

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084523.D
 Acq On : 25 Oct 2024 18:02
 Operator : JC\MD
 Sample : P4550-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-EB-20241023

Quant Time: Oct 25 23:37:32 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)

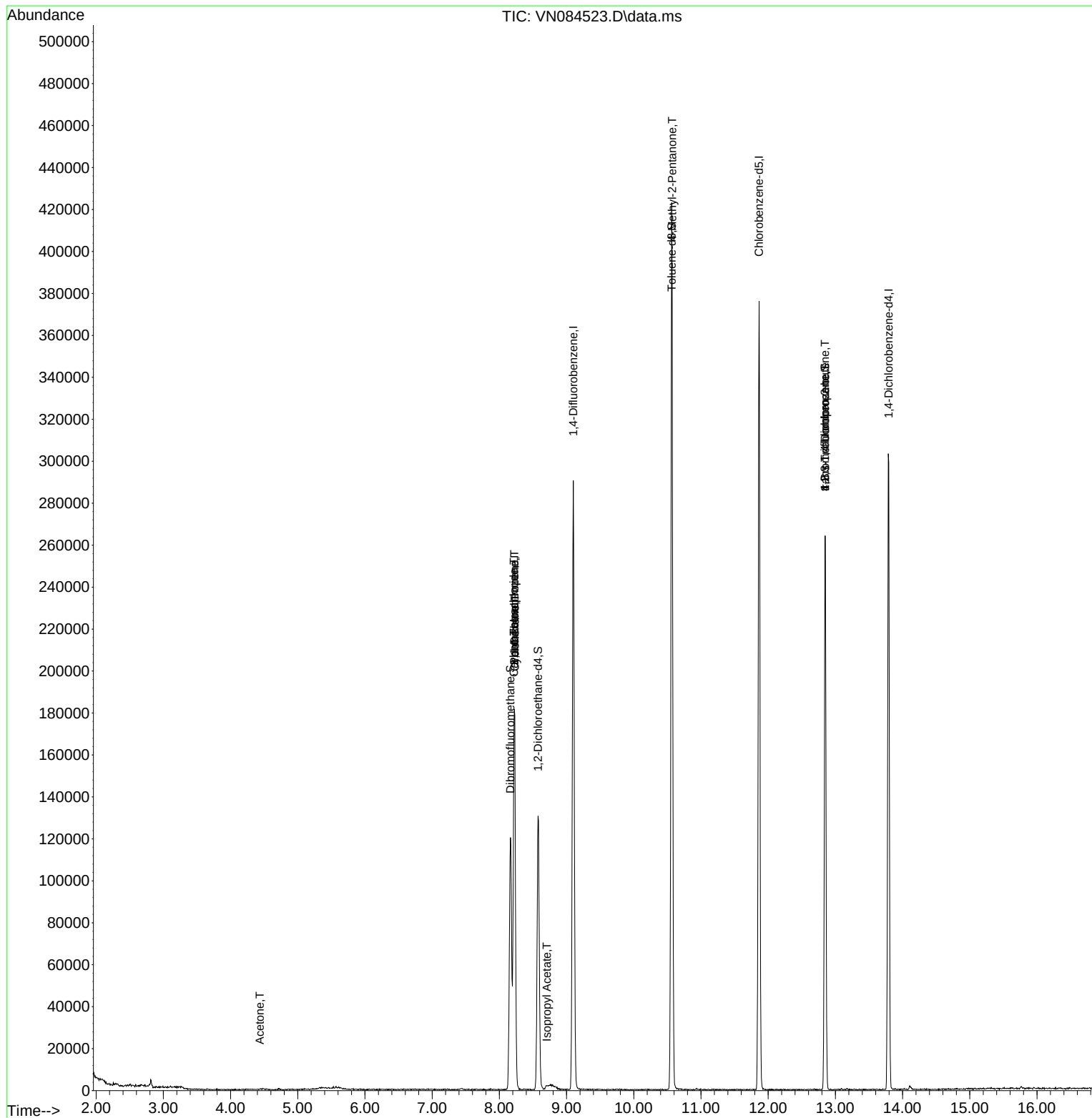
Internal Standards						
1) Pentafluorobenzene	8.224	168	130309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109188	56.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.020%	
35) Dibromofluoromethane	8.165	113	88095	55.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.260%	
50) Toluene-d8	10.565	98	283059	48.148	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.847	95	93067	43.454	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.900%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	222	0.267	ug/l #	44
31) Cyclohexane	8.230	56	3033	1.060	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10947	4.716	ug/l #	52
38) Carbon Tetrachloride	8.218	117	15066	5.917	ug/l #	16
43) Isopropyl Acetate	8.706	43	1012	0.217	ug/l #	56
51) 4-Methyl-2-Pentanone	10.571	43	1390	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	48320	28.237	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	48320	67.697	ug/l #	11

