

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
 Data File : VN087290.D
 Acq On : 07 Jul 2025 13:05
 Operator : JC\MD
 Sample : Q2487-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G1(10)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2025
 Supervised By : Mahesh Dadoda 07/08/2025

Quant Time: Jul 08 01:32:46 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	8.230	168	180189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134667	59.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.100%	
35) Dibromofluoromethane	8.171	113	118485	53.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.800%	
50) Toluene-d8	10.565	98	436873	50.515	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.847	95	147410	47.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.800%	
Target Compounds						
						Qvalue
16) Acetone	4.453	43	65948	76.276	ug/l	100
18) Methyl Acetate	5.053	43	18086	9.138	ug/l	94
20) Methylene Chloride	5.300	84	9317	4.865	ug/l	95
25) 2-Butanone	7.500	43	25559	18.916	ug/l	99
37) Ethyl Acetate	7.571	43	11161m	3.441	ug/l	
43) Isopropyl Acetate	8.694	43	7311	1.453	ug/l	92

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

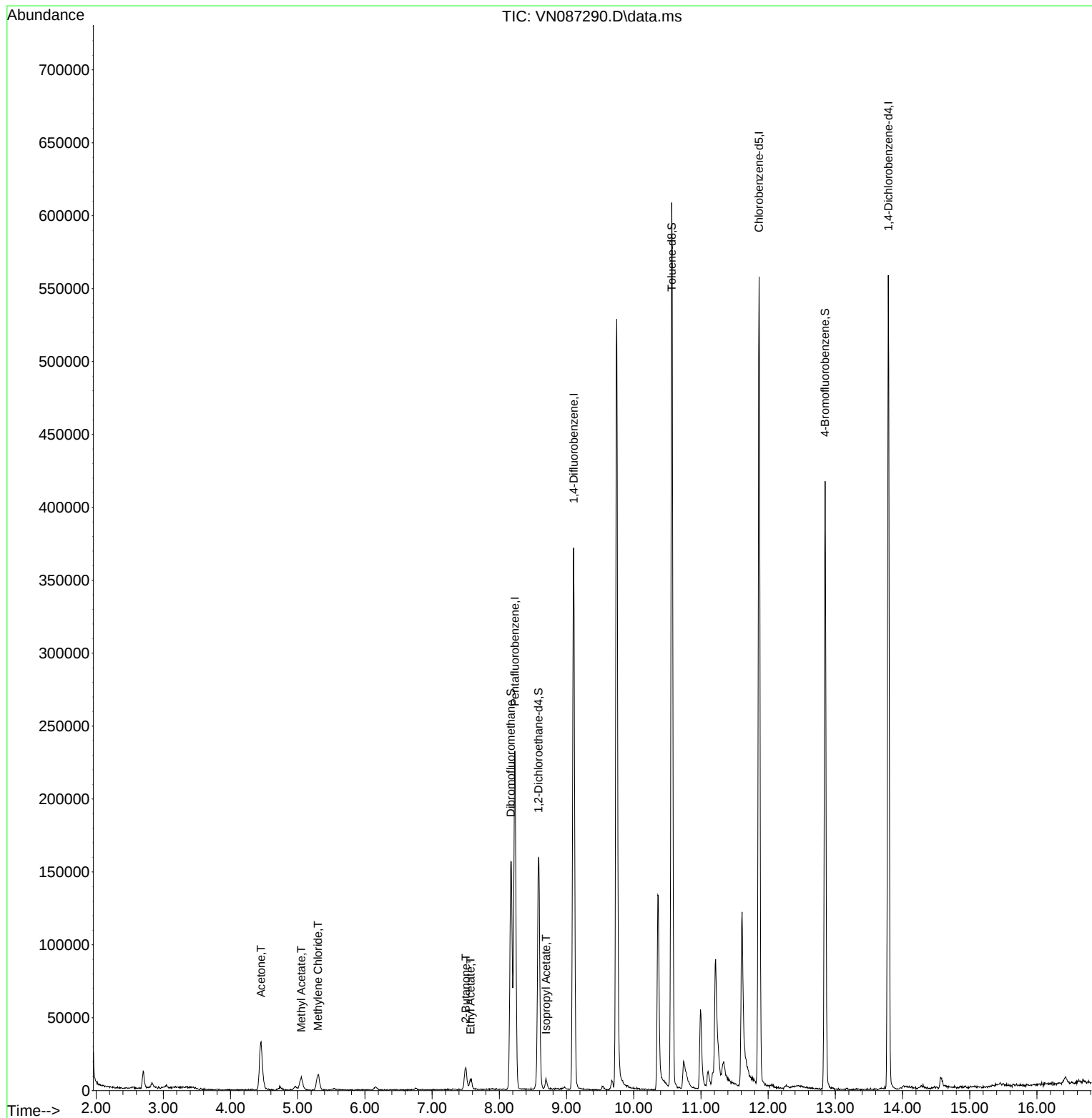
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
Data File : VN087290.D
Acq On : 07 Jul 2025 13:05
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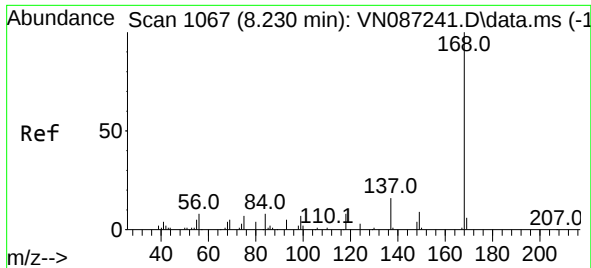
Instrument :
MSVOA_N
ClientSampleId :
G1(10)

