

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084458.D
 Acq On : 22 Oct 2024 16:45
 Operator : JC\MD
 Sample : P4475-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-258-260

Quant Time: Oct 23 01:30:38 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)

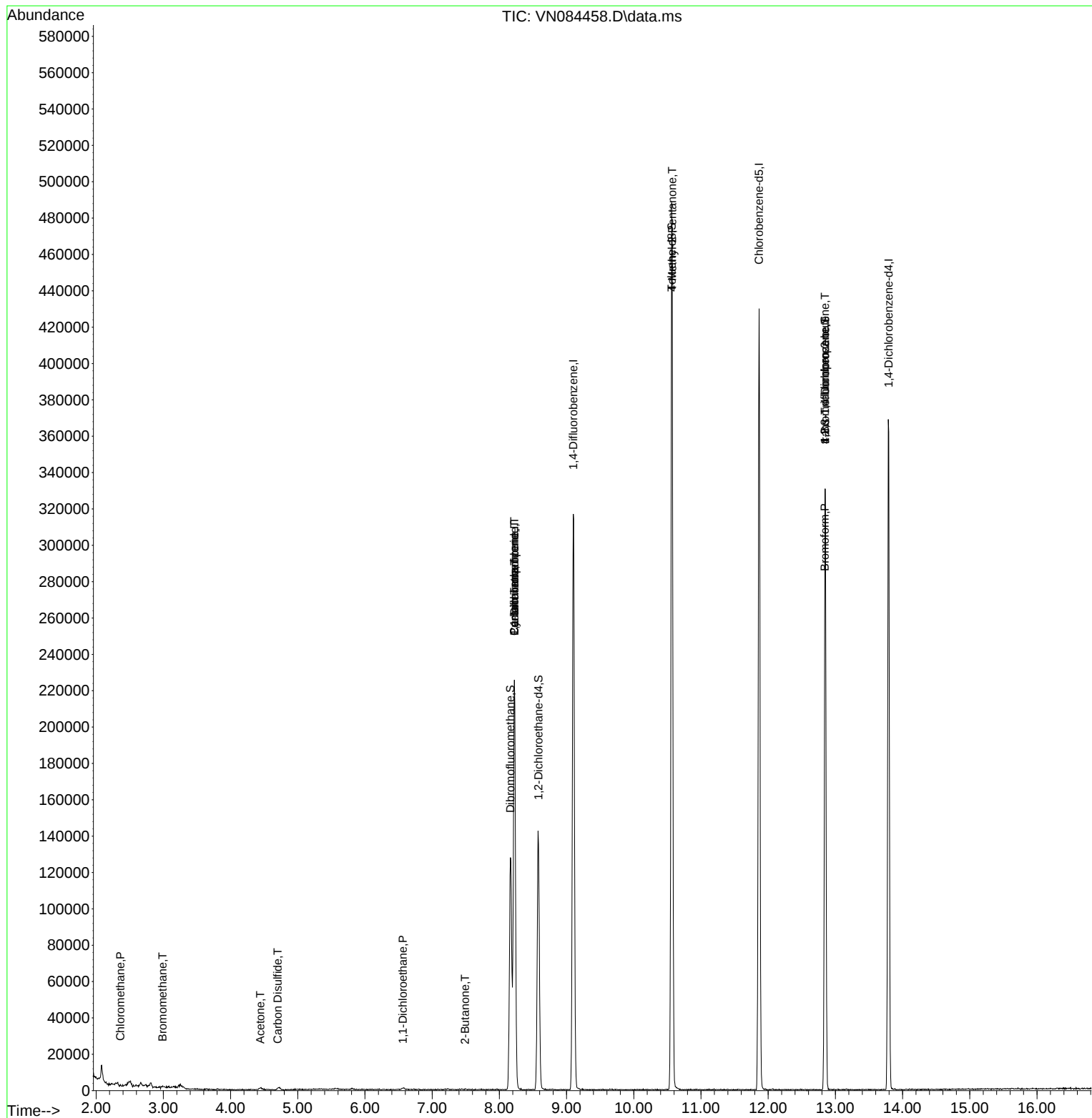
Internal Standards						
1) Pentafluorobenzene	8.224	168	160725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116778	49.004	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	8.165	113	93750	51.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.565	98	335172	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.847	95	116709	47.645	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	511	0.235	ug/l #	41
5) Bromomethane	2.989	94	334	0.241	ug/l #	4
16) Acetone	4.442	43	1646	1.608	ug/l	94
17) Carbon Disulfide	4.700	76	2143	0.374	ug/l #	75
24) 1,1-Dichloroethane	6.565	63	1848	0.508	ug/l #	83
25) 2-Butanone	7.488	43	400	0.287	ug/l #	48
31) Cyclohexane	8.224	56	3845	1.089	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	14192	5.346	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17837	6.125	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1487	0.574	ug/l #	1
71) Bromoform	12.841	173	327	0.238	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	60324	29.606	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60324	70.980	ug/l #	11

