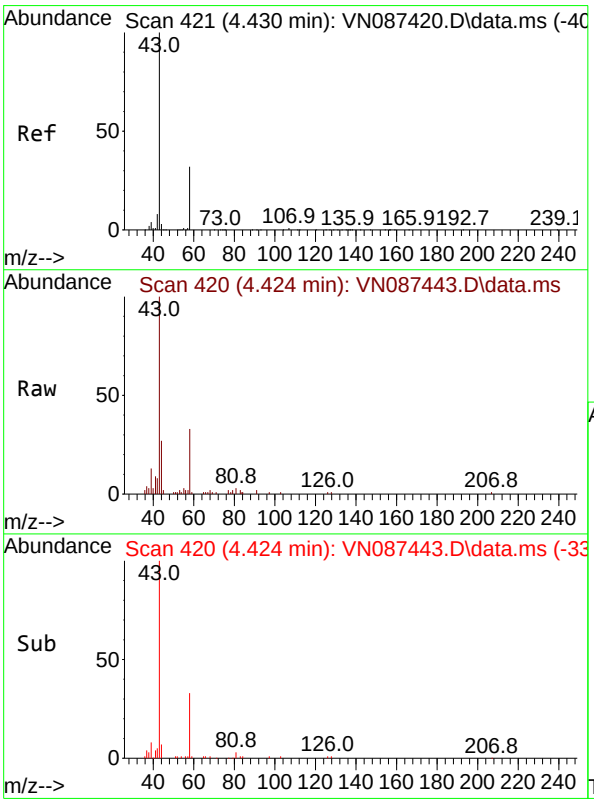
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion:128 Resp: 49168

Ion	Ratio	Lower	Upper
128	100		
49	194.8	0.0	457.3
130	126.1	0.0	316.0

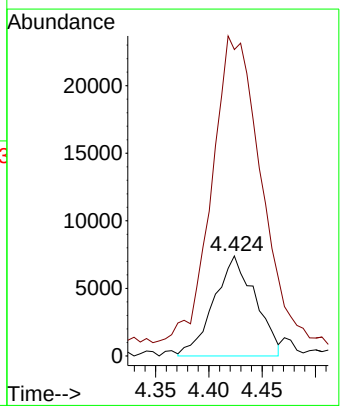


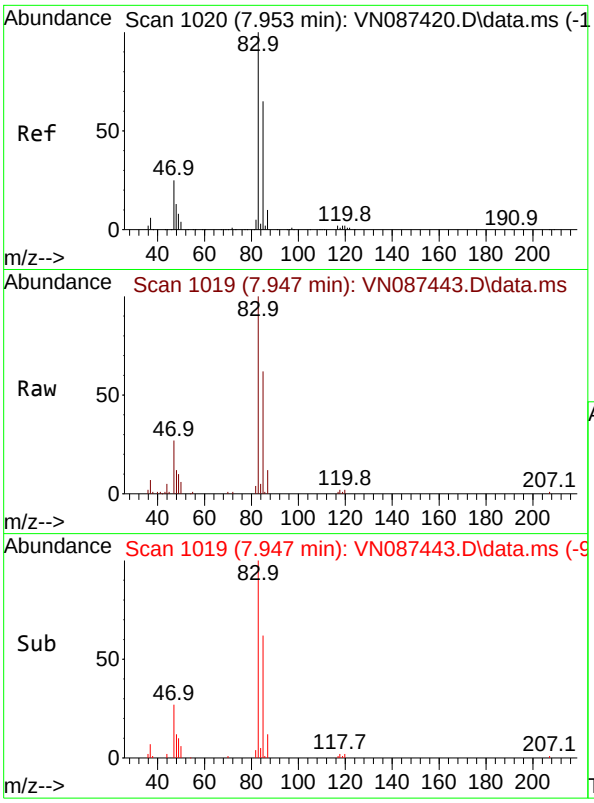


#15
Acetone
Concen: 43.380 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 58 Resp: 19995

Ion	Ratio	Lower	Upper
58	100		
43	279.1	248.4	372.6



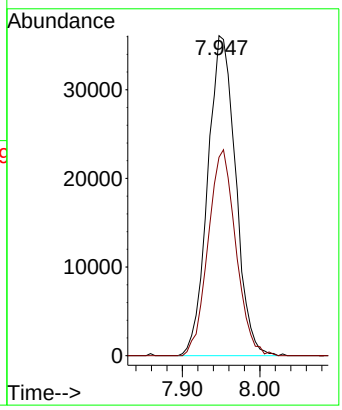


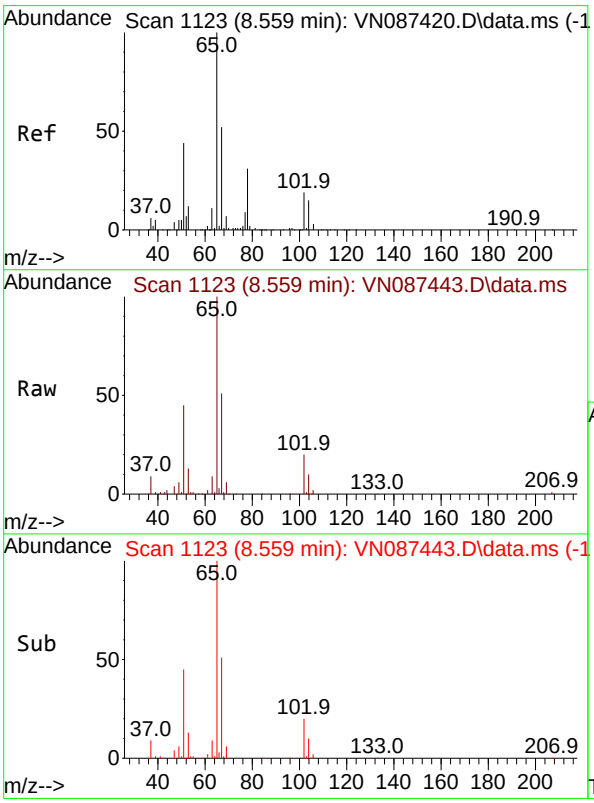
#25
Chloroform
Concen: 15.805 ug/l
RT: 7.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion: 83 Resp: 90180

Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.0	78.0

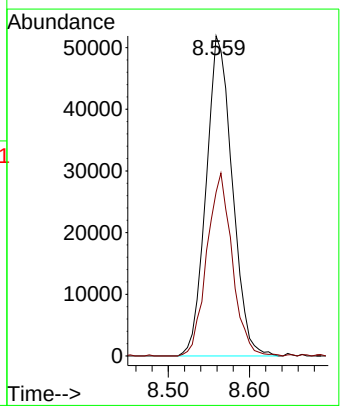


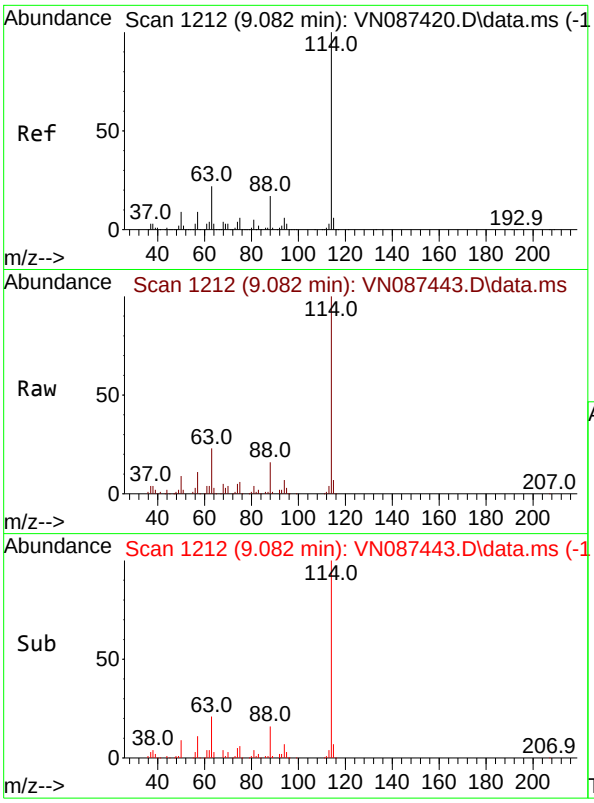


#27
1,2-Dichloroethane-d4
Concen: 30.878 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 65 Resp: 116096

Ion	Ratio	Lower	Upper
65	100		
67	55.4	42.3	63.5



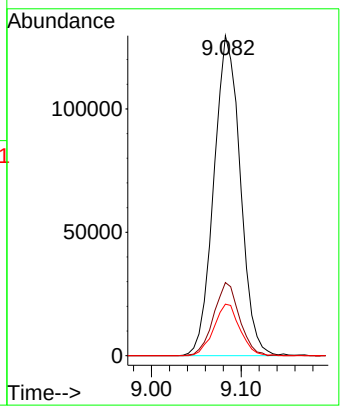


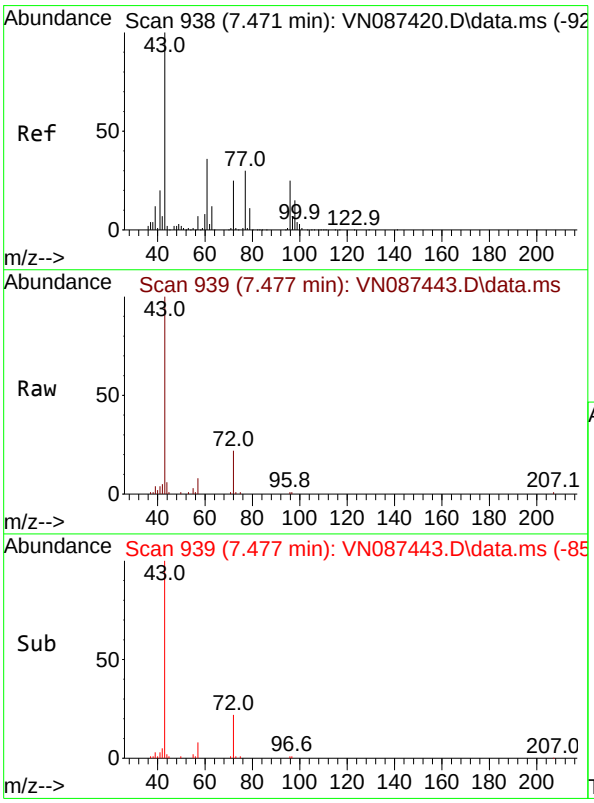
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion:114 Resp: 264953

Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.8	26.6
88	15.9	13.0	19.4

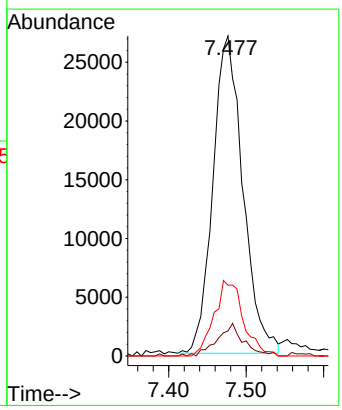


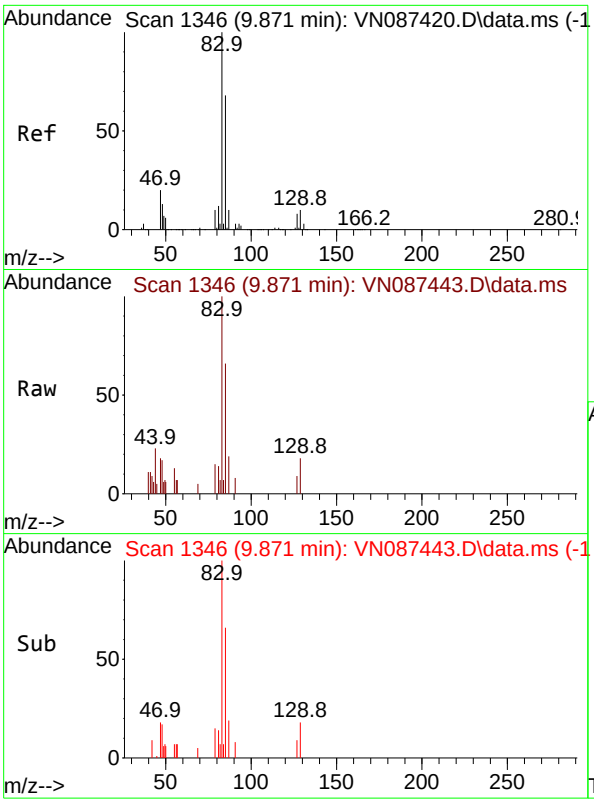


#30
2-Butanone
Concen: 26.727 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 43 Resp: 72833

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.0	9.0
72	12.2	20.3	30.5#



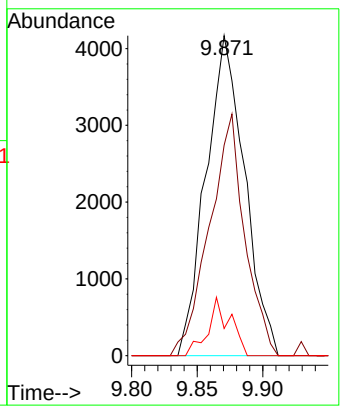


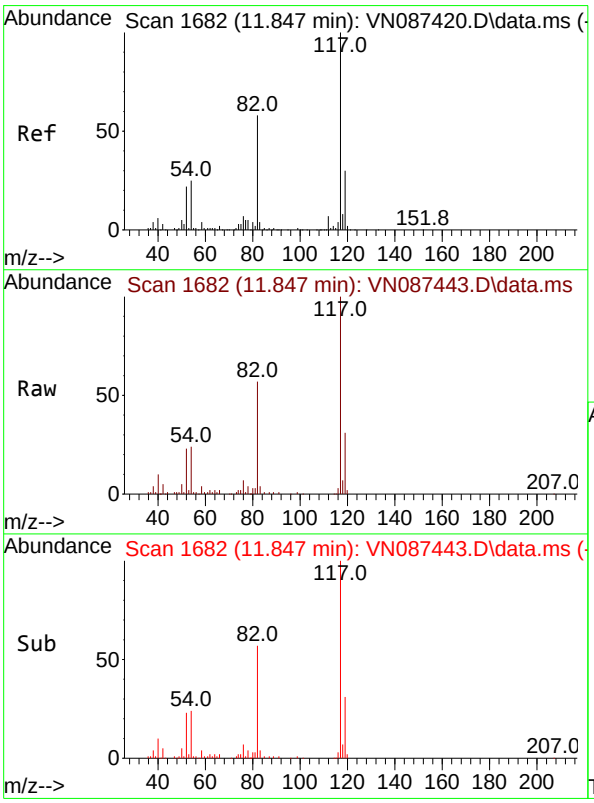
#41
Bromodichloromethane
Concen: 1.932 ug/l
RT: 9.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion: 83 Resp: 8544

Ion	Ratio	Lower	Upper
83	100		
85	65.8	54.5	81.7
127	8.5	6.6	10.0

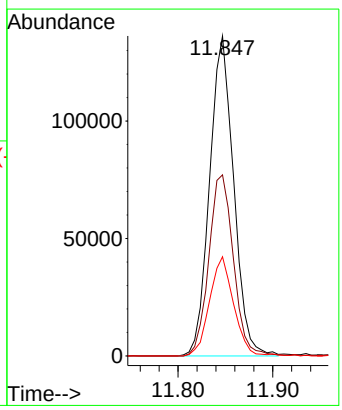


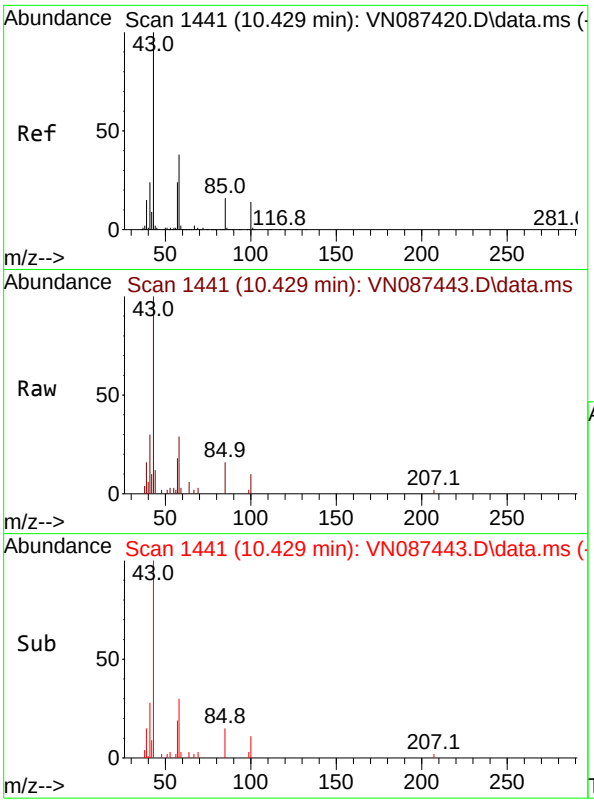


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion:117 Resp: 240837

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	30.8	25.7	38.5



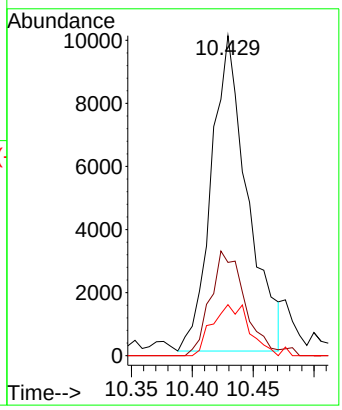


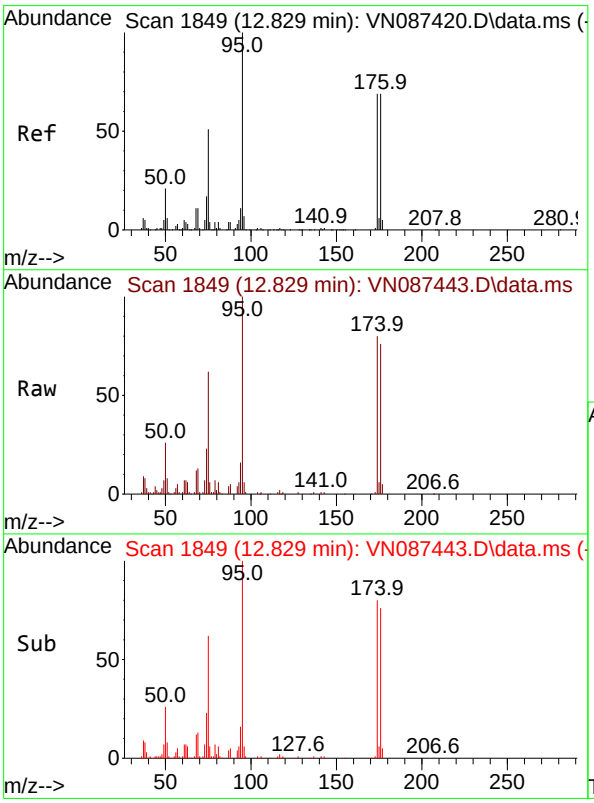
#58
4-Methyl-2-Pentanone
Concen: 3.812 ug/l
RT: 10.429 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion: 43 Resp: 20678

Ion	Ratio	Lower	Upper
43	100		
58	31.6	29.9	44.9
85	10.9	12.8	19.2#

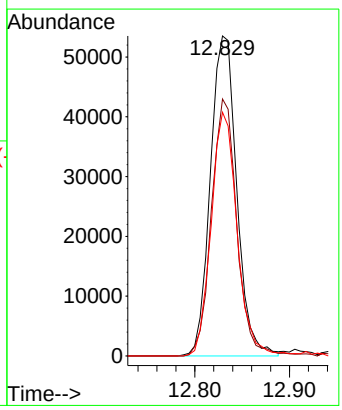


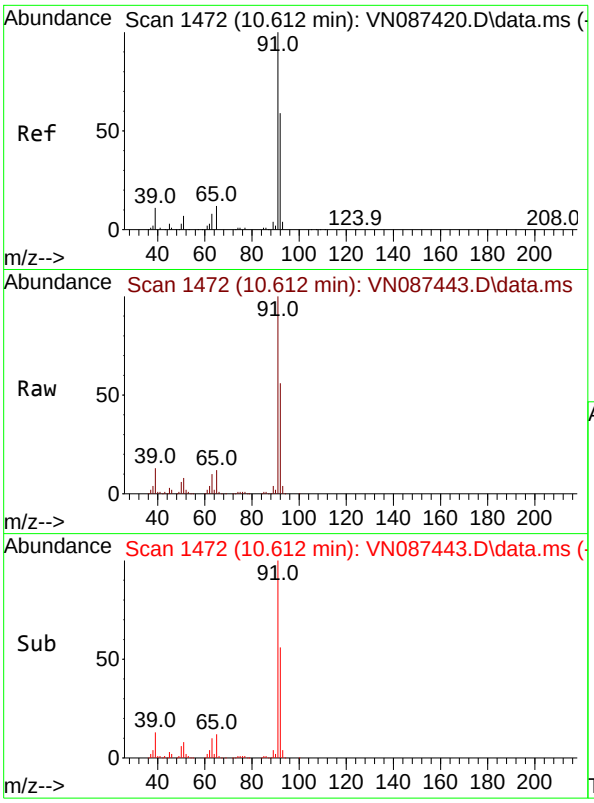


#60
4-Bromofluorobenzene
Concen: 26.193 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 95 Resp: 103589

Ion	Ratio	Lower	Upper
95	100		
174	76.5	57.8	86.8
176	74.4	54.9	82.3



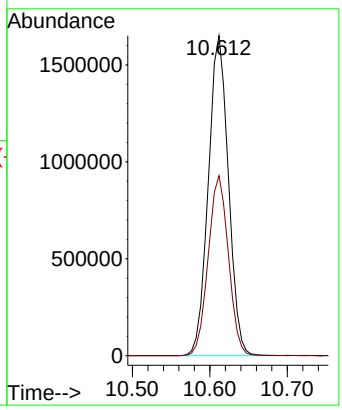


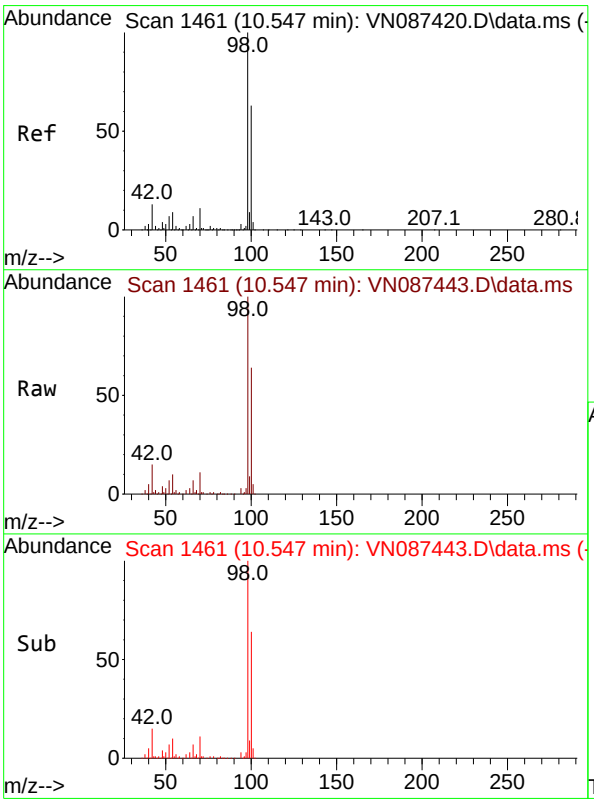
#62
Toluene
Concen: 218.638 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion: 91 Resp: 2971705

Ion	Ratio	Lower	Upper
91	100		
92	56.6	45.6	68.4

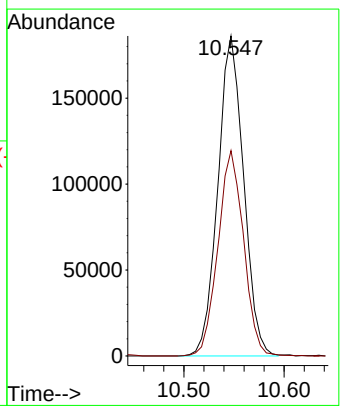


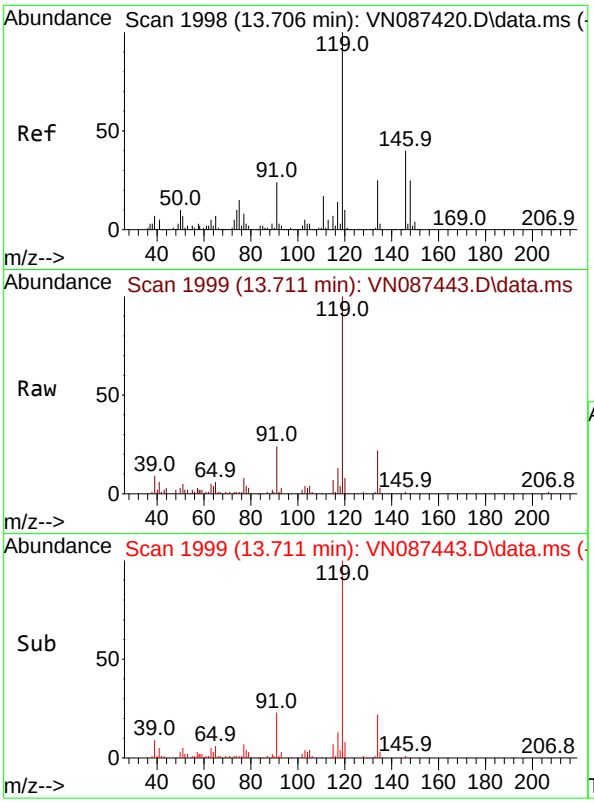


#63
Toluene-d8
Concen: 29.953 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 98 Resp: 331290

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1



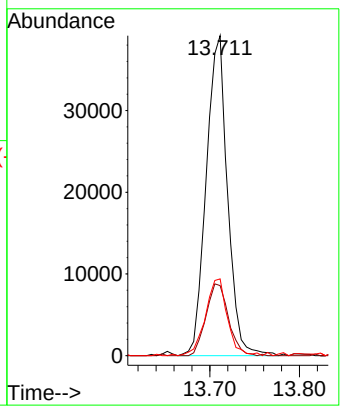


#82
p-Isopropyltoluene
Concen: 5.354 ug/l
RT: 13.711 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

Tgt Ion:119 Resp: 64602

Ion	Ratio	Lower	Upper
119	100		
134	23.6	0.0	50.8
91	24.4	0.0	47.6



Raw Data: **VN087445.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/29/25
Project:	Transfer Station-SPDES	Date Received:	07/30/25
Client Sample ID:	001 willets Pt Blvd(july)DL	SDG No.:	Q2730
Lab Sample ID:	Q2730-01DL	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087445.D	4	07/30/25 15:12	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.80	UD	1.80	20.0	ug/L
108-88-3	Toluene	220	D	1.80	20.0	ug/L
100-41-4	Ethyl Benzene	2.20	UD	2.20	20.0	ug/L
179601-23-1	m/p-Xylenes	5.20	UD	5.20	40.0	ug/L
95-47-6	o-Xylene	2.70	UD	2.70	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	33.0		91 - 110	110%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.8		63 - 112	93%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	45800	7.8			
540-36-3	1,4-Difluorobenzene	265000	9.082			
3114-55-4	Chlorobenzene-d5	234000	11.847			

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

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

Sample Results: **VN087445.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087445.D
Acq On : 30 Jul 2025 15:12
Operator : JC\MD
Sample : Q2730-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 31 01:15:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	45845	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	265372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	233679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	115591	32.972	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.900%			
60) 4-Bromofluorobenzene	12.829	95	106701	27.806	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.700%			
63) Toluene-d8	10.547	98	323951	30.187	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.633%			
Target Compounds						Qvalue
15) Acetone	4.424	58	5183	12.060	ug/l	79
25) Chloroform	7.953	83	21526	4.046	ug/l	93
30) 2-Butanone	7.471	43	19857m	7.275	ug/l	
62) Toluene	10.612	91	724672	54.950	ug/l	99
82) p-Isopropyltoluene	13.711	119	16743	1.430	ug/l	98

