

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084443.D
 Acq On : 21 Oct 2024 18:04
 Operator : JC\MD
 Sample : P4440-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-11-HYD-20241016

Quant Time: Oct 22 01:39:18 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)

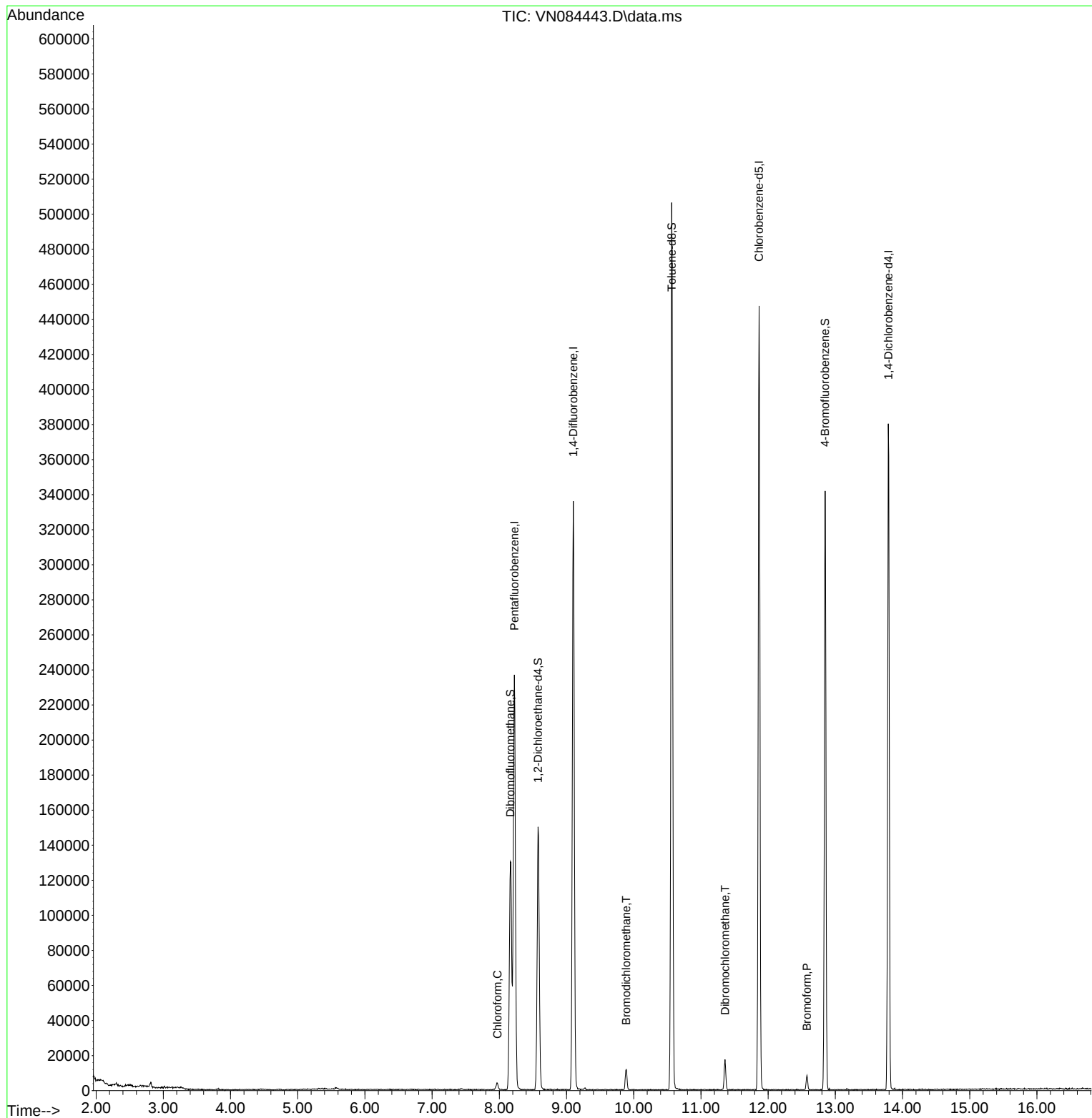
Internal Standards						
1) Pentafluorobenzene	8.224	168	160653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122301	51.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.165	113	97309	51.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	10.565	98	345786	49.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.847	95	118648	46.848	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.700%			
Target Compounds						Qvalue
30) Chloroform	7.971	83	4593	1.217	ug/l	91
47) Bromodichloromethane	9.888	83	8525	2.811	ug/l #	92
60) Dibromochloromethane	11.359	129	9837	4.454	ug/l	96
71) Bromoform	12.576	173	3930	2.741	ug/l #	94

