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

Cover Page

Order ID : Q2902

Project ID : Quarterly

Client : Tris Pharma, Inc.

Lab Sample Number	Client Sample Number
Q2902-01	OUTFALL-DSN-001
Q2902-02	Q2902-1MS
Q2902-03	Q2902-1MSD
Q2902-04	OUTFALL-DSN-002

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

Signature : _____

Date: 8/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2902**

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

QA Review Signature: **KETAN PATEL** **Date:** **08/25/2025**

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LAB CHRONICLE

OrderID:	Q2902	**OrderDate:**	8/19/2025 12:17:00 PM
Client:	Tris Pharma, Inc.	**Project:**	Quarterly
Contact:	Nichole Nikki Ferrari	**Location:**	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2902-01	**OUTFALL-DSN-001**	**Water**			**08/19/25**			**08/19/25**
			VOCMS Group1	624.1			08/20/25	
Q2902-04	**OUTFALL-DSN-002**	**Water**			**08/19/25**			**08/19/25**
			VOCMS Group1	624.1			08/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2902

Client: Tris Pharma, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**OUTFALL-DSN-001**							
Q2902-01	OUTFALL-DSN-00	Water	Acetone	210		4.60	25.0	ug/L
			Total Voc :	210				
			Total Concentration:	210				
Client ID:	**OUTFALL-DSN-002**							
Q2902-04	OUTFALL-DSN-00	Water	Acetone	330		4.60	25.0	ug/L
			Total Voc :	330				
			Total Concentration:	330				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2902

Client: Tris Pharma, Inc.

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2902-01	OUTFALL-DSN-001	1,2-Dichloroethane-d4	30	29.8	99		91	110
		Toluene-d8	30	29.5	98		91	112
		4-Bromofluorobenzene	30	26.8	89		63	112
Q2902-02MS	OUTFALL-DSN-001MS	1,2-Dichloroethane-d4	30	30.1	100		91	110
		Toluene-d8	30	29.4	98		91	112
		4-Bromofluorobenzene	30	28.8	96		63	112
Q2902-03MSD	OUTFALL-DSN-001MSD	1,2-Dichloroethane-d4	30	29.8	99		91	110
		Toluene-d8	30	30.0	100		91	112
		4-Bromofluorobenzene	30	29.1	97		63	112
Q2902-04	OUTFALL-DSN-002	1,2-Dichloroethane-d4	30	29.6	99		91	110
		Toluene-d8	30	30.0	100		91	112
		4-Bromofluorobenzene	30	26.1	87		63	112
VN0820WBL01	VN0820WBL01	1,2-Dichloroethane-d4	30	29.4	98		91	110
		Toluene-d8	30	30.0	100		91	112
		4-Bromofluorobenzene	30	27.4	91		63	112
VN0820WBS01	VN0820WBS01	1,2-Dichloroethane-d4	30	28.7	96		91	110
		Toluene-d8	30	30.1	100		91	112
		4-Bromofluorobenzene	30	29.0	97		63	112

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2902 **Analytical Method:** SW624.1

Client: Tris Pharma, Inc. **Datafile :** VN087609.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2902-02MS		**Client Sample ID : OUTFALL-DSN-001MS**									
Ethyl Acetate	20	0	19.4	ug/L	97				50	150	
Isopropyl Acetate	20	0	18.3	ug/L	92				70	130	
Acetone	100	210	690	ug/L	480	*			58	137	
Methylene Chloride	20	0	19.7	ug/L	99				1	221	
n-amyl Acetate	20	0	19.2	ug/L	96				70	130	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2902 **Analytical Method:** SW624.1

Client: Tris Pharma, Inc. **Datafile :** VN087610.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID :	**Q2902-03MSD**	**Client Sample ID :**	**OUTFALL-DSN-001MSD**								
Ethyl Acetate	20	0	19.1	ug/L	96		2		50	150	20
Isopropyl Acetate	20	0	18.4	ug/L	92		1		70	130	20
Acetone	100	210	680	ug/L	470	*	2		58	137	20
Methylene Chloride	20	0	18.5	ug/L	93		6		1	221	20
n-amyl Acetate	20	0	18.1	ug/L	91		6		70	130	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2902 **Analytical Method:** SW624.1

Client: Tris Pharma, Inc. **Datafile :** VN087604.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0820WBS01	Ethyl Acetate	20	17.9	ug/L	90			68	140	
	Isopropyl Acetate	20	17.0	ug/L	85			70	130	
	Acetone	100	100	ug/L	100			41	148	
	Methylene Chloride	20	17.5	ug/L	88			60	140	
	n-amyl Acetate	20	18.7	ug/L	94			70	130	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0820WBL01

Lab Name: Alliance Contract: TRIS02

Lab Code: ACE SDG NO.: Q2902

Lab File ID: VN087606.D Lab Sample ID: VN0820WBL01

Date Analyzed: 08/20/2025 Time Analyzed: 10:39

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
VN0820WBS01	VN0820WBS01	VN087604.D	08/20/2025
OUTFALL-DSN-002	Q2902-04	VN087607.D	08/20/2025
OUTFALL-DSN-001	Q2902-01	VN087608.D	08/20/2025
OUTFALL-DSN-001MS	Q2902-02MS	VN087609.D	08/20/2025
OUTFALL-DSN-001MSD	Q2902-03MSD	VN087610.D	08/20/2025

COMMENTS:

Raw Data: **VN087447.D**

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TRIS02
Lab Code: ACE
SDG NO.: Q2902
Lab File ID: VN087447.D
BFB Injection Date: 08/05/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:27
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.6
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.5) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	4.8 (7.2) 1
176	95.0 - 101.0% of mass 174	65.2 (97.7) 1
177	5.0 - 9.0% of mass 176	4.8 (7.3) 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	VN087452.D	08/05/2025	13:37
VSTDICCC020	VSTDICCC020	VN087453.D	08/05/2025	13:58
VSTDICC050	VSTDICC050	VN087454.D	08/05/2025	14:19
VSTDICC100	VSTDICC100	VN087455.D	08/05/2025	14:40
VSTDICC150	VSTDICC150	VN087456.D	08/05/2025	15:01

Raw Data: **VN087602.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TRIS02

Lab Code: ACE | SDG NO.: Q2902

Lab File ID: VN087602.D | BFB Injection Date: 08/20/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:23

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	23.5
75	30.0 - 60.0% of mass 95	56.9
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	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	5.6 (8.2) 1
176	95.0 - 101.0% of mass 174	65.5 (96.5) 1
177	5.0 - 9.0% of mass 176	3.4 (5.2) 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	VN087603.D	08/20/2025	08:58
VN0820WBS01	VN0820WBS01	VN087604.D	08/20/2025	09:32
VN0820WBL01	VN0820WBL01	VN087606.D	08/20/2025	10:39
OUTFALL-DSN-002	Q2902-04	VN087607.D	08/20/2025	11:14
OUTFALL-DSN-001	Q2902-01	VN087608.D	08/20/2025	11:36
OUTFALL-DSN-001MS	Q2902-02MS	VN087609.D	08/20/2025	11:57
OUTFALL-DSN-001MSD	Q2902-03MSD	VN087610.D	08/20/2025	12:19

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TRIS02

Lab Code: ACE SDG NO.: Q2902

Lab File ID: VN087603.D Date Analyzed: 08/20/2025

Instrument ID: MSVOA_N Time Analyzed: 08:58

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	57702	7.80	317393	9.08	285286	11.85
UPPER LIMIT	115404	8.3	634786	9.582	570572	12.347
LOWER LIMIT	28851	7.3	158697	8.582	142643	11.347
EPA SAMPLE NO.						
OUTFALL-DSN-001	49956	7.81	273753	9.08	243163	11.85
OUTFALL-DSN-001MS	50255	7.80	274038	9.09	252169	11.85
OUTFALL-DSN-001MSD	50973	7.81	275779	9.08	252017	11.85
OUTFALL-DSN-002	53651	7.81	289860	9.08	254089	11.85
VN0820WBL01	50156	7.80	275670	9.08	241360	11.85
VN0820WBS01	57311	7.80	304862	9.08	275151	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: TRIS02

Lab Code: ACE SDG NO.: Q2902

Lab File ID: VN087603.D Date Analyzed: 08/20/2025

Instrument ID: MSVOA_N Time Analyzed: 08:58

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.						
OUTFALL-DSN-001	0	0.00				
OUTFALL-DSN-001MS	0	0.00				
OUTFALL-DSN-001MSD	0	0.00				
OUTFALL-DSN-002	0	0.00				
VN0820WBL01	0	0.00				
VN0820WBS01	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: **VN087608.D**

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Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	08/19/25
Project:	Quarterly	Date Received:	08/19/25
Client Sample ID:	OUTFALL-DSN-001	SDG No.:	Q2902
Lab Sample ID:	Q2902-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087608.D	1	08/20/25 11:36	VN082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	1.30	U	1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	1.00	U	1.00	5.00	ug/L
67-64-1	Acetone	210		4.60	25.0	ug/L
75-09-2	Methylene Chloride	0.86	U	0.86	5.00	ug/L
628-63-7	n-amyl Acetate	0.81	U	0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.8		91 - 110	99%	SPK: 30
2037-26-5	Toluene-d8	29.5		91 - 112	98%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.8		63 - 112	89%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	50000	7.806			
540-36-3	1,4-Difluorobenzene	274000	9.082			
3114-55-4	Chlorobenzene-d5	243000	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\VN082025\
Data File : VN087608.D
Acq On : 20 Aug 2025 11:36
Operator : JC\MD
Sample : Q2902-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Quant Time: Aug 21 02:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

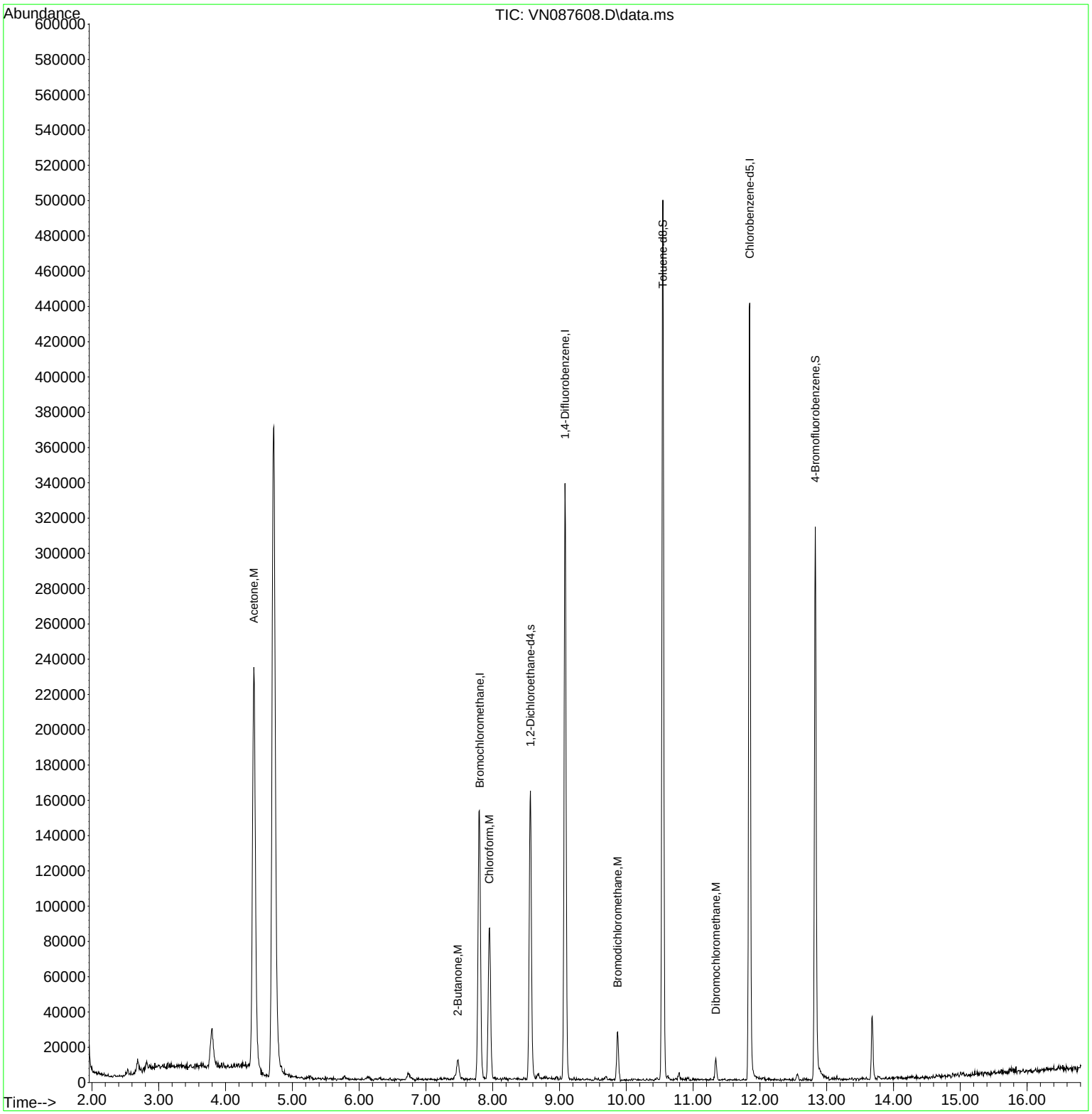
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.806	128	49956	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	273753	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	243163	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	137362	29.811	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.367%				
60) 4-Bromofluorobenzene	12.829	95	112303	26.837	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.467%				
63) Toluene-d8	10.547	98	329901	29.486	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.300%				
Target Compounds							Qvalue
15) Acetone	4.424	58	131126	208.153	ug/l		95
25) Chloroform	7.947	83	84018	12.257	ug/l		94
30) 2-Butanone	7.477	43	18067	5.490	ug/l	#	90
41) Bromodichloromethane	9.871	83	17694	3.141	ug/l	#	86
53) Dibromochloromethane	11.341	129	6193	1.565	ug/l		93

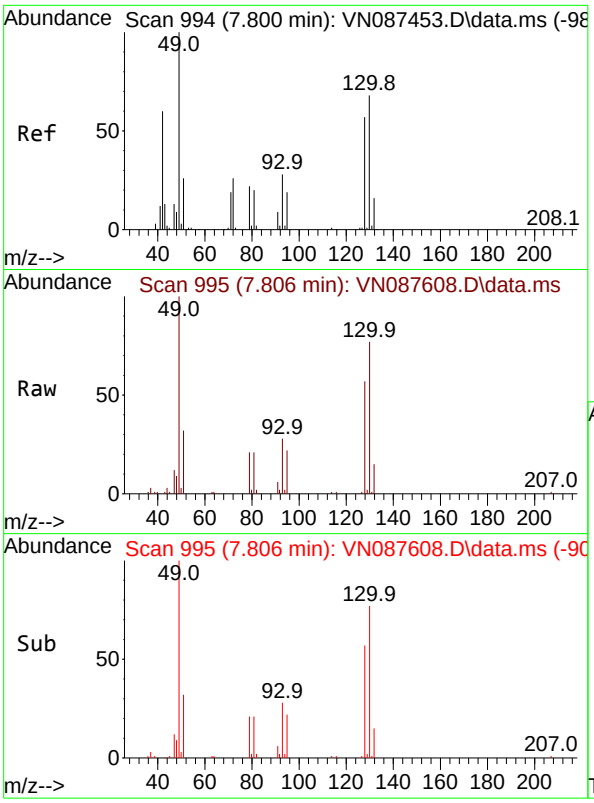
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087608.D
Acq On : 20 Aug 2025 11:36
Operator : JC\MD
Sample : Q2902-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Quant Time: Aug 21 02:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration



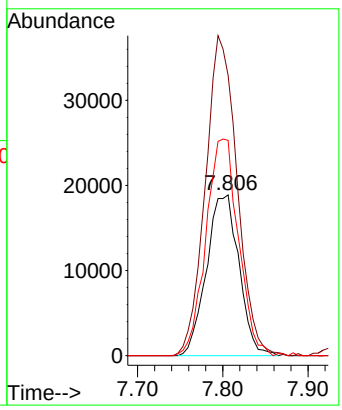


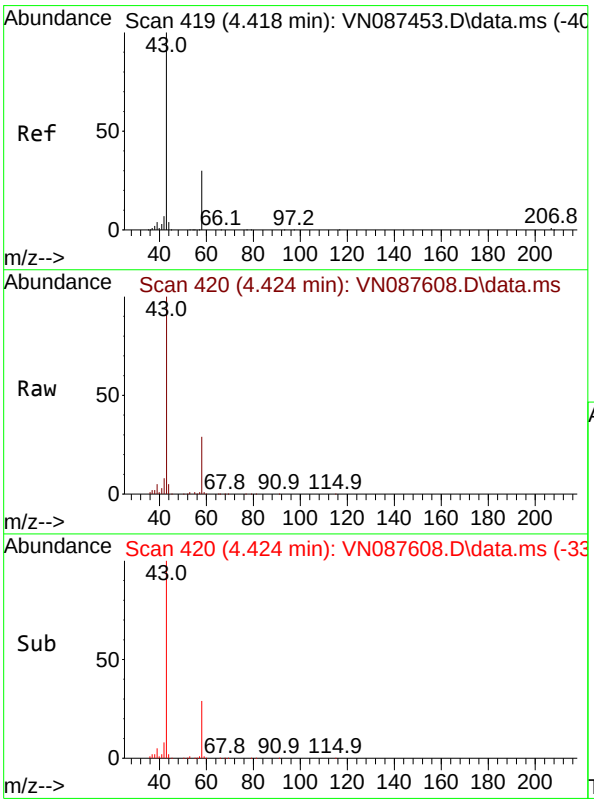
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion:128 Resp: 49956

Ion	Ratio	Lower	Upper
128	100		
49	194.6	0.0	494.8
130	135.0	0.0	321.5

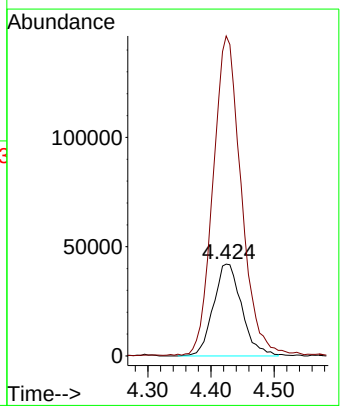


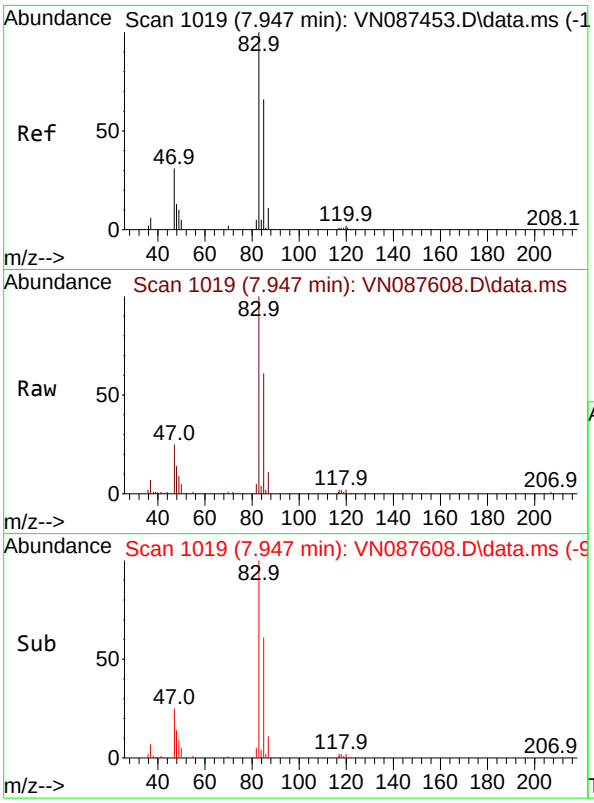


#15
Acetone
Concen: 208.153 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Tgt Ion: 58 Resp: 131126

Ion	Ratio	Lower	Upper
58	100		
43	346.7	268.9	403.3



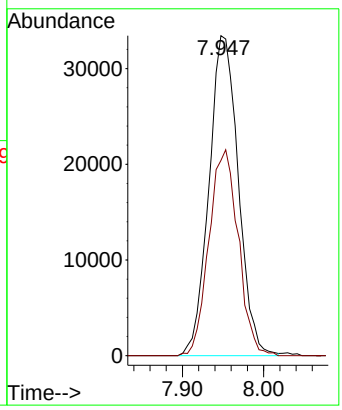


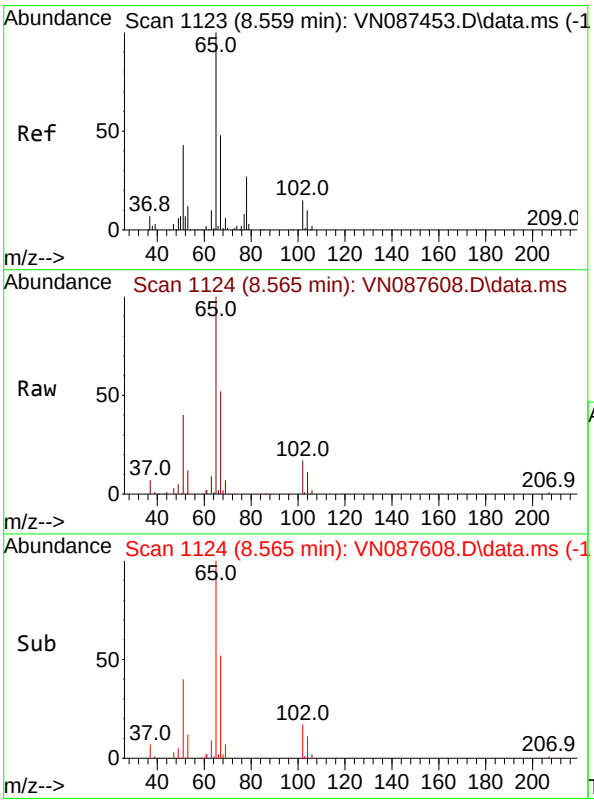
#25
Chloroform
Concen: 12.257 ug/l
RT: 7.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion: 83 Resp: 84018

Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.6	78.8

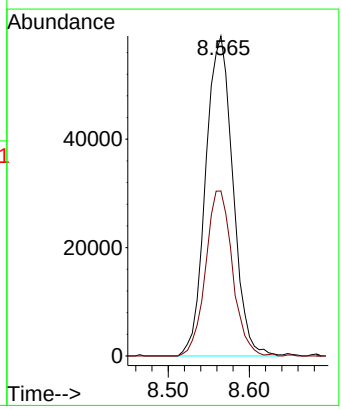


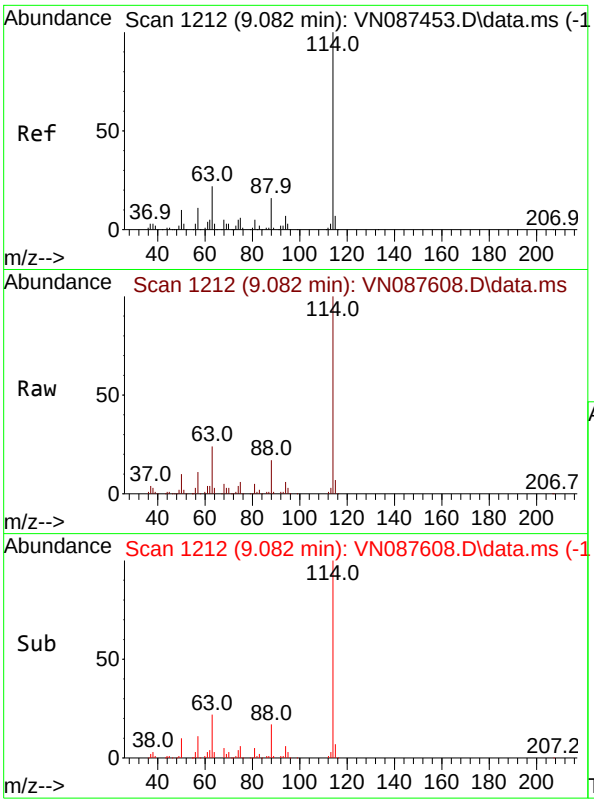


#27
1,2-Dichloroethane-d4
Concen: 29.811 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Tgt Ion: 65 Resp: 137362

Ion	Ratio	Lower	Upper
65	100		
67	50.8	40.8	61.2



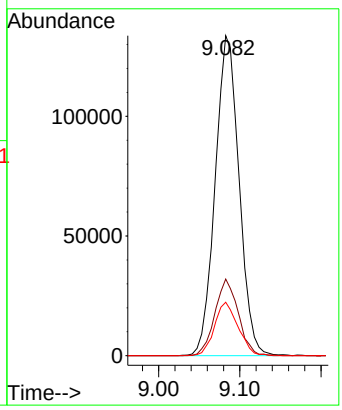


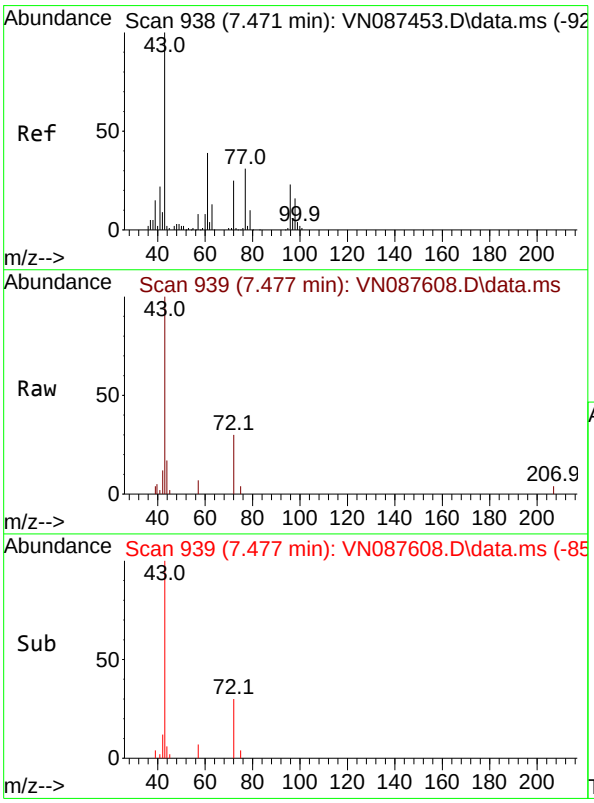
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion:114 Resp: 273753

Ion	Ratio	Lower	Upper
114	100		
63	23.5	18.9	28.3
88	16.5	13.1	19.7

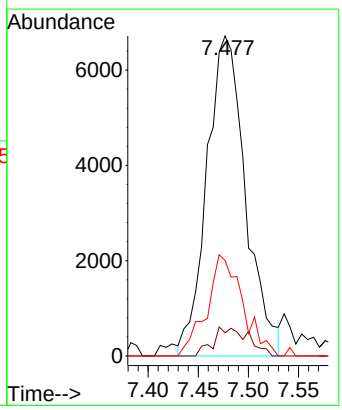


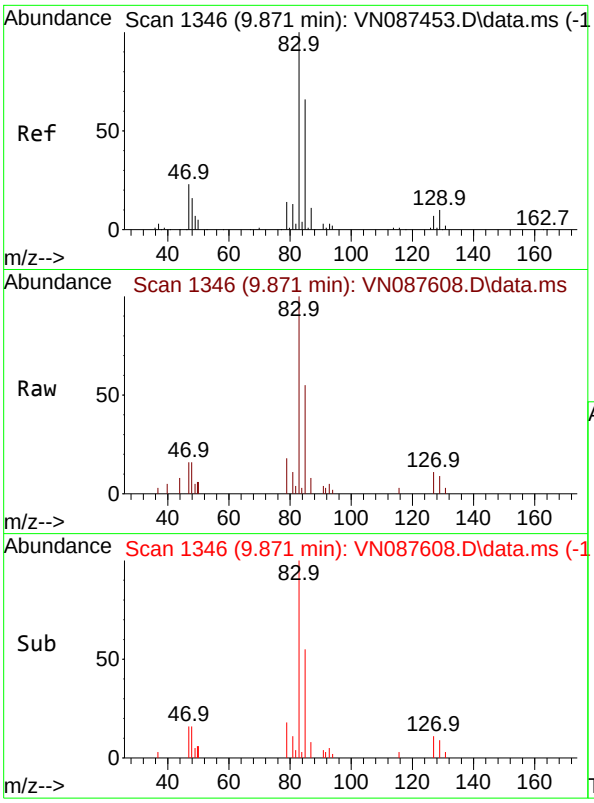


#30
2-Butanone
Concen: 5.490 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Tgt Ion: 43 Resp: 18067

Ion	Ratio	Lower	Upper
43	100		
57	1.9	6.6	9.8#
72	21.2	19.7	29.5



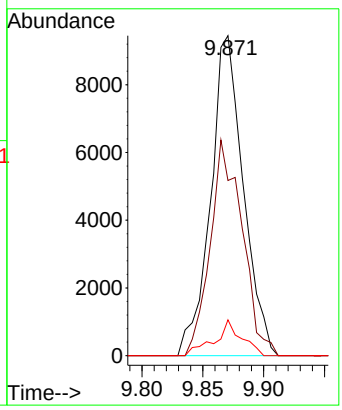


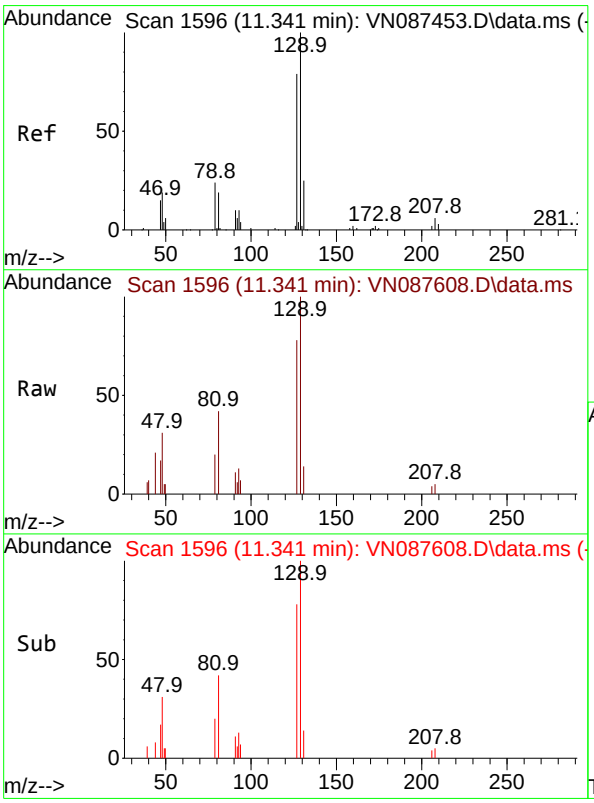
#41
Bromodichloromethane
Concen: 3.141 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion: 83 Resp: 17694

Ion	Ratio	Lower	Upper
83	100		
85	54.7	52.9	79.3
127	11.2	5.8	8.6#

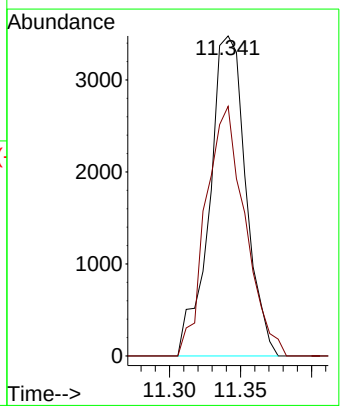


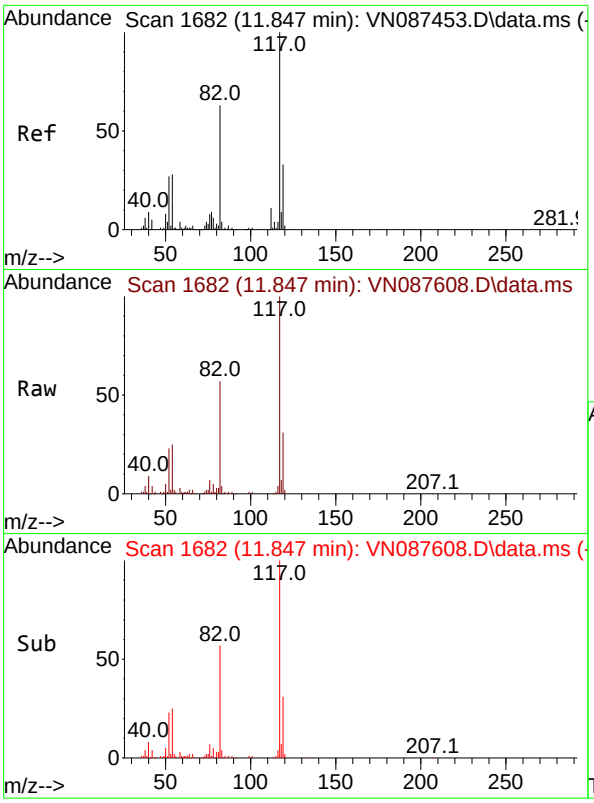


#53
Dibromochloromethane
Concen: 1.565 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Tgt Ion:129 Resp: 6193