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

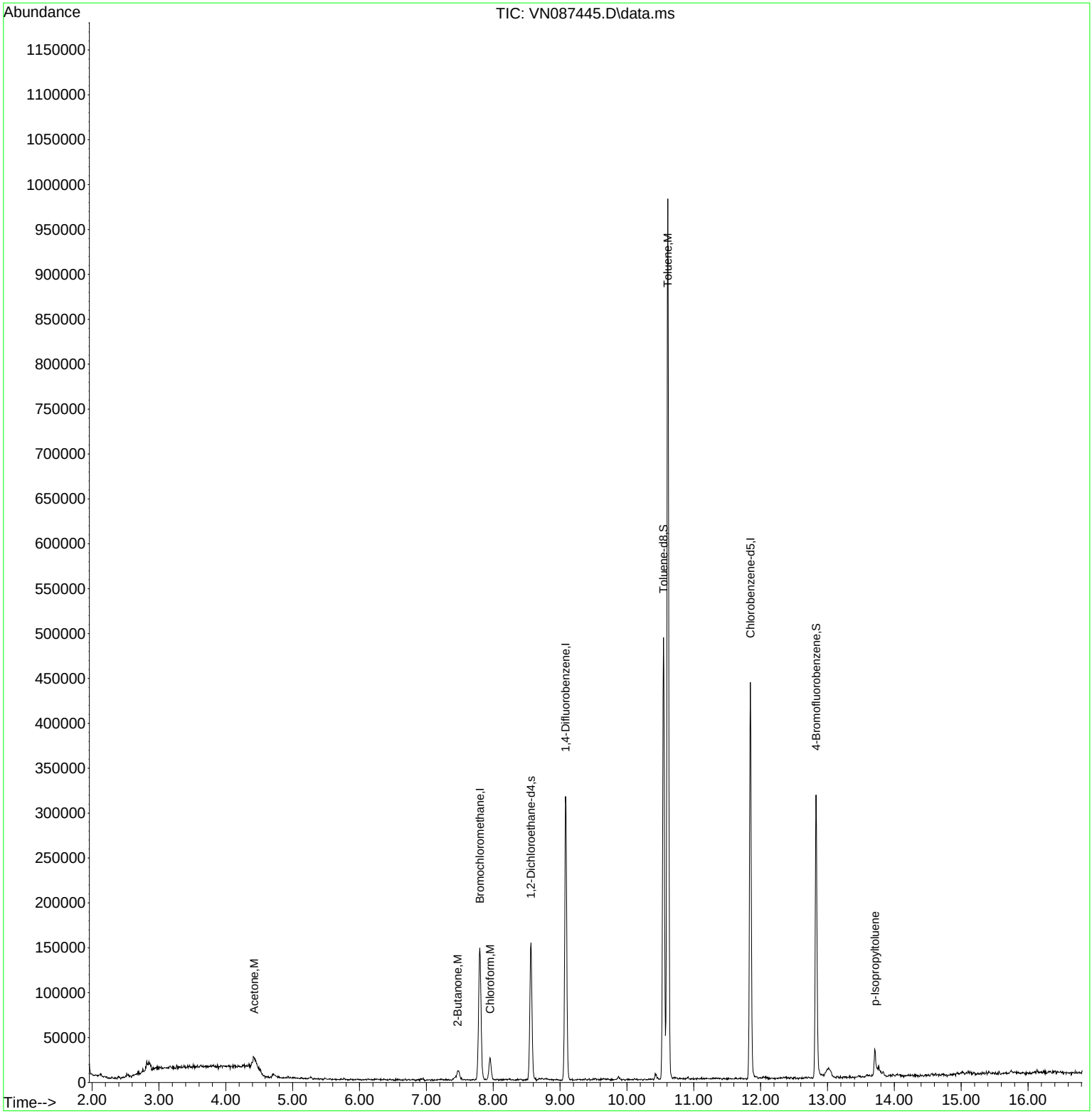
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087445.D
Acq On : 30 Jul 2025 15:12
Operator : JC\MD
Sample : Q2730-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

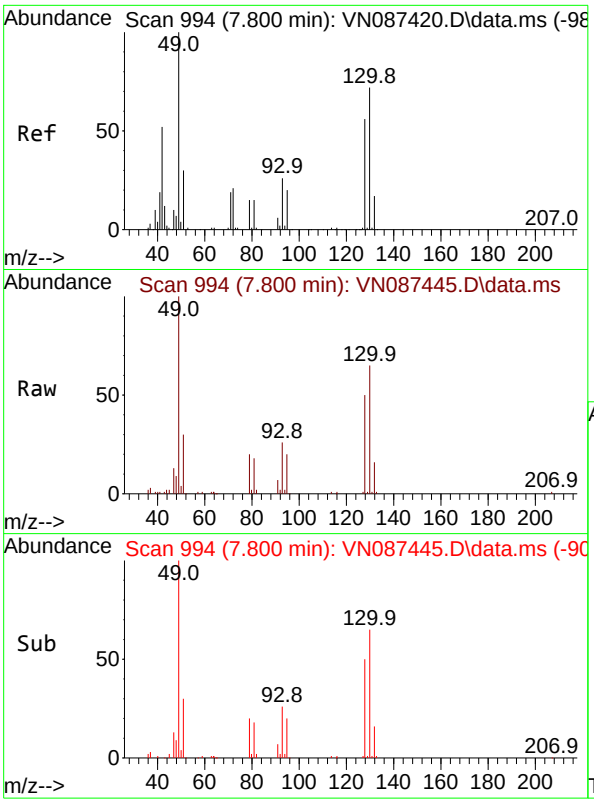
Quant Time: Jul 31 01:15:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

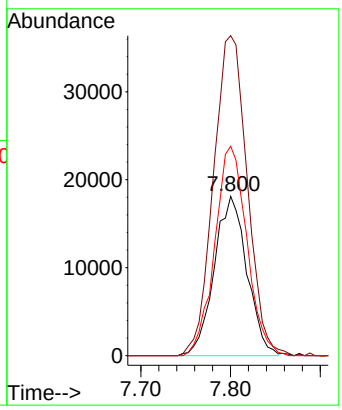




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion:128 Resp: 4584

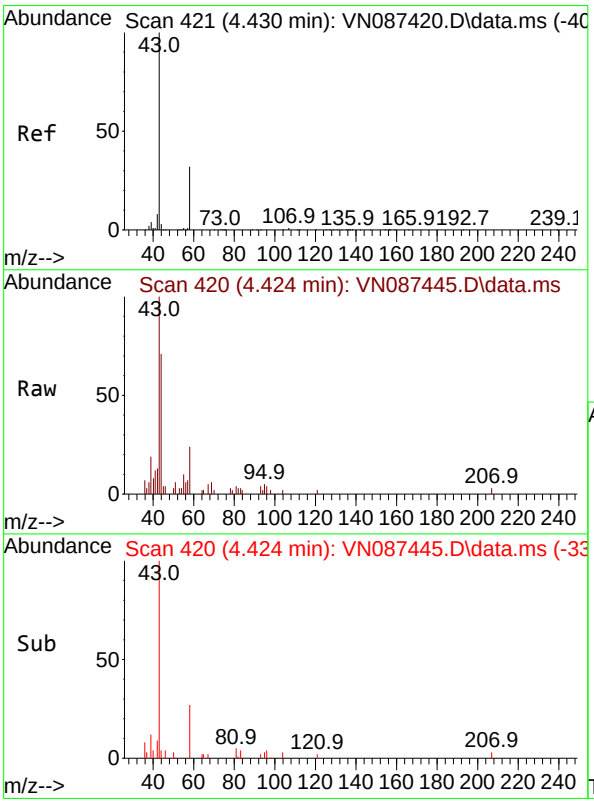
Ion	Ratio	Lower	Upper
128	100		
49	207.7	0.0	457.3
130	129.2	0.0	316.0



Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations
APPROVED

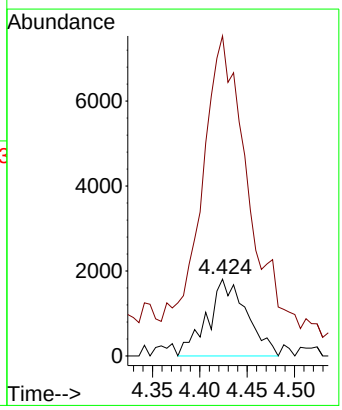
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

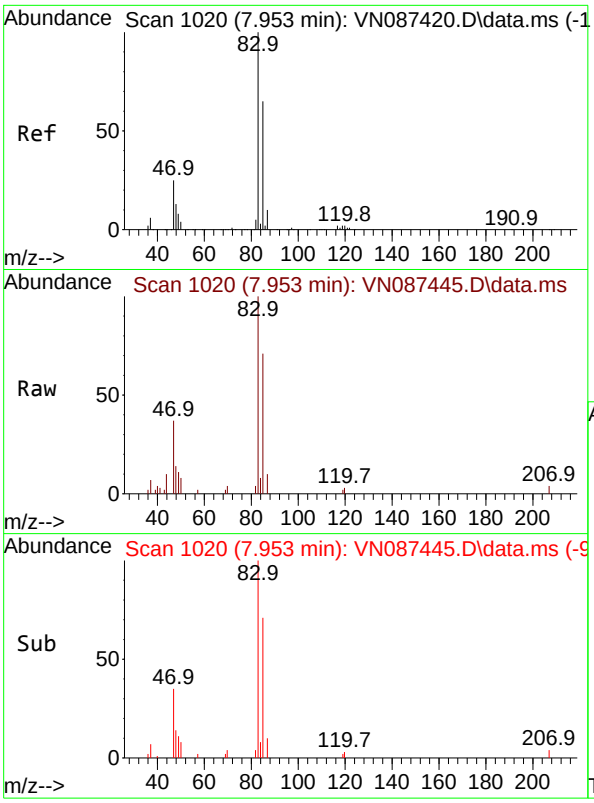


#15
Acetone
Concen: 12.060 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion: 58 Resp: 5183

Ion	Ratio	Lower	Upper
58	100		
43	352.7	248.4	372.6





#25
Chloroform
Concen: 4.046 ug/l
RT: 7.953 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

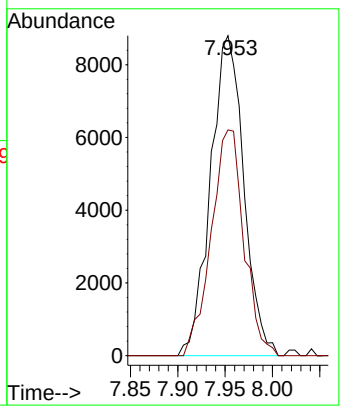
Tgt Ion: 83 Resp: 2152(

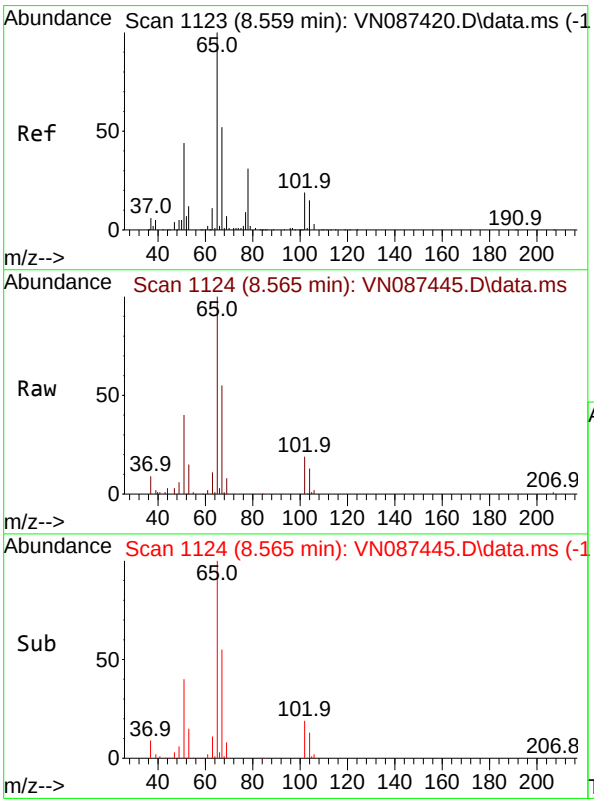
Ion	Ratio	Lower	Upper
83	100		
85	70.6	52.0	78.0

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

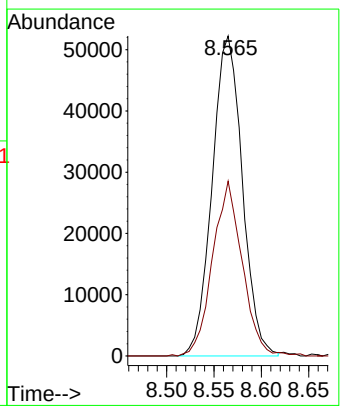


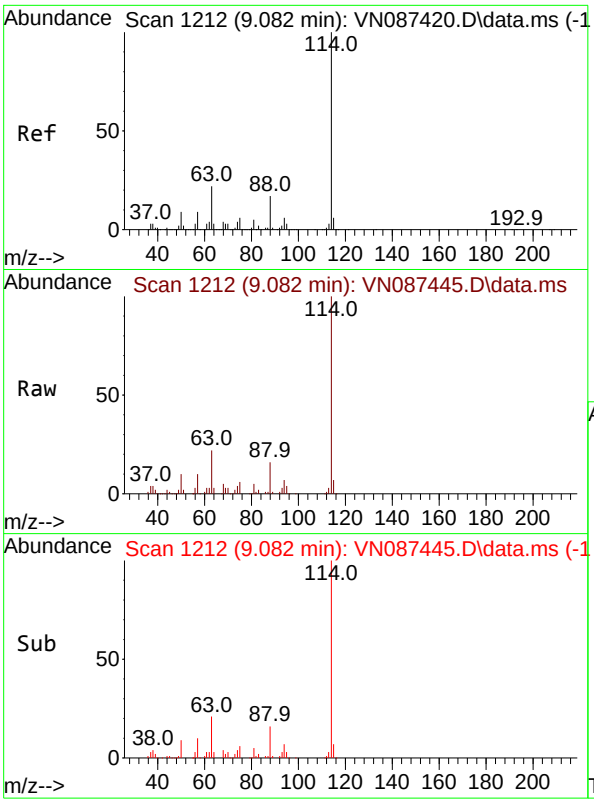


#27
1,2-Dichloroethane-d4
Concen: 32.972 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion: 65 Resp: 115591

Ion	Ratio	Lower	Upper
65	100		
67	53.2	42.3	63.5





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

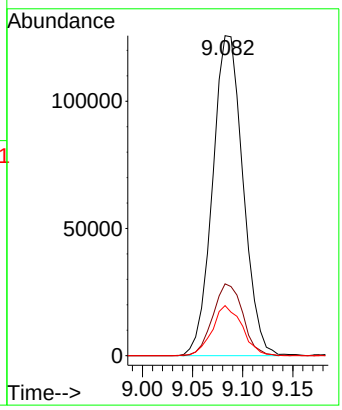
Tgt Ion:114 Resp: 26537

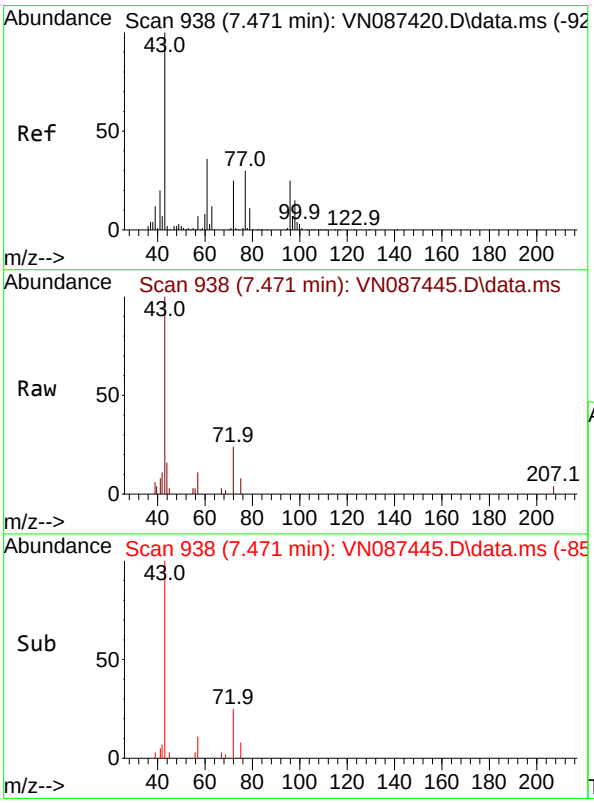
Ion	Ratio	Lower	Upper
114	100		
63	22.1	17.8	26.6
88	15.4	13.0	19.4

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

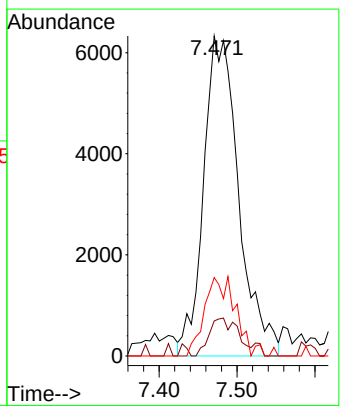


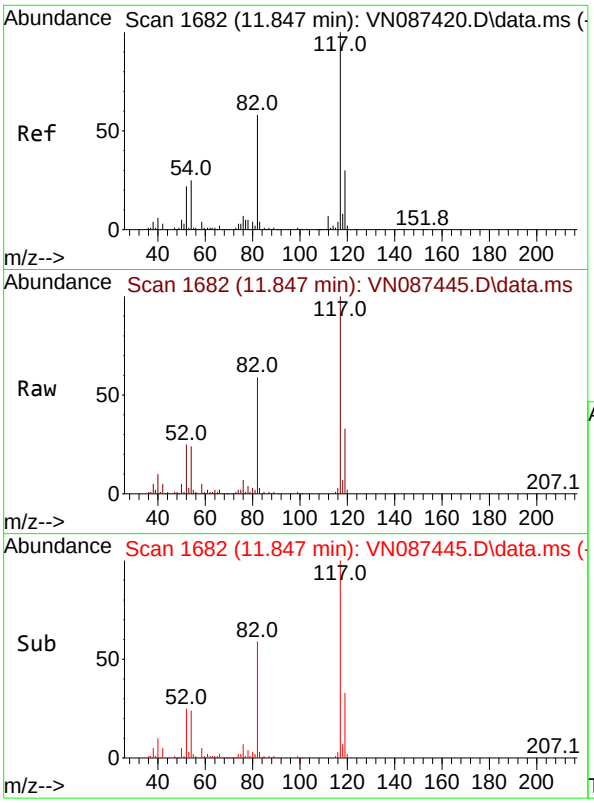


#30
2-Butanone
Concen: 7.275 ug/l m
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion: 43 Resp: 19857

Ion	Ratio	Lower	Upper
43	100		
57	6.3	6.0	9.0
72	13.3	20.3	30.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

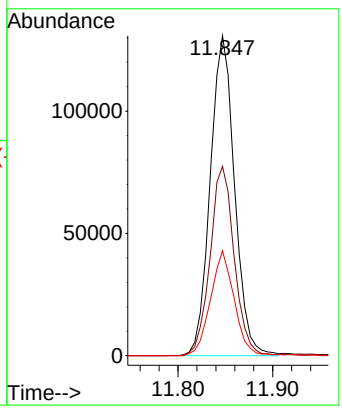
Tgt Ion:117 Resp: 233679

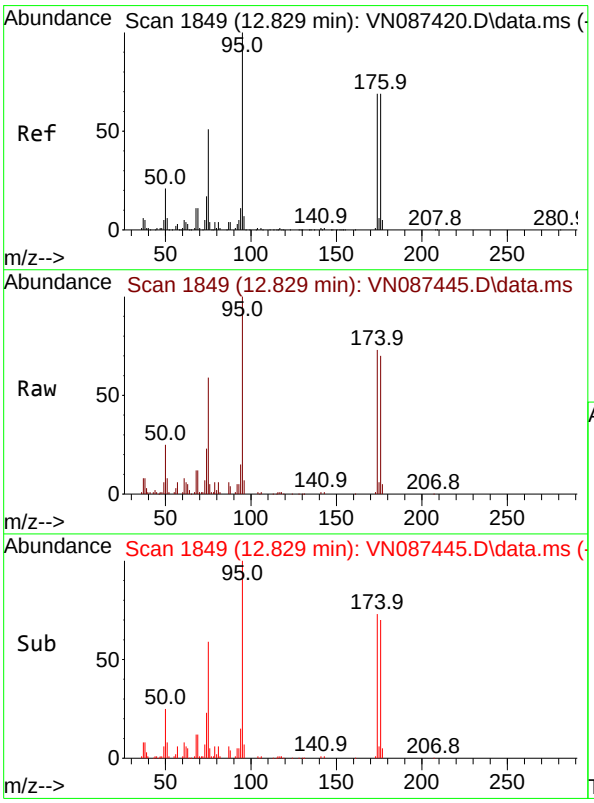
Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.2	69.4
119	32.0	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

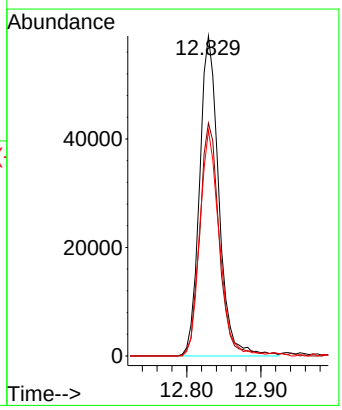


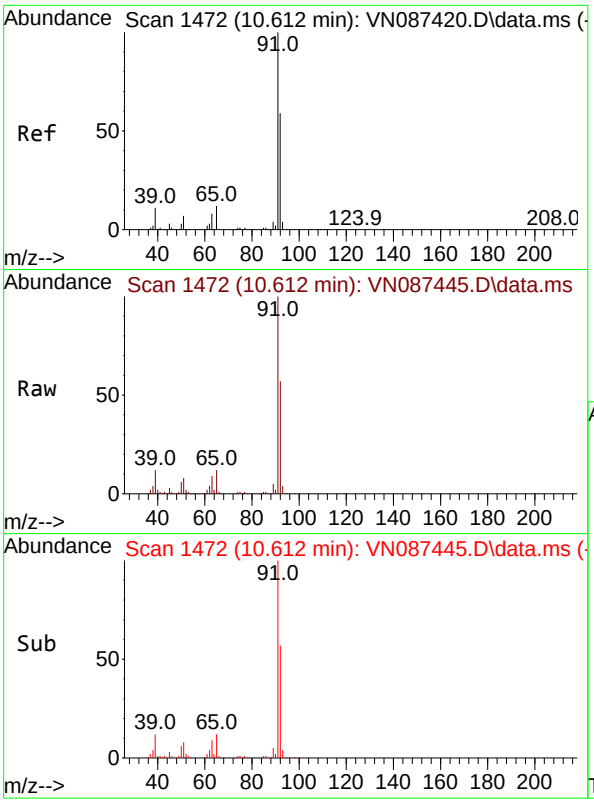


#60
4-Bromofluorobenzene
Concen: 27.806 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion: 95 Resp: 106701

Ion	Ratio	Lower	Upper
95	100		
174	73.2	57.8	86.8
176	71.0	54.9	82.3





#62
Toluene
Concen: 54.950 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

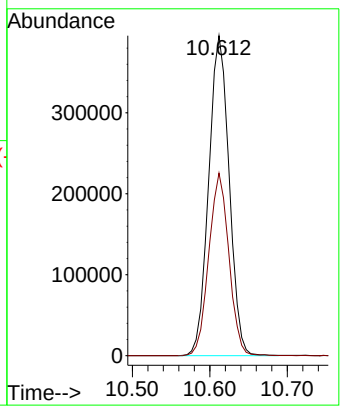
Tgt Ion: 91 Resp: 72467

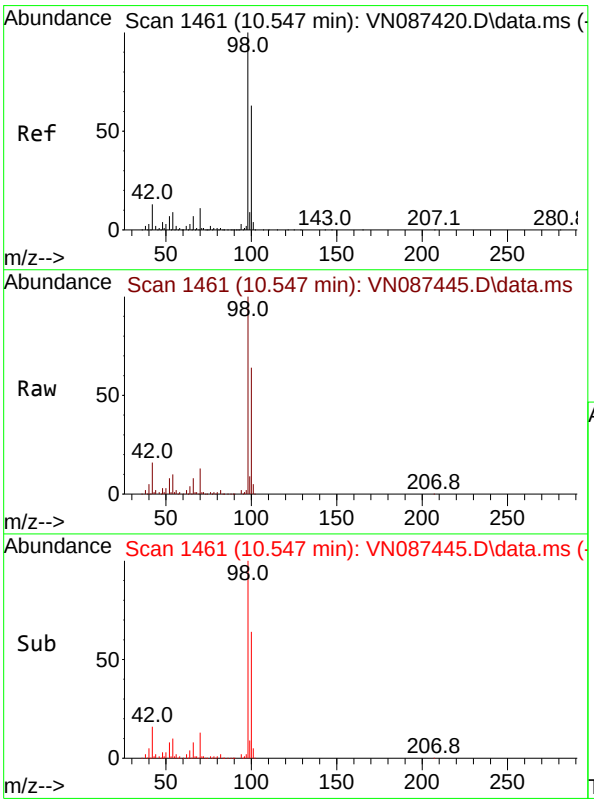
Ion	Ratio	Lower	Upper
91	100		
92	56.0	45.6	68.4

Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

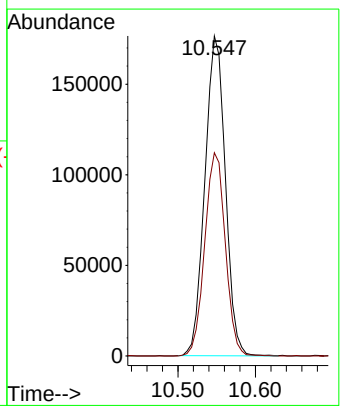


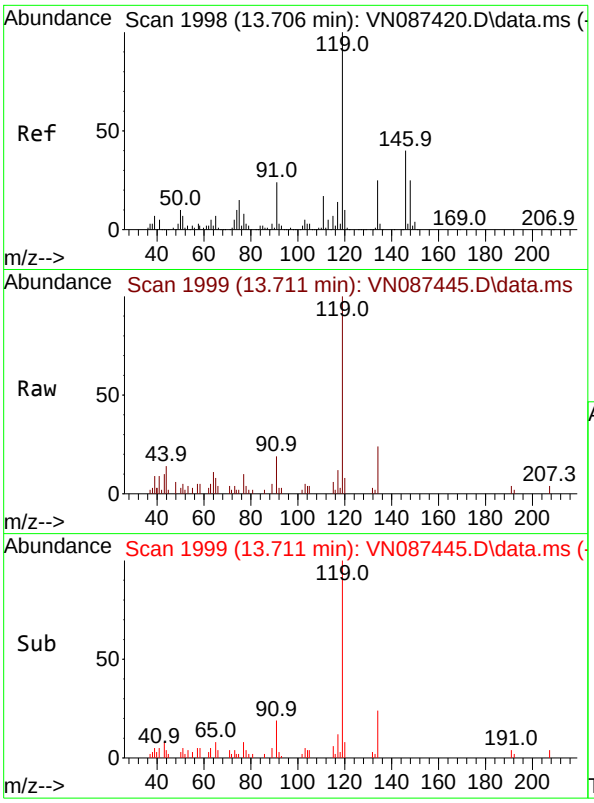


#63
Toluene-d8
Concen: 30.187 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion: 98 Resp: 323951

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1

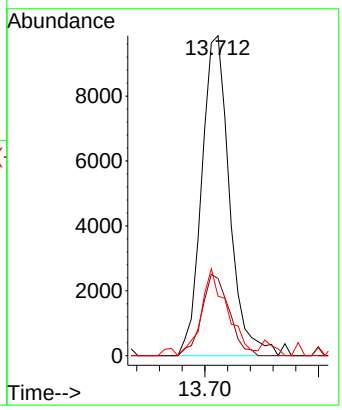




#82
p-Isopropyltoluene
Concen: 1.430 ug/l
RT: 13.711 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087445.D
Acq: 30 Jul 2025 15:12

Tgt Ion:119 Resp: 1674

Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	50.8
91	25.6	0.0	47.6



Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Raw Data: **VN087444.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/29/25
Project:	Transfer Station-SPDES	Date Received:	07/30/25
Client Sample ID:	002 35th Ave(july)	SDG No.:	Q2730
Lab Sample ID:	Q2730-02	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087444.D	1	07/30/25 14:49	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	250	E	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	33.1		91 - 110	110%	SPK: 30
2037-26-5	Toluene-d8	30.5		91 - 112	102%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.9		63 - 112	90%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	40600	7.8			
540-36-3	1,4-Difluorobenzene	232000	9.082			
3114-55-4	Chlorobenzene-d5	207000	11.847			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087444.D
Acq On : 30 Jul 2025 14:49
Operator : JC\MD
Sample : Q2730-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 31 01:15:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