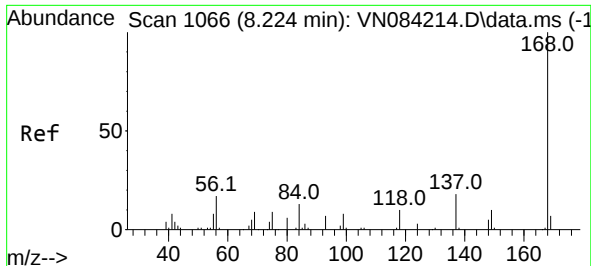
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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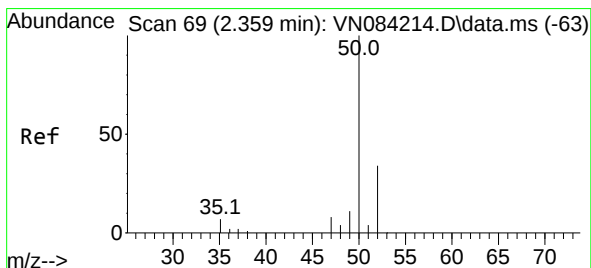
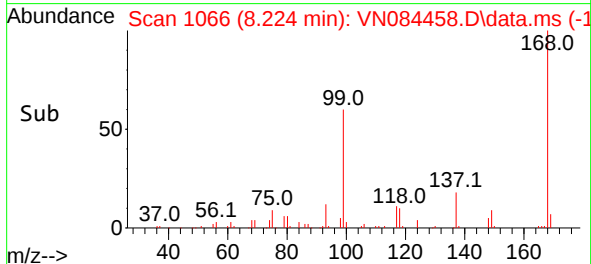
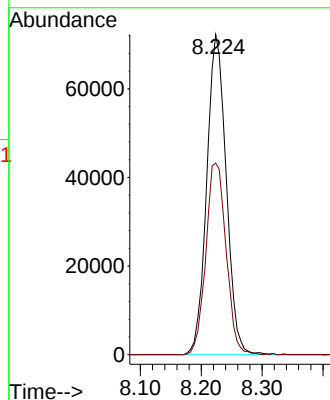
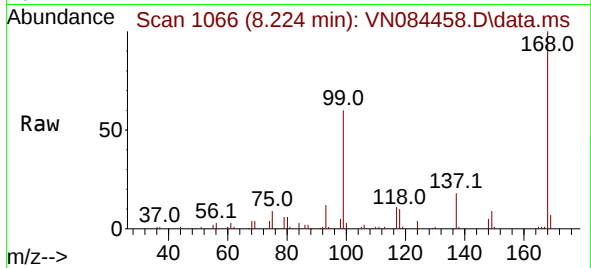




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

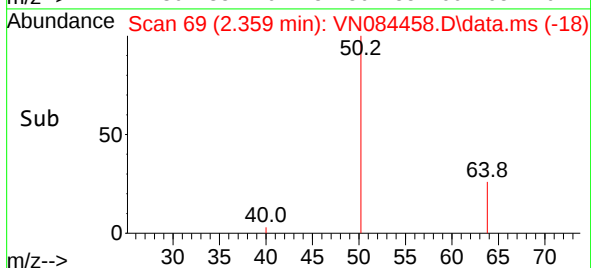
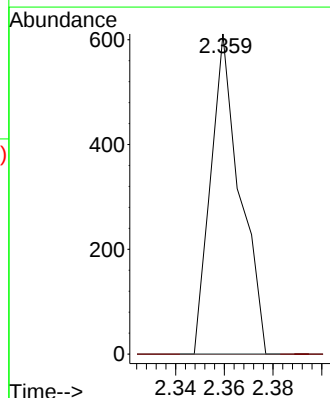
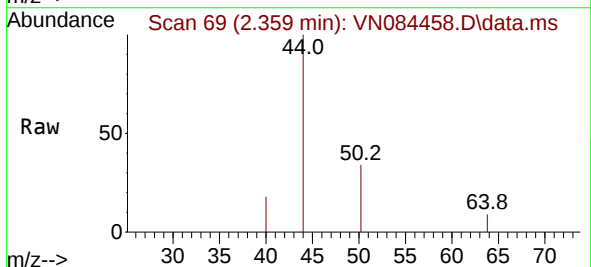
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-GW-258-260

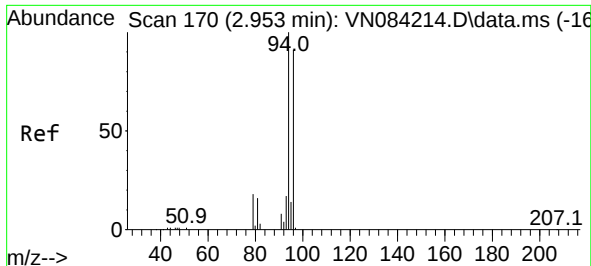
Tgt Ion:168 Resp: 160725
Ion Ratio Lower Upper
168 100
99 59.9 54.2 81.2



#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

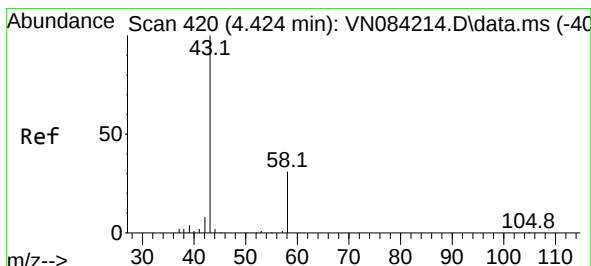
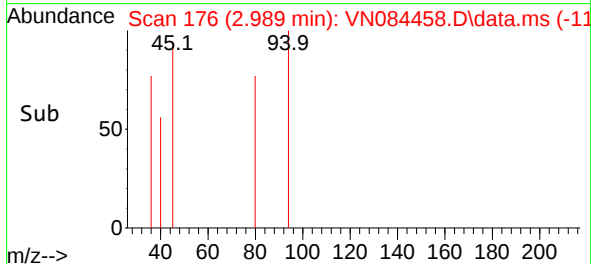
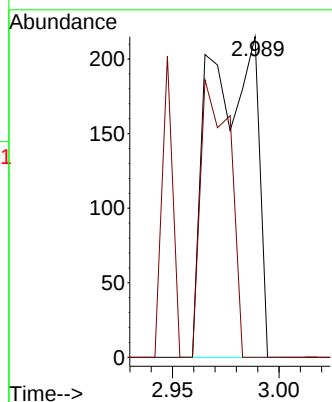
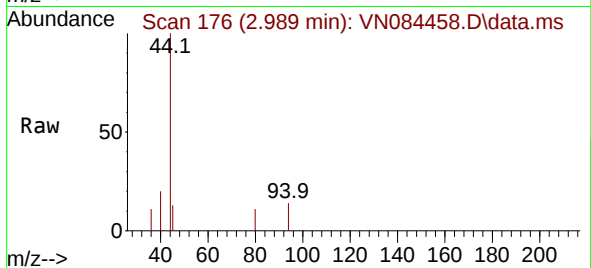