Ion	Ratio	Lower	Upper
129	100		
127	84.2	39.1	117.3



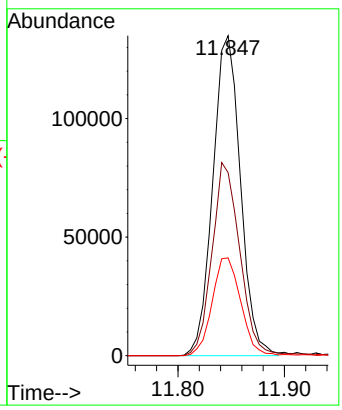


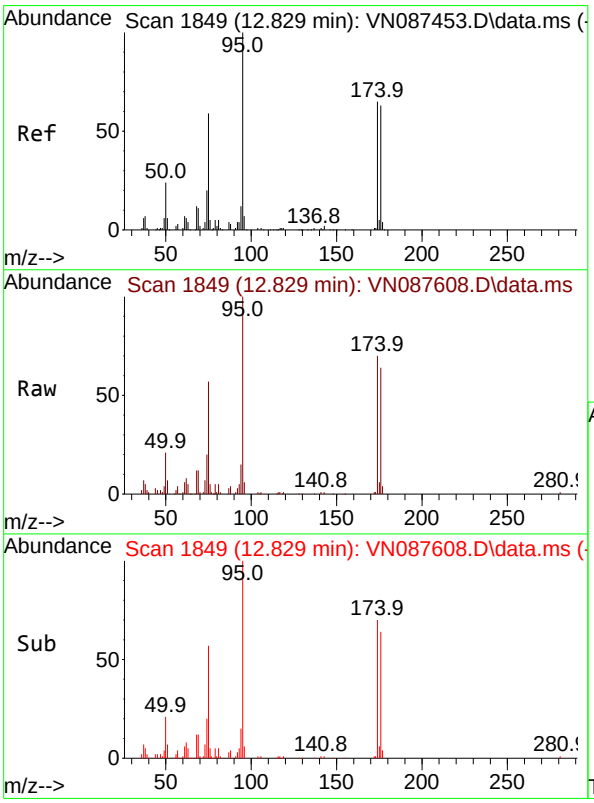
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion:117 Resp: 243163

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	31.6	25.7	38.5

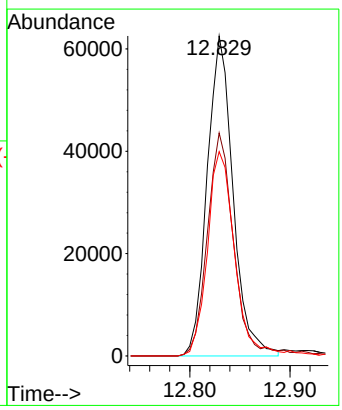


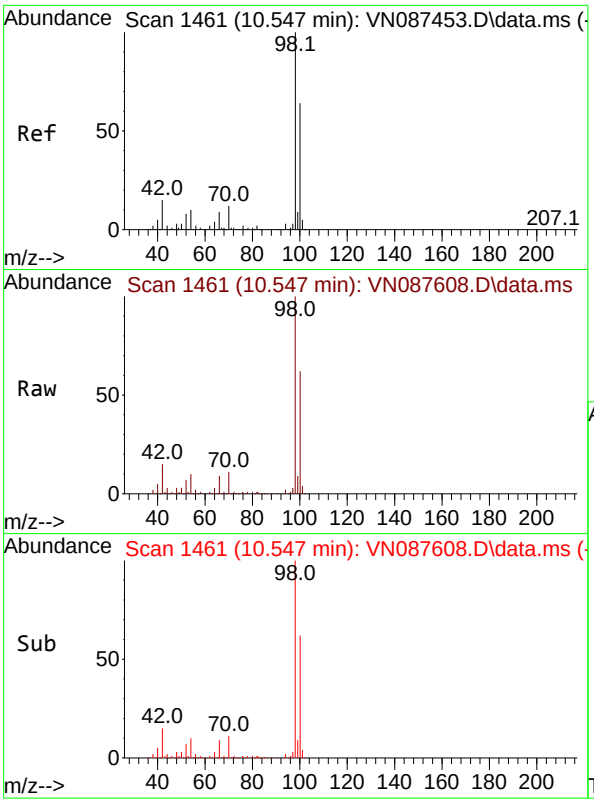


#60
4-Bromofluorobenzene
Concen: 26.837 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Tgt Ion: 95 Resp: 112303

Ion	Ratio	Lower	Upper
95	100		
174	70.0	52.3	78.5
176	66.5	49.8	74.8



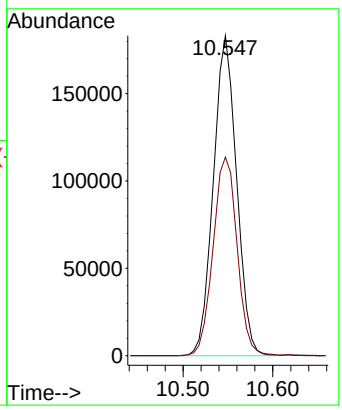


#63
Toluene-d8
Concen: 29.486 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087608.D
Acq: 20 Aug 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion: 98 Resp: 329901

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.5	75.7



Raw Data: **VN087607.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	08/19/25
Project:	Quarterly	Date Received:	08/19/25
Client Sample ID:	OUTFALL-DSN-002	SDG No.:	Q2902
Lab Sample ID:	Q2902-04	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087607.D	1	08/20/25 11:14	VN082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	1.30	U	1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	1.00	U	1.00	5.00	ug/L
67-64-1	Acetone	330		4.60	25.0	ug/L
75-09-2	Methylene Chloride	0.86	U	0.86	5.00	ug/L
628-63-7	n-amyl Acetate	0.81	U	0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.6		91 - 110	99%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.1		63 - 112	87%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	53700	7.806			
540-36-3	1,4-Difluorobenzene	290000	9.083			
3114-55-4	Chlorobenzene-d5	254000	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: **VN087607.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087607.D
Acq On : 20 Aug 2025 11:14
Operator : JC\MD
Sample : Q2902-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:41:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.806	128	53651	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	289860	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	254089	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	146454	29.596	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.667%			
60) 4-Bromofluorobenzene	12.829	95	114013	26.074	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.900%			
63) Toluene-d8	10.547	98	350710	29.998	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.000%			
Target Compounds						Qvalue
12) Methyl Acetate	5.024	43	19129m	3.528	ug/l	
15) Acetone	4.424	58	225836	333.809	ug/l	95
25) Chloroform	7.947	83	138719	18.843	ug/l	97
41) Bromodichloromethane	9.871	83	22851	3.831	ug/l	98
53) Dibromochloromethane	11.341	129	6730	1.607	ug/l	94

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

Sample Results: **VN087607.D**

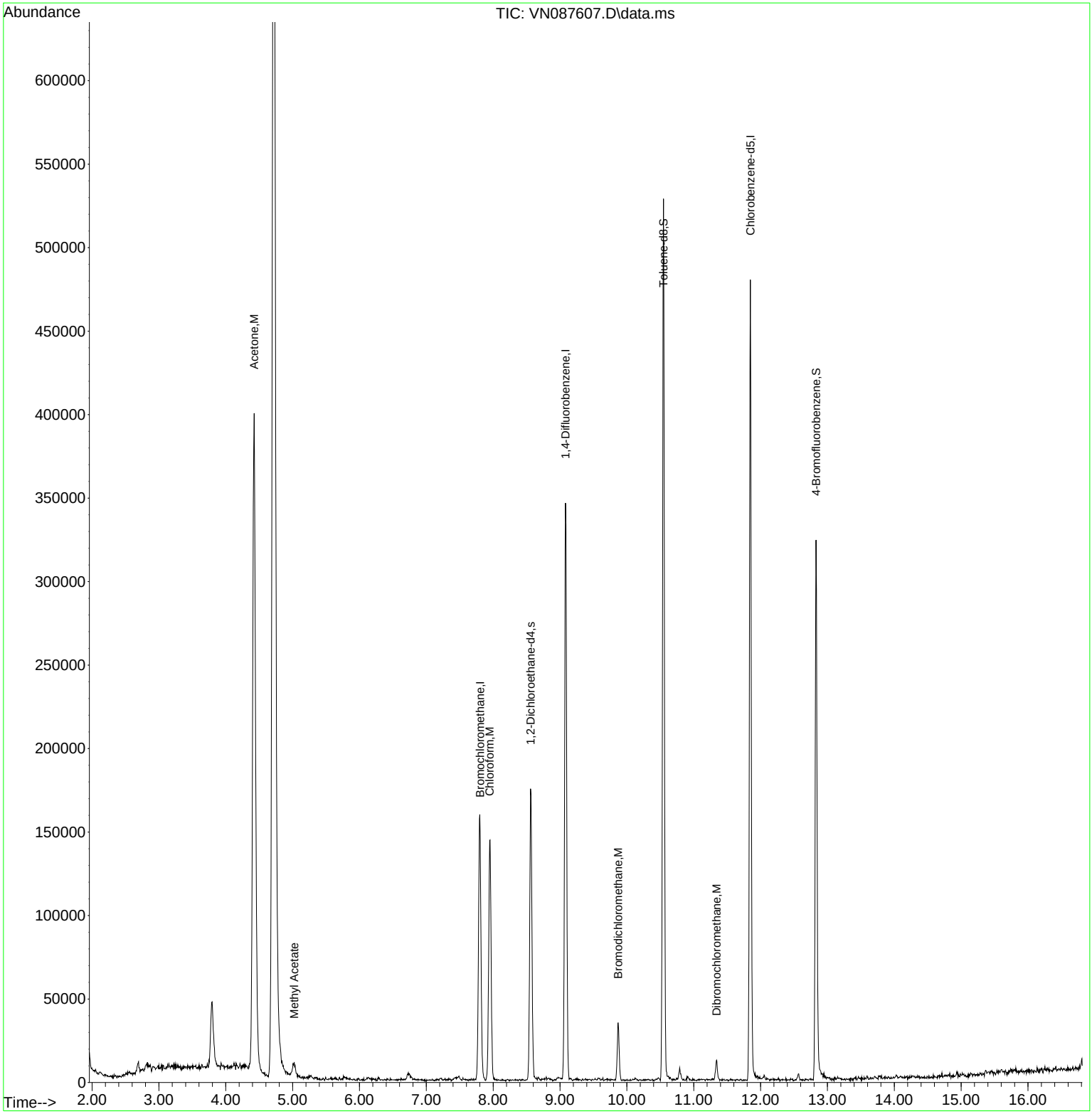
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087607.D
Acq On : 20 Aug 2025 11:14
Operator : JC\MD
Sample : Q2902-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

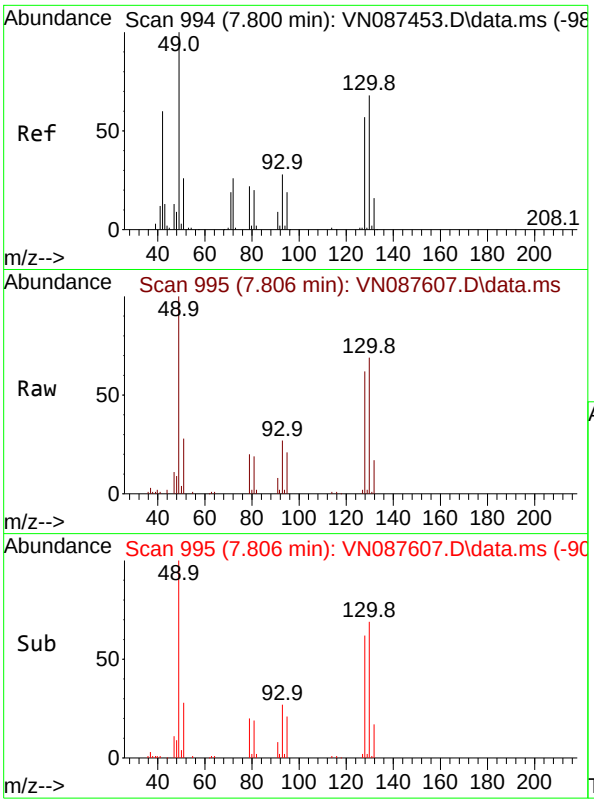
Quant Time: Aug 21 02:41:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

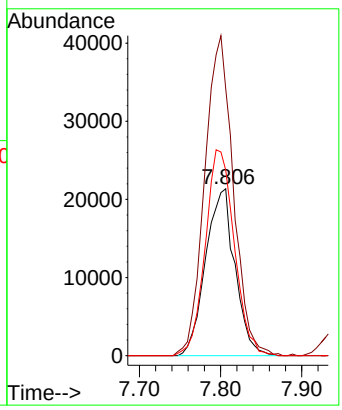




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion:128 Resp: 5365

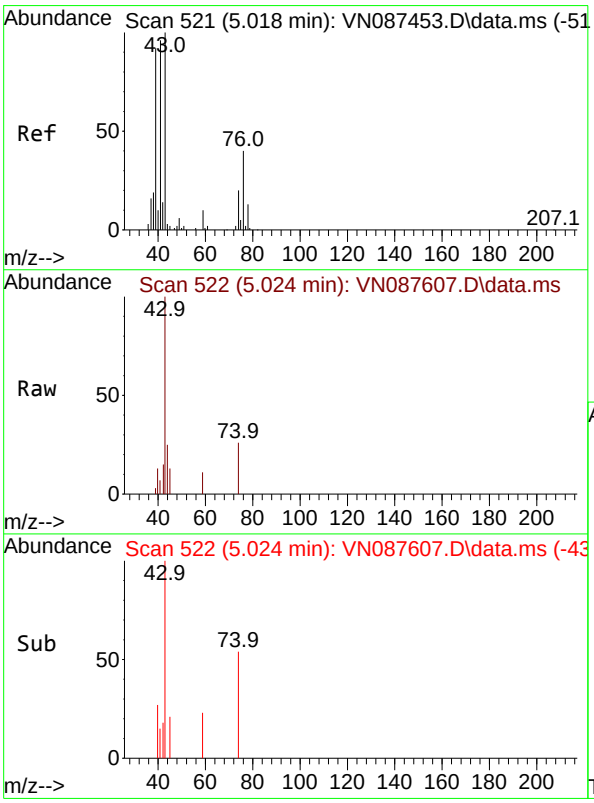
Ion	Ratio	Lower	Upper
128	100		
49	187.0	0.0	494.8
130	122.2	0.0	321.5



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

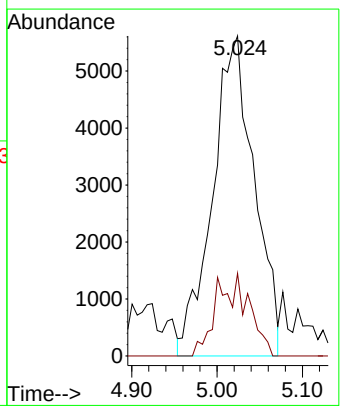
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

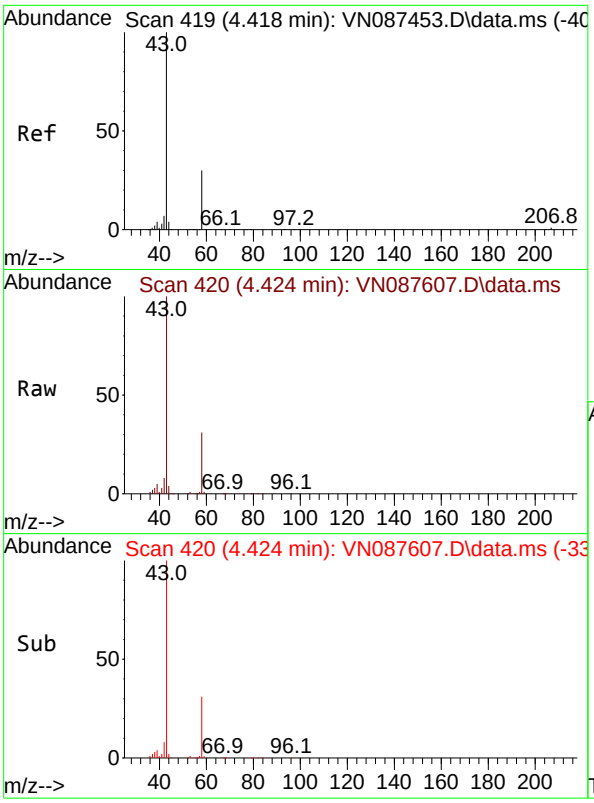


#12
Methyl Acetate
Concen: 3.528 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion: 43 Resp: 19129

Ion	Ratio	Lower	Upper
43	100		
74	25.8	16.0	24.0#

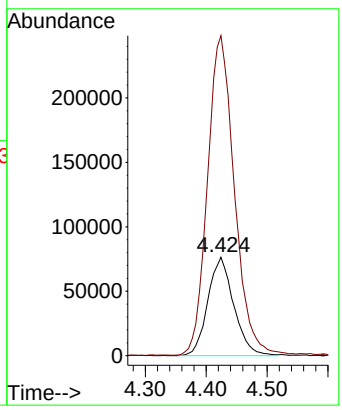




#15
Acetone
Concen: 333.809 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion: 58 Resp: 22583

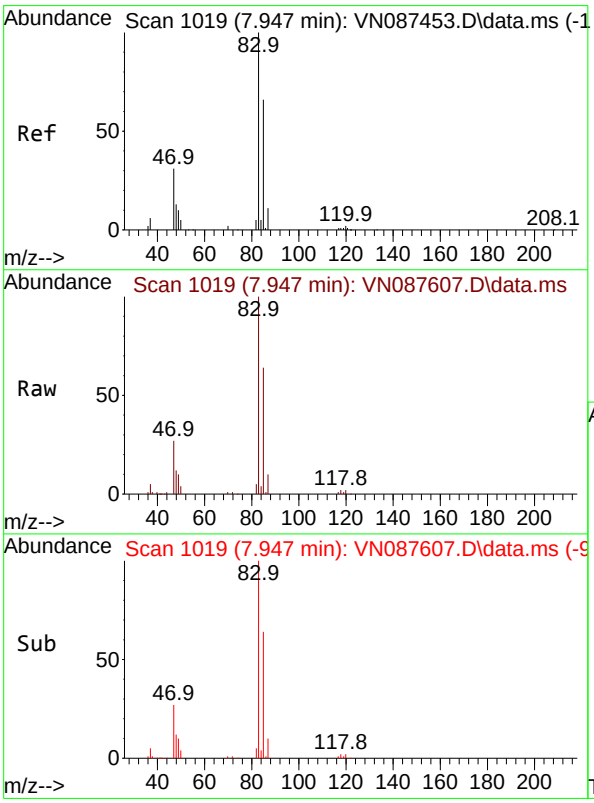
Ion	Ratio	Lower	Upper
58	100		
43	324.5	268.9	403.3



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

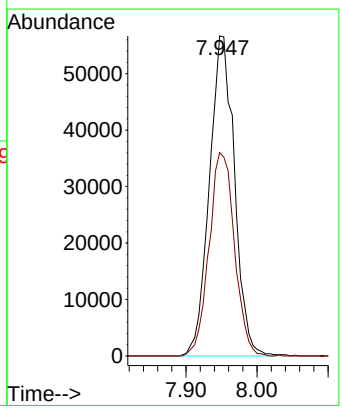
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

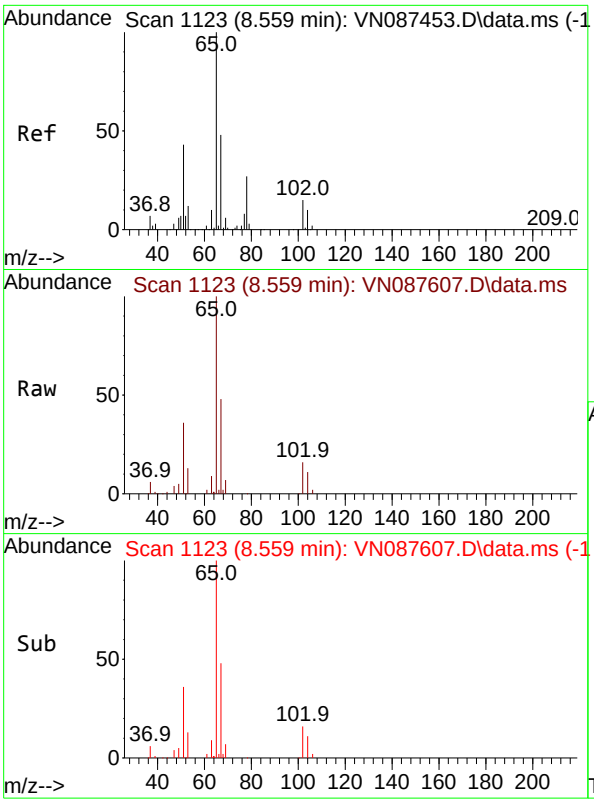


#25
Chloroform
Concen: 18.843 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion: 83 Resp: 138719

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.6	78.8





#27
1,2-Dichloroethane-d4
Concen: 29.596 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

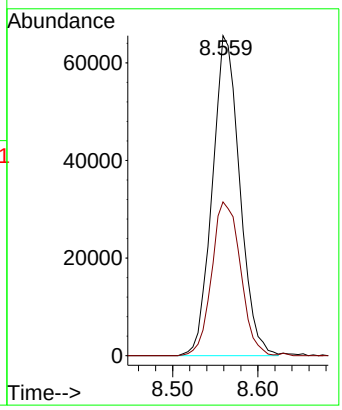
Tgt Ion: 65 Resp: 14645

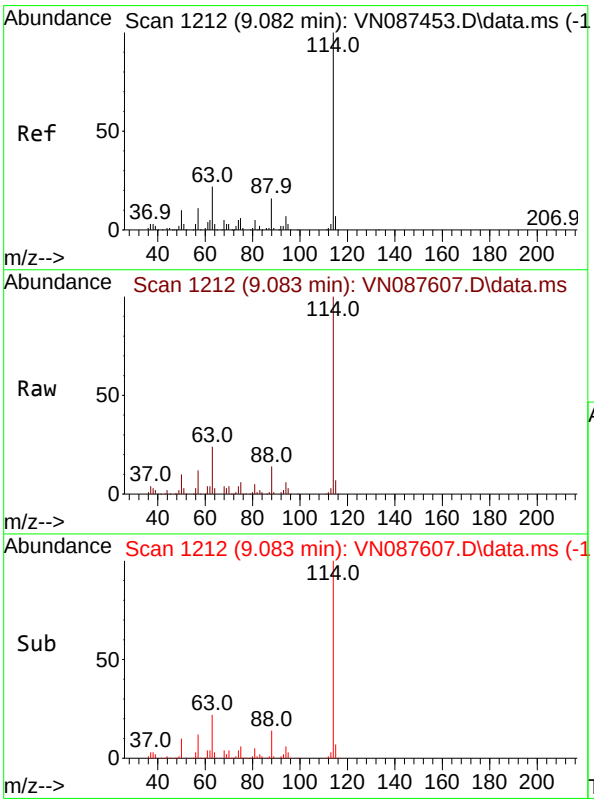
Ion	Ratio	Lower	Upper
65	100		
67	50.4	40.8	61.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

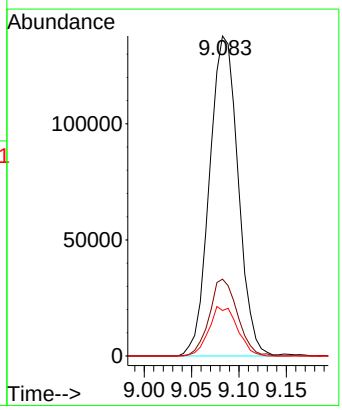


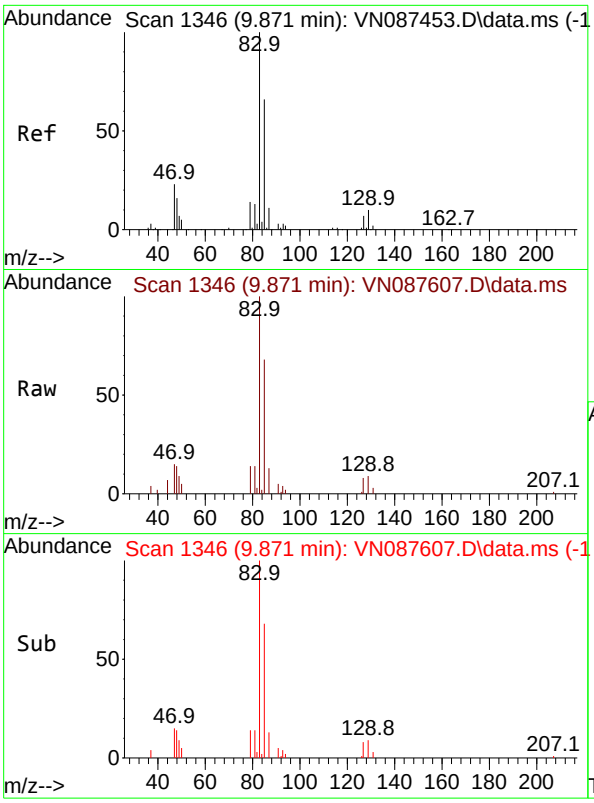


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion:114 Resp: 289860

Ion	Ratio	Lower	Upper
114	100		
63	23.5	18.9	28.3
88	15.3	13.1	19.7





#41
Bromodichloromethane
Concen: 3.831 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

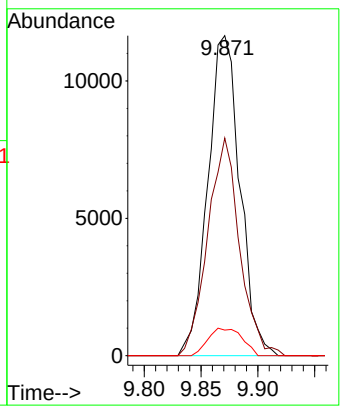
Tgt Ion: 83 Resp: 2285

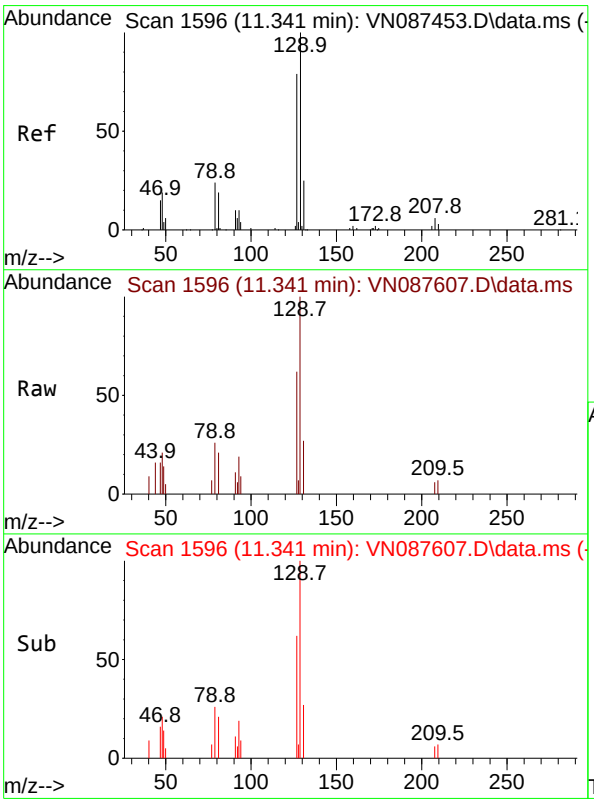
Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.9	79.3
127	8.0	5.8	8.6

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

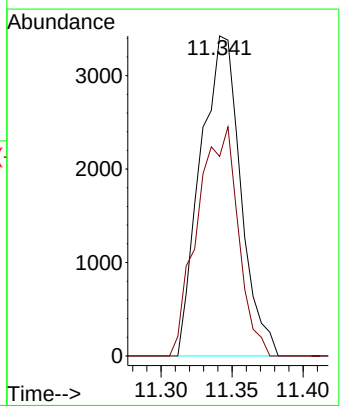


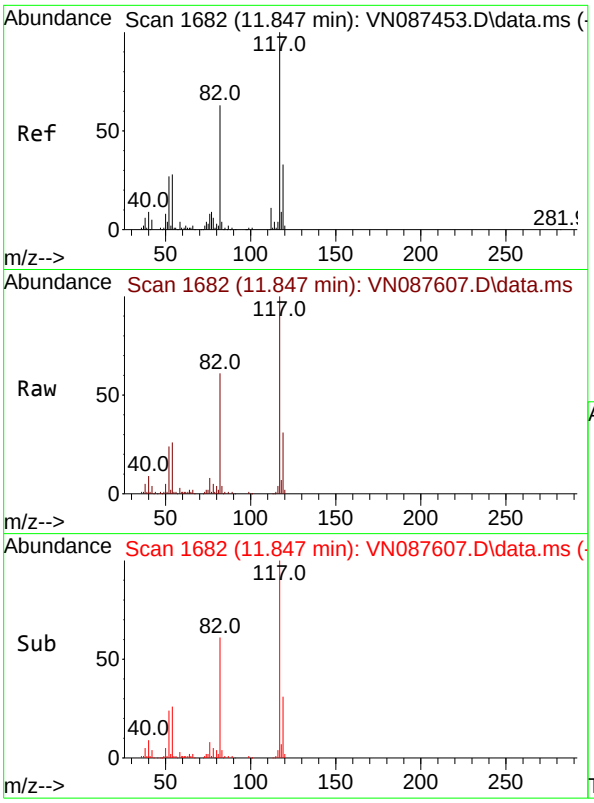


#53
Dibromochloromethane
Concen: 1.607 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion:129 Resp: 6730

Ion	Ratio	Lower	Upper
129	100		
127	72.5	39.1	117.3

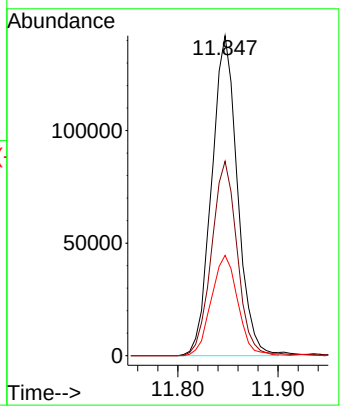




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion:117 Resp: 25408

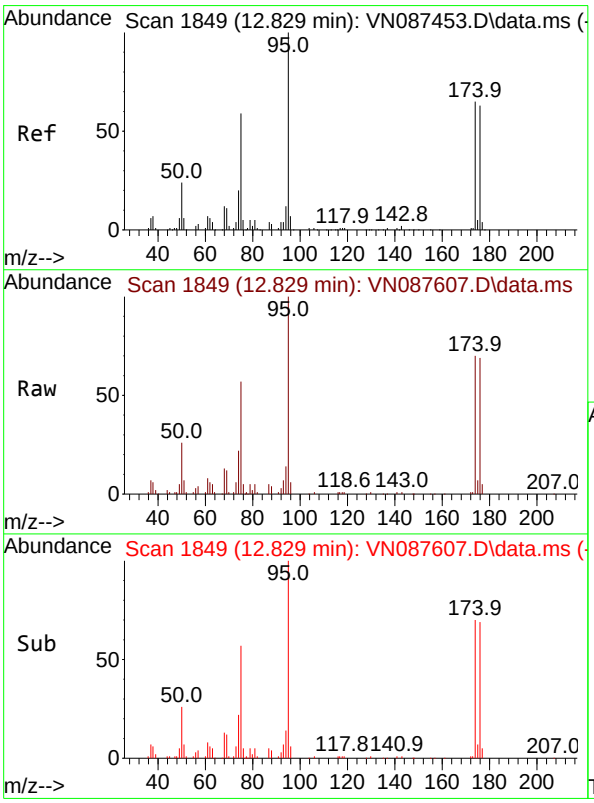
Ion	Ratio	Lower	Upper
117	100		
82	60.1	49.2	73.8
119	32.2	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