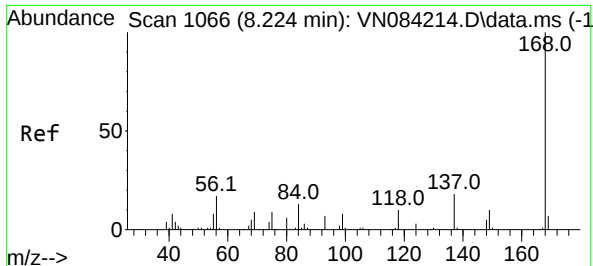
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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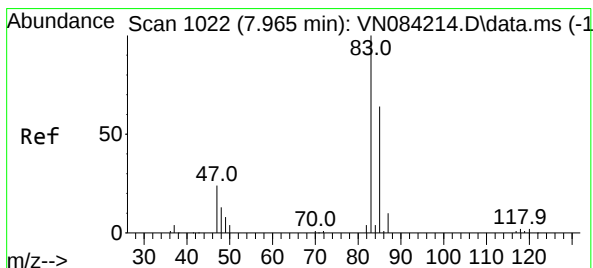
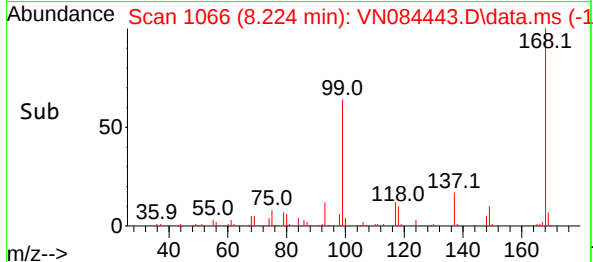
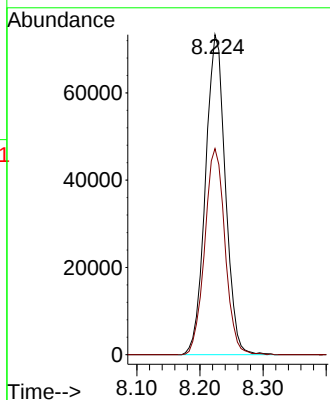
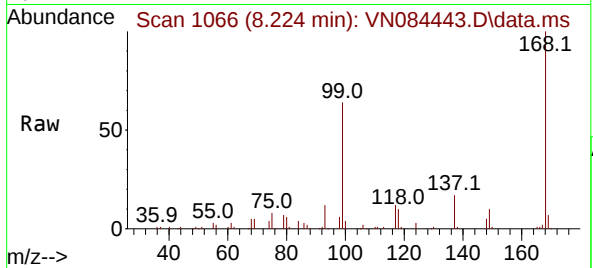




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

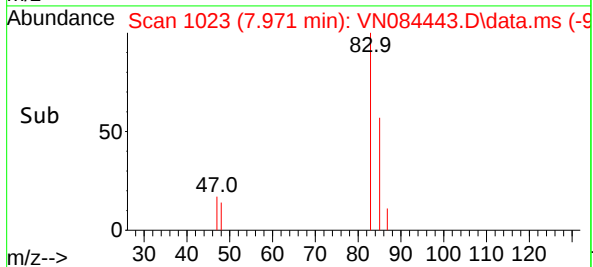
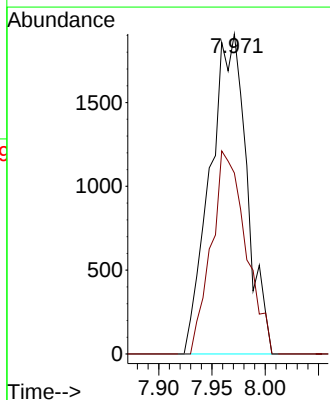
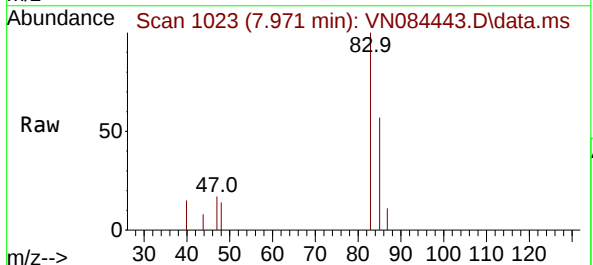
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-11-HYD-20241016