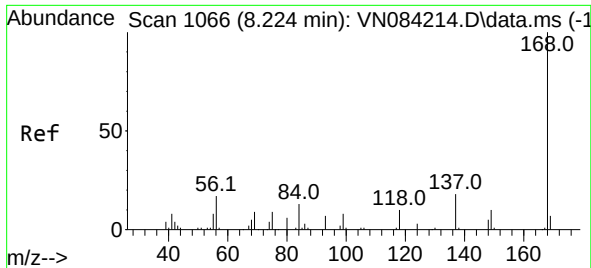
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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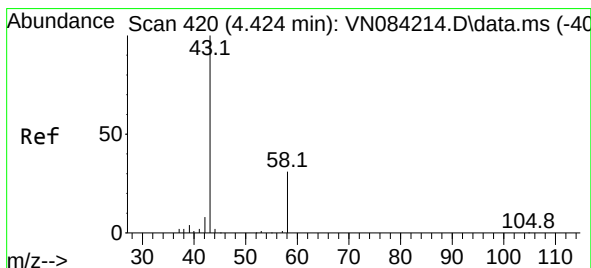
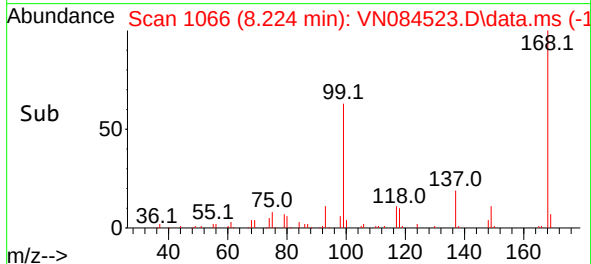
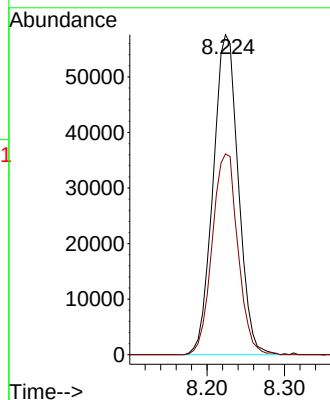
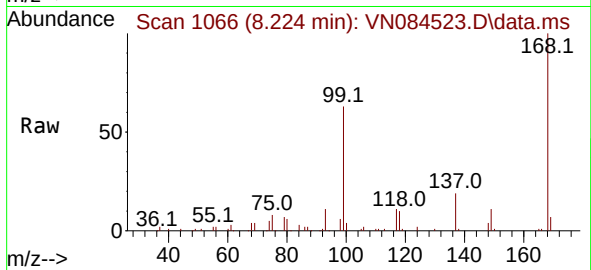




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

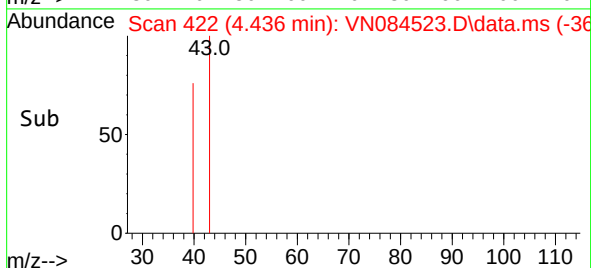
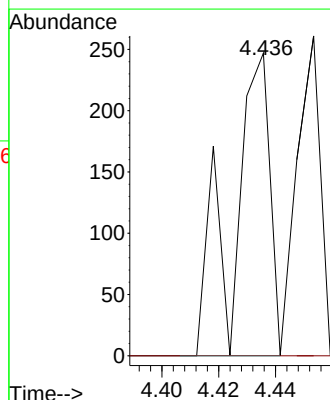
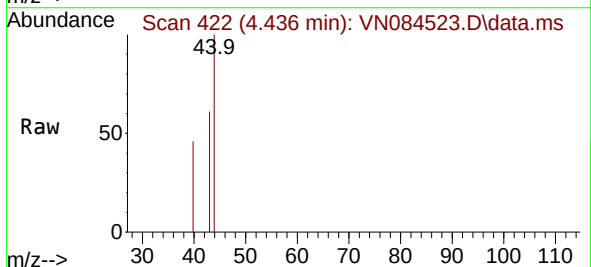
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241023

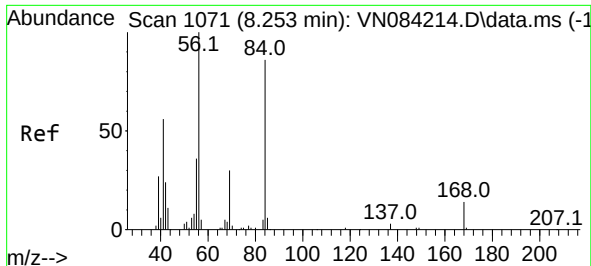
Tgt Ion:168 Resp: 130309
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#16
Acetone
Concen: 0.267 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