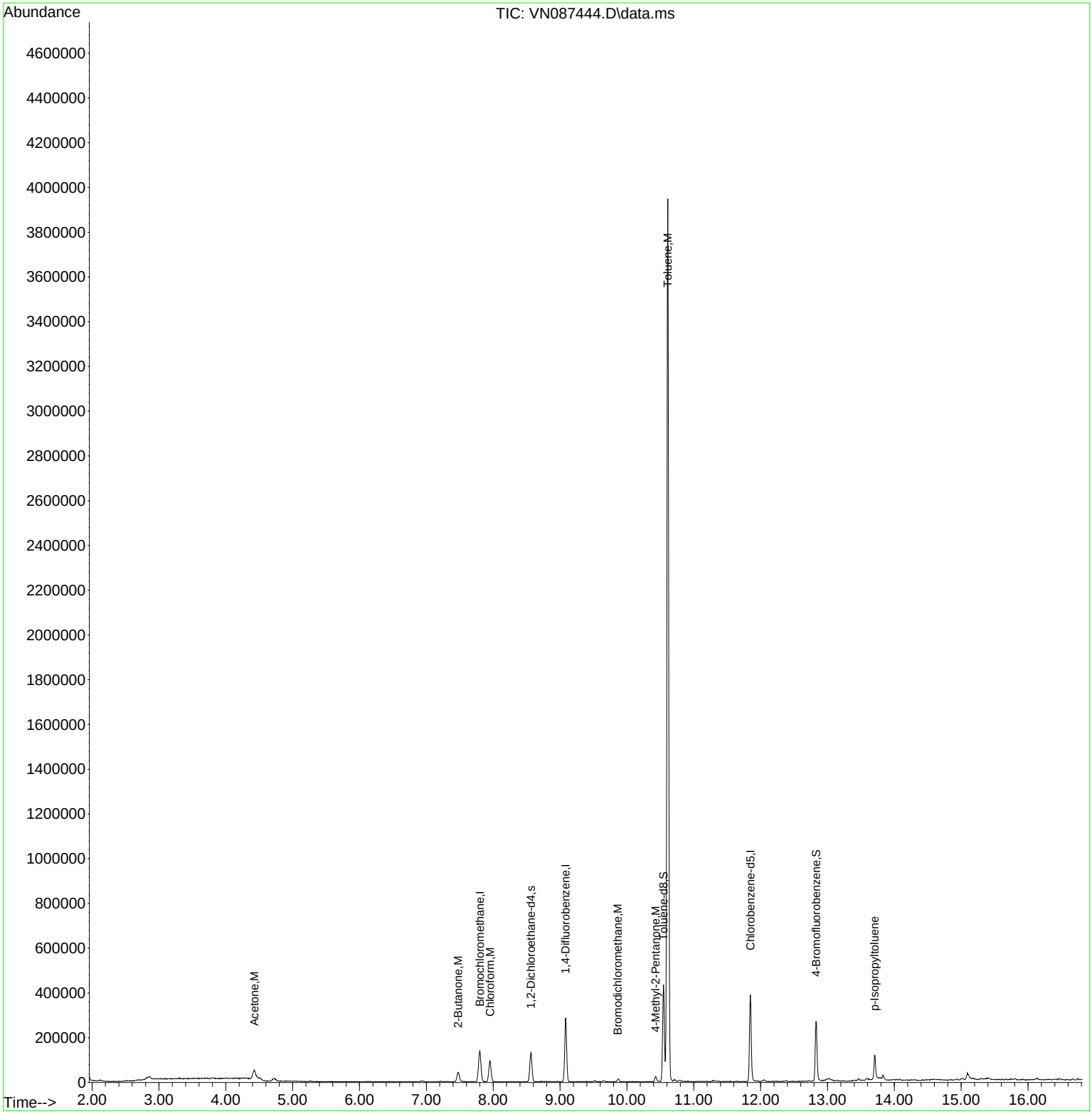
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	40620	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	232160	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	207024	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	102919	33.134	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.433%#				
60) 4-Bromofluorobenzene	12.829	95	91549	26.929	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.767%				
63) Toluene-d8	10.547	98	290430	30.548	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.833%				
Target Compounds							Qvalue
15) Acetone	4.430	58	18619	48.895	ug/l		94
25) Chloroform	7.953	83	86926	18.441	ug/l		92
30) 2-Butanone	7.477	43	71094	29.774	ug/l		98
41) Bromodichloromethane	9.865	83	7944	2.050	ug/l	#	80
58) 4-Methyl-2-Pentanone	10.429	43	18700	4.010	ug/l	#	93
62) Toluene	10.612	91	2904212	248.572	ug/l		99
82) p-Isopropyltoluene	13.706	119	61048	5.886	ug/l		95

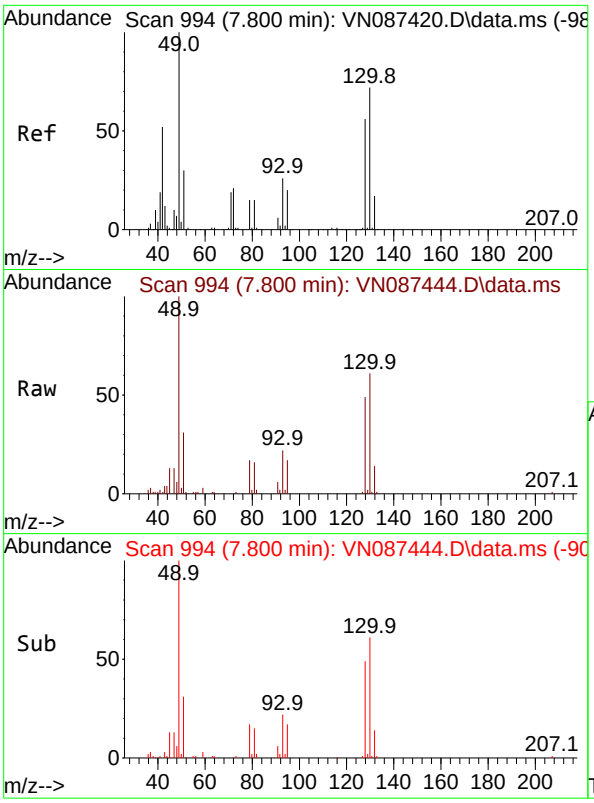
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087444.D
Acq On : 30 Jul 2025 14:49
Operator : JC\MD
Sample : Q2730-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 31 01:15:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration



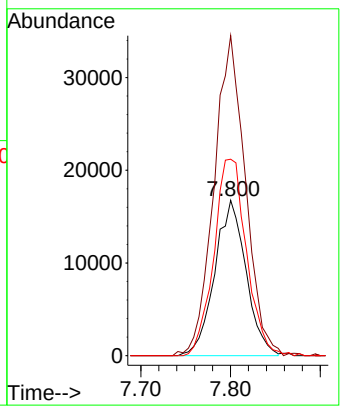


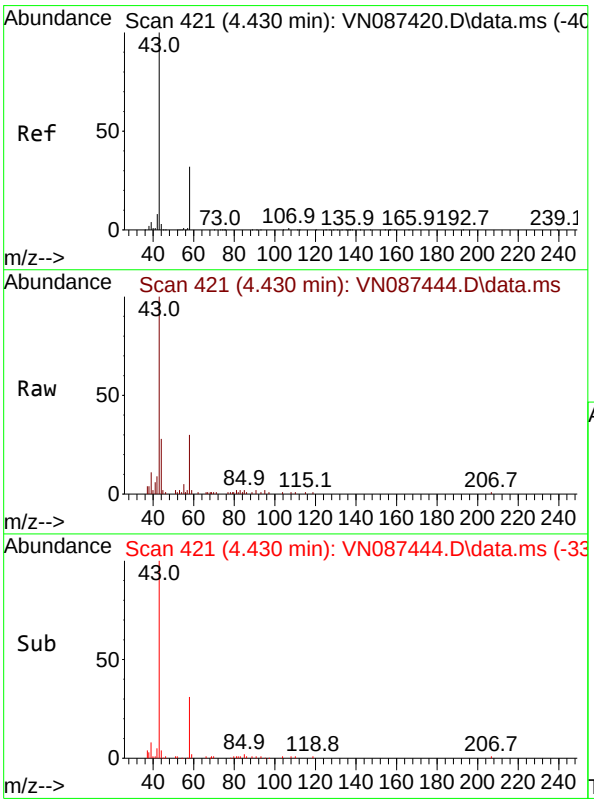
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion:128 Resp: 40620

Ion	Ratio	Lower	Upper
128	100		
49	206.1	0.0	457.3
130	131.8	0.0	316.0

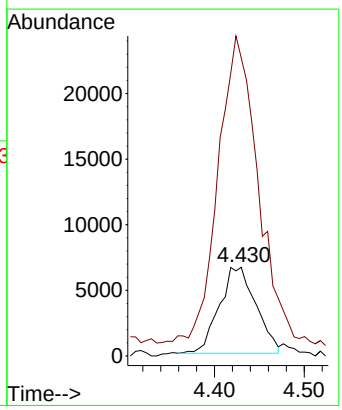


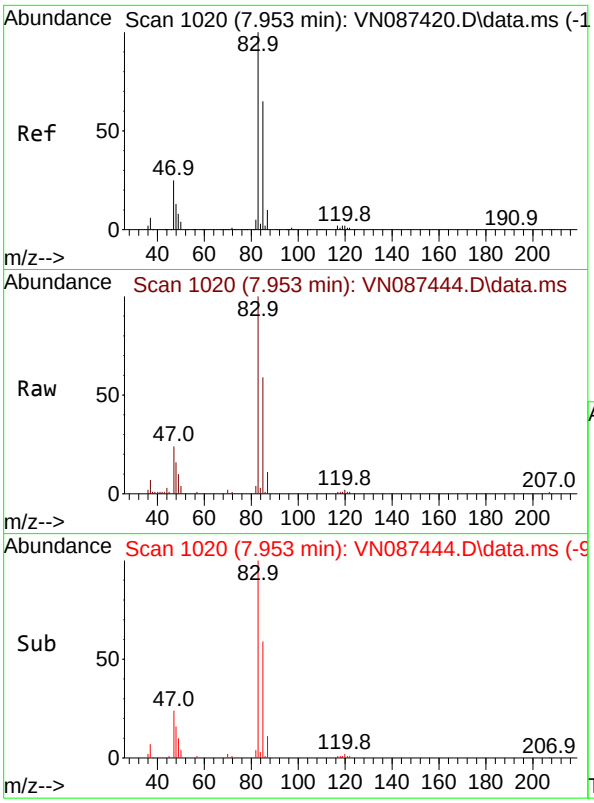


#15
Acetone
Concen: 48.895 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

Tgt Ion: 58 Resp: 18619

Ion	Ratio	Lower	Upper
58	100		
43	323.5	248.4	372.6



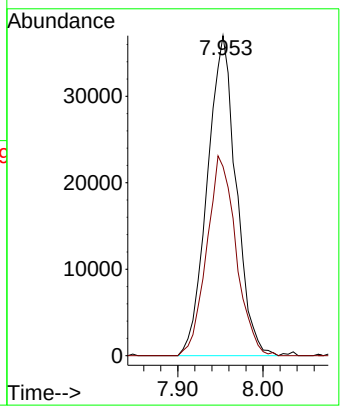


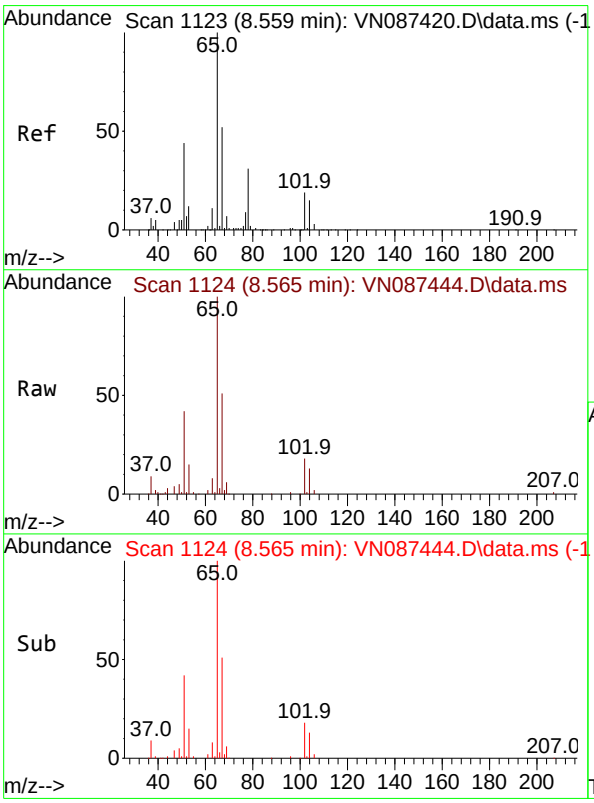
#25
Chloroform
Concen: 18.441 ug/l
RT: 7.953 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion: 83 Resp: 86926

Ion	Ratio	Lower	Upper
83	100		
85	59.1	52.0	78.0

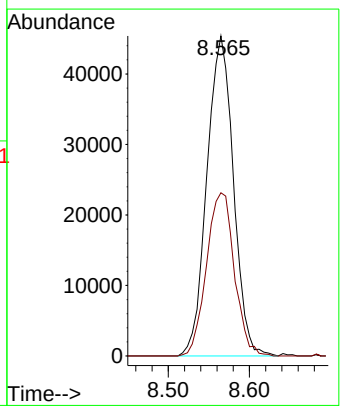


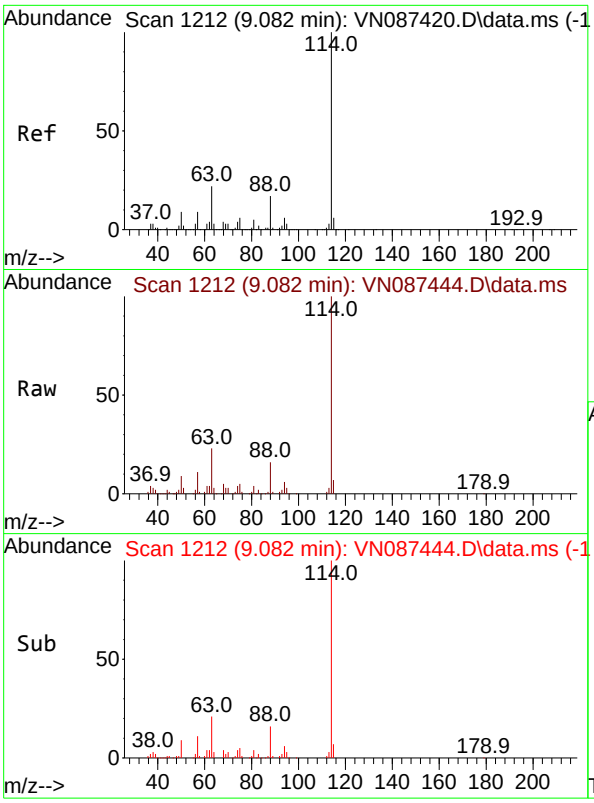


#27
1,2-Dichloroethane-d4
Concen: 33.134 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

Tgt Ion: 65 Resp: 102919

Ion	Ratio	Lower	Upper
65	100		
67	53.6	42.3	63.5



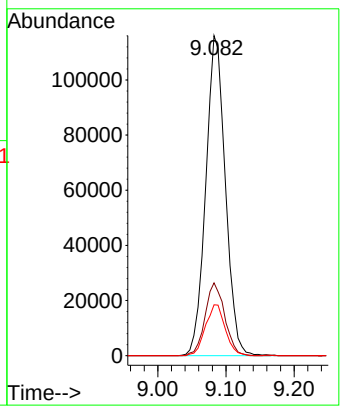


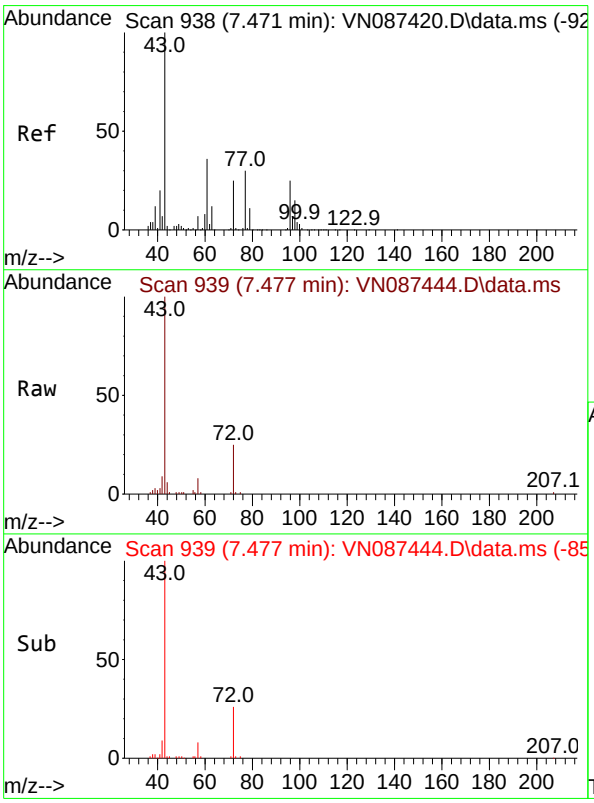
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion:114 Resp: 232160

Ion	Ratio	Lower	Upper
114	100		
63	22.8	17.8	26.6
88	16.1	13.0	19.4

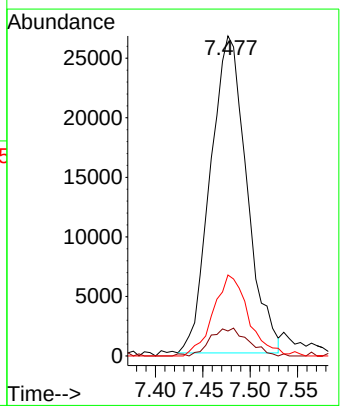


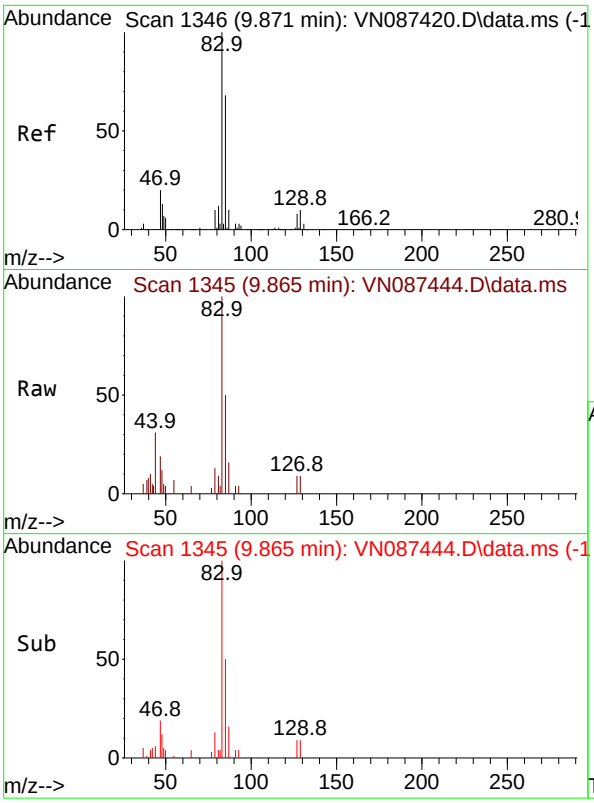


#30
2-Butanone
Concen: 29.774 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

Tgt Ion: 43 Resp: 71094

Ion	Ratio	Lower	Upper
43	100		
57	9.0	6.0	9.0
72	24.5	20.3	30.5



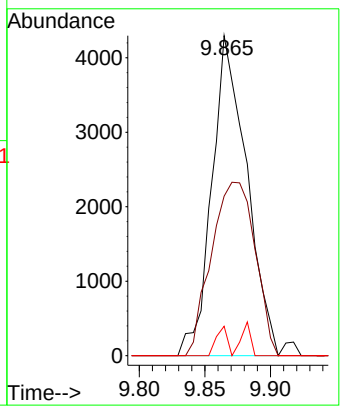


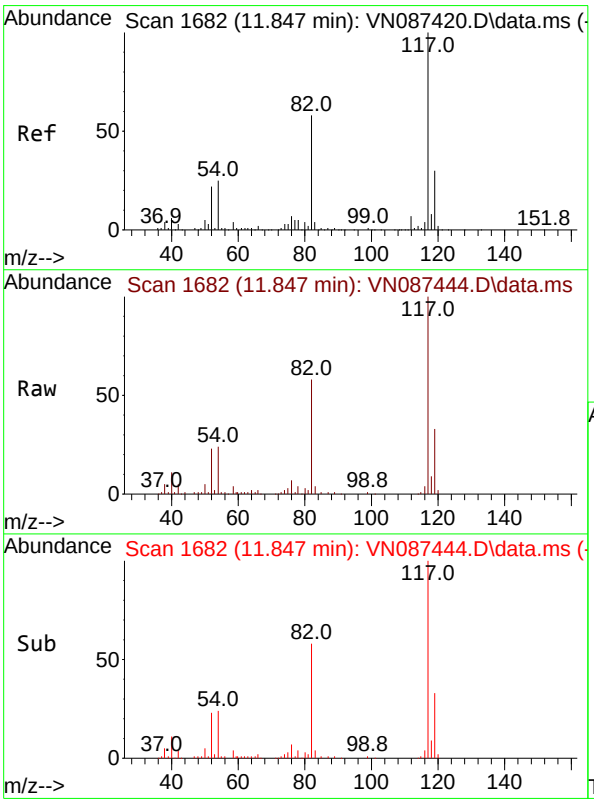
#41
Bromodichloromethane
Concen: 2.050 ug/l
RT: 9.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion: 83 Resp: 7944

Ion	Ratio	Lower	Upper
83	100		
85	49.8	54.5	81.7#
127	9.2	6.6	10.0

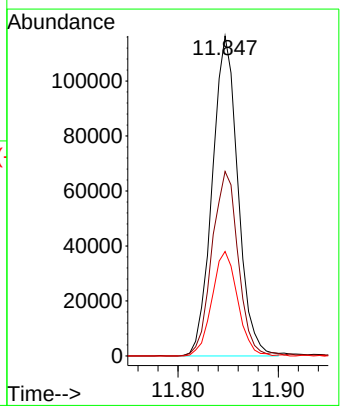


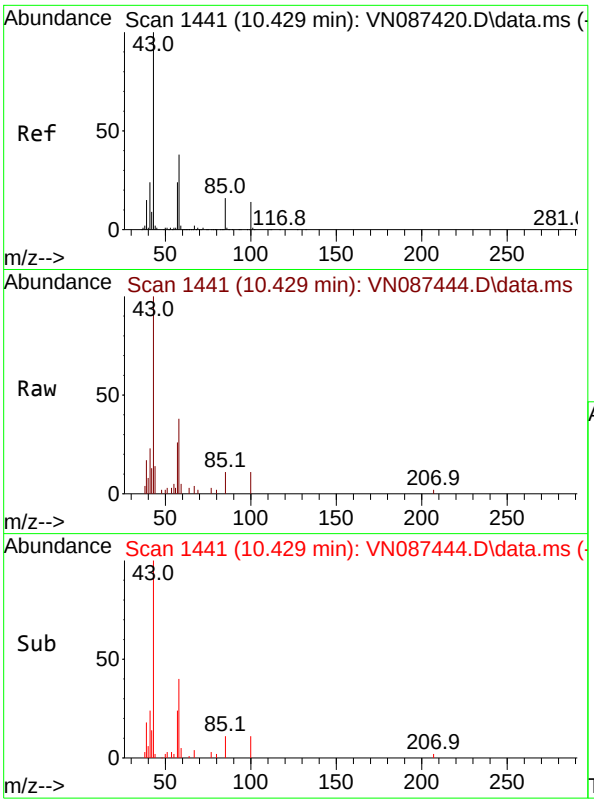


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

Tgt Ion:117 Resp: 207024

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.2	69.4
119	32.6	25.7	38.5



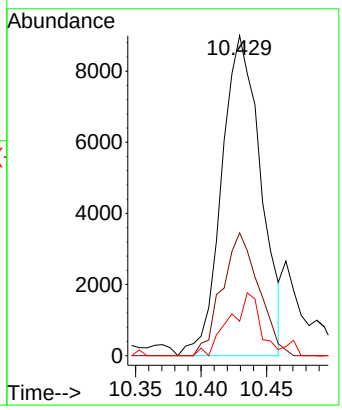


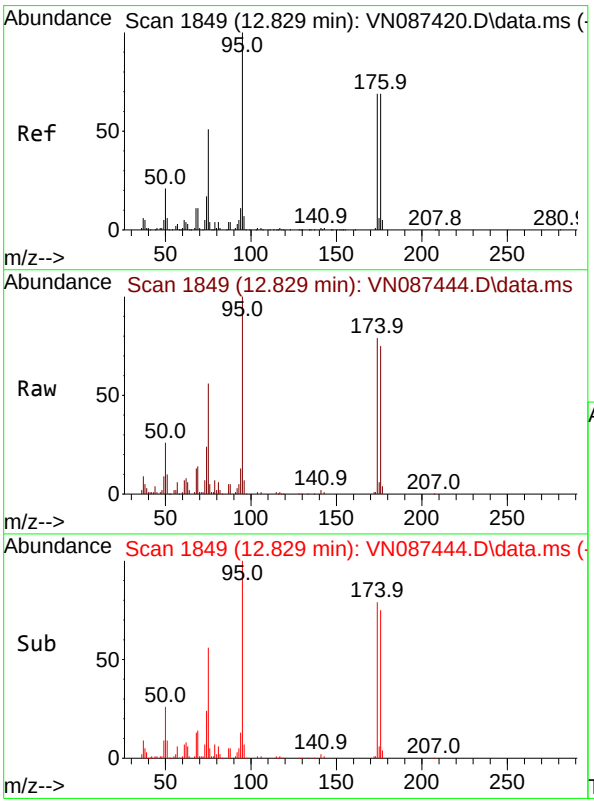
#58
4-Methyl-2-Pentanone
Concen: 4.010 ug/l
RT: 10.429 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion: 43 Resp: 18700

Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.9	44.9
85	8.3	12.8	19.2#

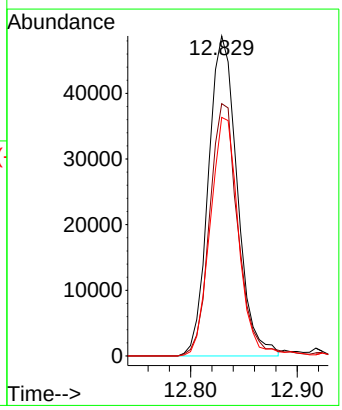


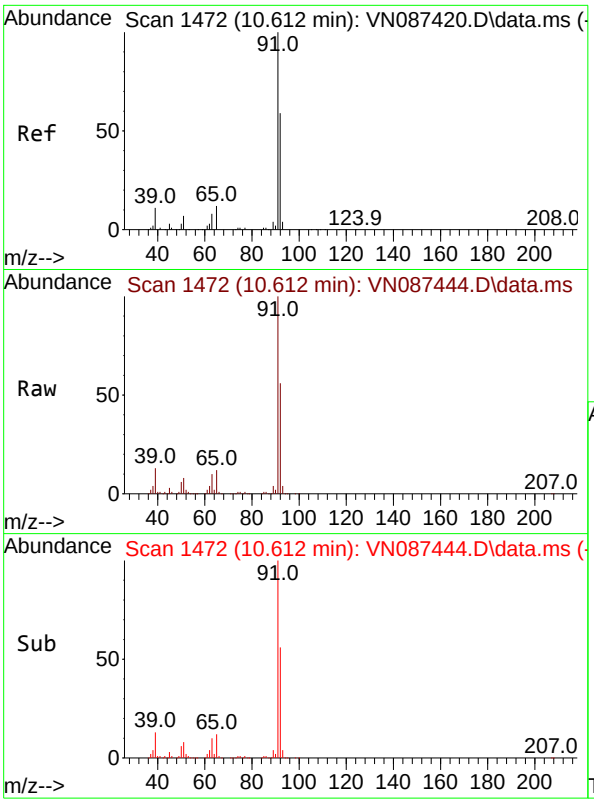


#60
4-Bromofluorobenzene
Concen: 26.929 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

