

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084524.D
 Acq On : 25 Oct 2024 18:26
 Operator : JC\MD
 Sample : P4550-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 23:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

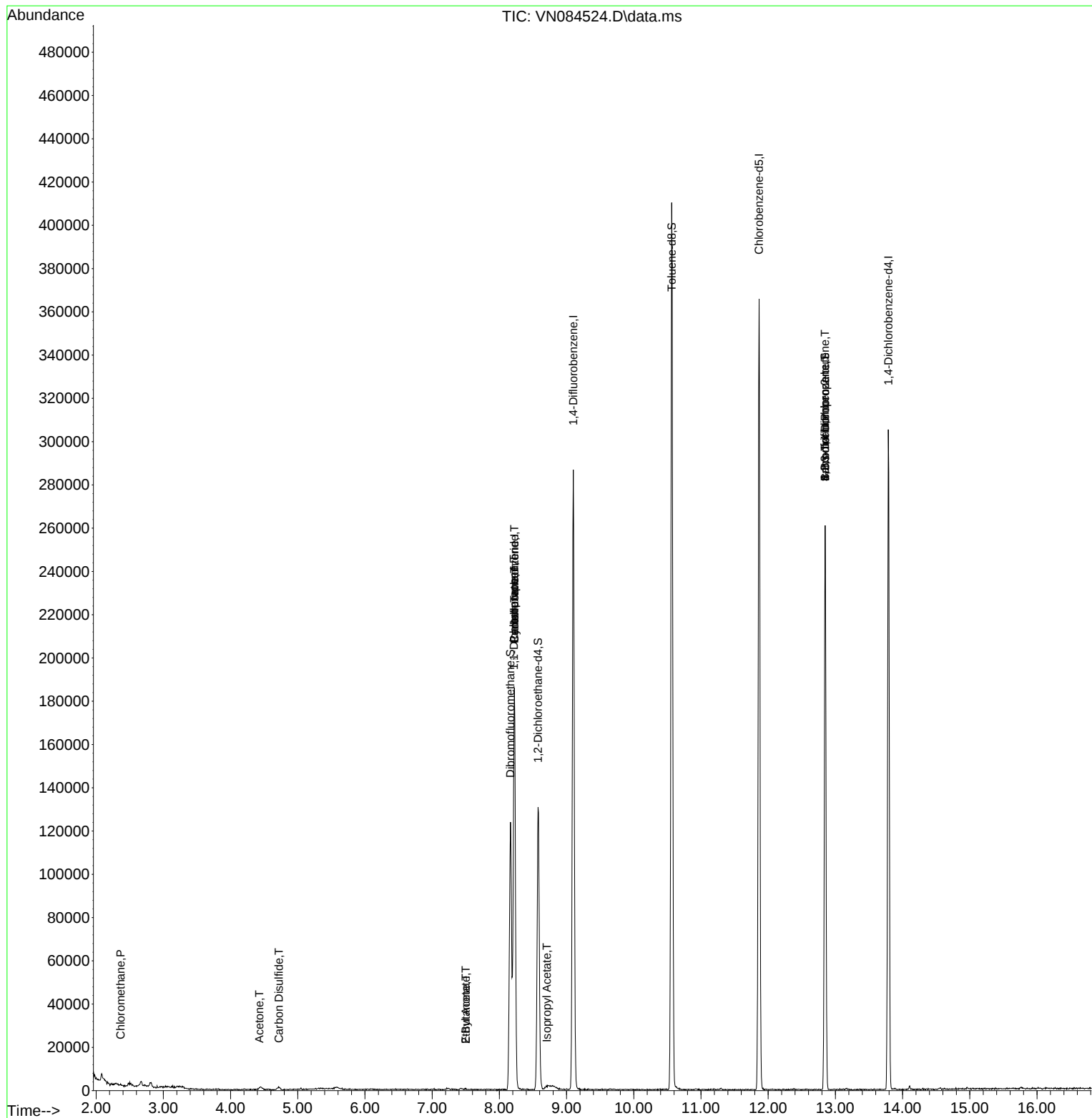
Internal Standards						
1) Pentafluorobenzene	8.224	168	129311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108934	56.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.640%	
35) Dibromofluoromethane	8.165	113	88206	55.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.860%	
50) Toluene-d8	10.565	98	283116	48.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	12.847	95	92209	43.624	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	452	0.259	ug/l #	67
16) Acetone	4.430	43	1036	1.258	ug/l #	74
17) Carbon Disulfide	4.718	76	2142	0.465	ug/l #	75
25) 2-Butanone	7.500	43	635	0.566	ug/l #	48
31) Cyclohexane	8.224	56	3248	1.144	ug/l #	5
36) 1,1-Dichloropropene	8.218	75	11519	5.029	ug/l #	50
37) Ethyl Acetate	7.500	43	635	0.270	ug/l #	69
38) Carbon Tetrachloride	8.224	117	14614	5.816	ug/l #	16
43) Isopropyl Acetate	8.706	43	1060	0.230	ug/l #	56
71) Bromoform	12.847	173	543	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	47025	27.986	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47025	67.096	ug/l #	11

