

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087268.D
 Acq On : 03 Jul 2025 14:03
 Operator : JC\MD
 Sample : Q2487-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G4(10)

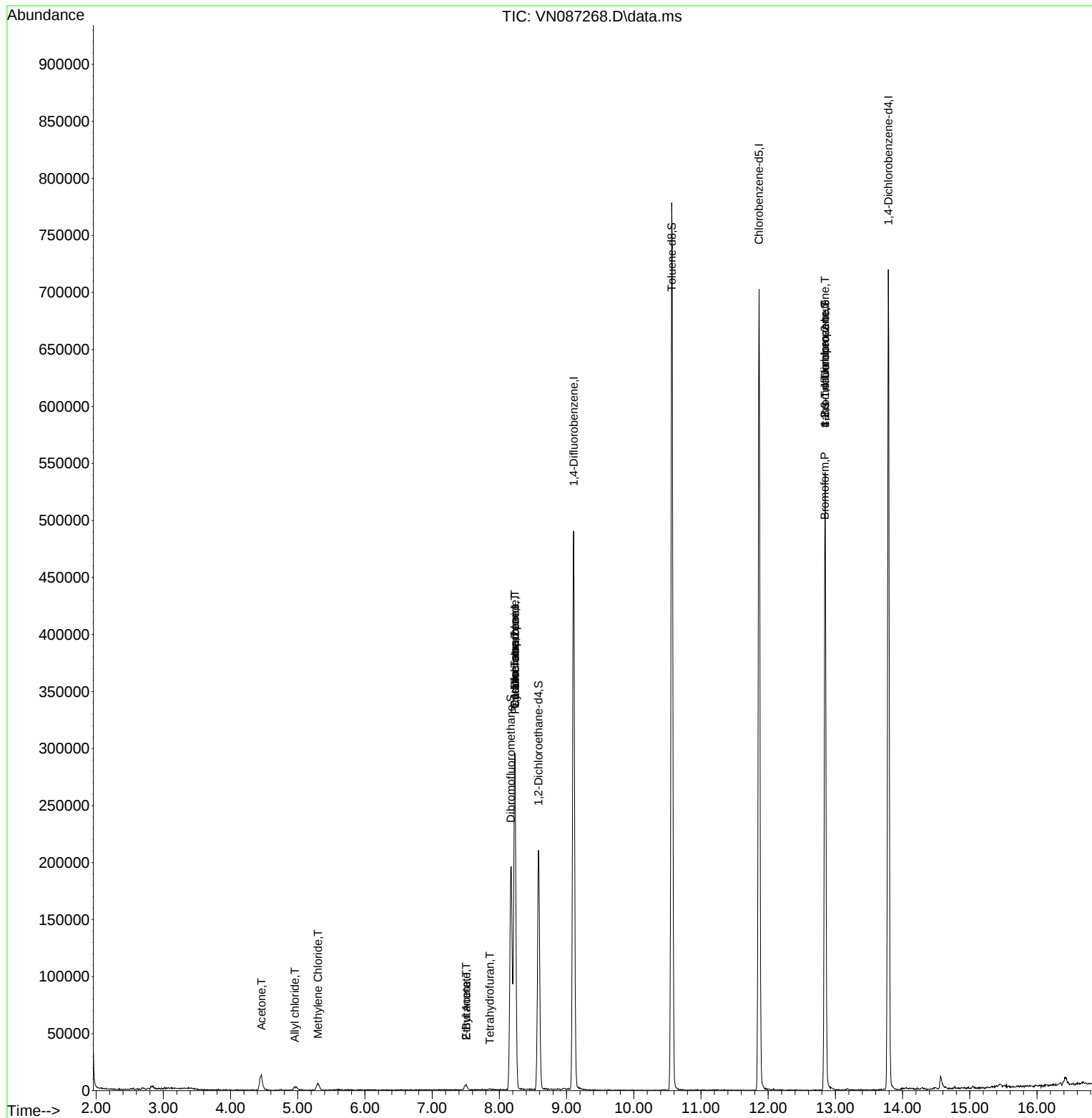
Quant Time: Jul 04 01:31:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

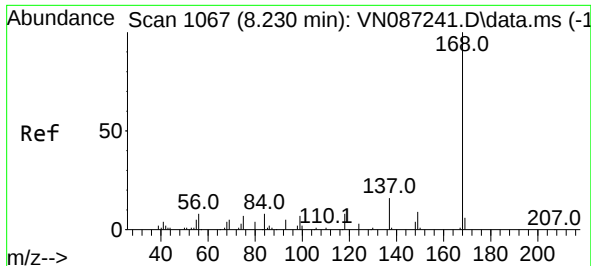
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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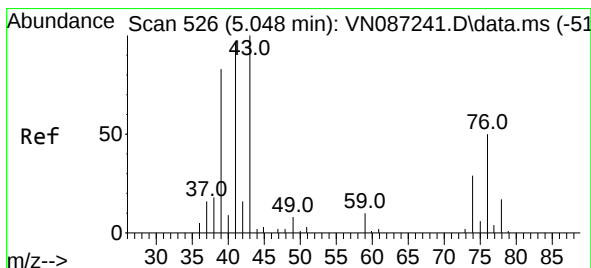
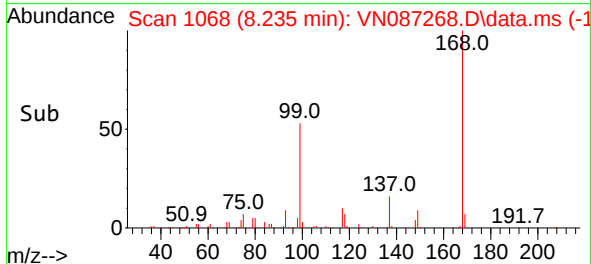
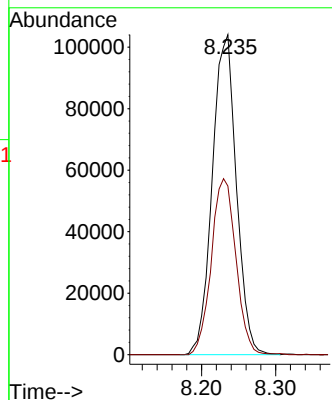
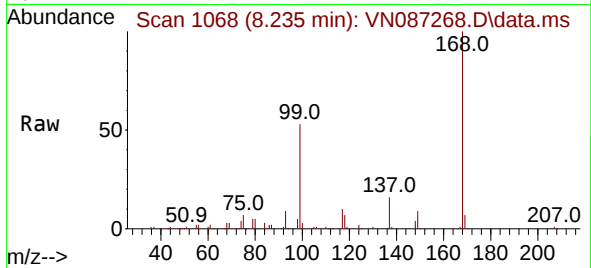




