

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087267.D
 Acq On : 03 Jul 2025 13:42
 Operator : JC\MD
 Sample : Q2487-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G4(1.5)

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 02:29:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	184391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134872	58.280	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.560%			
35) Dibromofluoromethane	8.171	113	116470	51.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.340%			
50) Toluene-d8	10.565	98	430068	48.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.847	95	145859	46.661	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.320%			
Target Compounds						
16) Acetone	4.447	43	36113	40.817	ug/l	96
20) Methylene Chloride	5.306	84	4307m	2.197	ug/l	
25) 2-Butanone	7.494	43	8161	5.902	ug/l	95

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

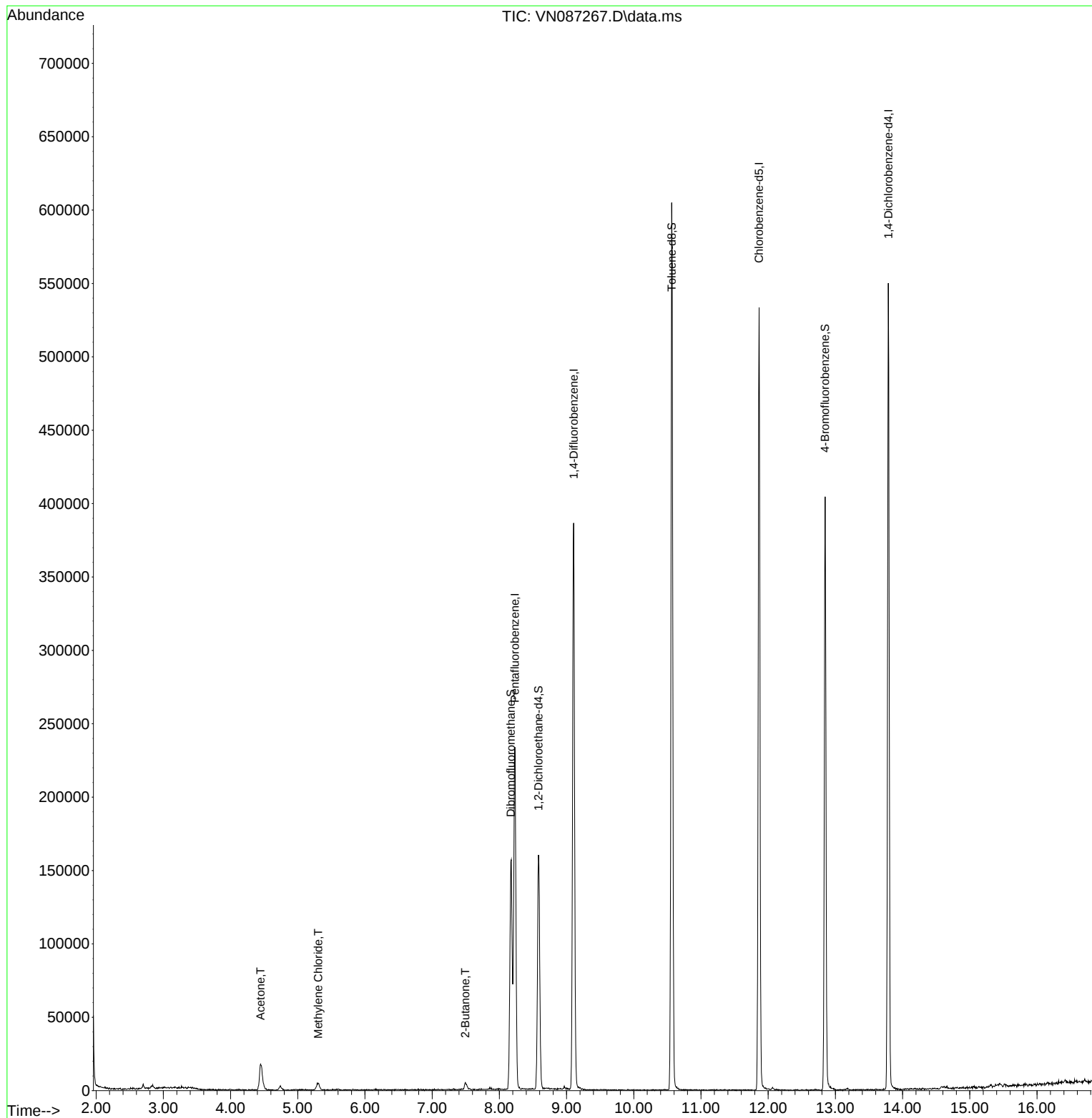
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
Data File : VN087267.D
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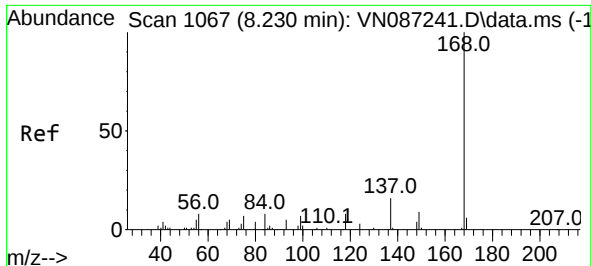
Instrument :
MSVOA_N
ClientSampleId :
G4(1.5)