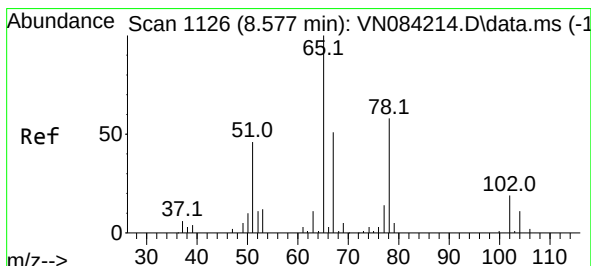
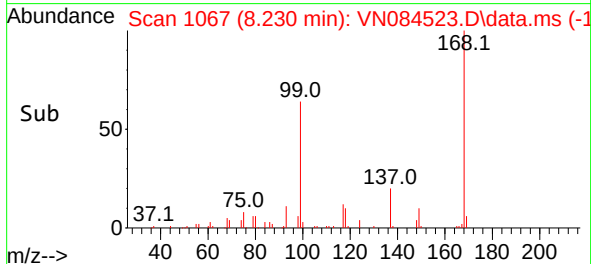
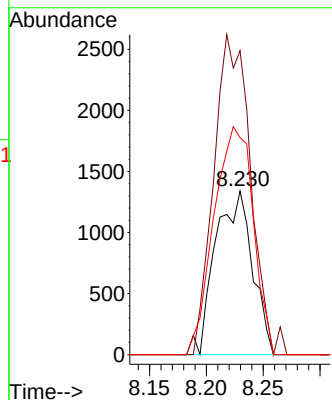
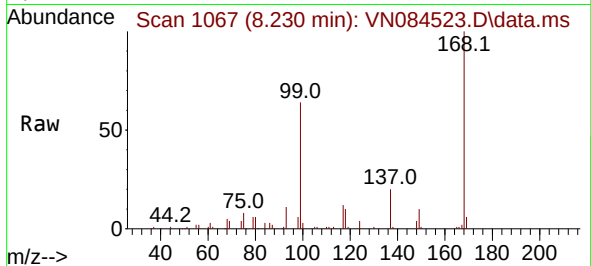




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

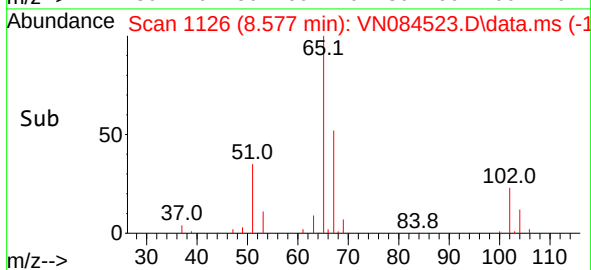
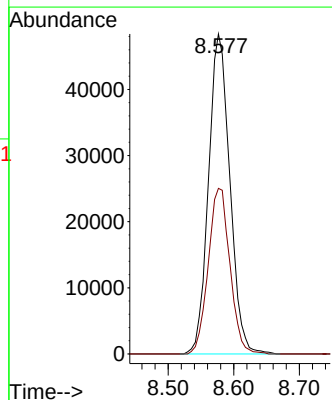
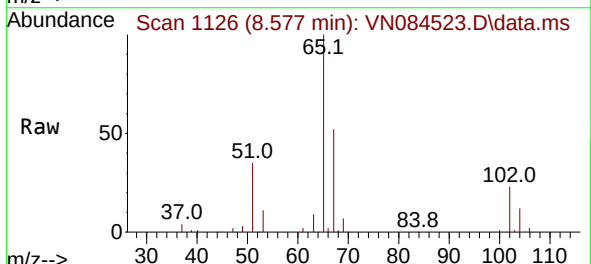
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241023

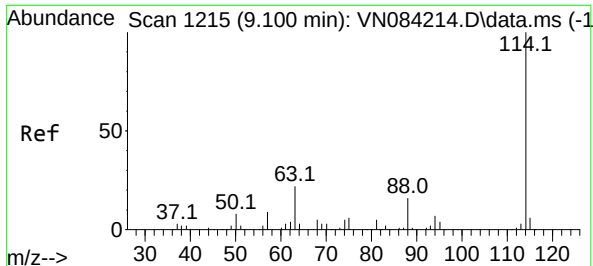
Tgt Ion: 56 Resp: 3033
Ion Ratio Lower Upper
56 100
69 185.9 23.8 35.6#
84 132.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 56.513 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 65 Resp: 109188
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084523.D