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

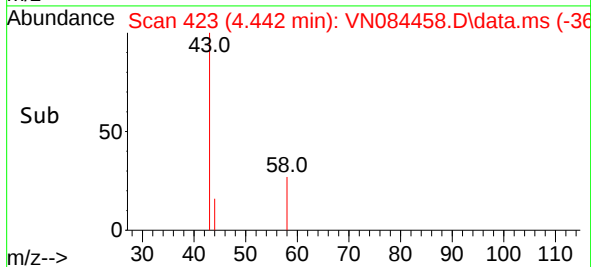
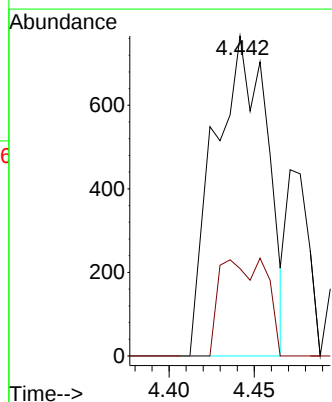
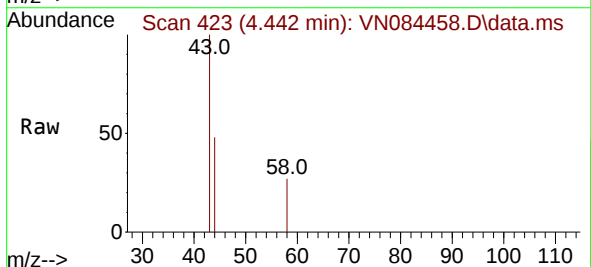
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-258-260

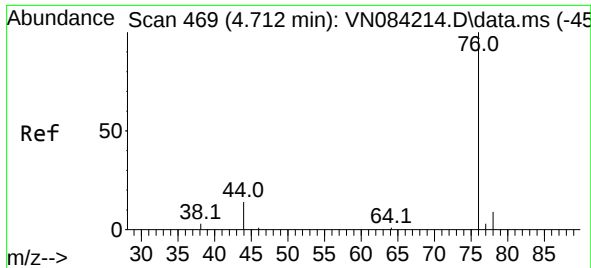
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#16
Acetone
Concen: 1.608 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 27.3 24.4 36.6





#17

Carbon Disulfide

Concen: 0.374 ug/l

RT: 4.700 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

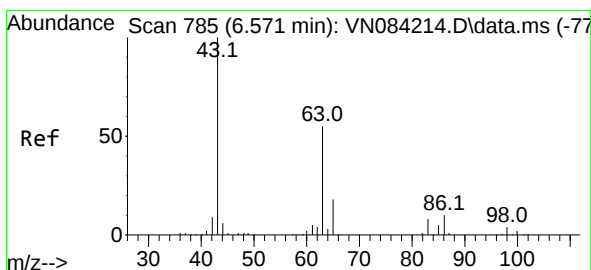
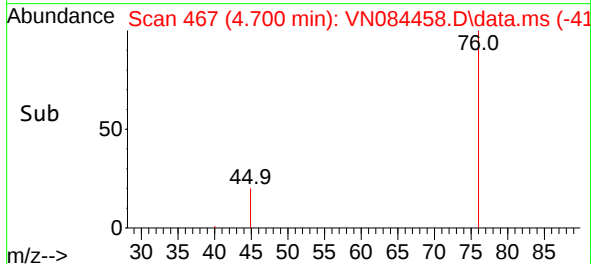
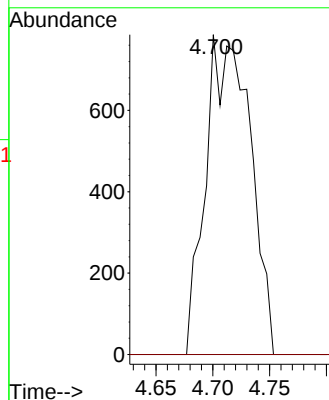
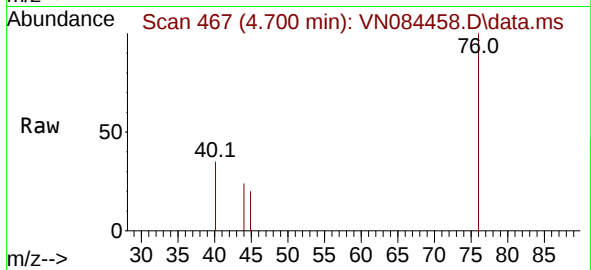
BP-VPB-190-GW-258-260

Tgt Ion: 76 Resp: 2143

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#24

1,1-Dichloroethane

Concen: 0.508 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

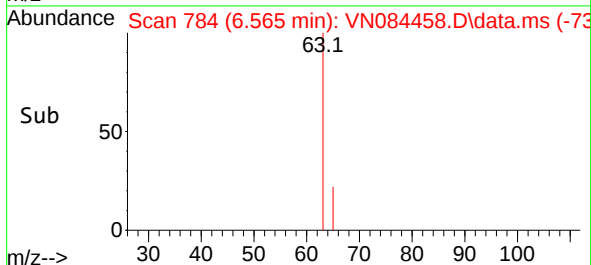
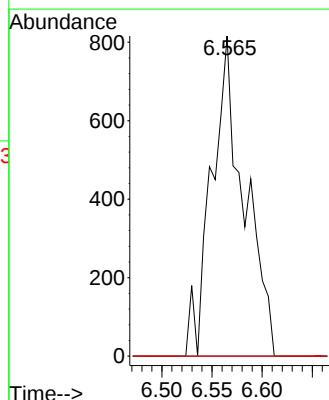
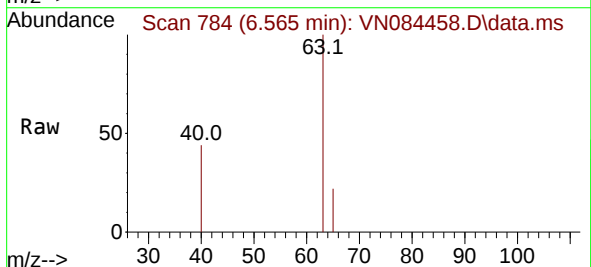
Tgt Ion: 63 Resp: 1848

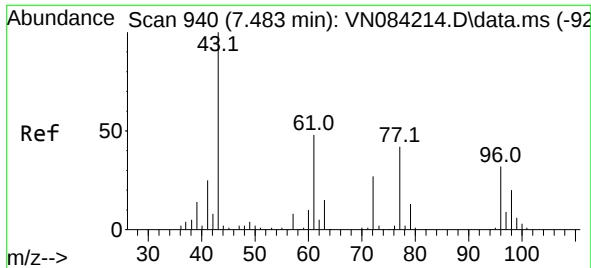
Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.2#