Quant Time: Jul 04 02:29:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
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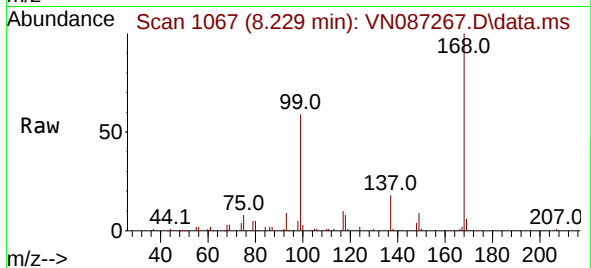
Reviewed By : John Carlone 07/07/2025
Supervised By : Mahesh Dadoda 07/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42

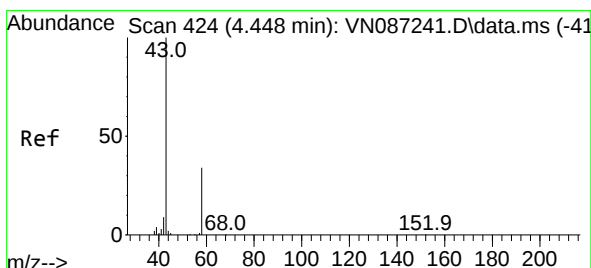
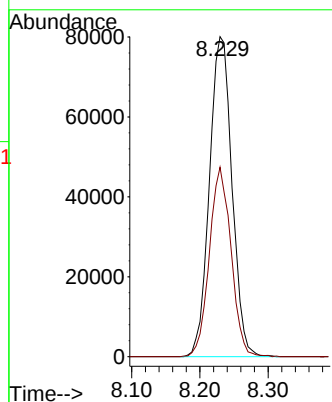
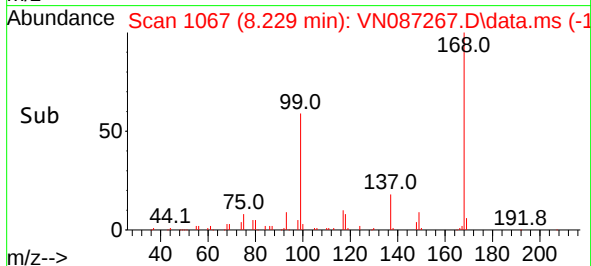
Instrument :
MSVOA_N
ClientSampleId :
G4(1.5)



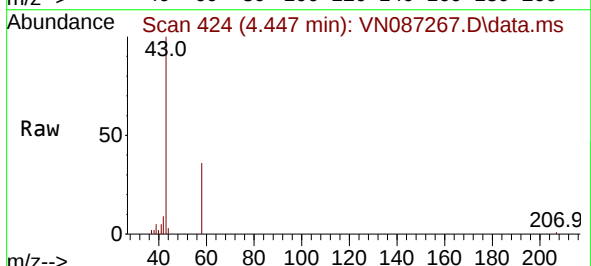
Tgt Ion:168 Resp: 18439
Ion Ratio Lower Upper
168 100
99 59.2 42.6 64.0