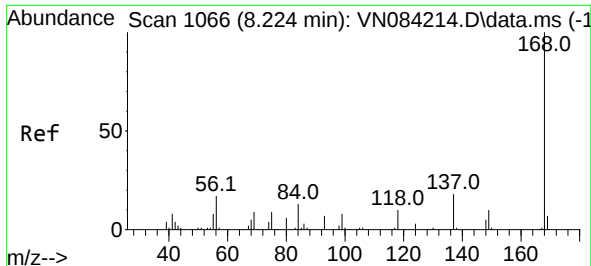
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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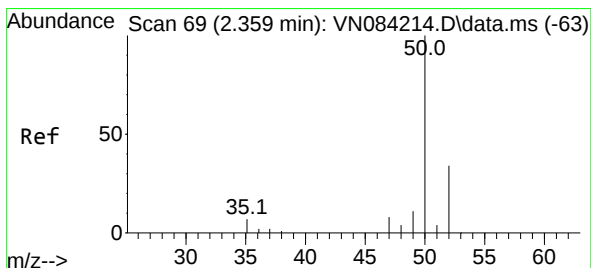
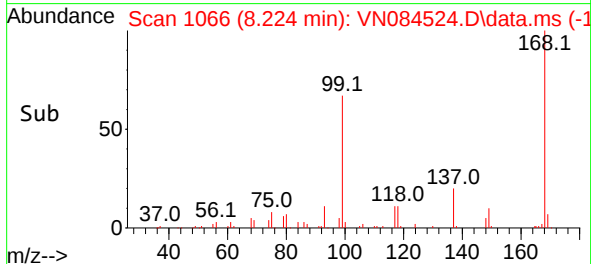
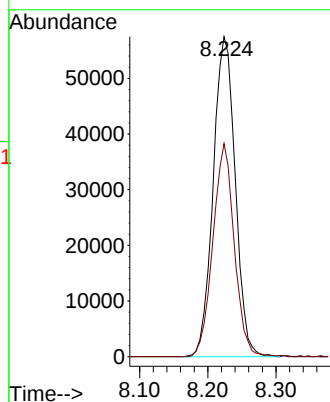
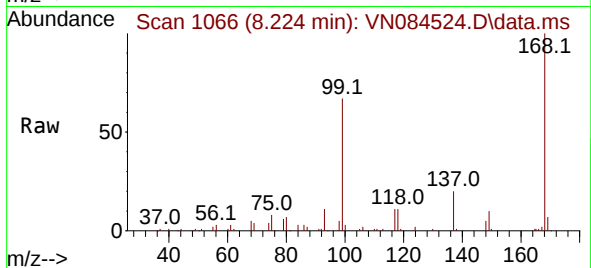




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

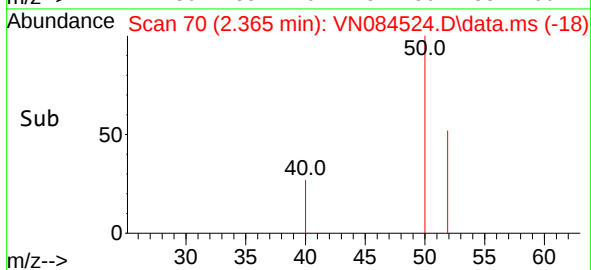
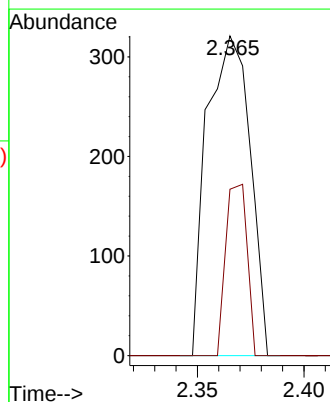
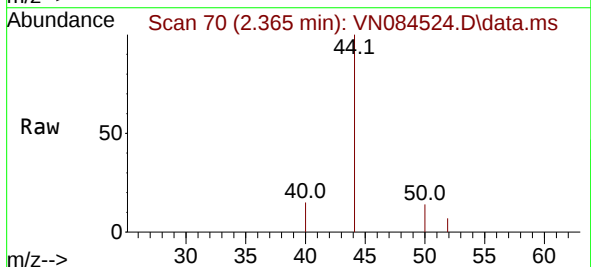
Instrument :
MSVOA_N
ClientSampleId :

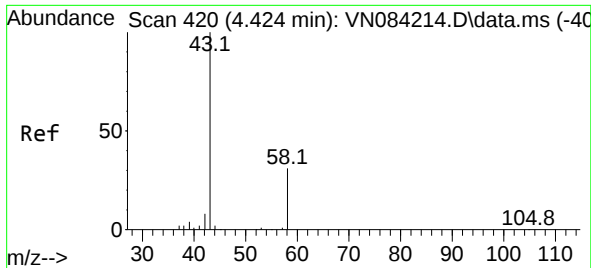
Tgt Ion:168 Resp: 129311
Ion Ratio Lower Upper
168 100
99 66.6 54.2 81.2



#3
Chloromethane
Concen: 0.259 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 52.0 26.8 40.2#

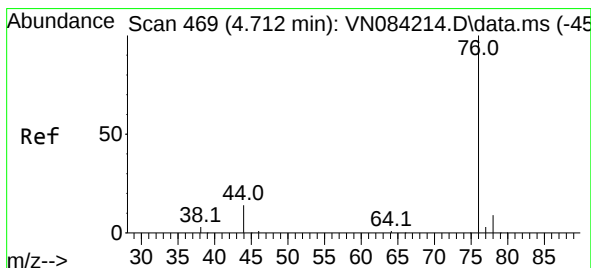
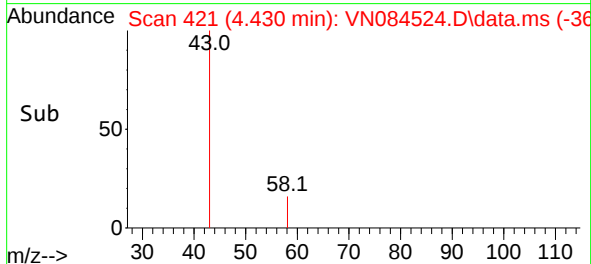
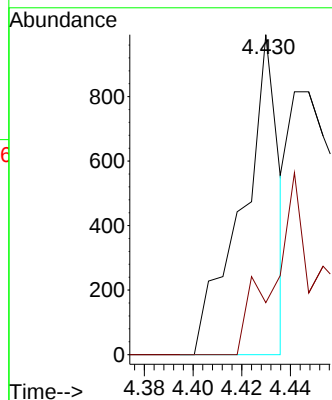
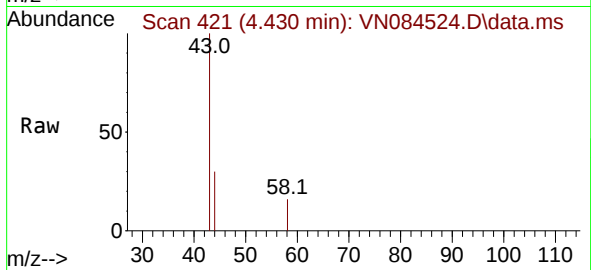