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

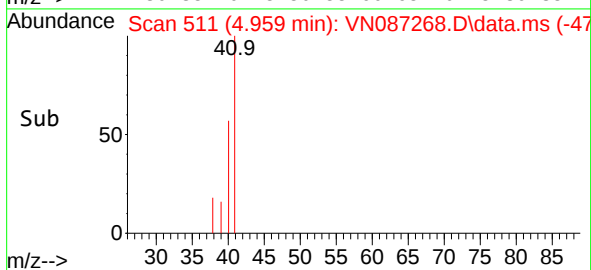
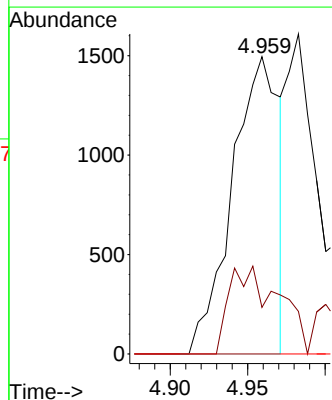
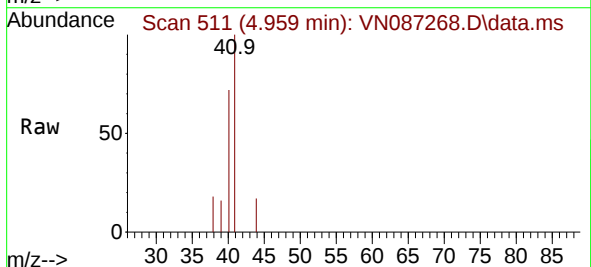
Instrument :
MSVOA_N
ClientSampleId :
G4(10)

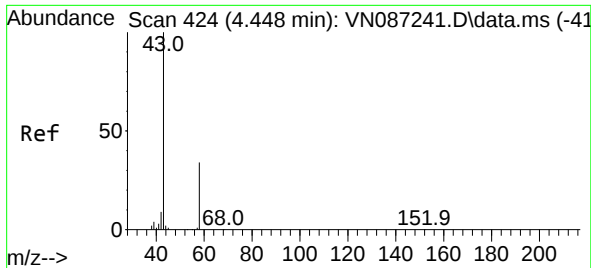
Tgt Ion:168 Resp: 234695
Ion Ratio Lower Upper
168 100
99 52.7 42.6 64.0



#14
Allyl chloride
Concen: 1.180 ug/l
RT: 4.959 min Scan# 511
Delta R.T. -0.088 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion: 41 Resp: 3155
Ion Ratio Lower Upper
41 100
39 31.2 66.3 99.5#
76 0.0 38.6 58.0#





#16

Acetone

Concen: 22.755 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN087268.D

Acq: 03 Jul 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

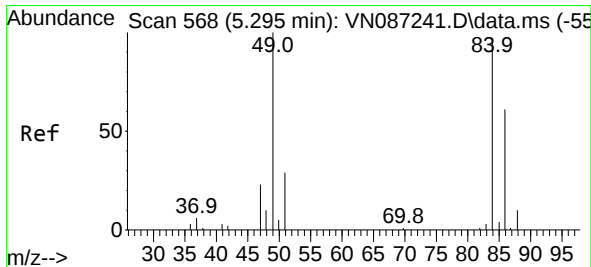
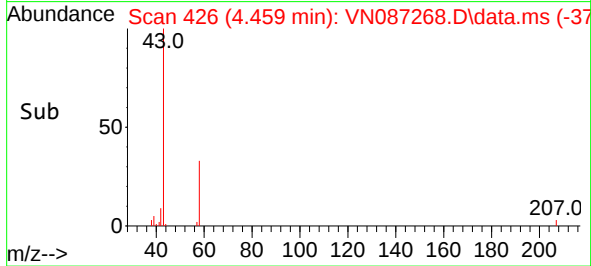
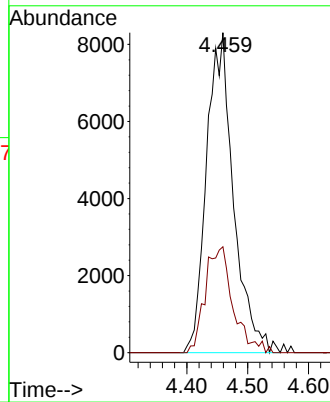
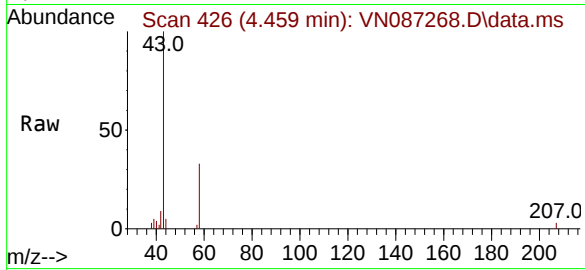
G4(10)