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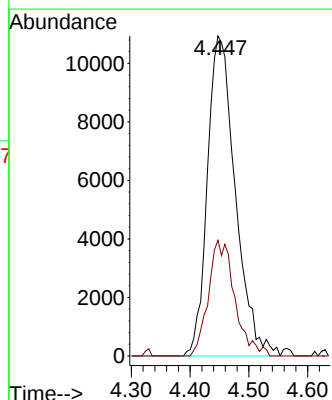
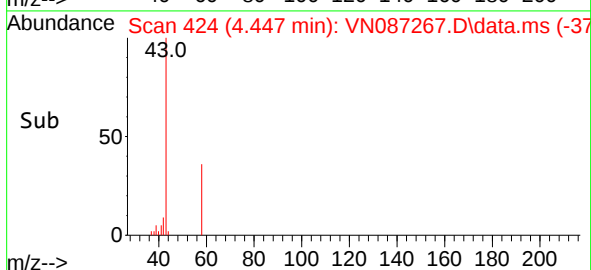
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

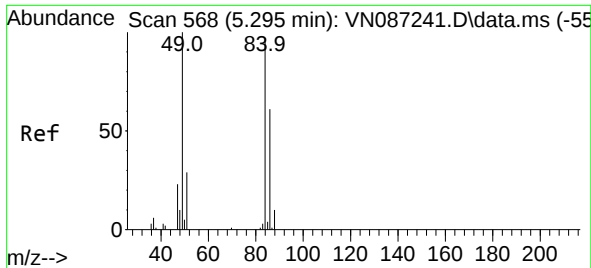


#16
Acetone
Concen: 40.817 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42



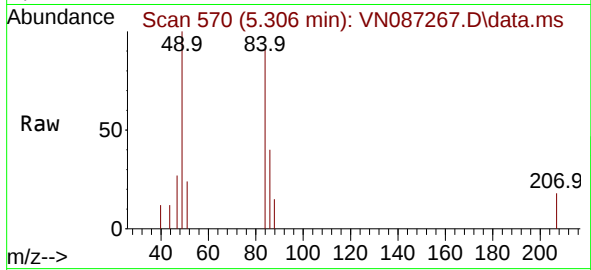
Tgt Ion: 43 Resp: 36113
Ion Ratio Lower Upper
43 100
58 36.2 27.1 40.7





#20
Methylene Chloride
Concen: 2.197 ug/l m
RT: 5.306 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42

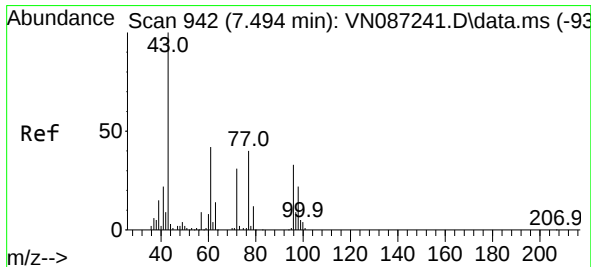
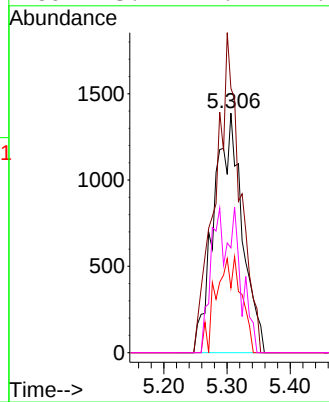
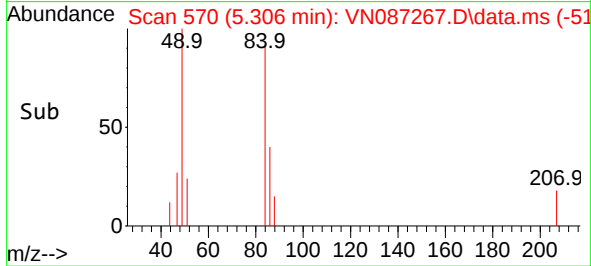
Instrument :
MSVOA_N
ClientSampleId :
G4(1.5)



Tgt Ion: 84 Resp: 430
Ion Ratio Lower Upper
84 100
49 110.3 82.1 123.1
51 27.0 23.5 35.3
86 43.7 49.7 74.5#