100 0.0 2.0 5.8#

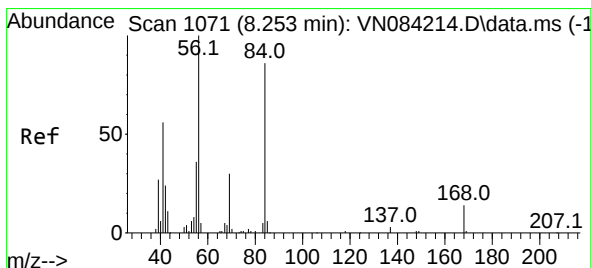
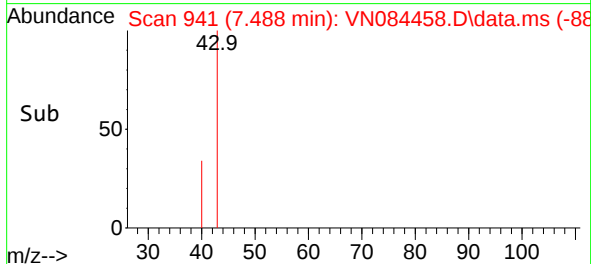
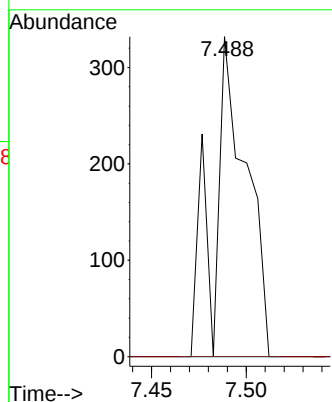
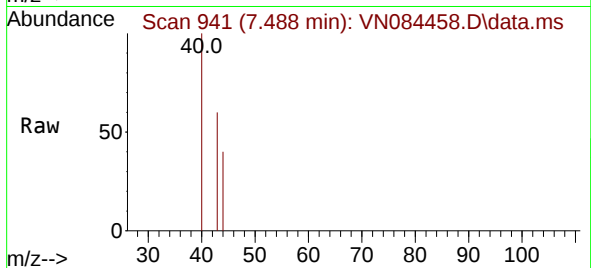




#25
2-Butanone
Concen: 0.287 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

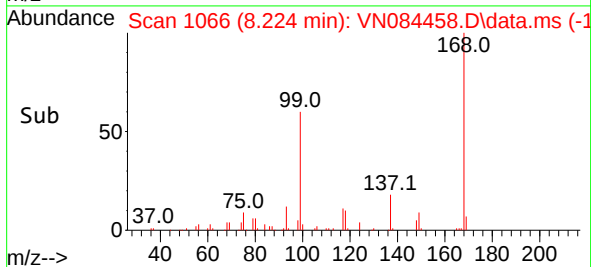
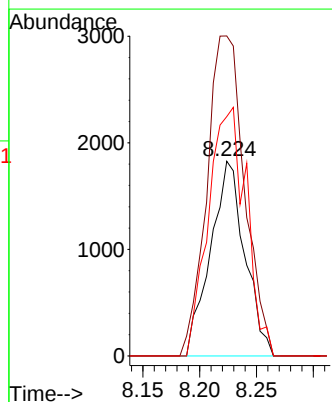
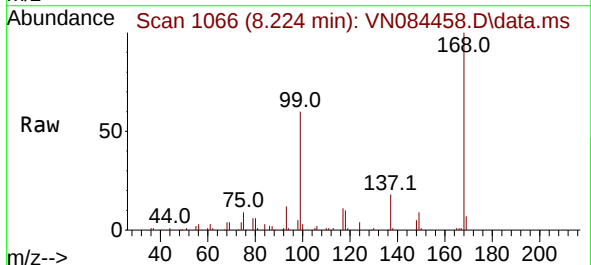
Instrument :
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BP-VPB-190-GW-258-260

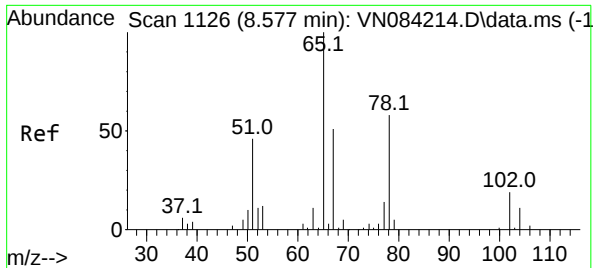
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion: 56 Resp: 3845
Ion Ratio Lower Upper
56 100
69 164.3 23.8 35.6#
84 122.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

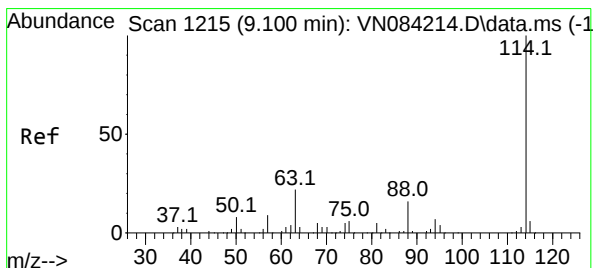
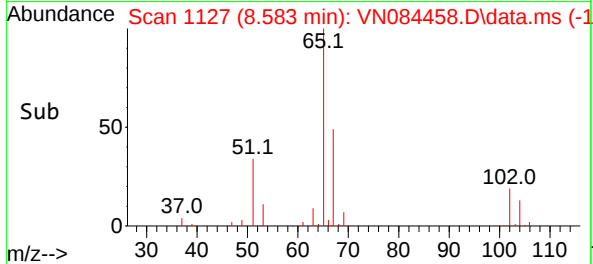
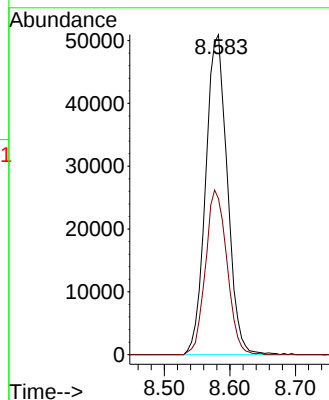
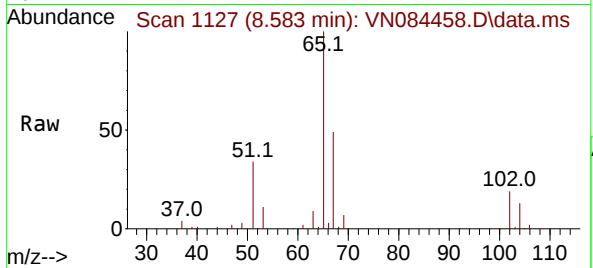
BP-VPB-190-GW-258-260

