

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084459.D
 Acq On : 22 Oct 2024 17:09
 Operator : JC\MD
 Sample : P4475-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-278-280

Quant Time: Oct 23 01:31:04 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	8.230	168	157977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117218	50.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.080%
35) Dibromofluoromethane	8.165	113	95280	51.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.565	98	341267	49.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.847	95	115495	46.353	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.700%

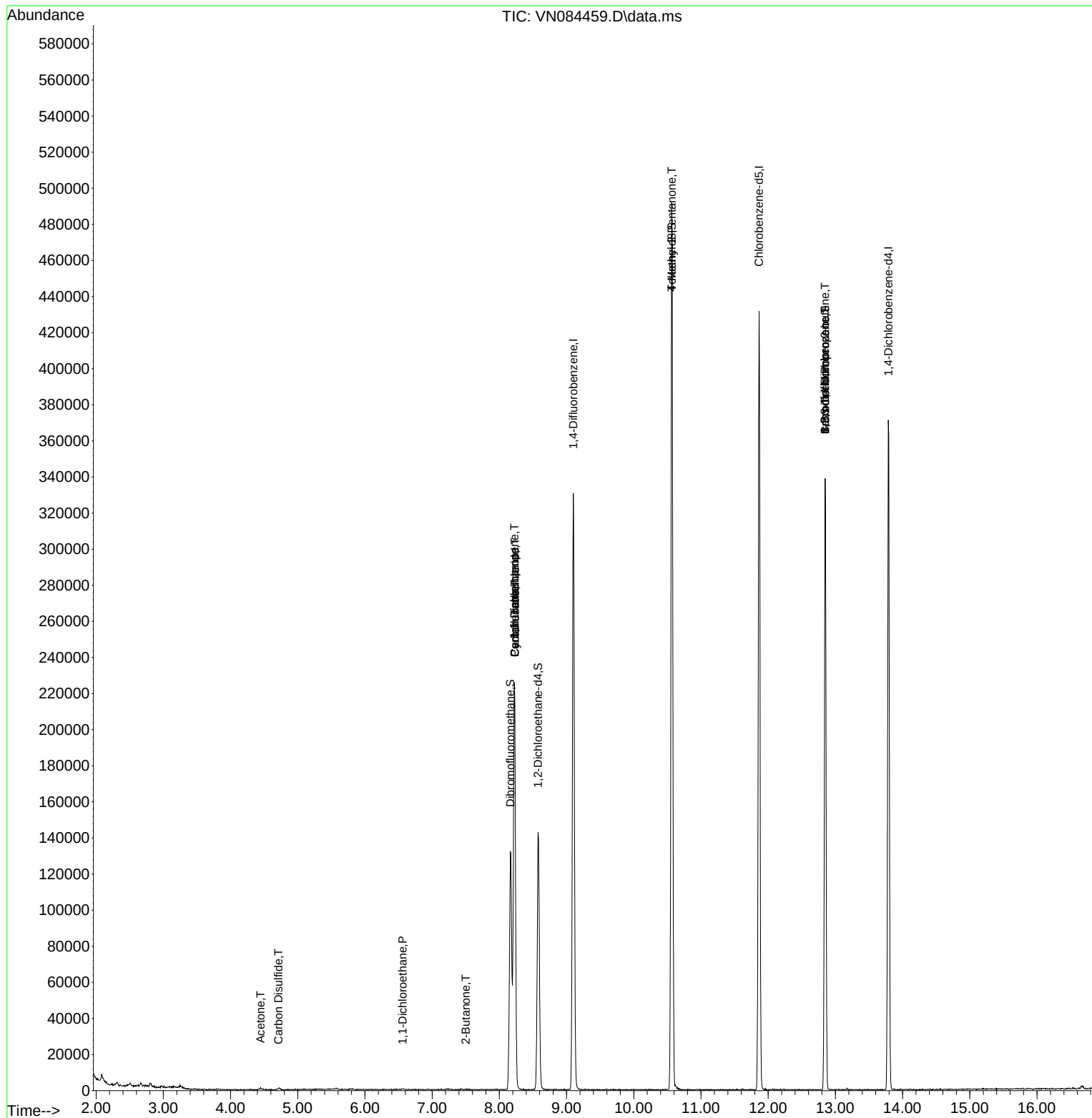
Target Compounds					Qvalue	
16) Acetone	4.447	43	1377	1.369	ug/l #	79
17) Carbon Disulfide	4.712	76	1319	0.234	ug/l #	75
24) 1,1-Dichloroethane	6.559	63	785	0.220	ug/l #	83
25) 2-Butanone	7.500	43	299	0.218	ug/l #	48
31) Cyclohexane	8.230	56	3841	1.107	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13720	5.081	ug/l #	51
38) Carbon Tetrachloride	8.230	117	17476	5.900	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1314	0.498	ug/l #	1
71) Bromoform	12.847	173	725	0.524	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	61187	29.724	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61187	71.262	ug/l #	11

