

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086819.D
 Acq On : 29 May 2025 17:01
 Operator : JC\MD
 Sample : Q2098-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 02:45:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.812	128	34206	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	199970	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	171942	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76108	32.384	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.933%			
60) 4-Bromofluorobenzene	12.847	95	78966	29.252	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.500%			
63) Toluene-d8	10.565	98	241222	30.566	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.900%			
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	44635m	14.901	ug/l	
11) Methyl Iodide	4.606	142	5738m	2.413	ug/l	
15) Acetone	4.418	58	53009	200.822	ug/l	87
25) Chloroform	7.965	83	89726	23.015	ug/l	99
41) Bromodichloromethane	9.888	83	16482	5.227	ug/l #	97

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

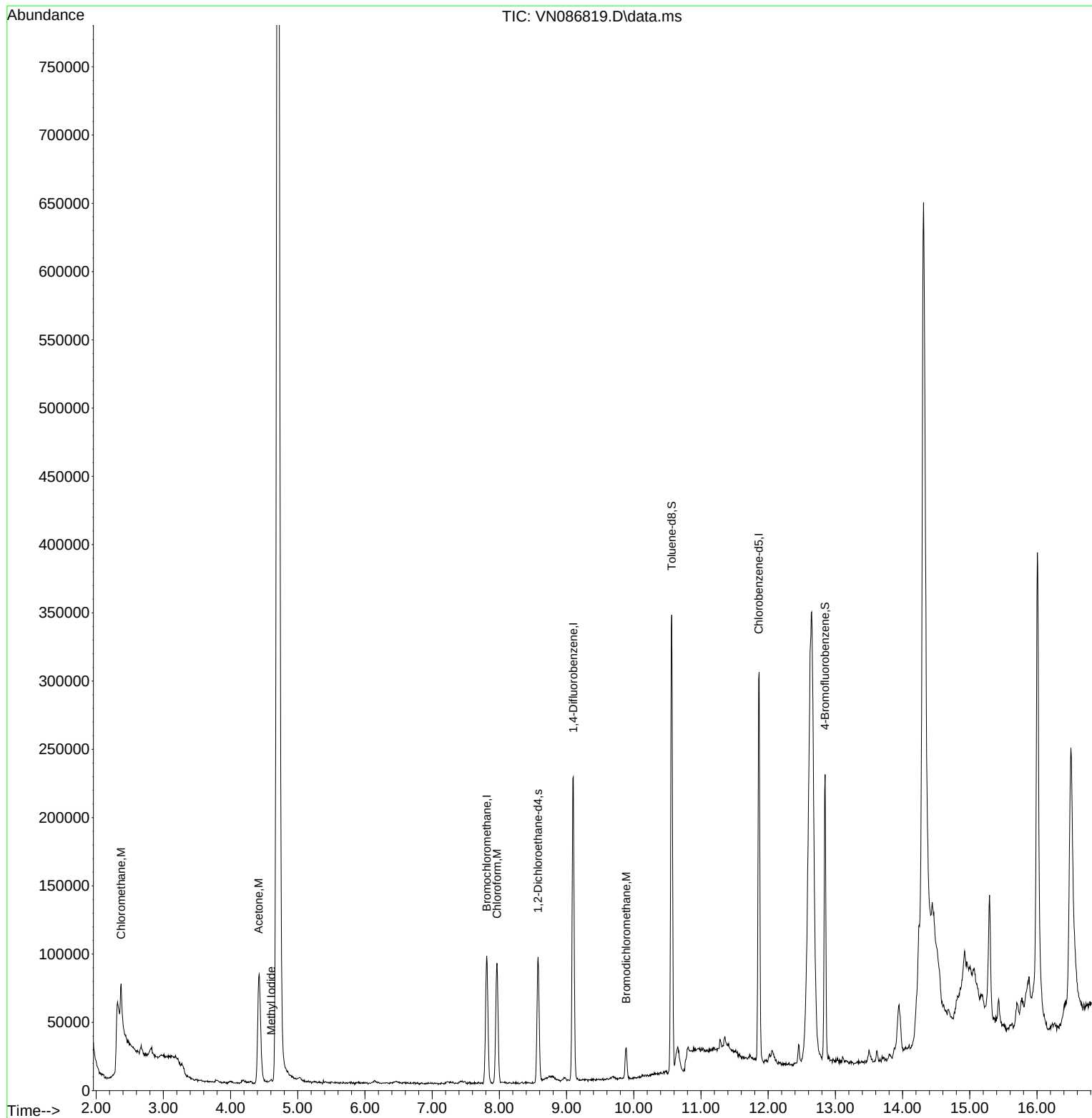
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
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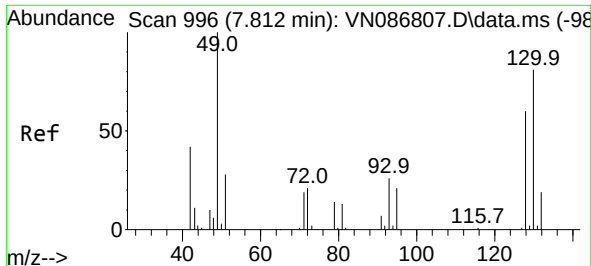
Instrument :
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Quant Time: May 30 02:45:32 2025
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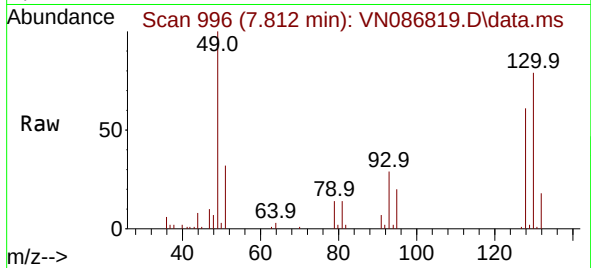
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