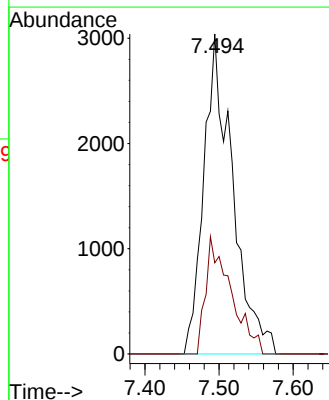
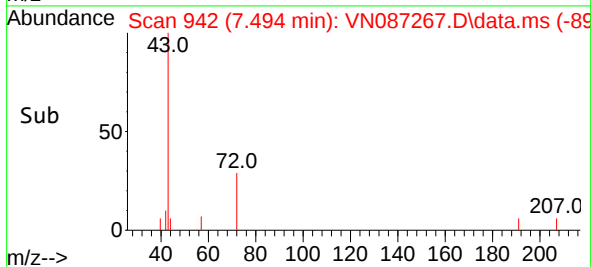
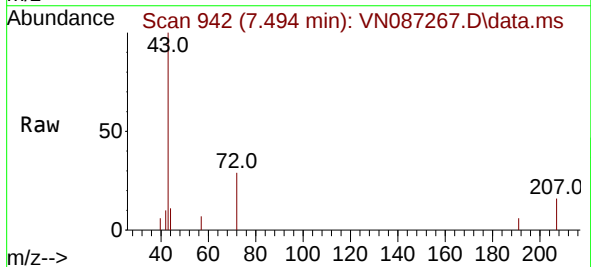
Manual Integrations
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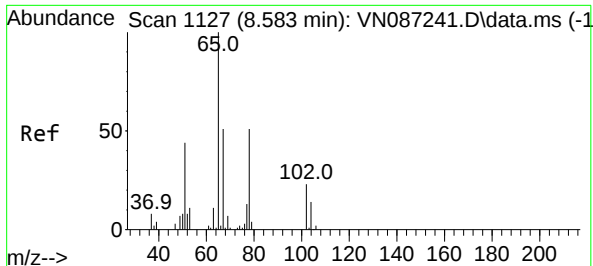
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#25
2-Butanone
Concen: 5.902 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42

Tgt Ion: 43 Resp: 8161
Ion Ratio Lower Upper
43 100
72 28.5 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 58.280 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087267.D

Acq: 03 Jul 2025 13:42

Instrument :

MSVOA_N

ClientSampleId :

G4(1.5)

Tgt Ion: 65 Resp: 134872

Ion Ratio Lower Upper

65 100

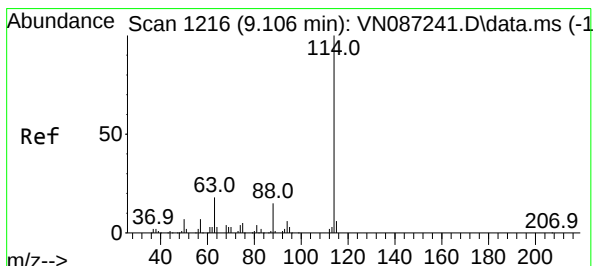
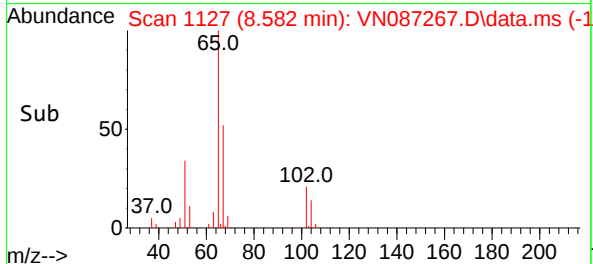
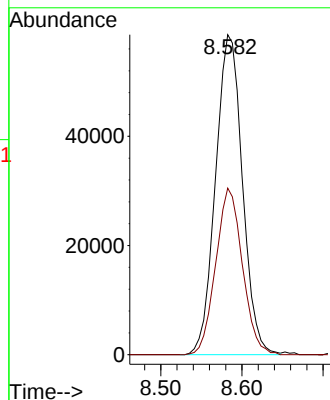
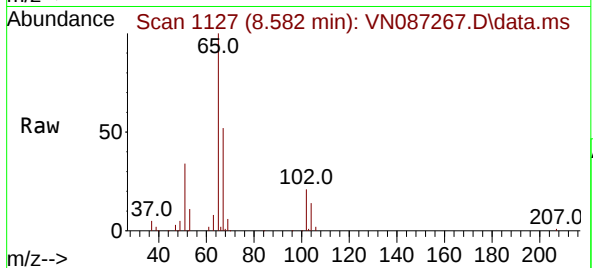
67 51.6 0.0 102.6