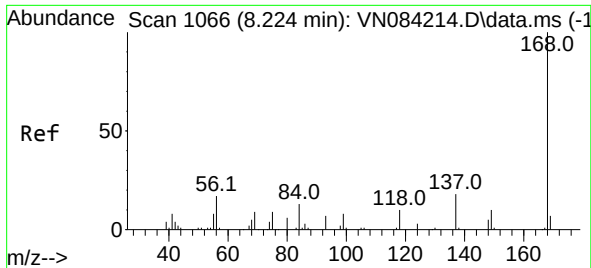
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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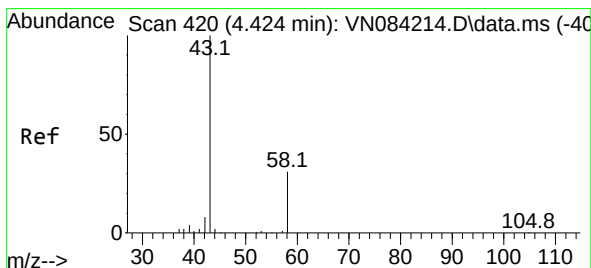
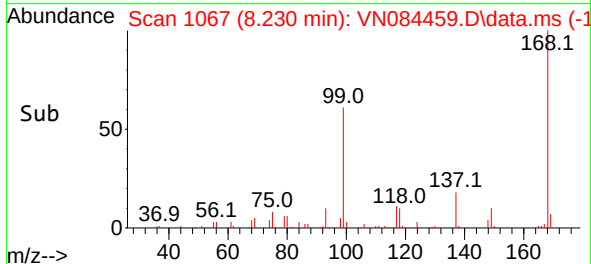
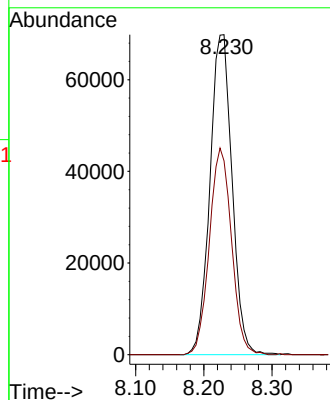
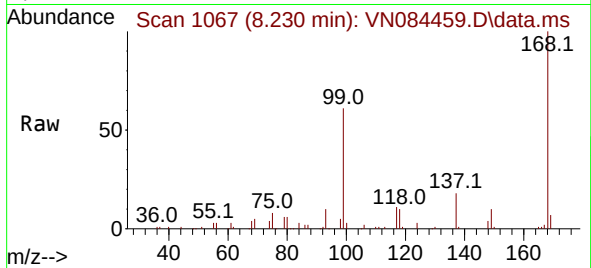




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

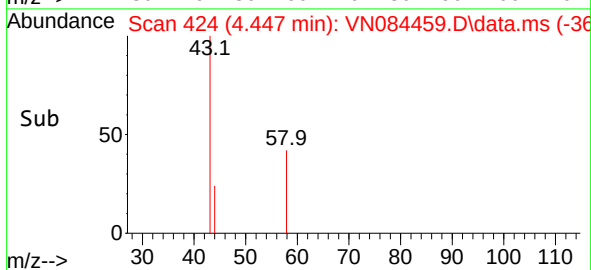
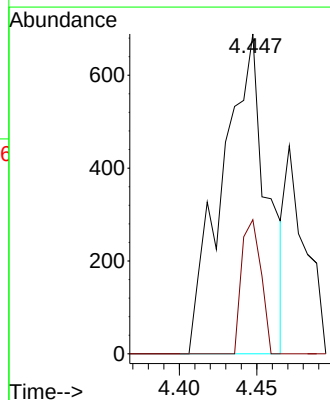
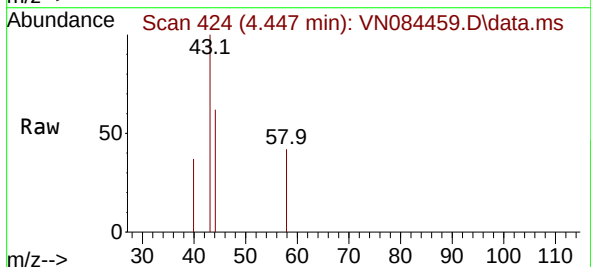
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-278-280

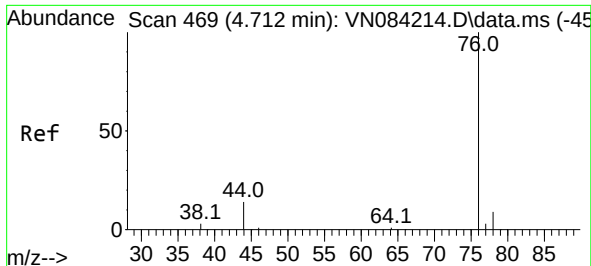
Tgt Ion:168 Resp: 157977
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2



#16
Acetone
Concen: 1.369 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 41.9 24.4 36.6#

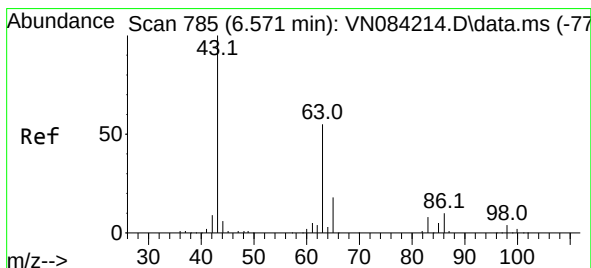
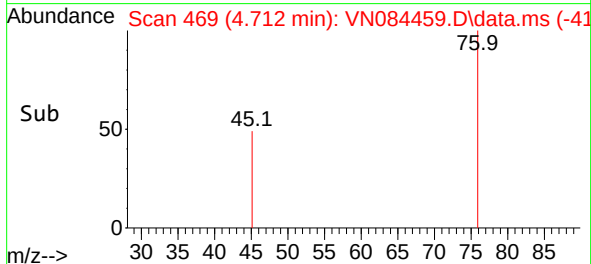
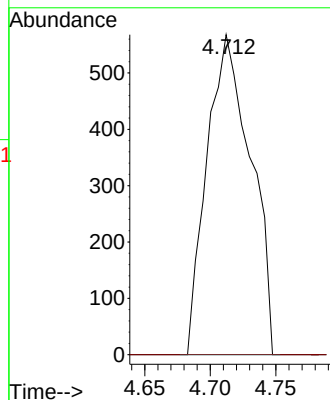
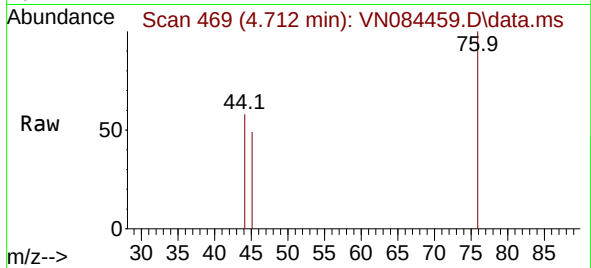