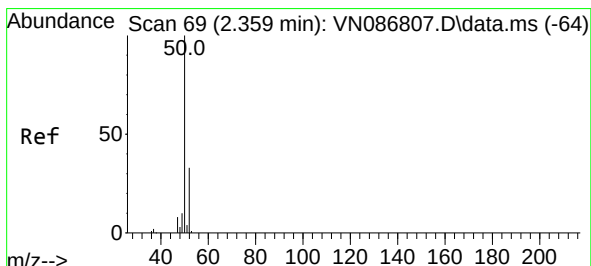
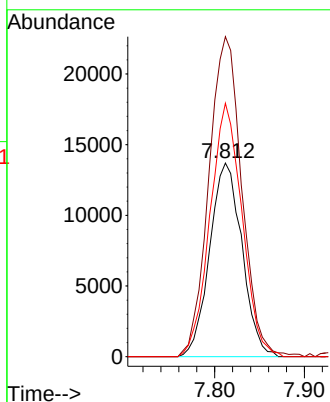
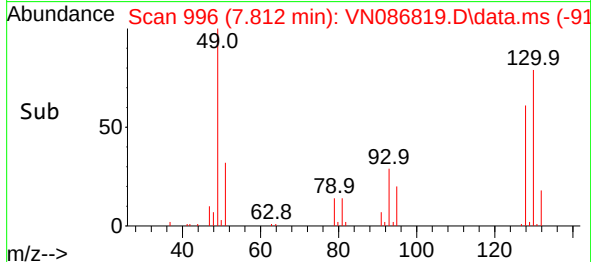
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001



Tgt Ion:128 Resp: 34200
Ion Ratio Lower Upper
128 100
49 168.5 0.0 404.5
130 130.1 0.0 322.2

