

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 07:56:44 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)

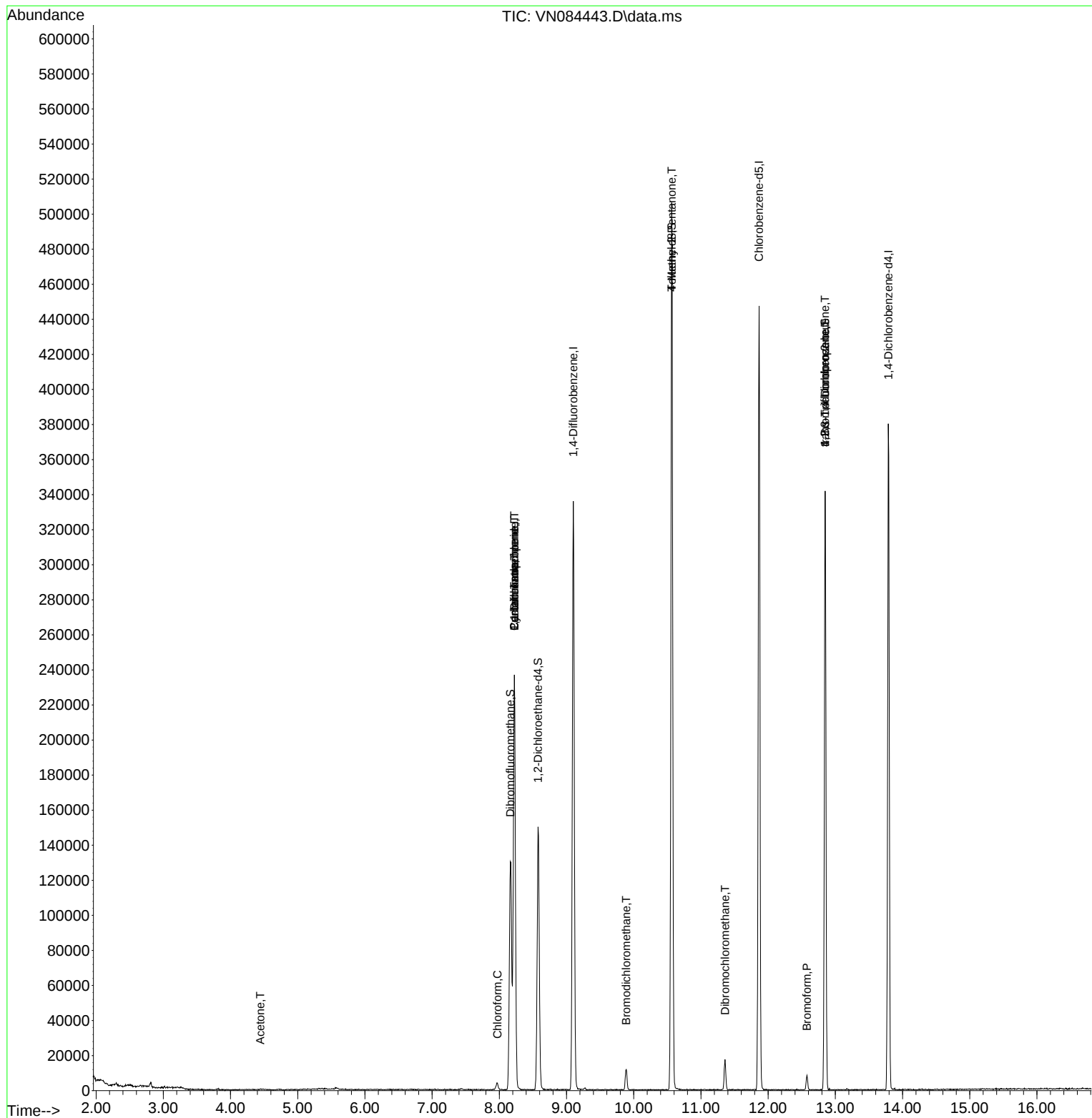
Internal Standards						
1) Pentafluorobenzene	8.224	168	160653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	4.442	43	567	0.554	ug/l #	44
30) Chloroform	7.971	83	4593	1.217	ug/l	91
31) Cyclohexane	8.224	56	3553	1.007	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14014	5.106	ug/l #	52
38) Carbon Tetrachloride	8.224	117	18147	6.028	ug/l #	15
47) Bromodichloromethane	9.888	83	8525	2.811	ug/l #	92
51) 4-Methyl-2-Pentanone	10.565	43	1357	0.506	ug/l #	1
60) Dibromochloromethane	11.359	129	9837	4.454	ug/l	96
71) Bromoform	12.576	173	3930	2.741	ug/l #	94
76) 1,2,3-Trichloropropane	12.847	75	62131	30.067	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62131	72.084	ug/l #	11