Manual Integrations

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Supervised By :Mahesh Dadoda 07/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087267.D

Acq: 03 Jul 2025 13:42

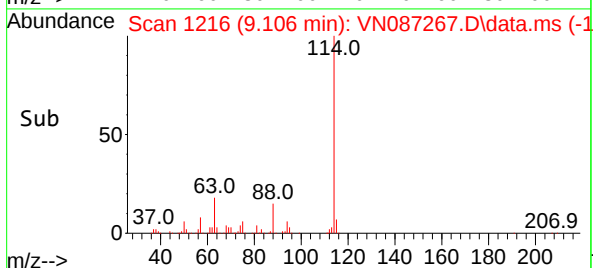
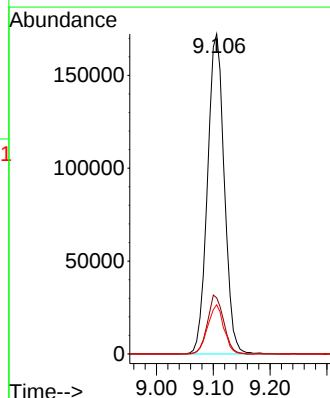
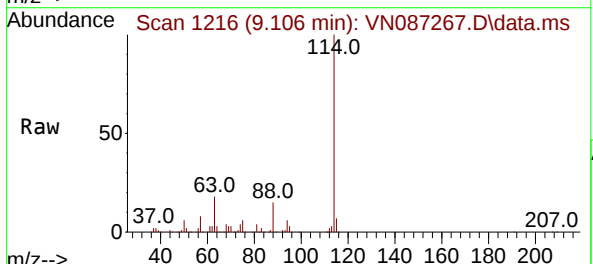
Tgt Ion:114 Resp: 352009

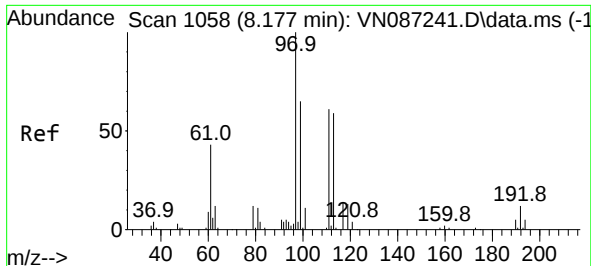
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.674 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087267.D

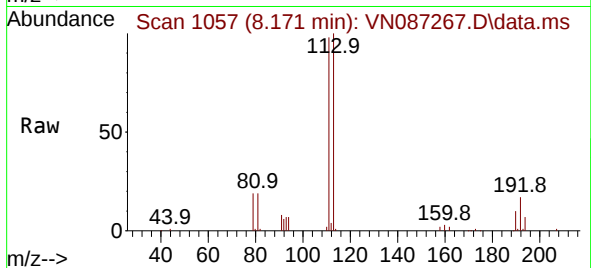
Acq: 03 Jul 2025 13:42

Instrument :

MSVOA_N

ClientSampleId :

G4(1.5)



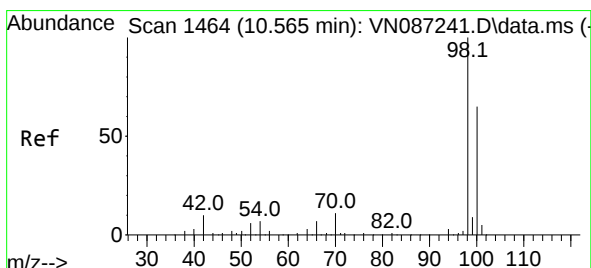
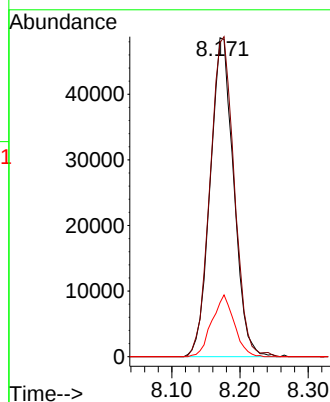
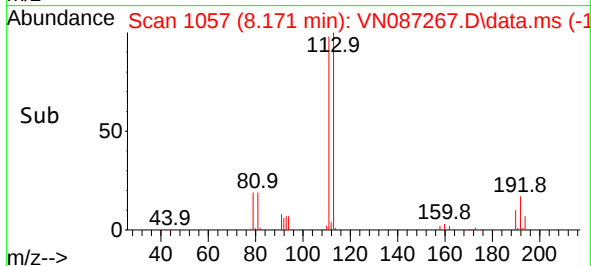
Tgt Ion:	113	Resp:	116470
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.2
192	18.5	15.1	22.7