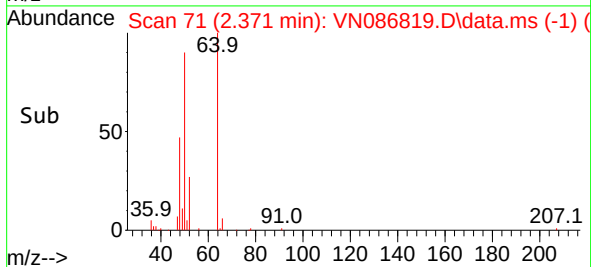
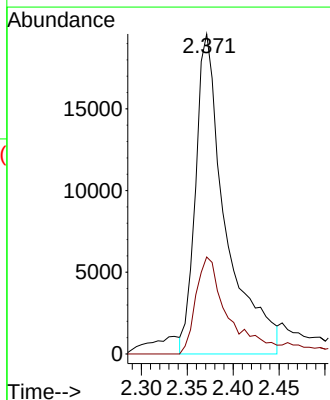
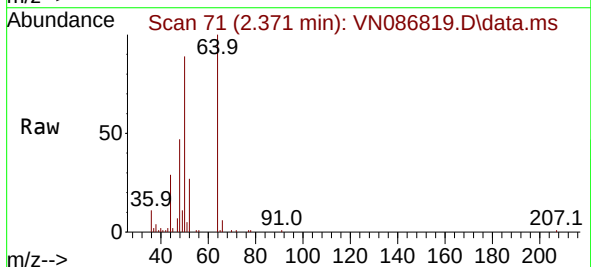
Manual Integrations
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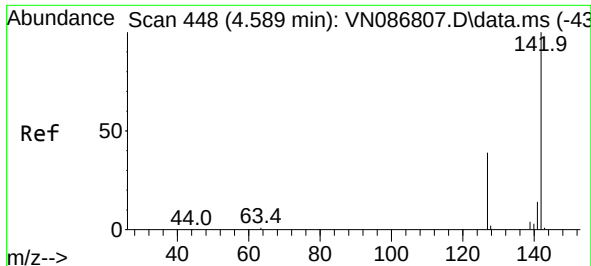
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#3
Chloromethane
Concen: 14.901 ug/l m
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

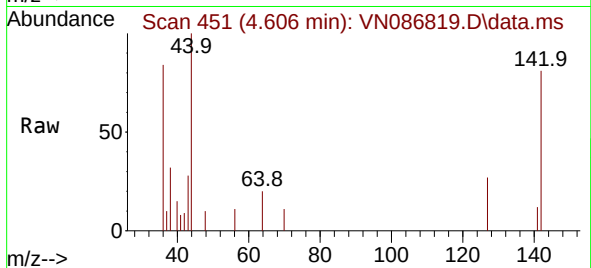
Tgt Ion: 50 Resp: 44635
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0





#11
Methyl Iodide
Concen: 2.413 ug/l m
RT: 4.606 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

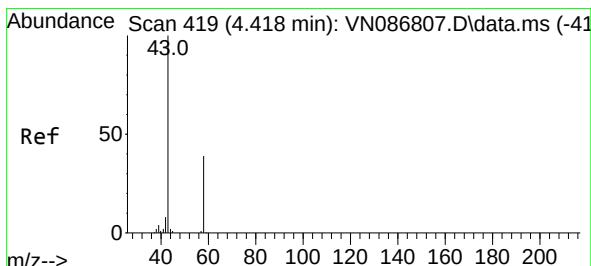
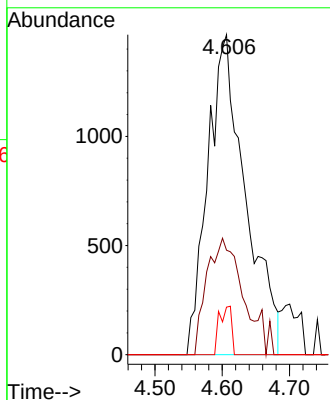
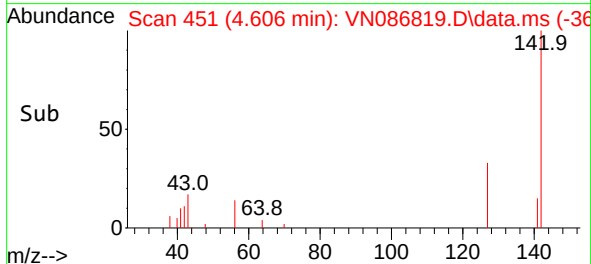
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001



Tgt Ion:142 Resp: 5738
Ion Ratio Lower Upper
142 100
127 32.7 19.5 58.5
141 14.9 7.1 21.4