Tgt Ion: 65 Resp: 116778

Ion Ratio Lower Upper

65 100

67 51.2 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: VN084458.D

Acq: 22 Oct 2024 16:45

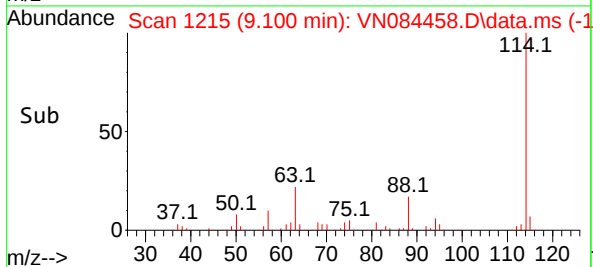
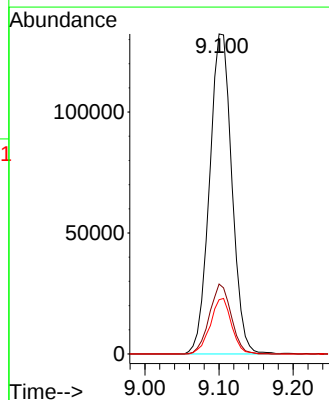
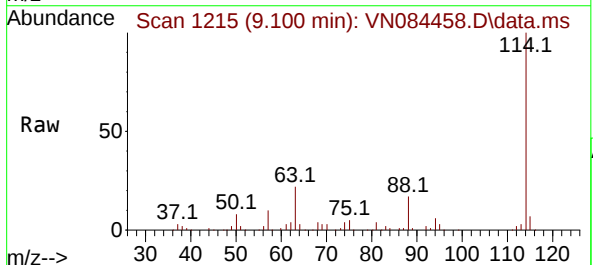
Tgt Ion: 114 Resp: 277213

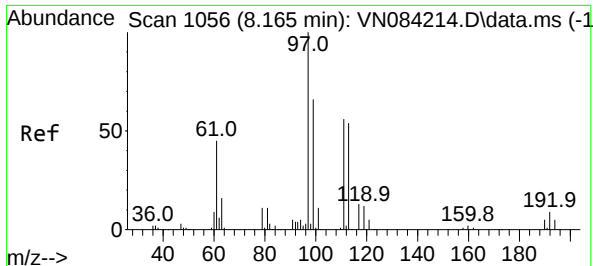
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 17.0 0.0 31.6

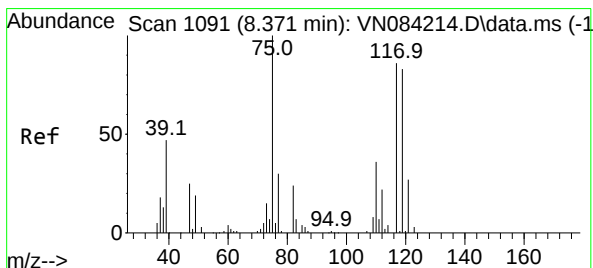
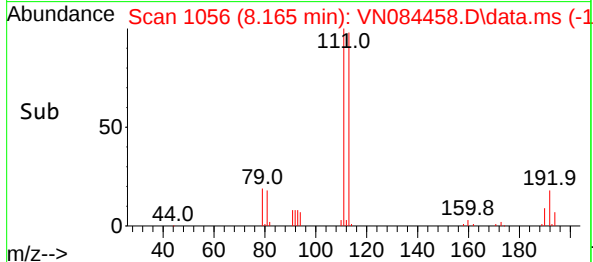
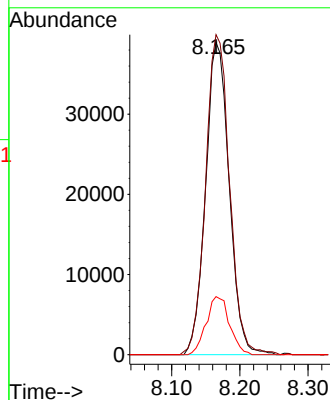
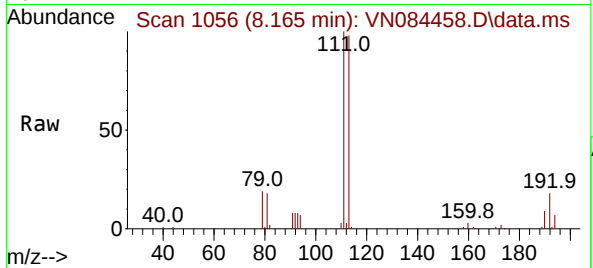




#35
Dibromofluoromethane
Concen: 51.298 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

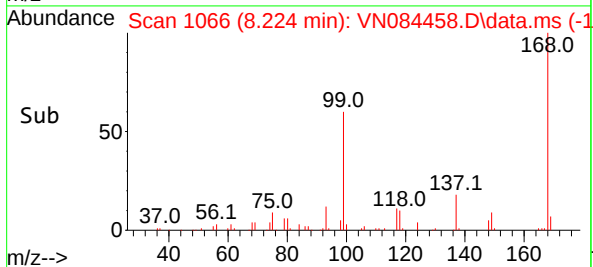
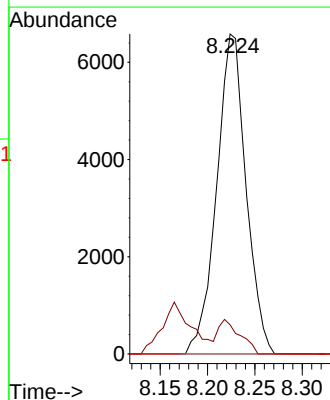
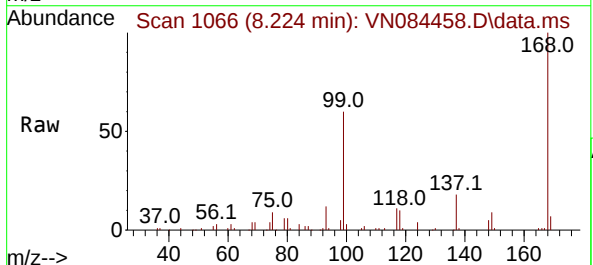
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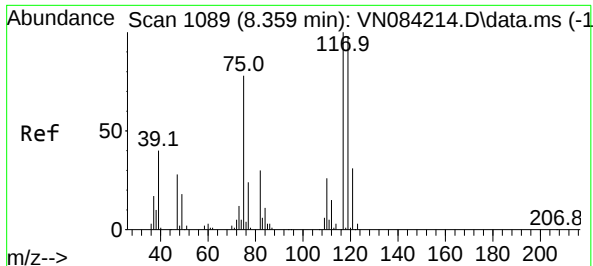
Tgt Ion:113 Resp: 93750
Ion Ratio Lower Upper
113 100
111 104.0 83.3 124.9
192 18.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.346 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion: 75 Resp: 14192
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.7#
77 0.0 24.7 37.1#