Quant Time: Jul 08 01:32:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
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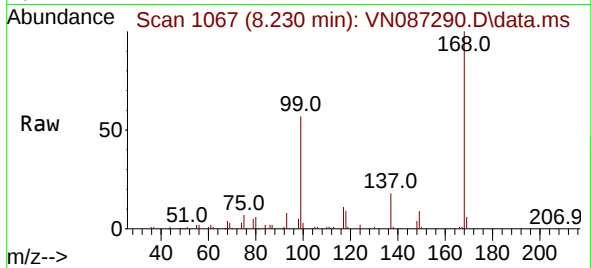
Reviewed By : John Carlone 07/08/2025
Supervised By : Mahesh Dadoda 07/08/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

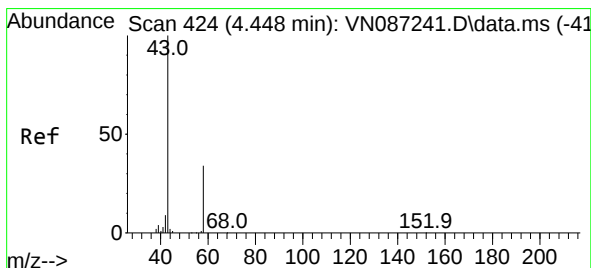
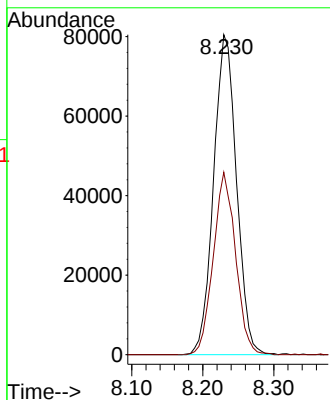
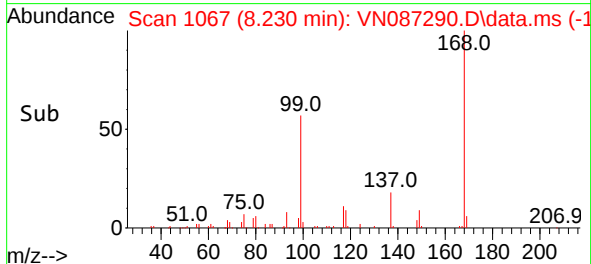
Instrument :
MSVOA_N
ClientSampleId :
G1(10)



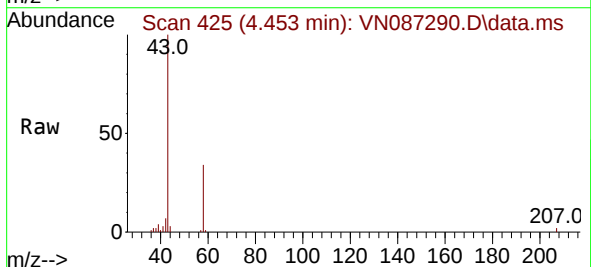
Tgt Ion:168 Resp: 180189
Ion Ratio Lower Upper
168 100
99 57.0 42.6 64.0

Manual Integrations
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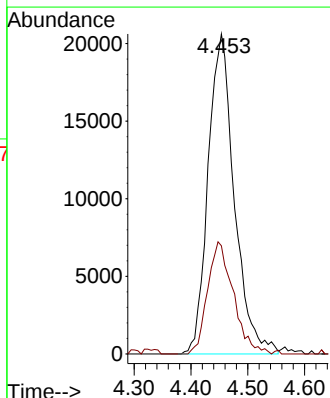
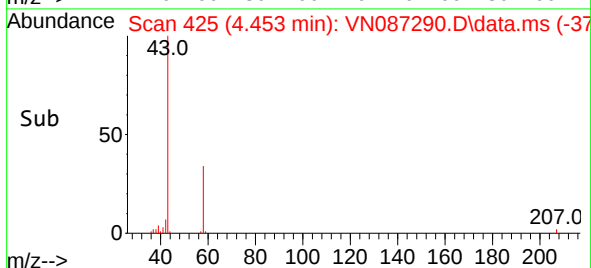
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