#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

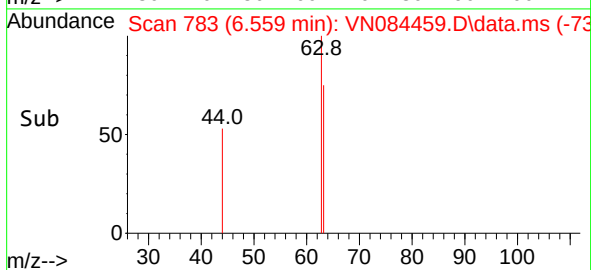
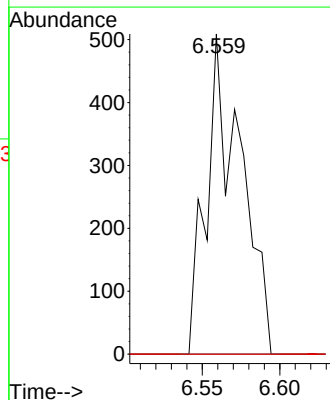
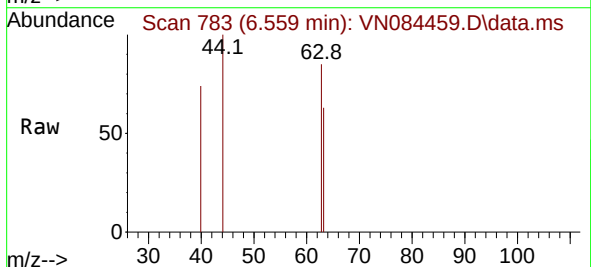
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-278-280

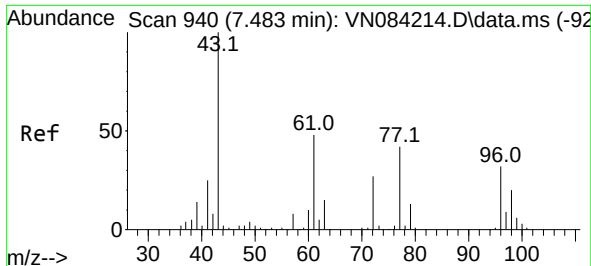
Tgt Ion: 76 Resp: 1319
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#24
1,1-Dichloroethane
Concen: 0.220 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.012 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion: 63 Resp: 785
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.0 5.8#

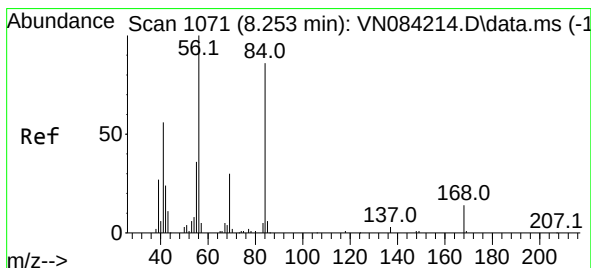
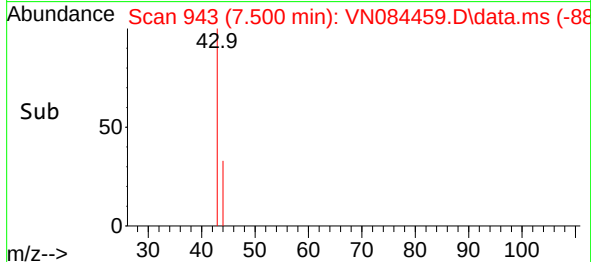
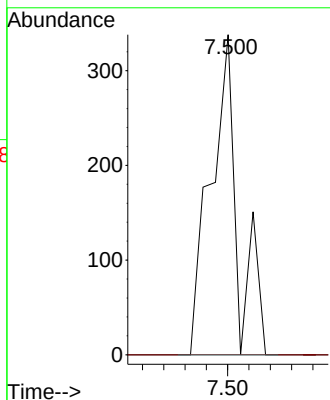
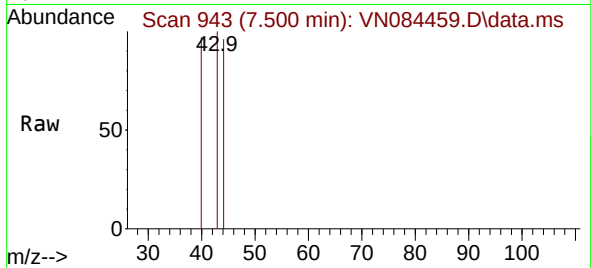




#25
2-Butanone
Concen: 0.218 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

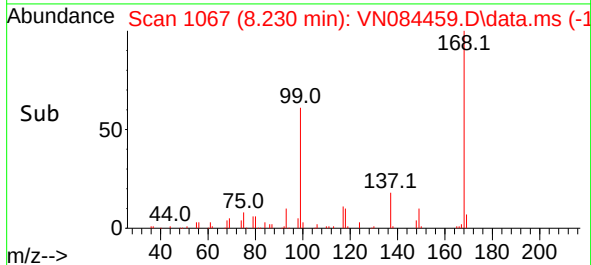
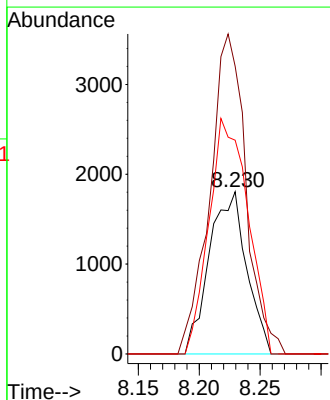
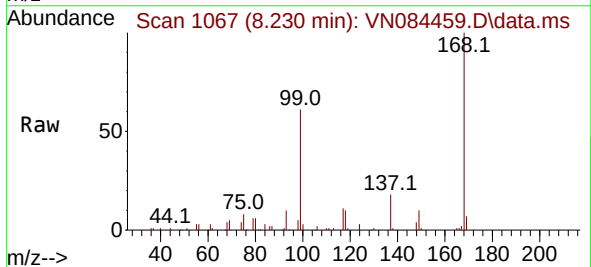
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-278-280