Manual Integrations

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Supervised By :Mahesh Dadoda 07/07/2025



#50

Toluene-d8

Concen: 48.952 ug/l

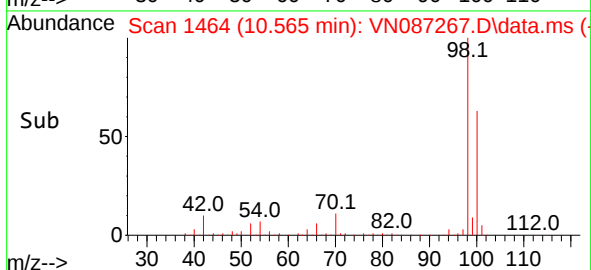
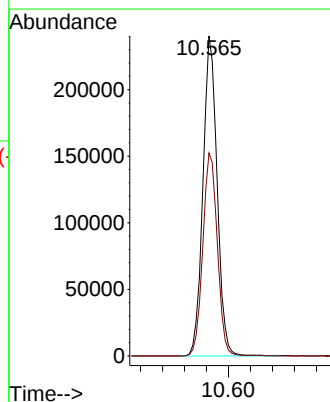
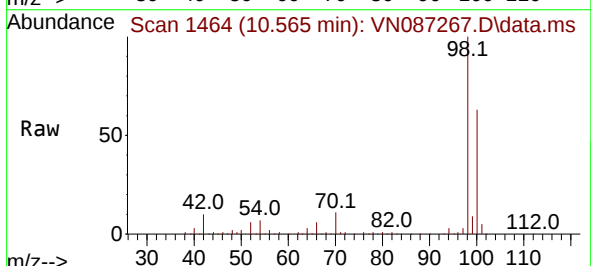
RT: 10.565 min Scan# 1464

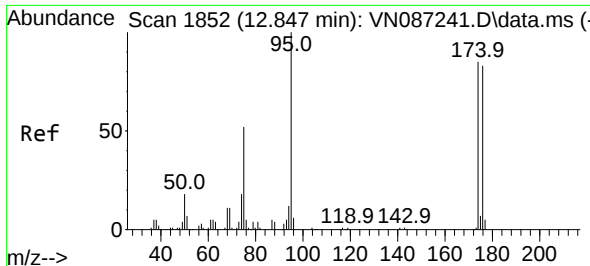
Delta R.T. -0.000 min

Lab File: VN087267.D

Acq: 03 Jul 2025 13:42

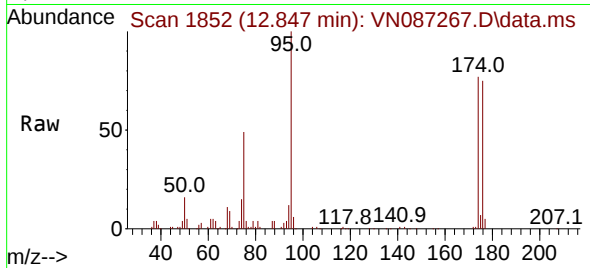
Tgt Ion:	98	Resp:	430068
Ion Ratio	Lower	Upper	
98	100		
100	64.8	52.1	78.1





#62
4-Bromofluorobenzene
Concen: 46.661 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42