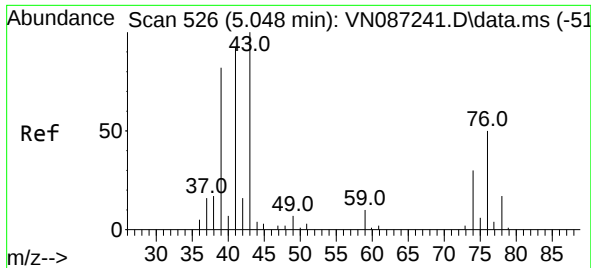


#16
Acetone
Concen: 76.276 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05



Tgt Ion: 43 Resp: 65948
Ion Ratio Lower Upper
43 100
58 33.8 27.1 40.7





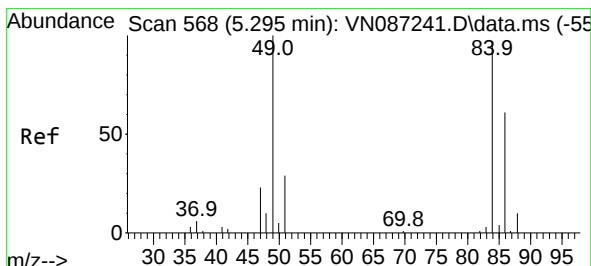
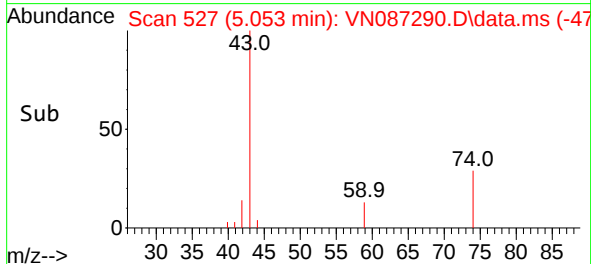
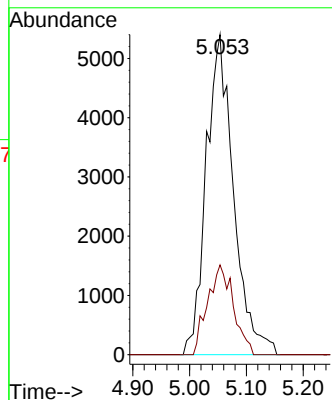
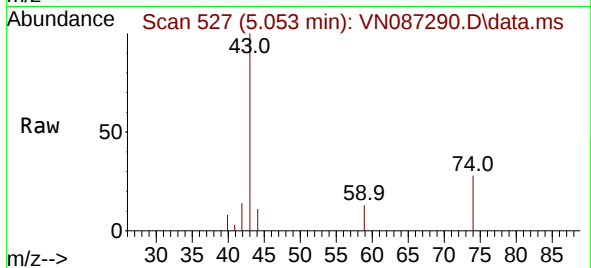
#18
Methyl Acetate
Concen: 9.138 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
G1(10)