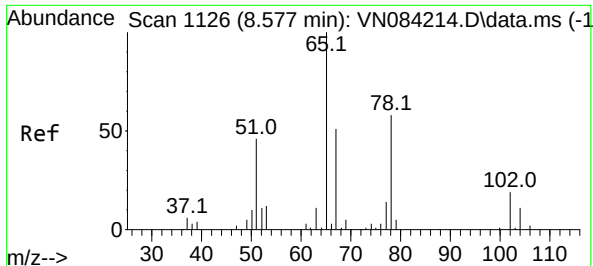
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion: 56 Resp: 3841
Ion Ratio Lower Upper
56 100
69 177.3 23.8 35.6#
84 131.8 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.044 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084459.D

Acq: 22 Oct 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

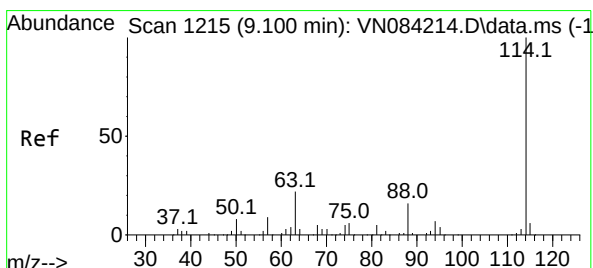
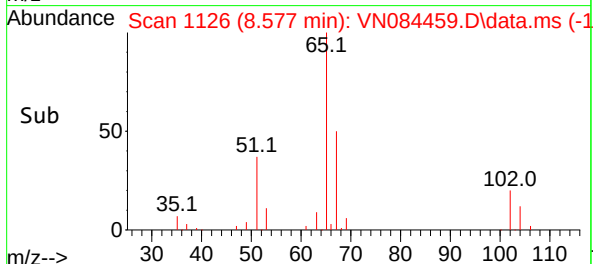
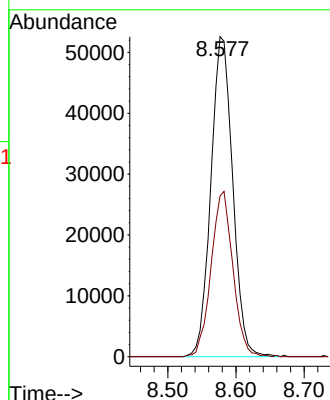
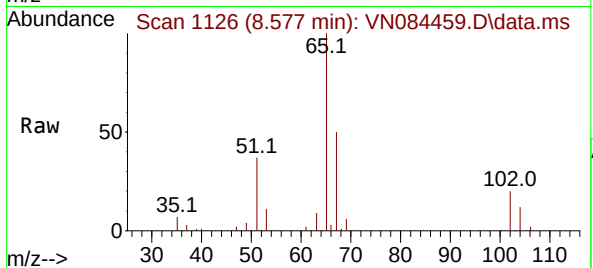
BP-VPB-190-GW-278-280

Tgt Ion: 65 Resp: 117218

Ion Ratio Lower Upper

65 100

67 51.6 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: VN084459.D

Acq: 22 Oct 2024 17:09

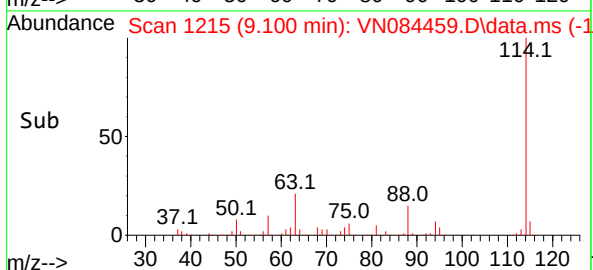
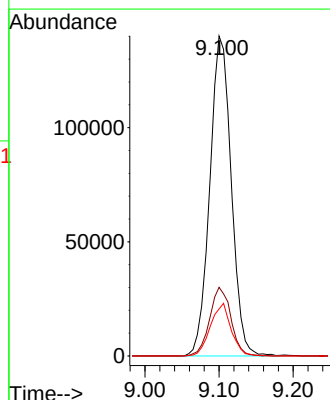
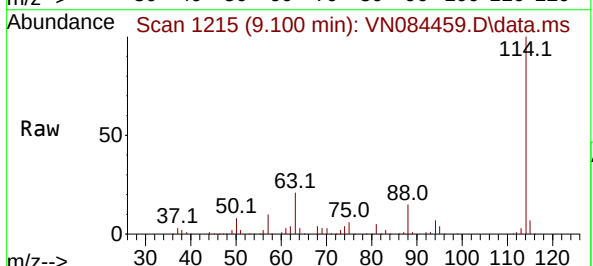
Tgt Ion: 114 Resp: 281977

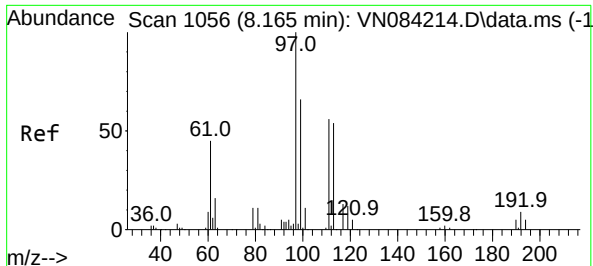
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 14.7 0.0 31.6