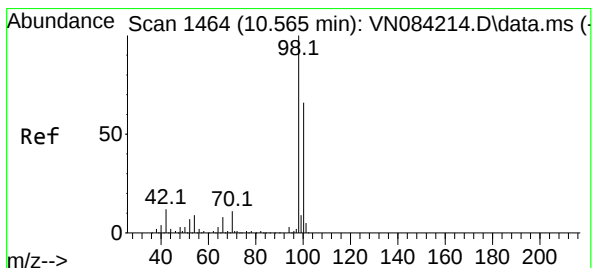
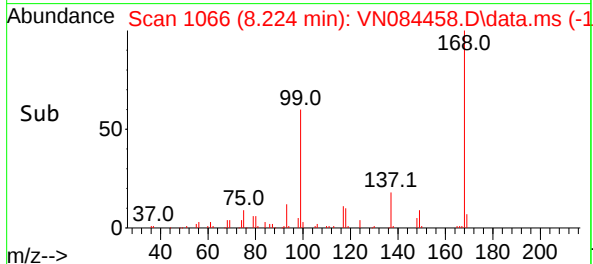
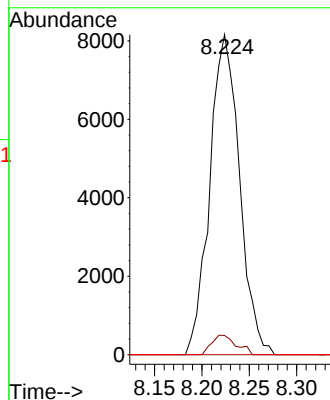
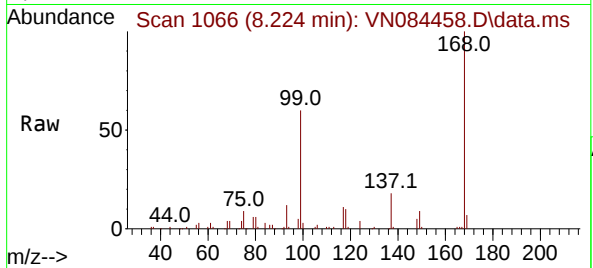




#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

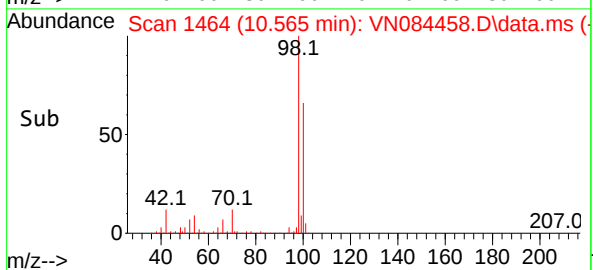
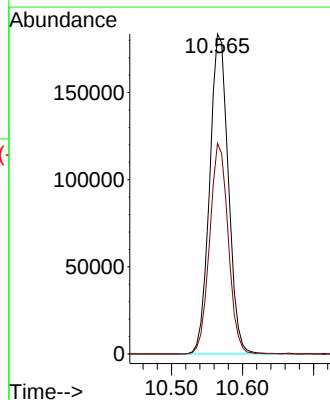
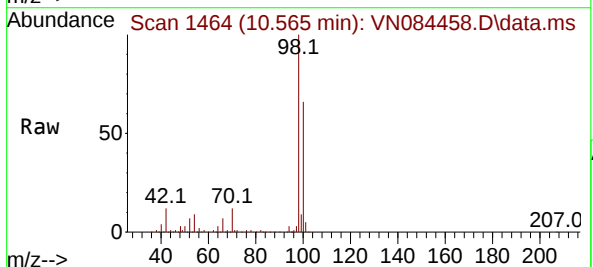
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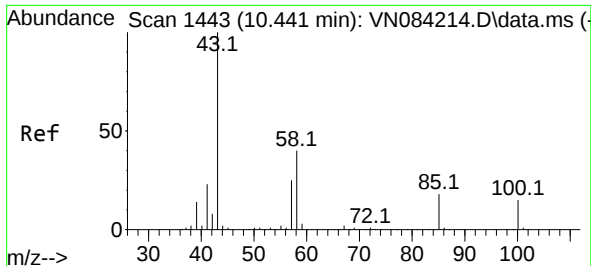
Tgt Ion:117 Resp: 17837
Ion Ratio Lower Upper
117 100
119 6.0 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion: 98 Resp: 335172
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.574 ug/l