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
74 26.4 23.8 35.6

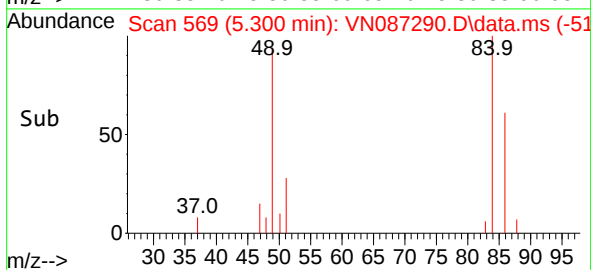
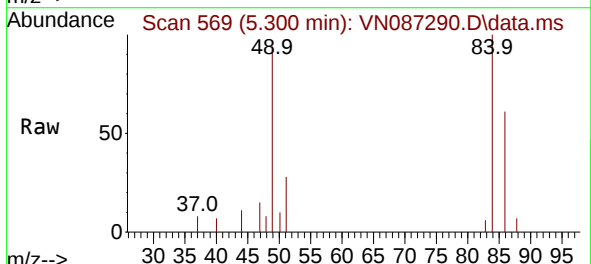
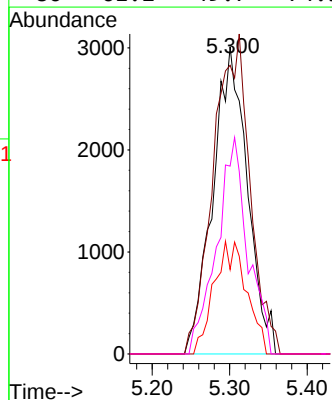
Manual Integrations
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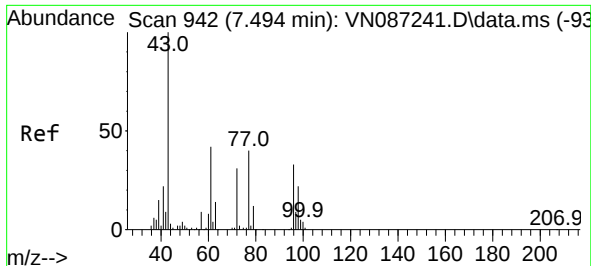
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#20
Methylene Chloride
Concen: 4.865 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

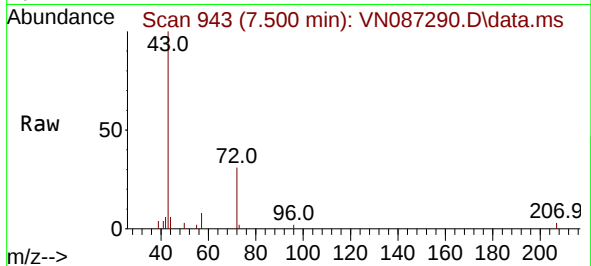
Tgt Ion: 84 Resp: 9317
Ion Ratio Lower Upper
84 100
49 93.9 82.1 123.1
51 27.5 23.5 35.3
86 61.2 49.7 74.5





#25
2-Butanone
Concen: 18.916 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

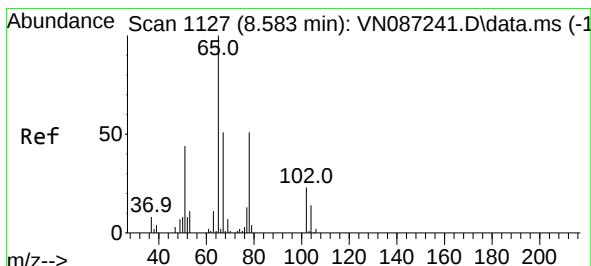
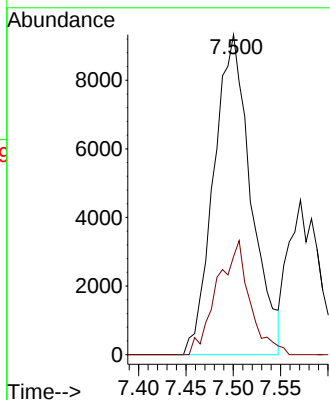
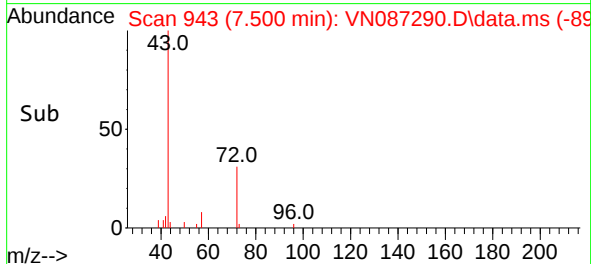
Instrument :
MSVOA_N
ClientSampleId :
G1(10)