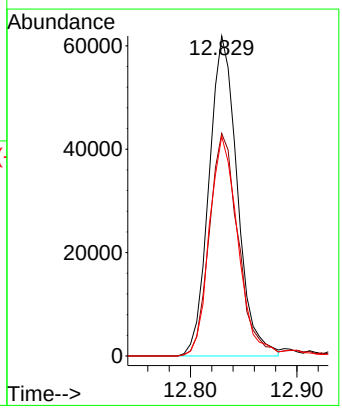
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

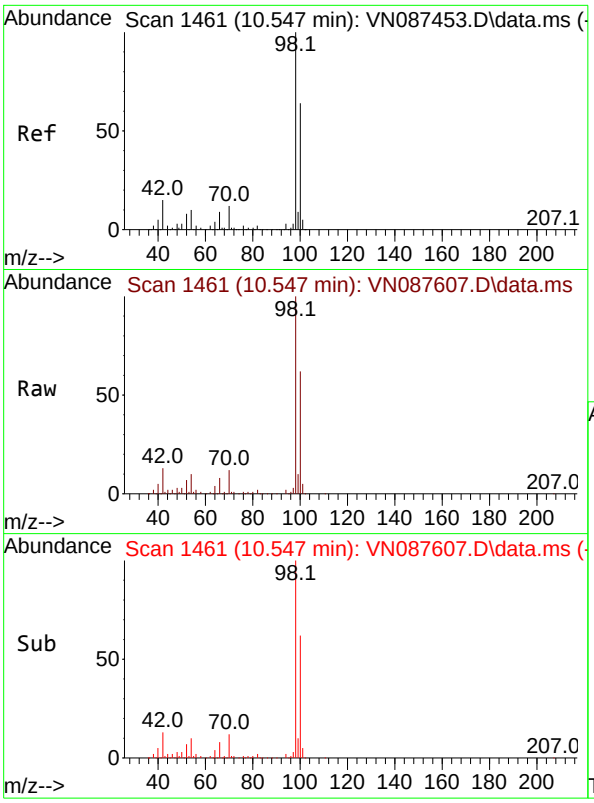


#60
4-Bromofluorobenzene
Concen: 26.074 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion: 95 Resp: 114013

Ion	Ratio	Lower	Upper
95	100		
174	70.8	52.3	78.5
176	69.2	49.8	74.8

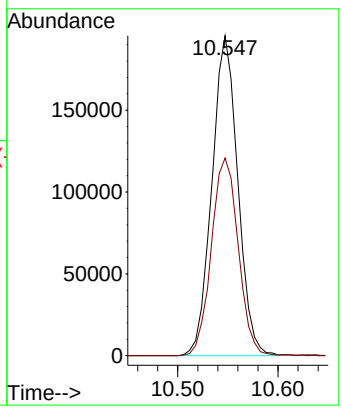




#63
Toluene-d8
Concen: 29.998 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Tgt Ion: 98 Resp: 35071

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.5	75.7



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TRIS02

Lab Code: ACE SDG No.: Q2902

Instrument ID: MSVOA_N Calibration Date(s): 08/05/2025 08/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:37 15:01

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

LAB FILE ID: RRF005 = VN087452.D RRF020 = VN087453.D RRF050 = VN087454.D
RRF100 = VN087455.D RRF150 = VN087456.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Ethyl Acetate	0.745	0.699	0.626	0.699	0.716		0.697	6.3
Isopropyl Acetate	1.228	1.191	1.082	1.201	1.204		1.181	4.8
Acetone	0.421	0.418	0.335	0.356	0.361		0.378	10.3
Methylene Chloride	2.274	2.168	1.887	2.100	2.148		2.115	6.7
1,2-Dichloroethane-d4	2.772	2.838	2.776	2.704	2.746		2.767	1.8
Toluene-d8	1.413	1.382	1.386	1.386	1.336		1.380	2
4-Bromofluorobenzene	0.512	0.520	0.522	0.520	0.508		0.516	1.1
n-amyl Acetate	0.537	0.566	0.572	0.765	0.823		0.652	20.1

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N080525W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Aug 06 02:01:21 2025
Response Via : Initial Calibration

Calibration Files
5 =VN087452.D 20 =VN087453.D 50 =VN087454.D 100 =VN087455.D 150 =VN087456.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------						
2)	M	Dichlorodifluoro...	1.779	2.065	1.842	2.012	2.094	1.959	7.15
3)	M	Chloromethane	1.994	2.165	1.805	1.983	2.101	2.010	6.82
4)	M	Vinyl Chloride	2.092	2.289	1.905	2.161	2.210	2.131	6.82
5)	M	Bromomethane	1.027	1.160	1.070	1.220	1.291	1.154	9.32
6)	M	Chloroethane	1.413	1.441	1.211	1.381	1.427	1.374	6.83
7)	M	Trichlorofluorom...	3.231	3.208	2.715	3.043	3.141	3.067	6.85
8)	T	Diethyl Ether	1.339	1.321	1.158	1.256	1.316	1.278	5.81
9)		1,1,2-Trichlorot...	1.716	1.591	1.388	1.528	1.598	1.564	7.66
10)	M	1,1-Dichloroethene	1.704	1.730	1.440	1.616	1.725	1.643	7.46
11)		Methyl Iodide	0.778	1.076	1.217	1.615	1.782	1.294	31.42
12)		Methyl Acetate	2.942	3.094	2.763	3.128	3.234	3.032	6.05
13)	M	Acrolein	0.460	0.463	0.413	0.467	0.513	0.463	7.62
14)	M	Acrylonitrile	1.353	1.358	1.193	1.335	1.382	1.324	5.68
15)	M	Acetone	0.421	0.418	0.335	0.356	0.361	0.378	10.28
16)	M	Carbon Disulfide	5.413	5.176	4.534	5.095	5.266	5.097	6.60
17)		Allyl chloride	3.346	3.377	3.088	3.403	3.531	3.349	4.83
18)	M	Methylene Chloride	2.274	2.168	1.887	2.100	2.148	2.115	6.75
19)	M	trans-1,2-Dichlo...	2.081	2.014	1.729	1.927	2.019	1.954	7.02
20)	T	Diisopropyl ether	7.680	7.823	6.906	7.782	7.955	7.629	5.46
21)	M	1,1-Dichloroethane	3.979	4.147	3.567	3.949	4.076	3.944	5.70
22)	M	cis-1,2-Dichloro...	2.477	2.499	2.149	2.403	2.493	2.404	6.14
23)	M	tert-Butyl Alcohol	0.606	0.569	0.509	0.558	0.571	0.563	6.23
24)	M	Methyl tert-Buty...	7.611	7.656	6.765	7.529	7.874	7.487	5.65
25)	M	Chloroform	4.236	4.223	3.738	4.105	4.280	4.116	5.37
26)		Cyclohexane	3.153	3.329	2.842	3.205	3.258	3.157	5.95
27)	s	1,2-Dichloroetha...	2.772	2.838	2.776	2.704	2.746	2.767	1.76
28)	I	1,4-Difluorobenzene	----------ISTD----------						
29)		1,1-Dichloropropene	0.518	0.490	0.445	0.495	0.498	0.489	5.50
30)	M	2-Butanone	0.377	0.365	0.334	0.365	0.363	0.361	4.46
31)		2,2-Dichloropropane	0.672	0.638	0.576	0.636	0.632	0.631	5.48
32)	M	1,1,1-Trichloroe...	0.651	0.618	0.571	0.636	0.645	0.624	5.19
33)	M	Carbon Tetrachlo...	0.536	0.520	0.474	0.527	0.535	0.518	4.94
34)	M	Benzene	1.608	1.540	1.410	1.580	1.584	1.545	5.12
35)		Methacrylonitrile	0.409	0.399	0.373	0.382	0.383	0.389	3.77
36)	M	1,2-Dichloroethane	0.661	0.636	0.564	0.626	0.634	0.624	5.77
37)	M	Trichloroethene	0.355	0.345	0.311	0.344	0.346	0.340	4.97
38)		Methylcyclohexane	0.603	0.572	0.512	0.576	0.575	0.568	5.94
39)	M	1,2-Dichloropropane	0.422	0.401	0.358	0.399	0.400	0.396	5.95
40)		Dibromomethane	0.317	0.300	0.269	0.298	0.302	0.297	5.83
41)	M	Bromodichloromet...	0.662	0.606	0.561	0.623	0.634	0.617	6.04
42)	M	Vinyl Acetate	1.222	1.212	1.088	1.205	1.212	1.188	4.74
43)		Ethyl Acetate	0.745	0.699	0.626	0.699	0.716	0.697	6.31
44)		Isopropyl Acetate	1.228	1.191	1.082	1.201	1.204	1.181	4.82
45)	T	1,4-Dioxane	0.008	0.008	0.007	0.007	0.008	0.008	4.20
46)		Methyl methacrylate	0.576	0.558	0.503	0.565	0.585	0.558	5.76
47)		n-amyl Acetate	0.537	0.566	0.572	0.765	0.823	0.652	20.12
48)	M	t-1,3-Dichloropr...	0.676	0.663	0.618	0.700	0.702	0.672	5.10
49)	T	cis-1,3-Dichloro...	0.687	0.664	0.629	0.696	0.704	0.676	4.48
50)	M	1,1,2-Trichloroe...	0.385	0.375	0.344	0.386	0.388	0.375	4.88
51)		Ethyl methacrylate	0.599	0.652	0.624	0.714	0.716	0.661	8.02
52)		1,3-Dichloropropane	0.699	0.678	0.621	0.688	0.696	0.676	4.70
53)	M	Dibromochloromet...	0.427	0.424	0.402	0.455	0.460	0.434	5.49
54)	M	1,2-Dibromoethane	0.401	0.400	0.364	0.414	0.413	0.399	5.12
55)	M	2-Chloroethyl vi...	0.373	0.349	0.321	0.345	0.353	0.348	5.40
56)	M	Bromoform	0.268	0.276	0.268	0.310	0.312	0.287	7.82

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 624N080525W.M

57)	I	Chlorobenzene-d5	----------ISTD----------						
58)	M	4-Methyl-2-Penta...	0.813	0.802	0.713	0.780	0.751	0.772	5.27
59)	M	2-Hexanone	0.484	0.527	0.504	0.561	0.545	0.524	5.95
60)	S	4-Bromofluoroben...	0.512	0.520	0.522	0.520	0.508	0.516	1.14
61)	M	Tetrachloroethene	0.320	0.292	0.270	0.290	0.289	0.292	6.10
62)	M	Toluene	1.975	1.905	1.689	1.854	1.835	1.852	5.70
63)	S	Toluene-d8	1.413	1.382	1.386	1.386	1.336	1.380	2.02
64)	M	Chlorobenzene	1.218	1.156	1.030	1.149	1.135	1.138	5.97
65)		1,1,1,2-Tetrachl...	0.431	0.404	0.364	0.405	0.396	0.400	5.99
66)	M	Ethyl Benzene	2.154	2.115	1.892	2.094	2.064	2.064	4.92
67)	M	m/p-Xylenes	0.796	0.768	0.702	0.768	0.753	0.758	4.55
68)	M	o-Xylene	0.791	0.754	0.681	0.756	0.745	0.745	5.38
69)	M	Styrene	1.257	1.295	1.182	1.323	1.307	1.273	4.43
70)		Isopropylbenzene	1.938	1.936	1.729	1.947	1.916	1.893	4.88
71)	M	1,1,2,2-Tetrachl...	0.692	0.679	0.590	0.654	0.628	0.649	6.28
72)		1,2,3-Trichlorop...	0.631	0.567	0.582	0.629	0.613	0.604	4.77
73)		Bromobenzene	0.468	0.440	0.398	0.451	0.438	0.439	5.88
74)		n-propylbenzene	2.495	2.410	2.165	2.415	2.338	2.365	5.27
75)		2-Chlorotoluene	1.570	1.484	1.328	1.466	1.424	1.455	6.07
76)		1,3,5-Trimethylb...	1.705	1.661	1.495	1.646	1.599	1.621	4.93
77)		t-1,4-Dichloro-2...	0.192	0.216	0.220	0.261	0.256	0.229	12.71
78)		4-Chlorotoluene	1.549	1.474	1.362	1.513	1.472	1.474	4.77
79)		tert-butylbenzene	1.443	1.398	1.266	1.395	1.332	1.367	5.03
80)		1,2,4-Trimethylb...	1.672	1.639	1.511	1.667	1.611	1.620	4.05
81)		sec-Butylbenzene	2.093	2.047	1.849	2.015	1.944	1.990	4.80
82)		p-Isopropyltoluene	1.761	1.692	1.528	1.670	1.610	1.652	5.32
83)	M	1,3-Dichlorobenzene	0.874	0.853	0.777	0.847	0.828	0.836	4.37
84)	M	1,4-Dichlorobenzene	0.884	0.870	0.790	0.858	0.835	0.847	4.35
85)		n-Butylbenzene	1.647	1.662	1.513	1.658	1.602	1.616	3.89
86)	T	Hexachloroethane	0.327	0.326	0.300	0.334	0.327	0.323	4.07
87)	M	1,2-Dichlorobenzene	0.812	0.819	0.750	0.814	0.794	0.798	3.56
88)		1,2-Dibromo-3-Ch...	0.173	0.170	0.149	0.166	0.164	0.164	5.70
89)		1,2,4-Trichlorob...	0.495	0.478	0.435	0.486	0.490	0.477	5.05
90)		Hexachlorobutadiene	0.222	0.189	0.165	0.177	0.174	0.185	11.79
91)	M	Naphthalene	1.807	1.840	1.675	1.885	1.883	1.818	4.73
92)		1,2,3-Trichlorob...	0.495	0.478	0.435	0.486	0.490	0.477	5.05

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087452.D
Acq On : 05 Aug 2025 13:37
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:26:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.794	128	66791	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	367765	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	324158	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	185120	30.050	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%				
60) 4-Bromofluorobenzene	12.829	95	166050	29.766	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.233%				
63) Toluene-d8	10.547	98	457922	30.702	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.333%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	19809	4.543	ug/l		97
3) Chloromethane	2.383	50	22193	4.960	ug/l		98
4) Vinyl Chloride	2.542	62	23292	4.908	ug/l		93
5) Bromomethane	2.977	94	11433	4.451	ug/l		96
6) Chloroethane	3.136	64	15730	5.141	ug/l		96
7) Trichlorofluoromethane	3.500	101	35964	5.266	ug/l	#	81
8) Diethyl Ether	3.965	74	14911	5.241	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.359	101	19105	5.486	ug/l		63
10) 1,1-Dichloroethene	4.342	96	18969	5.185	ug/l		96
11) Methyl Iodide	4.583	142	8659m	3.021	ug/l		
12) Methyl Acetate	5.024	43	32749	4.851	ug/l	#	91
13) Acrolein	4.183	56	25602	24.838	ug/l		92
14) Acrylonitrile	5.706	53	75304	25.546	ug/l		99
15) Acetone	4.424	58	23455	27.848	ug/l		88
16) Carbon Disulfide	4.706	76	60257	5.310	ug/l		100
17) Allyl chloride	5.018	41	37245	4.995	ug/l		91
18) Methylene Chloride	5.265	84	25316	5.377	ug/l		87
19) trans-1,2-Dichloroethene	5.777	96	23167m	5.326	ug/l		
20) Diisopropyl ether	6.659	45	85498	5.036	ug/l	#	98
21) 1,1-Dichloroethane	6.553	63	44299	5.045	ug/l		99
22) cis-1,2-Dichloroethene	7.465	96	27569	5.151	ug/l	#	88
23) tert-Butyl Alcohol	5.524	59	33736	26.933	ug/l	#	100
24) Methyl tert-Butyl Ether	5.783	73	84726	5.083	ug/l	#	69
25) Chloroform	7.947	83	47159	5.146	ug/l		98
26) Cyclohexane	8.241	56	35104	4.994	ug/l	#	93
29) 1,1-Dichloropropene	8.353	75	31744	5.292	ug/l		92
30) 2-Butanone	7.471	43	115688	26.165	ug/l	#	83
31) 2,2-Dichloropropane	7.471	77	41219	5.328	ug/l	#	61
32) 1,1,1-Trichloroethane	8.153	97	39911	5.217	ug/l		99
33) Carbon Tetrachloride	8.341	117	32877	5.173	ug/l		96
34) Benzene	8.582	78	98586	5.207	ug/l	#	81
35) Methacrylonitrile	7.771	41	25099	5.260	ug/l		93
36) 1,2-Dichloroethane	8.647	62	40495	5.291	ug/l		97
37) Trichloroethene	9.335	130	21742	5.213	ug/l		92
38) Methylcyclohexane	9.577	83	36974	5.313	ug/l		98
39) 1,2-Dichloropropane	9.600	63	25889	5.333	ug/l		91
40) Dibromomethane	9.688	93	19402	5.327	ug/l		99
41) Bromodichloromethane	9.871	83	40582	5.362	ug/l	#	95
42) Vinyl Acetate	6.594	43	374548	25.723	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087452.D
Acq On : 05 Aug 2025 13:37
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:26:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.553	43	45639m	5.423	ug/l		
44) Isopropyl Acetate	8.677	43	75250	5.197	ug/l		98
45) 1,4-Dioxane	9.682	88	9597	103.972	ug/l	#	85
46) Methyl methacrylate	9.665	41	35322	5.168	ug/l		98
47) n-amyl Acetate	12.682	43	32939m	4.524	ug/l		
48) t-1,3-Dichloropropene	10.818	75	41412	5.029	ug/l		95
49) cis-1,3-Dichloropropene	10.294	75	42124	5.083	ug/l	#	94
50) 1,1,2-Trichloroethane	10.994	97	23578	5.123	ug/l		93
51) Ethyl methacrylate	10.859	69	36705	4.529	ug/l		97
52) 1,3-Dichloropropane	11.141	76	42828	5.166	ug/l		97
53) Dibromochloromethane	11.341	129	26196	4.929	ug/l		95
54) 1,2-Dibromoethane	11.447	107	24555	5.026	ug/l		97
55) 2-Chloroethyl vinyl ether	10.141	63	114298	26.788	ug/l		99
56) Bromoform	12.559	173	16434	4.675	ug/l	#	78
58) 4-Methyl-2-Pentanone	10.424	43	219603	26.335	ug/l		99
59) 2-Hexanone	11.182	43	130616	23.053	ug/l		99
61) Tetrachloroethene	11.082	164	17278	5.471	ug/l		92
62) Toluene	10.612	91	106690	5.333	ug/l		100
64) Chlorobenzene	11.871	112	65821	5.354	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.941	131	23260	5.381	ug/l		98
66) Ethyl Benzene	11.947	91	116379	5.219	ug/l		97
67) m/p-Xylenes	12.053	106	85967	10.503	ug/l		96
68) o-Xylene	12.376	106	42724	5.306	ug/l		95
69) Styrene	12.394	104	67893	4.938	ug/l		97
70) Isopropylbenzene	12.676	105	104723	5.119	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.918	83	37401	5.336	ug/l		97
72) 1,2,3-Trichloropropane	12.976	75	34102m	4.733	ug/l		
73) Bromobenzene	12.959	156	25284	5.331	ug/l		94
74) n-propylbenzene	13.018	91	134786	5.275	ug/l		99
75) 2-Chlorotoluene	13.106	91	84827	5.397	ug/l		95
76) 1,3,5-Trimethylbenzene	13.153	105	92128	5.259	ug/l		100
77) t-1,4-Dichloro-2-butene	12.718	75	10355	4.189	ug/l		79
78) 4-Chlorotoluene	13.200	91	83697	5.255	ug/l		98
79) tert-butylbenzene	13.417	119	77933	5.277	ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	90309	5.159	ug/l		100
81) sec-Butylbenzene	13.594	105	113073	5.259	ug/l		97
82) p-Isopropyltoluene	13.706	119	95127	5.329	ug/l		99
83) 1,3-Dichlorobenzene	13.717	146	47197	5.226	ug/l		96
84) 1,4-Dichlorobenzene	13.788	146	47756	5.216	ug/l		97
85) n-Butylbenzene	14.035	91	89004	5.096	ug/l		99
86) Hexachloroethane	14.312	117	17680	5.072	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	43857	5.087	ug/l		96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	9336	5.257	ug/l		98
89) 1,2,4-Trichlorobenzene	15.811	180	26729	5.188	ug/l		98
90) Hexachlorobutadiene	15.470	225	11972	5.976	ug/l		80
91) Naphthalene	15.617	128	97646	4.971	ug/l		98
92) 1,2,3-Trichlorobenzene	15.811	180	26729	5.188	ug/l		98

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

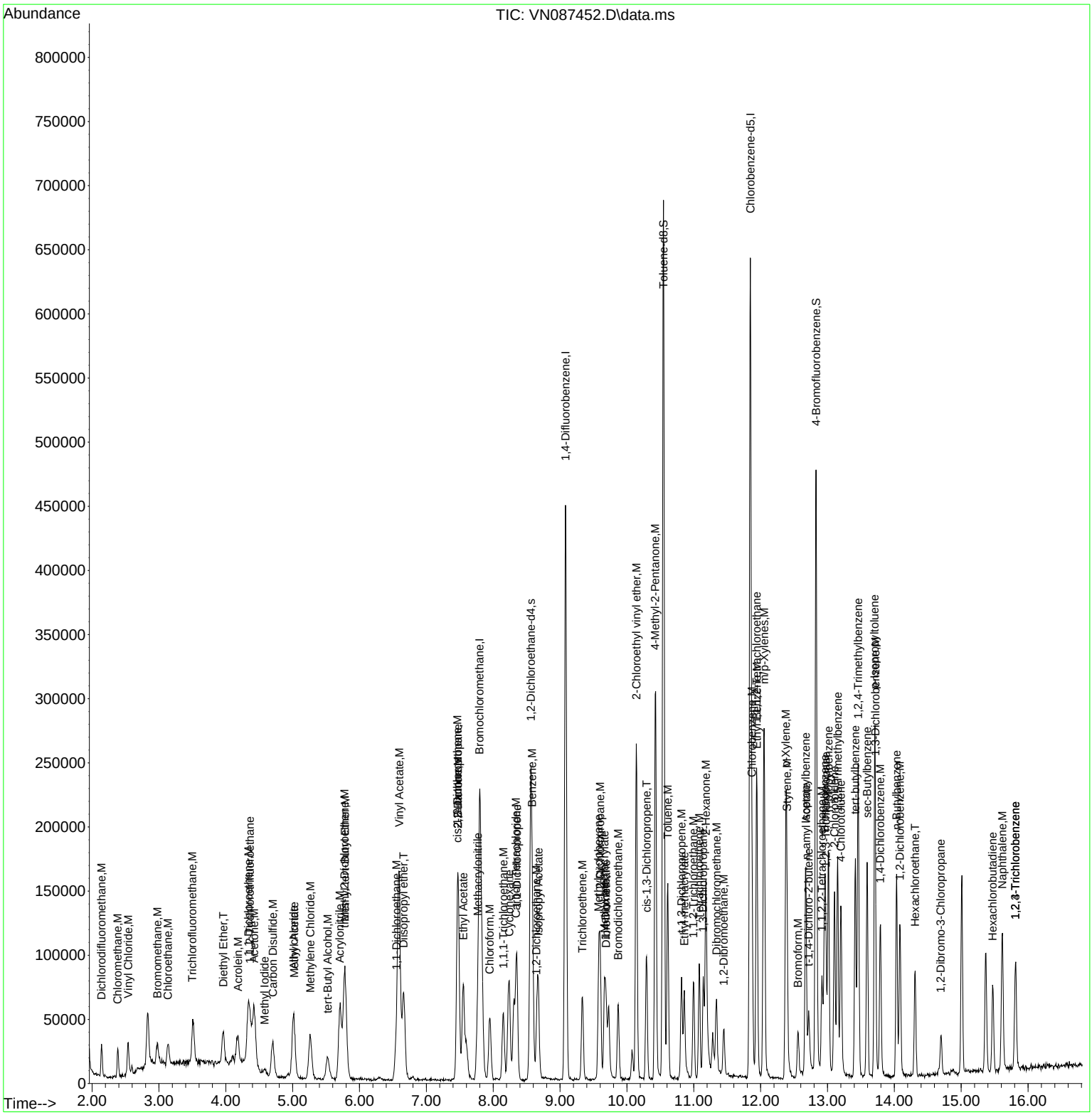
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087452.D
Acq On : 05 Aug 2025 13:37
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 01:26:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087453.D
Acq On : 05 Aug 2025 13:58
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:27:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	64218	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	367115	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	327914	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	182238	30.767	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.567%			
60) 4-Bromofluorobenzene	12.829	95	170429	30.201	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.667%			
63) Toluene-d8	10.547	98	453121	30.032	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	88427	21.090	ug/l	100
3) Chloromethane	2.383	50	92684	21.546	ug/l	100
4) Vinyl Chloride	2.542	62	97984	21.476	ug/l	100
5) Bromomethane	2.983	94	49674	20.114	ug/l	100
6) Chloroethane	3.142	64	61674	20.963	ug/l	100
7) Trichlorofluoromethane	3.512	101	137336	20.915	ug/l	100
8) Diethyl Ether	3.965	74	56555	20.674	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	68121	20.344	ug/l	100
10) 1,1-Dichloroethene	4.336	96	74078	21.062	ug/l	100
11) Methyl Iodide	4.589	142	46084m	16.723	ug/l	
12) Methyl Acetate	5.018	43	132440	20.405	ug/l	100
13) Acrolein	4.171	56	99154	100.048	ug/l	99
14) Acrylonitrile	5.712	53	290627	102.544	ug/l	100
15) Acetone	4.418	58	89398	110.396	ug/l	100
16) Carbon Disulfide	4.700	76	221586	20.310	ug/l	100
17) Allyl chloride	5.012	41	144593	20.170	ug/l	100
18) Methylene Chloride	5.271	84	92808m	20.501	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	86216	20.613	ug/l	100
20) Diisopropyl ether	6.665	45	334922	20.517	ug/l	100
21) 1,1-Dichloroethane	6.553	63	177532	21.030	ug/l	100
22) cis-1,2-Dichloroethene	7.471	96	106998	20.791	ug/l	100
23) tert-Butyl Alcohol	5.518	59	121824	101.156	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	327775	20.452	ug/l	100
25) Chloroform	7.947	83	180797	20.518	ug/l	100
26) Cyclohexane	8.241	56	142519	21.086	ug/l	100
29) 1,1-Dichloropropene	8.353	75	120007	20.042	ug/l	100
30) 2-Butanone	7.471	43	446235	101.104	ug/l	100
31) 2,2-Dichloropropane	7.471	77	156255	20.233	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	151297	19.812	ug/l	100
33) Carbon Tetrachloride	8.341	117	127325	20.070	ug/l	100
34) Benzene	8.588	78	377003	19.946	ug/l	100
35) Methacrylonitrile	7.765	41	97561	20.484	ug/l	100
36) 1,2-Dichloroethane	8.653	62	155656	20.373	ug/l	100
37) Trichloroethene	9.335	130	84369	20.264	ug/l	100
38) Methylcyclohexane	9.582	83	139951	20.147	ug/l	100
39) 1,2-Dichloropropane	9.600	63	98038	20.230	ug/l	100
40) Dibromomethane	9.688	93	73356	20.175	ug/l	100
41) Bromodichloromethane	9.871	83	148435	19.646	ug/l	100
42) Vinyl Acetate	6.588	43	1483194	102.044	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087453.D
Acq On : 05 Aug 2025 13:58
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:27:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	170967m	20.349	ug/l	
44) Isopropyl Acetate	8.677	43	291509	20.169	ug/l	100
45) 1,4-Dioxane	9.677	88	37910	411.437	ug/l	100
46) Methyl methacrylate	9.665	41	136612	20.024	ug/l	100
47) n-amyl Acetate	12.529	43	138459m	19.052	ug/l	
48) t-1,3-Dichloropropene	10.818	75	162191	19.732	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	162479	19.641	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	91845	19.993	ug/l	100
51) Ethyl methacrylate	10.853	69	159690	19.738	ug/l	100
52) 1,3-Dichloropropane	11.141	76	165895	20.044	ug/l	100
53) Dibromochloromethane	11.341	129	103790	19.563	ug/l	100
54) 1,2-Dibromoethane	11.447	107	97894	20.073	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	426876	100.225	ug/l	100
56) Bromoform	12.559	173	67550	19.250	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	876419	103.897	ug/l	100
59) 2-Hexanone	11.182	43	576264	100.543	ug/l	100
61) Tetrachloroethene	11.082	164	63867	19.992	ug/l	100
62) Toluene	10.612	91	416382	20.573	ug/l	100
64) Chlorobenzene	11.871	112	252716	20.321	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	88390	20.216	ug/l	100
66) Ethyl Benzene	11.941	91	462372	20.497	ug/l	100
67) m/p-Xylenes	12.047	106	335952	40.573	ug/l	100
68) o-Xylene	12.376	106	164778	20.228	ug/l	100
69) Styrene	12.394	104	283102	20.353	ug/l	100
70) Isopropylbenzene	12.670	105	423292	20.453	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	148347	20.920	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	123856m	16.992	ug/l	
73) Bromobenzene	12.959	156	96161	20.043	ug/l	100
74) n-propylbenzene	13.012	91	526811	20.382	ug/l	100
75) 2-Chlorotoluene	13.106	91	324478	20.409	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	363042	20.488	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	47119	18.843	ug/l	100
78) 4-Chlorotoluene	13.200	91	322316	20.005	ug/l	100
79) tert-butylbenzene	13.417	119	305702	20.462	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	358349	20.238	ug/l	100
81) sec-Butylbenzene	13.594	105	447541	20.577	ug/l	100
82) p-Isopropyltoluene	13.706	119	369955	20.486	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	186482	20.412	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	190232	20.538	ug/l	100
85) n-Butylbenzene	14.035	91	363428	20.569	ug/l	100
86) Hexachloroethane	14.312	117	71198	20.189	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	179117	20.539	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.694	75	37135	20.672	ug/l	100
89) 1,2,4-Trichlorobenzene	15.811	180	104426	20.037	ug/l	100
90) Hexachlorobutadiene	15.476	225	41238	20.349	ug/l	100
91) Naphthalene	15.611	128	402240	20.241	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	104426	20.037	ug/l	100