#16
Acetone
Concen: 1.258 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

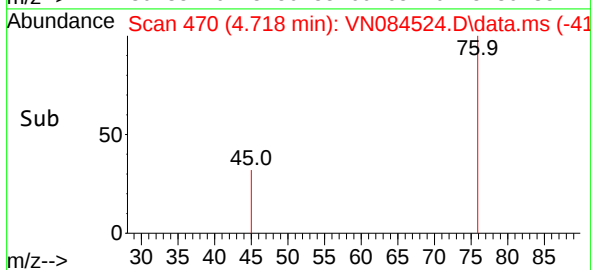
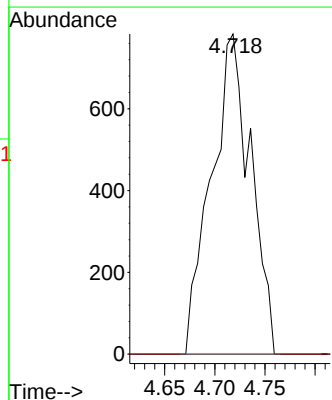
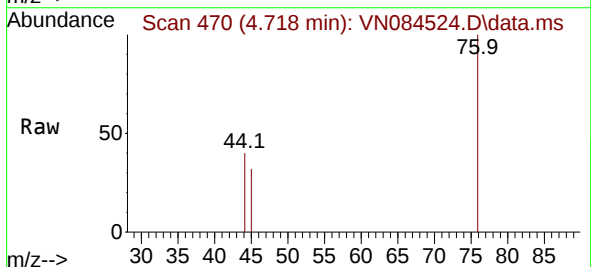
Instrument :
MSVOA_N
ClientSampleId :

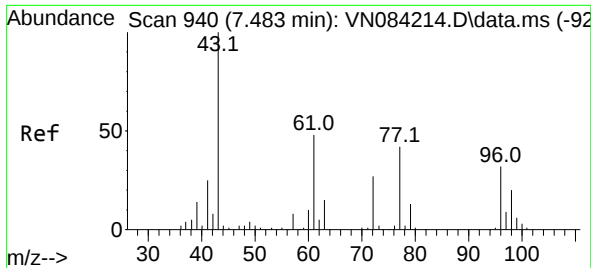
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 16.2 24.4 36.6#



#17
Carbon Disulfide
Concen: 0.465 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 76 Resp: 2142
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

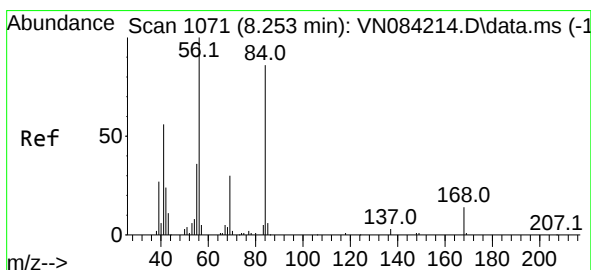
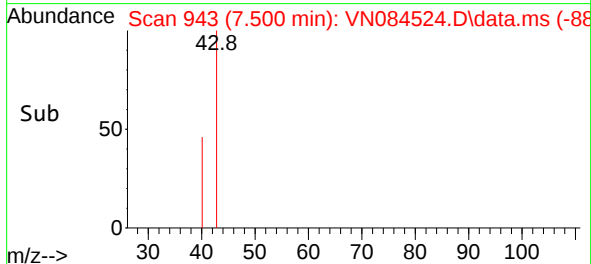
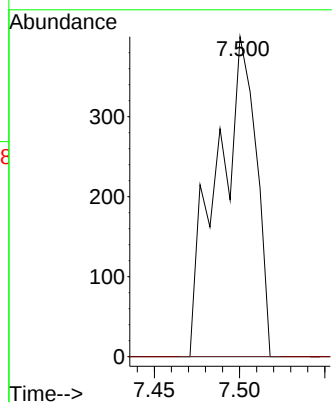
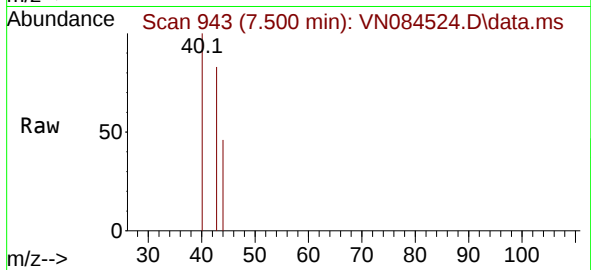




#25
2-Butanone
Concen: 0.566 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

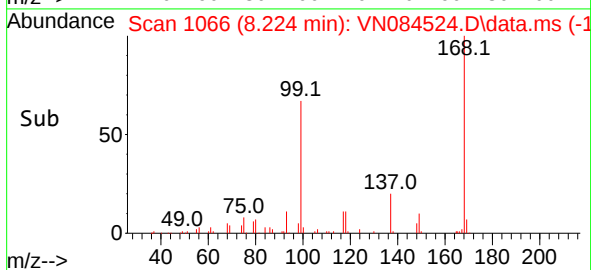
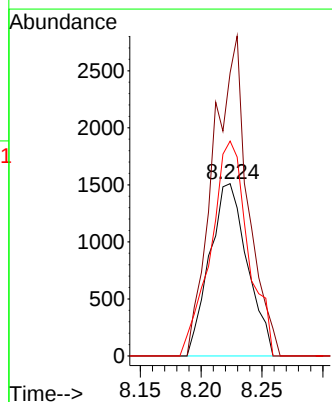
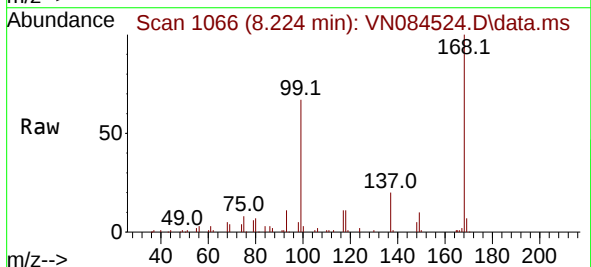
Instrument :
MSVOA_N
ClientSampleId :