Tgt Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
72 30.7 24.8 37.2

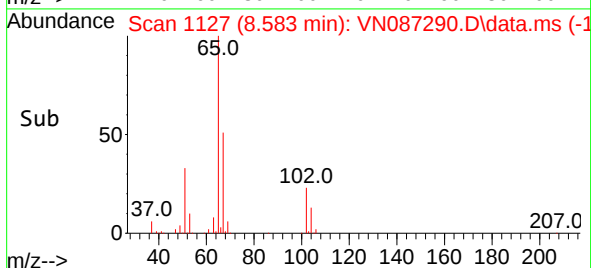
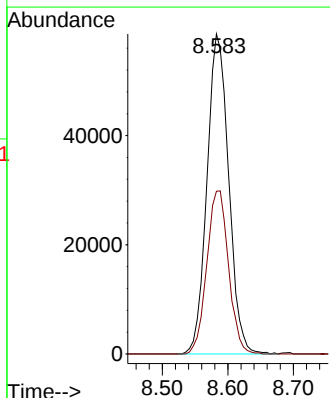
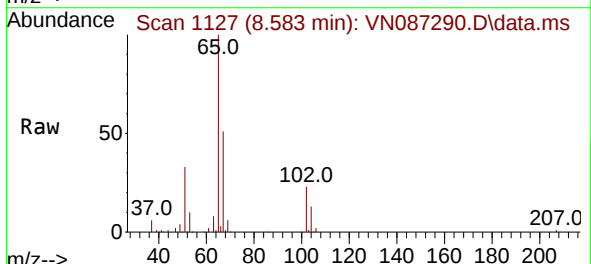
Manual Integrations
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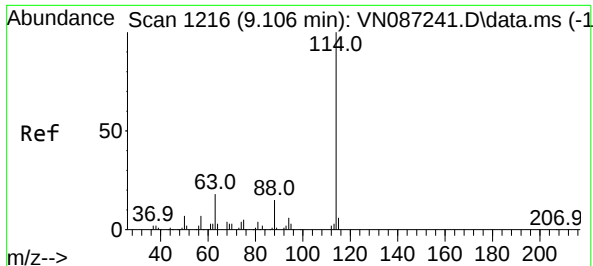
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#33
1,2-Dichloroethane-d4
Concen: 59.548 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

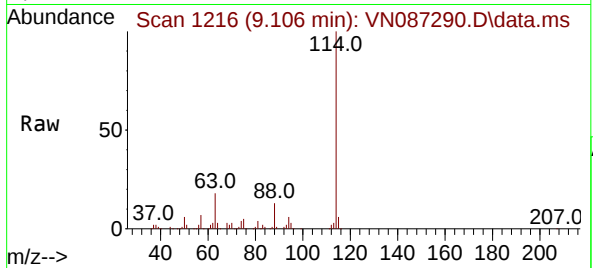
Tgt Ion: 65 Resp: 134667
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

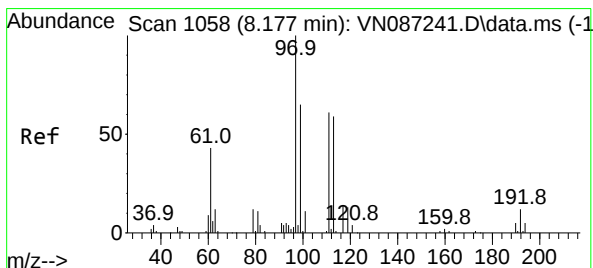
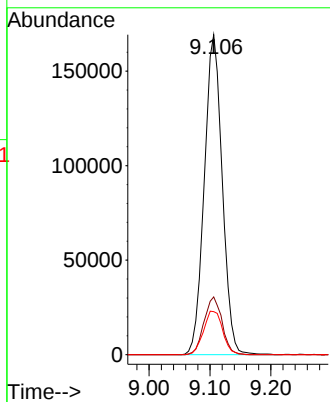
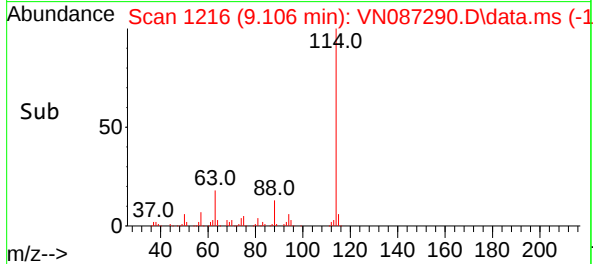
Instrument :
MSVOA_N
ClientSampleId :
G1(10)



Tgt Ion:114 Resp: 346519
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.6
88 13.5 0.0 29.6