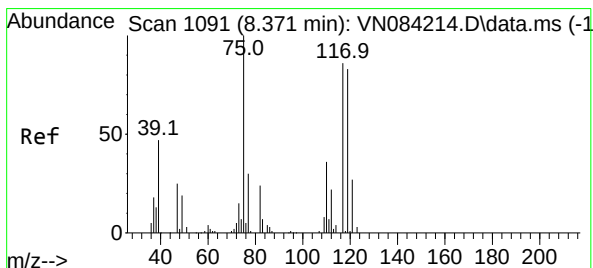
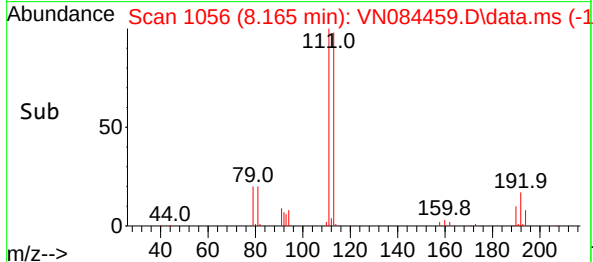
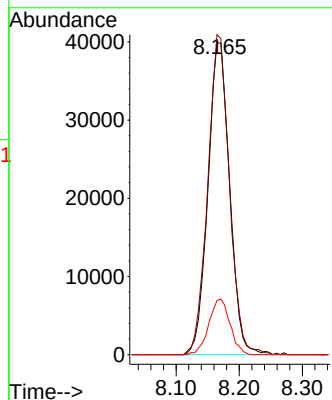
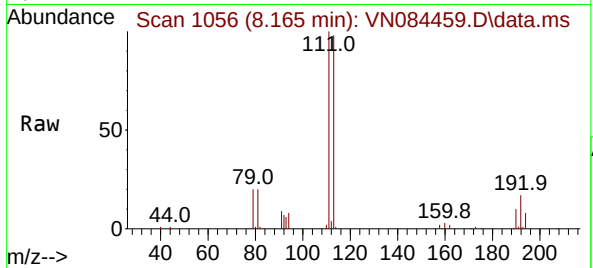




#35
Dibromofluoromethane
Concen: 51.254 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

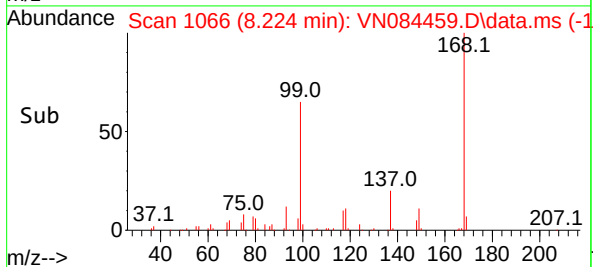
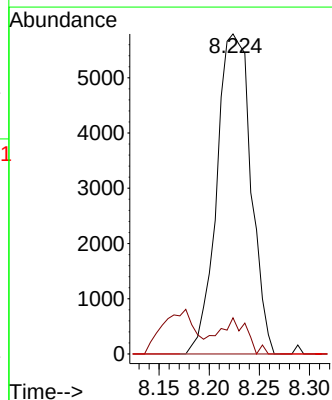
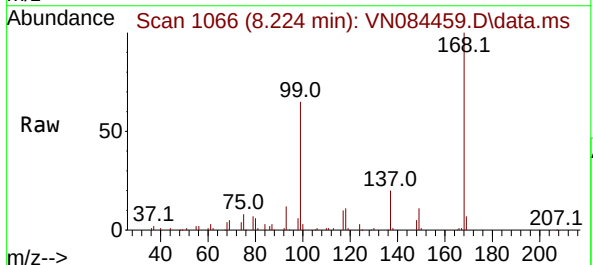
Instrument :
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BP-VPB-190-GW-278-280

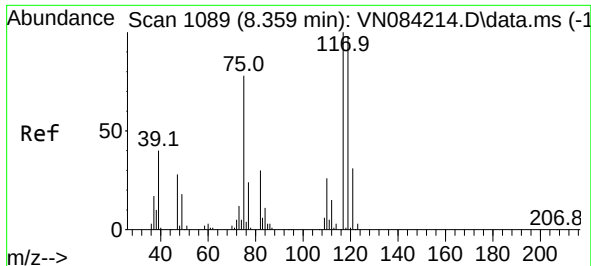
Tgt Ion:113 Resp: 95280
Ion Ratio Lower Upper
113 100
111 102.1 83.3 124.9
192 17.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

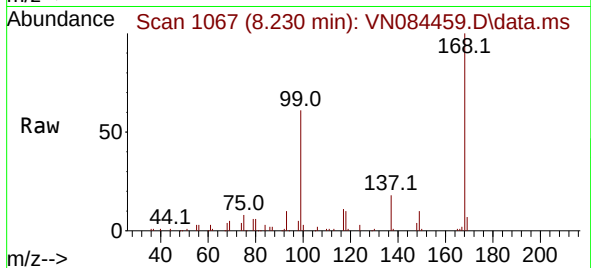
Tgt Ion: 75 Resp: 13720
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.7#
77 0.0 24.7 37.1#