Acq: 25 Oct 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-EB-20241023

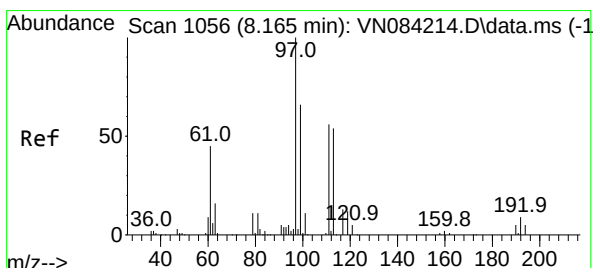
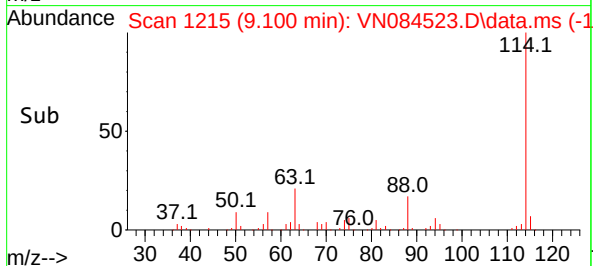
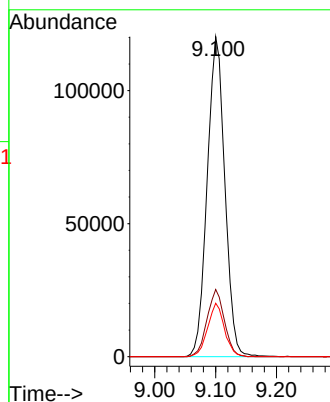
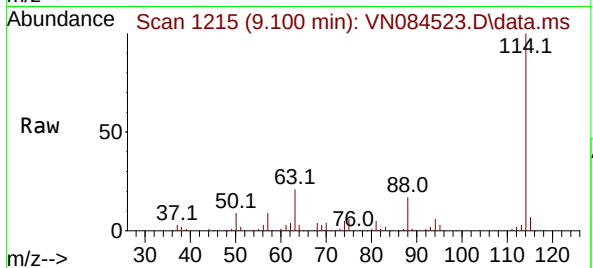
Tgt Ion:114 Resp: 242378

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 16.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 55.131 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084523.D

Acq: 25 Oct 2024 18:02

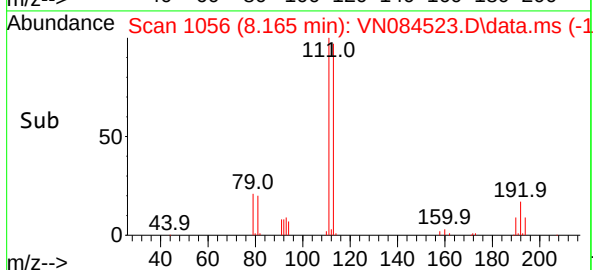
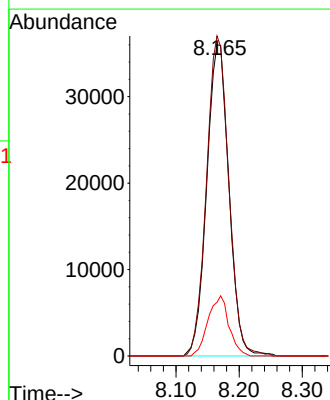
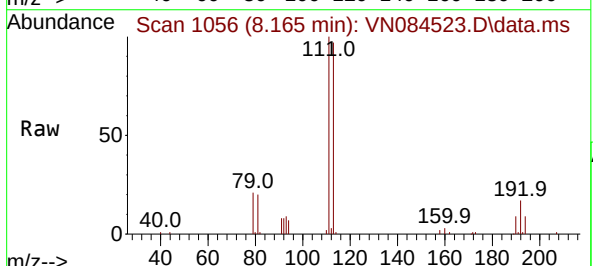
Tgt Ion:113 Resp: 88095