Tgt Ion: 95 Resp: 91549

Ion	Ratio	Lower	Upper
95	100		
174	77.8	57.8	86.8
176	72.0	54.9	82.3



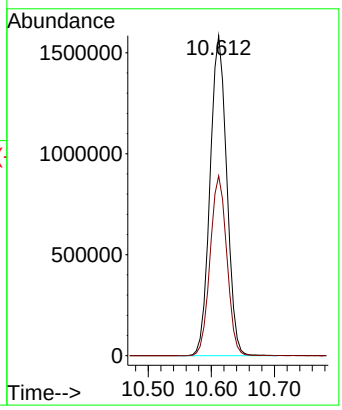


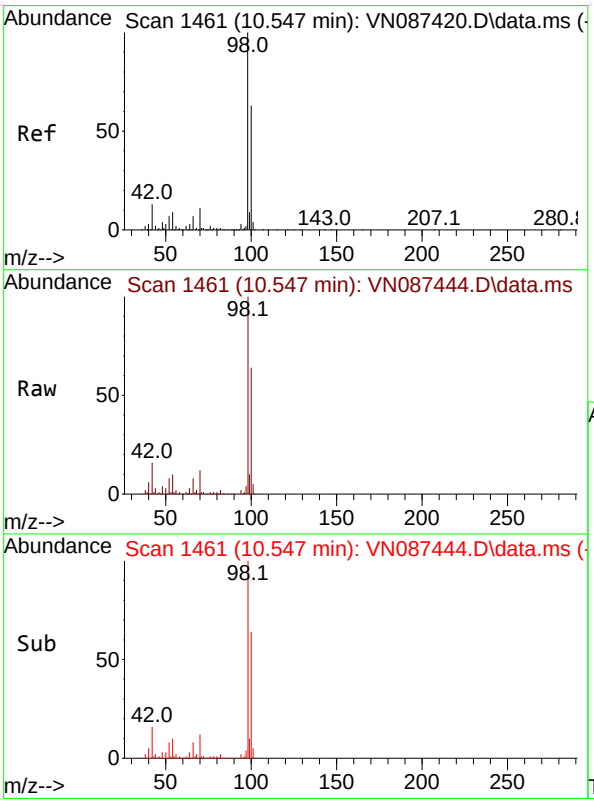
#62
Toluene
Concen: 248.572 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion: 91 Resp: 2904212

Ion	Ratio	Lower	Upper
91	100		
92	56.2	45.6	68.4

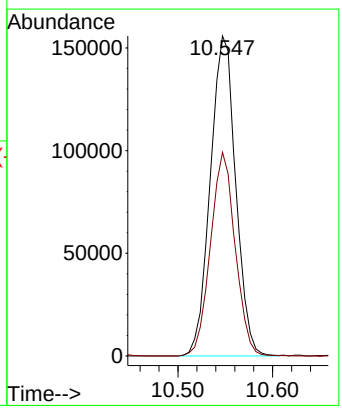


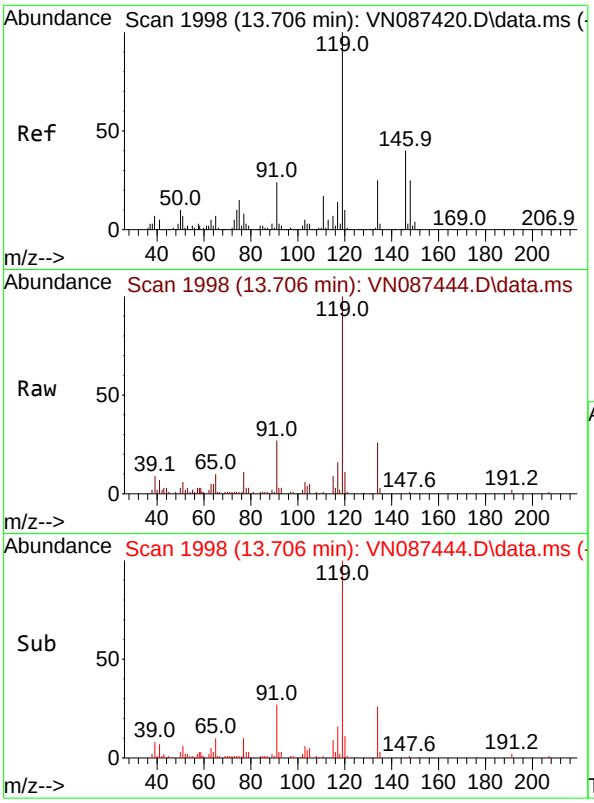


#63
Toluene-d8
Concen: 30.548 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

Tgt Ion: 98 Resp: 290430

Ion	Ratio	Lower	Upper
98	100		
100	61.8	50.7	76.1



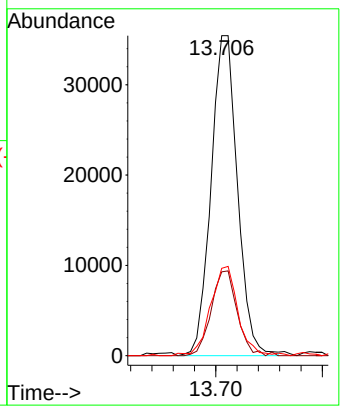


#82
p-Isopropyltoluene
Concen: 5.886 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087444.D
Acq: 30 Jul 2025 14:49

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

Tgt Ion:119 Resp: 61048

Ion	Ratio	Lower	Upper
119	100		
134	25.8	0.0	50.8
91	28.4	0.0	47.6



Raw Data: **VN087446.D**

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	07/29/25
Project:	Transfer Station-SPDES	Date Received:	07/30/25
Client Sample ID:	002 35th Ave(july)DL	SDG No.:	Q2730
Lab Sample ID:	Q2730-02DL	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087446.D	4	07/30/25 15:34	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.80	UD	1.80	20.0	ug/L
108-88-3	Toluene	210	D	1.80	20.0	ug/L
100-41-4	Ethyl Benzene	2.20	UD	2.20	20.0	ug/L
179601-23-1	m/p-Xylenes	5.20	UD	5.20	40.0	ug/L
95-47-6	o-Xylene	2.70	UD	2.70	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.0		91 - 110	107%	SPK: 30
2037-26-5	Toluene-d8	30.5		91 - 112	102%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.6		63 - 112	92%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	44900	7.8			
540-36-3	1,4-Difluorobenzene	245000	9.088			
3114-55-4	Chlorobenzene-d5	223000	11.847			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087446.D
Acq On : 30 Jul 2025 15:34
Operator : JC\MD
Sample : Q2730-02DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 01:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	44916	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	244671	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	222532	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	109845	31.981	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.600%			
60) 4-Bromofluorobenzene	12.829	95	100910	27.614	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.033%			
63) Toluene-d8	10.547	98	311506	30.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						Qvalue
15) Acetone	4.430	58	5982m	14.207	ug/l	
25) Chloroform	7.953	83	21078	4.044	ug/l	86
30) 2-Butanone	7.482	43	18039	7.168	ug/l #	90
58) 4-Methyl-2-Pentanone	10.435	43	5761m	1.149	ug/l	
62) Toluene	10.612	91	661108	52.641	ug/l	100
82) p-Isopropyltoluene	13.706	119	14983	1.344	ug/l	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087446.D
Acq On : 30 Jul 2025 15:34
Operator : JC\MD
Sample : Q2730-02DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 01:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

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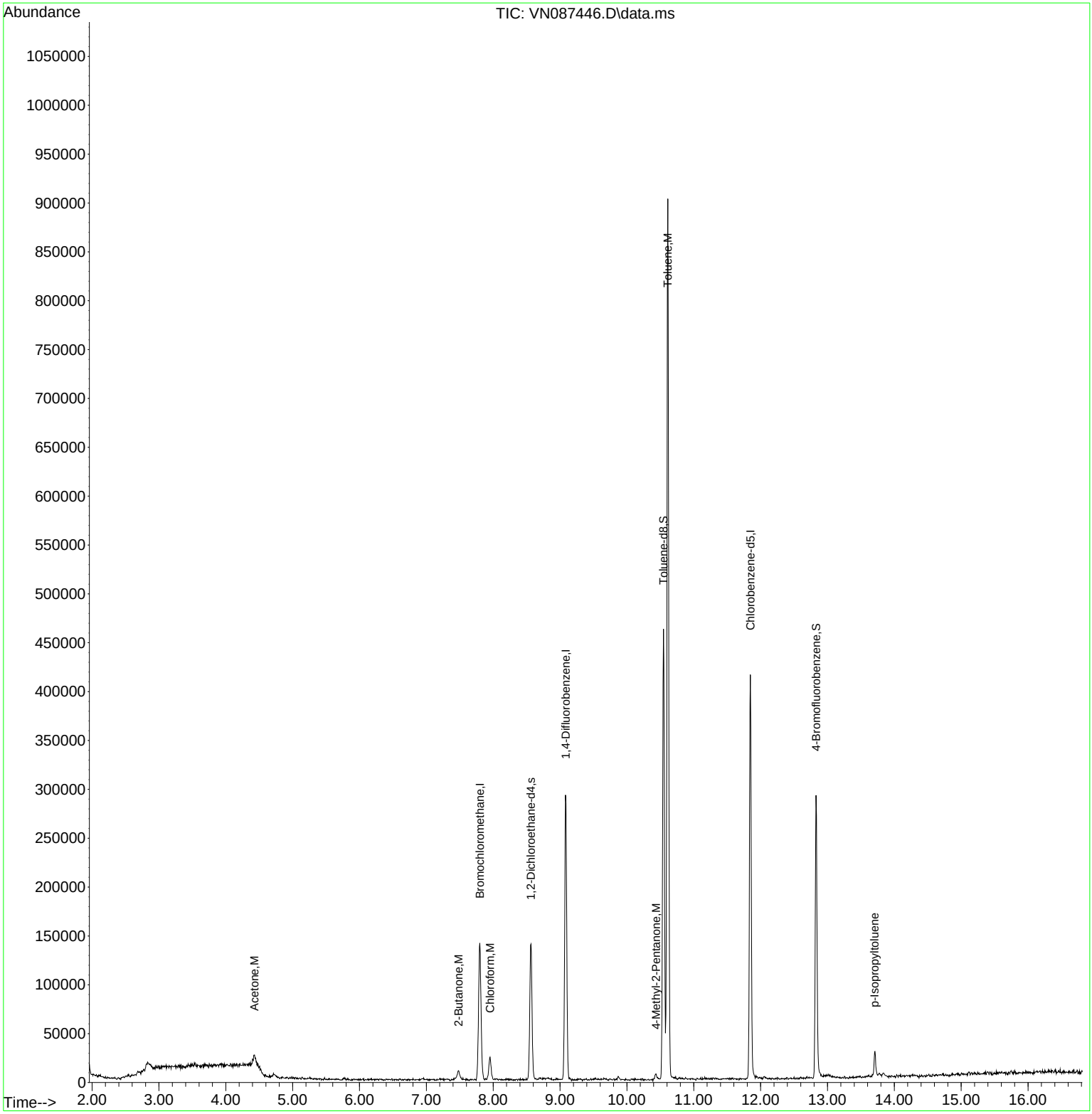
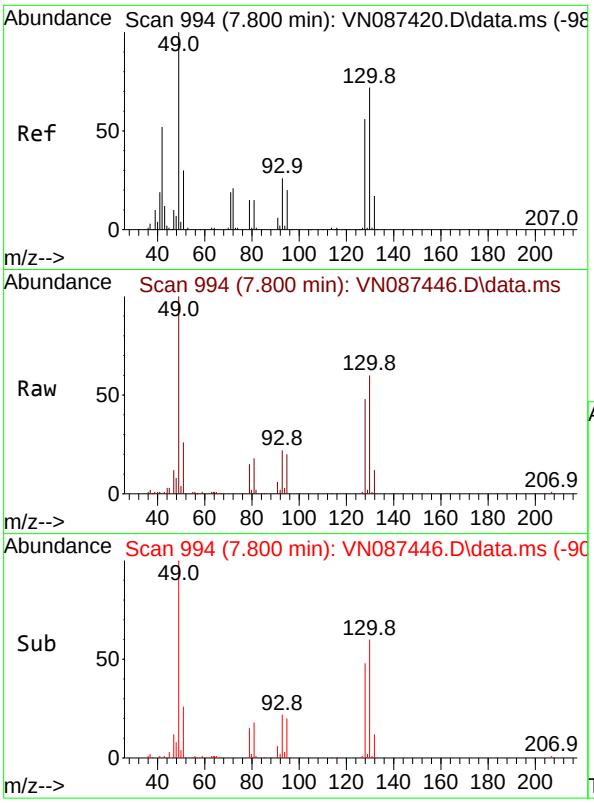
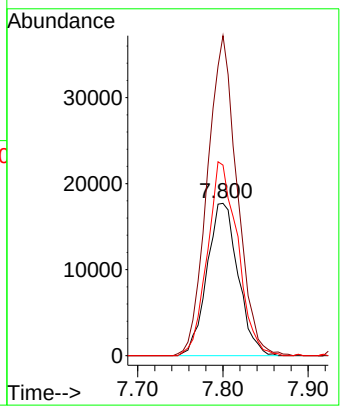




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion:128 Resp: 4491

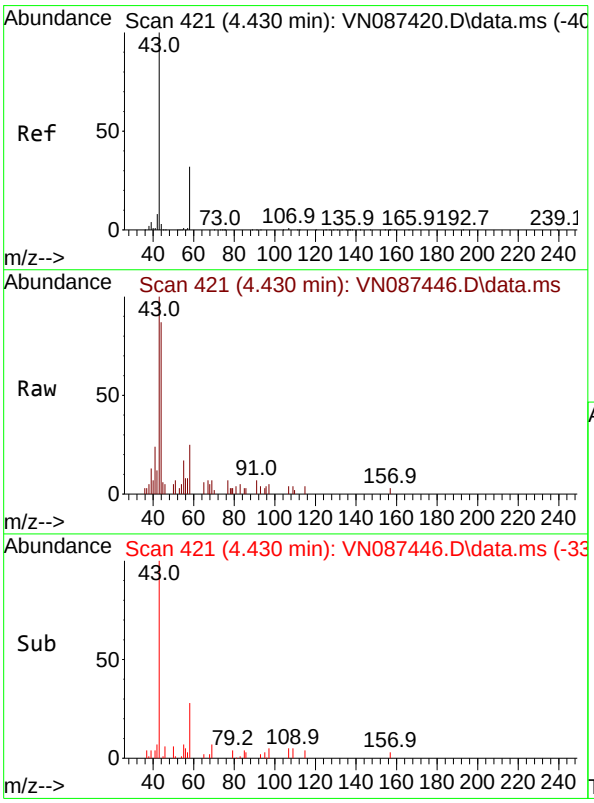
Ion	Ratio	Lower	Upper
128	100		
49	201.1	0.0	457.3
130	123.8	0.0	316.0



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

Manual Integrations
APPROVED

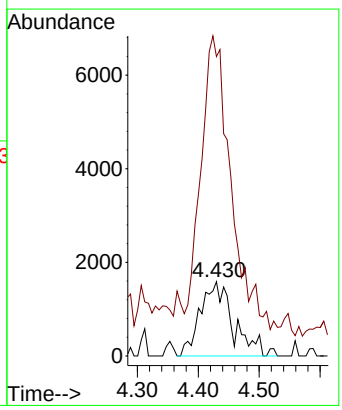
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

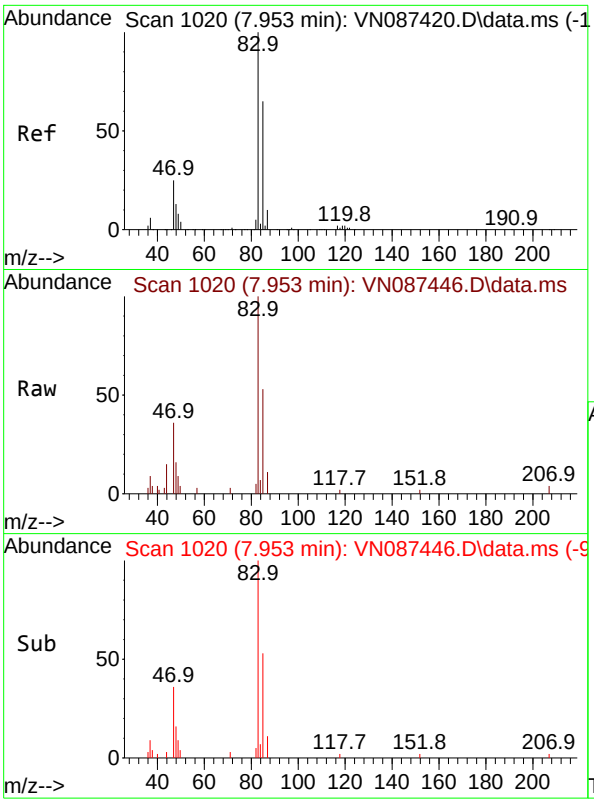


#15
Acetone
Concen: 14.207 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion: 58 Resp: 5982

Ion	Ratio	Lower	Upper
58	100		
43	402.8	248.4	372.6#





#25
Chloroform
Concen: 4.044 ug/l
RT: 7.953 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

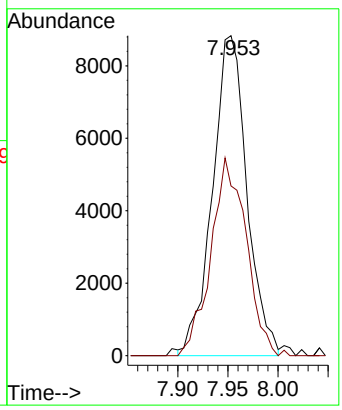
Tgt Ion: 83 Resp: 2107

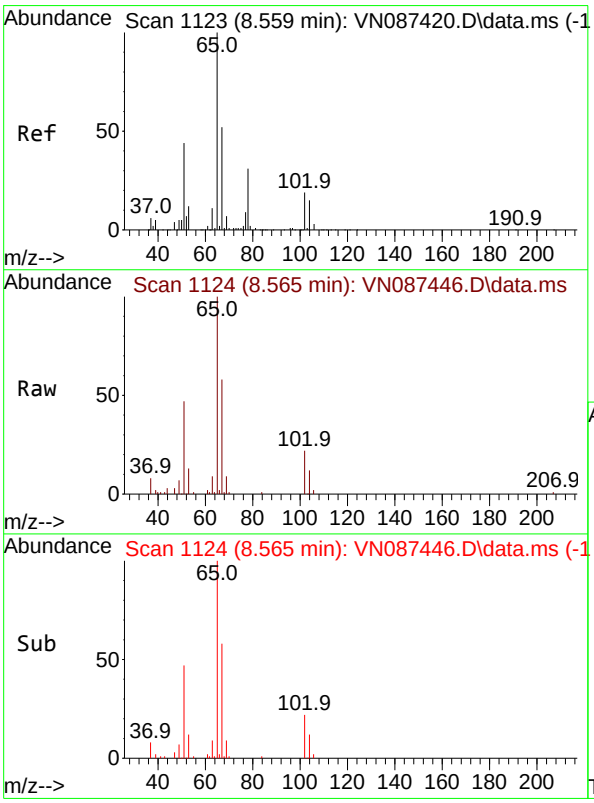
Ion	Ratio	Lower	Upper
83	100		
85	54.0	52.0	78.0

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

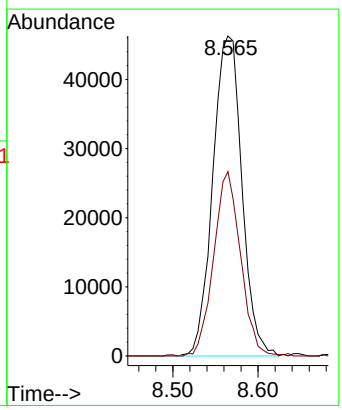


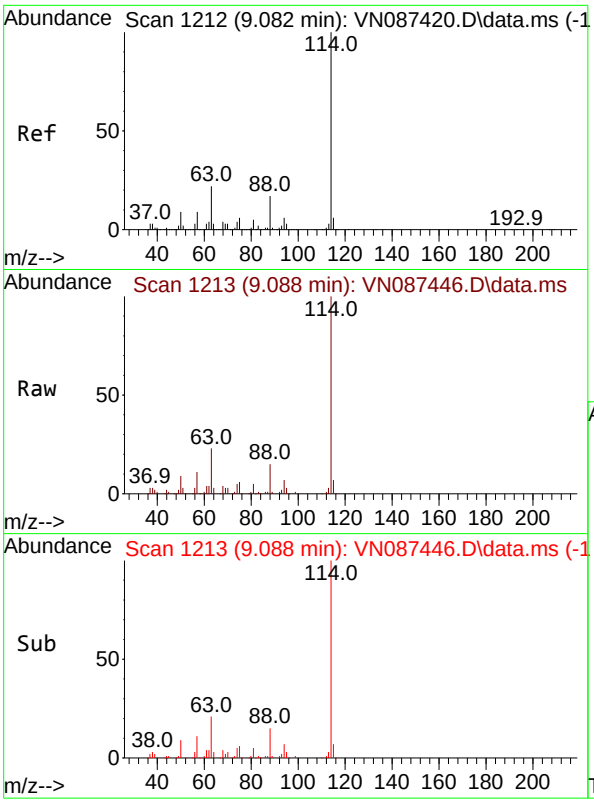


#27
1,2-Dichloroethane-d4
Concen: 31.981 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion: 65 Resp: 109845

Ion	Ratio	Lower	Upper
65	100		
67	53.2	42.3	63.5





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion:114 Resp: 24467

Ion	Ratio	Lower	Upper
114	100		
63	22.9	17.8	26.6
88	15.7	13.0	19.4

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

Manual Integrations
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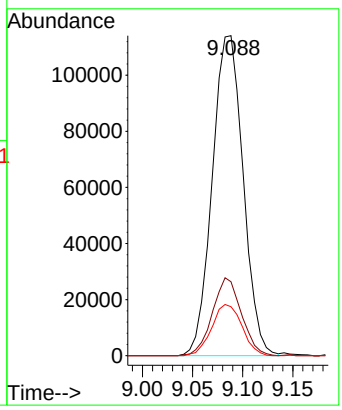
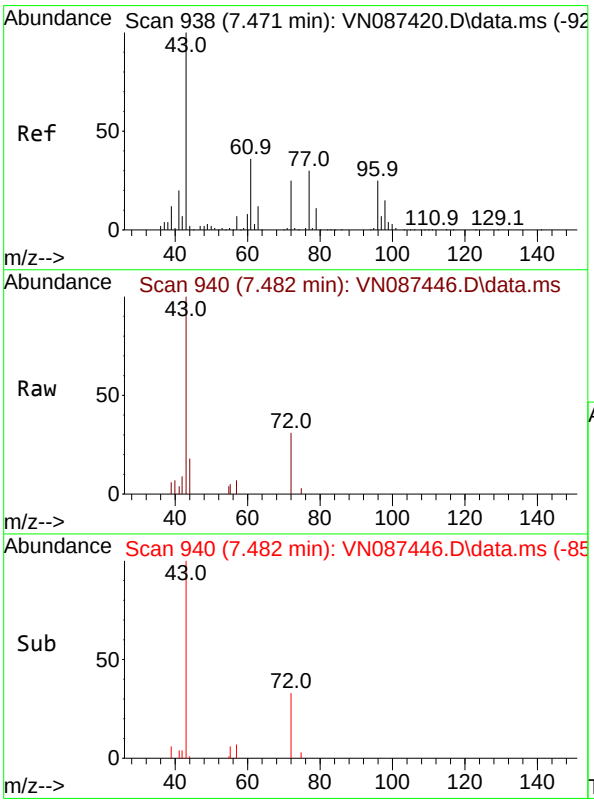
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

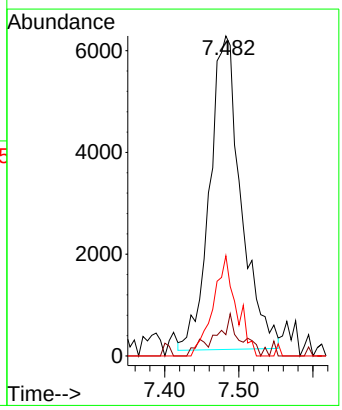


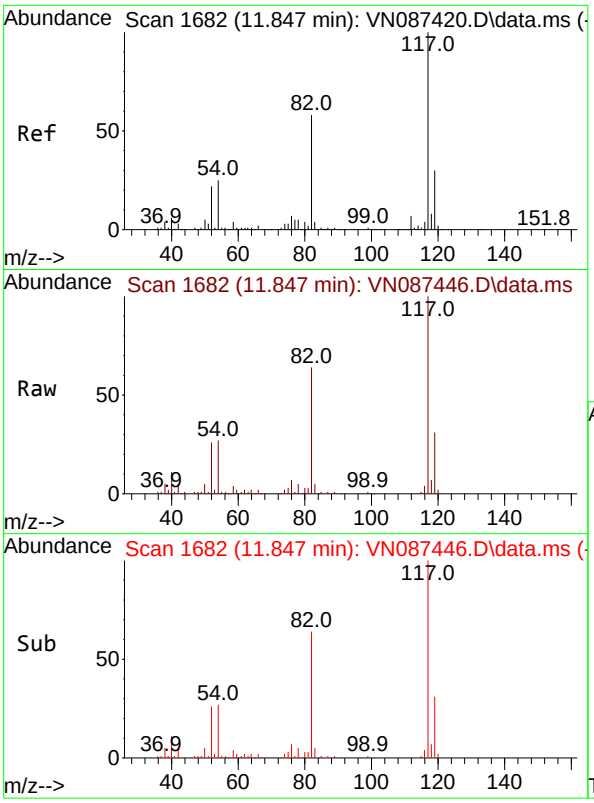


#30
2-Butanone
Concen: 7.168 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion: 43 Resp: 18039

Ion	Ratio	Lower	Upper
43	100		
57	3.6	6.0	9.0#
72	20.7	20.3	30.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

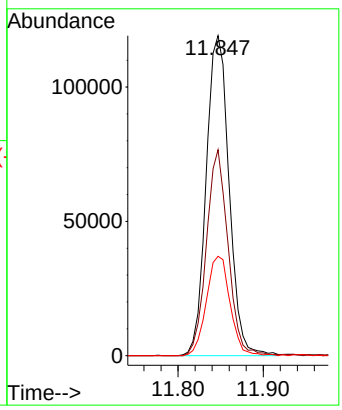
Tgt Ion:117 Resp: 22253

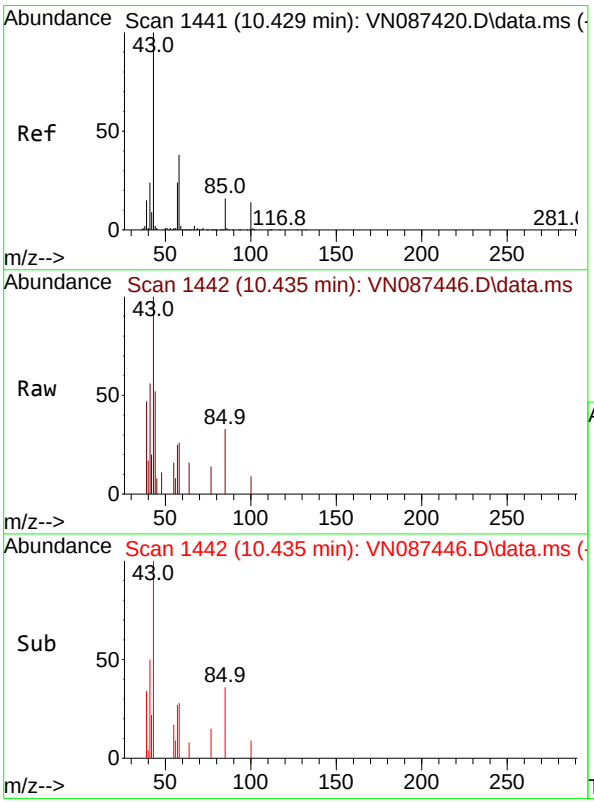
Ion	Ratio	Lower	Upper
117	100		
82	60.9	46.2	69.4
119	32.1	25.7	38.5

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

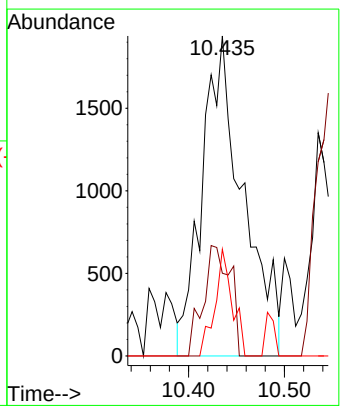


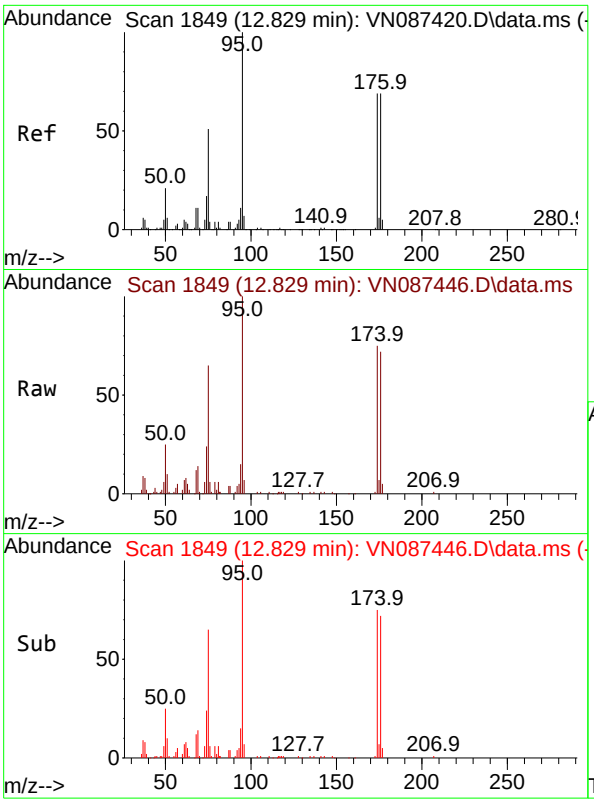


#58
4-Methyl-2-Pentanone
Concen: 1.149 ug/l m
RT: 10.435 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion: 43 Resp: 5761