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

ICAL Form

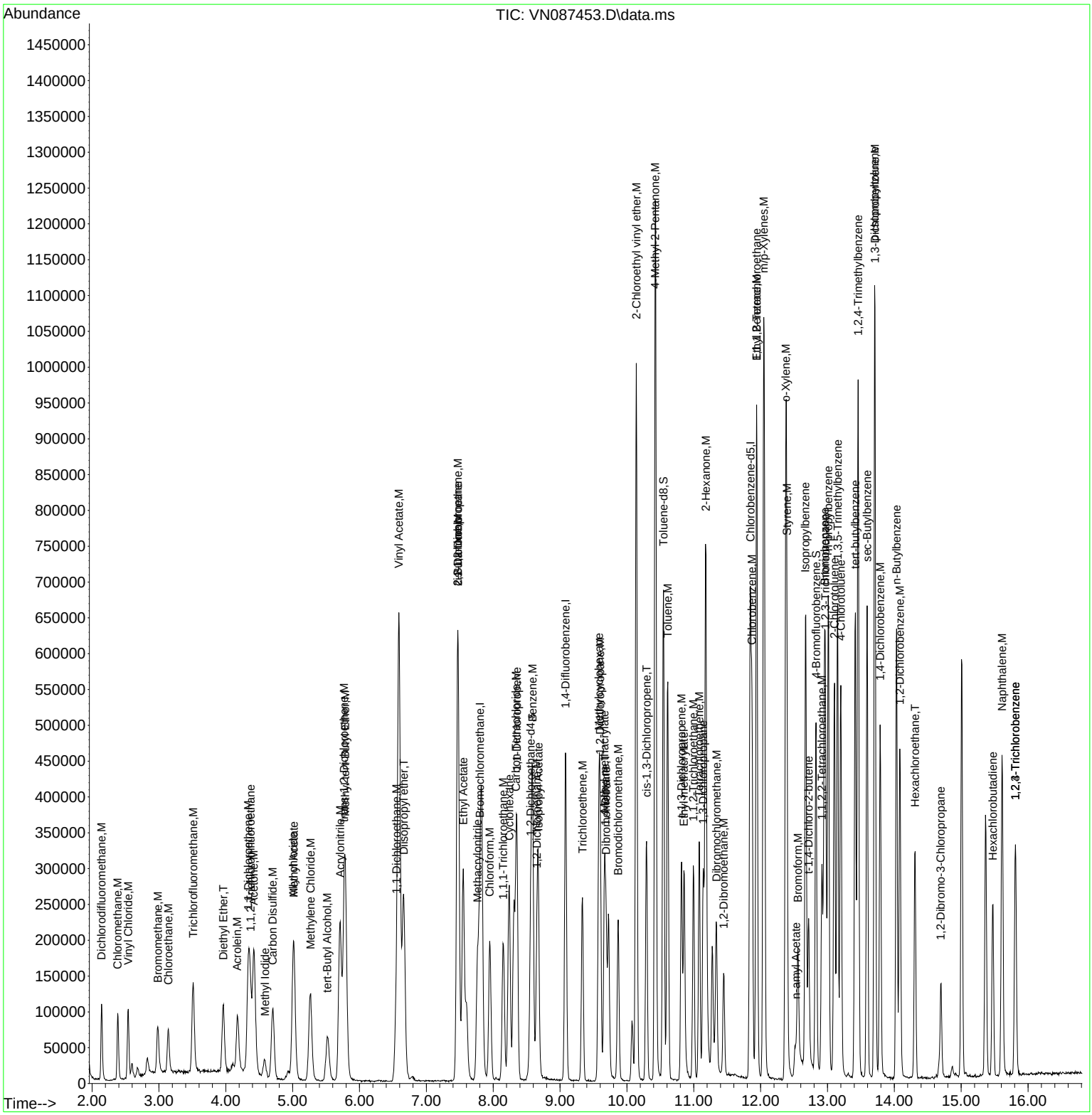
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087453.D
Acq On : 05 Aug 2025 13:58
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 01:27:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087454.D
Acq On : 05 Aug 2025 14:19
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:28:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	76249	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	418905	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	385657	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	211654	30.095	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.333%			
60) 4-Bromofluorobenzene	12.829	95	201264	30.325	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.067%			
63) Toluene-d8	10.547	98	534559	30.124	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	234078	47.020	ug/l	97
3) Chloromethane	2.383	50	229410	44.915	ug/l	98
4) Vinyl Chloride	2.542	62	242082	44.687	ug/l	93
5) Bromomethane	2.977	94	136035	46.393	ug/l	84
6) Chloroethane	3.136	64	153939	44.067	ug/l	98
7) Trichlorofluoromethane	3.506	101	344998	44.251	ug/l	96
8) Diethyl Ether	3.959	74	147110	45.292	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	176341	44.354	ug/l	88
10) 1,1-Dichloroethene	4.336	96	182951	43.809	ug/l	94
11) Methyl Iodide	4.577	142	154678	47.274	ug/l	99
12) Methyl Acetate	5.012	43	351071	45.556	ug/l	98
13) Acrolein	4.177	56	262498	223.074	ug/l	96
14) Acrylonitrile	5.706	53	757874	225.213	ug/l	100
15) Acetone	4.424	58	212947	221.472	ug/l	95
16) Carbon Disulfide	4.700	76	576164	44.477	ug/l	98
17) Allyl chloride	5.012	41	392451	46.106	ug/l	97
18) Methylene Chloride	5.265	84	239778	44.610	ug/l	97
19) trans-1,2-Dichloroethene	5.771	96	219724	44.245	ug/l	98
20) Diisopropyl ether	6.659	45	877578	45.278	ug/l	96
21) 1,1-Dichloroethane	6.553	63	453264	45.221	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	273116	44.697	ug/l	99
23) tert-Butyl Alcohol	5.518	59	323387	226.154	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	859723	45.179	ug/l	99
25) Chloroform	7.947	83	475045	45.405	ug/l	98
26) Cyclohexane	8.241	56	361178	45.006	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	310679	45.472	ug/l	97
30) 2-Butanone	7.471	43	1165660	231.454	ug/l	99
31) 2,2-Dichloropropane	7.471	77	402451	45.671	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	398348	45.714	ug/l	97
33) Carbon Tetrachloride	8.347	117	330997	45.723	ug/l	98
34) Benzene	8.588	78	984335	45.639	ug/l	99
35) Methacrylonitrile	7.765	41	260104	47.860	ug/l	99
36) 1,2-Dichloroethane	8.653	62	393795	45.169	ug/l	98
37) Trichloroethene	9.335	130	217082	45.693	ug/l	95
38) Methylcyclohexane	9.582	83	357253	45.072	ug/l	99
39) 1,2-Dichloropropane	9.600	63	249627	45.142	ug/l	97
40) Dibromomethane	9.688	93	187857	45.278	ug/l	97
41) Bromodichloromethane	9.871	83	391953	45.463	ug/l	98
42) Vinyl Acetate	6.589	43	3796699	228.920	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087454.D
Acq On : 05 Aug 2025 14:19
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:28:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	436753	45.558	ug/l		96
44) Isopropyl Acetate	8.677	43	755567	45.813	ug/l		99
45) 1,4-Dioxane	9.682	88	98035	932.433	ug/l		97
46) Methyl methacrylate	9.665	41	351323	45.128	ug/l		98
47) n-amyl Acetate	12.494	43	399157m	48.133	ug/l		
48) t-1,3-Dichloropropene	10.818	75	431587	46.014	ug/l		98
49) cis-1,3-Dichloropropene	10.294	75	439121	46.521	ug/l		96
50) 1,1,2-Trichloroethane	10.994	97	240010	45.786	ug/l		98
51) Ethyl methacrylate	10.853	69	435415	47.164	ug/l		97
52) 1,3-Dichloropropane	11.141	76	433869	45.941	ug/l		98
53) Dibromochloromethane	11.335	129	280542	46.341	ug/l		100
54) 1,2-Dibromoethane	11.447	107	254243	45.688	ug/l		98
55) 2-Chloroethyl vinyl ether	10.141	63	1118997	230.244	ug/l		100
56) Bromoform	12.559	173	186820	46.656	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.424	43	2290380	230.864	ug/l		99
59) 2-Hexanone	11.177	43	1620747	240.439	ug/l		100
61) Tetrachloroethene	11.082	164	173500	46.177	ug/l		93
62) Toluene	10.612	91	1085878	45.620	ug/l		99
64) Chlorobenzene	11.871	112	662306	45.283	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.935	131	233942	45.493	ug/l		98
66) Ethyl Benzene	11.941	91	1215937	45.832	ug/l		98
67) m/p-Xylenes	12.047	106	902756	92.702	ug/l		97
68) o-Xylene	12.376	106	437515	45.667	ug/l		99
69) Styrene	12.388	104	759493	46.428	ug/l		99
70) Isopropylbenzene	12.676	105	1111500	45.666	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.918	83	379527	45.508	ug/l		99
72) 1,2,3-Trichloropropane	12.970	75	374092m	43.638	ug/l		
73) Bromobenzene	12.959	156	255773	45.330	ug/l		99
74) n-propylbenzene	13.012	91	1391658	45.781	ug/l		99
75) 2-Chlorotoluene	13.106	91	853763	45.659	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	961117	46.118	ug/l		100
77) t-1,4-Dichloro-2-butene	12.718	75	141496	48.111	ug/l		93
78) 4-Chlorotoluene	13.200	91	875292	46.192	ug/l		99
79) tert-butylbenzene	13.418	119	813723	46.311	ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	971243	46.640	ug/l		100
81) sec-Butylbenzene	13.594	105	1188558	46.465	ug/l		100
82) p-Isopropyltoluene	13.706	119	982310	46.251	ug/l		100
83) 1,3-Dichlorobenzene	13.712	146	499720	46.509	ug/l		100
84) 1,4-Dichlorobenzene	13.788	146	507658	46.603	ug/l		99
85) n-Butylbenzene	14.035	91	972192	46.785	ug/l		99
86) Hexachloroethane	14.312	117	192686	46.458	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	482093	47.005	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	95570	45.236	ug/l		95
89) 1,2,4-Trichlorobenzene	15.811	180	279770	45.643	ug/l		99
90) Hexachlorobutadiene	15.476	225	106360	44.624	ug/l		97
91) Naphthalene	15.611	128	1076915	46.078	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	279770	45.643	ug/l		99

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

ICAL Form

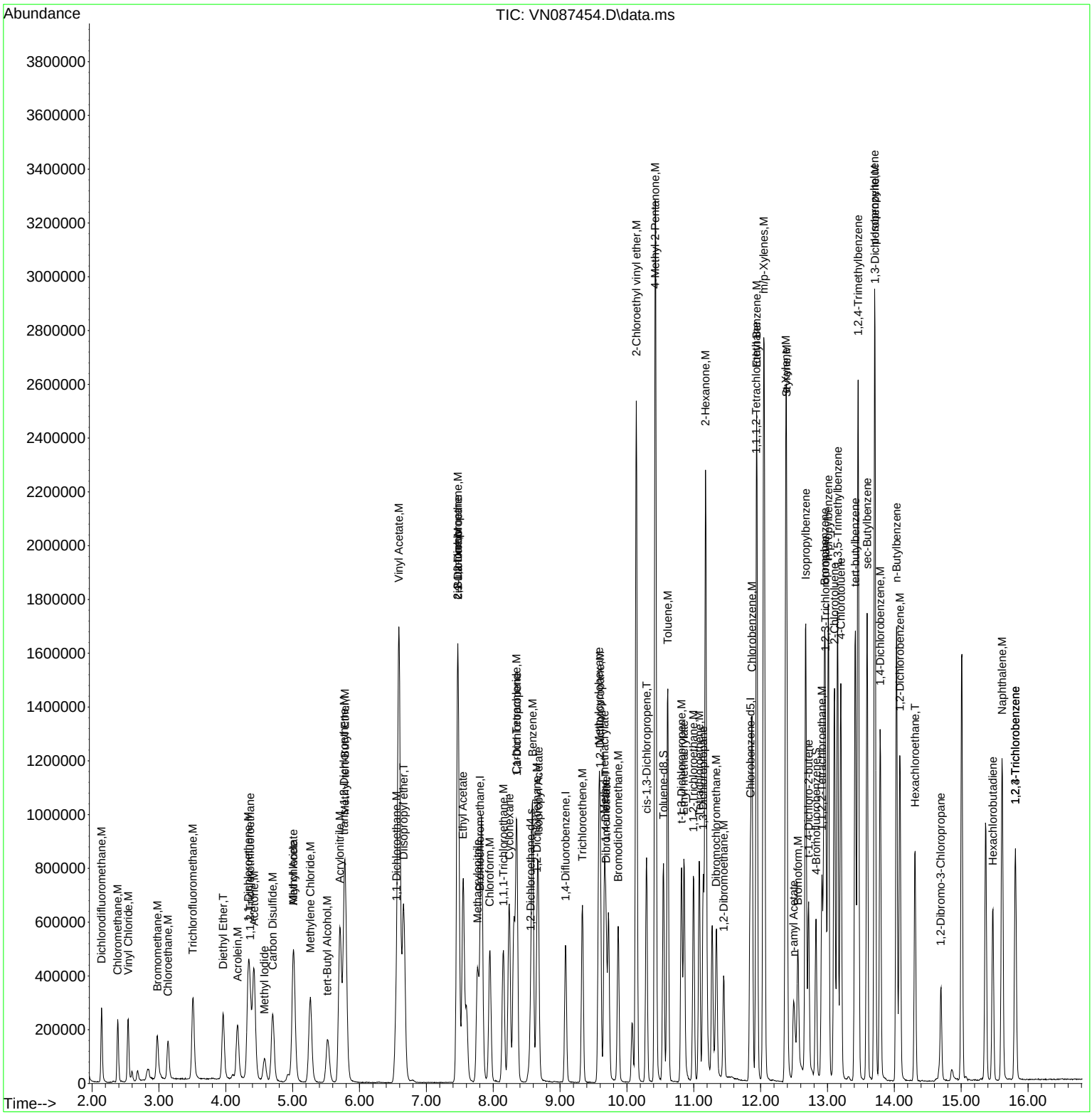
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087454.D
Acq On : 05 Aug 2025 14:19
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 06 01:28:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087455.D
Acq On : 05 Aug 2025 14:40
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	70635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	389326	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	359656	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	191012	29.319	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.733%			
60) 4-Bromofluorobenzene	12.829	95	186862	30.190	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.633%			
63) Toluene-d8	10.547	98	498338	30.114	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	473762	102.730	ug/l	97
3) Chloromethane	2.383	50	466952	98.689	ug/l	99
4) Vinyl Chloride	2.536	62	508879	101.402	ug/l	97
5) Bromomethane	2.959	94	287163	105.716	ug/l	87
6) Chloroethane	3.130	64	325044	100.444	ug/l	99
7) Trichlorofluoromethane	3.506	101	716379	99.189	ug/l	99
8) Diethyl Ether	3.959	74	295673	98.265	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	359828	97.700	ug/l	88
10) 1,1-Dichloroethene	4.330	96	380598	98.381	ug/l	98
11) Methyl Iodide	4.577	142	380217	125.440	ug/l	91
12) Methyl Acetate	5.012	43	736494	103.164	ug/l	97
13) Acrolein	4.171	56	549240	503.847	ug/l	99
14) Acrylonitrile	5.706	53	1571651	504.158	ug/l	100
15) Acetone	4.424	58	418923	470.323	ug/l	93
16) Carbon Disulfide	4.700	76	1199576	99.962	ug/l	100
17) Allyl chloride	5.012	41	801152	101.602	ug/l	95
18) Methylene Chloride	5.265	84	494371	99.285	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	453658	98.611	ug/l	93
20) Diisopropyl ether	6.659	45	1832338	102.051	ug/l	98
21) 1,1-Dichloroethane	6.553	63	929854	100.142	ug/l	99
22) cis-1,2-Dichloroethene	7.477	96	565755	99.948	ug/l	99
23) tert-Butyl Alcohol	5.530	59	656761	495.796	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	1772627	100.557	ug/l	99
25) Chloroform	7.947	83	966531	99.723	ug/l	100
26) Cyclohexane	8.241	56	754564	101.498	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	642951	101.253	ug/l	98
30) 2-Butanone	7.471	43	2366356	505.563	ug/l	100
31) 2,2-Dichloropropane	7.477	77	825382	100.781	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	825110	101.882	ug/l	96
33) Carbon Tetrachloride	8.341	117	683314	101.563	ug/l	97
34) Benzene	8.588	78	2050407	102.292	ug/l	97
35) Methacrylonitrile	7.765	41	495672	98.134	ug/l	97
36) 1,2-Dichloroethane	8.653	62	812745	100.306	ug/l	100
37) Trichloroethene	9.335	130	446892	101.212	ug/l	94
38) Methylcyclohexane	9.582	83	747573	101.482	ug/l	98
39) 1,2-Dichloropropane	9.600	63	518393	100.868	ug/l	95
40) Dibromomethane	9.688	93	386489	100.231	ug/l	96
41) Bromodichloromethane	9.871	83	808690	100.928	ug/l	98
42) Vinyl Acetate	6.588	43	7820160	507.335	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087455.D
Acq On : 05 Aug 2025 14:40
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	907628	101.868	ug/l		97
44) Isopropyl Acetate	8.677	43	1558470	101.675	ug/l		99
45) 1,4-Dioxane	9.682	88	194002	1985.385	ug/l		96
46) Methyl methacrylate	9.665	41	732745	101.273	ug/l		92
47) n-amyl Acetate	12.488	43	992295	128.748	ug/l	#	60
48) t-1,3-Dichloropropene	10.818	75	908224	104.188	ug/l		100
49) cis-1,3-Dichloropropene	10.294	75	903230	102.958	ug/l		97
50) 1,1,2-Trichloroethane	11.000	97	500440	102.720	ug/l		96
51) Ethyl methacrylate	10.853	69	926992	108.040	ug/l		97
52) 1,3-Dichloropropane	11.141	76	892266	101.657	ug/l		98
53) Dibromochloromethane	11.341	129	590310	104.918	ug/l		100
54) 1,2-Dibromoethane	11.447	107	537806	103.987	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	2236990	495.251	ug/l		99
56) Bromoform	12.559	173	402717	108.214	ug/l	#	98
58) 4-Methyl-2-Pentanone	10.429	43	4678202	505.641	ug/l		99
59) 2-Hexanone	11.176	43	3365074	535.301	ug/l		100
61) Tetrachloroethene	11.082	164	347945	99.301	ug/l		97
62) Toluene	10.612	91	2222660	100.129	ug/l		100
64) Chlorobenzene	11.870	112	1377291	100.975	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.941	131	486095	101.362	ug/l		98
66) Ethyl Benzene	11.941	91	2510073	101.451	ug/l		97
67) m/p-Xylenes	12.047	106	1841924	202.817	ug/l		99
68) o-Xylene	12.376	106	906317	101.440	ug/l		100
69) Styrene	12.388	104	1585501	103.928	ug/l		99
70) Isopropylbenzene	12.676	105	2334192	102.833	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.917	83	784278	100.840	ug/l		100
72) 1,2,3-Trichloropropane	12.970	75	753853m	94.296	ug/l		
73) Bromobenzene	12.959	156	540169	102.653	ug/l		98
74) n-propylbenzene	13.012	91	2895579	102.142	ug/l		100
75) 2-Chlorotoluene	13.106	91	1757134	100.765	ug/l		98
76) 1,3,5-Trimethylbenzene	13.153	105	1972967	101.515	ug/l		99
77) t-1,4-Dichloro-2-butene	12.717	75	312541	113.952	ug/l		92
78) 4-Chlorotoluene	13.200	91	1813669	102.633	ug/l		98
79) tert-butylbenzene	13.417	119	1672735	102.082	ug/l		98
80) 1,2,4-Trimethylbenzene	13.459	105	1998320	102.898	ug/l		100
81) sec-Butylbenzene	13.594	105	2416128	101.283	ug/l		100
82) p-Isopropyltoluene	13.706	119	2001765	101.064	ug/l		100
83) 1,3-Dichlorobenzene	13.711	146	1015919	101.387	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	1028636	101.255	ug/l		99
85) n-Butylbenzene	14.035	91	1987536	102.562	ug/l		98
86) Hexachloroethane	14.311	117	399888	103.386	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	976220	102.064	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	199216	101.112	ug/l		95
89) 1,2,4-Trichlorobenzene	15.811	180	582952	101.981	ug/l		100
90) Hexachlorobutadiene	15.476	225	212184	95.460	ug/l		95
91) Naphthalene	15.611	128	2259551	103.669	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	582952	101.981	ug/l		100

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

ICAL Form

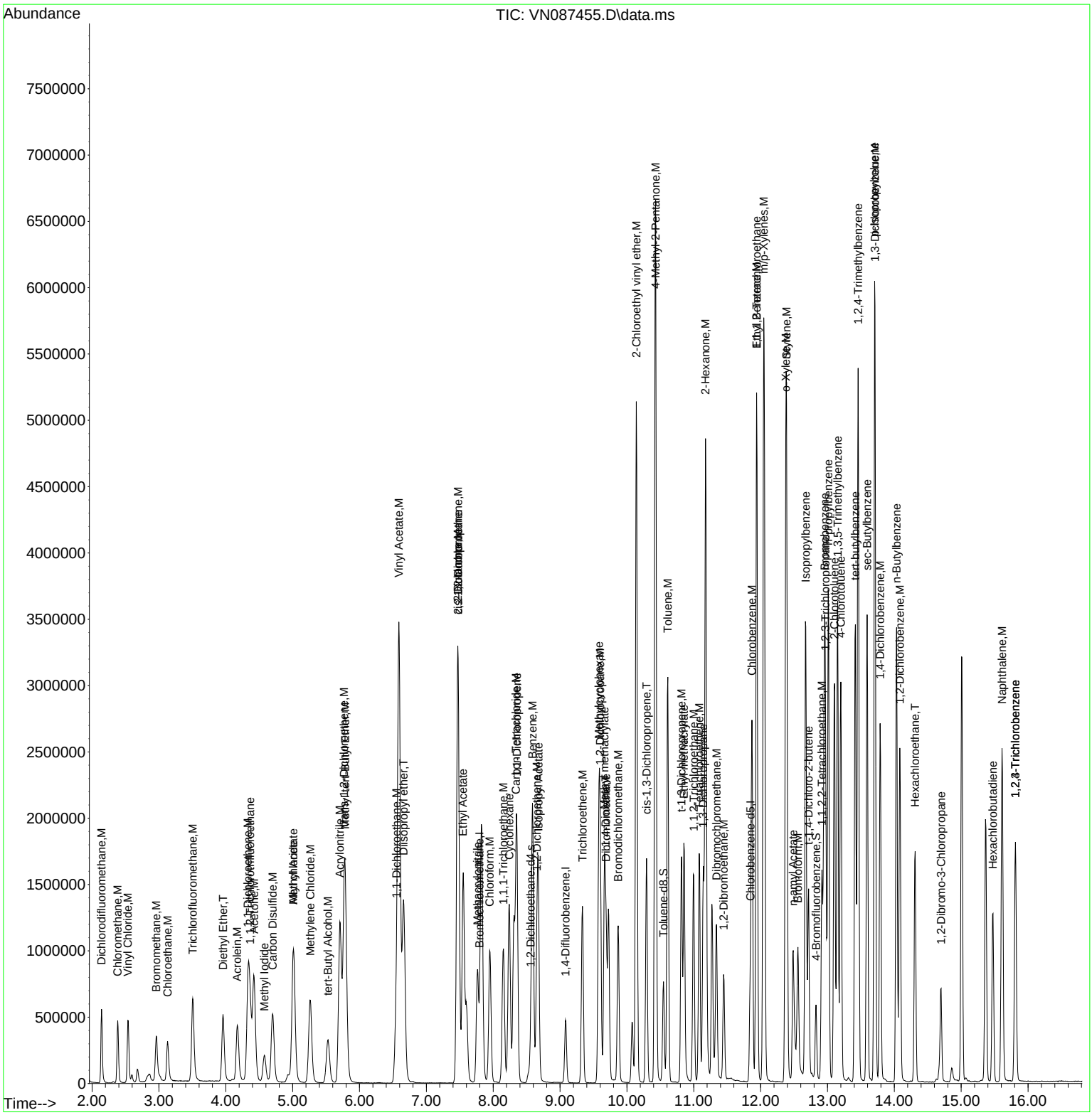
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087455.D
Acq On : 05 Aug 2025 14:40
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 06 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087456.D
Acq On : 05 Aug 2025 15:01
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 01:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	69078	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	387583	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	364557	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	189674	29.770	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.233%			
60) 4-Bromofluorobenzene	12.829	95	185190	29.518	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.400%			
63) Toluene-d8	10.547	98	486934	29.029	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	723378	160.391	ug/l	98
3) Chloromethane	2.383	50	725628	156.816	ug/l	99
4) Vinyl Chloride	2.542	62	763252	155.517	ug/l	98
5) Bromomethane	2.948	94	445899	167.854	ug/l	88
6) Chloroethane	3.124	64	492727	155.693	ug/l	98
7) Trichlorofluoromethane	3.506	101	1085005	153.614	ug/l	95
8) Diethyl Ether	3.959	74	454480	154.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	551904	153.229	ug/l	90
10) 1,1-Dichloroethene	4.330	96	595776	157.473	ug/l	97
11) Methyl Iodide	4.577	142	615618	207.681	ug/l	96
12) Methyl Acetate	5.012	43	1117123	160.008	ug/l	96
13) Acrolein	4.171	56	885350	830.485	ug/l	100
14) Acrylonitrile	5.706	53	2386034	782.650	ug/l	99
15) Acetone	4.424	58	624281	716.676	ug/l	93
16) Carbon Disulfide	4.700	76	1818928	154.990	ug/l	99
17) Allyl chloride	5.006	41	1219550	158.149	ug/l	96
18) Methylene Chloride	5.259	84	741791	152.333	ug/l	96
19) trans-1,2-Dichloroethene	5.771	96	697274	154.982	ug/l	97
20) Diisopropyl ether	6.659	45	2747446	156.466	ug/l	98
21) 1,1-Dichloroethane	6.553	63	1407817	155.035	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	860976	155.531	ug/l	99
23) tert-Butyl Alcohol	5.530	59	986070	761.173	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	2719481	157.748	ug/l	98
25) Chloroform	7.947	83	1478128	155.945	ug/l	97
26) Cyclohexane	8.235	56	1125305	154.779	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	964808	152.623	ug/l	98
30) 2-Butanone	7.471	43	3513639	754.051	ug/l	99
31) 2,2-Dichloropropane	7.471	77	1224801	150.224	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	1249167	154.937	ug/l	96
33) Carbon Tetrachloride	8.347	117	1036608	154.768	ug/l	94
34) Benzene	8.588	78	3070072	153.850	ug/l	98
35) Methacrylonitrile	7.765	41	743083	147.778	ug/l	97
36) 1,2-Dichloroethane	8.653	62	1229451	152.417	ug/l	99
37) Trichloroethene	9.335	130	671378	152.738	ug/l	95
38) Methylcyclohexane	9.582	83	1115098	152.053	ug/l	98
39) 1,2-Dichloropropane	9.600	63	775438	151.562	ug/l	98
40) Dibromomethane	9.688	93	586203	152.708	ug/l	97
41) Bromodichloromethane	9.871	83	1228566	154.020	ug/l	96
42) Vinyl Acetate	6.588	43	11742175	765.203	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087456.D
Acq On : 05 Aug 2025 15:01
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 06 01:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	1387131	156.385	ug/l		98
44) Isopropyl Acetate	8.671	43	2332673	152.869	ug/l		99
45) 1,4-Dioxane	9.682	88	293747	3019.679	ug/l	#	93
46) Methyl methacrylate	9.665	41	1134360	157.486	ug/l		96
47) n-amyl Acetate	12.482	43	1594700	207.839	ug/l	#	59
48) t-1,3-Dichloropropene	10.818	75	1360863	156.815	ug/l		99
49) cis-1,3-Dichloropropene	10.294	75	1364130	156.195	ug/l		96
50) 1,1,2-Trichloroethane	10.994	97	751367	154.919	ug/l		97
51) Ethyl methacrylate	10.853	69	1388488	162.554	ug/l		99
52) 1,3-Dichloropropane	11.141	76	1349103	154.396	ug/l		99
53) Dibromochloromethane	11.341	129	890655	159.011	ug/l		99
54) 1,2-Dibromoethane	11.447	107	801234	155.619	ug/l		98
55) 2-Chloroethyl vinyl ether	10.141	63	3422234	761.062	ug/l		99
56) Bromoform	12.559	173	604236	163.094	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.429	43	6842960	729.674	ug/l		98
59) 2-Hexanone	11.176	43	4970555	780.064	ug/l		100
61) Tetrachloroethene	11.082	164	527237	148.447	ug/l		97
62) Toluene	10.612	91	3345117	148.669	ug/l		100
64) Chlorobenzene	11.870	112	2069135	149.658	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.941	131	721459	148.418	ug/l		99
66) Ethyl Benzene	11.941	91	3762645	150.033	ug/l		98
67) m/p-Xylenes	12.053	106	2745929	298.294	ug/l		98
68) o-Xylene	12.376	106	1358102	149.962	ug/l		99
69) Styrene	12.388	104	2382097	154.045	ug/l		99
70) Isopropylbenzene	12.676	105	3492470	151.792	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.917	83	1145045	145.247	ug/l		98
72) 1,2,3-Trichloropropane	12.970	75	1117688m	137.926	ug/l		
73) Bromobenzene	12.959	156	798843	149.771	ug/l		99
74) n-propylbenzene	13.012	91	4261831	148.316	ug/l		100
75) 2-Chlorotoluene	13.106	91	2596357	146.890	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	2914301	147.934	ug/l		99
77) t-1,4-Dichloro-2-butene	12.717	75	466370	167.752	ug/l		89
78) 4-Chlorotoluene	13.200	91	2683008	149.787	ug/l		99
79) tert-butylbenzene	13.417	119	2427930	146.177	ug/l		96
80) 1,2,4-Trimethylbenzene	13.459	105	2936296	149.164	ug/l		99
81) sec-Butylbenzene	13.594	105	3544404	146.583	ug/l		99
82) p-Isopropyltoluene	13.706	119	2934141	146.146	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	1508514	148.523	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	1521926	147.799	ug/l		100
85) n-Butylbenzene	14.035	91	2920119	148.660	ug/l		99
86) Hexachloroethane	14.311	117	595863	151.982	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	1446749	149.224	ug/l		100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	299287	149.861	ug/l		96
89) 1,2,4-Trichlorobenzene	15.811	180	893366	154.184	ug/l		99
90) Hexachlorobutadiene	15.476	225	317783	141.046	ug/l		96
91) Naphthalene	15.611	128	3431814	155.335	ug/l		100
92) 1,2,3-Trichlorobenzene	15.811	180	893366	154.184	ug/l		99