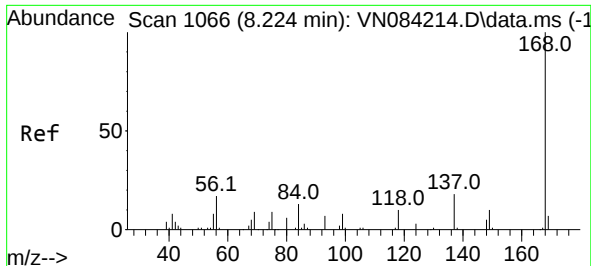
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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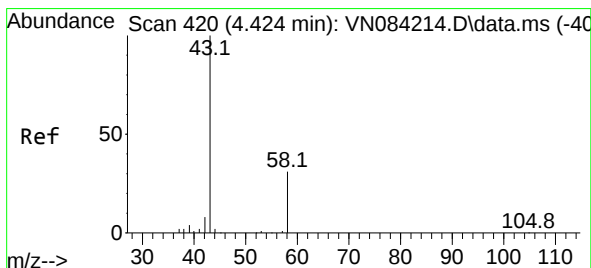
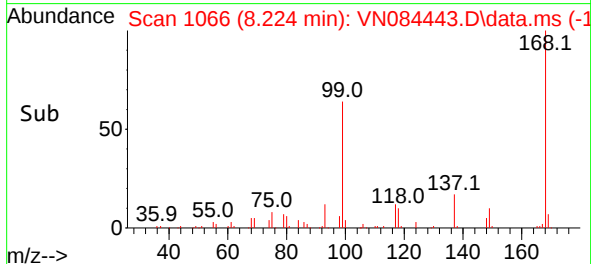
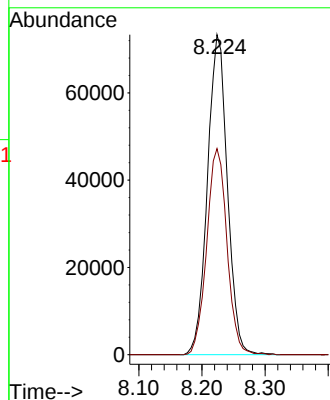
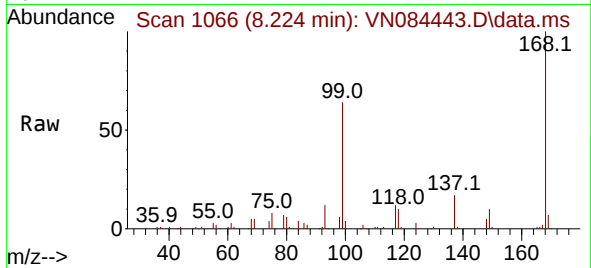




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

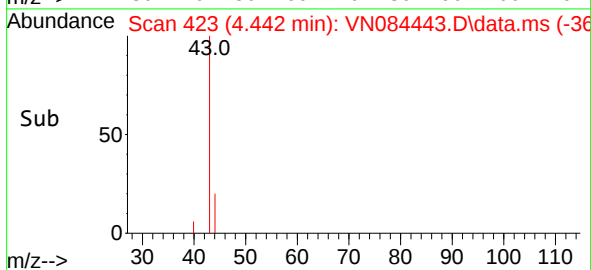
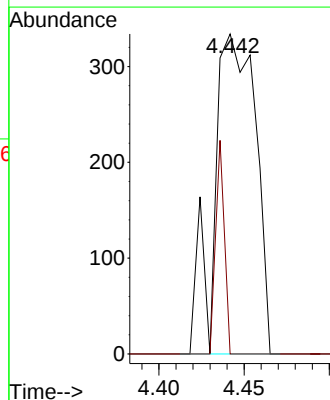
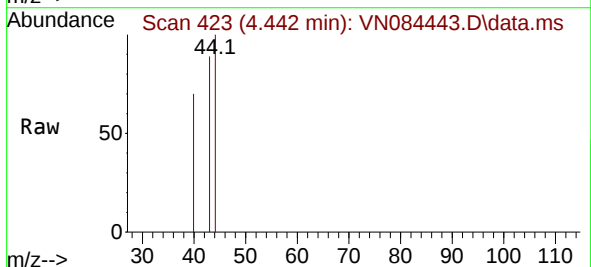
Instrument :
MSVOA_N
ClientSampleId :
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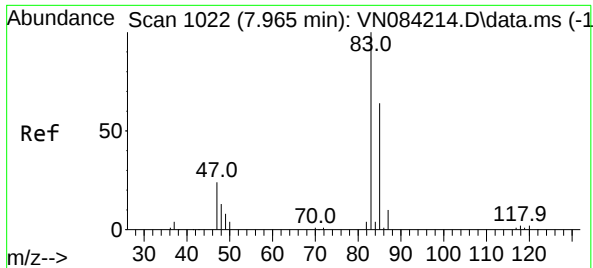
Tgt Ion:168 Resp: 160653
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#16
Acetone
Concen: 0.554 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