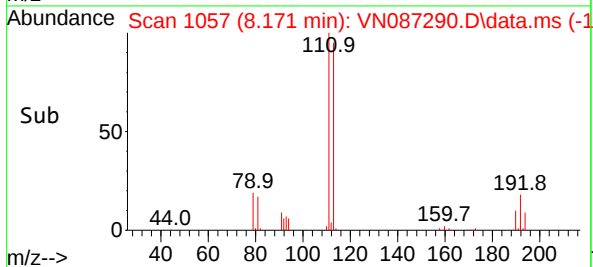
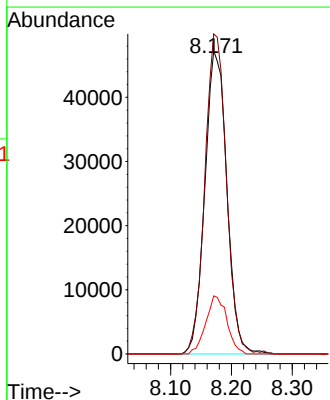
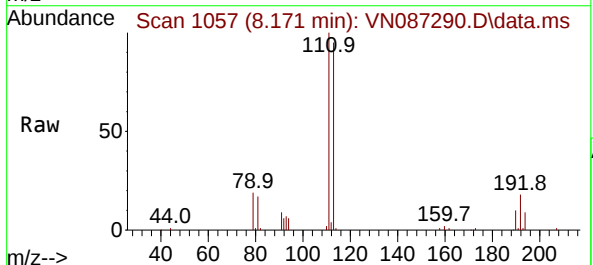
Manual Integrations
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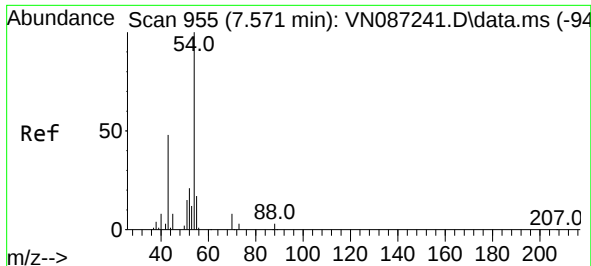
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#35
Dibromofluoromethane
Concen: 53.401 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

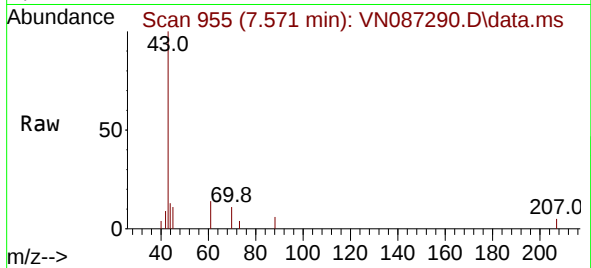
Tgt Ion:113 Resp: 118485
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 18.4 15.1 22.7





#37
Ethyl Acetate
Concen: 3.441 ug/l m
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

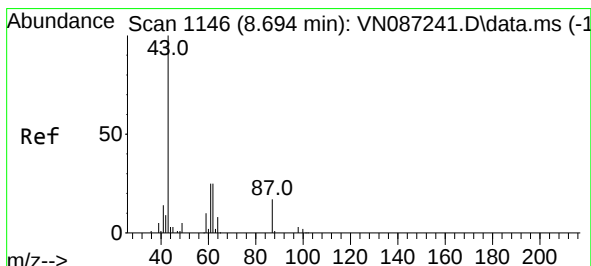
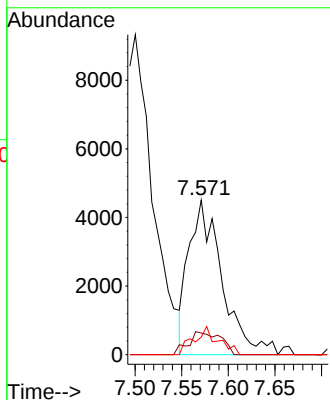
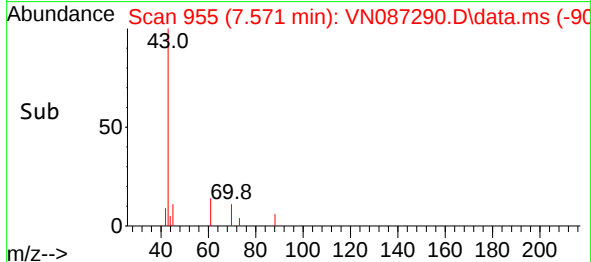
Instrument :
MSVOA_N
ClientSampleId :
G1(10)



Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 13.3 9.9 14.9

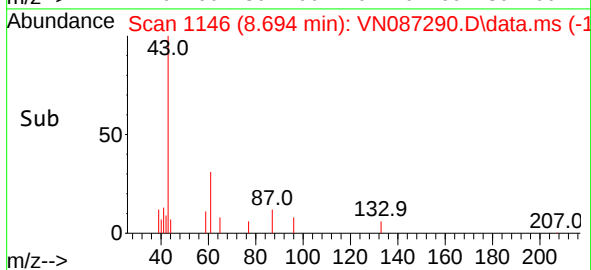
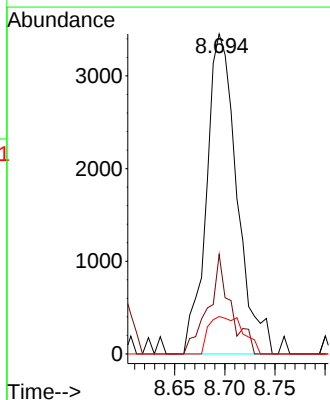
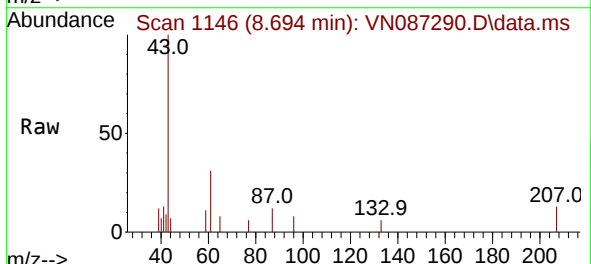
Manual Integrations
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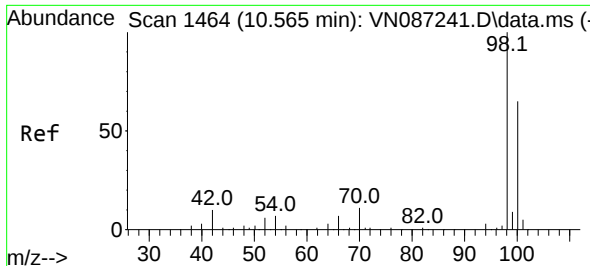
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#43
Isopropyl Acetate
Concen: 1.453 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

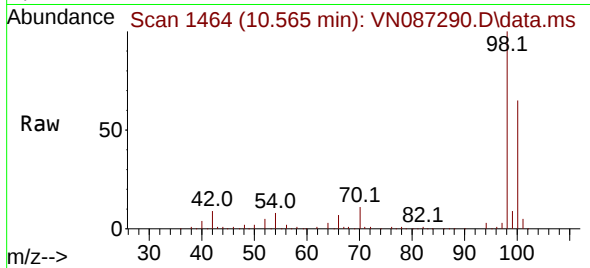
Tgt Ion: 43 Resp: 7311
Ion Ratio Lower Upper
43 100
61 22.9 22.4 33.6
87 13.3 12.8 19.2





#50
Toluene-d8
Concen: 50.515 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

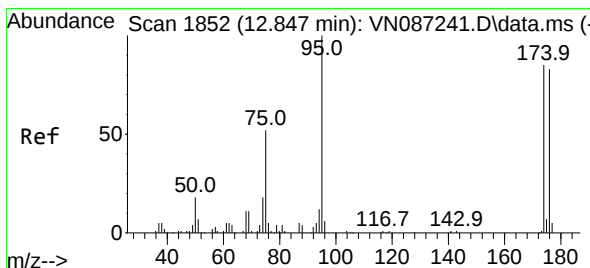
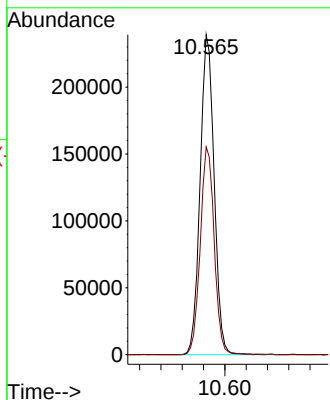
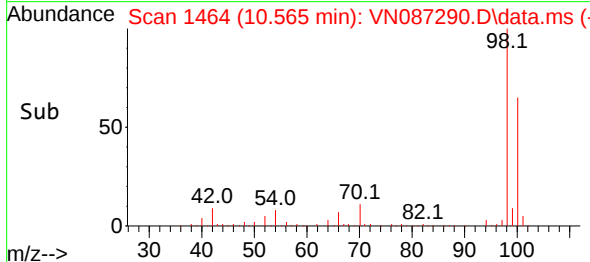
Instrument :
MSVOA_N
ClientSampleId :
G1(10)



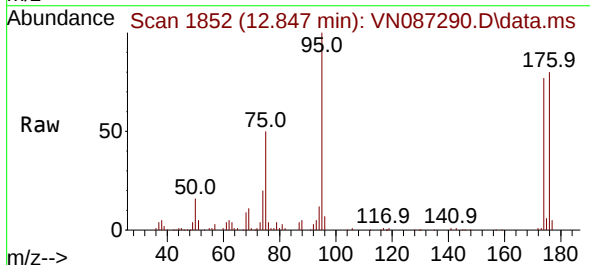
Tgt Ion: 98 Resp: 43687
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