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

ICAL Form

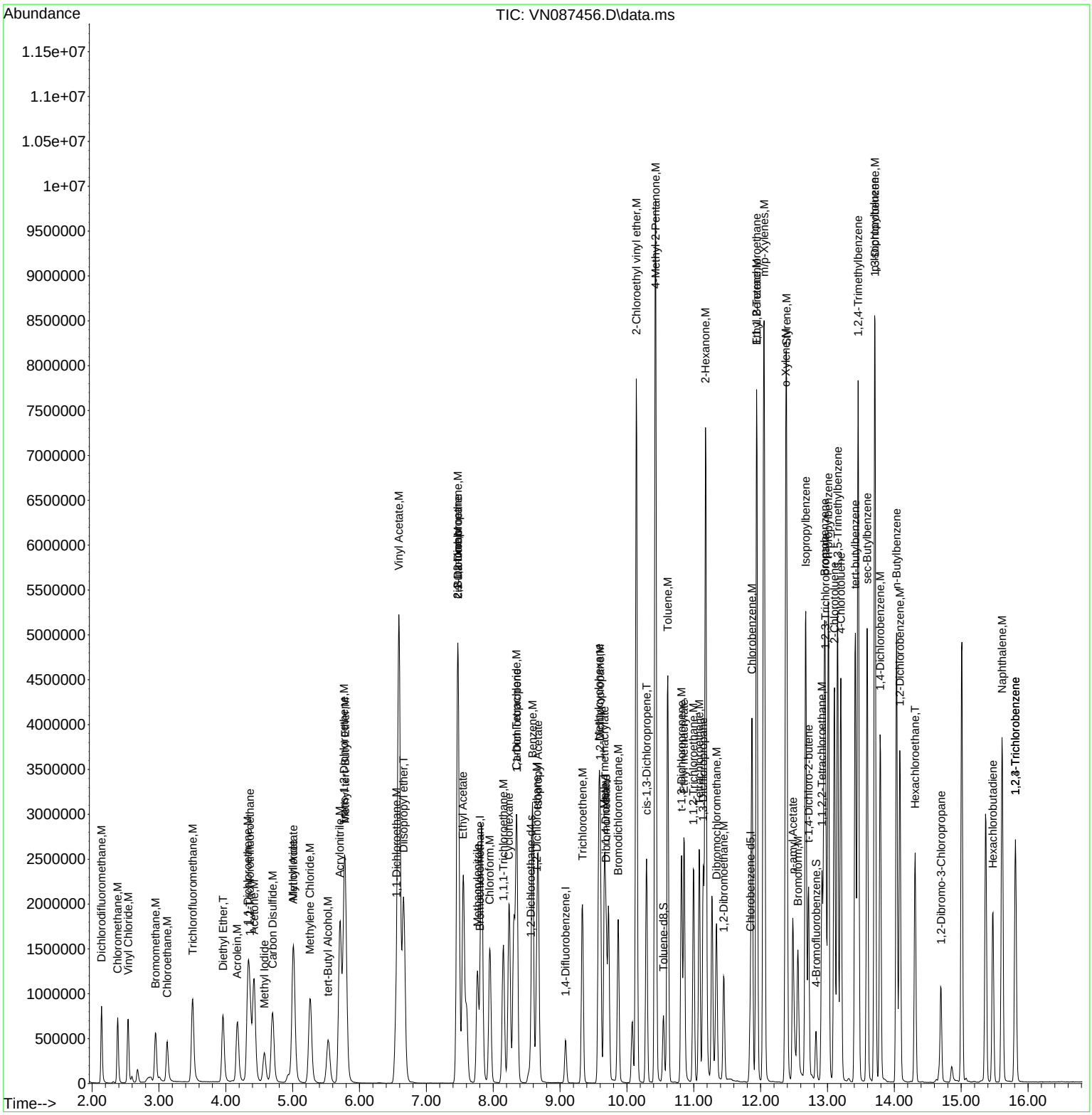
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087456.D
Acq On : 05 Aug 2025 15:01
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 06 01:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 01:24:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	71823	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	404390	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	367577	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	202347	30.545	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.800%			
60) 4-Bromofluorobenzene	12.829	95	192410	30.417	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.400%			
63) Toluene-d8	10.547	98	513267	30.347	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	87746	18.712	ug/l	98
3) Chloromethane	2.383	50	85826	17.839	ug/l	97
4) Vinyl Chloride	2.542	62	97923	19.190	ug/l	92
5) Bromomethane	2.983	94	53929	19.525	ug/l	85
6) Chloroethane	3.142	64	59300	18.022	ug/l	96
7) Trichlorofluoromethane	3.506	101	133795	18.219	ug/l	100
8) Diethyl Ether	3.959	74	56065	18.325	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	68759	18.360	ug/l	88
10) 1,1-Dichloroethene	4.336	96	71378	18.145	ug/l	90
11) Methyl Iodide	4.583	142	48013	15.501	ug/l	96
12) Methyl Acetate	5.018	43	133791	18.431	ug/l	95
13) Acrolein	4.177	56	114938	103.668	ug/l	98
14) Acrylonitrile	5.712	53	287956	90.843	ug/l	98
15) Acetone	4.424	58	88879	98.134	ug/l	96
16) Carbon Disulfide	4.706	76	219977	18.028	ug/l	99
17) Allyl chloride	5.018	41	149799	18.683	ug/l	88
18) Methylene Chloride	5.265	84	93115	18.387	ug/l	96
19) trans-1,2-Dichloroethene	5.765	96	83760	17.906	ug/l	96
20) Diisopropyl ether	6.659	45	327254	17.917	ug/l	99
21) 1,1-Dichloroethane	6.559	63	171210	18.134	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	103737	18.023	ug/l	100
23) tert-Butyl Alcohol	5.530	59	128000	95.030	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	324724	18.116	ug/l	98
25) Chloroform	7.953	83	177598	18.021	ug/l	94
26) Cyclohexane	8.241	56	135890	17.977	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	117565	17.825	ug/l	98
30) 2-Butanone	7.471	43	435716	89.621	ug/l	99
31) 2,2-Dichloropropane	7.477	77	158483	18.630	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	151313	17.988	ug/l	96
33) Carbon Tetrachloride	8.347	117	124231	17.777	ug/l	93
34) Benzene	8.588	78	376019	18.060	ug/l	95
35) Methacrylonitrile	7.765	41	95290	18.163	ug/l	96
36) 1,2-Dichloroethane	8.653	62	150784	17.918	ug/l	99
37) Trichloroethene	9.335	130	82742	18.041	ug/l	97
38) Methylcyclohexane	9.582	83	136830	17.882	ug/l	98
39) 1,2-Dichloropropane	9.600	63	94981	17.793	ug/l	96
40) Dibromomethane	9.688	93	69241	17.288	ug/l	93
41) Bromodichloromethane	9.871	83	146339	17.583	ug/l	98
42) Vinyl Acetate	6.589	43	1423556	88.913	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.553	43	171684	18.279	ug/l		99
44) Isopropyl Acetate	8.677	43	278498	17.492	ug/l		100
45) 1,4-Dioxane	9.677	88	38322	377.572	ug/l		98
46) Methyl methacrylate	9.665	41	127548	16.972	ug/l		92
47) n-amyl Acetate	12.523	43	146094m	16.611	ug/l		
48) t-1,3-Dichloropropene	10.818	75	157686	17.415	ug/l		96
49) cis-1,3-Dichloropropene	10.294	75	162308	17.812	ug/l		99
50) 1,1,2-Trichloroethane	10.994	97	90030	17.791	ug/l		93
51) Ethyl methacrylate	10.859	69	153822	17.260	ug/l		95
52) 1,3-Dichloropropane	11.141	76	161040	17.664	ug/l		99
53) Dibromochloromethane	11.335	129	101996	17.453	ug/l		98
54) 1,2-Dibromoethane	11.453	107	93933	17.486	ug/l		99
55) 2-Chloroethyl vinyl ether	10.141	63	443163	94.458	ug/l		99
56) Bromoform	12.559	173	65682	16.992	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.429	43	848509	89.734	ug/l		100
59) 2-Hexanone	11.182	43	570046	88.726	ug/l		100
61) Tetrachloroethene	11.082	164	64788	18.092	ug/l		96
62) Toluene	10.612	91	405628	17.879	ug/l		100
64) Chlorobenzene	11.871	112	248284	17.811	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.941	131	85480	17.440	ug/l		98
66) Ethyl Benzene	11.941	91	452435	17.892	ug/l		100
67) m/p-Xylenes	12.053	106	323616	34.866	ug/l		100
68) o-Xylene	12.376	106	159060	17.419	ug/l		100
69) Styrene	12.394	104	269120	17.260	ug/l		98
70) Isopropylbenzene	12.676	105	412806	17.794	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.918	83	140546	17.682	ug/l		100
72) 1,2,3-Trichloropropane	12.976	75	120488m	16.271	ug/l		
73) Bromobenzene	12.959	156	91029	16.926	ug/l		96
74) n-propylbenzene	13.012	91	521263	17.991	ug/l		99
75) 2-Chlorotoluene	13.106	91	315743	17.717	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	356748	17.960	ug/l		100
77) t-1,4-Dichloro-2-butene	12.723	75	47247	16.855	ug/l		90
78) 4-Chlorotoluene	13.200	91	327647	18.142	ug/l		99
79) tert-butylbenzene	13.417	119	299129	17.861	ug/l		97
80) 1,2,4-Trimethylbenzene	13.459	105	358425	18.058	ug/l		98
81) sec-Butylbenzene	13.594	105	447713	18.364	ug/l		99
82) p-Isopropyltoluene	13.706	119	367898	18.174	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	187078	18.268	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	188698	18.174	ug/l		99
85) n-Butylbenzene	14.035	91	370033	18.683	ug/l		99
86) Hexachloroethane	14.312	117	69621	17.612	ug/l		95
87) 1,2-Dichlorobenzene	14.082	146	178646	18.275	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	35995	17.876	ug/l		99
89) 1,2,4-Trichlorobenzene	15.811	180	107490	18.399	ug/l		99
90) Hexachlorobutadiene	15.476	225	42365	18.649	ug/l		95
91) Naphthalene	15.611	128	404839	18.174	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	107490	18.399	ug/l		99

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

ICAL Form

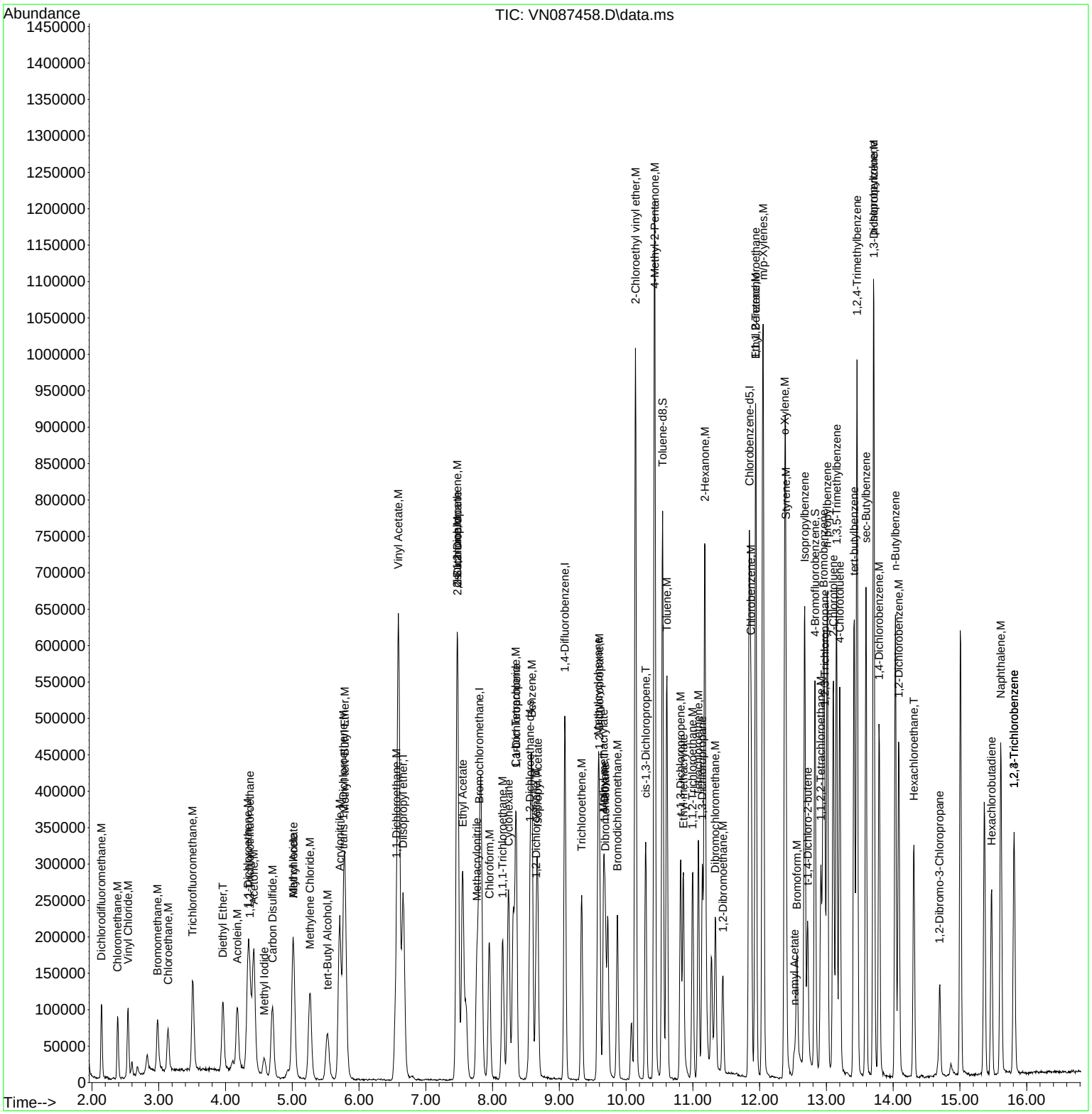
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Manual Integrations APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	112	0.00
2	M	Dichlorodifluoromethane	1.959	1.833	6.4	99	0.00
3	M	Chloromethane	2.010	1.792	10.8	93	0.00
4	M	Vinyl Chloride	2.131	2.045	4.0	100	0.00
5	M	Bromomethane	1.154	1.126	2.4	109	0.00
6	M	Chloroethane	1.374	1.238	9.9	96	0.00
7	M	Trichlorofluoromethane	3.067	2.794	8.9	97	0.00
8	T	Diethyl Ether	1.278	1.171	8.4	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.564	1.436	8.2	101	0.00
10	M	1,1-Dichloroethene	1.643	1.491	9.3	96	0.00
11		Methyl Iodide	1.294	1.003	22.5	104	0.00
12		Methyl Acetate	3.032	2.794	7.8	101	0.00
13	M	Acrolein	0.463	0.480	-3.7	116	0.00
14	M	Acrylonitrile	1.324	1.203	9.1	99	0.00
15	M	Acetone	0.378	0.371	1.9	99	0.00
16	M	Carbon Disulfide	5.097	4.594	9.9	99	0.00
17		Allyl chloride	3.349	3.129	6.6	104	0.00
18	M	Methylene Chloride	2.115	1.945	8.0	100	0.00
19	M	trans-1,2-Dichloroethene	1.954	1.749	10.5	97	0.00
20	T	Diisopropyl ether	7.629	6.835	10.4	98	0.00
21	M	1,1-Dichloroethane	3.944	3.576	9.3	96	0.00
22	M	cis-1,2-Dichloroethene	2.404	2.167	9.9	97	0.00
23	M	tert-Butyl Alcohol	0.563	0.535	5.0	105	0.01
24	M	Methyl tert-Butyl Ether	7.487	6.782	9.4	99	0.00
25	M	Chloroform	4.116	3.709	9.9	98	0.00
26		Cyclohexane	3.157	2.838	10.1	95	0.00
27	s	1,2-Dichloroethane-d4	2.767	2.817	-1.8	111	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29		1,1-Dichloropropene	0.489	0.436	10.8	98	0.00
30	M	2-Butanone	0.361	0.323	10.5	98	0.00
31		2,2-Dichloropropane	0.631	0.588	6.8	101	0.00
32	M	1,1,1-Trichloroethane	0.624	0.561	10.1	100	0.00
33	M	Carbon Tetrachloride	0.518	0.461	11.0	98	0.00
34	M	Benzene	1.545	1.395	9.7	100	0.00
35		Methacrylonitrile	0.389	0.353	9.3	98	0.00
36	M	1,2-Dichloroethane	0.624	0.559	10.4	97	0.00
37	M	Trichloroethene	0.340	0.307	9.7	98	0.00
38		Methylcyclohexane	0.568	0.508	10.6	98	0.00
39	M	1,2-Dichloropropane	0.396	0.352	11.1	97	0.00
40		Dibromomethane	0.297	0.257	13.5	94	0.00
41	M	Bromodichloromethane	0.617	0.543	12.0	99	0.00
42	M	Vinyl Acetate	1.188	1.056	11.1	96	0.00
43		Ethyl Acetate	0.697	0.637	8.6	100	0.00
44		Isopropyl Acetate	1.181	1.033	12.5	96	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	101	0.00
46		Methyl methacrylate	0.558	0.473	15.2	93	0.00
47		n-amyl Acetate	0.652	0.542	16.9	106	0.00
48	M	t-1,3-Dichloropropene	0.672	0.585	12.9	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.676	0.602	10.9	100	0.00
50	M	1,1,2-Trichloroethane	0.375	0.334	10.9	98	0.00
51		Ethyl methacrylate	0.661	0.571	13.6	96	0.00
52		1,3-Dichloropropane	0.676	0.597	11.7	97	0.00
53	M	Dibromochloromethane	0.434	0.378	12.9	98	0.00
54	M	1,2-Dibromoethane	0.399	0.348	12.8	96	0.00
55	M	2-Chloroethyl vinyl ether	0.348	0.329	5.5	104	0.00
56	M	Bromoform	0.287	0.244	15.0	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.772	0.693	10.2	97	0.00
59	M	2-Hexanone	0.524	0.465	11.3	99	0.00
60	S	4-Bromofluorobenzene	0.516	0.523	-1.4	113	0.00
61	M	Tetrachloroethene	0.292	0.264	9.6	101	0.00
62	M	Toluene	1.852	1.655	10.6	97	0.00
63	S	Toluene-d8	1.380	1.396	-1.2	113	0.00
64	M	Chlorobenzene	1.138	1.013	11.0	98	0.00
65		1,1,1,2-Tetrachloroethane	0.400	0.349	12.8	97	0.00
66	M	Ethyl Benzene	2.064	1.846	10.6	98	0.00
67	M	m/p-Xylenes	0.758	0.660	12.9	96	0.00
68	M	o-Xylene	0.745	0.649	12.9	97	0.00
69	M	Styrene	1.273	1.098	13.7	95	0.00
70		Isopropylbenzene	1.893	1.685	11.0	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.649	0.574	11.6	95	0.00
72		1,2,3-Trichloropropane	0.604	0.492	18.5	97	0.00
73		Bromobenzene	0.439	0.371	15.5	95	0.00
74		n-propylbenzene	2.365	2.127	10.1	99	0.00
75		2-Chlorotoluene	1.455	1.288	11.5	97	0.00
76		1,3,5-Trimethylbenzene	1.621	1.456	10.2	98	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.193	15.7	100	0.00
78		4-Chlorotoluene	1.474	1.337	9.3	102	0.00
79		tert-butylbenzene	1.367	1.221	10.7	98	0.00
80		1,2,4-Trimethylbenzene	1.620	1.463	9.7	100	0.00
81		sec-Butylbenzene	1.990	1.827	8.2	100	0.00
82		p-Isopropyltoluene	1.652	1.501	9.1	99	0.00
83	M	1,3-Dichlorobenzene	0.836	0.763	8.7	100	0.00
84	M	1,4-Dichlorobenzene	0.847	0.770	9.1	99	0.00
85		n-Butylbenzene	1.616	1.510	6.6	102	0.00
86	T	Hexachloroethane	0.323	0.284	12.1	98	0.00
87	M	1,2-Dichlorobenzene	0.798	0.729	8.6	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.164	0.147	10.4	97	0.00
89		1,2,4-Trichlorobenzene	0.477	0.439	8.0	103	0.00
90		Hexachlorobutadiene	0.185	0.173	6.5	103	0.00
91	M	Naphthalene	1.818	1.652	9.1	101	0.00
92		1,2,3-Trichlorobenzene	0.477	0.439	8.0	103	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\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	112	0.00
2	M	Dichlorodifluoromethane	20.000	18.712	6.4	99	0.00
3	M	Chloromethane	20.000	17.839	10.8	93	0.00
4	M	Vinyl Chloride	20.000	19.190	4.0	100	0.00
5	M	Bromomethane	20.000	19.525	2.4	109	0.00
6	M	Chloroethane	20.000	18.022	9.9	96	0.00
7	M	Trichlorofluoromethane	20.000	18.219	8.9	97	0.00
8	T	Diethyl Ether	20.000	18.325	8.4	99	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.360	8.2	101	0.00
10	M	1,1-Dichloroethene	20.000	18.145	9.3	96	0.00
11		Methyl Iodide	20.000	15.501	22.5	104	0.00
12		Methyl Acetate	20.000	18.431	7.8	101	0.00
13	M	Acrolein	100.000	103.668	-3.7	116	0.00
14	M	Acrylonitrile	100.000	90.843	9.2	99	0.00
15	M	Acetone	100.000	98.134	1.9	99	0.00
16	M	Carbon Disulfide	20.000	18.028	9.9	99	0.00
17		Allyl chloride	20.000	18.683	6.6	104	0.00
18	M	Methylene Chloride	20.000	18.387	8.1	100	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.906	10.5	97	0.00
20	T	Diisopropyl ether	20.000	17.917	10.4	98	0.00
21	M	1,1-Dichloroethane	20.000	18.134	9.3	96	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.023	9.9	97	0.00
23	M	tert-Butyl Alcohol	100.000	95.030	5.0	105	0.01
24	M	Methyl tert-Butyl Ether	20.000	18.116	9.4	99	0.00
25	M	Chloroform	20.000	18.021	9.9	98	0.00
26		Cyclohexane	20.000	17.977	10.1	95	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.545	-1.8	111	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29		1,1-Dichloropropene	20.000	17.825	10.9	98	0.00
30	M	2-Butanone	100.000	89.621	10.4	98	0.00
31		2,2-Dichloropropane	20.000	18.630	6.9	101	0.00
32	M	1,1,1-Trichloroethane	20.000	17.988	10.1	100	0.00
33	M	Carbon Tetrachloride	20.000	17.777	11.1	98	0.00
34	M	Benzene	20.000	18.060	9.7	100	0.00
35		Methacrylonitrile	20.000	18.163	9.2	98	0.00
36	M	1,2-Dichloroethane	20.000	17.918	10.4	97	0.00
37	M	Trichloroethene	20.000	18.041	9.8	98	0.00
38		Methylcyclohexane	20.000	17.882	10.6	98	0.00
39	M	1,2-Dichloropropane	20.000	17.793	11.0	97	0.00
40		Dibromomethane	20.000	17.288	13.6	94	0.00
41	M	Bromodichloromethane	20.000	17.583	12.1	99	0.00
42	M	Vinyl Acetate	100.000	88.913	11.1	96	0.00
43		Ethyl Acetate	20.000	18.279	8.6	100	0.00
44		Isopropyl Acetate	20.000	17.492	12.5	96	0.00
45	T	1,4-Dioxane	400.000	377.572	5.6	101	0.00
46		Methyl methacrylate	20.000	16.972	15.1	93	0.00
47		n-amyl Acetate	20.000	16.611	16.9	106	0.00
48	M	t-1,3-Dichloropropene	20.000	17.415	12.9	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Quant Time: Aug 06 02:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	17.812	10.9	100	0.00
50	M	1,1,2-Trichloroethane	20.000	17.791	11.0	98	0.00
51		Ethyl methacrylate	20.000	17.260	13.7	96	0.00
52		1,3-Dichloropropane	20.000	17.664	11.7	97	0.00
53	M	Dibromochloromethane	20.000	17.453	12.7	98	0.00
54	M	1,2-Dibromoethane	20.000	17.486	12.6	96	0.00
55	M	2-Chloroethyl vinyl ether	100.000	94.458	5.5	104	0.00
56	M	Bromoform	20.000	16.992	15.0	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	100.000	89.734	10.3	97	0.00
59	M	2-Hexanone	100.000	88.726	11.3	99	0.00
60	S	4-Bromofluorobenzene	30.000	30.417	-1.4	113	0.00
61	M	Tetrachloroethene	20.000	18.092	9.5	101	0.00
62	M	Toluene	20.000	17.879	10.6	97	0.00
63	S	Toluene-d8	30.000	30.347	-1.2	113	0.00
64	M	Chlorobenzene	20.000	17.811	10.9	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.440	12.8	97	0.00
66	M	Ethyl Benzene	20.000	17.892	10.5	98	0.00
67	M	m/p-Xylenes	40.000	34.866	12.8	96	0.00
68	M	o-Xylene	20.000	17.419	12.9	97	0.00
69	M	Styrene	20.000	17.260	13.7	95	0.00
70		Isopropylbenzene	20.000	17.794	11.0	98	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.682	11.6	95	0.00
72		1,2,3-Trichloropropane	20.000	16.271	18.6	97	0.00
73		Bromobenzene	20.000	16.926	15.4	95	0.00
74		n-propylbenzene	20.000	17.991	10.0	99	0.00
75		2-Chlorotoluene	20.000	17.717	11.4	97	0.00
76		1,3,5-Trimethylbenzene	20.000	17.960	10.2	98	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.855	15.7	100	0.00
78		4-Chlorotoluene	20.000	18.142	9.3	102	0.00
79		tert-butylbenzene	20.000	17.861	10.7	98	0.00
80		1,2,4-Trimethylbenzene	20.000	18.058	9.7	100	0.00
81		sec-Butylbenzene	20.000	18.364	8.2	100	0.00
82		p-Isopropyltoluene	20.000	18.174	9.1	99	0.00
83	M	1,3-Dichlorobenzene	20.000	18.268	8.7	100	0.00
84	M	1,4-Dichlorobenzene	20.000	18.174	9.1	99	0.00
85		n-Butylbenzene	20.000	18.683	6.6	102	0.00
86	T	Hexachloroethane	20.000	17.612	11.9	98	0.00
87	M	1,2-Dichlorobenzene	20.000	18.275	8.6	100	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.876	10.6	97	0.00
89		1,2,4-Trichlorobenzene	20.000	18.399	8.0	103	0.00
90		Hexachlorobutadiene	20.000	18.649	6.8	103	0.00
91	M	Naphthalene	20.000	18.174	9.1	101	0.00
92		1,2,3-Trichlorobenzene	20.000	18.399	8.0	103	0.00

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

Raw Data: **VN087603.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TRIS02
Lab Code:	ACE	SDG No.:	Q2902
Instrument ID:	MSVOA_N	Calibration Date/Time:	08/20/2025 08:58
Lab File ID:	VN087603.D	Init. Calib. Date(s):	08/05/2025 08/05/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	13:37 15:01

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Ethyl Acetate	0.697	0.596		-14.49	
Isopropyl Acetate	1.181	0.984		-16.68	
Acetone	0.378	0.445		17.73	
Methylene Chloride	2.115	1.929		-8.79	
1,2-Dichloroethane-d4	2.767	2.683	0.01	-3.04	
Toluene-d8	1.380	1.403	0.01	1.67	
4-Bromofluorobenzene	0.516	0.503	0.2	-2.52	
n-amyl Acetate	0.652	0.673		3.22	

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\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	57702	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	317393	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	285286	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	154828	29.091	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.967%			
60) 4-Bromofluorobenzene	12.829	95	143397	29.208	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.367%			
63) Toluene-d8	10.547	98	400169	30.485	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	64994	17.252	ug/l	96
3) Chloromethane	2.389	50	65645	16.983	ug/l	100
4) Vinyl Chloride	2.542	62	74097	18.074	ug/l	99
5) Bromomethane	2.983	94	32239	14.529	ug/l	83
6) Chloroethane	3.136	64	48200	18.233	ug/l	93
7) Trichlorofluoromethane	3.506	101	107504	18.221	ug/l	100
8) Diethyl Ether	3.959	74	47338	19.259	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	61471	20.431	ug/l	69
10) 1,1-Dichloroethene	4.330	96	58689	18.571	ug/l	92
11) Methyl Iodide	4.583	142	28286m	11.367	ug/l	
12) Methyl Acetate	5.018	43	114130	19.570	ug/l	94
13) Acrolein	4.171	56	117000	131.353	ug/l	100
14) Acrylonitrile	5.706	53	222230	87.265	ug/l	98
15) Acetone	4.424	58	85509	117.518	ug/l	97
16) Carbon Disulfide	4.700	76	160975	16.421	ug/l #	94
17) Allyl chloride	5.006	41	103244	16.028	ug/l	95
18) Methylene Chloride	5.265	84	74219	18.243	ug/l	91
19) trans-1,2-Dichloroethene	5.765	96	64181	17.078	ug/l	96
20) Diisopropyl ether	6.659	45	250003	17.037	ug/l	98
21) 1,1-Dichloroethane	6.559	63	130342	17.184	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	80780	17.469	ug/l	99
23) tert-Butyl Alcohol	5.524	59	86789	80.203	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	243546	16.912	ug/l	97
25) Chloroform	7.947	83	140528	17.749	ug/l	99
26) Cyclohexane	8.241	56	102230	16.833	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	88541	17.104	ug/l	98
30) 2-Butanone	7.471	43	341108	89.393	ug/l	99
31) 2,2-Dichloropropane	7.477	77	120550	18.055	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	115174	17.444	ug/l	98
33) Carbon Tetrachloride	8.341	117	95298	17.375	ug/l	96
34) Benzene	8.588	78	286111	17.509	ug/l	98
35) Methacrylonitrile	7.765	41	65681	15.951	ug/l	93
36) 1,2-Dichloroethane	8.653	62	113054	17.117	ug/l	100
37) Trichloroethene	9.335	130	64850	18.016	ug/l	100
38) Methylcyclohexane	9.582	83	100808	16.786	ug/l	98
39) 1,2-Dichloropropane	9.606	63	73002	17.424	ug/l	98
40) Dibromomethane	9.688	93	54522	17.344	ug/l	95
41) Bromodichloromethane	9.871	83	113859	17.431	ug/l	92
42) Vinyl Acetate	6.589	43	1022354	81.357	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	126086	17.104	ug/l		99
44) Isopropyl Acetate	8.677	43	208274	16.667	ug/l		98
45) 1,4-Dioxane	9.682	88	30660m	384.881	ug/l		
46) Methyl methacrylate	9.665	41	95204	16.140	ug/l		97
47) n-amyl Acetate	12.688	43	142320m	20.617	ug/l		
48) t-1,3-Dichloropropene	10.818	75	119093	16.758	ug/l		98
49) cis-1,3-Dichloropropene	10.294	75	123512	17.270	ug/l		95
50) 1,1,2-Trichloroethane	10.994	97	72151	18.166	ug/l		95
51) Ethyl methacrylate	10.859	69	116788	16.696	ug/l		90
52) 1,3-Dichloropropane	11.141	76	124808	17.442	ug/l		98
53) Dibromochloromethane	11.341	129	79944	17.429	ug/l		98
54) 1,2-Dibromoethane	11.447	107	72831	17.274	ug/l		96
55) 2-Chloroethyl vinyl ether	10.141	63	321490	87.306	ug/l		99
56) Bromoform	12.559	173	50513	16.650	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.424	43	642892	87.601	ug/l		99
59) 2-Hexanone	11.176	43	426791	85.590	ug/l		99
61) Tetrachloroethene	11.082	164	52177	18.773	ug/l		97
62) Toluene	10.612	91	311784	17.707	ug/l		100
64) Chlorobenzene	11.871	112	192641	17.805	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.941	131	68728	18.067	ug/l		97
66) Ethyl Benzene	11.941	91	336747	17.159	ug/l		97
67) m/p-Xylenes	12.053	106	254623	35.346	ug/l		96
68) o-Xylene	12.376	106	119101	16.805	ug/l		99
69) Styrene	12.388	104	208652	17.242	ug/l		98
70) Isopropylbenzene	12.676	105	313834	17.430	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.918	83	109327	17.721	ug/l		97
72) 1,2,3-Trichloropropane	12.970	75	96794m	16.842	ug/l		
73) Bromobenzene	12.959	156	75330	18.048	ug/l		95
74) n-propylbenzene	13.012	91	395838	17.603	ug/l		99
75) 2-Chlorotoluene	13.106	91	233365	16.871	ug/l		95
76) 1,3,5-Trimethylbenzene	13.153	105	265756	17.239	ug/l		96
77) t-1,4-Dichloro-2-butene	12.718	75	34633	15.919	ug/l		88
78) 4-Chlorotoluene	13.200	91	234404	16.723	ug/l		100
79) tert-butylbenzene	13.417	119	225259	17.330	ug/l		98
80) 1,2,4-Trimethylbenzene	13.459	105	273098	17.728	ug/l		98
81) sec-Butylbenzene	13.594	105	337055	17.813	ug/l		99
82) p-Isopropyltoluene	13.706	119	271115	17.256	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	144826	18.221	ug/l		99
84) 1,4-Dichlorobenzene	13.794	146	148953	18.485	ug/l		97
85) n-Butylbenzene	14.035	91	269017	17.501	ug/l		98
86) Hexachloroethane	14.306	117	52196	17.013	ug/l		95
87) 1,2-Dichlorobenzene	14.082	146	139471	18.383	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	27550	17.628	ug/l		98
89) 1,2,4-Trichlorobenzene	15.811	180	78757	17.369	ug/l		98
90) Hexachlorobutadiene	15.470	225	29180	16.550	ug/l		95
91) Naphthalene	15.611	128	291130	16.839	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	78757	17.369	ug/l		98