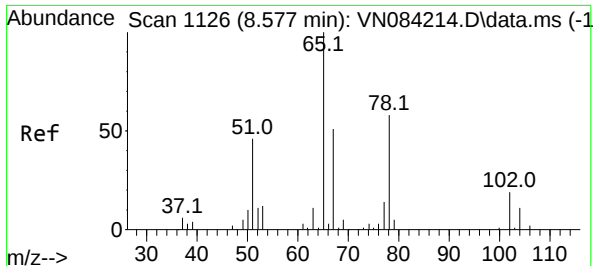
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 56 Resp: 3248
Ion Ratio Lower Upper
56 100
69 164.3 23.8 35.6#
84 124.7 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 56.817 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

Instrument :

MSVOA_N

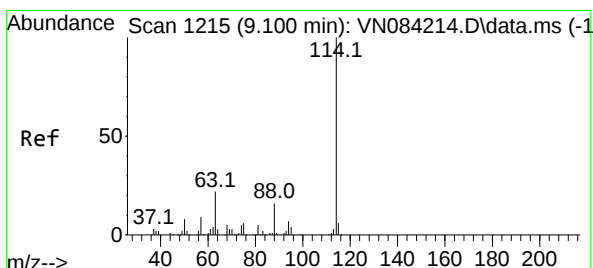
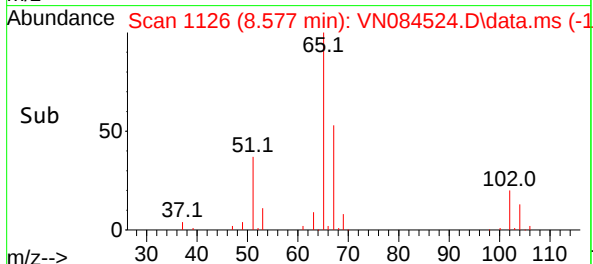
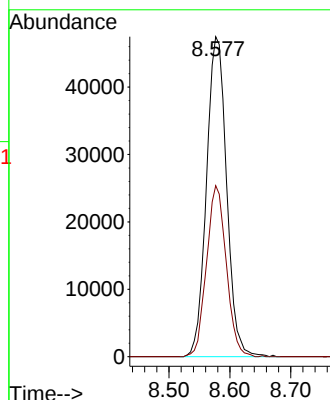
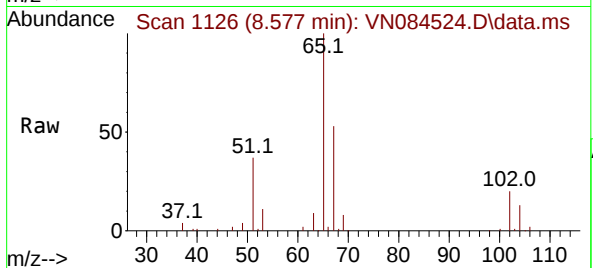
ClientSampleId :

Tgt Ion: 65 Resp: 108934

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

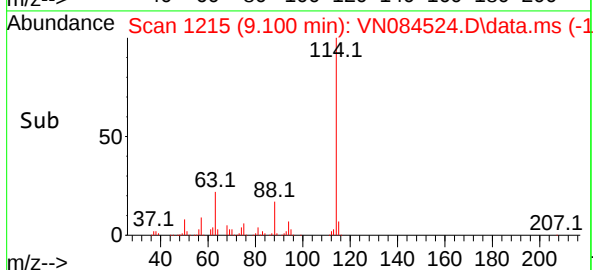
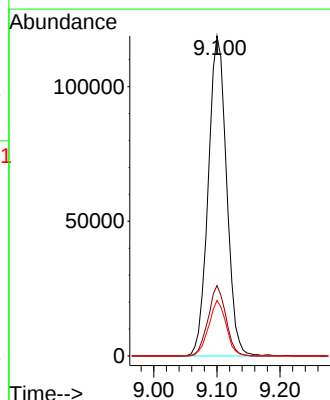
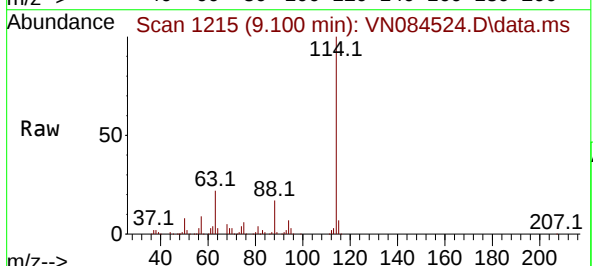
Tgt Ion: 114 Resp: 239210

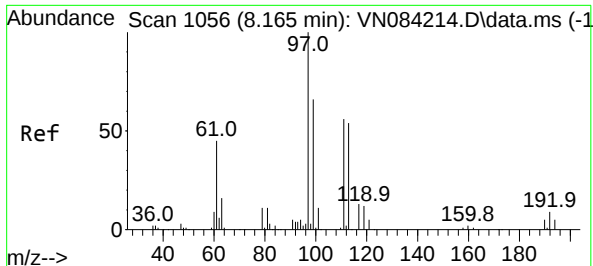
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 17.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.932 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