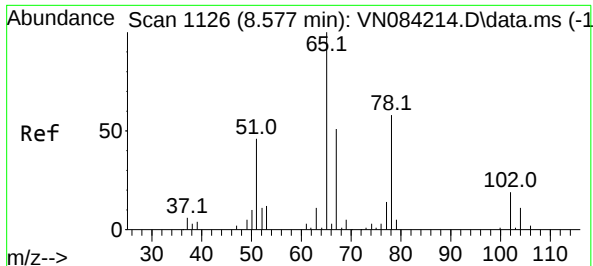
Tgt Ion:168 Resp: 160653
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#30
Chloroform
Concen: 1.217 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 83 Resp: 4593
Ion Ratio Lower Upper
83 100
85 56.6 51.0 76.4

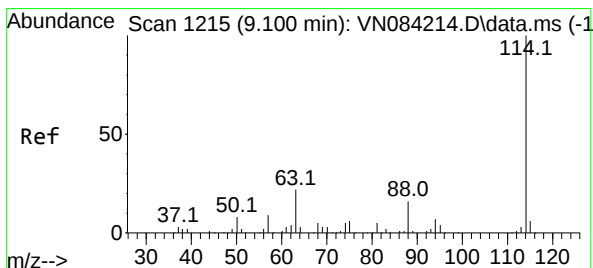
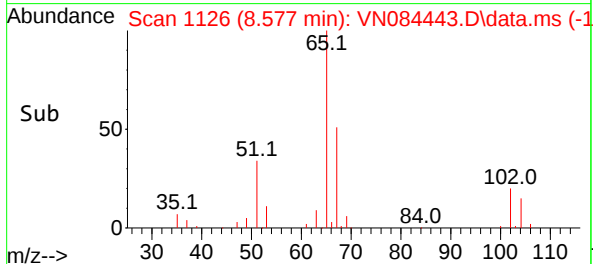
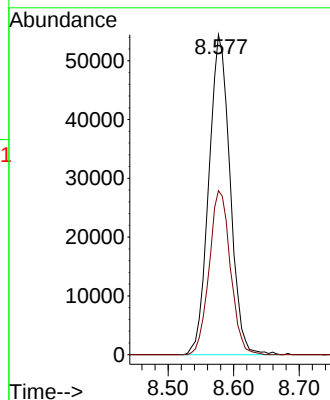
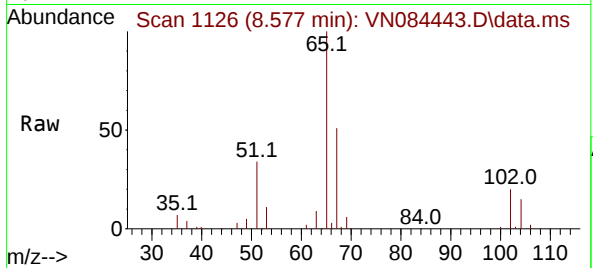




#33
1,2-Dichloroethane-d4
Concen: 51.344 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

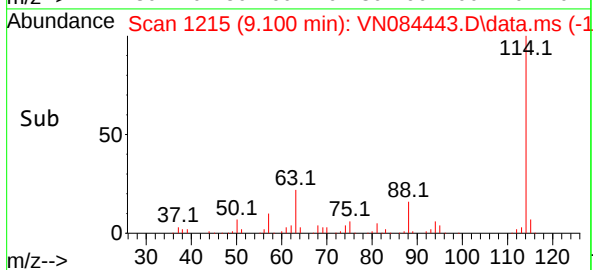
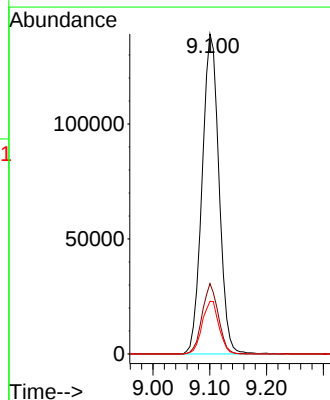
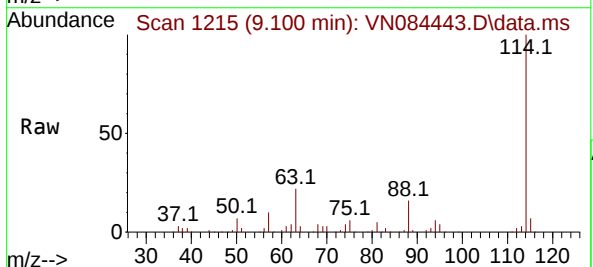
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-11-HYD-20241016