Tgt Ion: 43 Resp: 25625

Ion Ratio Lower Upper

43 100

58 33.1 27.1 40.7



#20

Methylene Chloride

Concen: 2.035 ug/l

RT: 5.300 min Scan# 569

Delta R.T. 0.006 min

Lab File: VN087268.D

Acq: 03 Jul 2025 14:03

Tgt Ion: 84 Resp: 5077

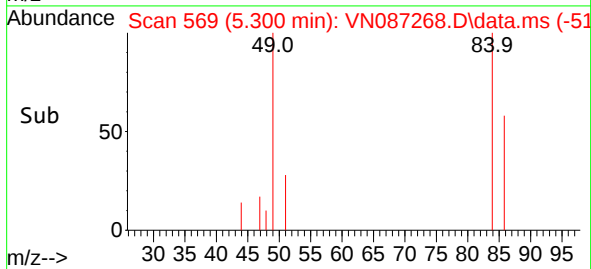
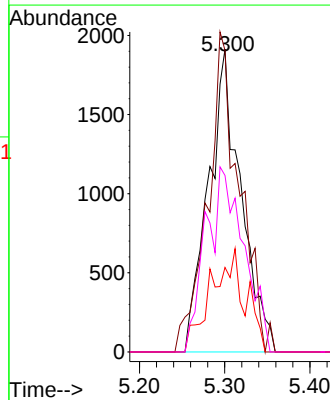
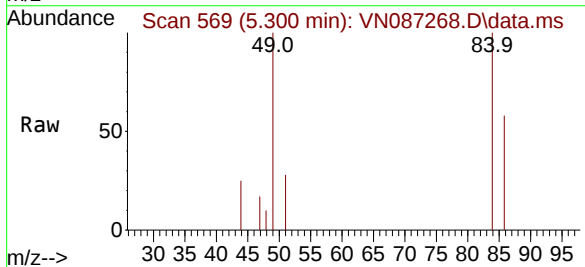
Ion Ratio Lower Upper

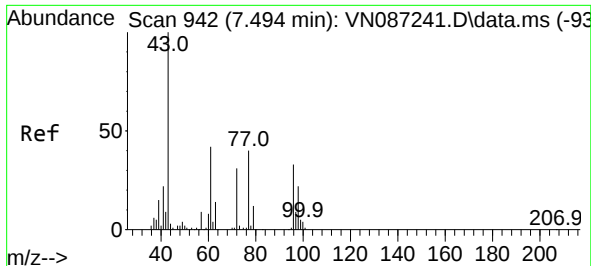
84 100

49 99.6 82.1 123.1

51 27.9 23.5 35.3

86 58.3 49.7 74.5

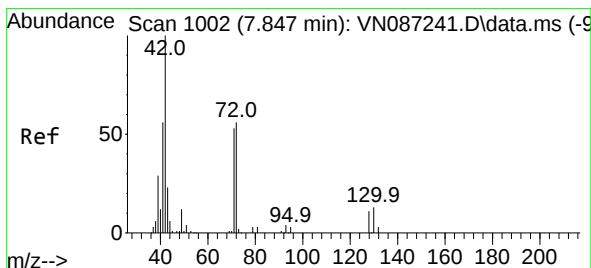
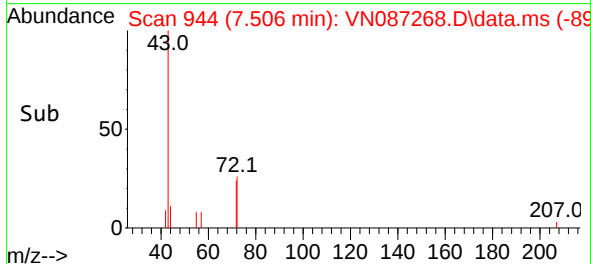
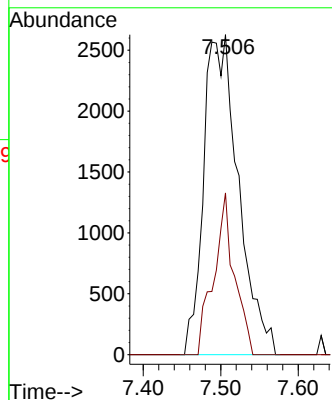
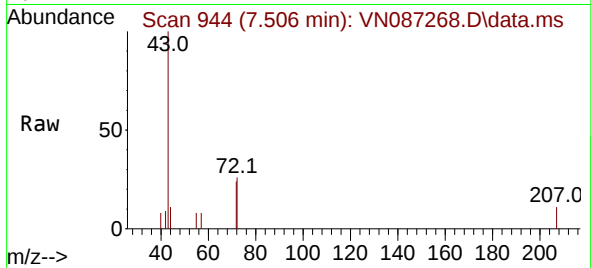




#25
2-Butanone
Concen: 4.646 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

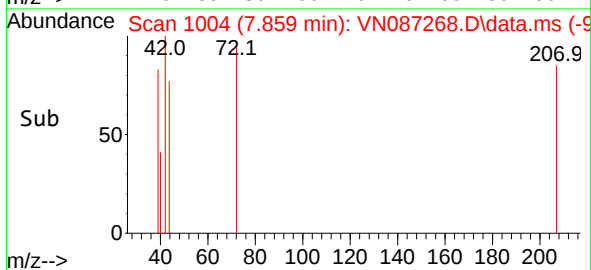
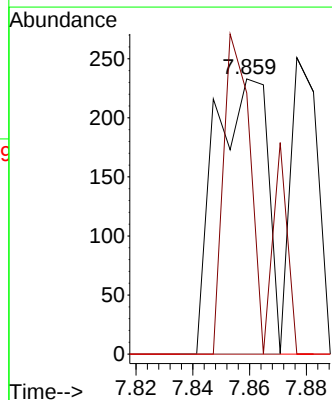
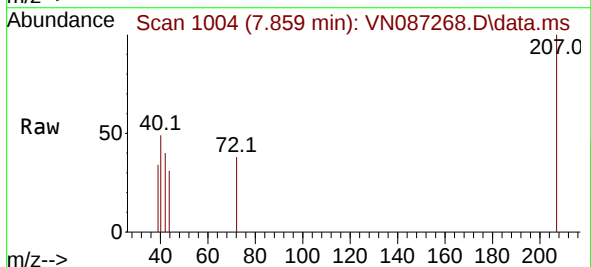
Instrument :
MSVOA_N
ClientSampleId :
G4(10)