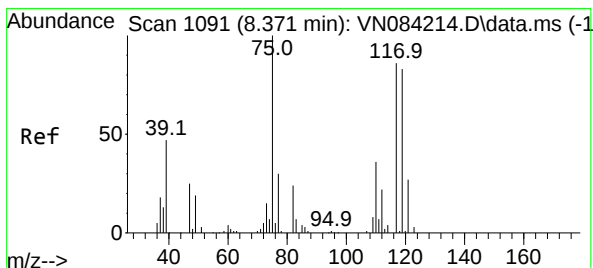
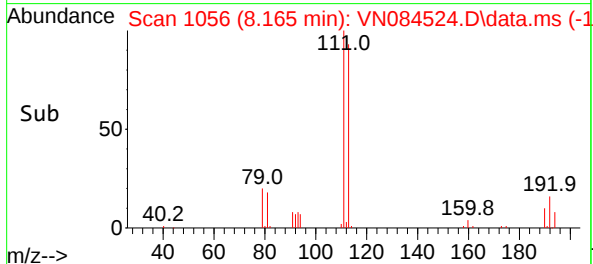
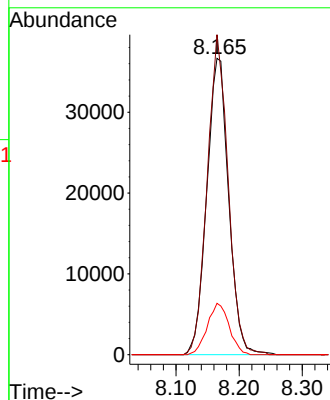
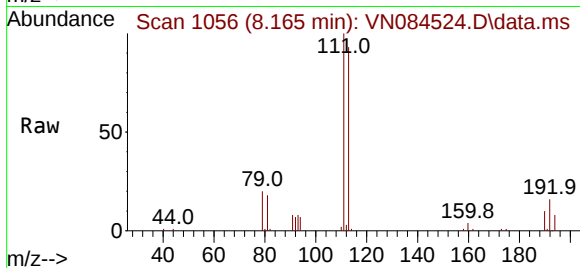
Tgt Ion:113 Resp: 88206

Ion Ratio Lower Upper

113 100

111 102.8 83.3 124.9

192 17.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.029 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

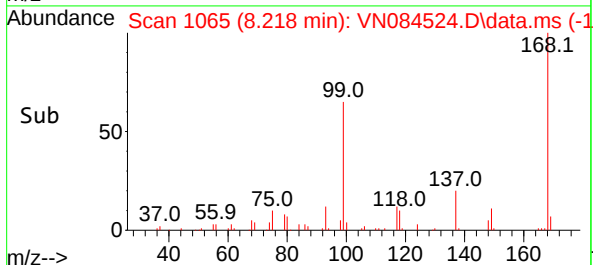
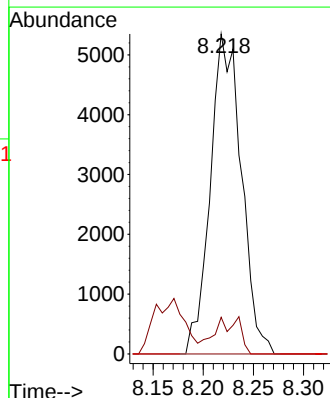
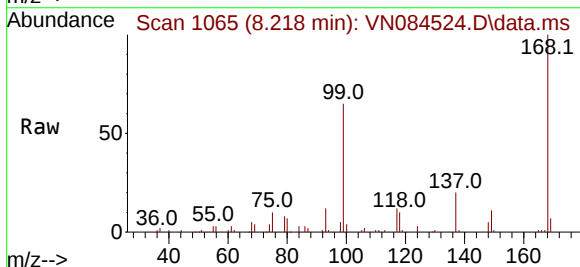
Tgt Ion: 75 Resp: 11519

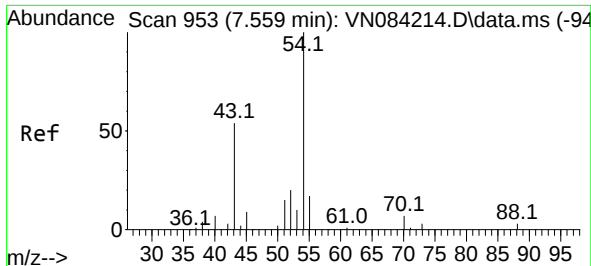
Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.270 ug/l

RT: 7.500 min Scan# 94

Delta R.T. -0.059 min

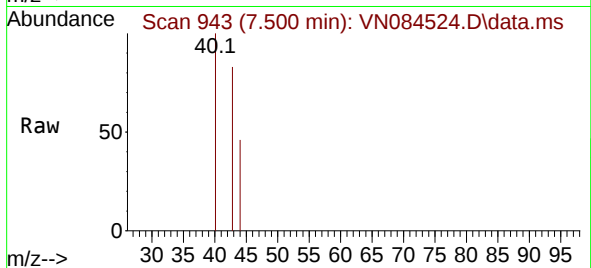
Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

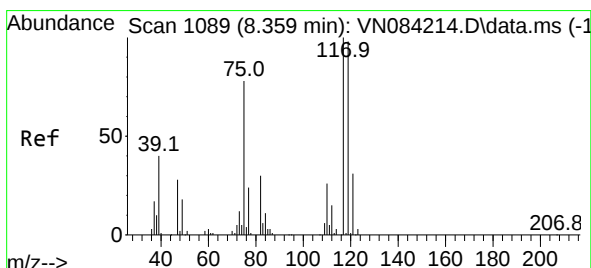
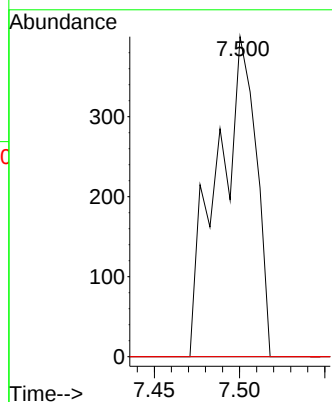
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 635
Ion Ratio	Lower Upper
43	100
61	0.0 10.7 16.1#
70	0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.816 ug/l