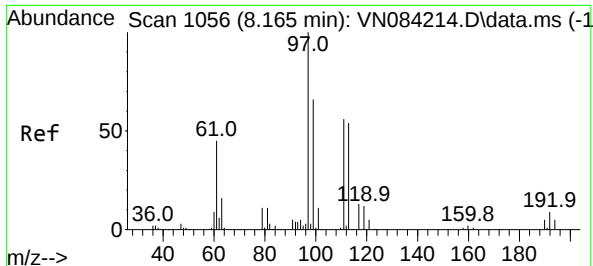
Tgt Ion: 65 Resp: 122301
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 114 Resp: 286612
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.8
88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.499 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084443.D

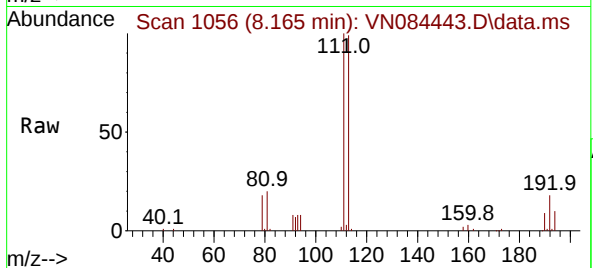
Acq: 21 Oct 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-11-HYD-20241016



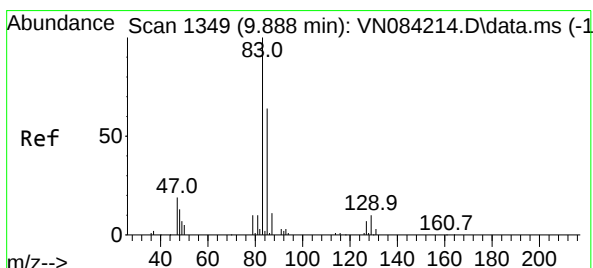
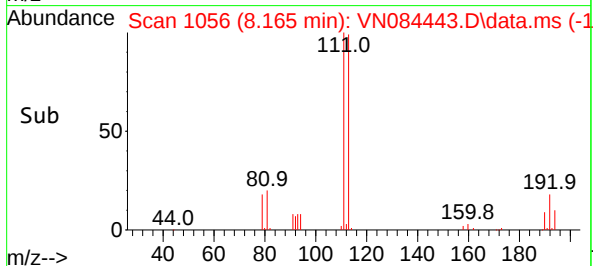
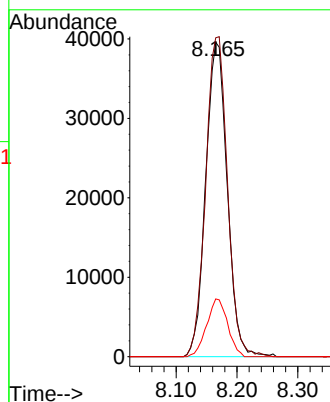
Tgt Ion:113 Resp: 97309