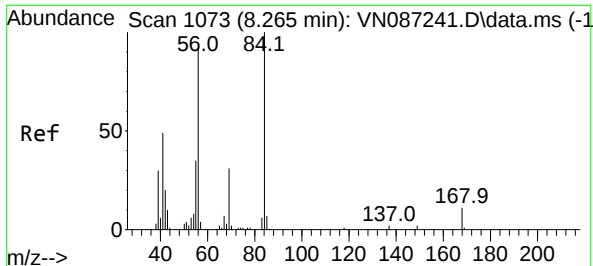
Tgt Ion: 43 Resp: 8177
Ion Ratio Lower Upper
43 100
72 50.6 24.8 37.2#



#29
Tetrahydrofuran
Concen: 0.265 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 79.0 44.2 66.4#
71 0.0 41.1 61.7#

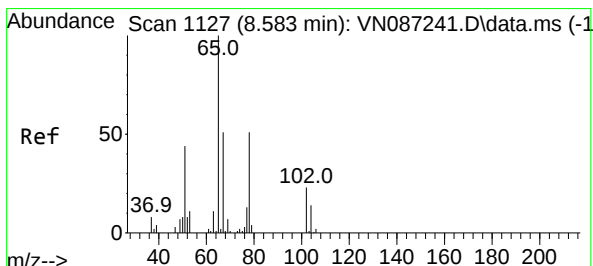
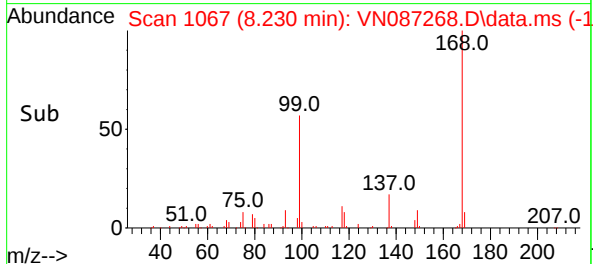
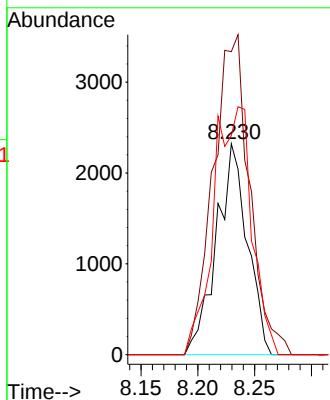
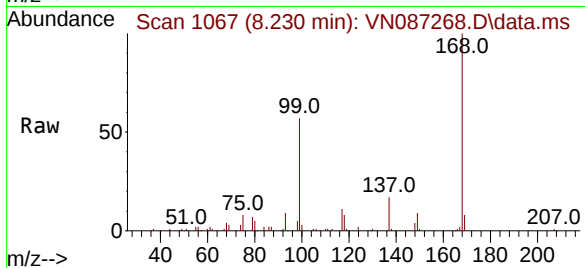




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

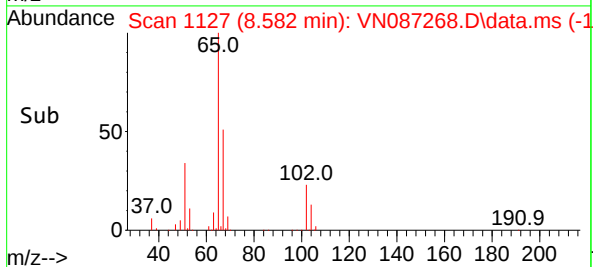
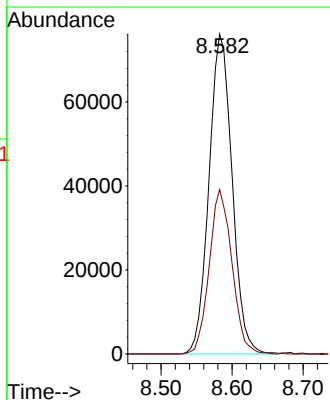
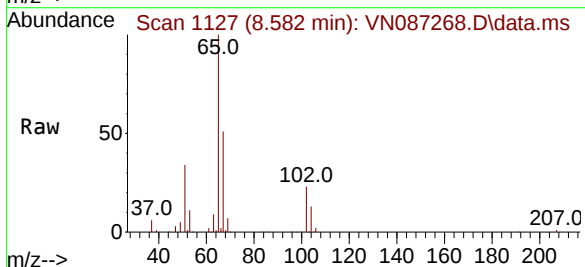
Instrument :
MSVOA_N
ClientSampleId :
G4(10)

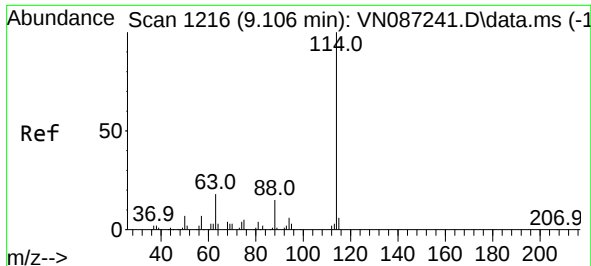
Tgt Ion: 56 Resp: 4406
Ion Ratio Lower Upper
56 100
69 143.7 27.0 40.6#
84 103.8 86.2 129.4



#33
1,2-Dichloroethane-d4
Concen: 58.470 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion: 65 Resp: 172227
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087268.D

Acq: 03 Jul 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

G4(10)