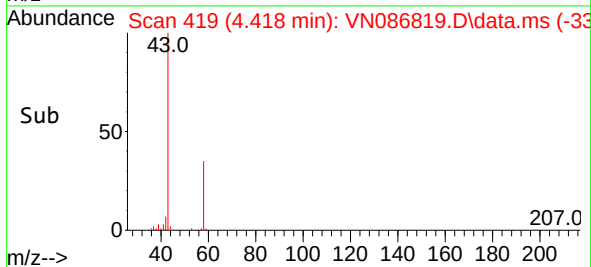
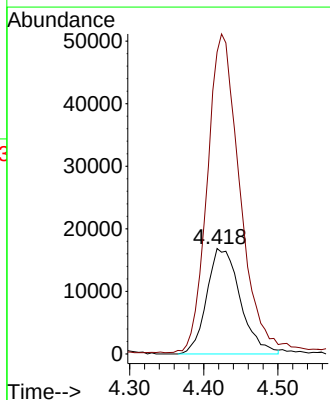
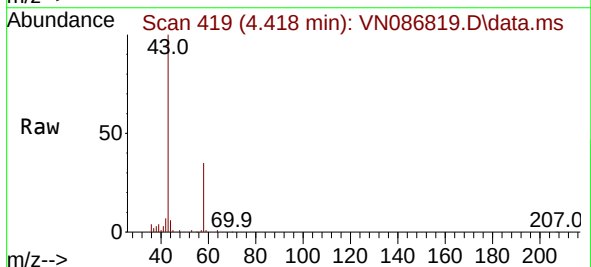
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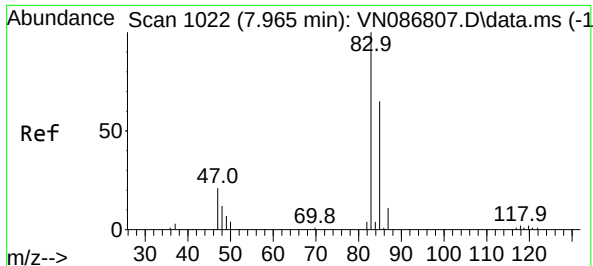
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#15
Acetone
Concen: 200.822 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 58 Resp: 53009
Ion Ratio Lower Upper
58 100
43 282.8 207.7 311.5





#25

Chloroform

Concen: 23.015 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086819.D

Acq: 29 May 2025 17:01

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001

Tgt Ion: 83 Resp: 89720

Ion Ratio Lower Upper

83 100

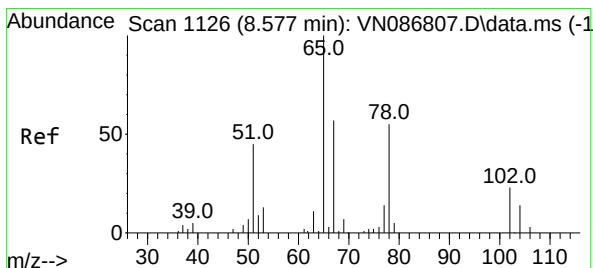
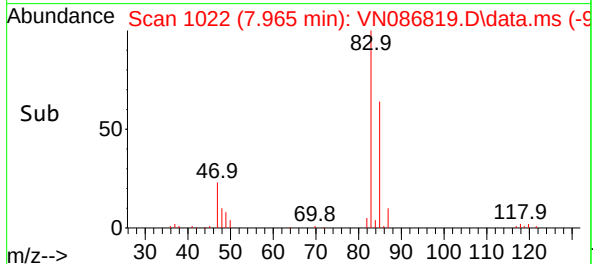
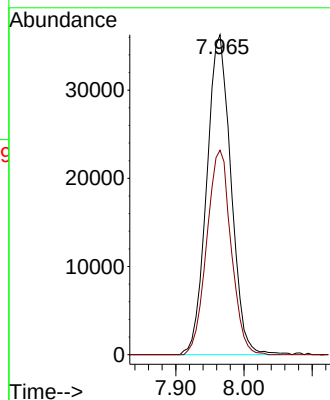
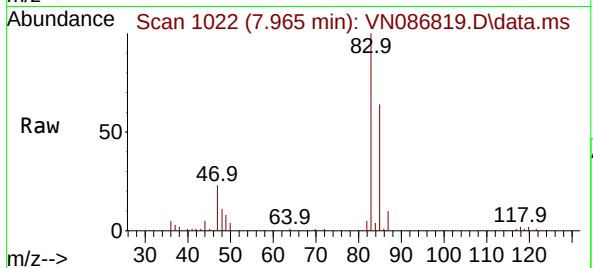
85 63.9 51.8 77.8