Ion	Ratio	Lower	Upper
43	100		
58	16.2	29.9	44.9#
85	0.0	12.8	19.2#





#60
4-Bromofluorobenzene
Concen: 27.614 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

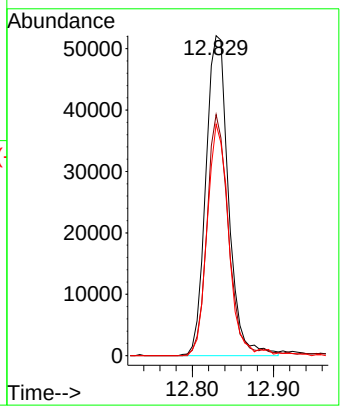
Tgt Ion: 95 Resp: 10091

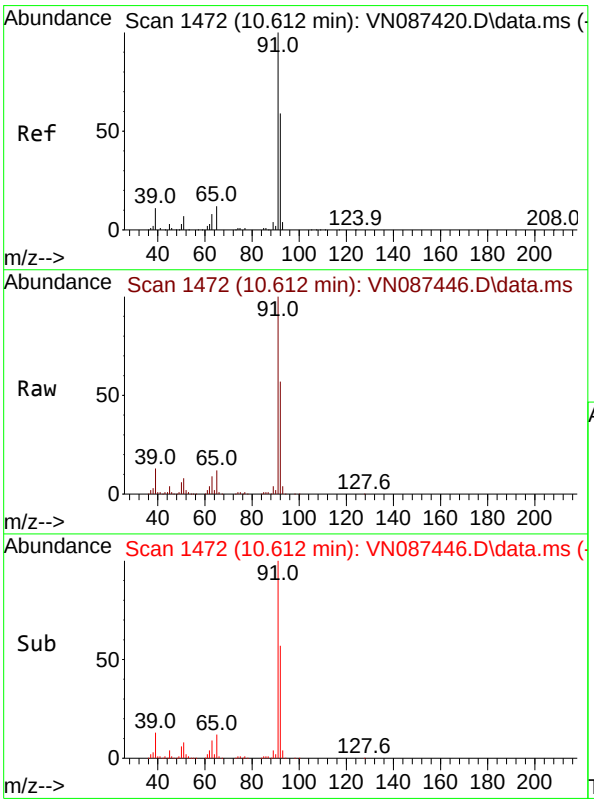
Ion	Ratio	Lower	Upper
95	100		
174	70.6	57.8	86.8
176	67.8	54.9	82.3

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

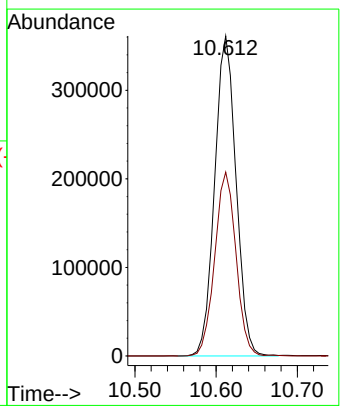


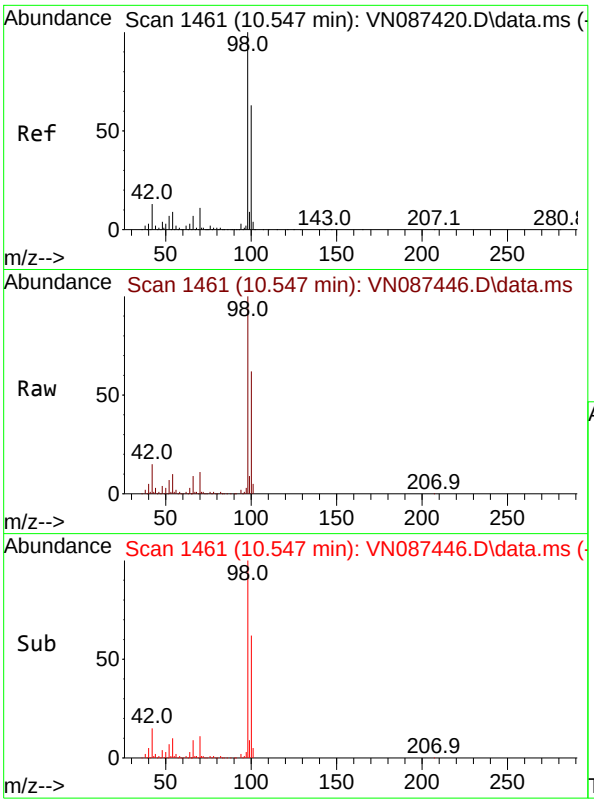


#62
Toluene
Concen: 52.641 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion: 91 Resp: 661108

Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.6	68.4





#63
Toluene-d8
Concen: 30.481 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

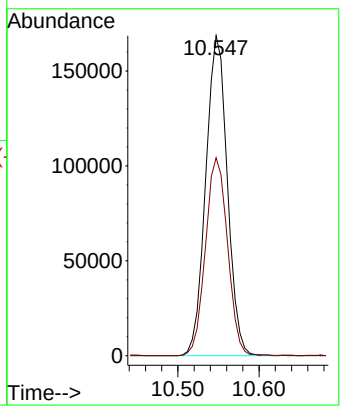
Tgt Ion: 98 Resp: 31150

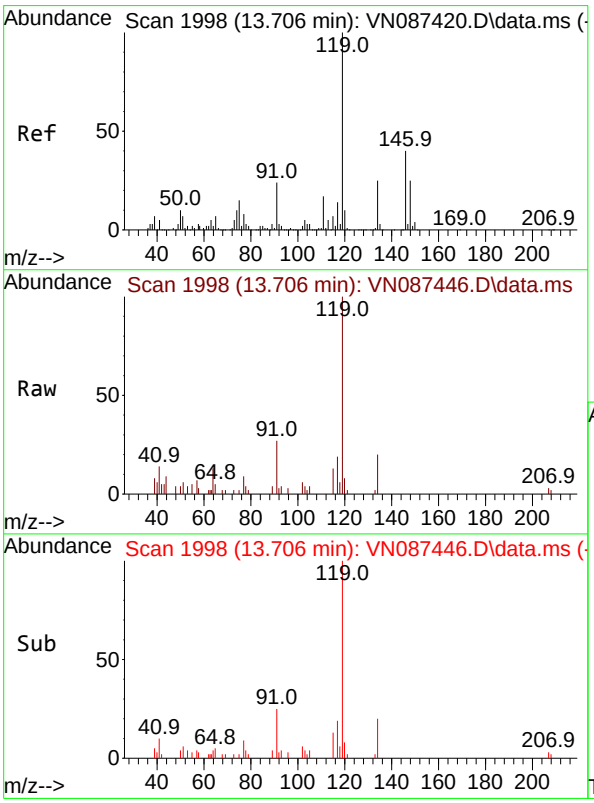
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.7	76.1

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

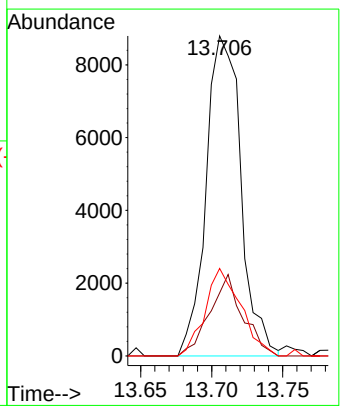




#82
p-Isopropyltoluene
Concen: 1.344 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087446.D
Acq: 30 Jul 2025 15:34

Tgt Ion:119 Resp: 14983

Ion	Ratio	Lower	Upper
119	100		
134	24.1	0.0	50.8
91	28.1	0.0	47.6



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TULL01

Lab Code: ACE SDG No.: Q2730

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

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

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

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

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

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

Response Factor Report MSVOA_N_NEW

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

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

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

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

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

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

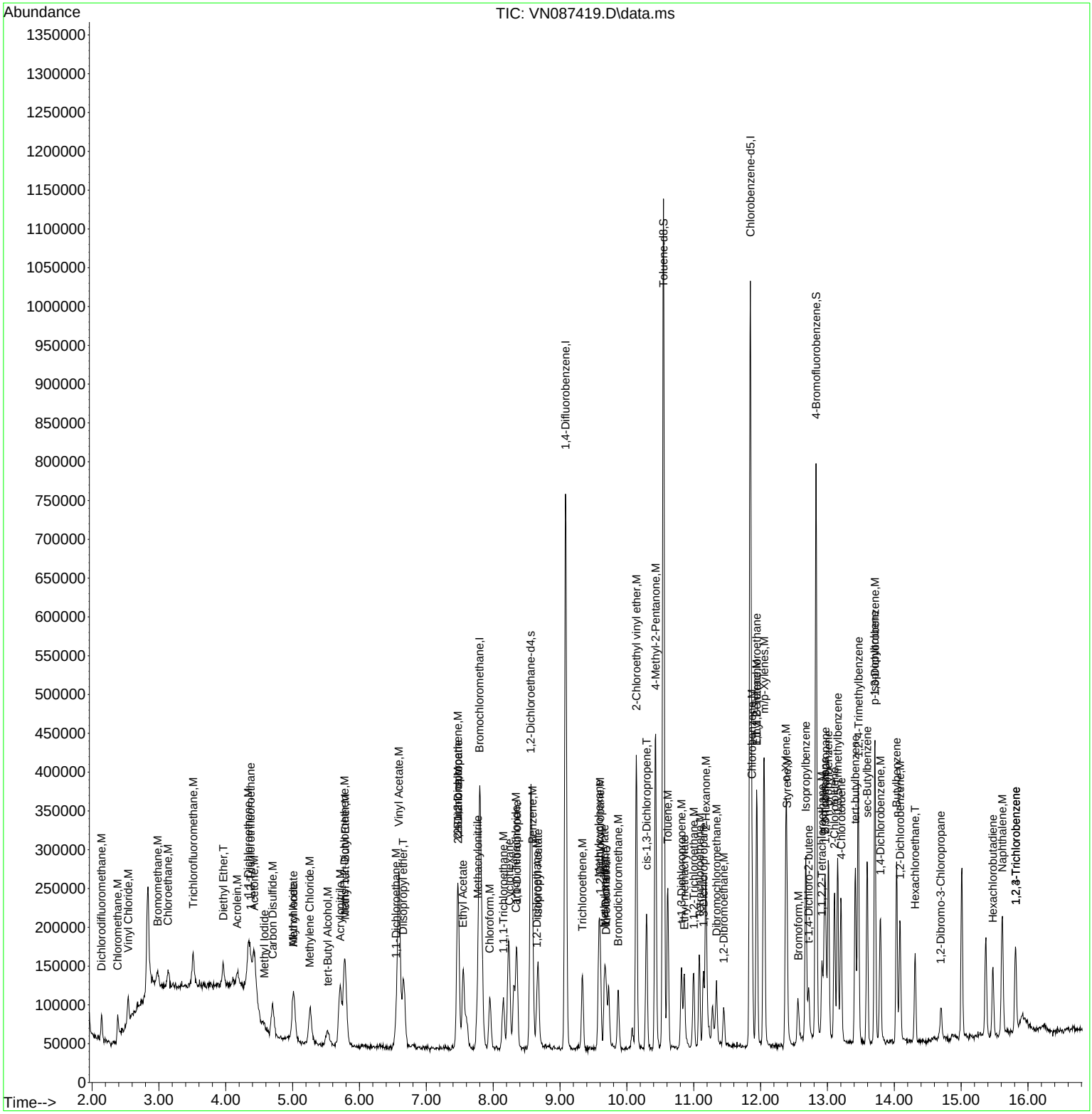
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087419.D
Acq On : 28 Jul 2025 09:06
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

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

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

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

ICAL Form

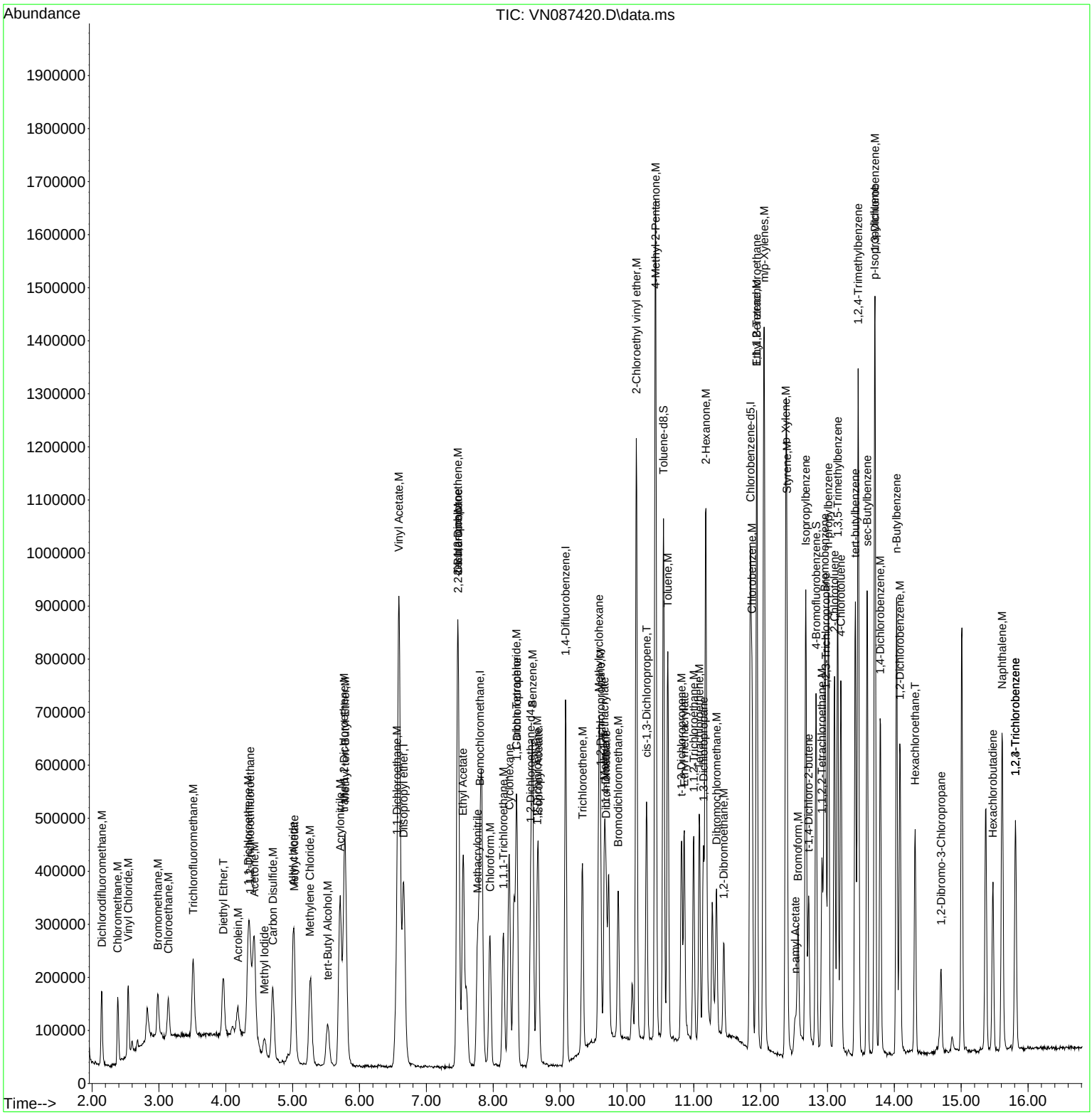
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087420.D
Acq On : 28 Jul 2025 10:06
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

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

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

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

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

ICAL Form

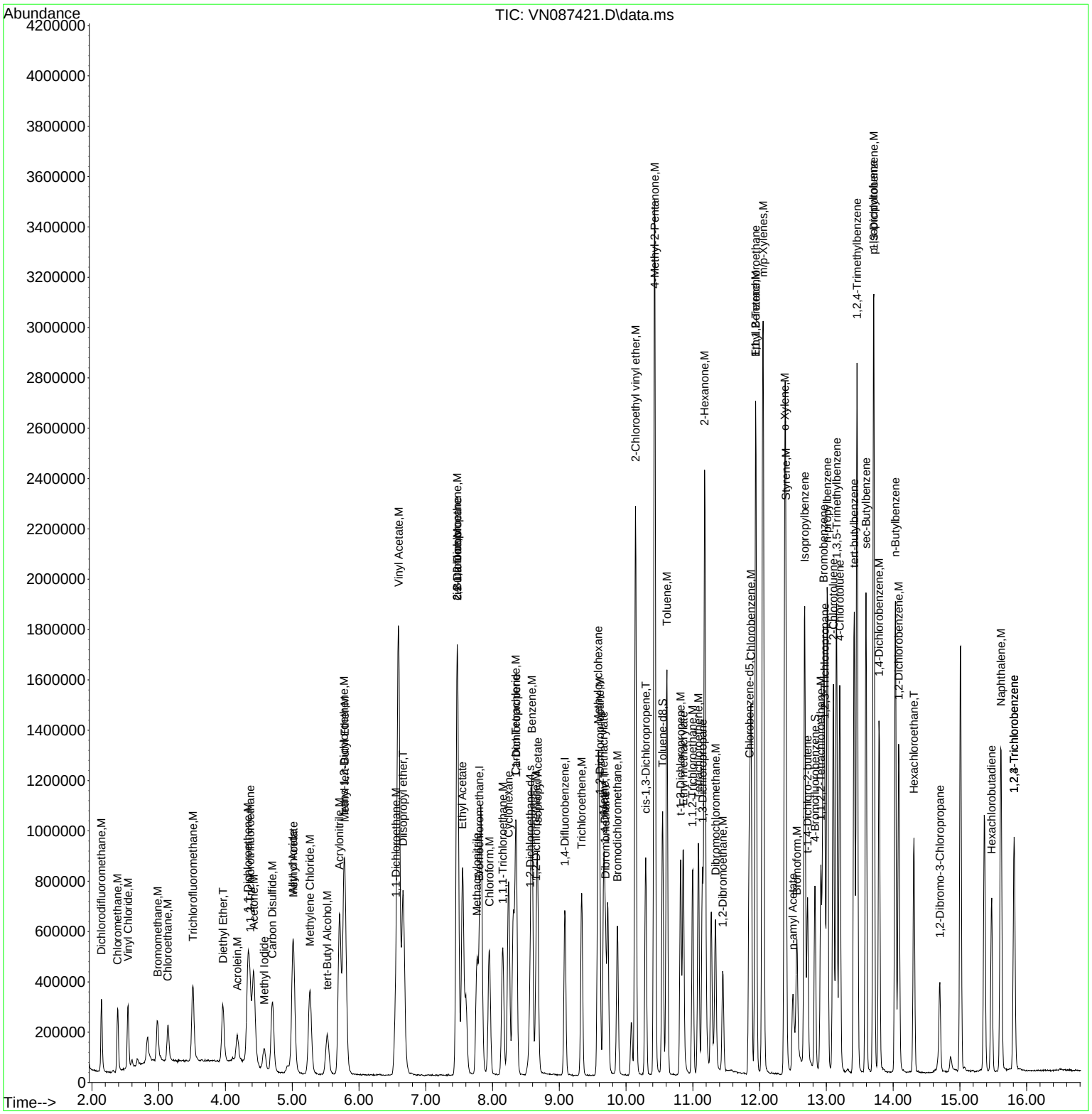
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087421.D
Acq On : 28 Jul 2025 10:27
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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

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

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

ICAL Form

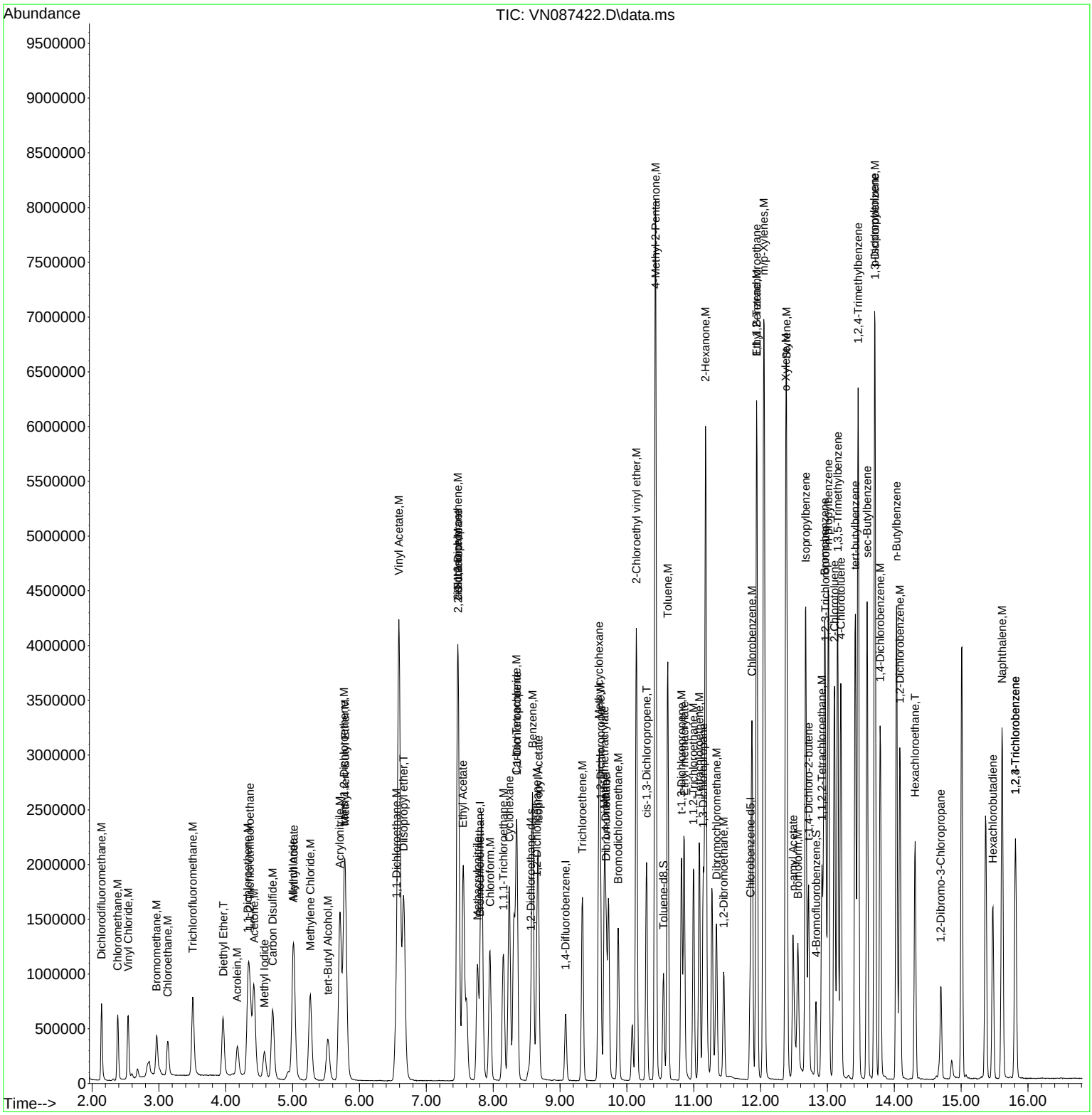
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087422.D
Acq On : 28 Jul 2025 10:48
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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

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

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

ICAL Form

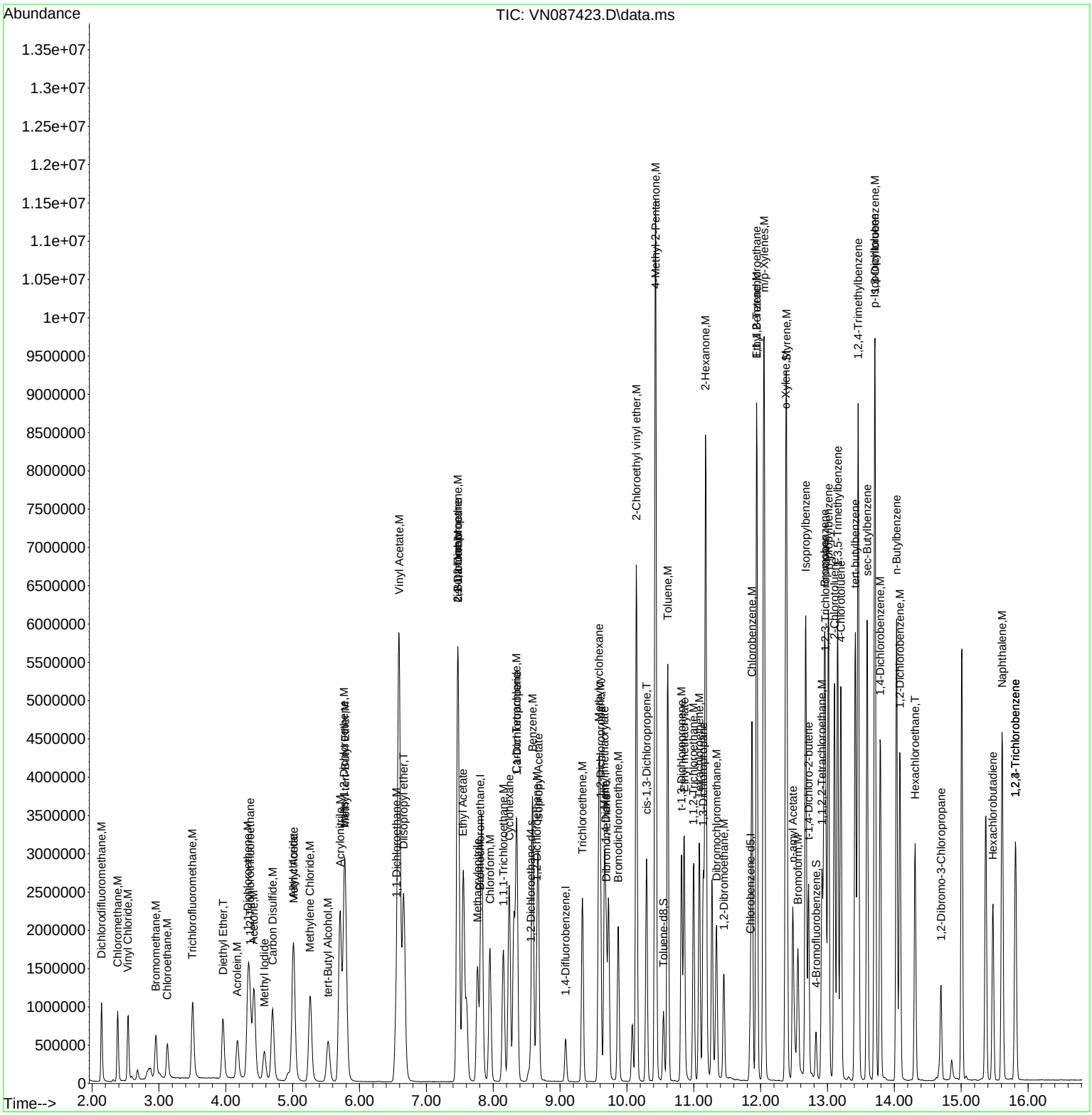
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087423.D
Acq On : 28 Jul 2025 11:09
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