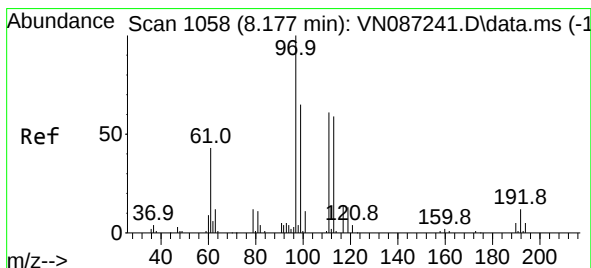
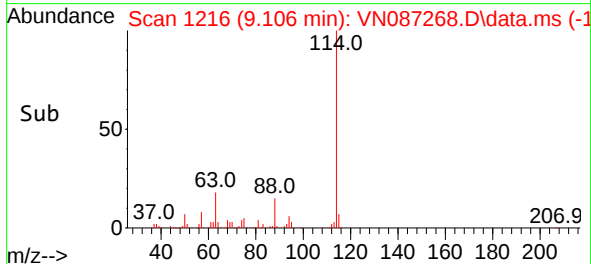
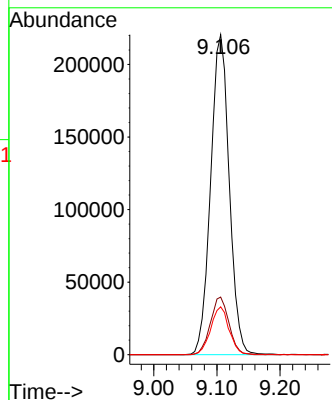
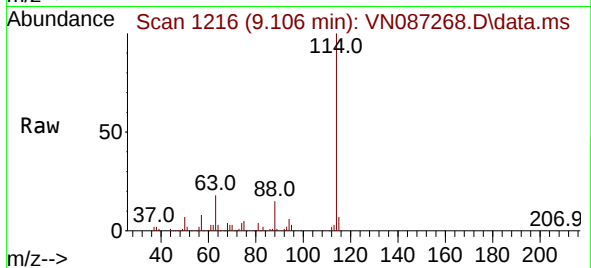
Tgt Ion:114 Resp: 450758

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 51.555 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087268.D

Acq: 03 Jul 2025 14:03

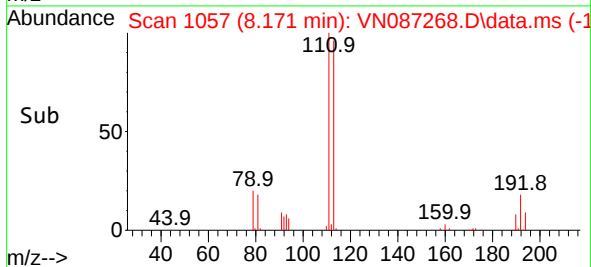
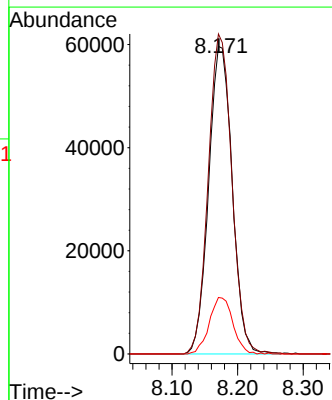
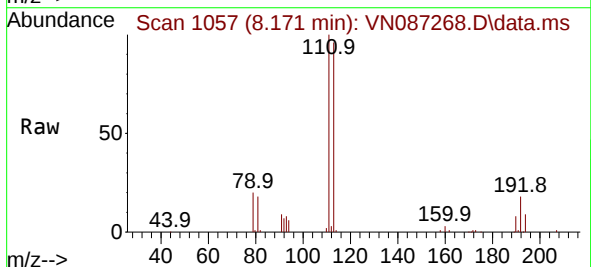
Tgt Ion:113 Resp: 148800

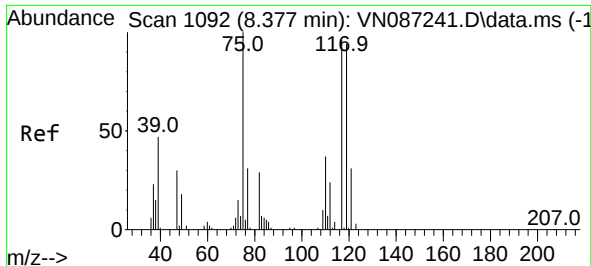
Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.2

192 18.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.522 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN087268.D

Acq: 03 Jul 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

G4(10)

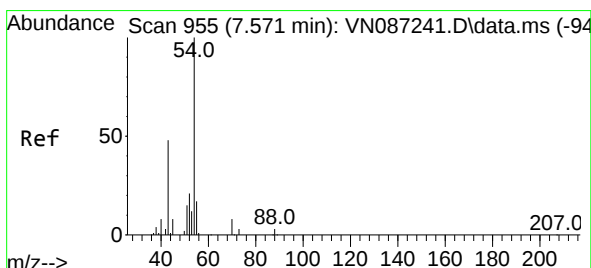
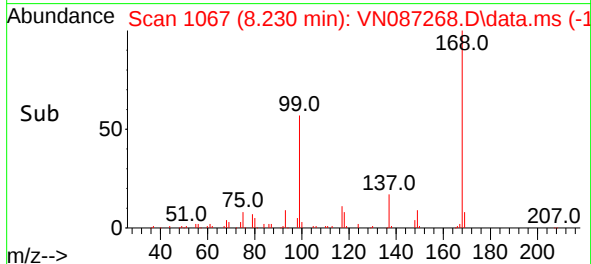
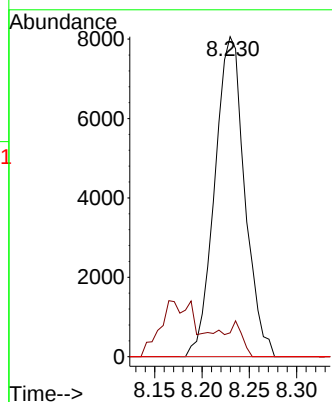
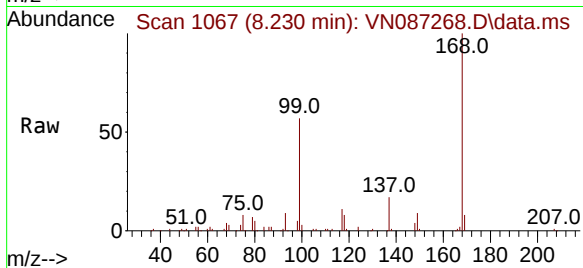
Tgt Ion: 75 Resp: 17748

Ion Ratio Lower Upper

75 100

110 4.6 18.7 56.1#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 1.938 ug/l