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 32.384 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086819.D

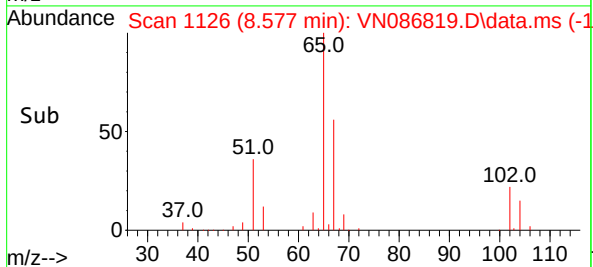
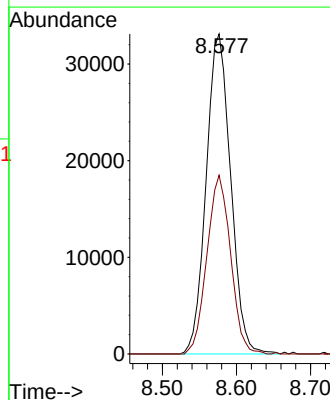
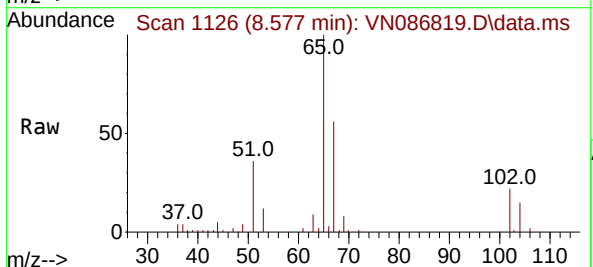
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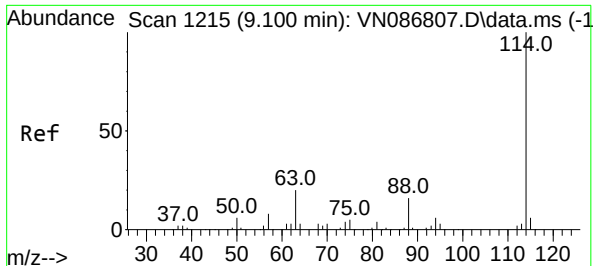
Tgt Ion: 65 Resp: 76108

Ion Ratio Lower Upper

65 100

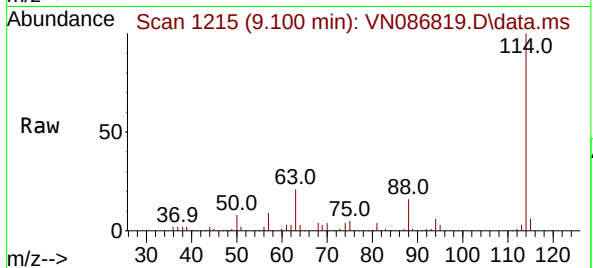
67 53.9 44.6 67.0





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

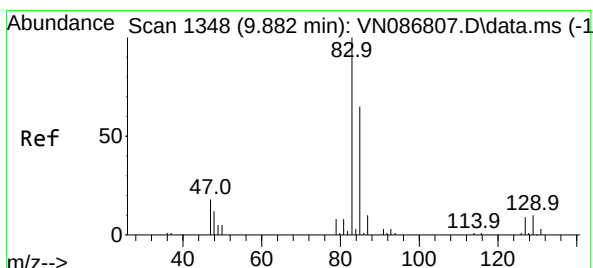
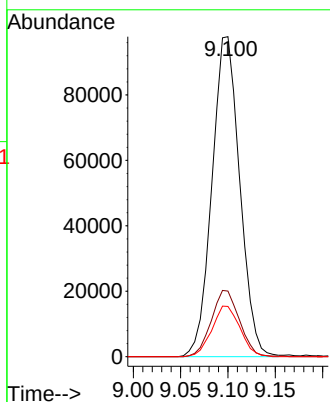
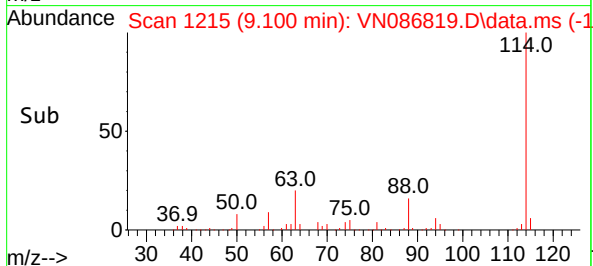
Instrument :
MSVOA_N
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OUTFALL-DSN-001