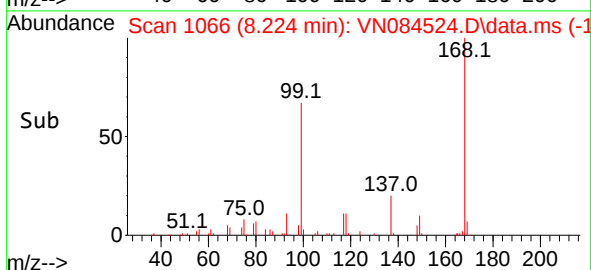
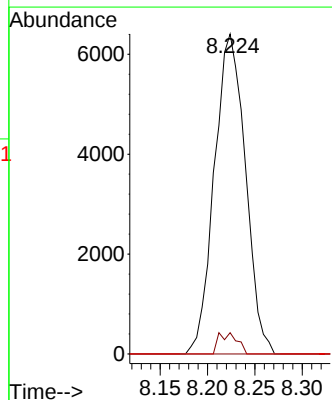
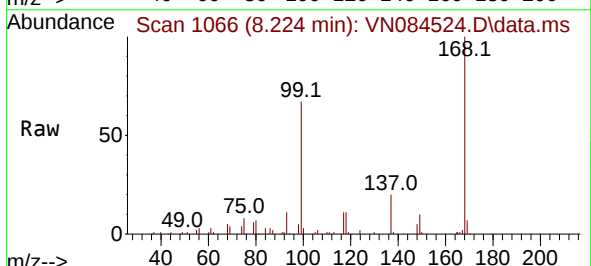
RT: 8.224 min Scan# 1066

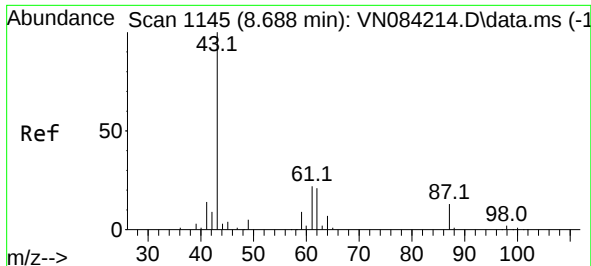
Delta R.T. -0.135 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

Tgt Ion: 117	Resp: 14614
Ion Ratio	Lower Upper
117	100
119	6.7 78.7 118.1#
121	0.0 24.4 36.6#

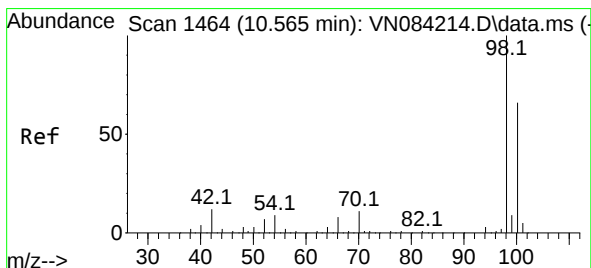
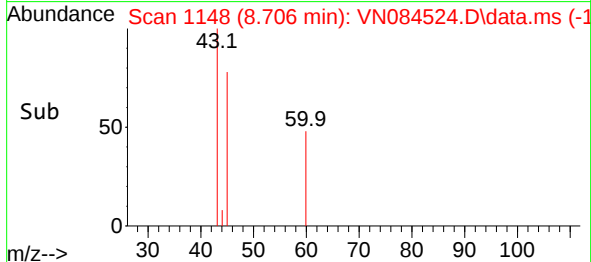
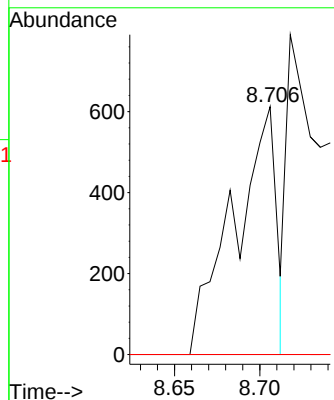
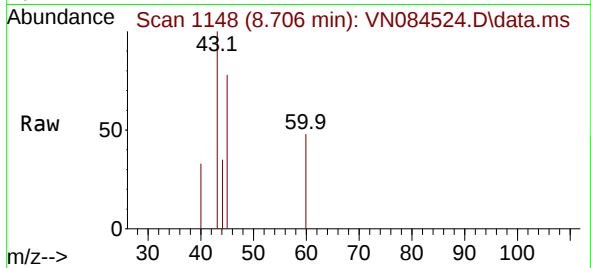




#43
Isopropyl Acetate
Concen: 0.230 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

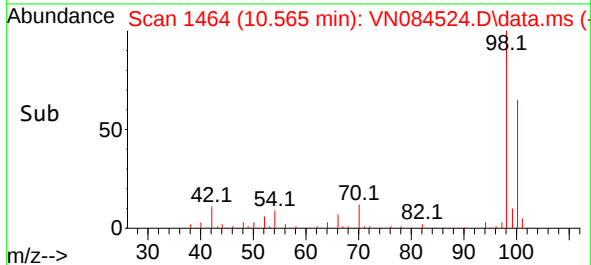
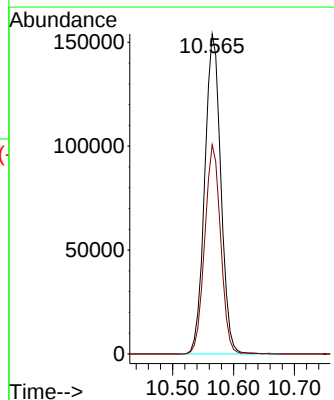
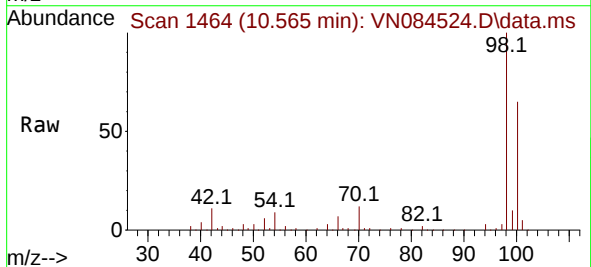
Instrument :
MSVOA_N
ClientSampleId :