Manual Integrations APPROVED

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

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

Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

Manual Integrations APPROVED

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

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

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

ICAL Form

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

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

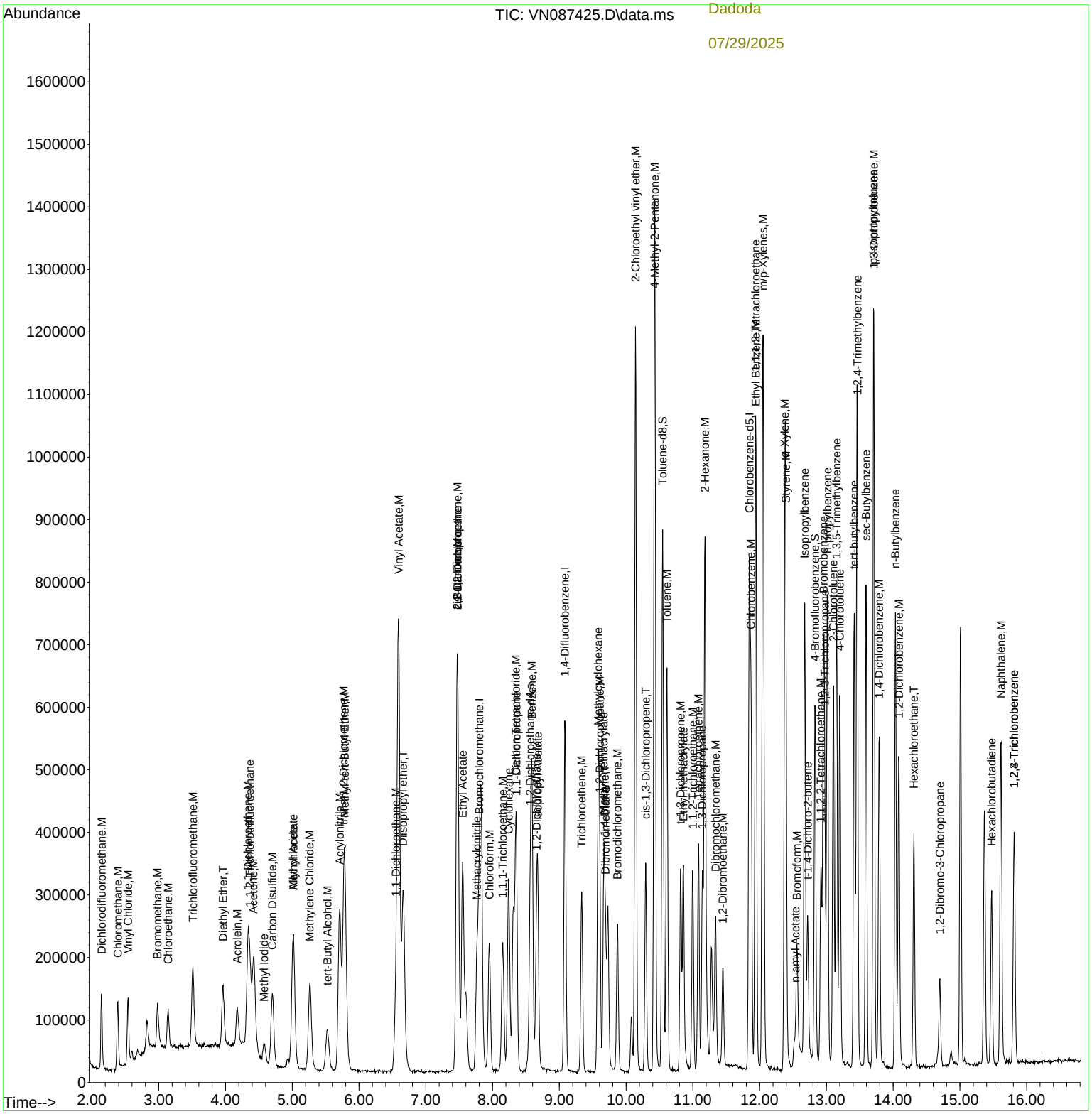
Manual Integrations APPROVED

Reviewed By :John Carlone

07/28/2025

Supervised By :Mahesh Dadoda

07/29/2025



Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

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

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

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

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

Evaluate Continuing Calibration Report

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

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

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

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

ICAL Form

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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072825

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

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

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

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TULL01
Lab Code:	ACE	SDG No.:	Q2730
Instrument ID:	MSVOA_N	Calibration Date/Time:	07/30/2025 09:19
Lab File ID:	VN087437.D	Init. Calib. Date(s):	07/28/2025 07/28/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:06 11:09

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Benzene	1.393	1.246	0.5	-10.55	
Toluene	1.693	1.493	0.4	-11.81	
Ethyl Benzene	1.850	1.642	0.1	-11.24	
m/p-Xylenes	0.693	0.610	0.3	-11.98	
o-Xylene	0.678	0.612	0.3	-9.73	
1,2-Dichloroethane-d4	2.294	2.443	0.01	6.49	
Toluene-d8	1.378	1.395	0.01	1.23	
4-Bromofluorobenzene	0.493	0.476	0.2	-3.45	

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\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone
07/31/2025
Supervised By :Mahesh Dadoda
07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.794	128	54900	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	310969	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	281690	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.559	65	134116	31.947	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.500%				
60) 4-Bromofluorobenzene	12.829	95	134007	28.970	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.567%				
63) Toluene-d8	10.547	98	393088	30.386	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	57513	17.955	ug/l		94
3) Chloromethane	2.383	50	61140	17.981	ug/l		99
4) Vinyl Chloride	2.542	62	58725	17.070	ug/l		98
5) Bromomethane	2.983	94	27694	16.508	ug/l		99
6) Chloroethane	3.136	64	37385	19.267	ug/l	#	86
7) Trichlorofluoromethane	3.512	101	83323	19.251	ug/l		98
8) Diethyl Ether	3.959	74	37088	20.531	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.359	101	44363m	18.789	ug/l		
10) 1,1-Dichloroethene	4.336	96	46630	19.854	ug/l		94
11) Methyl Iodide	4.571	142	27541	12.950	ug/l		95
12) Methyl Acetate	5.018	43	101180	19.758	ug/l	#	91
13) Acrolein	4.171	56	55618	133.171	ug/l		99
14) Acrylonitrile	5.712	53	210271	94.693	ug/l		100
15) Acetone	4.418	58	62014	120.495	ug/l		84
16) Carbon Disulfide	4.701	76	134310	16.091	ug/l	#	88
17) Allyl chloride	5.012	41	100267	18.322	ug/l		98
18) Methylene Chloride	5.259	84	61019	17.257	ug/l	#	86
19) trans-1,2-Dichloroethene	5.777	96	55600	16.664	ug/l		99
20) Diisopropyl ether	6.665	45	236639	19.006	ug/l		97
21) 1,1-Dichloroethane	6.553	63	116265	18.424	ug/l		97
22) cis-1,2-Dichloroethene	7.471	96	72382	17.849	ug/l		98
23) tert-Butyl Alcohol	5.524	59	83296	96.778	ug/l	#	100
24) Methyl tert-Butyl Ether	5.795	73	215277	18.475	ug/l		97
25) Chloroform	7.947	83	116916	18.351	ug/l		94
26) Cyclohexane	8.241	56	96822	16.613	ug/l		95
29) 1,1-Dichloropropene	8.359	75	76926	17.426	ug/l		98
30) 2-Butanone	7.477	43	313973	98.166	ug/l		98
31) 2,2-Dichloropropane	7.471	77	98196	17.851	ug/l	#	80
32) 1,1,1-Trichloroethane	8.147	97	92631	17.457	ug/l		99
33) Carbon Tetrachloride	8.347	117	76382	17.457	ug/l		97
34) Benzene	8.588	78	258308	17.890	ug/l		99
35) Methacrylonitrile	7.765	41	67621	18.456	ug/l		94
36) 1,2-Dichloroethane	8.653	62	89864	18.702	ug/l	#	93
37) Trichloroethene	9.335	130	56815	17.238	ug/l		98
38) Methylcyclohexane	9.583	83	89255	15.676	ug/l		97
39) 1,2-Dichloropropane	9.606	63	67864	18.669	ug/l		97
40) Dibromomethane	9.688	93	48719	18.893	ug/l		97
41) Bromodichloromethane	9.871	83	98350	18.951	ug/l		94
42) Vinyl Acetate	6.595	43	1010741	93.905	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone
07/31/2025
Supervised By :Mahesh Dadoda
07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.553	43	122876m	18.741	ug/l		
44) Isopropyl Acetate	8.677	43	206595	19.723	ug/l		95
45) 1,4-Dioxane	9.683	88	28436	427.865	ug/l	#	27
46) Methyl methacrylate	9.665	41	90926	18.643	ug/l		95
47) n-amyl Acetate	12.524	43	83136m	19.252	ug/l		
48) t-1,3-Dichloropropene	10.818	75	108905	18.640	ug/l		99
49) cis-1,3-Dichloropropene	10.294	75	112712	18.369	ug/l		98
50) 1,1,2-Trichloroethane	11.000	97	62202	18.122	ug/l		99
51) Ethyl methacrylate	10.859	69	115449	18.573	ug/l		90
52) 1,3-Dichloropropane	11.141	76	111645	18.820	ug/l		99
53) Dibromochloromethane	11.341	129	73570	18.687	ug/l		99
54) 1,2-Dibromoethane	11.447	107	66981	18.546	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	331080	129.542	ug/l		98
56) Bromoform	12.559	173	47252	17.103	ug/l		99
58) 4-Methyl-2-Pentanone	10.424	43	627206	98.851	ug/l		99
59) 2-Hexanone	11.182	43	419225	95.341	ug/l		98
61) Tetrachloroethene	11.082	164	45038	16.840	ug/l		94
62) Toluene	10.612	91	280326	17.633	ug/l		99
64) Chlorobenzene	11.871	112	170783	17.469	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.941	131	60589	18.276	ug/l		99
66) Ethyl Benzene	11.941	91	308416	17.757	ug/l		100
67) m/p-Xylenes	12.053	106	228921	35.175	ug/l		99
68) o-Xylene	12.376	106	114894	18.040	ug/l		99
69) Styrene	12.394	104	193630	17.775	ug/l		99
70) Isopropylbenzene	12.676	105	285966	17.484	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.918	83	102687	18.413	ug/l		98
72) 1,2,3-Trichloropropane	12.971	75	85820m	16.917	ug/l		
73) Bromobenzene	12.959	156	66654	17.540	ug/l		99
74) n-propylbenzene	13.018	91	353029	17.483	ug/l		99
75) 2-Chlorotoluene	13.106	91	210818	17.591	ug/l		100
76) 1,3,5-Trimethylbenzene	13.153	105	240427	17.744	ug/l		99
77) t-1,4-Dichloro-2-butene	12.718	75	33583	15.601	ug/l		98
78) 4-Chlorotoluene	13.200	91	222613	18.089	ug/l		99
79) tert-butylbenzene	13.418	119	207134	17.696	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	240997	17.925	ug/l		100
81) sec-Butylbenzene	13.594	105	304439	17.510	ug/l		98
82) p-Isopropyltoluene	13.712	119	250907	17.780	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	128128	17.817	ug/l		98
84) 1,4-Dichlorobenzene	13.794	146	131201	17.446	ug/l		97
85) n-Butylbenzene	14.035	91	244788	17.223	ug/l		98
86) Hexachloroethane	14.312	117	50807	17.727	ug/l		92
87) 1,2-Dichlorobenzene	14.088	146	128306	18.353	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	22283	17.311	ug/l		97
89) 1,2,4-Trichlorobenzene	15.812	180	71068	16.667	ug/l		99
90) Hexachlorobutadiene	15.476	225	25335	15.606	ug/l		95
91) Naphthalene	15.612	128	282785	17.547	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	71068	16.667	ug/l		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

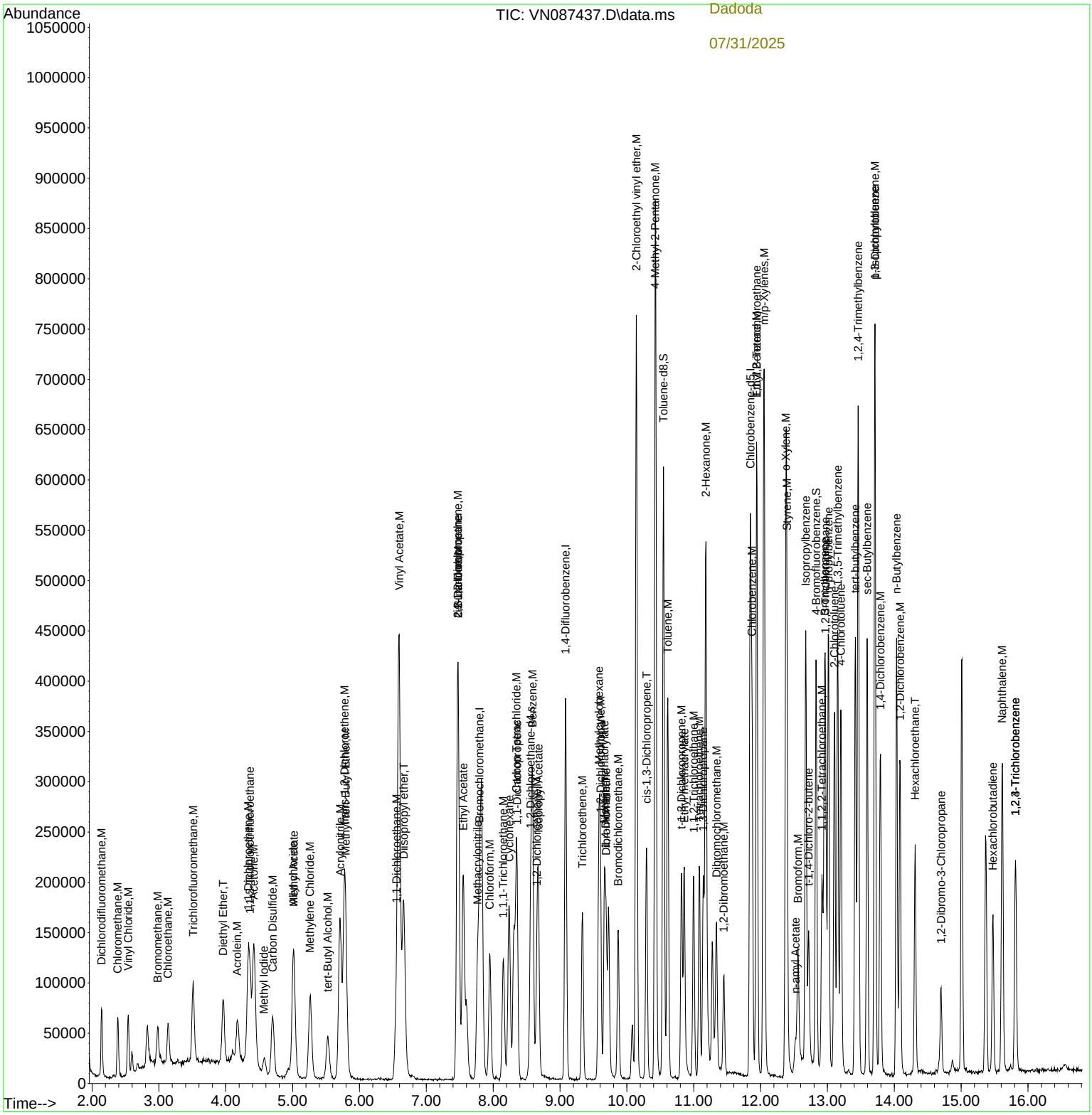
Manual Integrations APPROVED

Reviewed By :John Carlone

07/31/2025

Supervised By :Mahesh Dadoda

07/31/2025



Sample Results: **VN087437.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	52	0.00
2	M	Dichlorodifluoromethane	1.750	1.571	10.2	45#	0.00
3	M	Chloromethane	1.858	1.670	10.1	47#	0.00
4	M	Vinyl Chloride	1.880	1.605	14.6	45#	0.00
5	M	Bromomethane	0.917	0.757	17.4	44#	0.00
6	M	Chloroethane	1.060	1.021	3.7	50#	0.00
7	M	Trichlorofluoromethane	2.365	2.277	3.7	51	0.00
8	T	Diethyl Ether	0.987	1.013	-2.6	53	0.00
9		1,1,2-Trichlorotrifluoroeth	1.290	1.212	6.0	50#	0.00
10	M	1,1-Dichloroethene	1.283	1.274	0.7	51	0.00
11		Methyl Iodide	1.162	0.752	35.3#	44#	0.00
12		Methyl Acetate	2.798	2.764	1.2	52	0.00
13	M	Acrolein	0.228	0.304	-33.3#	88	-0.01
14	M	Acrylonitrile	1.213	1.149	5.3	49#	0.00
15	M	Acetone	0.281	0.339	-20.6	60	-0.01
16	M	Carbon Disulfide	4.561	3.670	19.5	43#	0.00
17		Allyl chloride	2.990	2.740	8.4	48#	0.00
18	M	Methylene Chloride	1.932	1.667	13.7	45#	0.00
19	M	trans-1,2-Dichloroethene	1.823	1.519	16.7	45#	0.00
20	T	Diisopropyl ether	6.804	6.466	5.0	49#	0.00
21	M	1,1-Dichloroethane	3.448	3.177	7.9	48#	0.00
22	M	cis-1,2-Dichloroethene	2.216	1.978	10.7	47#	0.00
23	M	tert-Butyl Alcohol	0.470	0.455	3.2	51	0.00
24	M	Methyl tert-Butyl Ether	6.367	5.882	7.6	49#	0.00
25	M	Chloroform	3.481	3.194	8.2	49#	0.00
26		Cyclohexane	3.185	2.645	17.0	44#	0.00
27	s	1,2-Dichloroethane-d4	2.294	2.443	-6.5	56	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.00
29		1,1-Dichloropropene	0.426	0.371	12.9	46#	0.00
30	M	2-Butanone	0.309	0.303	1.9	51	0.00
31		2,2-Dichloropropane	0.531	0.474	10.7	46#	0.00
32	M	1,1,1-Trichloroethane	0.512	0.447	12.7	46#	0.00
33	M	Carbon Tetrachloride	0.422	0.368	12.8	46#	0.00
34	M	Benzene	1.393	1.246	10.6	47#	0.00
35		Methacrylonitrile	0.353	0.326	7.6	49#	0.00
36	M	1,2-Dichloroethane	0.464	0.433	6.7	49#	0.00
37	M	Trichloroethene	0.318	0.274	13.8	46#	0.00
38		Methylcyclohexane	0.549	0.431	21.5	42#	0.00
39	M	1,2-Dichloropropane	0.351	0.327	6.8	50	0.00
40		Dibromomethane	0.249	0.235	5.6	52	0.00
41	M	Bromodichloromethane	0.501	0.474	5.4	52	0.00
42	M	Vinyl Acetate	1.038	0.975	6.1	50	0.00
43		Ethyl Acetate	0.633	0.593	6.3	46#	0.00
44		Isopropyl Acetate	1.011	0.997	1.4	52	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	53	0.00
46		Methyl methacrylate	0.471	0.439	6.8	52	0.00
47		n-amyl Acetate	0.417	0.401	3.8	85	0.00
48	M	t-1,3-Dichloropropene	0.564	0.525	6.9	52	0.00

Sample Results: **VN087437.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.592	0.544	8.1	51	0.00
50	M	1,1,2-Trichloroethane	0.331	0.300	9.4	50	0.00
51		Ethyl methacrylate	0.600	0.557	7.2	52	0.00
52		1,3-Dichloropropane	0.572	0.539	5.8	53	0.00
53	M	Dibromochloromethane	0.380	0.355	6.6	53	0.00
54	M	1,2-Dibromoethane	0.348	0.323	7.2	52	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.319	-29.1#	66	0.00
56	M	Bromoform	0.267	0.228	14.6	48#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
58	M	4-Methyl-2-Pentanone	0.676	0.668	1.2	55	0.00
59	M	2-Hexanone	0.468	0.446	4.7	54	0.00
60	S	4-Bromofluorobenzene	0.493	0.476	3.4	55	0.00
61	M	Tetrachloroethene	0.285	0.240	15.8	49#	0.00
62	M	Toluene	1.693	1.493	11.8	51	0.00
63	S	Toluene-d8	1.378	1.395	-1.2	58	0.00
64	M	Chlorobenzene	1.041	0.909	12.7	50	0.00
65		1,1,1,2-Tetrachloroethane	0.353	0.323	8.5	51	0.00
66	M	Ethyl Benzene	1.850	1.642	11.2	50#	0.00
67	M	m/p-Xylenes	0.693	0.610	12.0	50#	0.00
68	M	o-Xylene	0.678	0.612	9.7	50#	0.00
69	M	Styrene	1.160	1.031	11.1	50#	0.00
70		Isopropylbenzene	1.742	1.523	12.6	49#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.594	0.547	7.9	52	0.00
72		1,2,3-Trichloropropane	0.540	0.457	15.4	44#	0.00
73		Bromobenzene	0.405	0.355	12.3	51	0.00
74		n-propylbenzene	2.151	1.880	12.6	49#	0.00
75		2-Chlorotoluene	1.276	1.123	12.0	50#	0.00
76		1,3,5-Trimethylbenzene	1.443	1.280	11.3	50#	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.179	21.8	46#	0.00
78		4-Chlorotoluene	1.311	1.185	9.6	50	0.00
79		tert-butylbenzene	1.247	1.103	11.5	49#	0.00
80		1,2,4-Trimethylbenzene	1.432	1.283	10.4	50#	0.00
81		sec-Butylbenzene	1.852	1.621	12.5	49#	0.00
82		p-Isopropyltoluene	1.503	1.336	11.1	49#	0.00
83	M	1,3-Dichlorobenzene	0.766	0.682	11.0	49#	0.00
84	M	1,4-Dichlorobenzene	0.801	0.699	12.7	48#	0.00
85		n-Butylbenzene	1.514	1.303	13.9	49#	0.00
86	T	Hexachloroethane	0.305	0.271	11.1	50#	0.00
87	M	1,2-Dichlorobenzene	0.745	0.683	8.3	52	0.00
88		1,2-Dibromo-3-Chloropropane	0.137	0.119	13.1	50	0.00
89		1,2,4-Trichlorobenzene	0.454	0.378	16.7	48#	0.00
90		Hexachlorobutadiene	0.173	0.135	22.0	45#	0.00
91	M	Naphthalene	1.716	1.506	12.2	50	0.00
92		1,2,3-Trichlorobenzene	0.454	0.378	16.7	48#	0.00

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

Sample Results: **VN087437.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	52	0.00
2	M	Dichlorodifluoromethane	20.000	17.955	10.2	45	0.00
3	M	Chloromethane	20.000	17.981	10.1	47	0.00
4	M	Vinyl Chloride	20.000	17.070	14.6	45	0.00
5	M	Bromomethane	20.000	16.508	17.5	44	0.00
6	M	Chloroethane	20.000	19.267	3.7	50	0.00
7	M	Trichlorofluoromethane	20.000	19.251	3.7	51	0.00
8	T	Diethyl Ether	20.000	20.531	-2.7	53	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.789	6.1	50	0.00
10	M	1,1-Dichloroethene	20.000	19.854	0.7	51	0.00
11		Methyl Iodide	20.000	12.950	35.3#	44	0.00
12		Methyl Acetate	20.000	19.758	1.2	52	0.00
13	M	Acrolein	100.000	133.171	-33.2#	88	-0.01
14	M	Acrylonitrile	100.000	94.693	5.3	49	0.00
15	M	Acetone	100.000	120.495	-20.5	60	-0.01
16	M	Carbon Disulfide	20.000	16.091	19.5	43	0.00
17		Allyl chloride	20.000	18.322	8.4	48	0.00
18	M	Methylene Chloride	20.000	17.257	13.7	45	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.664	16.7	45	0.00
20	T	Diisopropyl ether	20.000	19.006	5.0	49	0.00
21	M	1,1-Dichloroethane	20.000	18.424	7.9	48	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.849	10.8	47	0.00
23	M	tert-Butyl Alcohol	100.000	96.778	3.2	51	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.475	7.6	49	0.00
25	M	Chloroform	20.000	18.351	8.2	49	0.00
26		Cyclohexane	20.000	16.613	16.9	44	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.947	-6.5	56	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	53	0.00
29		1,1-Dichloropropene	20.000	17.426	12.9	46	0.00
30	M	2-Butanone	100.000	98.166	1.8	51	0.00
31		2,2-Dichloropropane	20.000	17.851	10.7	46	0.00
32	M	1,1,1-Trichloroethane	20.000	17.457	12.7	46	0.00
33	M	Carbon Tetrachloride	20.000	17.457	12.7	46	0.00
34	M	Benzene	20.000	17.890	10.5	47	0.00
35		Methacrylonitrile	20.000	18.456	7.7	49	0.00
36	M	1,2-Dichloroethane	20.000	18.702	6.5	49	0.00
37	M	Trichloroethene	20.000	17.238	13.8	46	0.00
38		Methylcyclohexane	20.000	15.676	21.6	42	0.00
39	M	1,2-Dichloropropane	20.000	18.669	6.7	50	0.00
40		Dibromomethane	20.000	18.893	5.5	52	0.00
41	M	Bromodichloromethane	20.000	18.951	5.2	52	0.00
42	M	Vinyl Acetate	100.000	93.905	6.1	50	0.00
43		Ethyl Acetate	20.000	18.741	6.3	46	0.00
44		Isopropyl Acetate	20.000	19.723	1.4	52	0.00
45	T	1,4-Dioxane	400.000	427.865	-7.0	53	0.00
46		Methyl methacrylate	20.000	18.643	6.8	52	0.00
47		n-amyl Acetate	20.000	19.252	3.7	85	0.00
48	M	t-1,3-Dichloropropene	20.000	18.640	6.8	52	0.00

Sample Results: **VN087437.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	18.369	8.2	51	0.00
50	M	1,1,2-Trichloroethane	20.000	18.122	9.4	50	0.00
51		Ethyl methacrylate	20.000	18.573	7.1	52	0.00
52		1,3-Dichloropropane	20.000	18.820	5.9	53	0.00
53	M	Dibromochloromethane	20.000	18.687	6.6	53	0.00
54	M	1,2-Dibromoethane	20.000	18.546	7.3	52	0.00
55	M	2-Chloroethyl vinyl ether	100.000	129.542	-29.5#	66	0.00
56	M	Bromoform	20.000	17.103	14.5	48	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	57	0.00
58	M	4-Methyl-2-Pentanone	100.000	98.851	1.1	55	0.00
59	M	2-Hexanone	100.000	95.341	4.7	54	0.00
60	S	4-Bromofluorobenzene	30.000	28.970	3.4	55	0.00
61	M	Tetrachloroethene	20.000	16.840	15.8	49	0.00
62	M	Toluene	20.000	17.633	11.8	51	0.00
63	S	Toluene-d8	30.000	30.386	-1.3	58	0.00
64	M	Chlorobenzene	20.000	17.469	12.7	50	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.276	8.6	51	0.00
66	M	Ethyl Benzene	20.000	17.757	11.2	50	0.00
67	M	m/p-Xylenes	40.000	35.175	12.1	50	0.00
68	M	o-Xylene	20.000	18.040	9.8	50	0.00
69	M	Styrene	20.000	17.775	11.1	50	0.00
70		Isopropylbenzene	20.000	17.484	12.6	49	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.413	7.9	52	0.00
72		1,2,3-Trichloropropane	20.000	16.917	15.4	44	0.00
73		Bromobenzene	20.000	17.540	12.3	51	0.00
74		n-propylbenzene	20.000	17.483	12.6	49	0.00
75		2-Chlorotoluene	20.000	17.591	12.0	50	0.00
76		1,3,5-Trimethylbenzene	20.000	17.744	11.3	50	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.601	22.0	46	0.00
78		4-Chlorotoluene	20.000	18.089	9.6	50	0.00
79		tert-butylbenzene	20.000	17.696	11.5	49	0.00
80		1,2,4-Trimethylbenzene	20.000	17.925	10.4	50	0.00
81		sec-Butylbenzene	20.000	17.510	12.4	49	0.00
82		p-Isopropyltoluene	20.000	17.780	11.1	49	0.00
83	M	1,3-Dichlorobenzene	20.000	17.817	10.9	49	0.00
84	M	1,4-Dichlorobenzene	20.000	17.446	12.8	48	0.00
85		n-Butylbenzene	20.000	17.223	13.9	49	0.00
86	T	Hexachloroethane	20.000	17.727	11.4	50	0.00
87	M	1,2-Dichlorobenzene	20.000	18.353	8.2	52	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.311	13.4	50	0.00
89		1,2,4-Trichlorobenzene	20.000	16.667	16.7	48	0.00
90		Hexachlorobutadiene	20.000	15.606	22.0	45	0.00
91	M	Naphthalene	20.000	17.547	12.3	50	0.00
92		1,2,3-Trichlorobenzene	20.000	16.667	16.7	48	0.00