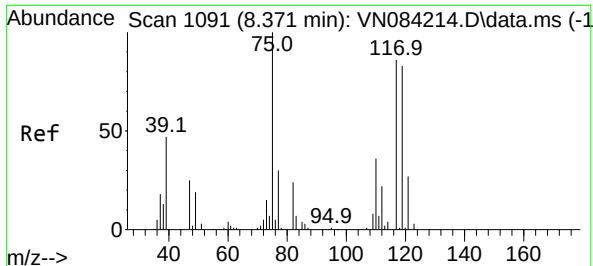
Ion Ratio Lower Upper

113 100

111 102.7 83.3 124.9

192 18.1 13.5 20.3

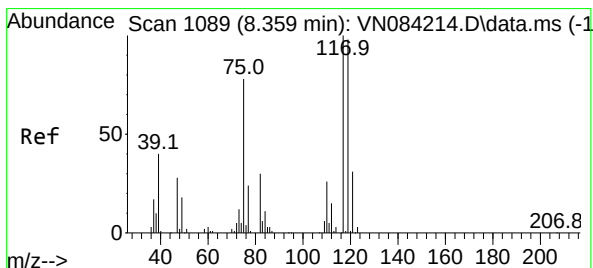
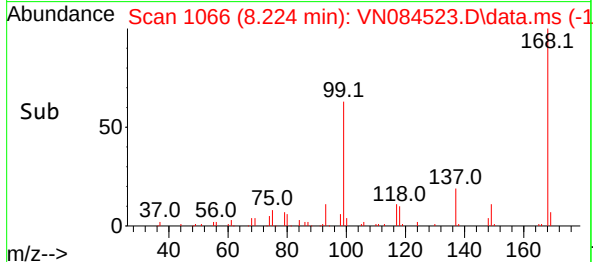
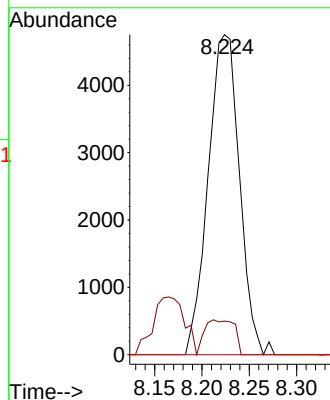
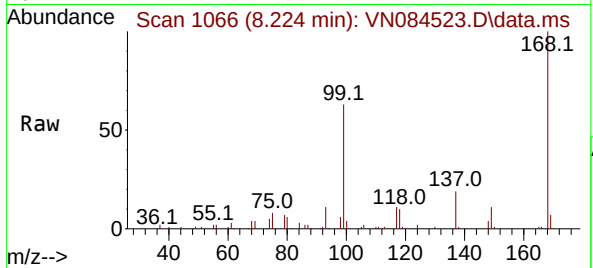




#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

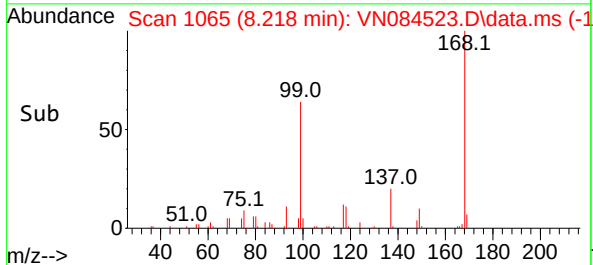
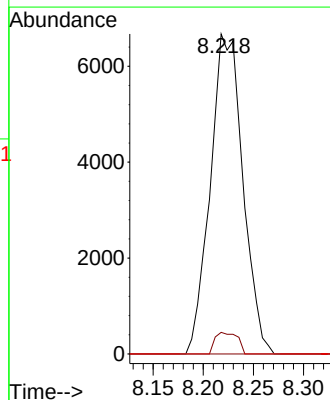
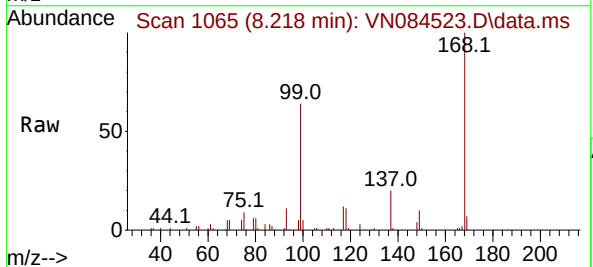
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-EB-20241023

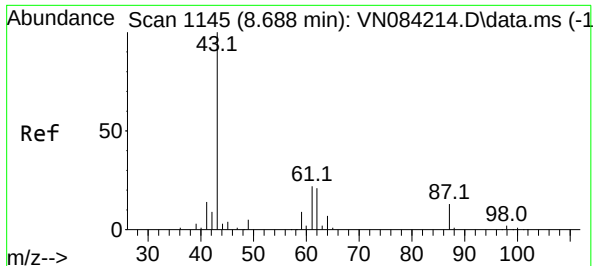
Tgt Ion: 75 Resp: 10947
Ion Ratio Lower Upper
75 100
110 10.3 16.9 50.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 117 Resp: 15066
Ion Ratio Lower Upper
117 100
119 6.7 78.7 118.1#
121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.217 ug/l