RT: 10.571 min Scan# 1443

Delta R.T. 0.129 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

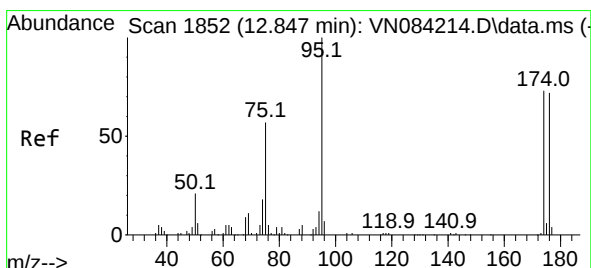
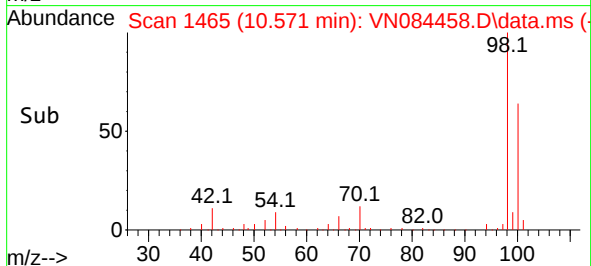
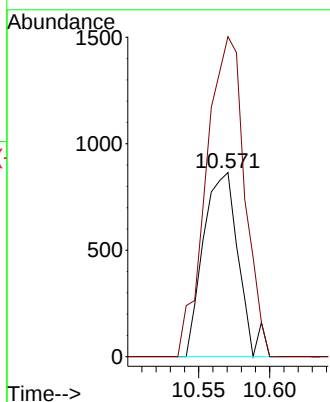
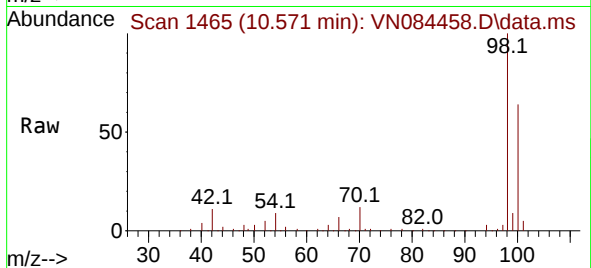
BP-VPB-190-GW-258-260

Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

58 190.2 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 47.645 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

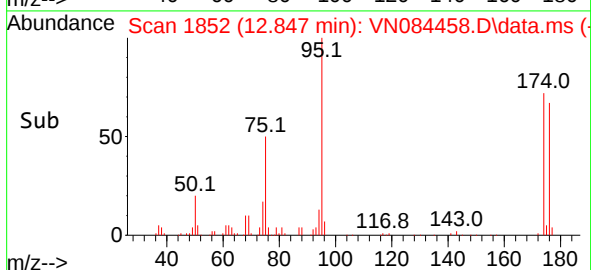
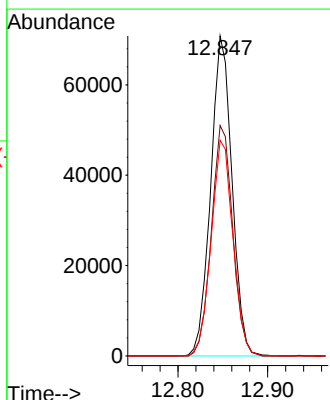
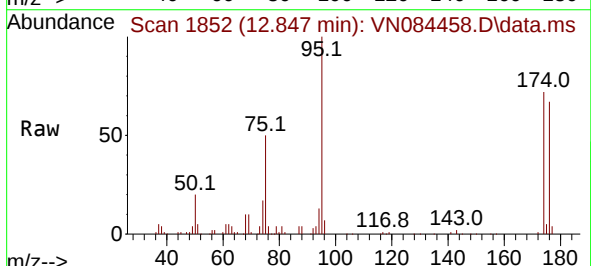
Tgt Ion: 95 Resp: 116709

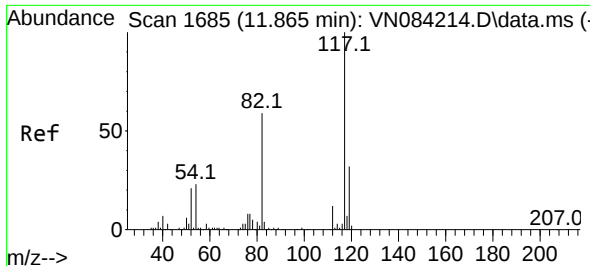
Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.2

176 69.0 0.0 140.0

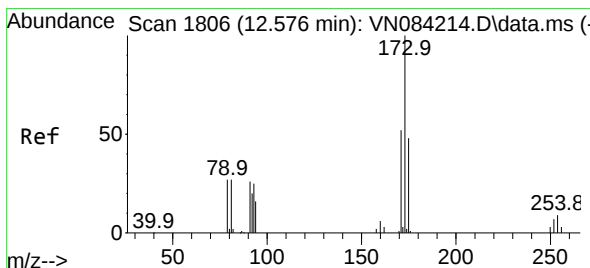
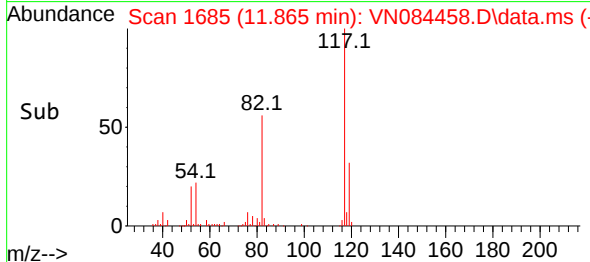
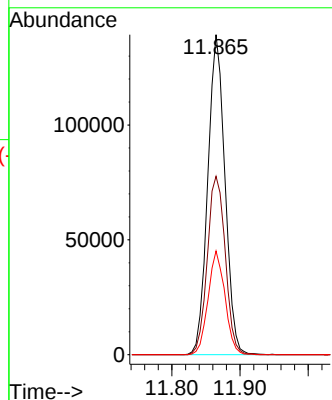
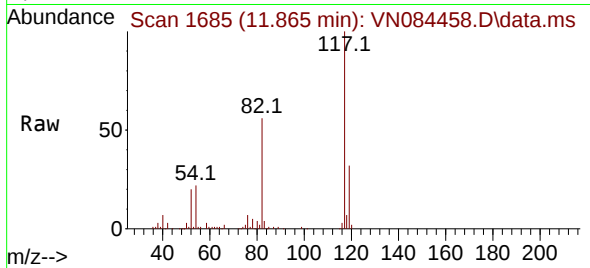