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

QC SAMPLE DATA

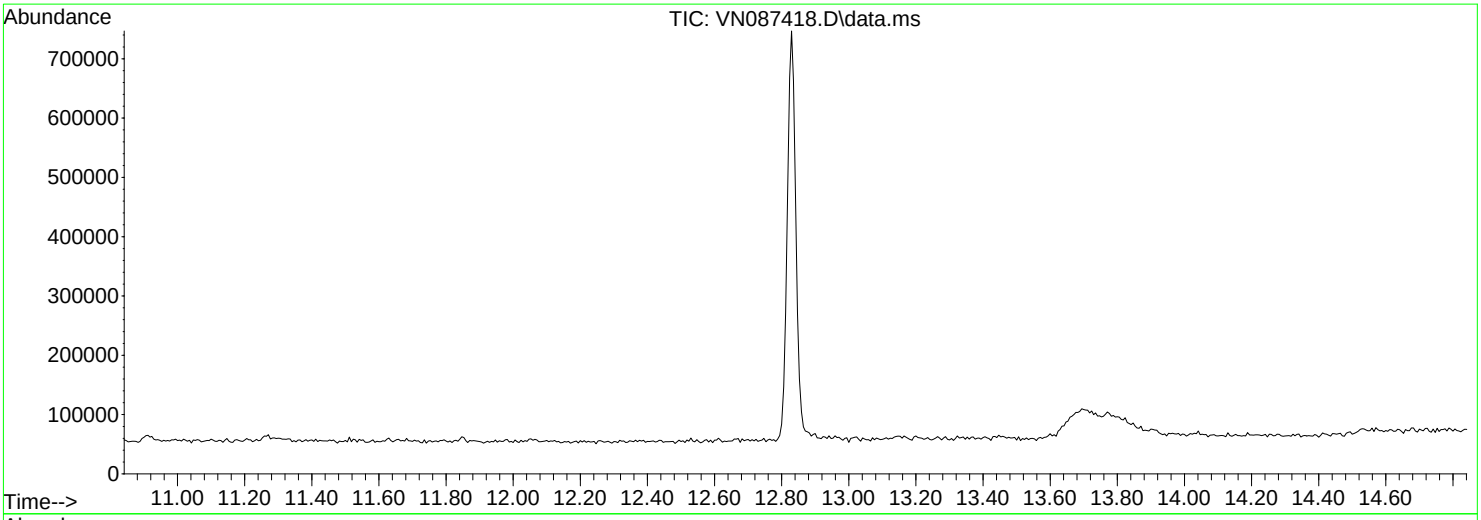
Sample Results: **VN087418.D**

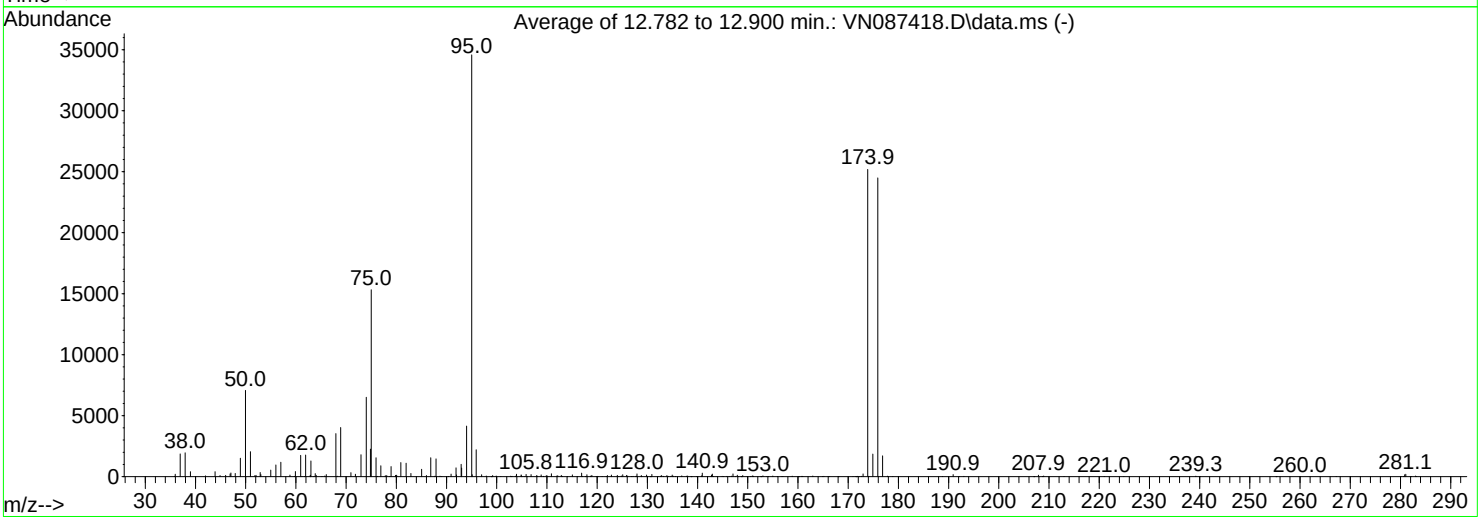
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087418.D
Acq On : 28 Jul 2025 08:31
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

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





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

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

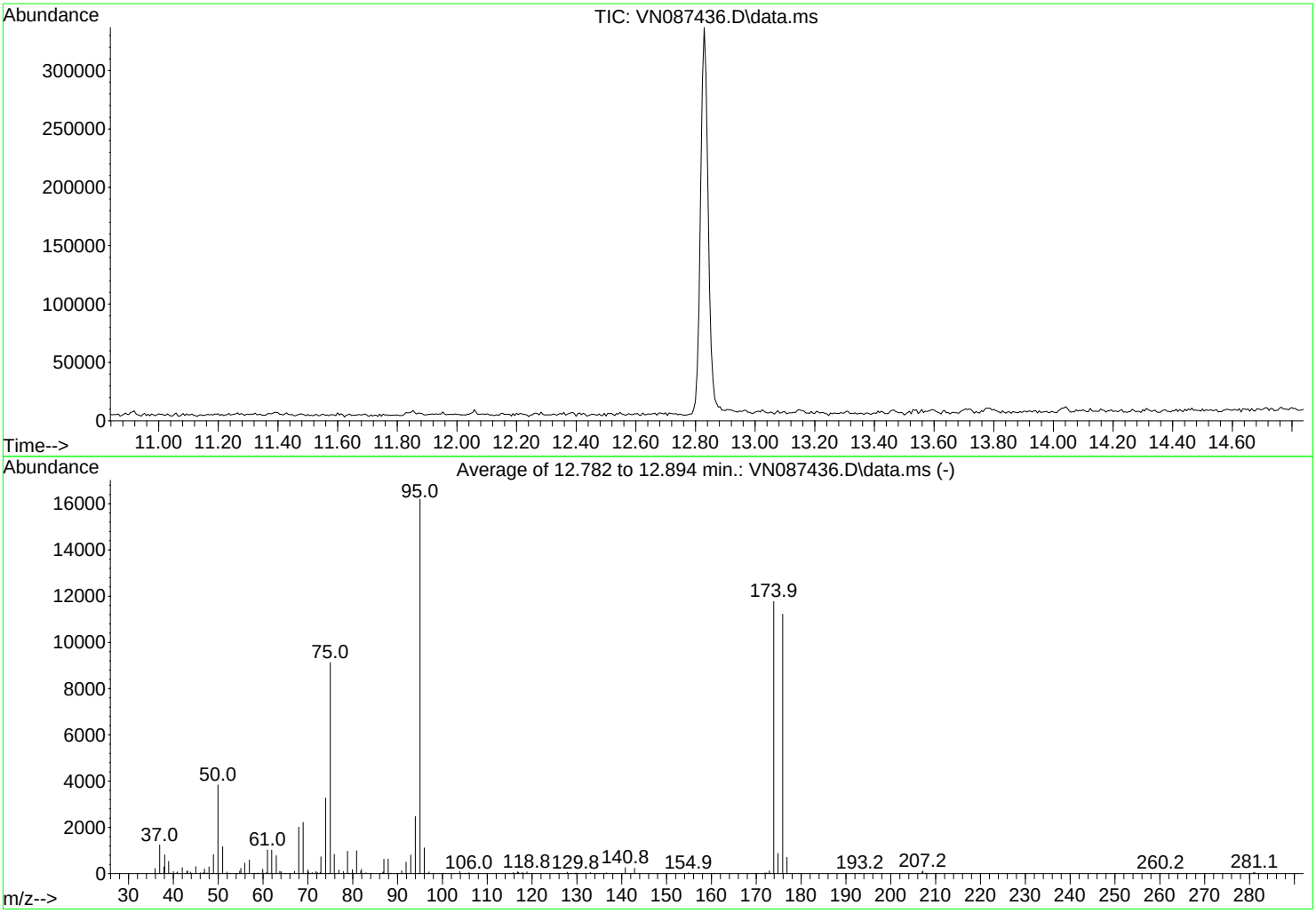
Sample Results: **VN087436.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087436.D
Acq On : 30 Jul 2025 08:46
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

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



AutoFind: Averaged scan 1841 to 1860; Bkg corrected with scan 1840

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.7	3835	PASS
75	95	30	60	56.3	9127	PASS
95	95	100	100	100.0	16202	PASS
96	95	5	9	6.9	1110	PASS
173	174	0.00	2	1.0	115	PASS
174	95	50	100	72.6	11769	PASS
175	174	5	9	7.4	871	PASS
176	174	95	101	95.3	11221	PASS
177	176	5	9	6.2	701	PASS

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

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	
Project:	Transfer Station-SPDES	Date Received:	
Client Sample ID:	VN0730WBL01	SDG No.:	Q2730
Lab Sample ID:	VN0730WBL01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-BTEX
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087440.D	1	07/30/25 11:20	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.45	U	0.45	5.00	ug/L
108-88-3	Toluene	0.46	U	0.46	5.00	ug/L
100-41-4	Ethyl Benzene	0.56	U	0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.0	ug/L
95-47-6	o-Xylene	0.67	U	0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.4		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	30.4		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.3		63 - 112	91%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	50500	7.8			
540-36-3	1,4-Difluorobenzene	272000	9.082			
3114-55-4	Chlorobenzene-d5	244000	11.847			

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

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

Sample Results: **VN087440.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087440.D
Acq On : 30 Jul 2025 11:20
Operator : JC\MD
Sample : VN0730WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Quant Time: Jul 31 01:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

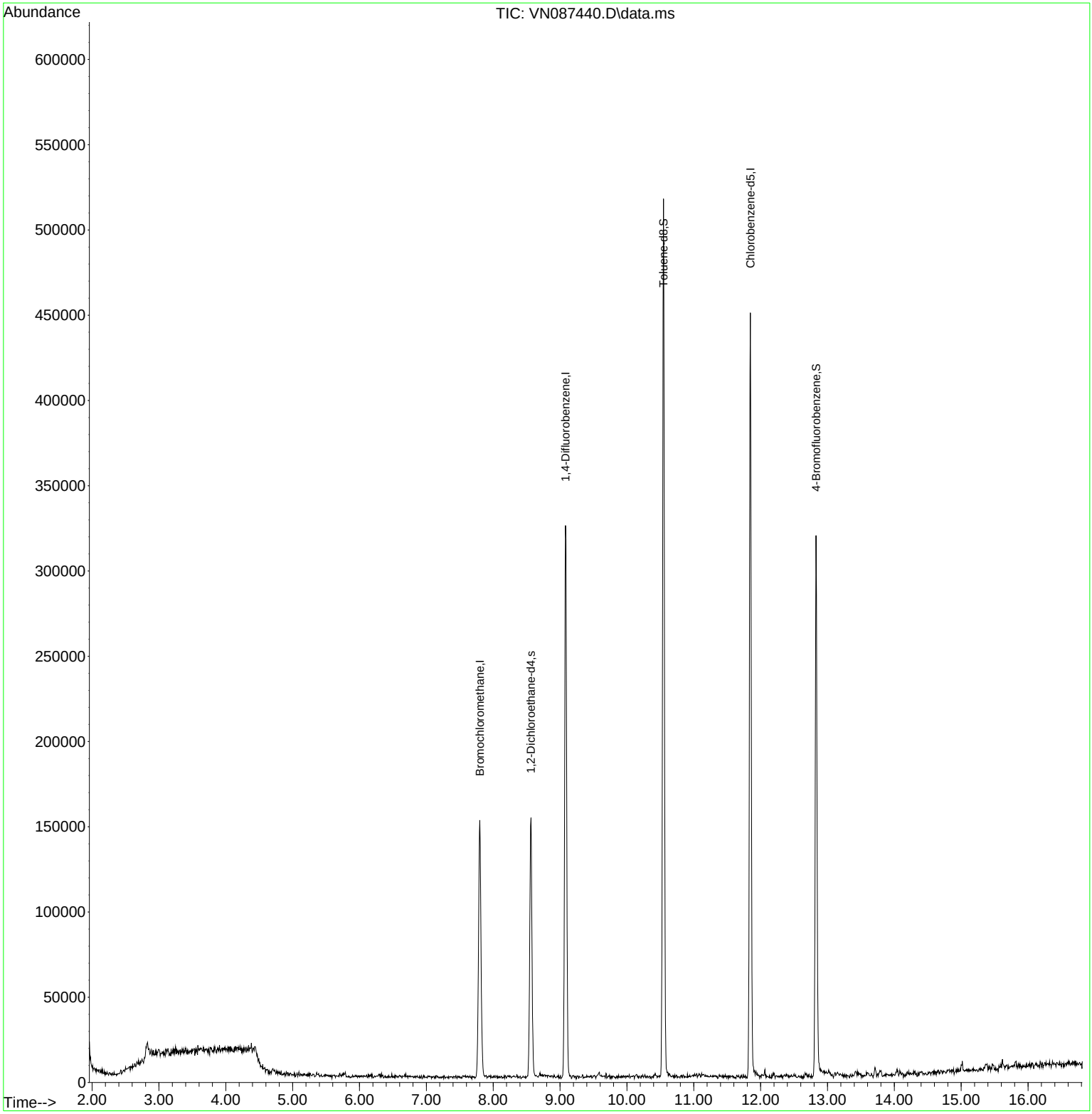
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	50464	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	272258	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	243647	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	117368	30.415	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.367%			
60) 4-Bromofluorobenzene	12.829	95	109256	27.307	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.033%			
63) Toluene-d8	10.547	98	340527	30.433	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.433%			
Target Compounds						Qvalue

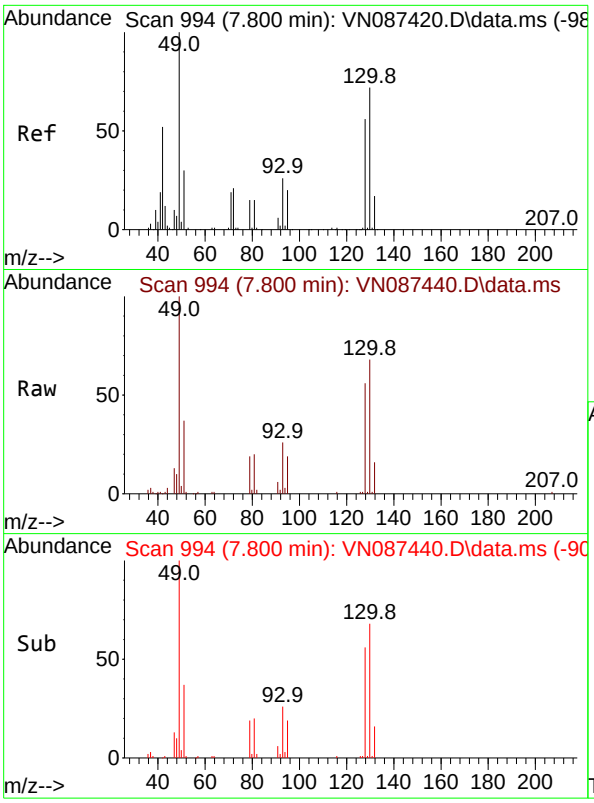
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087440.D
Acq On : 30 Jul 2025 11:20
Operator : JC\MD
Sample : VN0730WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Quant Time: Jul 31 01:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration



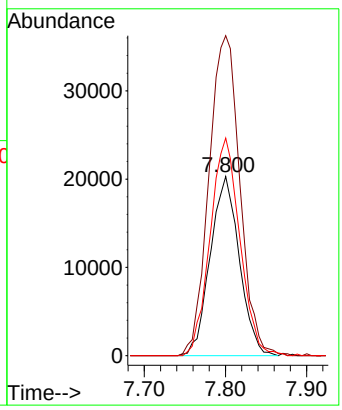


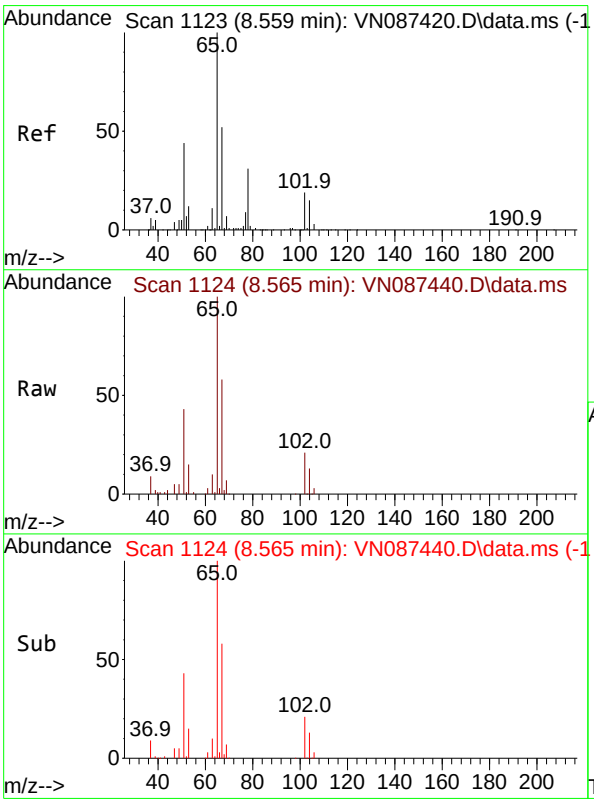
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087440.D
Acq: 30 Jul 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Tgt Ion:128 Resp: 50464

Ion	Ratio	Lower	Upper
128	100		
49	190.3	0.0	457.3
130	124.3	0.0	316.0

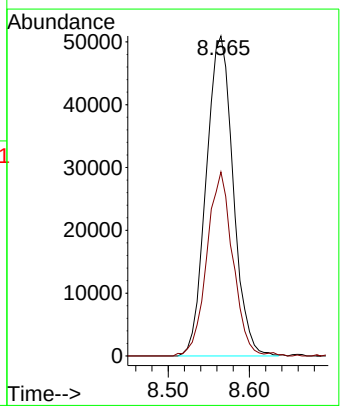


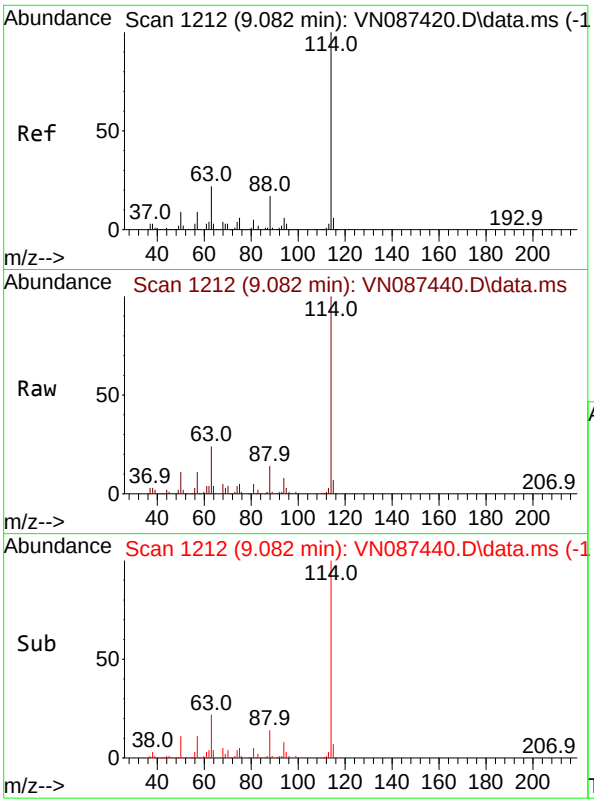


#27
1,2-Dichloroethane-d4
Concen: 30.415 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087440.D
Acq: 30 Jul 2025 11:20

Tgt Ion: 65 Resp: 117368

Ion	Ratio	Lower	Upper
65	100		
67	55.4	42.3	63.5



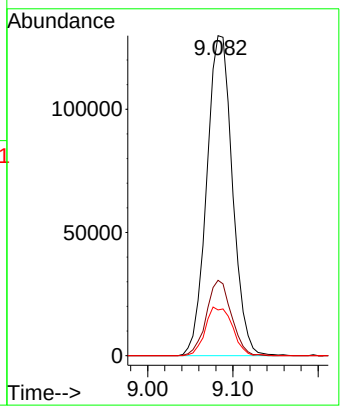


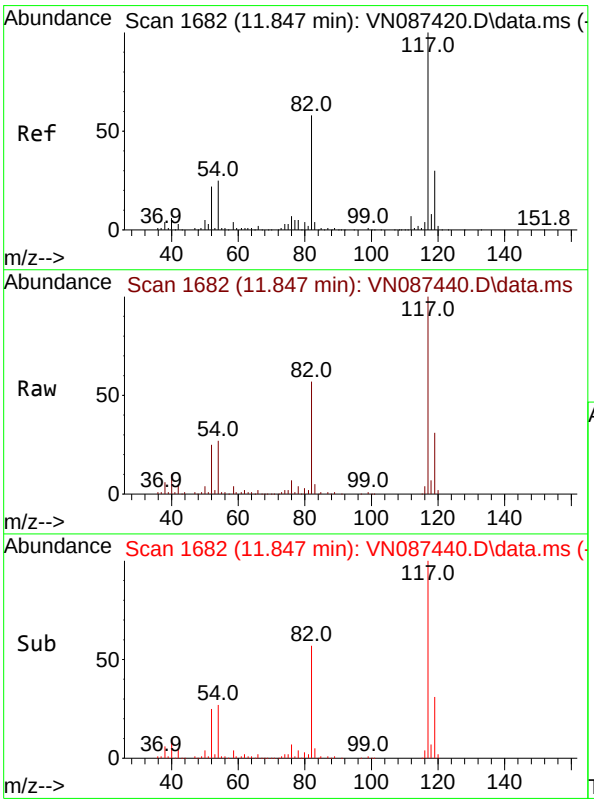
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087440.D
Acq: 30 Jul 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Tgt Ion:114 Resp: 272258

Ion	Ratio	Lower	Upper
114	100		
63	22.8	17.8	26.6
88	15.8	13.0	19.4

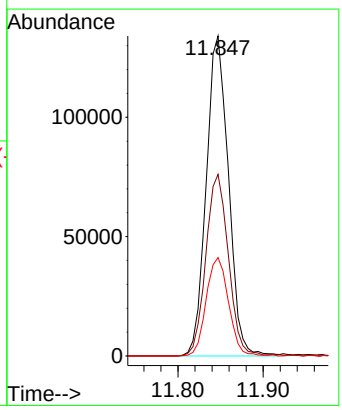


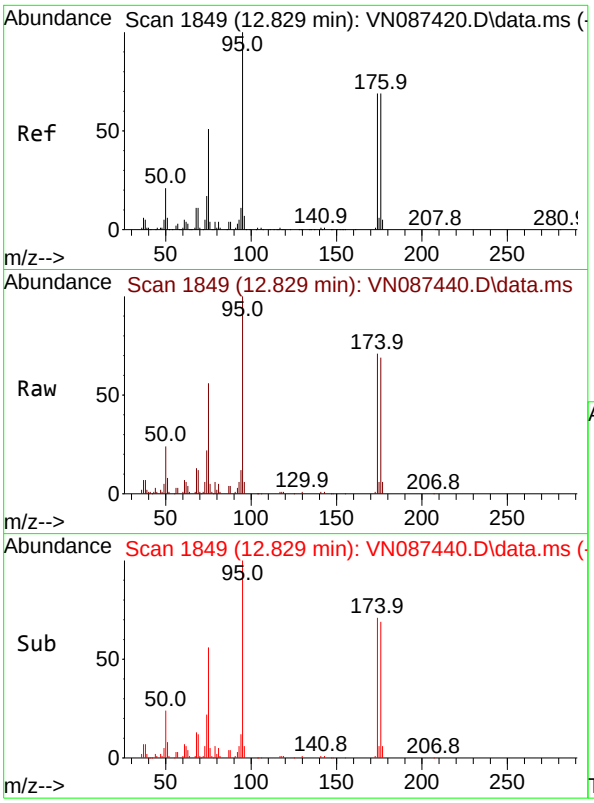


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087440.D
Acq: 30 Jul 2025 11:20

Tgt Ion:117 Resp: 243647

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.2	69.4
119	30.8	25.7	38.5



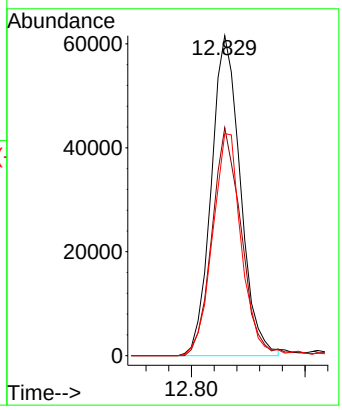


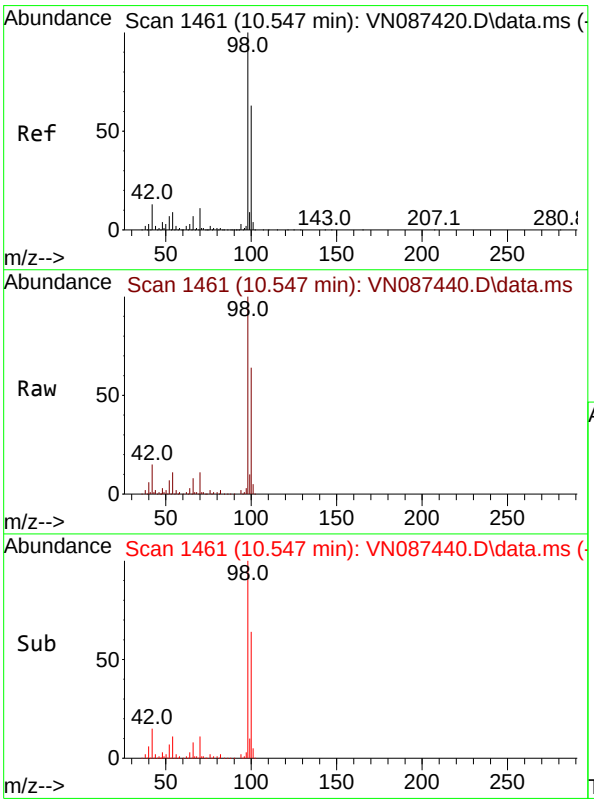
#60
4-Bromofluorobenzene
Concen: 27.307 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087440.D
Acq: 30 Jul 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Tgt Ion: 95 Resp: 109256

Ion	Ratio	Lower	Upper
95	100		
174	71.5	57.8	86.8
176	69.2	54.9	82.3

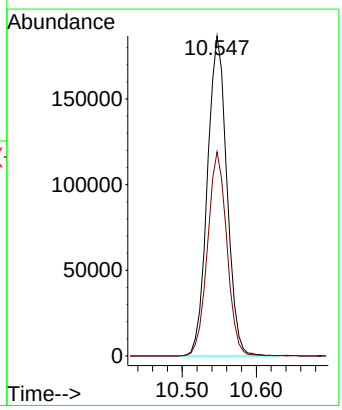




#63
Toluene-d8
Concen: 30.433 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087440.D
Acq: 30 Jul 2025 11:20