RT: 8.706 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN084523.D

Acq: 25 Oct 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-EB-20241023

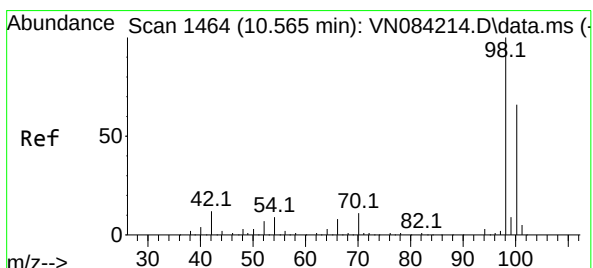
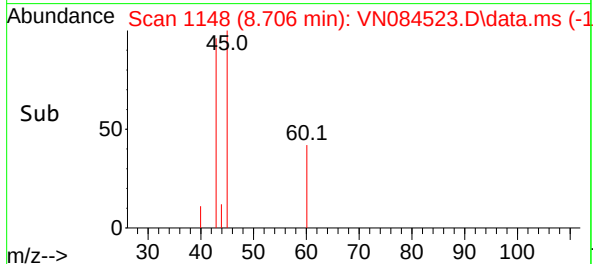
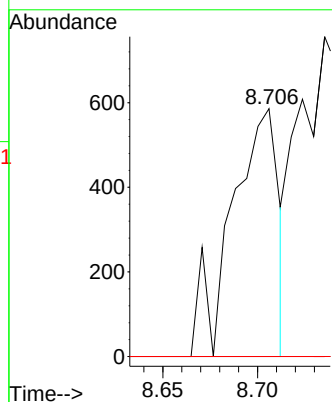
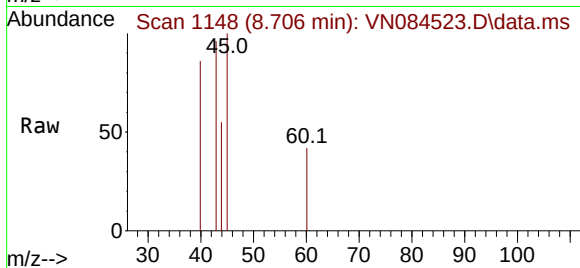
Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 48.148 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084523.D

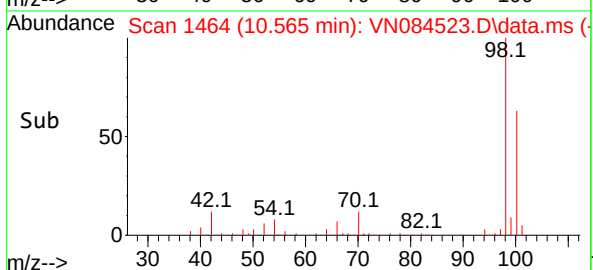
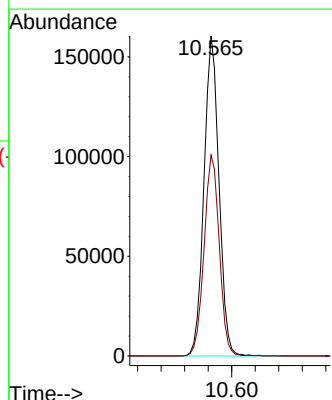
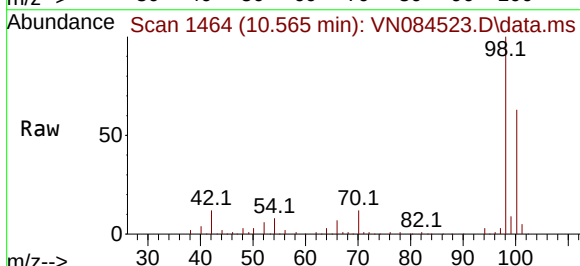
Acq: 25 Oct 2024 18:02

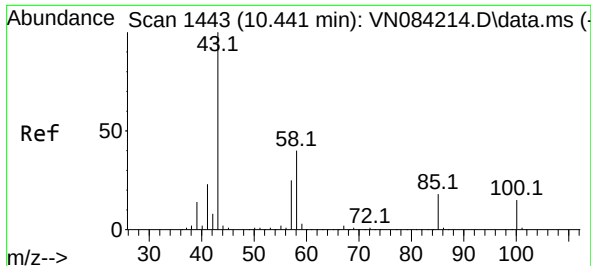
Tgt Ion: 98 Resp: 283059

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1

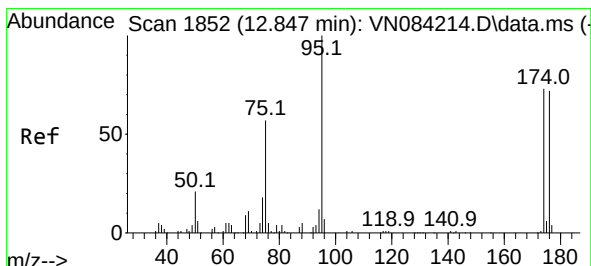
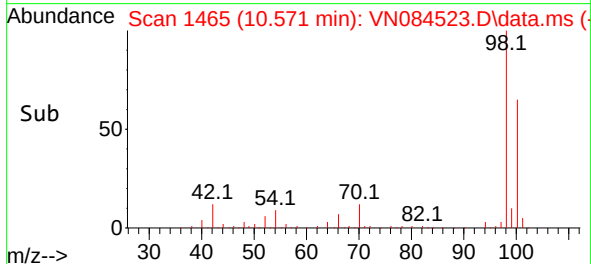
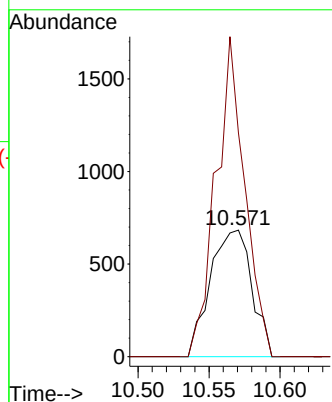
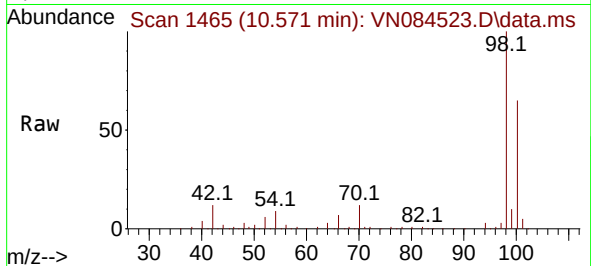