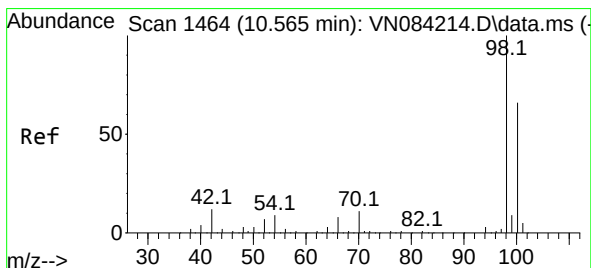
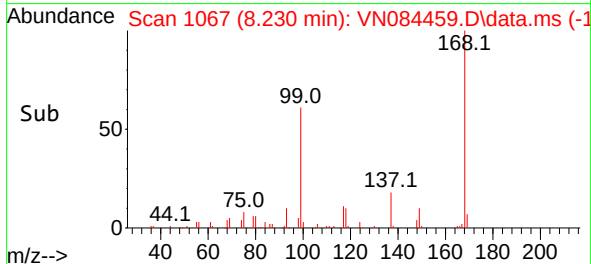
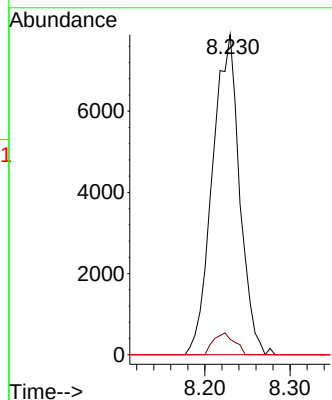


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-278-280

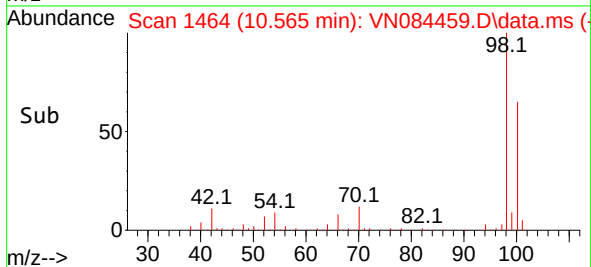
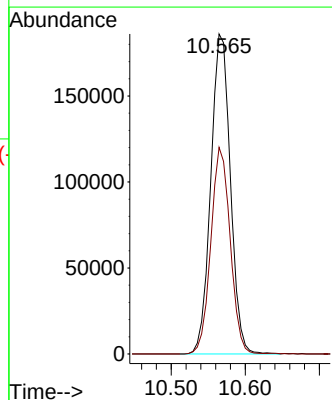
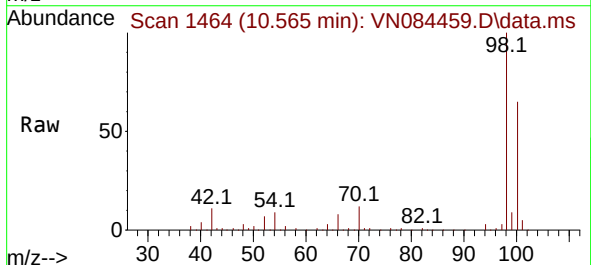


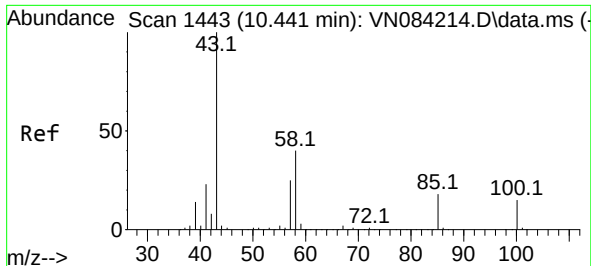
Tgt Ion:117 Resp: 17476
Ion Ratio Lower Upper
117 100
119 4.8 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.898 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Tgt Ion: 98 Resp: 341267
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.498 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.123 min

Lab File: VN084459.D

Acq: 22 Oct 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

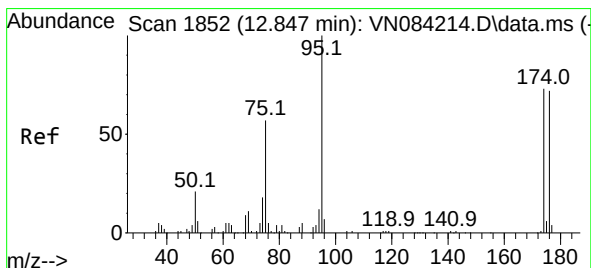
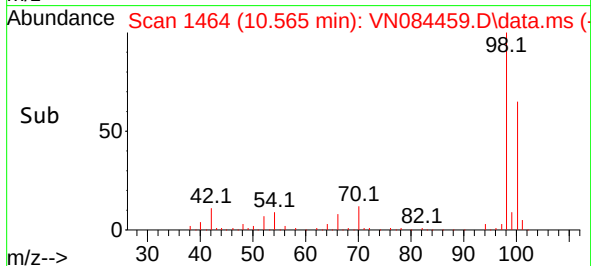
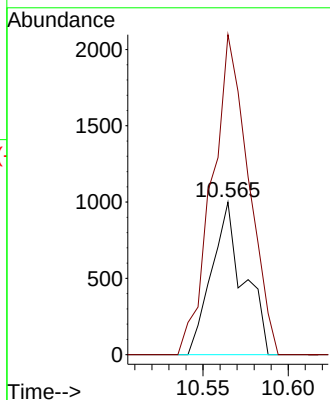
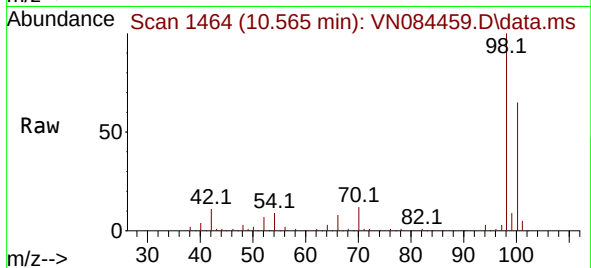
BP-VPB-190-GW-278-280

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

58 238.5 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 46.353 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084459.D