Manual Integrations
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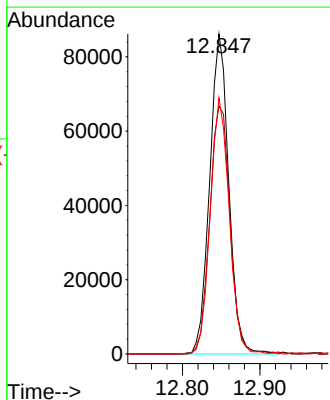
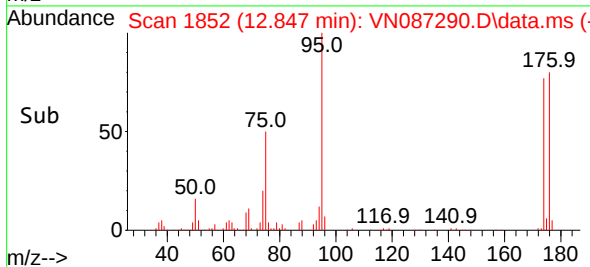
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

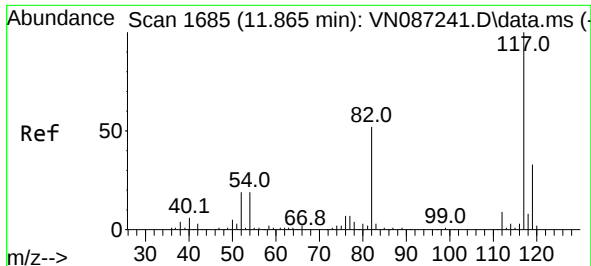


#62
4-Bromofluorobenzene
Concen: 47.905 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05



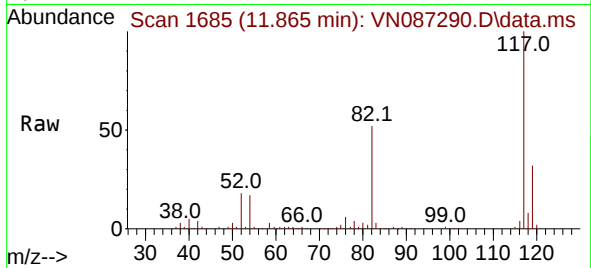
Tgt Ion: 95 Resp: 147410
Ion Ratio Lower Upper
95 100
174 82.7 0.0 169.6
176 79.6 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05

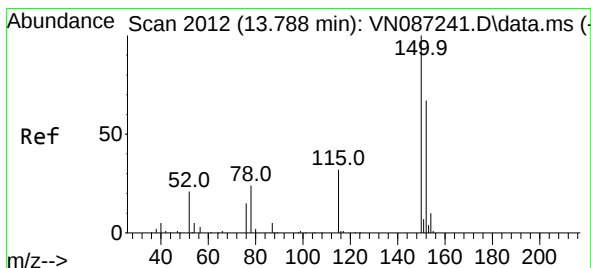
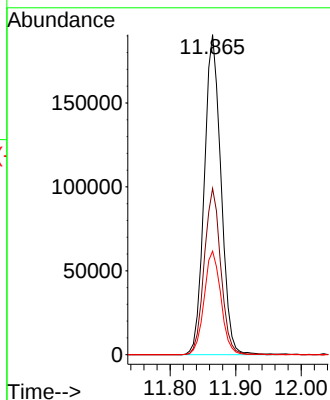
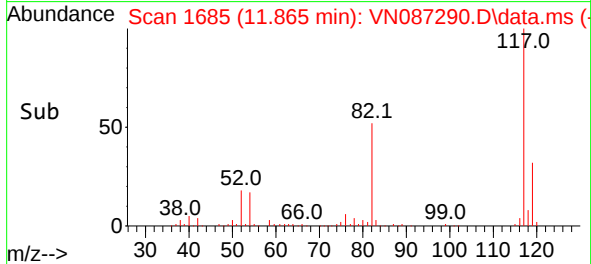
Instrument :
MSVOA_N
ClientSampleId :
G1(10)



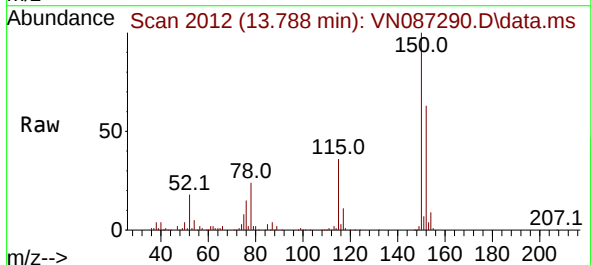
Tgt Ion:117 Resp: 337640
Ion Ratio Lower Upper
117 100
82 52.0 41.9 62.9
119 32.4 26.2 39.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087290.D
Acq: 07 Jul 2025 13:05



Tgt Ion:152 Resp: 160324
Ion Ratio Lower Upper
152 100
115 58.3 28.3 84.9
150 158.4 0.0 344.6