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

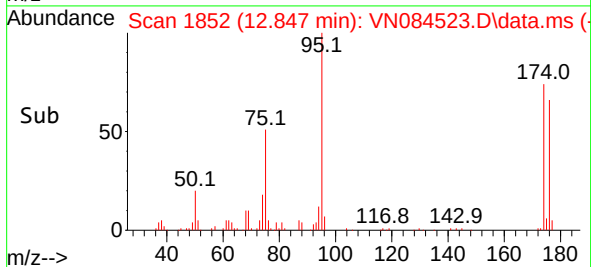
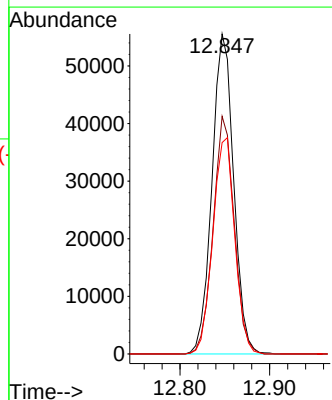
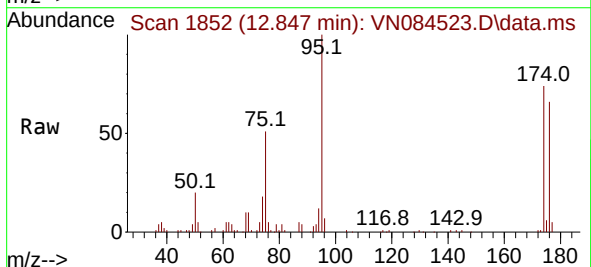
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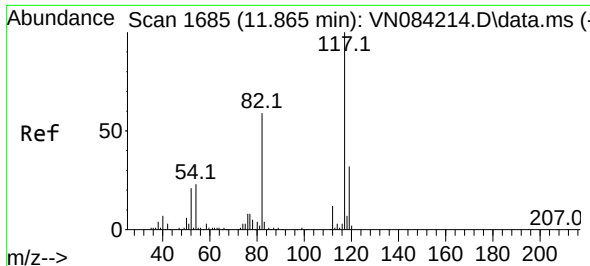
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 176.0 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 43.454 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 95 Resp: 93067
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.2
176 68.6 0.0 140.0

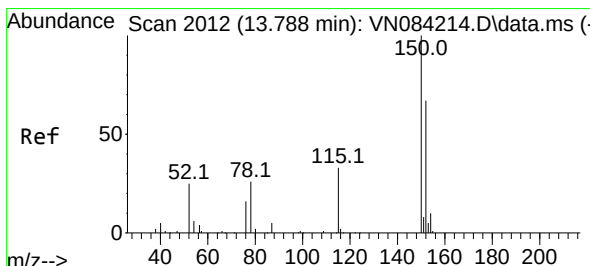
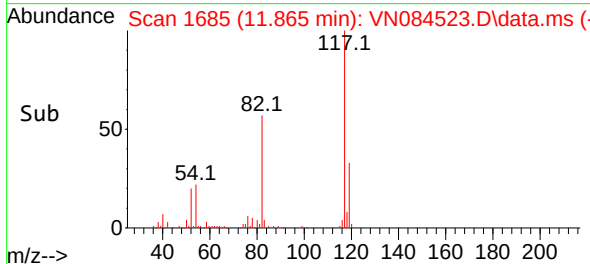
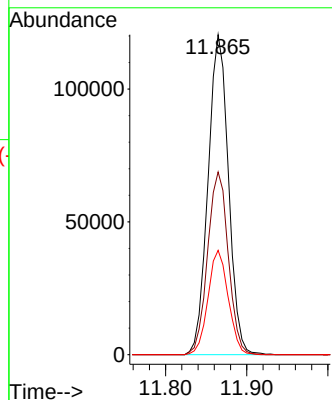
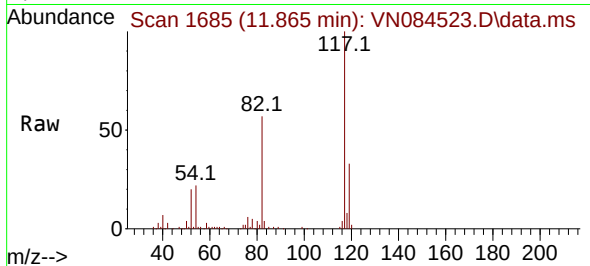