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

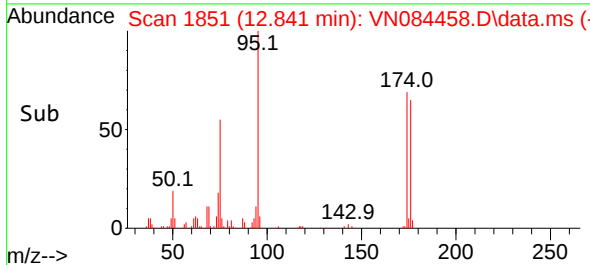
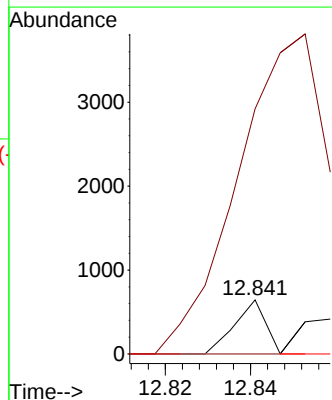
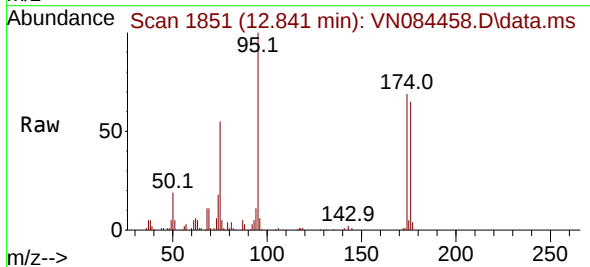
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-258-260

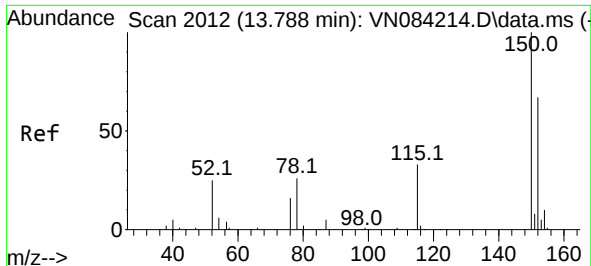
Tgt Ion:117 Resp: 244441
Ion Ratio Lower Upper
117 100
82 55.8 47.2 70.8
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.238 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion:173 Resp: 327
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: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-258-260

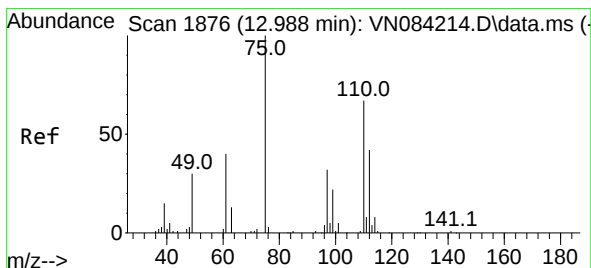
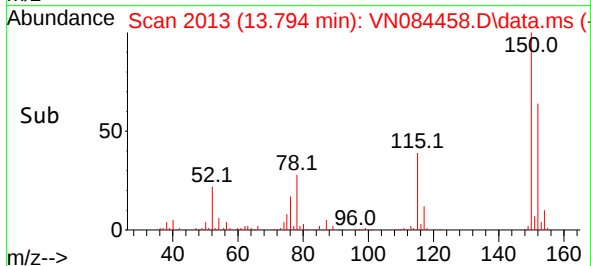
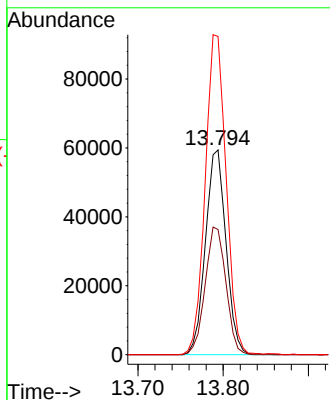
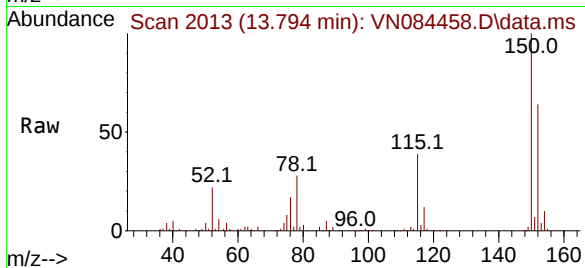
Tgt Ion:152 Resp: 99804

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.9

150 158.4 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 29.606 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084458.D

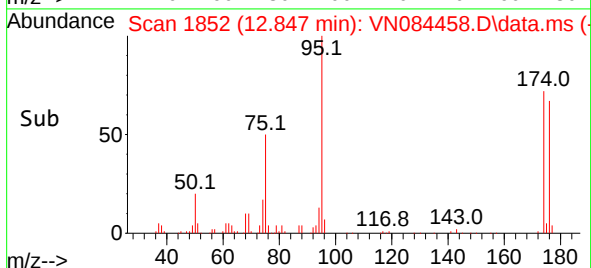
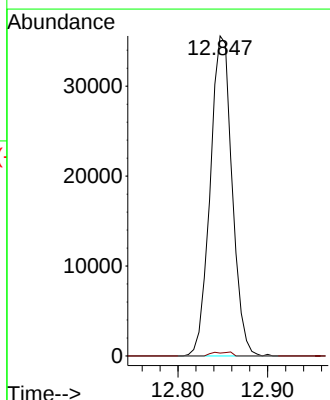
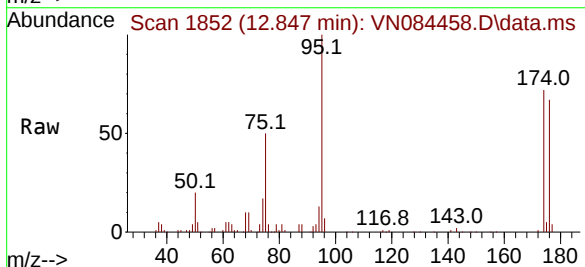
Acq: 22 Oct 2024 16:45

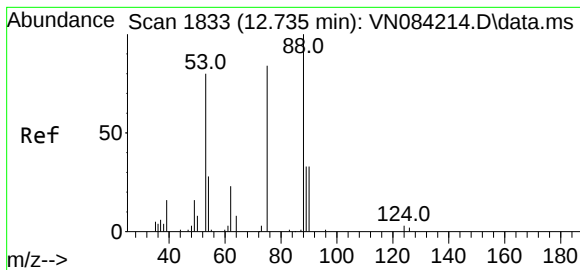
Tgt Ion: 75 Resp: 60324

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.980 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084458.D
 Acq: 22 Oct 2024 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-258-260

Tgt Ion: 75 Resp: 60324
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