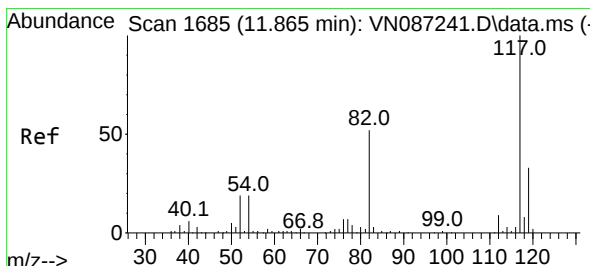
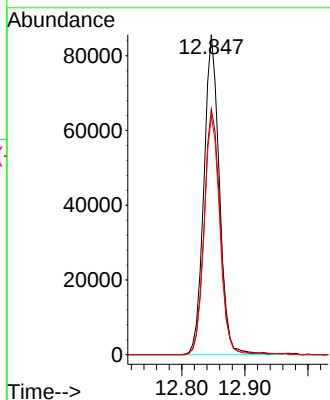
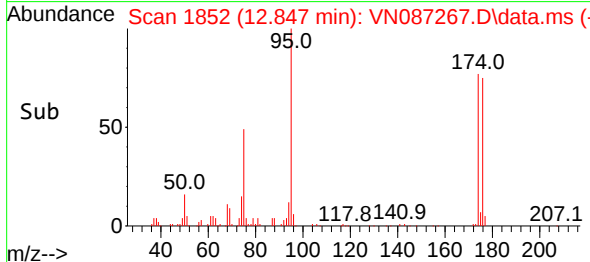
Instrument :
MSVOA_N
ClientSampleId :
G4(1.5)



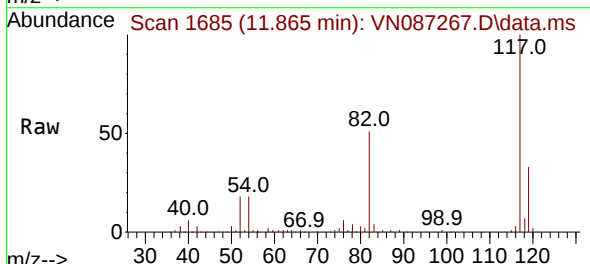
Tgt Ion: 95 Resp: 145859
Ion Ratio Lower Upper
95 100
174 79.2 0.0 169.6
176 76.1 0.0 161.6

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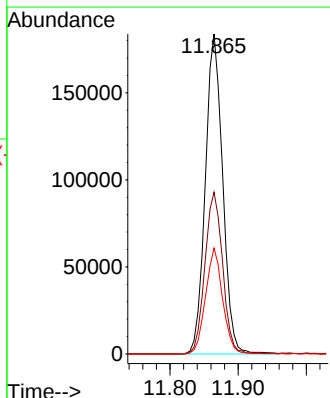
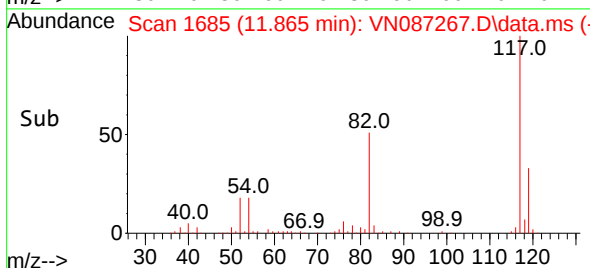
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

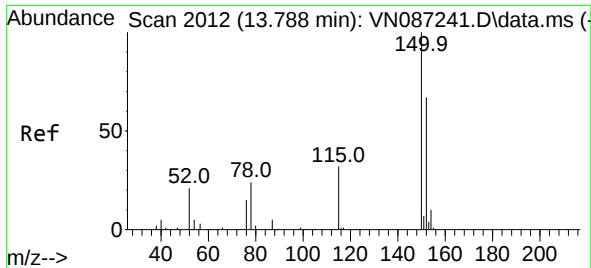


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42



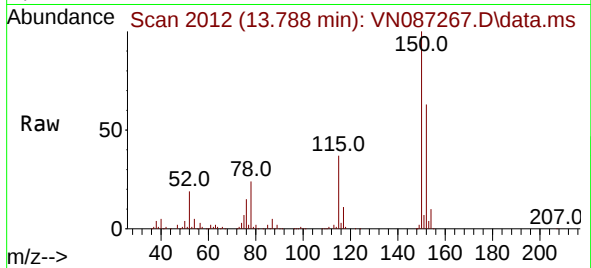
Tgt Ion:117 Resp: 326560
Ion Ratio Lower Upper
117 100
82 50.6 41.9 62.9
119 33.1 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087267.D
Acq: 03 Jul 2025 13:42

Instrument :
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ClientSampleId :
G4(1.5)



Tgt Ion:152 Resp: 15794
Ion Ratio Lower Upper
152 100
115 58.2 28.3 84.9
150 159.6 0.0 344.6

Manual Integrations
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