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

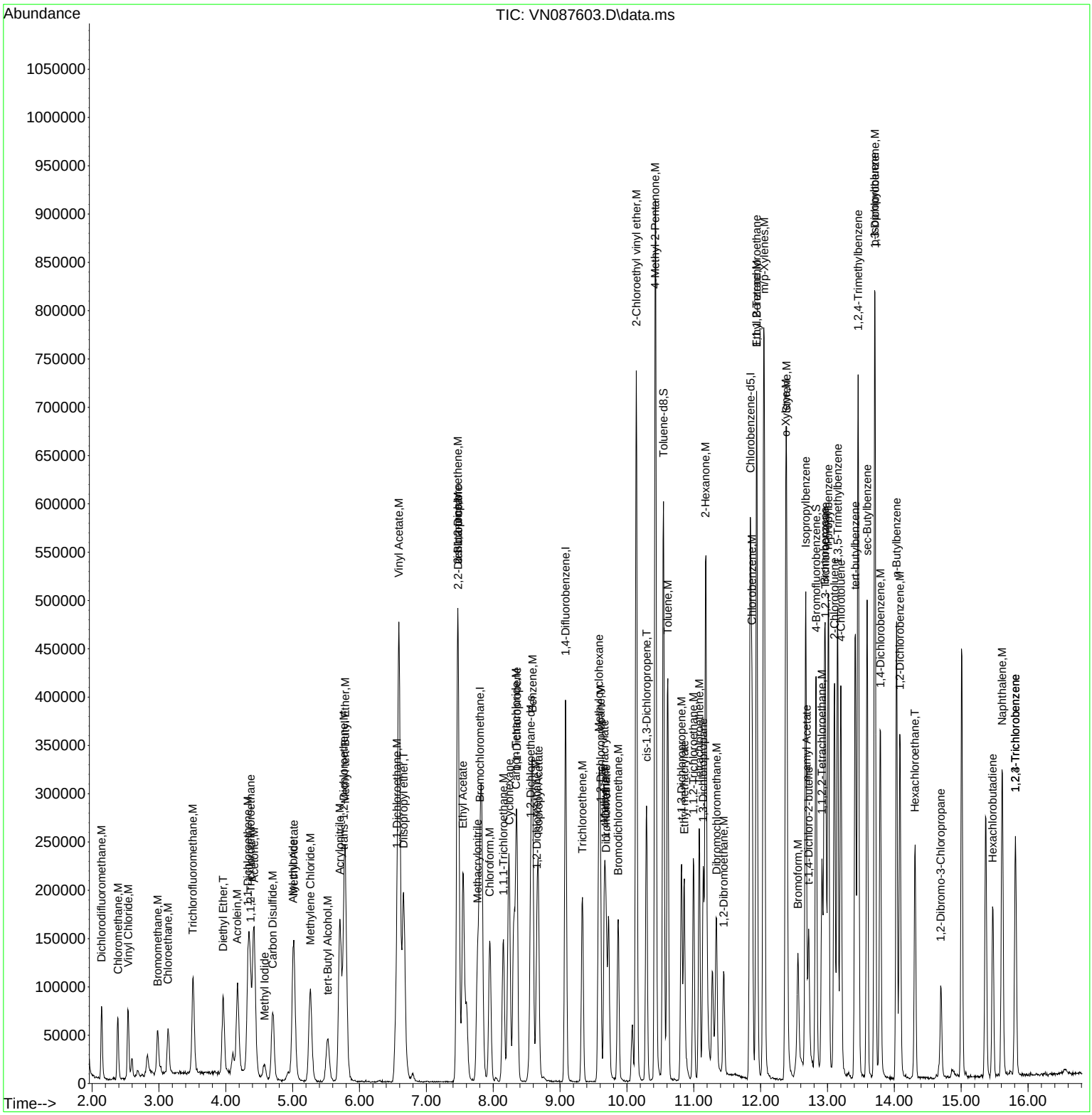
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



Sample Results: **VN087603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	90	0.00
2	M	Dichlorodifluoromethane	1.959	1.690	13.7	74	0.00
3	M	Chloromethane	2.010	1.706	15.1	71	0.00
4	M	Vinyl Chloride	2.131	1.926	9.6	76	0.00
5	M	Bromomethane	1.154	0.838	27.4#	65	0.00
6	M	Chloroethane	1.374	1.253	8.8	78	0.00
7	M	Trichlorofluoromethane	3.067	2.795	8.9	78	0.00
8	T	Diethyl Ether	1.278	1.231	3.7	84	0.00
9		1,1,2-Trichlorotrifluoroeth	1.564	1.598	-2.2	90	0.00
10	M	1,1-Dichloroethene	1.643	1.526	7.1	79	0.00
11		Methyl Iodide	1.294	0.735	43.2#	61	0.00
12		Methyl Acetate	3.032	2.967	2.1	86	0.00
13	M	Acrolein	0.463	0.608	-31.3#	118	0.00
14	M	Acrylonitrile	1.324	1.155	12.8	76	0.00
15	M	Acetone	0.378	0.445	-17.7	96	0.00
16	M	Carbon Disulfide	5.097	4.185	17.9	73	0.00
17		Allyl chloride	3.349	2.684	19.9	71	0.00
18	M	Methylene Chloride	2.115	1.929	8.8	80	0.00
19	M	trans-1,2-Dichloroethene	1.954	1.668	14.6	74	0.00
20	T	Diisopropyl ether	7.629	6.499	14.8	75	0.00
21	M	1,1-Dichloroethane	3.944	3.388	14.1	73	0.00
22	M	cis-1,2-Dichloroethene	2.404	2.100	12.6	75	0.00
23	M	tert-Butyl Alcohol	0.563	0.451	19.9	71	0.00
24	M	Methyl tert-Butyl Ether	7.487	6.331	15.4	74	0.00
25	M	Chloroform	4.116	3.653	11.2	78	0.00
26		Cyclohexane	3.157	2.658	15.8	72	0.00
27	s	1,2-Dichloroethane-d4	2.767	2.683	3.0	85	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29		1,1-Dichloropropene	0.489	0.418	14.5	74	0.00
30	M	2-Butanone	0.361	0.322	10.8	76	0.00
31		2,2-Dichloropropane	0.631	0.570	9.7	77	0.00
32	M	1,1,1-Trichloroethane	0.624	0.544	12.8	76	0.00
33	M	Carbon Tetrachloride	0.518	0.450	13.1	75	0.00
34	M	Benzene	1.545	1.352	12.5	76	0.00
35		Methacrylonitrile	0.389	0.310	20.3	67	0.00
36	M	1,2-Dichloroethane	0.624	0.534	14.4	73	0.00
37	M	Trichloroethene	0.340	0.306	10.0	77	0.00
38		Methylcyclohexane	0.568	0.476	16.2	72	0.00
39	M	1,2-Dichloropropane	0.396	0.345	12.9	74	0.00
40		Dibromomethane	0.297	0.258	13.1	74	0.00
41	M	Bromodichloromethane	0.617	0.538	12.8	77	0.00
42	M	Vinyl Acetate	1.188	0.966	18.7	69	0.00
43		Ethyl Acetate	0.697	0.596	14.5	74	0.00
44		Isopropyl Acetate	1.181	0.984	16.7	71	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	81	0.00
46		Methyl methacrylate	0.558	0.450	19.4	70	0.00
47		n-amyl Acetate	0.652	0.673	-3.2	103	0.16
48	M	t-1,3-Dichloropropene	0.672	0.563	16.2	73	0.00

Sample Results: **VN087603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.676	0.584	13.6	76	0.00
50	M	1,1,2-Trichloroethane	0.375	0.341	9.1	79	0.00
51		Ethyl methacrylate	0.661	0.552	16.5	73	0.00
52		1,3-Dichloropropane	0.676	0.590	12.7	75	0.00
53	M	Dibromochloromethane	0.434	0.378	12.9	77	0.00
54	M	1,2-Dibromoethane	0.399	0.344	13.8	74	0.00
55	M	2-Chloroethyl vinyl ether	0.348	0.304	12.6	75	0.00
56	M	Bromoform	0.287	0.239	16.7	75	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58	M	4-Methyl-2-Pentanone	0.772	0.676	12.4	73	0.00
59	M	2-Hexanone	0.524	0.449	14.3	74	0.00
60	S	4-Bromofluorobenzene	0.516	0.503	2.5	84	0.00
61	M	Tetrachloroethene	0.292	0.274	6.2	82	0.00
62	M	Toluene	1.852	1.639	11.5	75	0.00
63	S	Toluene-d8	1.380	1.403	-1.7	88	0.00
64	M	Chlorobenzene	1.138	1.013	11.0	76	0.00
65		1,1,1,2-Tetrachloroethane	0.400	0.361	9.8	78	0.00
66	M	Ethyl Benzene	2.064	1.771	14.2	73	0.00
67	M	m/p-Xylenes	0.758	0.669	11.7	76	0.00
68	M	o-Xylene	0.745	0.626	16.0	72	0.00
69	M	Styrene	1.273	1.097	13.8	74	0.00
70		Isopropylbenzene	1.893	1.650	12.8	74	0.00
71	M	1,1,2,2-Tetrachloroethane	0.649	0.575	11.4	74	0.00
72		1,2,3-Trichloropropane	0.604	0.509	15.7	78	0.00
73		Bromobenzene	0.439	0.396	9.8	78	0.00
74		n-propylbenzene	2.365	2.081	12.0	75	0.00
75		2-Chlorotoluene	1.455	1.227	15.7	72	0.00
76		1,3,5-Trimethylbenzene	1.621	1.397	13.8	73	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.182	20.5	74	0.00
78		4-Chlorotoluene	1.474	1.232	16.4	73	0.00
79		tert-butylbenzene	1.367	1.184	13.4	74	0.00
80		1,2,4-Trimethylbenzene	1.620	1.436	11.4	76	0.00
81		sec-Butylbenzene	1.990	1.772	11.0	75	0.00
82		p-Isopropyltoluene	1.652	1.425	13.7	73	0.00
83	M	1,3-Dichlorobenzene	0.836	0.761	9.0	78	0.00
84	M	1,4-Dichlorobenzene	0.847	0.783	7.6	78	0.00
85		n-Butylbenzene	1.616	1.414	12.5	74	0.00
86	T	Hexachloroethane	0.323	0.274	15.2	73	0.00
87	M	1,2-Dichlorobenzene	0.798	0.733	8.1	78	0.00
88		1,2-Dibromo-3-Chloropropane	0.164	0.145	11.6	74	0.00
89		1,2,4-Trichlorobenzene	0.477	0.414	13.2	75	0.00
90		Hexachlorobutadiene	0.185	0.153	17.3	71	0.00
91	M	Naphthalene	1.818	1.531	15.8	72	0.00
92		1,2,3-Trichlorobenzene	0.477	0.414	13.2	75	0.00

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

Sample Results: **VN087603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	90	0.00
2	M	Dichlorodifluoromethane	20.000	17.252	13.7	74	0.00
3	M	Chloromethane	20.000	16.983	15.1	71	0.00
4	M	Vinyl Chloride	20.000	18.074	9.6	76	0.00
5	M	Bromomethane	20.000	14.529	27.4#	65	0.00
6	M	Chloroethane	20.000	18.233	8.8	78	0.00
7	M	Trichlorofluoromethane	20.000	18.221	8.9	78	0.00
8	T	Diethyl Ether	20.000	19.259	3.7	84	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.431	-2.2	90	0.00
10	M	1,1-Dichloroethene	20.000	18.571	7.1	79	0.00
11		Methyl Iodide	20.000	11.367	43.2#	61	0.00
12		Methyl Acetate	20.000	19.570	2.1	86	0.00
13	M	Acrolein	100.000	131.353	-31.4#	118	0.00
14	M	Acrylonitrile	100.000	87.265	12.7	76	0.00
15	M	Acetone	100.000	117.518	-17.5	96	0.00
16	M	Carbon Disulfide	20.000	16.421	17.9	73	0.00
17		Allyl chloride	20.000	16.028	19.9	71	0.00
18	M	Methylene Chloride	20.000	18.243	8.8	80	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.078	14.6	74	0.00
20	T	Diisopropyl ether	20.000	17.037	14.8	75	0.00
21	M	1,1-Dichloroethane	20.000	17.184	14.1	73	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.469	12.7	75	0.00
23	M	tert-Butyl Alcohol	100.000	80.203	19.8	71	0.00
24	M	Methyl tert-Butyl Ether	20.000	16.912	15.4	74	0.00
25	M	Chloroform	20.000	17.749	11.3	78	0.00
26		Cyclohexane	20.000	16.833	15.8	72	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.091	3.0	85	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29		1,1-Dichloropropene	20.000	17.104	14.5	74	0.00
30	M	2-Butanone	100.000	89.393	10.6	76	0.00
31		2,2-Dichloropropane	20.000	18.055	9.7	77	0.00
32	M	1,1,1-Trichloroethane	20.000	17.444	12.8	76	0.00
33	M	Carbon Tetrachloride	20.000	17.375	13.1	75	0.00
34	M	Benzene	20.000	17.509	12.5	76	0.00
35		Methacrylonitrile	20.000	15.951	20.2	67	0.00
36	M	1,2-Dichloroethane	20.000	17.117	14.4	73	0.00
37	M	Trichloroethene	20.000	18.016	9.9	77	0.00
38		Methylcyclohexane	20.000	16.786	16.1	72	0.00
39	M	1,2-Dichloropropane	20.000	17.424	12.9	74	0.00
40		Dibromomethane	20.000	17.344	13.3	74	0.00
41	M	Bromodichloromethane	20.000	17.431	12.8	77	0.00
42	M	Vinyl Acetate	100.000	81.357	18.6	69	0.00
43		Ethyl Acetate	20.000	17.104	14.5	74	0.00
44		Isopropyl Acetate	20.000	16.667	16.7	71	0.00
45	T	1,4-Dioxane	400.000	384.881	3.8	81	0.00
46		Methyl methacrylate	20.000	16.140	19.3	70	0.00
47		n-amyl Acetate	20.000	20.617	-3.1	103	0.16
48	M	t-1,3-Dichloropropene	20.000	16.758	16.2	73	0.00

Sample Results: **VN087603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087603.D
Acq On : 20 Aug 2025 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 21 02:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	17.270	13.7	76	0.00
50	M	1,1,2-Trichloroethane	20.000	18.166	9.2	79	0.00
51		Ethyl methacrylate	20.000	16.696	16.5	73	0.00
52		1,3-Dichloropropane	20.000	17.442	12.8	75	0.00
53	M	Dibromochloromethane	20.000	17.429	12.9	77	0.00
54	M	1,2-Dibromoethane	20.000	17.274	13.6	74	0.00
55	M	2-Chloroethyl vinyl ether	100.000	87.306	12.7	75	0.00
56	M	Bromoform	20.000	16.650	16.8	75	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58	M	4-Methyl-2-Pentanone	100.000	87.601	12.4	73	0.00
59	M	2-Hexanone	100.000	85.590	14.4	74	0.00
60	S	4-Bromofluorobenzene	30.000	29.208	2.6	84	0.00
61	M	Tetrachloroethene	20.000	18.773	6.1	82	0.00
62	M	Toluene	20.000	17.707	11.5	75	0.00
63	S	Toluene-d8	30.000	30.485	-1.6	88	0.00
64	M	Chlorobenzene	20.000	17.805	11.0	76	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.067	9.7	78	0.00
66	M	Ethyl Benzene	20.000	17.159	14.2	73	0.00
67	M	m/p-Xylenes	40.000	35.346	11.6	76	0.00
68	M	o-Xylene	20.000	16.805	16.0	72	0.00
69	M	Styrene	20.000	17.242	13.8	74	0.00
70		Isopropylbenzene	20.000	17.430	12.9	74	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.721	11.4	74	0.00
72		1,2,3-Trichloropropane	20.000	16.842	15.8	78	0.00
73		Bromobenzene	20.000	18.048	9.8	78	0.00
74		n-propylbenzene	20.000	17.603	12.0	75	0.00
75		2-Chlorotoluene	20.000	16.871	15.6	72	0.00
76		1,3,5-Trimethylbenzene	20.000	17.239	13.8	73	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.919	20.4	74	0.00
78		4-Chlorotoluene	20.000	16.723	16.4	73	0.00
79		tert-butylbenzene	20.000	17.330	13.4	74	0.00
80		1,2,4-Trimethylbenzene	20.000	17.728	11.4	76	0.00
81		sec-Butylbenzene	20.000	17.813	10.9	75	0.00
82		p-Isopropyltoluene	20.000	17.256	13.7	73	0.00
83	M	1,3-Dichlorobenzene	20.000	18.221	8.9	78	0.00
84	M	1,4-Dichlorobenzene	20.000	18.485	7.6	78	0.00
85		n-Butylbenzene	20.000	17.501	12.5	74	0.00
86	T	Hexachloroethane	20.000	17.013	14.9	73	0.00
87	M	1,2-Dichlorobenzene	20.000	18.383	8.1	78	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.628	11.9	74	0.00
89		1,2,4-Trichlorobenzene	20.000	17.369	13.2	75	0.00
90		Hexachlorobutadiene	20.000	16.550	17.2	71	0.00
91	M	Naphthalene	20.000	16.839	15.8	72	0.00
92		1,2,3-Trichlorobenzene	20.000	17.369	13.2	75	0.00

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

QC SAMPLE DATA

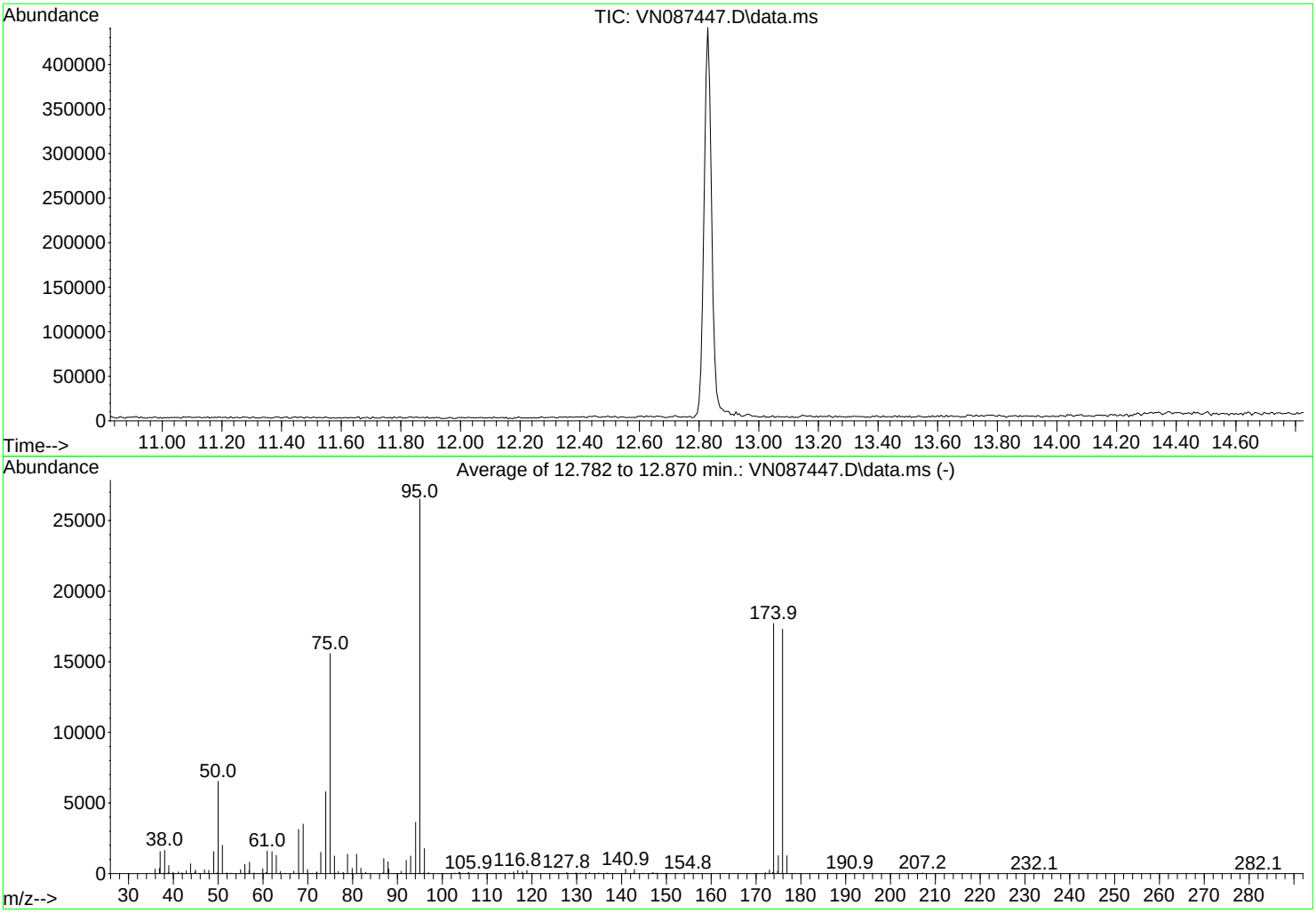
Sample Results: **VN087447.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087447.D
Acq On : 05 Aug 2025 09:27
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\624N080525W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Aug 06 02:01:21 2025



AutoFind: Averaged scan 1841 to 1856; 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	24.6	6530	PASS
75	95	30	60	58.7	15571	PASS
95	95	100	100	100.0	26522	PASS
96	95	5	9	6.7	1774	PASS
173	174	0.00	2	1.5	263	PASS
174	95	50	100	66.8	17704	PASS
175	174	5	9	7.2	1276	PASS
176	174	95	101	97.7	17301	PASS
177	176	5	9	7.3	1269	PASS

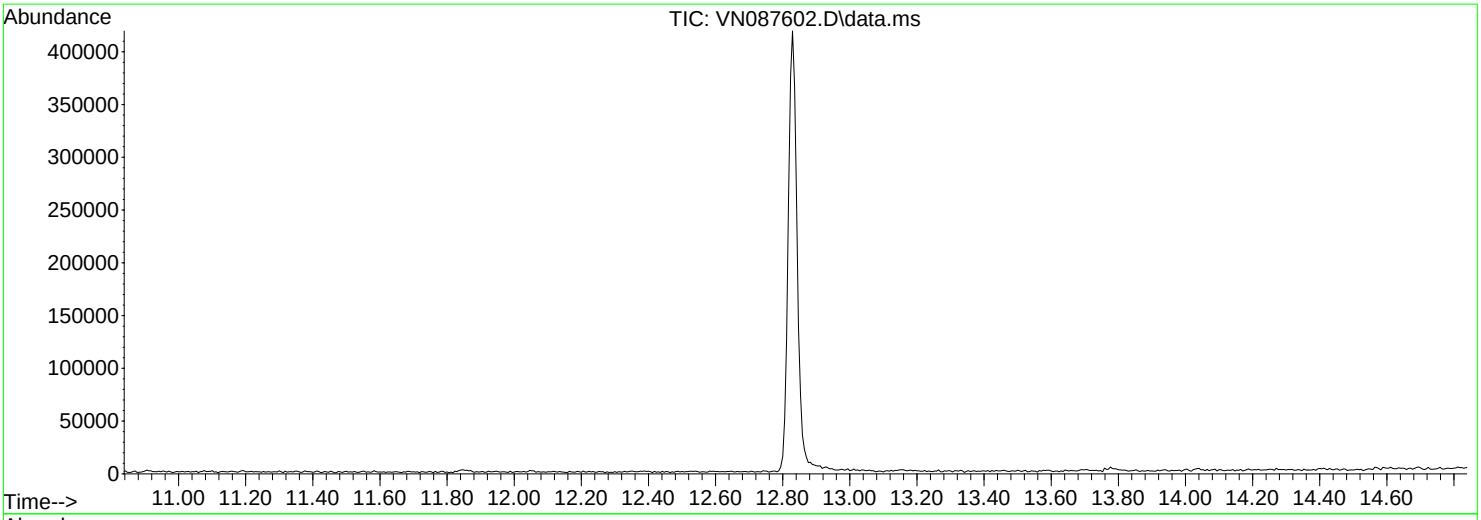
Sample Results: **VN087602.D**

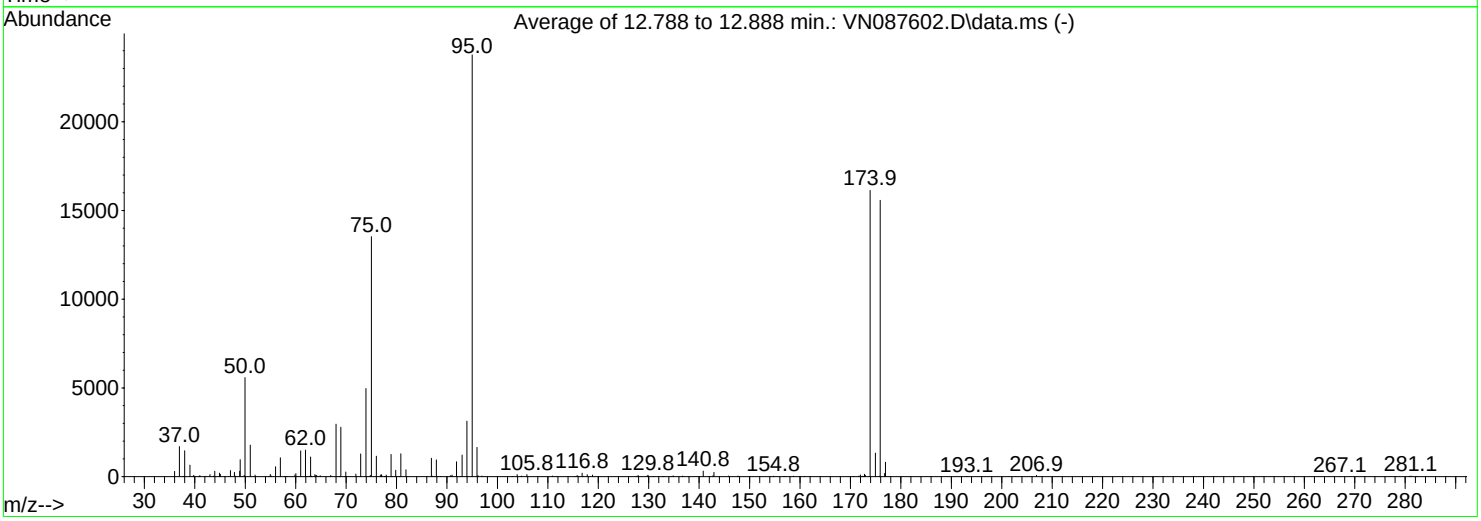
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087602.D
Acq On : 20 Aug 2025 08:23
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Wed Aug 06 02:01:21 2025





AutoFind: Averaged scan 1842 to 1859; Bkg corrected with scan 1841

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.5	5585	PASS
75	95	30	60	56.9	13524	PASS
95	95	100	100	100.0	23770	PASS
96	95	5	9	6.9	1651	PASS
173	174	0.00	2	0.8	133	PASS
174	95	50	100	67.9	16132	PASS
175	174	5	9	8.2	1325	PASS
176	174	95	101	96.5	15575	PASS
177	176	5	9	5.2	814	PASS

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

Report of Analysis

Client:	Tris Pharma, Inc.		Date Collected:		
Project:	Quarterly		Date Received:		
Client Sample ID:	VN0820WBL01		SDG No.:	Q2902	
Lab Sample ID:	VN0820WBL01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087606.D	1	08/20/25 10:39	VN082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	1.30	U	1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	1.00	U	1.00	5.00	ug/L
67-64-1	Acetone	4.60	U	4.60	25.0	ug/L
75-09-2	Methylene Chloride	0.86	U	0.86	5.00	ug/L
628-63-7	n-amyl Acetate	0.81	U	0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.4		91 - 110	98%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.4		63 - 112	91%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	50200	7.8			
540-36-3	1,4-Difluorobenzene	276000	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\VN082025\
Data File : VN087606.D
Acq On : 20 Aug 2025 10:39
Operator : JC\MD
Sample : VN0820WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Quant Time: Aug 21 02:40:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

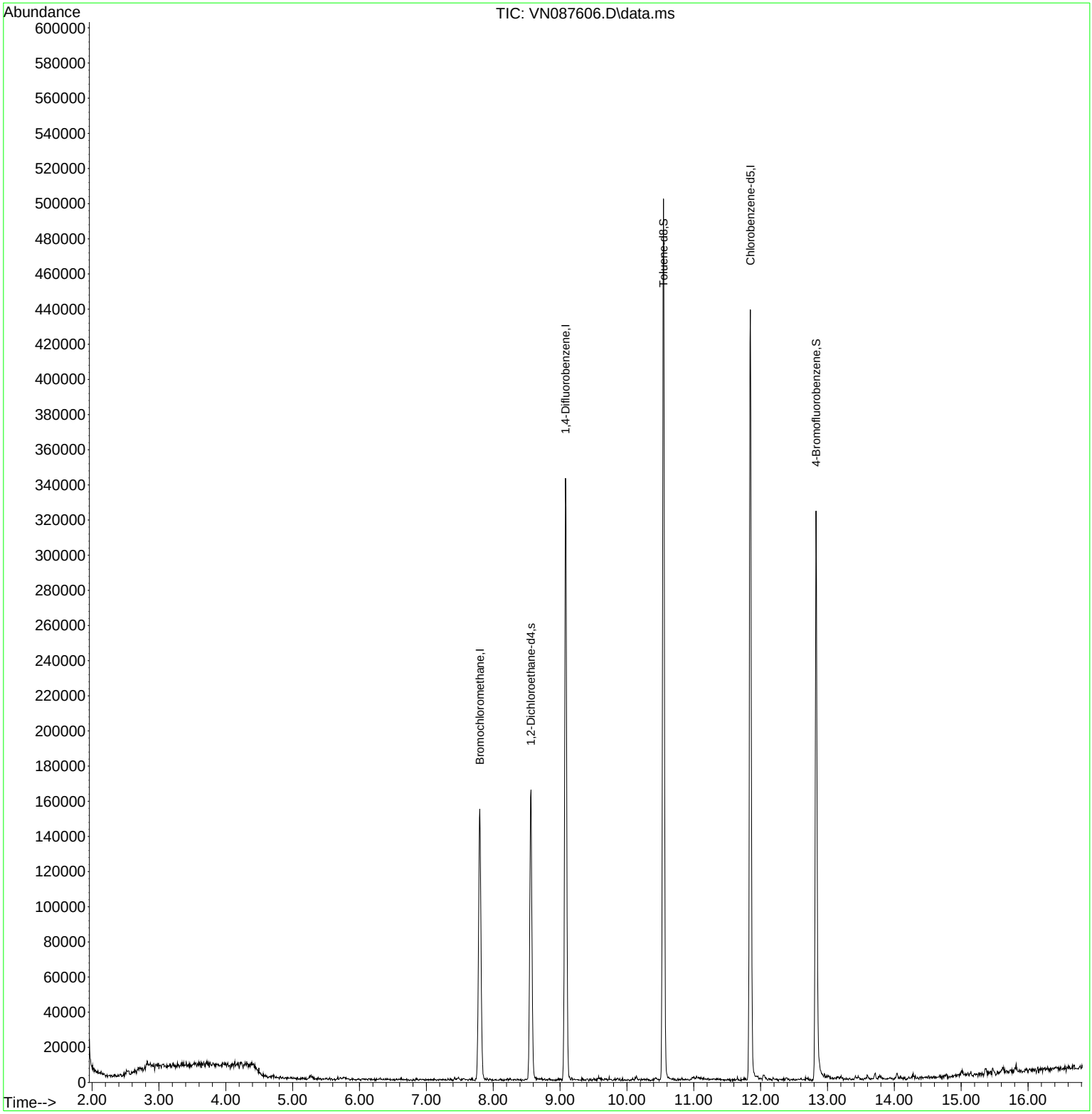
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	50156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	275670	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	241360	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	135822	29.360	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.867%			
60) 4-Bromofluorobenzene	12.829	95	113742	27.384	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.267%			
63) Toluene-d8	10.547	98	333295	30.012	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						Qvalue