Ion Ratio Lower Upper

113 100

111 102.7 83.3 124.9

192 17.9 13.5 20.3



#47

Bromodichloromethane

Concen: 2.811 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN084443.D

Acq: 21 Oct 2024 18:04

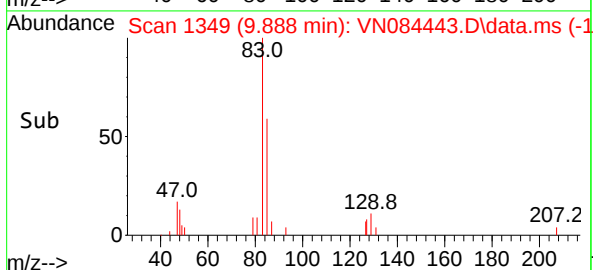
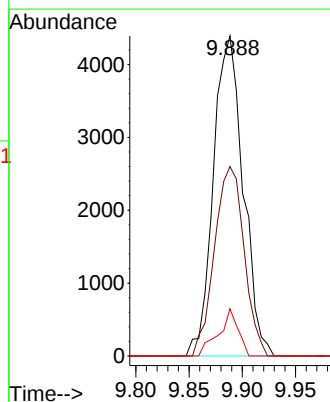
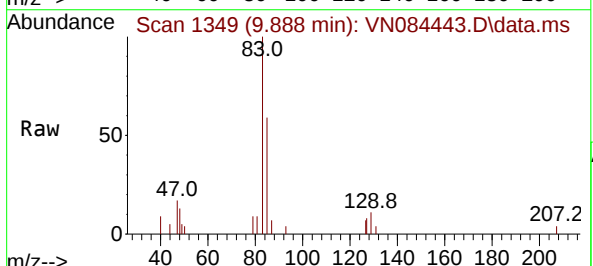
Tgt Ion: 83 Resp: 8525

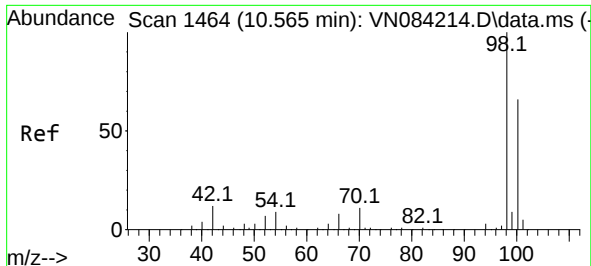
Ion Ratio Lower Upper

83 100

85 59.2 51.5 77.3

127 14.7 5.7 8.5#

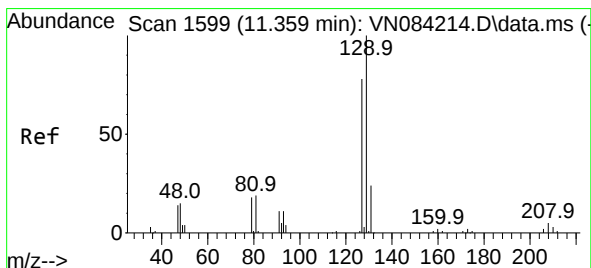
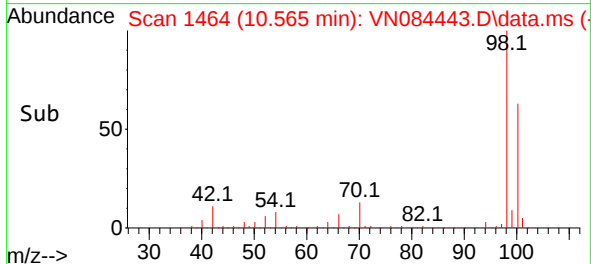
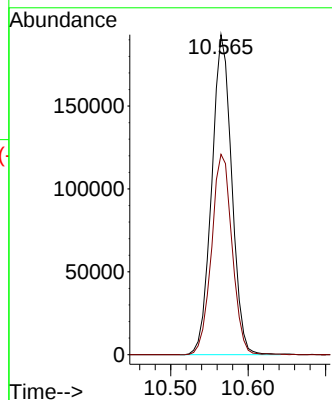
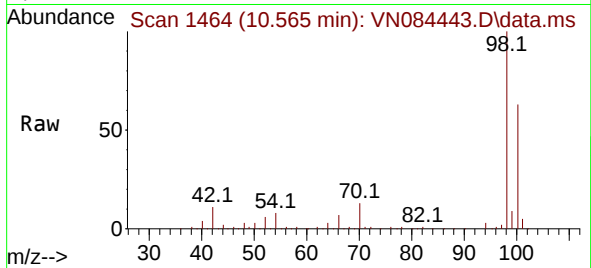




#50
Toluene-d8
Concen: 49.741 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