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

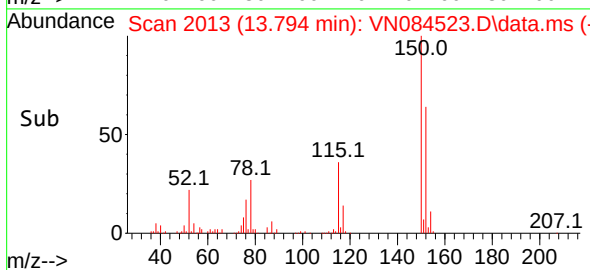
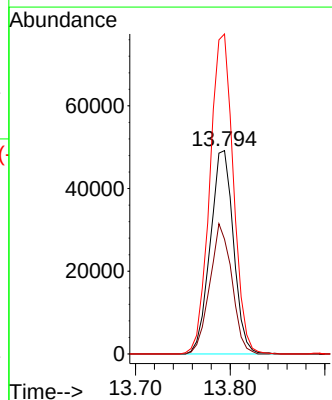
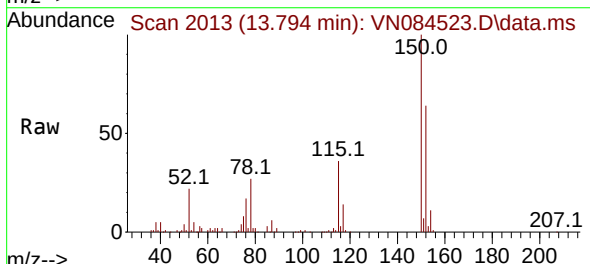
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241023

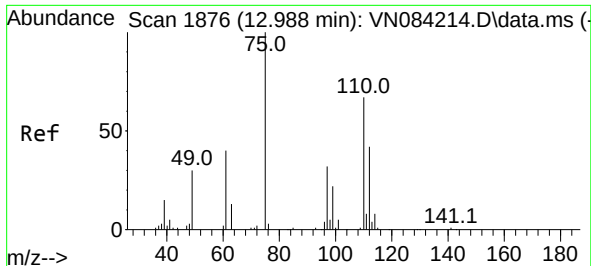
Tgt Ion:117 Resp: 210611
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion:152 Resp: 83821
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.9
150 158.9 0.0 349.8

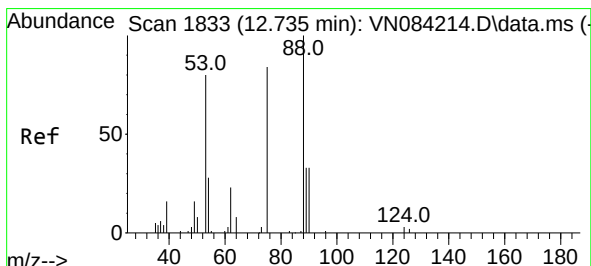
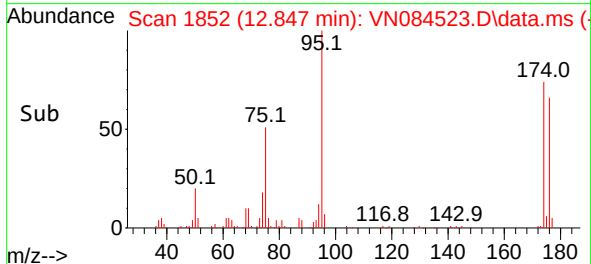
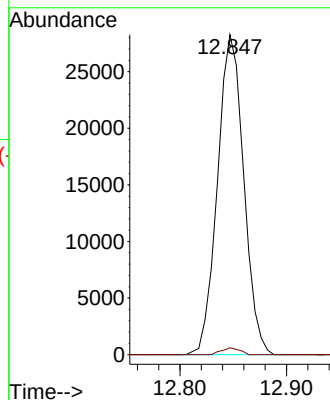
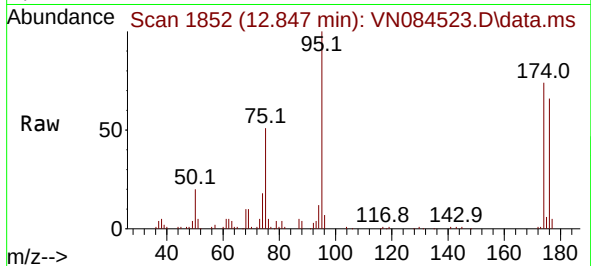




#76
1,2,3-Trichloropropane
Concen: 28.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-EB-20241023

Tgt Ion: 75 Resp: 48320
Ion Ratio Lower Upper
75 100
77 1.5 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.697 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084523.D
Acq: 25 Oct 2024 18:02

Tgt Ion: 75 Resp: 48320
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