Acq: 22 Oct 2024 17:09

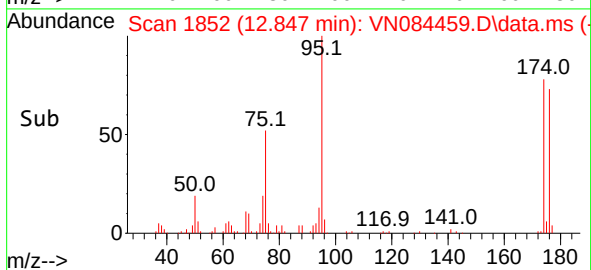
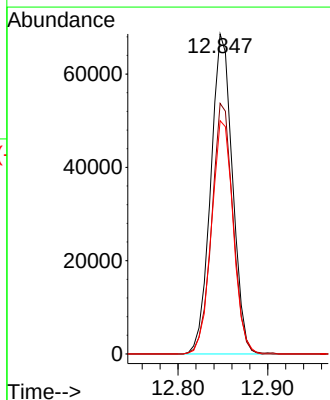
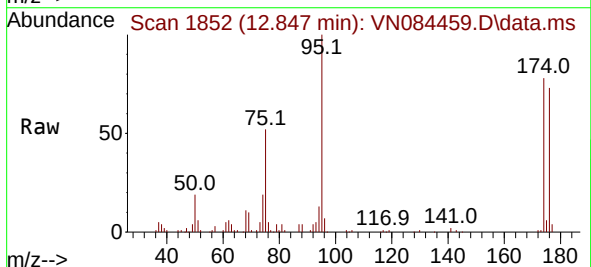
Tgt Ion: 95 Resp: 115495

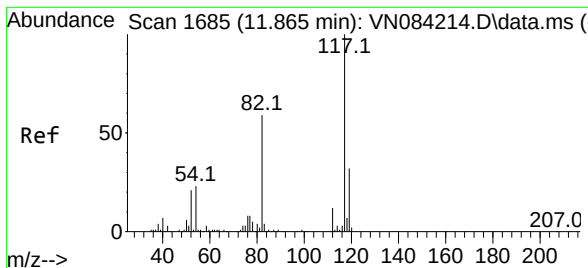
Ion Ratio Lower Upper

95 100

174 76.4 0.0 145.2

176 72.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084459.D

Acq: 22 Oct 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-278-280

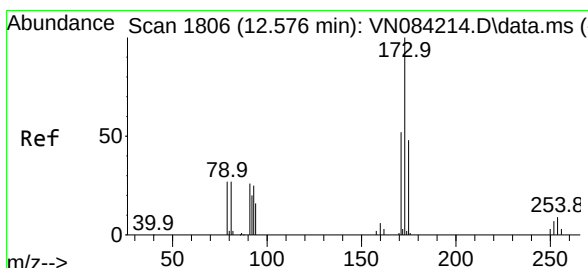
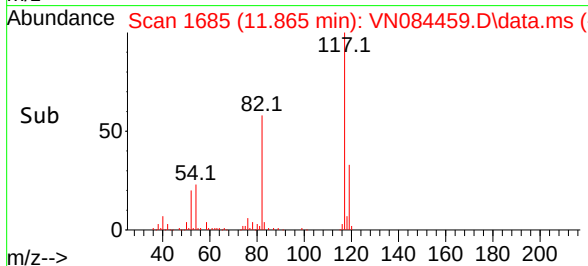
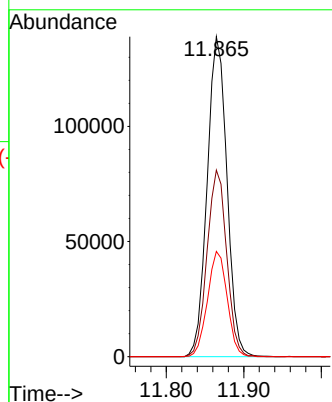
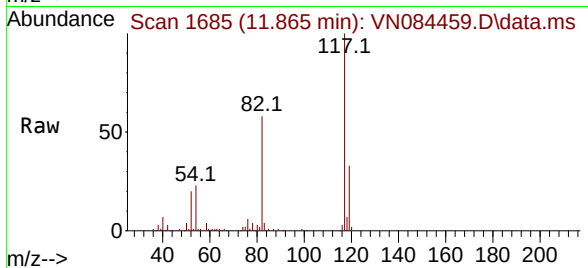
Tgt Ion:117 Resp: 245983

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 32.9 25.4 38.0



#71

Bromoform

Concen: 0.524 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084459.D

Acq: 22 Oct 2024 17:09

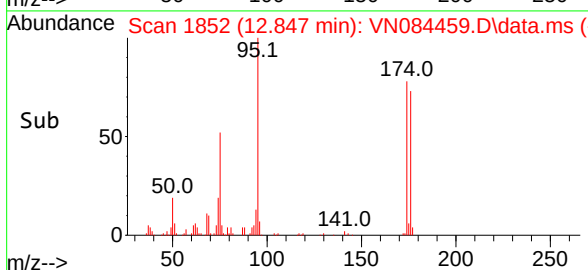
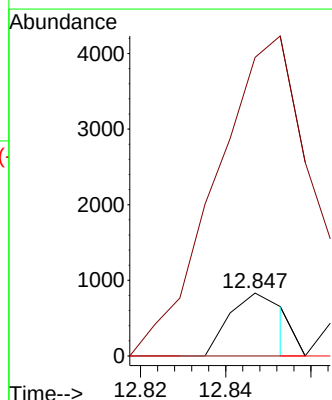
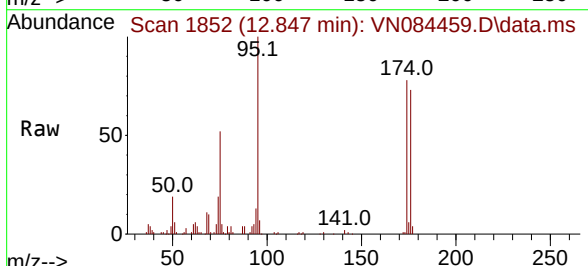
Tgt Ion:173 Resp: 725