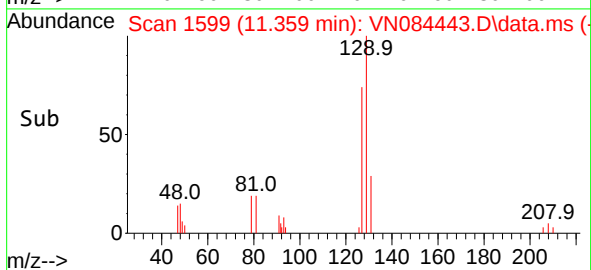
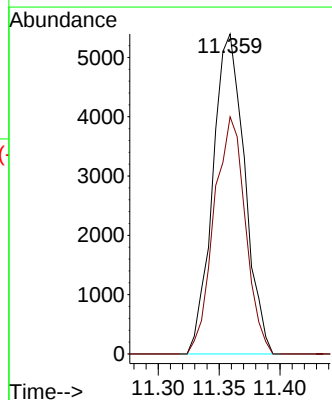
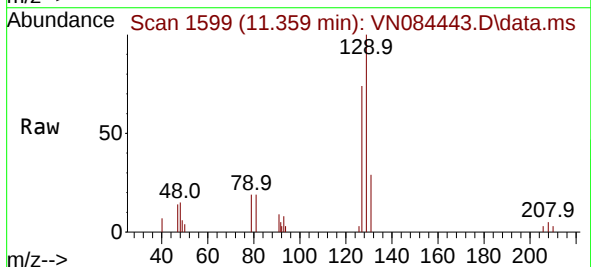
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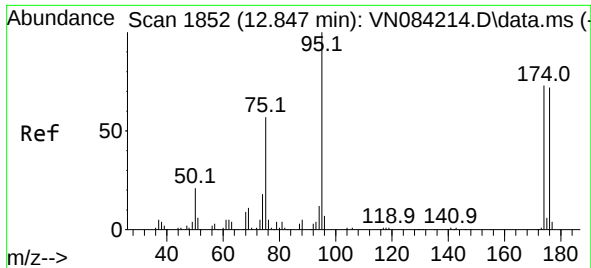
Tgt Ion: 98 Resp: 345786
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#60
Dibromochloromethane
Concen: 4.454 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 129 Resp: 9837
Ion Ratio Lower Upper
129 100
127 72.8 38.3 114.9

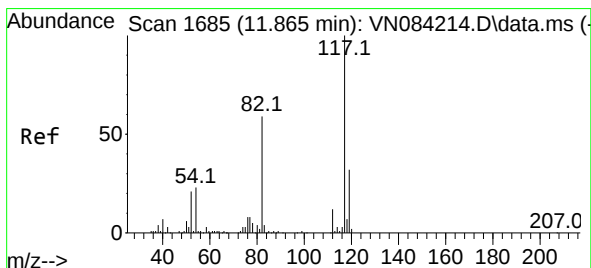
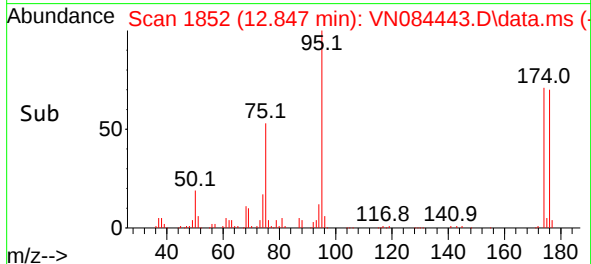
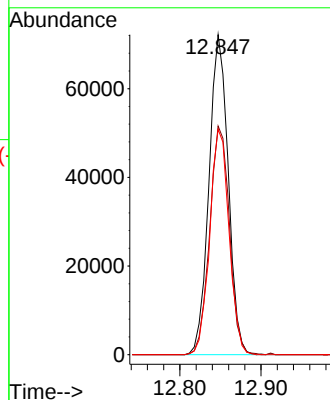
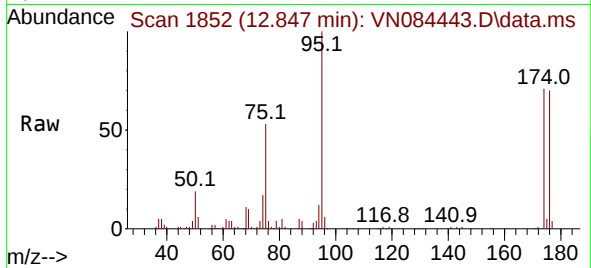




#62
4-Bromofluorobenzene
Concen: 46.848 ug/l
RT: 12.847 min Scan# 118648
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