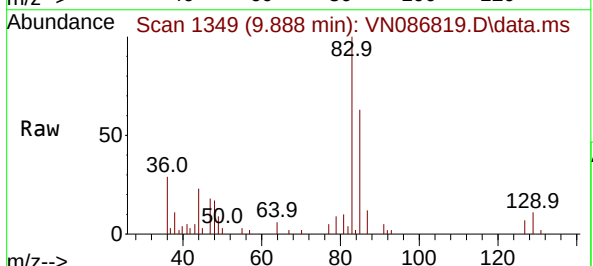
Tgt Ion:114 Resp: 199970
Ion Ratio Lower Upper
114 100
63 20.9 15.8 23.8
88 16.0 12.9 19.3

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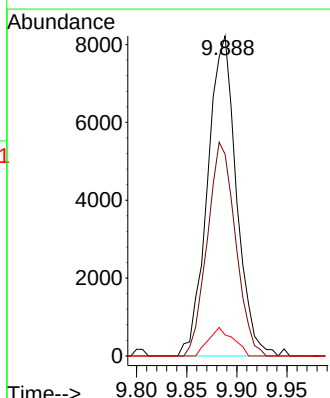
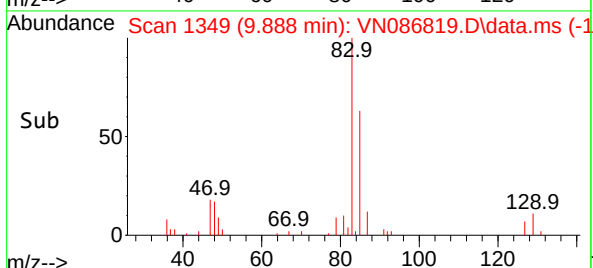
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

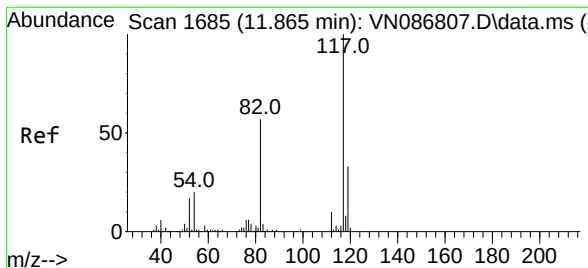


#41
Bromodichloromethane
Concen: 5.227 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01



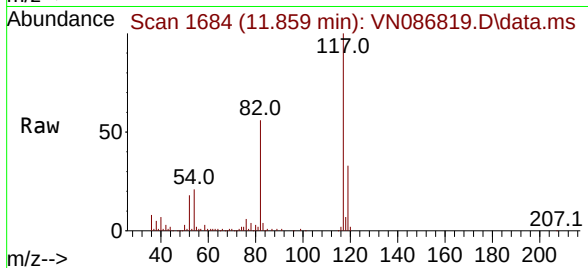
Tgt Ion: 83 Resp: 16482
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8
127 6.5 6.8 10.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