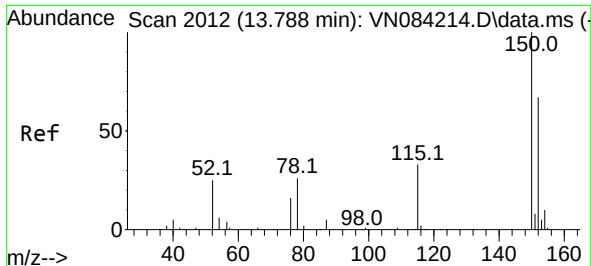
Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

254 0.0 0.0 0.0

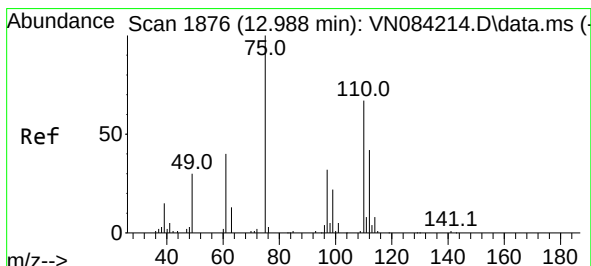
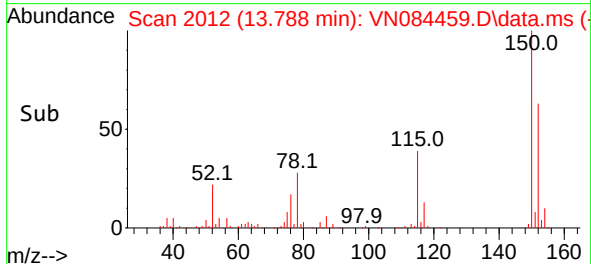
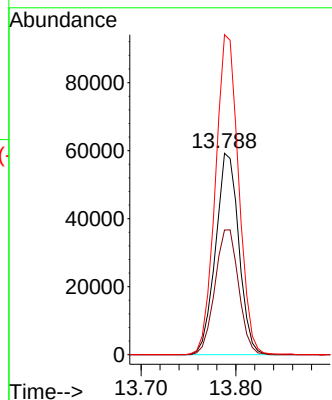
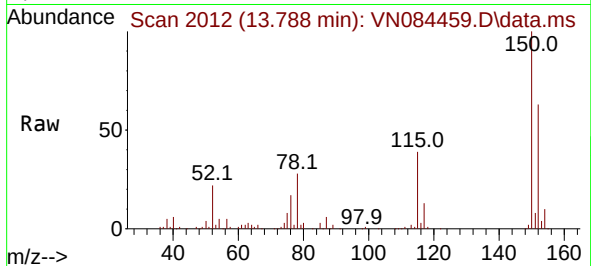




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084459.D
 Acq: 22 Oct 2024 17:09

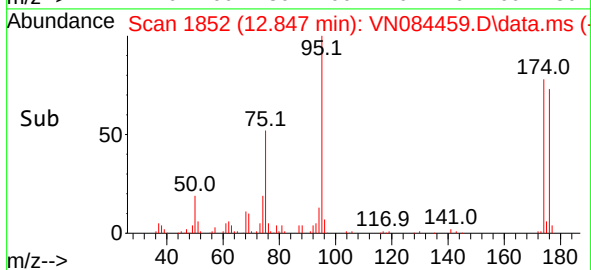
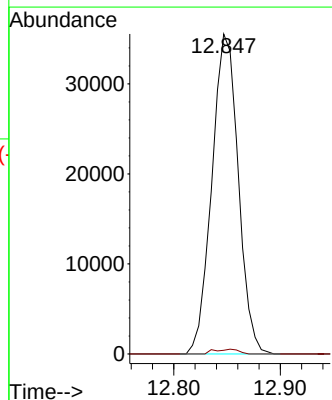
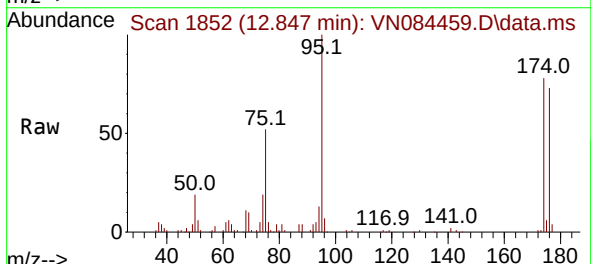
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-278-280

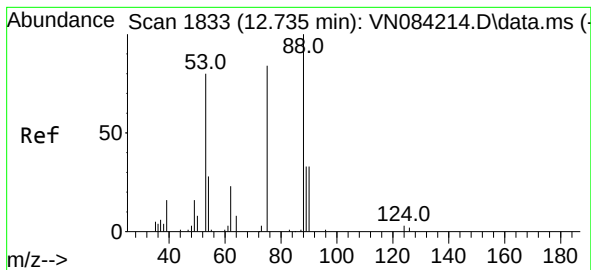
Tgt Ion:152 Resp: 100831
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.3 93.9
 150 158.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.724 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084459.D
 Acq: 22 Oct 2024 17:09

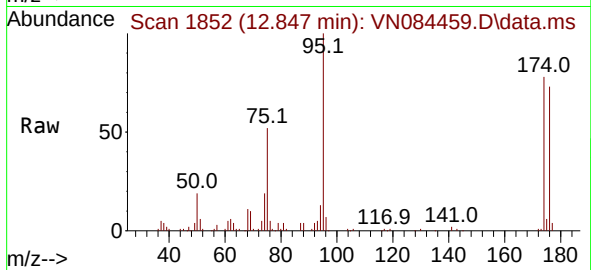
Tgt Ion: 75 Resp: 61187
 Ion Ratio Lower Upper
 75 100
 77 1.4 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.262 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084459.D
Acq: 22 Oct 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-278-280



Tgt Ion: 75 Resp: 61187
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