RT: 7.506 min Scan# 944

Delta R.T. -0.065 min

Lab File: VN087268.D

Acq: 03 Jul 2025 14:03

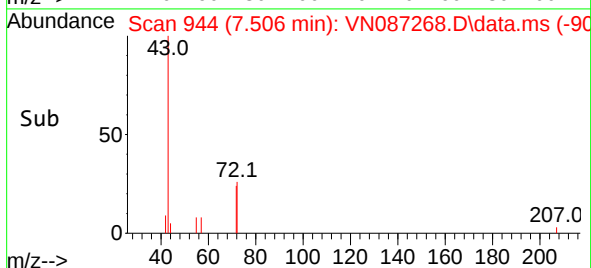
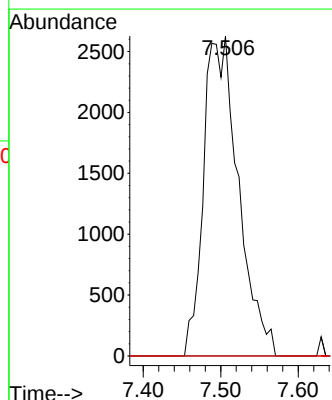
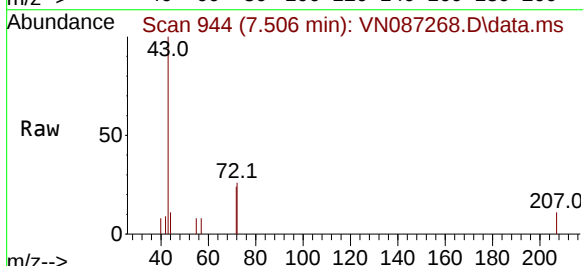
Tgt Ion: 43 Resp: 8177

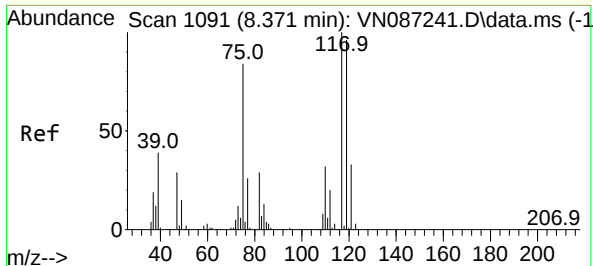
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 9.9 14.9#

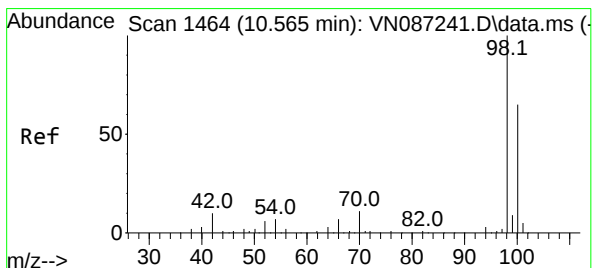
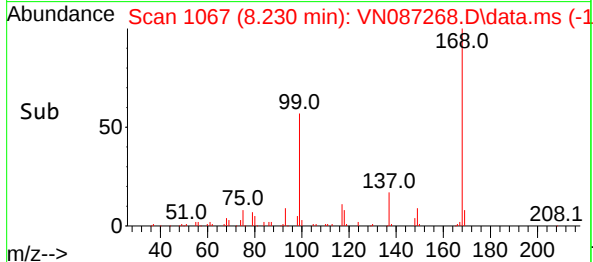
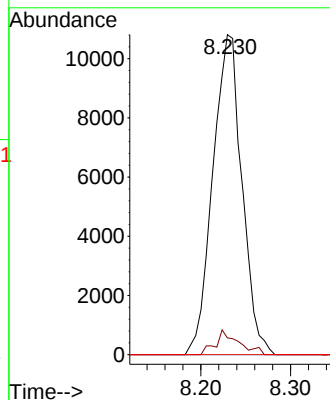
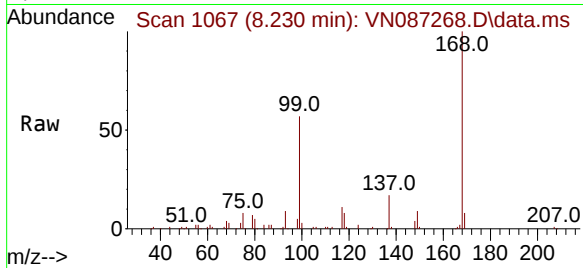




#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

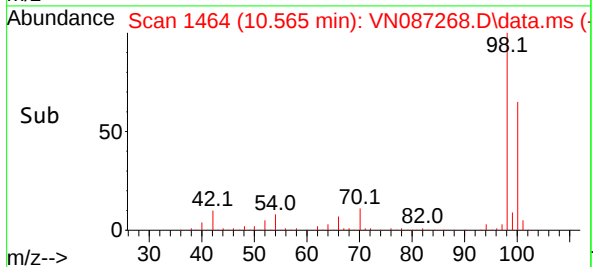
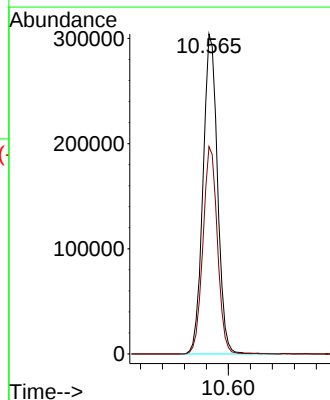
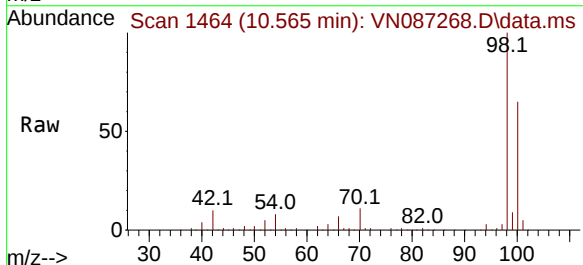
Instrument :
MSVOA_N
ClientSampleId :
G4(10)