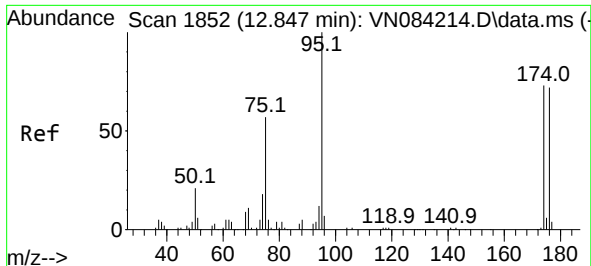
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 48.796 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 98 Resp: 283116
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 43.624 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

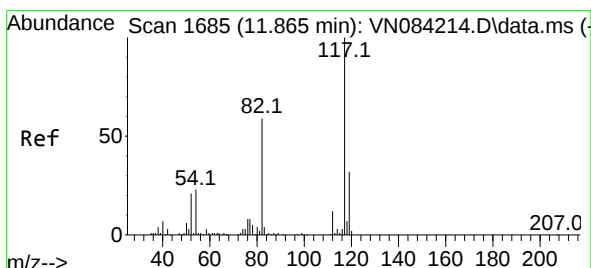
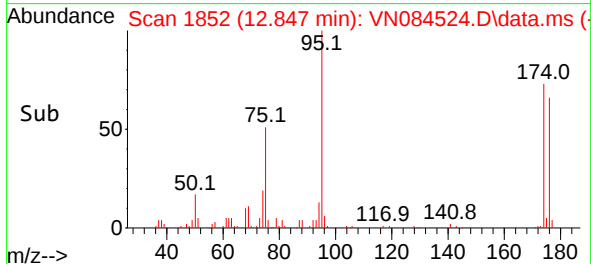
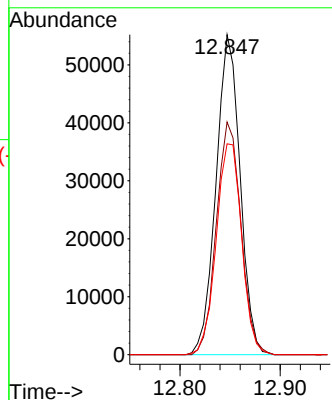
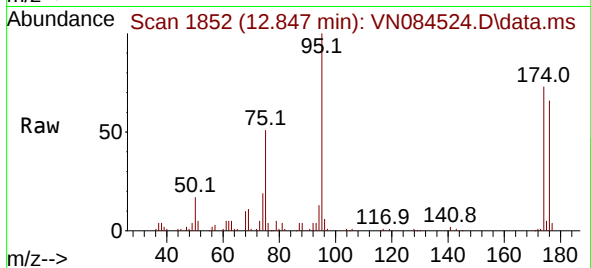
Tgt Ion: 95 Resp: 92209

Ion Ratio Lower Upper

95 100

174 74.3 0.0 145.2

176 69.6 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN084524.D

Acq: 25 Oct 2024 18:26

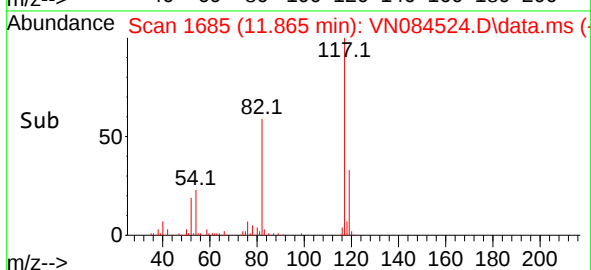
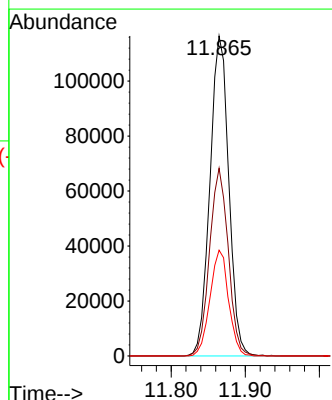
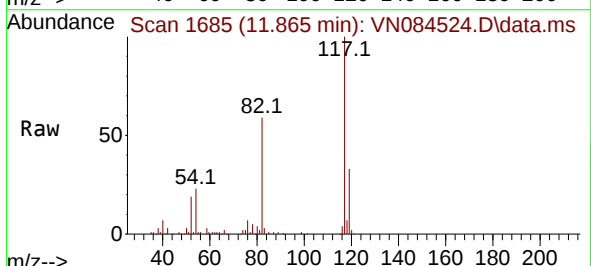
Tgt Ion: 117 Resp: 205331