Tgt Ion: 98 Resp: 340527

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



Raw Data: **VN087438.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:	VN0730WBS01		SDG No.:	Q2730	
Lab Sample ID:	VN0730WBS01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units: mL		Final Vol:	5000	uL
Soil Aliquot Vol:	uL		Test:	VOC-BTEX	
GC Column:	RXI-624 ID : 0.25		Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087438.D	1	07/30/25 09:57	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.5		0.45	5.00	ug/L
108-88-3	Toluene	19.1		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	37.5		1.30	10.0	ug/L
95-47-6	o-Xylene	19.3		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.1		91 - 110	104%	SPK: 30
2037-26-5	Toluene-d8	30.1		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.7		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	49100	7.8			
540-36-3	1,4-Difluorobenzene	271000	9.089			
3114-55-4	Chlorobenzene-d5	246000	11.847			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087438.D
Acq On : 30 Jul 2025 09:57
Operator : JC\MD
Sample : VN0730WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 01:12:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone
07/31/2025
Supervised By :Mahesh Dadoda
07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	49112	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.089	114	271089	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	246291	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	116642	31.059	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.533%			
60) 4-Bromofluorobenzene	12.829	95	116180	28.726	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.767%			
63) Toluene-d8	10.547	98	340245	30.082	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.267%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55856	19.493	ug/l	97
3) Chloromethane	2.383	50	59897	19.691	ug/l	100
4) Vinyl Chloride	2.542	62	58308	18.946	ug/l	99
5) Bromomethane	2.983	94	29324	19.539	ug/l	92
6) Chloroethane	3.142	64	36492	21.023	ug/l	97
7) Trichlorofluoromethane	3.512	101	79493	20.531	ug/l	91
8) Diethyl Ether	3.959	74	36526	22.603	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	43110m	20.411	ug/l	
10) 1,1-Dichloroethene	4.342	96	43877	20.883	ug/l	94
11) Methyl Iodide	4.577	142	28500	14.981	ug/l	91
12) Methyl Acetate	5.012	43	99268	21.669	ug/l	99
13) Acrolein	4.171	56	50220	134.418	ug/l	96
14) Acrylonitrile	5.706	53	200441	100.904	ug/l	99
15) Acetone	4.418	58	56201m	122.070	ug/l	
16) Carbon Disulfide	4.695	76	128474	17.206	ug/l	99
17) Allyl chloride	5.018	41	90664	18.520	ug/l	97
18) Methylene Chloride	5.259	84	59682	18.868	ug/l	92
19) trans-1,2-Dichloroethene	5.765	96	53359	17.877	ug/l	98
20) Diisopropyl ether	6.665	45	221177	19.858	ug/l	97
21) 1,1-Dichloroethane	6.559	63	110956	19.655	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	67924	18.723	ug/l	99
23) tert-Butyl Alcohol	5.530	59	80490	104.539	ug/l	100
24) Methyl tert-Butyl Ether	5.783	73	205911	19.754	ug/l	98
25) Chloroform	7.953	83	112293	19.703	ug/l	93
26) Cyclohexane	8.242	56	90697	17.396	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	71058	18.464	ug/l	97
30) 2-Butanone	7.471	43	297647	106.752	ug/l	99
31) 2,2-Dichloropropane	7.477	77	95585	19.933	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	85774	18.543	ug/l	98
33) Carbon Tetrachloride	8.347	117	69921	18.331	ug/l	89
34) Benzene	8.589	78	245758	19.525	ug/l	98
35) Methacrylonitrile	7.771	41	64452	20.179	ug/l	97
36) 1,2-Dichloroethane	8.653	62	83679	19.976	ug/l #	92
37) Trichloroethene	9.336	130	52219	18.175	ug/l #	79
38) Methylcyclohexane	9.583	83	87308	17.590	ug/l	97
39) 1,2-Dichloropropane	9.600	63	61914	19.538	ug/l	92
40) Dibromomethane	9.689	93	44055	19.598	ug/l	98
41) Bromodichloromethane	9.871	83	90515	20.007	ug/l	95
42) Vinyl Acetate	6.595	43	1045165	111.388	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087438.D
Acq On : 30 Jul 2025 09:57
Operator : JC\MD
Sample : VN0730WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 01:12:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone
07/31/2025
Supervised By :Mahesh Dadoda
07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	113032	19.775	ug/l #	67
44) Isopropyl Acetate	8.671	43	196705	21.542	ug/l	92
45) 1,4-Dioxane	9.683	88	25213	435.179	ug/l	96
46) Methyl methacrylate	9.665	41	89192	20.978	ug/l	95
47) n-amyl Acetate	12.530	43	68970m	18.321	ug/l	
48) t-1,3-Dichloropropene	10.818	75	102545	20.134	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	103474	19.344	ug/l	94
50) 1,1,2-Trichloroethane	11.000	97	61484	20.548	ug/l	97
51) Ethyl methacrylate	10.859	69	106582	19.668	ug/l	94
52) 1,3-Dichloropropane	11.147	76	106517	20.597	ug/l	98
53) Dibromochloromethane	11.341	129	67198	19.579	ug/l	97
54) 1,2-Dibromoethane	11.453	107	62459	19.838	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	307484	138.008	ug/l	99
56) Bromoform	12.559	173	45997	19.098	ug/l	98
58) 4-Methyl-2-Pentanone	10.430	43	598355	107.858	ug/l	98
59) 2-Hexanone	11.183	43	396291	103.079	ug/l	98
61) Tetrachloroethene	11.083	164	42271	18.077	ug/l	94
62) Toluene	10.612	91	265234	19.082	ug/l	100
64) Chlorobenzene	11.877	112	161138	18.851	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	57380	19.796	ug/l	98
66) Ethyl Benzene	11.941	91	288027	18.966	ug/l	100
67) m/p-Xylenes	12.053	106	213320	37.489	ug/l	98
68) o-Xylene	12.377	106	107584	19.321	ug/l	97
69) Styrene	12.394	104	182419	19.152	ug/l	98
70) Isopropylbenzene	12.677	105	272570	19.061	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	96360	19.761	ug/l	99
72) 1,2,3-Trichloropropane	12.977	75	82734m	18.653	ug/l	
73) Bromobenzene	12.959	156	65156	19.610	ug/l	95
74) n-propylbenzene	13.018	91	340238	19.271	ug/l	97
75) 2-Chlorotoluene	13.106	91	201268	19.208	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	225695	19.051	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	33368	17.729	ug/l	94
78) 4-Chlorotoluene	13.200	91	205233	19.074	ug/l	99
79) tert-butylbenzene	13.418	119	188402	18.409	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	225466	19.180	ug/l	98
81) sec-Butylbenzene	13.594	105	284356	18.705	ug/l	99
82) p-Isopropyltoluene	13.712	119	235598	19.094	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	121415	19.310	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	122695	18.660	ug/l	98
85) n-Butylbenzene	14.035	91	233841	18.818	ug/l	98
86) Hexachloroethane	14.312	117	46491	18.552	ug/l	94
87) 1,2-Dichlorobenzene	14.088	146	120173	19.660	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21882	19.442	ug/l	94
89) 1,2,4-Trichlorobenzene	15.812	180	67898	18.212	ug/l	97
90) Hexachlorobutadiene	15.476	225	23513	16.565	ug/l	93
91) Naphthalene	15.618	128	268427	19.050	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	67898	18.212	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087438.D
Acq On : 30 Jul 2025 09:57
Operator : JC\MD
Sample : VN0730WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 01:12:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

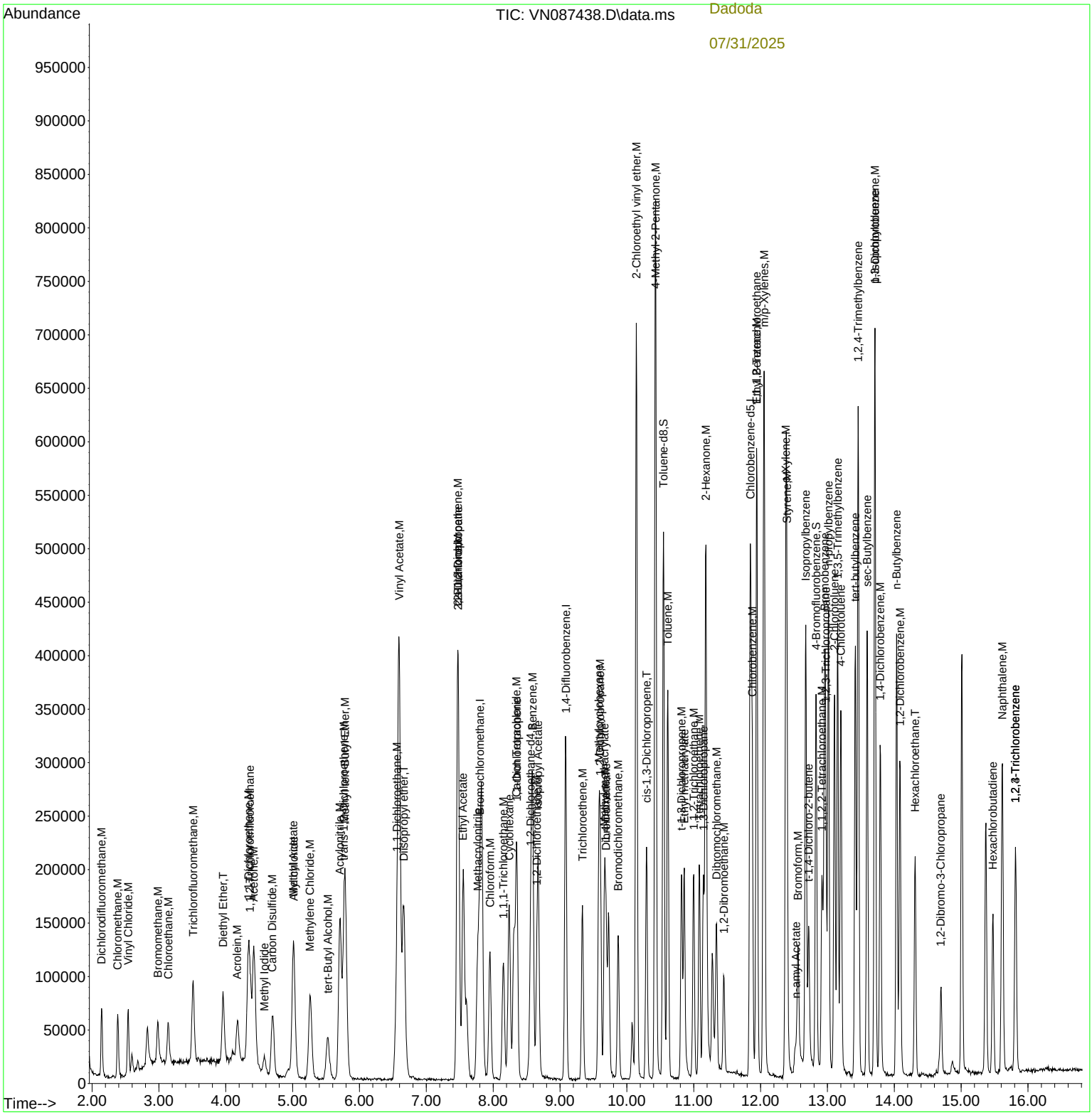
Manual Integrations APPROVED

Reviewed By :John Carlone

07/31/2025

Supervised By :Mahesh Dadoda

07/31/2025



Raw Data: **VN087439.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:	VN0730WBSD01		SDG No.:	Q2730	
Lab Sample ID:	VN0730WBSD01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units: mL		Final Vol:	5000	uL
Soil Aliquot Vol:	uL		Test:	VOC-BTEX	
GC Column:	RXI-624 ID : 0.25		Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087439.D	1	07/30/25 10:47	VN073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	19.2		0.45	5.00	ug/L
108-88-3	Toluene	19.1		0.46	5.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	38.0		1.30	10.0	ug/L
95-47-6	o-Xylene	19.1		0.67	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.5		91 - 110	108%	SPK: 30
2037-26-5	Toluene-d8	30.1		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.9		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	48200	7.8			
540-36-3	1,4-Difluorobenzene	266000	9.083			
3114-55-4	Chlorobenzene-d5	240000	11.847			

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087439.D
Acq On : 30 Jul 2025 10:47
Operator : JC\MD
Sample : VN0730WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 01:13:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	48201	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	265850	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	239728	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	119611	32.451	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.167%			
60) 4-Bromofluorobenzene	12.829	95	113912	28.936	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.467%			
63) Toluene-d8	10.547	98	331544	30.115	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	54556	19.399	ug/l	99
3) Chloromethane	2.383	50	56288	18.855	ug/l	90
4) Vinyl Chloride	2.542	62	57430	19.014	ug/l	100
5) Bromomethane	2.983	94	28318	19.226	ug/l	100
6) Chloroethane	3.142	64	35938	21.095	ug/l	97
7) Trichlorofluoromethane	3.506	101	80407	21.159	ug/l	92
8) Diethyl Ether	3.959	74	34801	21.943	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.359	101	44906	21.663	ug/l #	36
10) 1,1-Dichloroethene	4.330	96	41117	19.940	ug/l	96
11) Methyl Iodide	4.577	142	27797	14.887	ug/l	97
12) Methyl Acetate	5.024	43	99626	22.158	ug/l	93
13) Acrolein	4.177	56	49089	133.874	ug/l	98
14) Acrylonitrile	5.712	53	207625	106.496	ug/l	98
15) Acetone	4.430	58	48503	107.341	ug/l	96
16) Carbon Disulfide	4.695	76	125803	17.167	ug/l	96
17) Allyl chloride	5.006	41	94127m	19.591	ug/l	
18) Methylene Chloride	5.271	84	60592m	19.518	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	50839	17.354	ug/l	88
20) Diisopropyl ether	6.659	45	223575	20.452	ug/l	95
21) 1,1-Dichloroethane	6.553	63	107485	19.400	ug/l	96
22) cis-1,2-Dichloroethene	7.465	96	66337	18.631	ug/l #	3
23) tert-Butyl Alcohol	5.518	59	80034	105.911	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	209127	20.441	ug/l	97
25) Chloroform	7.947	83	109449	19.567	ug/l	93
26) Cyclohexane	8.241	56	93837	18.338	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	71426	18.926	ug/l	98
30) 2-Butanone	7.471	43	300514	109.905	ug/l	97
31) 2,2-Dichloropropane	7.477	77	89630	19.060	ug/l #	79
32) 1,1,1-Trichloroethane	8.153	97	87514	19.292	ug/l	96
33) Carbon Tetrachloride	8.347	117	71850	19.208	ug/l	97
34) Benzene	8.588	78	237583	19.247	ug/l	96
35) Methacrylonitrile	7.765	41	65689	20.972	ug/l	95
36) 1,2-Dichloroethane	8.659	62	86151	20.972	ug/l #	93
37) Trichloroethene	9.335	130	49690	17.635	ug/l	85
38) Methylcyclohexane	9.583	83	90243	18.540	ug/l	98
39) 1,2-Dichloropropane	9.606	63	63283	20.364	ug/l	100
40) Dibromomethane	9.694	93	45414	20.601	ug/l	95
41) Bromodichloromethane	9.871	83	88915	20.041	ug/l #	92
42) Vinyl Acetate	6.595	43	969689	105.380	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087439.D
Acq On : 30 Jul 2025 10:47
Operator : JC\MD
Sample : VN0730WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 01:13:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	117895	21.033	ug/l	#	67
44) Isopropyl Acetate	8.677	43	198430	22.159	ug/l		95
45) 1,4-Dioxane	9.688	88	25593	450.443	ug/l	#	83
46) Methyl methacrylate	9.665	41	79140	18.980	ug/l		95
47) n-amyl Acetate	12.524	43	66897m	18.120	ug/l		
48) t-1,3-Dichloropropene	10.818	75	101964	20.414	ug/l		100
49) cis-1,3-Dichloropropene	10.294	75	103323	19.697	ug/l		99
50) 1,1,2-Trichloroethane	11.000	97	58673	19.995	ug/l		97
51) Ethyl methacrylate	10.859	69	105129	19.783	ug/l		90
52) 1,3-Dichloropropane	11.147	76	101932	20.099	ug/l		99
53) Dibromochloromethane	11.341	129	65765	19.539	ug/l		99
54) 1,2-Dibromoethane	11.447	107	61989	20.077	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	311559	142.593	ug/l		98
56) Bromoform	12.559	173	44202	18.714	ug/l		96
58) 4-Methyl-2-Pentanone	10.430	43	609969	112.962	ug/l		97
59) 2-Hexanone	11.182	43	397306	106.172	ug/l		97
61) Tetrachloroethene	11.082	164	42182	18.533	ug/l		89
62) Toluene	10.612	91	258316	19.093	ug/l		97
64) Chlorobenzene	11.871	112	157644	18.947	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.941	131	54986	19.490	ug/l		98
66) Ethyl Benzene	11.941	91	283554	19.183	ug/l		99
67) m/p-Xylenes	12.053	106	210331	37.976	ug/l		99
68) o-Xylene	12.376	106	103426	19.082	ug/l		98
69) Styrene	12.394	104	173392	18.703	ug/l		99
70) Isopropylbenzene	12.676	105	265686	19.088	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.918	83	97486	20.540	ug/l		97
72) 1,2,3-Trichloropropane	12.971	75	93198m	21.587	ug/l		
73) Bromobenzene	12.959	156	61113	18.897	ug/l		97
74) n-propylbenzene	13.018	91	336624	19.588	ug/l		96
75) 2-Chlorotoluene	13.106	91	189903	18.620	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	219347	19.022	ug/l		98
77) t-1,4-Dichloro-2-butene	12.724	75	31385	17.132	ug/l		92
78) 4-Chlorotoluene	13.200	91	194032	18.527	ug/l		97
79) tert-butylbenzene	13.418	119	190112	19.085	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	221310	19.342	ug/l		99
81) sec-Butylbenzene	13.594	105	287671	19.441	ug/l		99
82) p-Isopropyltoluene	13.712	119	233397	19.434	ug/l		98
83) 1,3-Dichlorobenzene	13.712	146	117824	19.252	ug/l		98
84) 1,4-Dichlorobenzene	13.794	146	117945	18.429	ug/l		98
85) n-Butylbenzene	14.035	91	234688	19.403	ug/l		99
86) Hexachloroethane	14.306	117	43566	17.861	ug/l		95
87) 1,2-Dichlorobenzene	14.088	146	112943	18.983	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20917	19.094	ug/l		97
89) 1,2,4-Trichlorobenzene	15.812	180	66316	18.275	ug/l		98
90) Hexachlorobutadiene	15.470	225	25652	18.567	ug/l		96
91) Naphthalene	15.617	128	262503	19.140	ug/l		99
92) 1,2,3-Trichlorobenzene	15.812	180	66316	18.275	ug/l		98

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

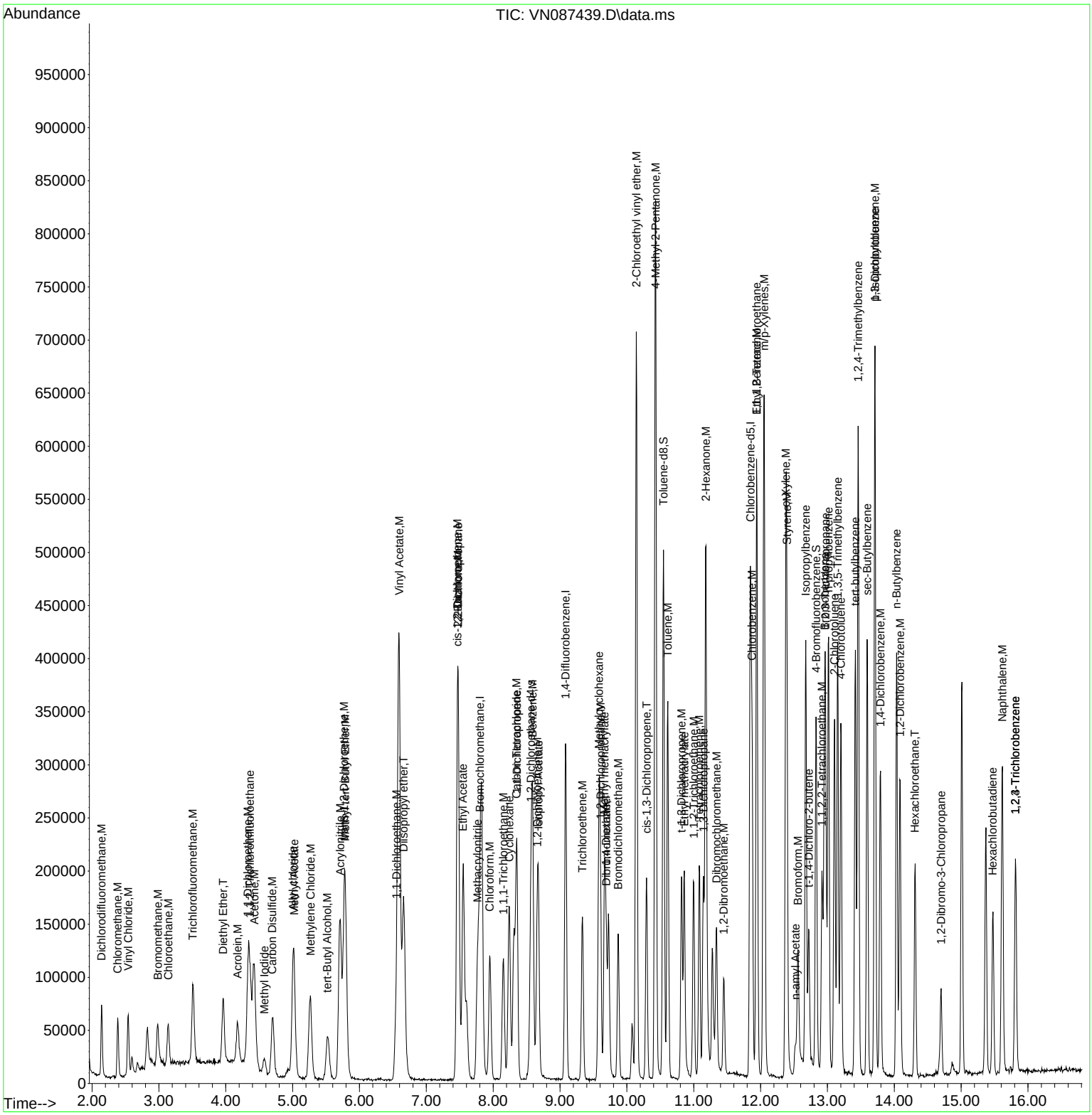
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087439.D
Acq On : 30 Jul 2025 10:47
Operator : JC\MD
Sample : VN0730WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 01:13:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



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

Manual Integration Report

Sequence:	VN072825	Instrument	MSVOA_n

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

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

Manual Integration Report

Sequence:	VN072825	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087422.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:04 PM	MMDadoda	7/29/2025 12:09:38 PM	Peak Integrated by Software
VSTDICC150	VN087423.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:11 PM	MMDadoda	7/29/2025 12:09:40 PM	Peak Integrated by Software
VSTDICC150	VN087423.D	Ethyl Acetate	JOHN	7/28/2025 3:03:11 PM	MMDadoda	7/29/2025 12:09:40 PM	Peak Integrated by Software
VSTDICV020	VN087425.D	1,2,3-Trichloropropane	JOHN	7/28/2025 3:03:15 PM	MMDadoda	7/29/2025 12:09:42 PM	Peak Integrated by Software
VSTDICV020	VN087425.D	Methyl Iodide	JOHN	7/28/2025 3:03:15 PM	MMDadoda	7/29/2025 12:09:42 PM	Peak Integrated by Software
VSTDICV020	VN087425.D	n-amyl Acetate	JOHN	7/28/2025 3:03:15 PM	MMDadoda	7/29/2025 12:09:42 PM	Peak Integrated by Software
VSTDCCC020	VN087435.D	1,2,3-Trichloropropane	JOHN	7/29/2025 8:36:36 AM	MMDadoda	7/29/2025 12:09:55 PM	Peak Integrated by Software
VSTDCCC020	VN087435.D	n-amyl Acetate	JOHN	7/29/2025 8:36:36 AM	MMDadoda	7/29/2025 12:09:55 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN073025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087437.D	1,1,2-Trichlorotrifluoroethane	JOHN	7/31/2025 8:39:17 AM	MMDadoda	7/31/2025 2:08:41 PM	Peak Integrated by Software
VSTDCCC020	VN087437.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:39:17 AM	MMDadoda	7/31/2025 2:08:41 PM	Peak Integrated by Software
VSTDCCC020	VN087437.D	Ethyl Acetate	JOHN	7/31/2025 8:39:17 AM	MMDadoda	7/31/2025 2:08:41 PM	Peak Integrated by Software
VSTDCCC020	VN087437.D	n-amyl Acetate	JOHN	7/31/2025 8:39:17 AM	MMDadoda	7/31/2025 2:08:41 PM	Peak Integrated by Software
VN0730WBS01	VN087438.D	1,1,2-Trichlorotrifluoroethane	JOHN	7/31/2025 8:39:24 AM	MMDadoda	7/31/2025 2:08:42 PM	Peak Integrated by Software
VN0730WBS01	VN087438.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:39:24 AM	MMDadoda	7/31/2025 2:08:42 PM	Peak Integrated by Software
VN0730WBS01	VN087438.D	Acetone	JOHN	7/31/2025 8:39:24 AM	MMDadoda	7/31/2025 2:08:42 PM	Peak Integrated by Software
VN0730WBS01	VN087438.D	n-amyl Acetate	JOHN	7/31/2025 8:39:24 AM	MMDadoda	7/31/2025 2:08:42 PM	Peak Integrated by Software
VN0730WBSD01	VN087439.D	1,2,3-Trichloropropane	JOHN	7/31/2025 8:39:28 AM	MMDadoda	7/31/2025 2:08:43 PM	Peak Integrated by Software
VN0730WBSD01	VN087439.D	Allyl chloride	JOHN	7/31/2025 8:39:28 AM	MMDadoda	7/31/2025 2:08:43 PM	Peak Integrated by Software
VN0730WBSD01	VN087439.D	Methylene Chloride	JOHN	7/31/2025 8:39:28 AM	MMDadoda	7/31/2025 2:08:43 PM	Peak Integrated by Software
VN0730WBSD01	VN087439.D	n-amyl Acetate	JOHN	7/31/2025 8:39:28 AM	MMDadoda	7/31/2025 2:08:43 PM	Peak Integrated by Software
Q2730-01DL	VN087445.D	2-Butanone	JOHN	7/31/2025 8:39:43 AM	MMDadoda	7/31/2025 2:08:49 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN073025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2730-02DL	VN087446.D	4-Methyl-2-Pentanone	JOHN	7/31/2025 8:39:47 AM	MMDadoda	7/31/2025 2:08:50 PM	Peak Integrated by Software
Q2730-02DL	VN087446.D	Acetone	JOHN	7/31/2025 8:39:47 AM	MMDadoda	7/31/2025 2:08:50 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072825

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

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

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

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN073025

Review By	John Carlone	Review On	7/31/2025 8:40:59 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/31/2025 2:08:56 PM		
SubDirectory	VN073025	HP Acquire Method		HP Processing Method	624N072825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134946
Initial Calibration Stds	
CCC	VP134947,VP134948
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087436.D	30 Jul 2025 08:46	JC\MD	Ok
2	VSTDCCC020	VN087437.D	30 Jul 2025 09:19	JC\MD	Ok,M
3	VN0730WBS01	VN087438.D	30 Jul 2025 09:57	JC\MD	Ok,M
4	VN0730WBSD01	VN087439.D	30 Jul 2025 10:47	JC\MD	Ok,M
5	VN0730WBL01	VN087440.D	30 Jul 2025 11:20	JC\MD	Ok
6	Q2729-01	VN087441.D	30 Jul 2025 13:45	JC\MD	Ok,M
7	Q2729-02	VN087442.D	30 Jul 2025 14:06	JC\MD	Ok,M
8	Q2730-01	VN087443.D	30 Jul 2025 14:27	JC\MD	Dilution
9	Q2730-02	VN087444.D	30 Jul 2025 14:49	JC\MD	Dilution
10	Q2730-01DL	VN087445.D	30 Jul 2025 15:12	JC\MD	Ok,M
11	Q2730-02DL	VN087446.D	30 Jul 2025 15:34	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072825

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

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

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

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN072825

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

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

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN073025

Review By	John Carlone	Review On	7/31/2025 8:40:59 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/31/2025 2:08:56 PM		
SubDirectory	VN073025	HP Acquire Method		HP Processing Method	624N072825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134946
Initial Calibration Stds	
CCC	VP134947,VP134948
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	VN087436.D	30 Jul 2025 08:46		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087437.D	30 Jul 2025 09:19	pH#Lot#V12668	JC\MD	Ok,M
3	VN0730WBS01	VN0730WBS01	VN087438.D	30 Jul 2025 09:57		JC\MD	Ok,M
4	VN0730WBSD01	VN0730WBSD01	VN087439.D	30 Jul 2025 10:47		JC\MD	Ok,M
5	VN0730WBL01	VN0730WBL01	VN087440.D	30 Jul 2025 11:20		JC\MD	Ok
6	Q2729-01	001 willets Pt Blvd(june	VN087441.D	30 Jul 2025 13:45	vial A pH<2	JC\MD	Ok,M
7	Q2729-02	002 35th Ave(june)	VN087442.D	30 Jul 2025 14:06	vial A pH<2	JC\MD	Ok,M
8	Q2730-01	001 willets Pt Blvd(july)	VN087443.D	30 Jul 2025 14:27	vial A pH<2 Need 4X	JC\MD	Dilution
9	Q2730-02	002 35th Ave(july)	VN087444.D	30 Jul 2025 14:49	vial A pH<2 Need 4X	JC\MD	Dilution
10	Q2730-01DL	001 willets Pt Blvd(july)	VN087445.D	30 Jul 2025 15:12	vial B pH<2	JC\MD	Ok,M
11	Q2730-02DL	002 35th Ave(july)DL	VN087446.D	30 Jul 2025 15:34	vial B pH<2	JC\MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 2730, Q 2731

COC Number:

CLIENT INFORMATION

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

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1	2	3	4	5	6	7	8	9
Ammonia	TSS/ O&G	Cu, Fe, PB	BTEX	Hg 1631LL	BOD5			

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (July)	W		X	7/29/25	11:30	6	X	X	X	X	X	X				PH 1-3
2.	002 35th Ave (July)	W		X	7/29/25	11:30	6	X	X	X	X	X	X				PH 1-3
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. D Devoe	July 29, 2025	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	12:02 7/30/25	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 22.6°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: NO
Comments:

Page_____of_____

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2730 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 7/30/2025 12:28:00 PM
Project Name : Transfer Station-SPDES
Receive DateTime : 7/30/2025 12:02:00 PM
Purchase Order :

Project Mgr : Deepak
Report Type : Results Only
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff : 7/30/2025 1:18:36 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2730-01	001 willets Pt Blvd(july)	Water	07/29/2025	11:30					
					VOC-BTEX		624.1		5 Bus. Days
Q2730-02	002 35th Ave(july)	Water	07/29/2025	11:30					
					VOC-BTEX		624.1		5 Bus. Days

Relinquished By :
Date / Time : 7/30/25 1325

Received By :
Date / Time : 07/30/25 13:25

Storage Area : VOA Refridgerator Room