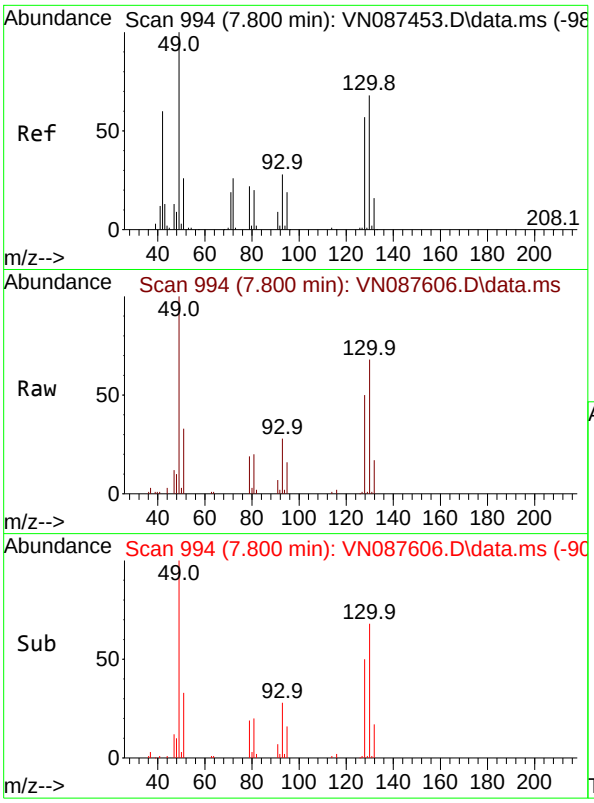
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087606.D
Acq On : 20 Aug 2025 10:39
Operator : JC\MD
Sample : VN0820WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Quant Time: Aug 21 02:40:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration



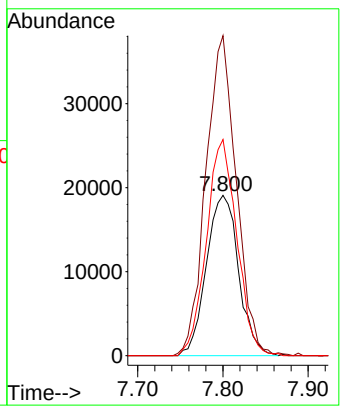


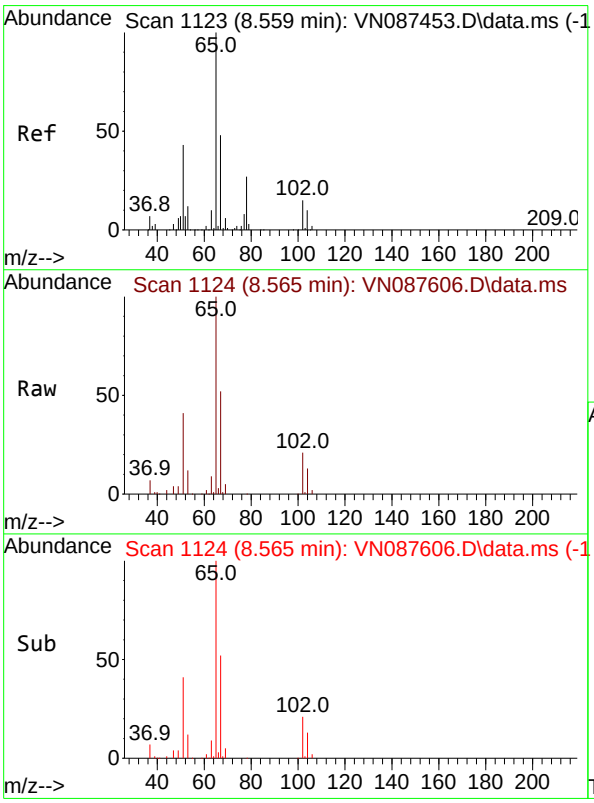
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:128 Resp: 50156

Ion	Ratio	Lower	Upper
128	100		
49	187.7	0.0	494.8
130	127.2	0.0	321.5

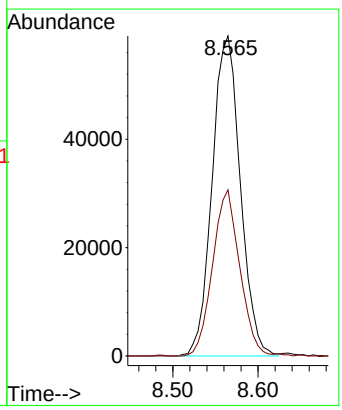


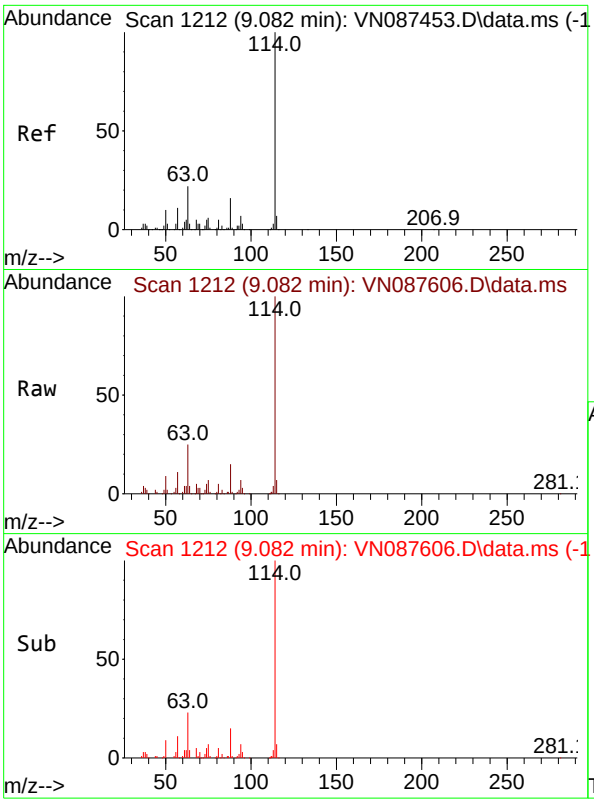


#27
1,2-Dichloroethane-d4
Concen: 29.360 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Tgt Ion: 65 Resp: 135822

Ion	Ratio	Lower	Upper
65	100		
67	49.9	40.8	61.2



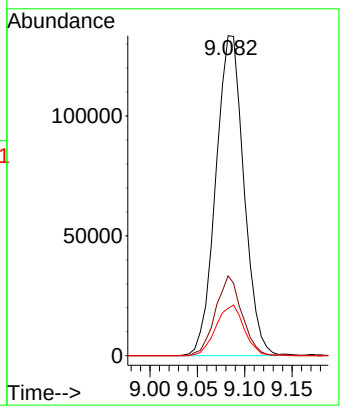


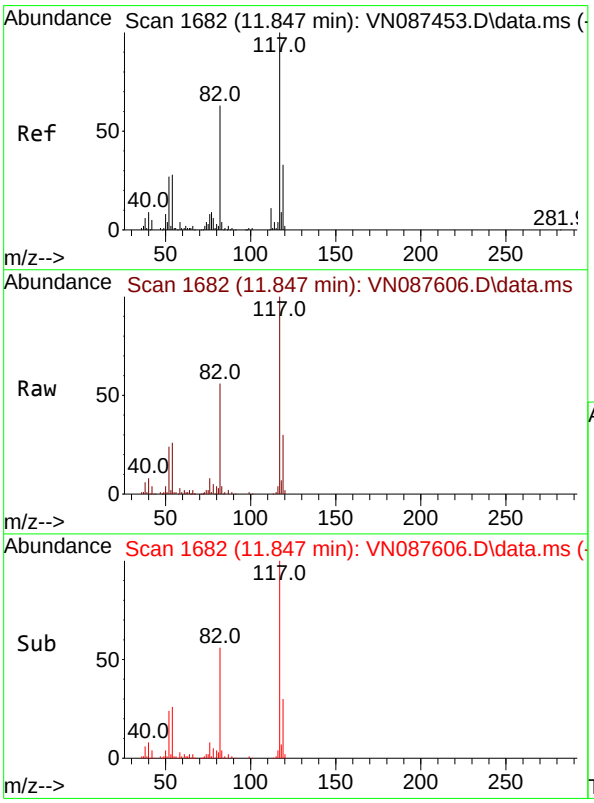
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:114 Resp: 275670

Ion	Ratio	Lower	Upper
114	100		
63	23.4	18.9	28.3
88	15.9	13.1	19.7

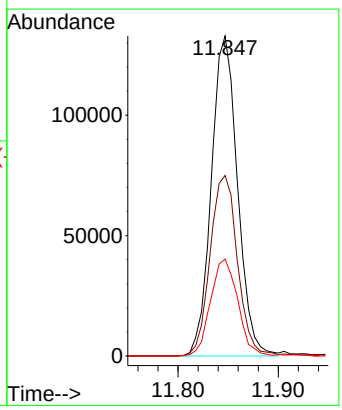


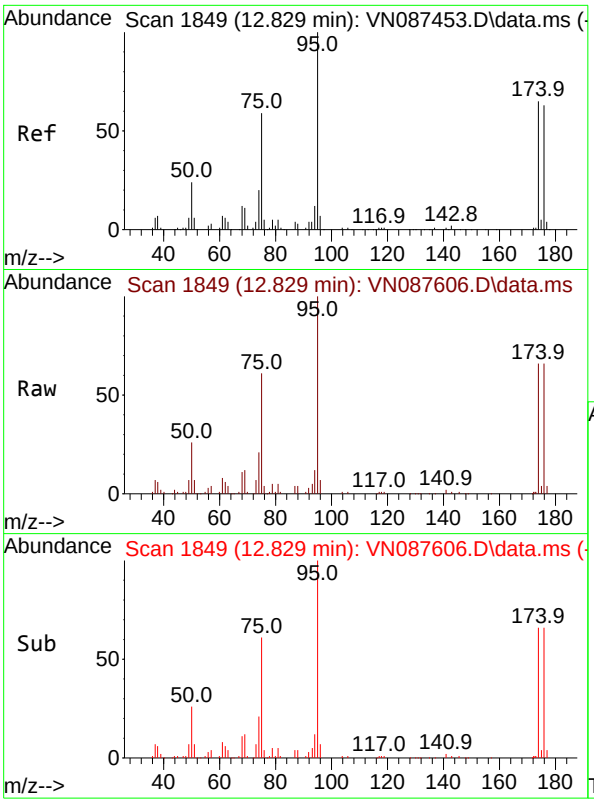


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Tgt Ion:117 Resp: 241360

Ion	Ratio	Lower	Upper
117	100		
82	58.8	49.2	73.8
119	31.4	25.7	38.5



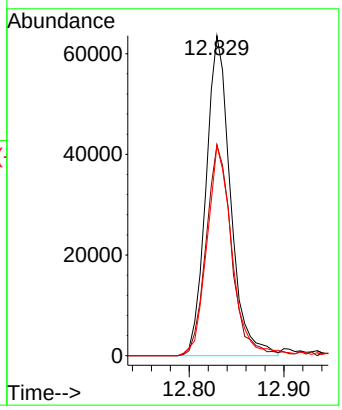


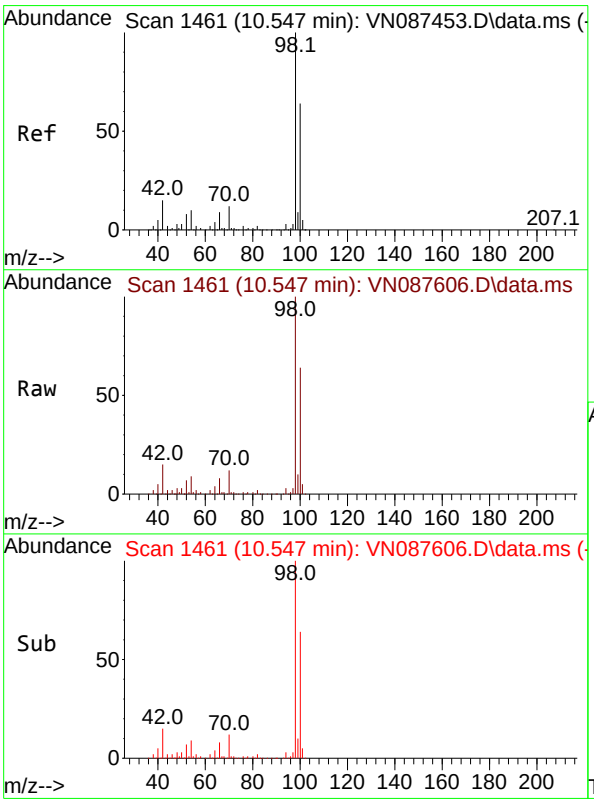
#60
4-Bromofluorobenzene
Concen: 27.384 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion: 95 Resp: 113742

Ion	Ratio	Lower	Upper
95	100		
174	68.1	52.3	78.5
176	67.4	49.8	74.8

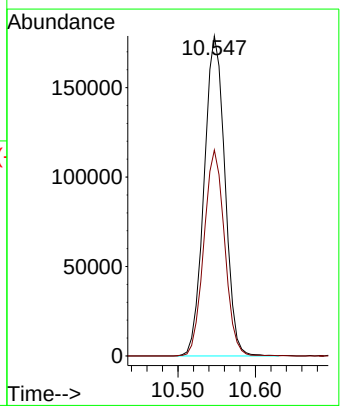




#63
Toluene-d8
Concen: 30.012 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Tgt Ion: 98 Resp: 333295

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.5	75.7



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

Report of Analysis

Client:	Tris Pharma, Inc.		Date Collected:		
Project:	Quarterly		Date Received:		
Client Sample ID:	VN0820WBS01		SDG No.:	Q2902	
Lab Sample ID:	VN0820WBS01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087604.D	1	08/20/25 09:32	VN082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	17.9		1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	17.0		1.00	5.00	ug/L
67-64-1	Acetone	100		4.60	25.0	ug/L
75-09-2	Methylene Chloride	17.5		0.86	5.00	ug/L
628-63-7	n-amyl Acetate	18.7		0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.7		91 - 110	96%	SPK: 30
2037-26-5	Toluene-d8	30.1		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.0		63 - 112	97%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	57300	7.8			
540-36-3	1,4-Difluorobenzene	305000	9.083			
3114-55-4	Chlorobenzene-d5	275000	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\VN082025\
Data File : VN087604.D
Acq On : 20 Aug 2025 09:32
Operator : JC\MD
Sample : VN0820WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 21 02:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	57311	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.083	114	304862	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	275151	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	151846	28.726	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.767%				
60) 4-Bromofluorobenzene	12.829	95	137527	29.044	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.800%				
63) Toluene-d8	10.547	98	380581	30.061	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	68443	18.291	ug/l		98
3) Chloromethane	2.383	50	64220	16.728	ug/l		98
4) Vinyl Chloride	2.542	62	73150	17.965	ug/l		97
5) Bromomethane	2.977	94	32900	14.928	ug/l		87
6) Chloroethane	3.136	64	47359	18.037	ug/l		96
7) Trichlorofluoromethane	3.506	101	112898	19.266	ug/l		98
8) Diethyl Ether	3.965	74	43884	17.975	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.371	101	61511	20.584	ug/l		94
10) 1,1-Dichloroethene	4.336	96	62016	19.757	ug/l		88
11) Methyl Iodide	4.583	142	31139	12.599	ug/l		97
12) Methyl Acetate	5.018	43	108654	18.758	ug/l		94
13) Acrolein	4.177	56	114677	129.623	ug/l		98
14) Acrylonitrile	5.712	53	218183	86.261	ug/l		98
15) Acetone	4.424	58	72624	100.490	ug/l		99
16) Carbon Disulfide	4.706	76	161193	16.555	ug/l		98
17) Allyl chloride	5.006	41	106672	16.673	ug/l		94
18) Methylene Chloride	5.265	84	70911	17.548	ug/l		94
19) trans-1,2-Dichloroethene	5.771	96	63747	17.078	ug/l		95
20) Diisopropyl ether	6.659	45	234715	16.104	ug/l		98
21) 1,1-Dichloroethane	6.559	63	130505	17.323	ug/l		98
22) cis-1,2-Dichloroethene	7.471	96	76232	16.598	ug/l		99
23) tert-Butyl Alcohol	5.530	59	87181	81.115	ug/l	#	100
24) Methyl tert-Butyl Ether	5.789	73	237826	16.628	ug/l	#	76
25) Chloroform	7.947	83	136026	17.298	ug/l		98
26) Cyclohexane	8.241	56	105599	17.507	ug/l	#	99
29) 1,1-Dichloropropene	8.353	75	90764	18.254	ug/l		97
30) 2-Butanone	7.471	43	324917	88.650	ug/l	#	98
31) 2,2-Dichloropropane	7.477	77	118343	18.453	ug/l	#	81
32) 1,1,1-Trichloroethane	8.147	97	116368	18.350	ug/l		97
33) Carbon Tetrachloride	8.341	117	96167	18.254	ug/l		96
34) Benzene	8.588	78	278083	17.717	ug/l		99
35) Methacrylonitrile	7.759	41	64896	16.408	ug/l		95
36) 1,2-Dichloroethane	8.653	62	108386	17.085	ug/l		99
37) Trichloroethene	9.336	130	63070	18.242	ug/l		93
38) Methylcyclohexane	9.583	83	109060	18.906	ug/l		97
39) 1,2-Dichloropropane	9.600	63	73420	18.244	ug/l		96
40) Dibromomethane	9.694	93	53177	17.612	ug/l		97
41) Bromodichloromethane	9.871	83	108039	17.219	ug/l		96
42) Vinyl Acetate	6.589	43	1115718	92.437	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087604.D
Acq On : 20 Aug 2025 09:32
Operator : JC\MD
Sample : VN0820WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 21 02:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	126876	17.919 ug/l	99
44) Isopropyl Acetate	8.677	43	204017	16.998 ug/l	98
45) 1,4-Dioxane	9.683	88	28477	372.171 ug/l	99
46) Methyl methacrylate	9.665	41	90371	15.951 ug/l	99
47) n-amyl Acetate	12.600	43	123888m	18.685 ug/l	
48) t-1,3-Dichloropropene	10.818	75	114292	16.744 ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	121420	17.675 ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	68431	17.938 ug/l	89
51) Ethyl methacrylate	10.859	69	110883	16.504 ug/l	95
52) 1,3-Dichloropropane	11.141	76	122215	17.782 ug/l	97
53) Dibromochloromethane	11.341	129	78835	17.894 ug/l	98
54) 1,2-Dibromoethane	11.447	107	72647	17.938 ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	326555	92.327 ug/l	99
56) Bromoform	12.559	173	49224	16.892 ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	626231	88.474 ug/l	98
59) 2-Hexanone	11.177	43	405822	84.383 ug/l	98
61) Tetrachloroethene	11.082	164	49952	18.634 ug/l	93
62) Toluene	10.612	91	298471	17.575 ug/l	100
64) Chlorobenzene	11.871	112	188955	18.108 ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	64898	17.689 ug/l	98
66) Ethyl Benzene	11.941	91	335148	17.706 ug/l	99
67) m/p-Xylenes	12.053	106	250018	35.985 ug/l	95
68) o-Xylene	12.376	106	120246	17.592 ug/l	98
69) Styrene	12.388	104	200884	17.212 ug/l	97
70) Isopropylbenzene	12.676	105	317874	18.305 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	108003	18.152 ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	93207m	16.815 ug/l	
73) Bromobenzene	12.959	156	71391	17.734 ug/l	96
74) n-propylbenzene	13.012	91	393548	18.146 ug/l	99
75) 2-Chlorotoluene	13.106	91	229926	17.235 ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	262683	17.667 ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	33537m	15.983 ug/l	
78) 4-Chlorotoluene	13.200	91	233857	17.298 ug/l	99
79) tert-butylbenzene	13.418	119	225056	17.953 ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	267558	18.008 ug/l	100
81) sec-Butylbenzene	13.594	105	340244	18.643 ug/l	99
82) p-Isopropyltoluene	13.706	119	283478	18.708 ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	138911	18.121 ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	143933	18.520 ug/l	99
85) n-Butylbenzene	14.035	91	275425	18.578 ug/l	99
86) Hexachloroethane	14.312	117	53217	17.984 ug/l	97
87) 1,2-Dichlorobenzene	14.088	146	135512	18.519 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24246	16.085 ug/l	91
89) 1,2,4-Trichlorobenzene	15.812	180	74255	16.980 ug/l	96
90) Hexachlorobutadiene	15.470	225	31835	18.721 ug/l	96
91) Naphthalene	15.617	128	286665	17.192 ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	74255	16.980 ug/l	96

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

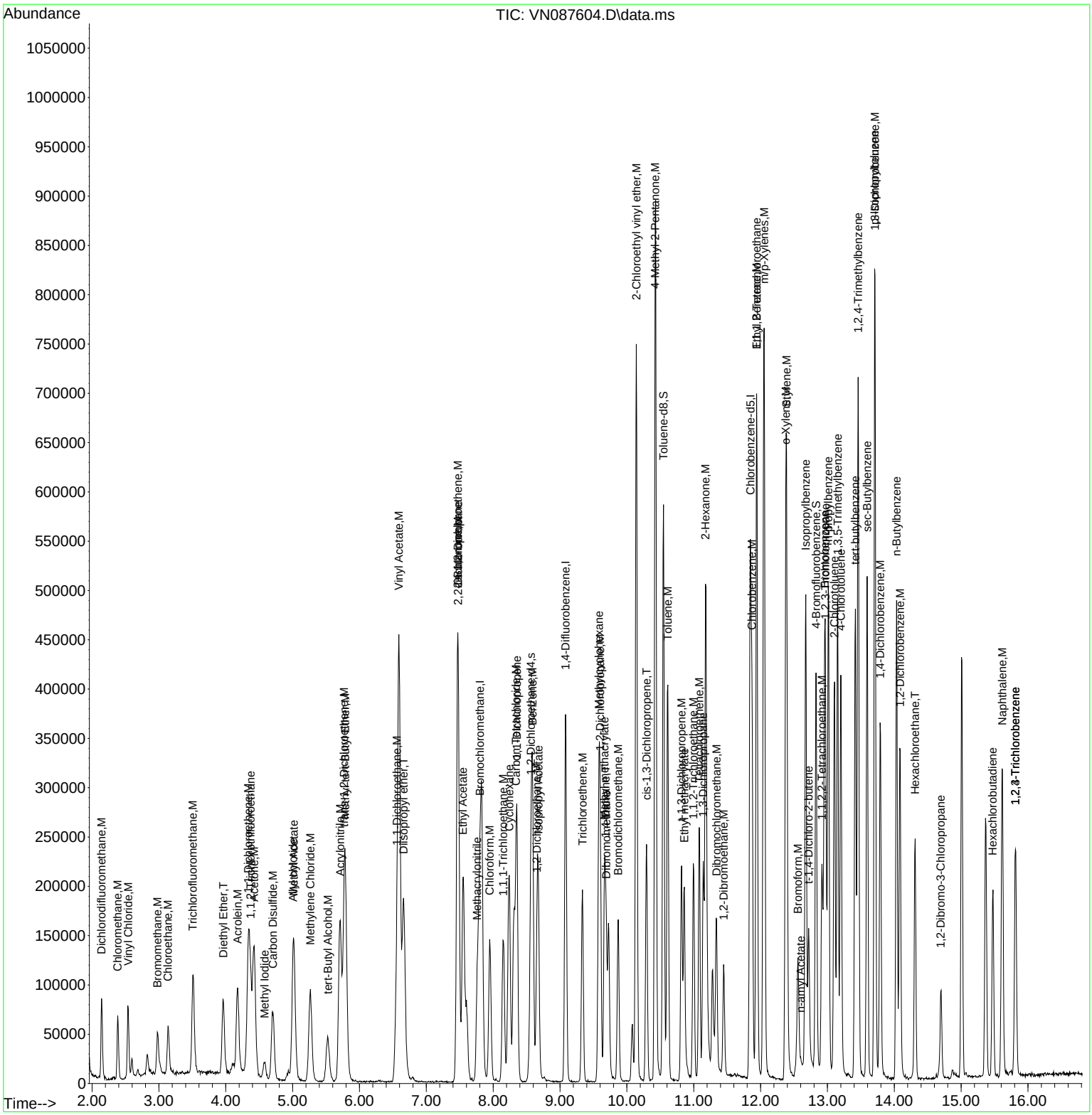
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087604.D
Acq On : 20 Aug 2025 09:32
Operator : JC\MD
Sample : VN0820WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 21 02:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



Raw Data: **VN087609.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	08/19/25
Project:	Quarterly	Date Received:	08/19/25
Client Sample ID:	OUTFALL-DSN-001MS	SDG No.:	Q2902
Lab Sample ID:	Q2902-02MS	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087609.D	1	08/20/25 11:57	VN082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	19.4		1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	18.3		1.00	5.00	ug/L
67-64-1	Acetone	690		4.60	25.0	ug/L
75-09-2	Methylene Chloride	19.7		0.86	5.00	ug/L
628-63-7	n-amyl Acetate	19.2		0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.1		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	29.4		91 - 112	98%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.8		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	50300	7.8			
540-36-3	1,4-Difluorobenzene	274000	9.088			
3114-55-4	Chlorobenzene-d5	252000	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\VN082025\
Data File : VN087609.D
Acq On : 20 Aug 2025 11:57
Operator : JC\MD
Sample : Q2902-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 21 02:42:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	50255	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	274038	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	252169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	139348	30.063	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.200%			
60) 4-Bromofluorobenzene	12.829	95	125044	28.814	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.033%			
63) Toluene-d8	10.547	98	341651	29.445	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	58332	17.778	ug/l	99
3) Chloromethane	2.389	50	59394	17.643	ug/l	100
4) Vinyl Chloride	2.536	62	64125	17.960	ug/l	96
5) Bromomethane	2.983	94	31072	16.078	ug/l	80
6) Chloroethane	3.136	64	46028	19.992	ug/l	93
7) Trichlorofluoromethane	3.512	101	100652	19.588	ug/l	95
8) Diethyl Ether	3.959	74	43495	20.317	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	56668	21.626	ug/l	88
10) 1,1-Dichloroethene	4.336	96	56327	20.464	ug/l	96
11) Methyl Iodide	4.589	142	27847m	12.849	ug/l	
12) Methyl Acetate	5.018	43	109142	21.488	ug/l #	89
13) Acrolein	4.177	56	100588	129.661	ug/l	97
14) Acrylonitrile	5.712	53	209670	94.534	ug/l	99
15) Acetone	4.424	58	435622	687.405	ug/l	98
16) Carbon Disulfide	4.706	76	145043	16.988	ug/l	97
17) Allyl chloride	5.012	41	93151	16.604	ug/l	91
18) Methylene Chloride	5.271	84	69838	19.709	ug/l	88
19) trans-1,2-Dichloroethene	5.765	96	57487m	17.563	ug/l	
20) Diisopropyl ether	6.659	45	233146	18.243	ug/l	95
21) 1,1-Dichloroethane	6.547	63	122875	18.600	ug/l	96
22) cis-1,2-Dichloroethene	7.477	96	74596	18.523	ug/l	98
23) tert-Butyl Alcohol	5.524	59	91421	97.002	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	231270	18.440	ug/l #	75
25) Chloroform	7.947	83	218606	31.702	ug/l	95
26) Cyclohexane	8.241	56	96517	18.248	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	82765	18.517	ug/l	98
30) 2-Butanone	7.471	43	340608	103.384	ug/l	100
31) 2,2-Dichloropropane	7.477	77	107729	18.688	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	106930	18.758	ug/l	99
33) Carbon Tetrachloride	8.347	117	89205	18.837	ug/l	95
34) Benzene	8.588	78	268810	19.052	ug/l	97
35) Methacrylonitrile	7.765	41	68369	19.230	ug/l	96
36) 1,2-Dichloroethane	8.653	62	103708	18.186	ug/l	99
37) Trichloroethene	9.341	130	59418	19.118	ug/l	83
38) Methylcyclohexane	9.582	83	92618	17.862	ug/l	98
39) 1,2-Dichloropropane	9.600	63	69987	19.347	ug/l	96
40) Dibromomethane	9.688	93	52444	19.322	ug/l	98
41) Bromodichloromethane	9.871	83	123218	21.848	ug/l	98
42) Vinyl Acetate	6.594	43	968565	89.271	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087609.D
Acq On : 20 Aug 2025 11:57
Operator : JC\MD
Sample : Q2902-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 21 02:42:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.547	43	123727	19.439	ug/l		98
44) Isopropyl Acetate	8.677	43	197742	18.328	ug/l		98
45) 1,4-Dioxane	9.682	88	30952	450.018	ug/l		96
46) Methyl methacrylate	9.665	41	92516	18.166	ug/l		86
47) n-amyl Acetate	12.535	43	114521m	19.215	ug/l		
48) t-1,3-Dichloropropene	10.818	75	111130	18.112	ug/l		100
49) cis-1,3-Dichloropropene	10.294	75	111376	18.037	ug/l		94
50) 1,1,2-Trichloroethane	11.000	97	66421	19.369	ug/l		93
51) Ethyl methacrylate	10.859	69	104302	17.270	ug/l		96
52) 1,3-Dichloropropane	11.141	76	119707	19.376	ug/l		100
53) Dibromochloromethane	11.335	129	79034	19.957	ug/l		99
54) 1,2-Dibromoethane	11.453	107	68348	18.775	ug/l		97
56) Bromoform	12.559	173	49161	18.768	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.429	43	634761	97.852	ug/l		100
59) 2-Hexanone	11.176	43	394402	89.483	ug/l		98
61) Tetrachloroethene	11.082	164	47052	19.152	ug/l		96
62) Toluene	10.612	91	288250	18.520	ug/l		99
64) Chlorobenzene	11.871	112	176820	18.489	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.941	131	60167	17.894	ug/l		98
66) Ethyl Benzene	11.941	91	313471	18.070	ug/l		96
67) m/p-Xylenes	12.053	106	234674	36.855	ug/l		94
68) o-Xylene	12.376	106	112552	17.967	ug/l		95
69) Styrene	12.394	104	190698	17.828	ug/l		97
70) Isopropylbenzene	12.670	105	287573	18.069	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.918	83	107758	19.761	ug/l		100
72) 1,2,3-Trichloropropane	12.976	75	102002m	20.079	ug/l		
73) Bromobenzene	12.965	156	67709	18.352	ug/l		97
74) n-propylbenzene	13.012	91	364448	18.336	ug/l		100
75) 2-Chlorotoluene	13.106	91	220760	18.056	ug/l		99
76) 1,3,5-Trimethylbenzene	13.153	105	246343	18.078	ug/l		99
77) t-1,4-Dichloro-2-butene	12.723	75	29449	15.314	ug/l		83
78) 4-Chlorotoluene	13.200	91	226327	18.267	ug/l		98
79) tert-butylbenzene	13.417	119	207454	18.057	ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	249708	18.339	ug/l		99
81) sec-Butylbenzene	13.594	105	307869	18.407	ug/l		99
82) p-Isopropyltoluene	13.706	119	255793	18.419	ug/l		99
83) 1,3-Dichlorobenzene	13.712	146	134487	19.143	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	137073	19.244	ug/l		98
85) n-Butylbenzene	14.035	91	248166	18.265	ug/l		97
86) Hexachloroethane	14.312	117	48796	17.993	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	132579	19.769	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26154	18.933	ug/l		97
89) 1,2,4-Trichlorobenzene	15.811	180	76100	18.988	ug/l		98
90) Hexachlorobutadiene	15.476	225	28421	18.237	ug/l		98
91) Naphthalene	15.617	128	280180	18.334	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	76100	18.988	ug/l		98