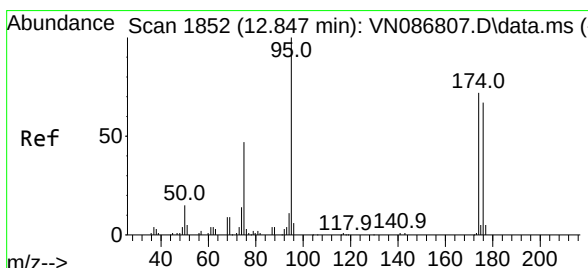
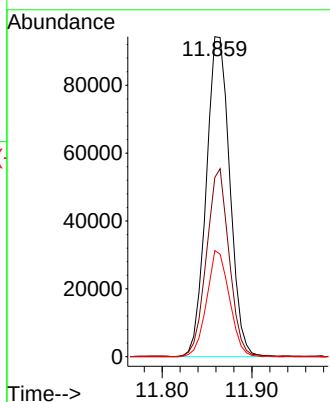
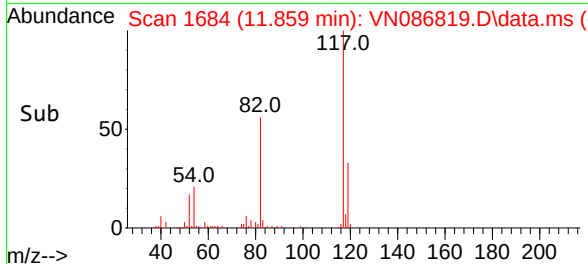
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001



Tgt Ion:117 Resp: 17194
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 32.0 25.6 38.4

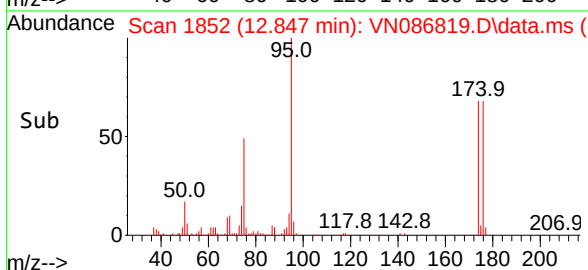
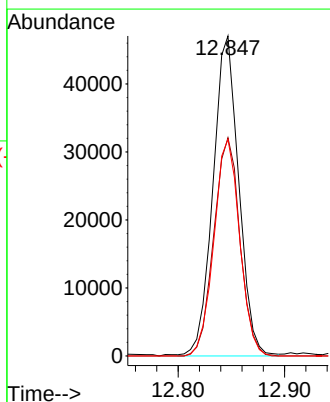
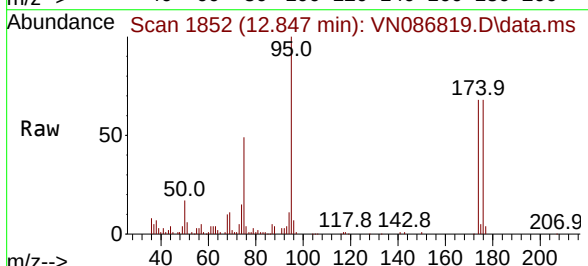
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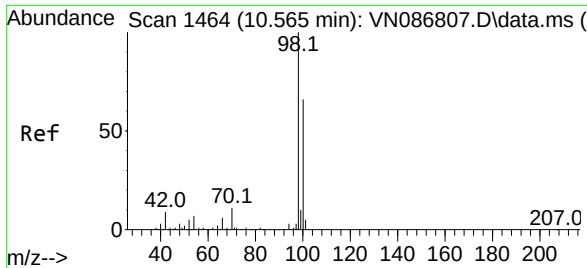
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
4-Bromofluorobenzene
Concen: 29.252 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

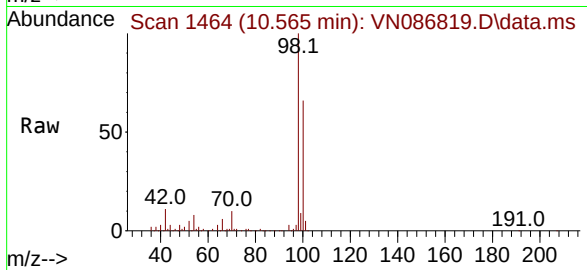
Tgt Ion: 95 Resp: 78966
Ion Ratio Lower Upper
95 100
174 69.0 56.2 84.4
176 67.4 53.4 80.0





#63
Toluene-d8
Concen: 30.566 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001



Tgt Ion: 98 Resp: 24122
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

Manual Integrations
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