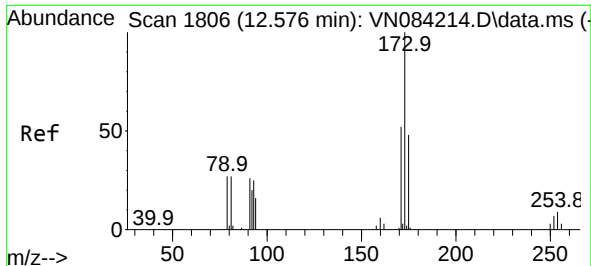
Ion Ratio Lower Upper

117 100

82 58.7 47.2 70.8

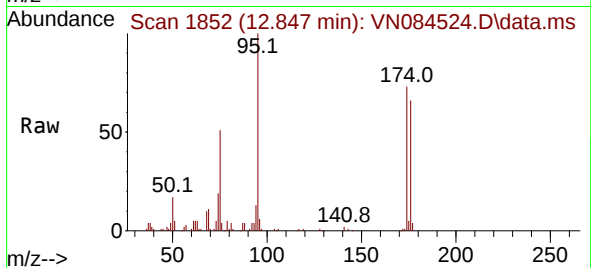
119 33.1 25.4 38.0



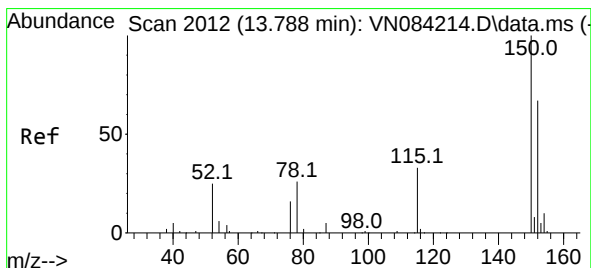
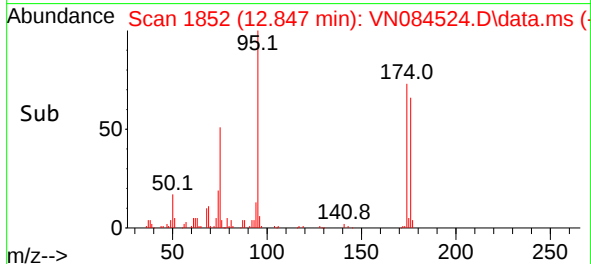
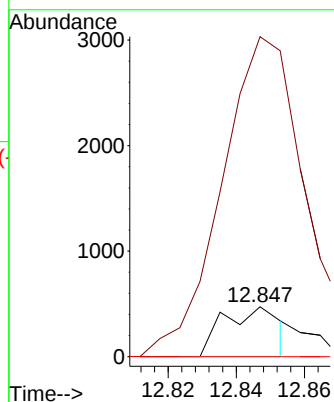


#71
Bromoform
Concen: 0.470 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :

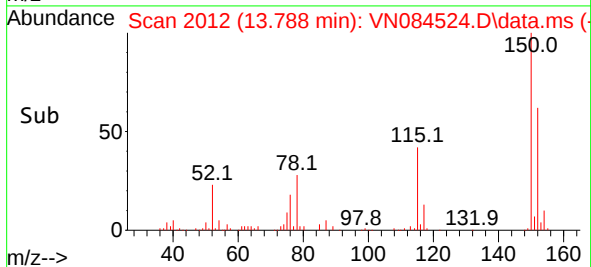
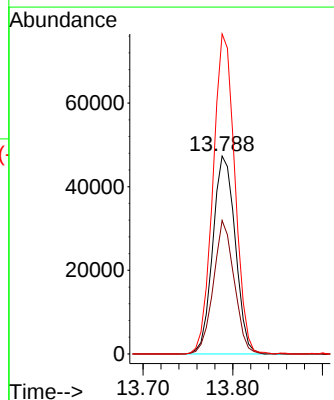
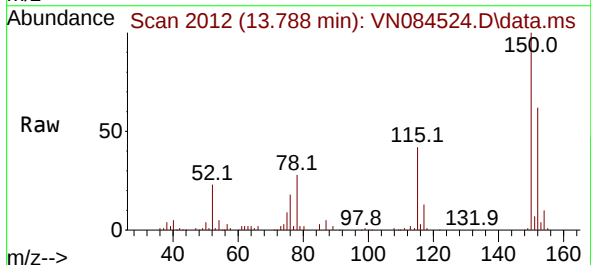


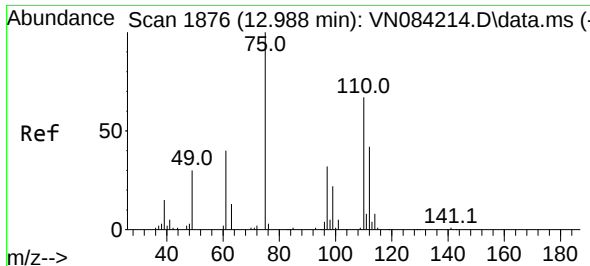
Tgt Ion:173 Resp: 543
Ion Ratio Lower Upper
173 100
175 724.5 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion:152 Resp: 82305
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 157.4 0.0 349.8

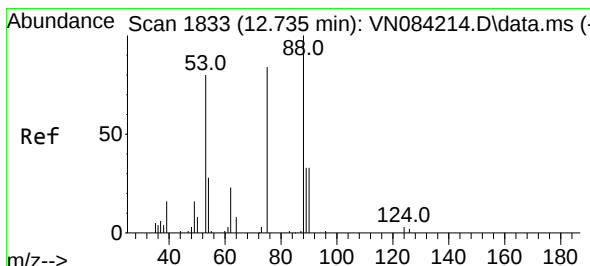
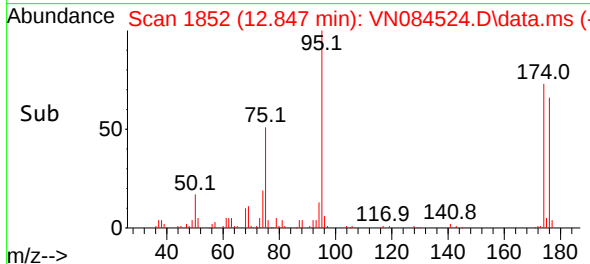
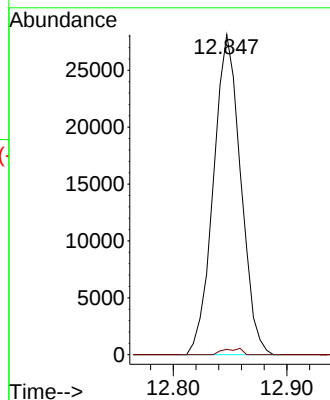
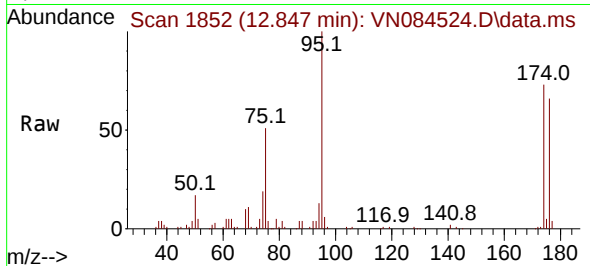




#76
1,2,3-Trichloropropane
Concen: 27.986 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 47025
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.096 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 75 Resp: 47025
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