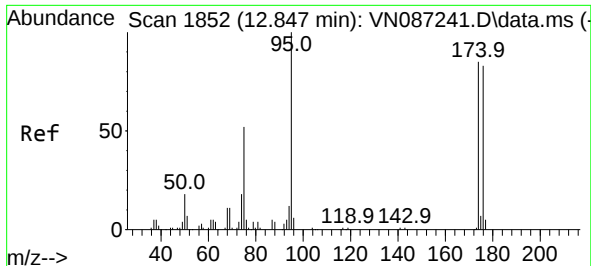
Tgt Ion:117 Resp: 24368
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 26.6 39.8#



#50
Toluene-d8
Concen: 49.513 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion: 98 Resp: 557018
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

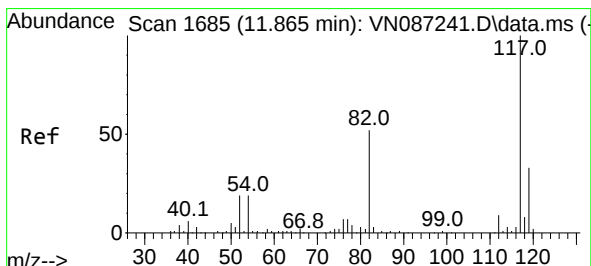
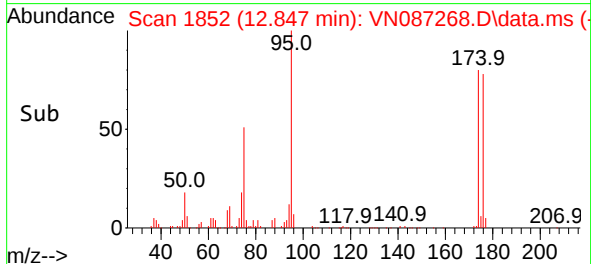
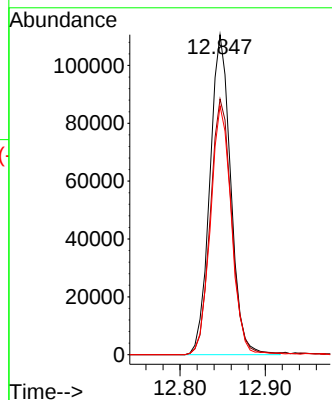
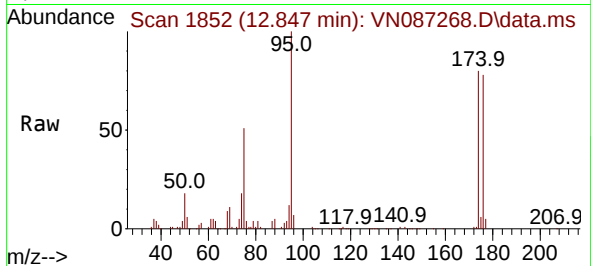




#62
4-Bromofluorobenzene
Concen: 47.043 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

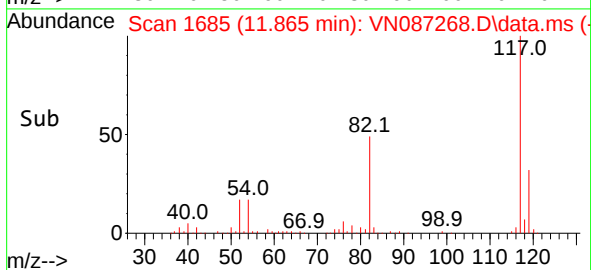
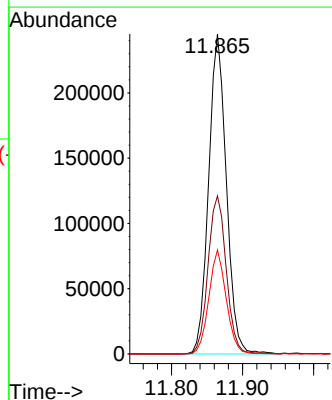
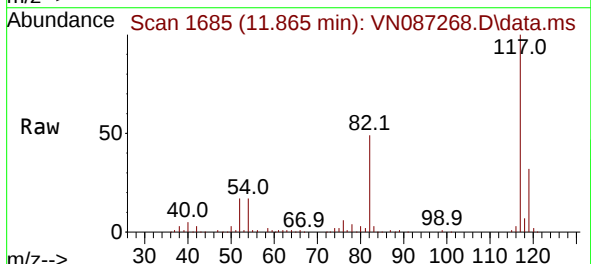
Instrument :
MSVOA_N
ClientSampleId :
G4(10)

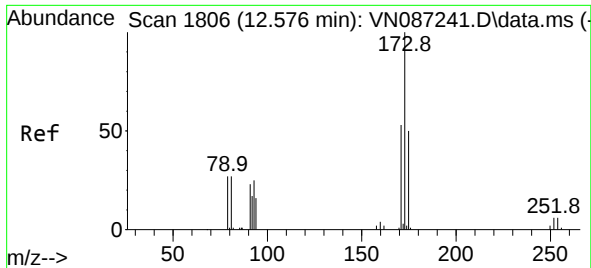
Tgt Ion: 95 Resp: 188304
Ion Ratio Lower Upper
95 100
174 81.8 0.0 169.6
176 78.2 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion: 117 Resp: 424787
Ion Ratio Lower Upper
117 100
82 49.4 41.9 62.9
119 32.5 26.2 39.4