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

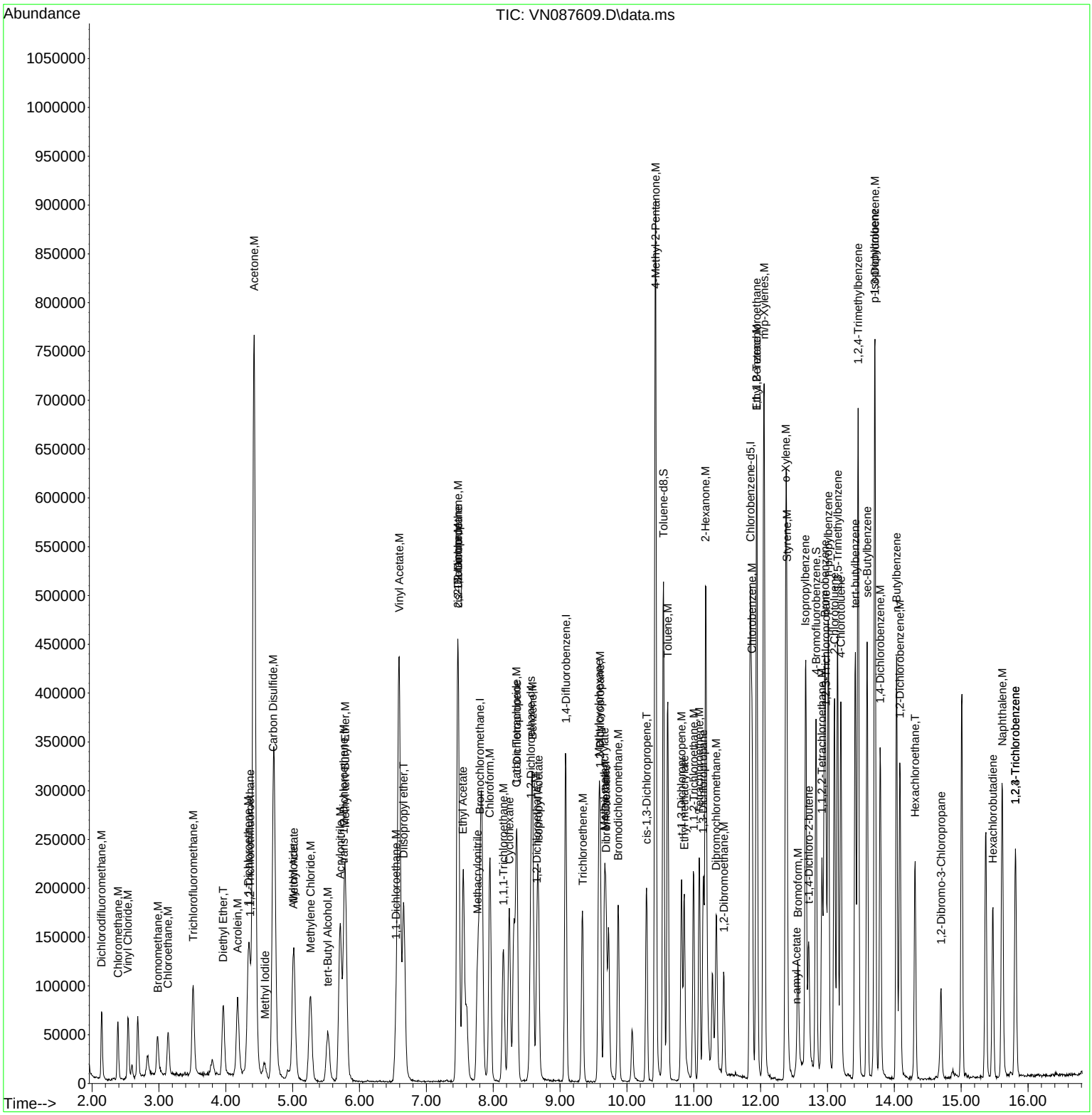
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087609.D
Acq On : 20 Aug 2025 11:57
Operator : JC\MD
Sample : Q2902-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 21 02:42:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



Raw Data: **VN087610.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	08/19/25
Project:	Quarterly	Date Received:	08/19/25
Client Sample ID:	OUTFALL-DSN-001MSD	SDG No.:	Q2902
Lab Sample ID:	Q2902-03MSD	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087610.D	1	08/20/25 12:19	VN082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	19.1		1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	18.4		1.00	5.00	ug/L
67-64-1	Acetone	680		4.60	25.0	ug/L
75-09-2	Methylene Chloride	18.5		0.86	5.00	ug/L
628-63-7	n-amyl Acetate	18.1		0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.8		91 - 110	99%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.1		63 - 112	97%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	51000	7.806			
540-36-3	1,4-Difluorobenzene	276000	9.082			
3114-55-4	Chlorobenzene-d5	252000	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\VN082025\
Data File : VN087610.D
Acq On : 20 Aug 2025 12:19
Operator : JC\MD
Sample : Q2902-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 21 02:42:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations APPROVED

Reviewed By :John Carlone

08/21/2025
Supervised By :Mahesh Dadoda

08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.806	128	50973	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	275779	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	252017	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	140248	29.830	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.433%				
60) 4-Bromofluorobenzene	12.829	95	126193	29.096	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.000%				
63) Toluene-d8	10.547	98	347386	29.958	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.867%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	57826	17.376	ug/l		95
3) Chloromethane	2.389	50	58556	17.149	ug/l		96
4) Vinyl Chloride	2.536	62	66404	18.336	ug/l		96
5) Bromomethane	2.977	94	34485	17.592	ug/l		88
6) Chloroethane	3.136	64	43544	18.646	ug/l		96
7) Trichlorofluoromethane	3.506	101	102202	19.609	ug/l		99
8) Diethyl Ether	3.965	74	43643	20.099	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.365	101	54320	20.438	ug/l		97
10) 1,1-Dichloroethene	4.336	96	54720	19.601	ug/l		92
11) Methyl Iodide	4.583	142	28507	12.968	ug/l		98
12) Methyl Acetate	5.018	43	103815	20.151	ug/l		97
13) Acrolein	4.171	56	104554	132.875	ug/l		95
14) Acrylonitrile	5.706	53	210291	93.478	ug/l		90
15) Acetone	4.424	58	437593	680.789	ug/l		99
16) Carbon Disulfide	4.700	76	143842	16.610	ug/l		96
17) Allyl chloride	5.012	41	98235	17.264	ug/l		98
18) Methylene Chloride	5.259	84	66437	18.486	ug/l		92
19) trans-1,2-Dichloroethene	5.783	96	59317m	17.867	ug/l		
20) Diisopropyl ether	6.659	45	224304	17.304	ug/l		96
21) 1,1-Dichloroethane	6.553	63	121494	18.132	ug/l		97
22) cis-1,2-Dichloroethene	7.477	96	74151	18.153	ug/l		95
23) tert-Butyl Alcohol	5.530	59	97790	102.299	ug/l	#	100
24) Methyl tert-Butyl Ether	5.794	73	228636	17.973	ug/l		97
25) Chloroform	7.953	83	216256	30.919	ug/l		96
26) Cyclohexane	8.241	56	90204	16.814	ug/l	#	94
29) 1,1-Dichloropropene	8.359	75	82031	18.237	ug/l		100
30) 2-Butanone	7.471	43	331697	100.043	ug/l		98
31) 2,2-Dichloropropane	7.477	77	104806	18.066	ug/l	#	85
32) 1,1,1-Trichloroethane	8.153	97	107594	18.755	ug/l		95
33) Carbon Tetrachloride	8.347	117	87085	18.273	ug/l		90
34) Benzene	8.588	78	264834	18.652	ug/l		95
35) Methacrylonitrile	7.771	41	65547	18.320	ug/l		95
36) 1,2-Dichloroethane	8.659	62	104757	18.254	ug/l		99
37) Trichloroethene	9.335	130	57627	18.425	ug/l		94
38) Methylcyclohexane	9.582	83	91656	17.565	ug/l		95
39) 1,2-Dichloropropane	9.600	63	67672	18.589	ug/l		94
40) Dibromomethane	9.688	93	52422	19.192	ug/l		98
41) Bromodichloromethane	9.871	83	123714	21.797	ug/l		98
42) Vinyl Acetate	6.588	43	960141	87.936	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087610.D
Acq On : 20 Aug 2025 12:19
Operator : JC\MD
Sample : Q2902-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 21 02:42:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations APPROVED

Reviewed By :John Carlone

08/21/2025

Supervised By :Mahesh Dadoda

08/25/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Ethyl Acetate	7.547	43	122132	19.068 ug/l	99
44) Isopropyl Acetate	8.677	43	199877	18.409 ug/l	99
45) 1,4-Dioxane	9.682	88	31004	447.928 ug/l #	91
46) Methyl methacrylate	9.665	41	88006	17.171 ug/l	91
47) n-amyl Acetate	12.612	43	108845m	18.147 ug/l	
48) t-1,3-Dichloropropene	10.818	75	106833	17.301 ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	111466	17.937 ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	67190	19.470 ug/l	95
51) Ethyl methacrylate	10.853	69	103557	17.039 ug/l	93
52) 1,3-Dichloropropane	11.147	76	113929	18.324 ug/l	97
53) Dibromochloromethane	11.335	129	81285	20.395 ug/l	96
54) 1,2-Dibromoethane	11.447	107	67440	18.409 ug/l	100
56) Bromoform	12.559	173	47759	18.117 ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	613509	94.633 ug/l	99
59) 2-Hexanone	11.182	43	388929	88.294 ug/l	100
61) Tetrachloroethene	11.082	164	45807	18.657 ug/l	93
62) Toluene	10.612	91	281103	18.072 ug/l	98
64) Chlorobenzene	11.870	112	170870	17.878 ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	61453	18.288 ug/l	98
66) Ethyl Benzene	11.947	91	310502	17.910 ug/l	95
67) m/p-Xylenes	12.053	106	225758	35.476 ug/l	98
68) o-Xylene	12.376	106	111055	17.739 ug/l	97
69) Styrene	12.388	104	187109	17.503 ug/l	98
70) Isopropylbenzene	12.670	105	284147	17.865 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	105317	19.325 ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	101795m	20.051 ug/l	
73) Bromobenzene	12.959	156	68024	18.449 ug/l	97
74) n-propylbenzene	13.017	91	357358	17.990 ug/l	100
75) 2-Chlorotoluene	13.106	91	219624	17.974 ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	244079	17.922 ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	30885	16.070 ug/l	93
78) 4-Chlorotoluene	13.200	91	227224	18.350 ug/l	98
79) tert-butylbenzene	13.417	119	207371	18.060 ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	244067	17.935 ug/l	99
81) sec-Butylbenzene	13.594	105	304284	18.203 ug/l	99
82) p-Isopropyltoluene	13.706	119	248191	17.882 ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	129613	18.460 ug/l	96
84) 1,4-Dichlorobenzene	13.788	146	134105	18.839 ug/l	99
85) n-Butylbenzene	14.035	91	248328	18.287 ug/l	98
86) Hexachloroethane	14.306	117	48153	17.767 ug/l	98
87) 1,2-Dichlorobenzene	14.088	146	126573	18.885 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	24476	17.729 ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	74796	18.673 ug/l	98
90) Hexachlorobutadiene	15.470	225	29310	18.818 ug/l	97
91) Naphthalene	15.617	128	275531	18.041 ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	74796	18.673 ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087610.D
Acq On : 20 Aug 2025 12:19
Operator : JC\MD
Sample : Q2902-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 21 02:42:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

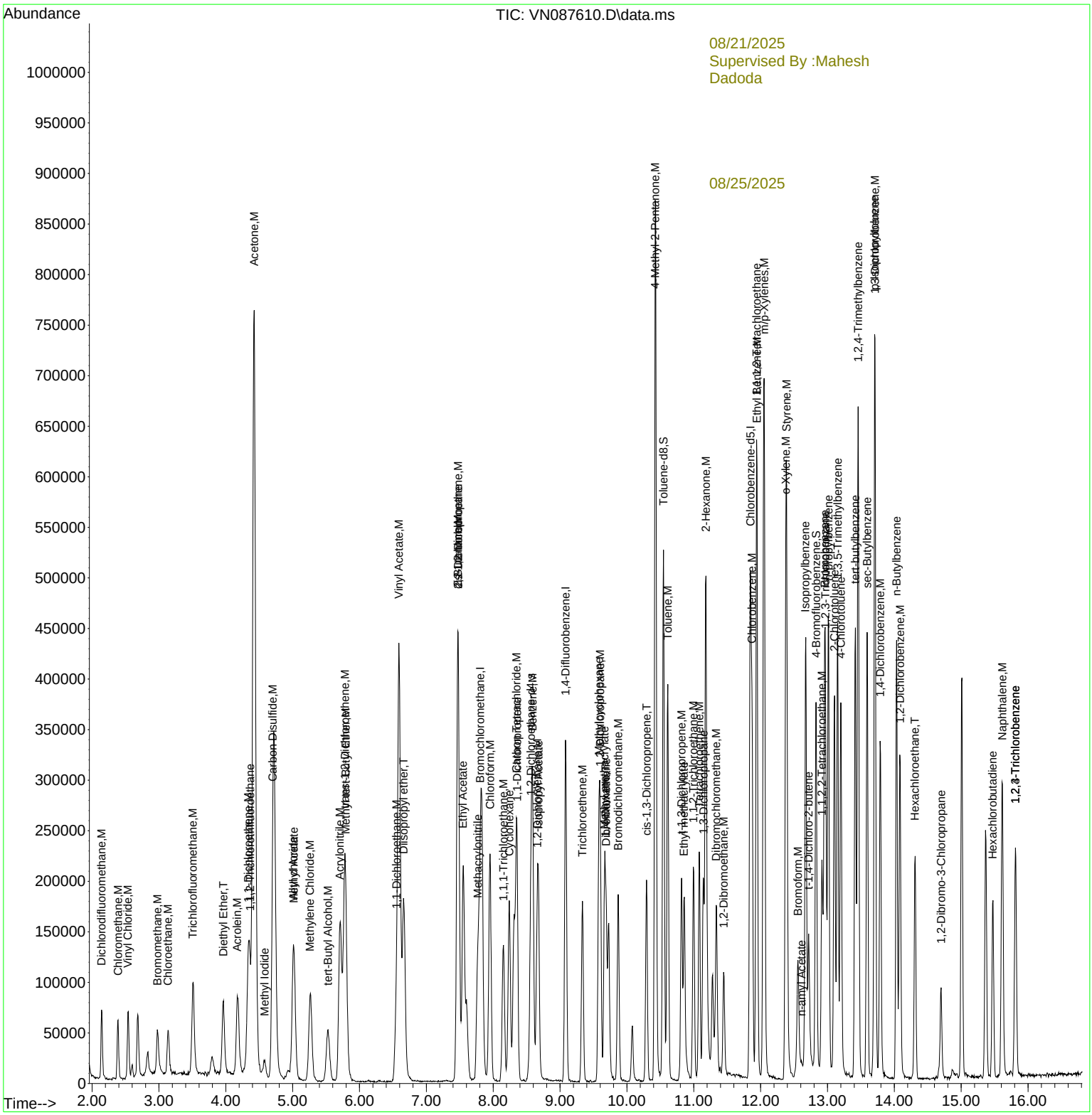
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations APPROVED

Reviewed By :John Carlone

08/21/2025
Supervised By :Mahesh Dadoda

08/25/2025



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

Manual Integration Report

Sequence:	vn080525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN087452.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:44:05 AM	MMDadoda	8/6/2025 9:39:20 AM	Peak Integrated by Software
VSTDICC005	VN087452.D	Ethyl Acetate	JOHN	8/6/2025 8:44:05 AM	MMDadoda	8/6/2025 9:39:20 AM	Peak Integrated by Software
VSTDICC005	VN087452.D	Methyl Iodide	JOHN	8/6/2025 8:44:05 AM	MMDadoda	8/6/2025 9:39:20 AM	Peak Integrated by Software
VSTDICC005	VN087452.D	n-amyl Acetate	JOHN	8/6/2025 8:44:05 AM	MMDadoda	8/6/2025 9:39:20 AM	Peak Integrated by Software
VSTDICC005	VN087452.D	trans-1,2-Dichloroethene	JOHN	8/6/2025 8:44:05 AM	MMDadoda	8/6/2025 9:39:20 AM	Peak Integrated by Software
VSTDICCC020	VN087453.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:44:09 AM	MMDadoda	8/6/2025 9:39:23 AM	Peak Integrated by Software
VSTDICCC020	VN087453.D	Ethyl Acetate	JOHN	8/6/2025 8:44:09 AM	MMDadoda	8/6/2025 9:39:23 AM	Peak Integrated by Software
VSTDICCC020	VN087453.D	Methyl Iodide	JOHN	8/6/2025 8:44:09 AM	MMDadoda	8/6/2025 9:39:23 AM	Peak Integrated by Software
VSTDICCC020	VN087453.D	Methylene Chloride	JOHN	8/6/2025 8:44:09 AM	MMDadoda	8/6/2025 9:39:23 AM	Peak Integrated by Software
VSTDICCC020	VN087453.D	n-amyl Acetate	JOHN	8/6/2025 8:44:09 AM	MMDadoda	8/6/2025 9:39:23 AM	Peak Integrated by Software
VSTDICC050	VN087454.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:44:15 AM	MMDadoda	8/6/2025 9:39:27 AM	Peak Integrated by Software
VSTDICC050	VN087454.D	n-amyl Acetate	JOHN	8/6/2025 8:44:15 AM	MMDadoda	8/6/2025 9:39:27 AM	Peak Integrated by Software
VSTDICC100	VN087455.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:44:19 AM	MMDadoda	8/6/2025 9:39:30 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn080525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC150	VN087456.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:44:24 AM	MMDadoda	8/6/2025 9:39:31 AM	Peak Integrated by Software
VSTDICV020	VN087458.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:44:28 AM	MMDadoda	8/6/2025 9:39:41 AM	Peak Integrated by Software
VSTDICV020	VN087458.D	n-amyl Acetate	JOHN	8/6/2025 8:44:28 AM	MMDadoda	8/6/2025 9:39:41 AM	Peak Integrated by Software
VSTDCCC020	VN087466.D	1,2,3-Trichloropropane	JOHN	8/6/2025 8:45:09 AM	MMDadoda	8/6/2025 9:39:51 AM	Peak Integrated by Software
VSTDCCC020	VN087466.D	Ethyl Acetate	JOHN	8/6/2025 8:45:09 AM	MMDadoda	8/6/2025 9:39:51 AM	Peak Integrated by Software
VSTDCCC020	VN087466.D	n-amyl Acetate	JOHN	8/6/2025 8:45:09 AM	MMDadoda	8/6/2025 9:39:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN082025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VN087603.D	1,2,3-Trichloropropane	JOHN	8/21/2025 8:41:00 AM	MMDadoda	8/22/2025 1:14:51 AM	Peak Integrated by Software
VSTDCCC020	VN087603.D	1,4-Dioxane	JOHN	8/21/2025 8:41:00 AM	MMDadoda	8/22/2025 1:14:51 AM	Peak Integrated by Software
VSTDCCC020	VN087603.D	Methyl Iodide	JOHN	8/21/2025 8:41:00 AM	MMDadoda	8/22/2025 1:14:51 AM	Peak Integrated by Software
VSTDCCC020	VN087603.D	n-amyl Acetate	JOHN	8/21/2025 8:41:00 AM	MMDadoda	8/22/2025 1:14:51 AM	Peak Integrated by Software
VN0820WBS01	VN087604.D	1,2,3-Trichloropropane	JOHN	8/21/2025 8:41:05 AM	MMDadoda	8/22/2025 1:14:35 AM	Peak Integrated by Software
VN0820WBS01	VN087604.D	n-amyl Acetate	JOHN	8/21/2025 8:41:05 AM	MMDadoda	8/22/2025 1:14:35 AM	Peak Integrated by Software
VN0820WBS01	VN087604.D	t-1,4-Dichloro-2-butene	JOHN	8/21/2025 8:41:05 AM	MMDadoda	8/22/2025 1:14:35 AM	Peak Integrated by Software
Q2902-04	VN087607.D	Methyl Acetate	JOHN	8/21/2025 8:41:16 AM	MMDadoda	8/22/2025 1:14:38 AM	Peak Integrated by Software
Q2902-02MS	VN087609.D	1,2,3-Trichloropropane	JOHN	8/21/2025 8:41:21 AM	MMDadoda	8/25/2025 8:09:42 AM	Peak Integrated by Software
Q2902-02MS	VN087609.D	Methyl Iodide	JOHN	8/21/2025 8:41:21 AM	MMDadoda	8/25/2025 8:09:42 AM	Peak Integrated by Software
Q2902-02MS	VN087609.D	n-amyl Acetate	JOHN	8/21/2025 8:41:21 AM	MMDadoda	8/25/2025 8:09:42 AM	Peak Integrated by Software
Q2902-02MS	VN087609.D	trans-1,2-Dichloroethene	JOHN	8/21/2025 8:41:21 AM	MMDadoda	8/25/2025 8:09:42 AM	Peak Integrated by Software
Q2902-03MSD	VN087610.D	1,2,3-Trichloropropane	JOHN	8/21/2025 8:41:26 AM	MMDadoda	8/25/2025 8:09:44 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN082025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2902-03MSD	VN087610.D	n-amyl Acetate	JOHN	8/21/2025 8:41:26 AM	MMDadoda	8/25/2025 8:09:44 AM	Peak Integrated by Software
Q2902-03MSD	VN087610.D	trans-1,2-Dichloroethene	JOHN	8/21/2025 8:41:26 AM	MMDadoda	8/25/2025 8:09:44 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN080525

Review By	John Carlone	Review On	8/6/2025 8:45:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/6/2025 9:40:10 AM		
SubDirectory	VN080525	HP Acquire Method		HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134999
Initial Calibration Stds	VP135004,VP135005,VP135006,VP135007,VP135008
CCC	VP135003,VP135010
Internal Standard/PEM	
ICV/I.BLK	VP135009
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087447.D	05 Aug 2025 09:27	JC\MD	Ok
2	VSTDCCC020	VN087448.D	05 Aug 2025 10:06	JC\MD	Not Ok
3	VN0805WBS01	VN087449.D	05 Aug 2025 11:21	JC\MD	Not Ok
4	VN0805WBSD01	VN087450.D	05 Aug 2025 12:02	JC\MD	Not Ok
5	VN0805WBL01	VN087451.D	05 Aug 2025 12:58	JC\MD	Not Ok
6	VSTDICC005	VN087452.D	05 Aug 2025 13:37	JC\MD	Ok,M
7	VSTDICCC020	VN087453.D	05 Aug 2025 13:58	JC\MD	Ok,M
8	VSTDICC050	VN087454.D	05 Aug 2025 14:19	JC\MD	Ok,M
9	VSTDICC100	VN087455.D	05 Aug 2025 14:40	JC\MD	Ok,M
10	VSTDICC150	VN087456.D	05 Aug 2025 15:01	JC\MD	Ok,M
11	IBLK	VN087457.D	05 Aug 2025 15:22	JC\MD	Ok
12	VSTDICV020	VN087458.D	05 Aug 2025 15:43	JC\MD	Ok,M
13	VN0805WBS02	VN087459.D	05 Aug 2025 16:17	JC\MD	Ok,M
14	VN0805WBSD02	VN087460.D	05 Aug 2025 16:50	JC\MD	Ok,M
15	VN0805WBL02	VN087461.D	05 Aug 2025 17:32	JC\MD	Ok
16	Q2771-04	VN087462.D	05 Aug 2025 17:53	JC\MD	Ok
17	Q2771-01	VN087463.D	05 Aug 2025 18:14	JC\MD	Ok,M
18	Q2771-02MS	VN087464.D	05 Aug 2025 18:35	JC\MD	Ok,M
19	Q2771-03MSD	VN087465.D	05 Aug 2025 18:56	JC\MD	Ok,M
20	VSTDCCC020	VN087466.D	05 Aug 2025 19:17	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082025

Review By	John Carlone	Review On	8/21/2025 8:44:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	8/22/2025 1:15:16 AM				
SubDirectory	VN082025	HP Acquire Method	MSVOA_N		HP Processing Method	624N080525W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP135194
Initial Calibration Stds	
CCC	VP135195,VP135196
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087602.D	20 Aug 2025 08:23	JC\MD	Ok
2	VSTDCCC020	VN087603.D	20 Aug 2025 08:58	JC\MD	Ok,M
3	VN0820WBS01	VN087604.D	20 Aug 2025 09:32	JC\MD	Ok,M
4	VN0820WBSD01	VN087605.D	20 Aug 2025 10:05	JC\MD	Ok,M
5	VN0820WBL01	VN087606.D	20 Aug 2025 10:39	JC\MD	Ok
6	Q2902-04	VN087607.D	20 Aug 2025 11:14	JC\MD	Ok,M
7	Q2902-01	VN087608.D	20 Aug 2025 11:36	JC\MD	Ok
8	Q2902-02MS	VN087609.D	20 Aug 2025 11:57	JC\MD	Ok,M
9	Q2902-03MSD	VN087610.D	20 Aug 2025 12:19	JC\MD	Ok,M
10	IBLK	VN087611.D	20 Aug 2025 12:41	JC\MD	Ok,M
11	Q2904-01	VN087612.D	20 Aug 2025 13:03	JC\MD	Ok,M
12	Q2904-02	VN087613.D	20 Aug 2025 13:25	JC\MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN080525

Review By	John Carlone	Review On	8/6/2025 8:45:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/6/2025 9:40:10 AM		
SubDirectory	VN080525	HP Acquire Method		HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134999
Initial Calibration Stds	VP135004,VP135005,VP135006,VP135007,VP135008
CCC	VP135003,VP135010
Internal Standard/PEM	
ICV/I.BLK	VP135009
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087447.D	05 Aug 2025 09:27		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087448.D	05 Aug 2025 10:06	Need ICAL	JC\MD	Not Ok
3	VN0805WBS01	VN0805WBS01	VN087449.D	05 Aug 2025 11:21		JC\MD	Not Ok
4	VN0805WBSD01	VN0805WBSD01	VN087450.D	05 Aug 2025 12:02		JC\MD	Not Ok
5	VN0805WBL01	VN0805WBL01	VN087451.D	05 Aug 2025 12:58		JC\MD	Not Ok
6	VSTDICC005	VSTDICC005	VN087452.D	05 Aug 2025 13:37		JC\MD	Ok,M
7	VSTDICCC020	VSTDICCC020	VN087453.D	05 Aug 2025 13:58		JC\MD	Ok,M
8	VSTDICC050	VSTDICC050	VN087454.D	05 Aug 2025 14:19		JC\MD	Ok,M
9	VSTDICC100	VSTDICC100	VN087455.D	05 Aug 2025 14:40		JC\MD	Ok,M
10	VSTDICC150	VSTDICC150	VN087456.D	05 Aug 2025 15:01		JC\MD	Ok,M
11	IBLK	IBLK	VN087457.D	05 Aug 2025 15:22		JC\MD	Ok
12	VSTDICV020	ICVVN080525	VN087458.D	05 Aug 2025 15:43	pH#Lot#V12668	JC\MD	Ok,M
13	VN0805WBS02	VN0805WBS02	VN087459.D	05 Aug 2025 16:17		JC\MD	Ok,M
14	VN0805WBSD02	VN0805WBSD02	VN087460.D	05 Aug 2025 16:50		JC\MD	Ok,M
15	VN0805WBL02	VN0805WBL02	VN087461.D	05 Aug 2025 17:32		JC\MD	Ok
16	Q2771-04	002-35TH-AVE(JUNE)	VN087462.D	05 Aug 2025 17:53	vial A pH<2	JC\MD	Ok
17	Q2771-01	001-WILLETS-PT-BLVD	VN087463.D	05 Aug 2025 18:14	vial A pH<2	JC\MD	Ok,M
18	Q2771-02MS	001-WILLETS-PT-BLVD	VN087464.D	05 Aug 2025 18:35	vial A pH<2	JC\MD	Ok,M

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN080525

Review By	John Carlone	Review On	8/6/2025 8:45:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/6/2025 9:40:10 AM		
SubDirectory	VN080525	HP Acquire Method		HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134999
Initial Calibration Stds	VP135004,VP135005,VP135006,VP135007,VP135008
CCC	VP135003,VP135010
Internal Standard/PEM	
ICV/I.BLK	VP135009
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2771-03MSD	001-WILLETS-PT-BLVD	VN087465.D	05 Aug 2025 18:56	vial A pH<2	JC\MD	Ok,M
20	VSTDCCC020	VSTDCCC020EC	VN087466.D	05 Aug 2025 19:17		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082025

Review By	John Carlone	Review On	8/21/2025 8:44:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/22/2025 1:15:16 AM		
SubDirectory	VN082025	HP Acquire Method	MSVOA_N	HP Processing Method	624N080525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135194
Initial Calibration Stds	
CCC	VP135195,VP135196
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	VN087602.D	20 Aug 2025 08:23		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087603.D	20 Aug 2025 08:58	pH#Lot#V12668	JC\MD	Ok,M
3	VN0820WBS01	VN0820WBS01	VN087604.D	20 Aug 2025 09:32		JC\MD	Ok,M
4	VN0820WBSD01	VN0820WBSD01	VN087605.D	20 Aug 2025 10:05		JC\MD	Ok,M
5	VN0820WBL01	VN0820WBL01	VN087606.D	20 Aug 2025 10:39		JC\MD	Ok
6	Q2902-04	OUTFALL-DSN-002	VN087607.D	20 Aug 2025 11:14	vial A pH<2	JC\MD	Ok,M
7	Q2902-01	OUTFALL-DSN-001	VN087608.D	20 Aug 2025 11:36	vial A pH<2	JC\MD	Ok
8	Q2902-02MS	OUTFALL-DSN-001MS	VN087609.D	20 Aug 2025 11:57	vial A pH<2	JC\MD	Ok,M
9	Q2902-03MSD	OUTFALL-DSN-001MS	VN087610.D	20 Aug 2025 12:19	vial A pH<2	JC\MD	Ok,M
10	IBLK	IBLK	VN087611.D	20 Aug 2025 12:41		JC\MD	Ok,M
11	Q2904-01	001 willets Pt Blvd(july)	VN087612.D	20 Aug 2025 13:03	vial A pH<2	JC\MD	Ok,M
12	Q2904-02	002 35th Ave (JULY)	VN087613.D	20 Aug 2025 13:25	vial A pH<2	JC\MD	Ok

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 2902
COC Number 2045348

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Tris Pharma, INC.
ADDRESS: 2033 ROUTE 130
CITY MONMOUTH JUNCTION STATE: NJ ZIP: 08852
ATTENTION: Nikki TIERNEY
PHONE: 732-823-4398 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: QUARTERLY
PROJECT NO.: LOCATION:
PROJECT MANAGER: Nikki TIERNEY
e-mail: NMTIERNEY@trispharma.com
PHONE: SAME FAX: N/A

CLIENT BILLING INFORMATION

BILL TO: PO#: 213644
ADDRESS: SAME
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

☑ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: BOD-5
2: TSS
3: METALS GRP 3
4: COD
5: VOCMS GRP 1
6: NON-POLAR MATERIAL
7:
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1. DSN-001	OUTFALL DSN-001	WW		X	8/19/25	9:59AM	7	X	X	X	X	X	X			
2. DSN-002	OUTFALL DSN-002	WW		X	8/19/25	9:15AM	7	X	X	X	X	X	X			
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

PRESERVATIVES: E E B C A C

COMMENTS

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Nikki Tierney	8/19/25 11:11AM	1. 1210 8-19-25
2.		2.
3.	DATE/TIME: 1725 8-19-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.0 °C
Comments: _____

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
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	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2902 TRIS02
Client Name : Tris Pharma, Inc.
Client Contact : Nichole Nikki Ferrari
Invoice Name : Tris Pharma, Inc.
Invoice Contact : Nichole Nikki Ferrari

Order Date : 8/19/2025 12:17:00 PM
Project Name : Quarterly
Receive DateTime : 8/19/2025 05:25:00 PM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2902-01	OUTFALL-DSN-001	Water	08/19/2025	09:59					
					VOCMS Group1		624.1		10 Bus. Days
Q2902-02	Q2902-1MS	Water	08/19/2025	09:59					
					VOCMS Group1		624.1		10 Bus. Days
Q2902-03	Q2902-1MSD	Water	08/19/2025	09:59					
					VOCMS Group1		624.1		10 Bus. Days
Q2902-04	OUTFALL-DSN-002	Water	08/19/2025	09:15					
					VOCMS Group1		624.1		10 Bus. Days

Relinguished By :
Date / Time : 8/20/25 0810

Received on 8/19/25 @ 1725
Placed in SM-REF 2

Received By : JC
Date / Time : 8/20/25 810

Storage Area : VOA Refridgerator Room