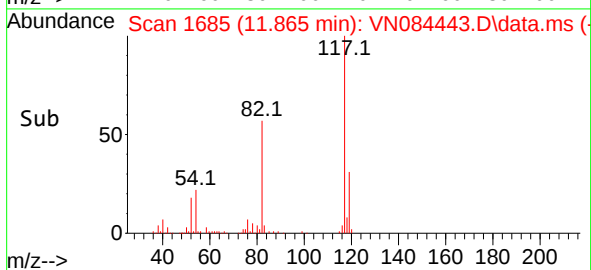
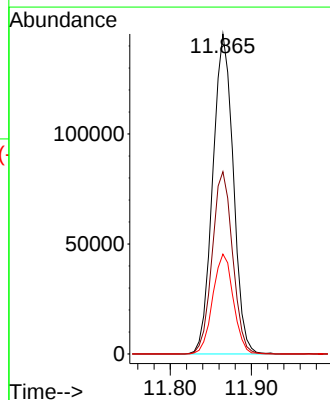
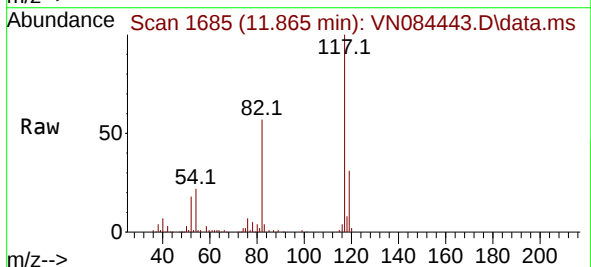
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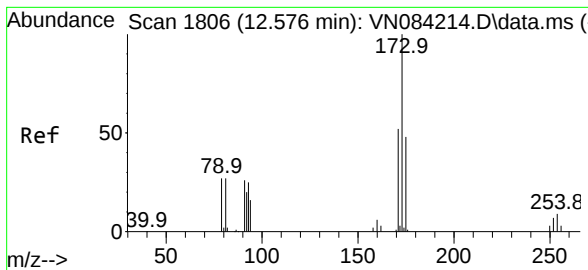
Tgt Ion: 95 Resp: 118648
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 117 Resp: 255046
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 31.2 25.4 38.0





#71

Bromoform

Concen: 2.741 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084443.D

Acq: 21 Oct 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-11-HYD-20241016

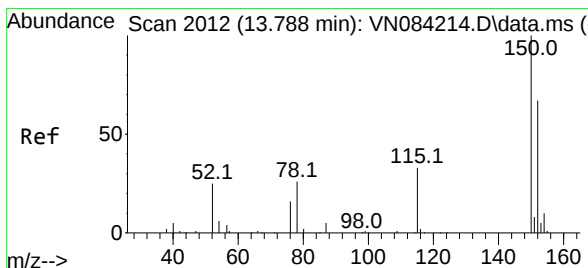
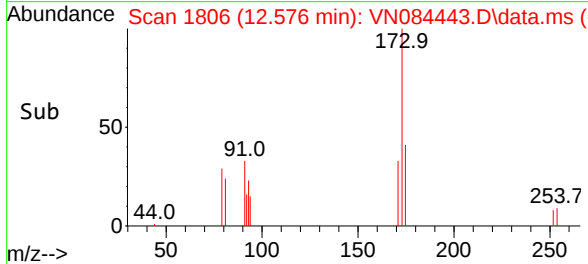
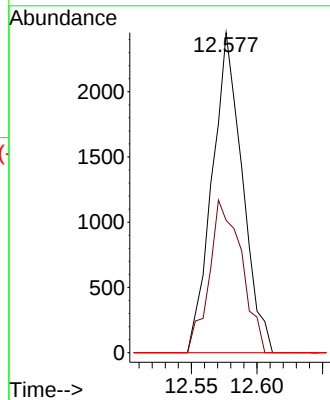
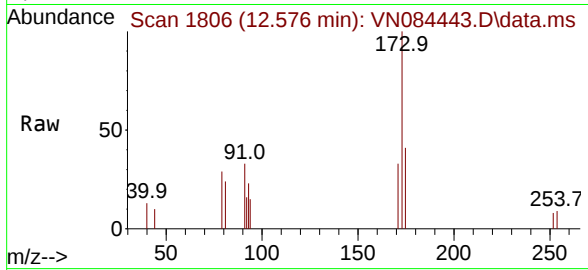
Tgt Ion:173 Resp: 3930

Ion Ratio Lower Upper

173 100

175 50.9 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: VN084443.D

Acq: 21 Oct 2024 18:04

Tgt Ion:152 Resp: 101220

Ion Ratio Lower Upper

152 100

115 63.4 31.3 93.9

150 158.9 0.0 349.8