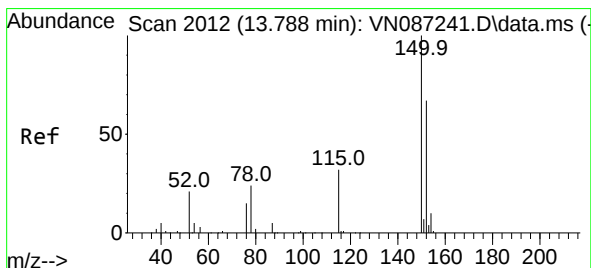
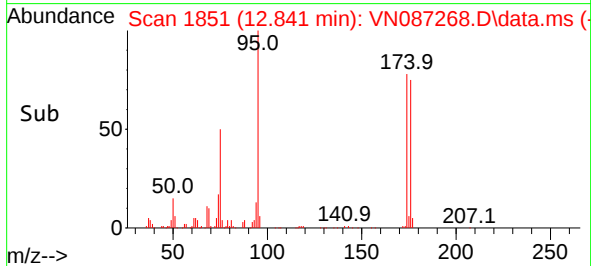
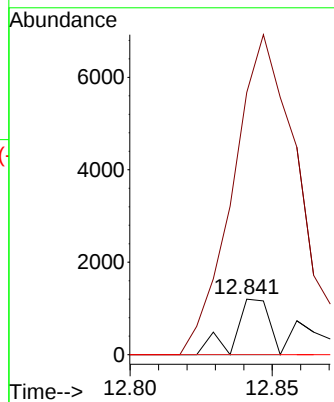
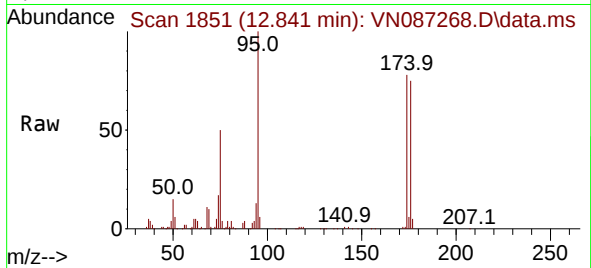




#71
Bromoform
Concen: 0.396 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

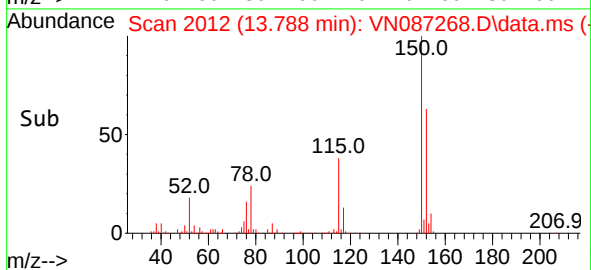
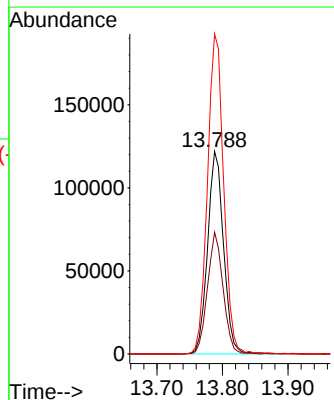
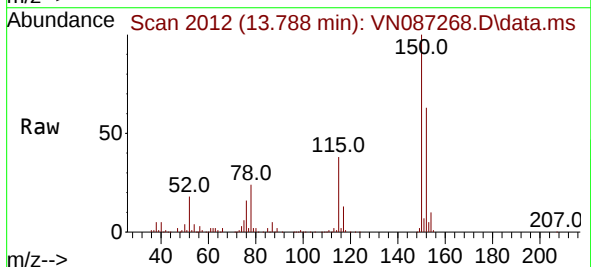
Instrument :
MSVOA_N
ClientSampleId :
G4(10)

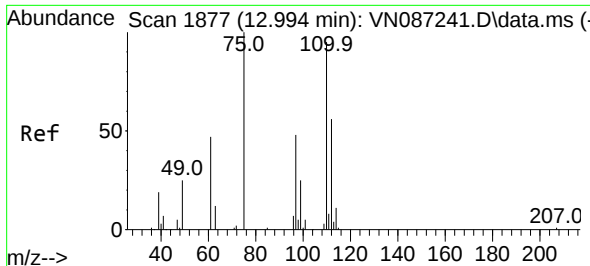
Tgt Ion:173 Resp: 1006
Ion Ratio Lower Upper
173 100
175 828.8 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion:152 Resp: 206244
Ion Ratio Lower Upper
152 100
115 58.8 28.3 84.9
150 160.5 0.0 344.6

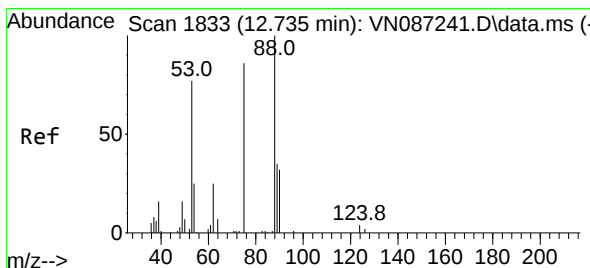
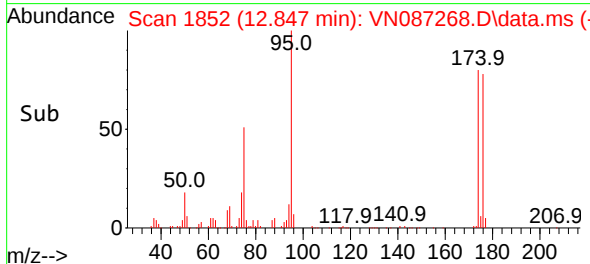
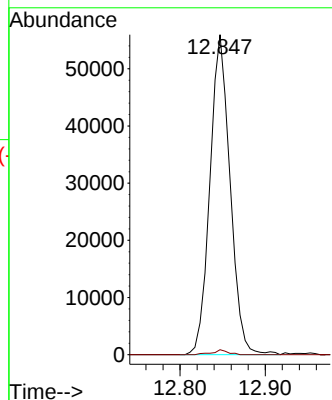
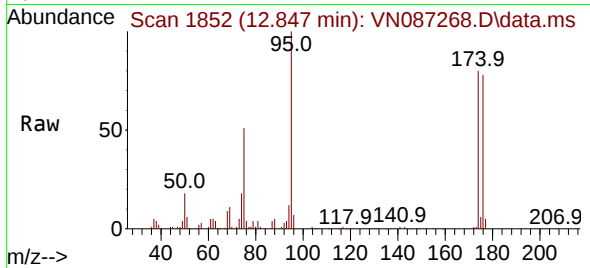




#76
1,2,3-Trichloropropane
Concen: 23.466 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
G4(10)

Tgt Ion: 75 Resp: 92056
Ion Ratio Lower Upper
75 100
77 1.2 82.0 245.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.120 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087268.D
Acq: 03 Jul 2025 14:03

Tgt Ion: 75 Resp: 92056
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 36.1 54.1#