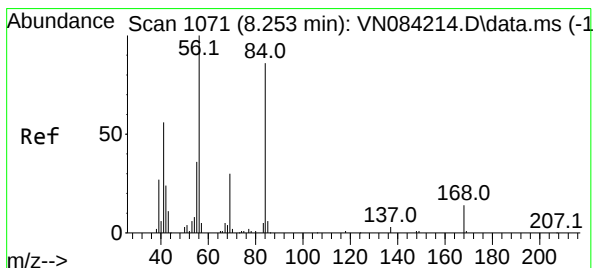
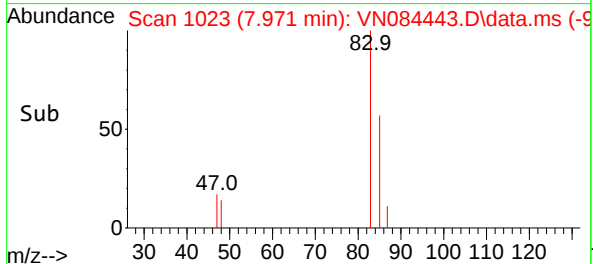
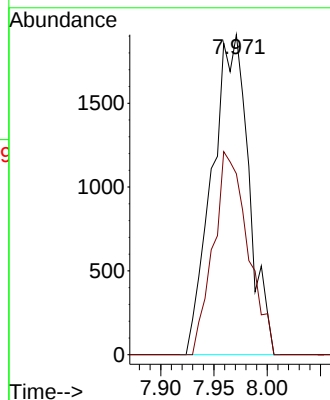
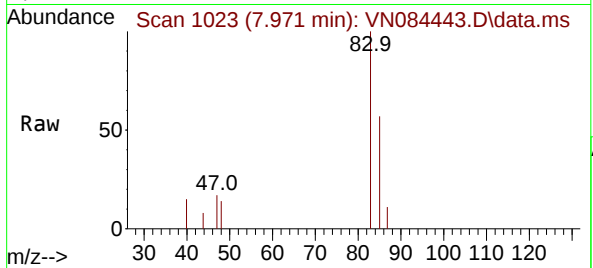




#30
Chloroform
Concen: 1.217 ug/l
RT: 7.971 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

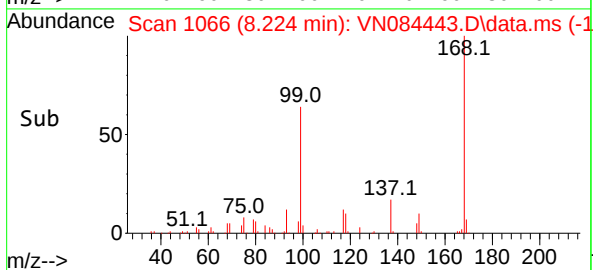
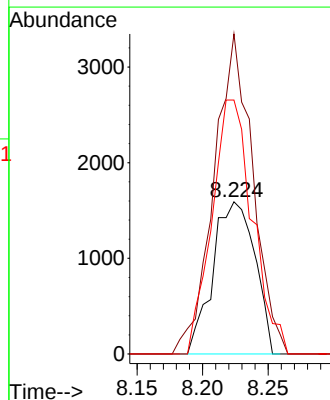
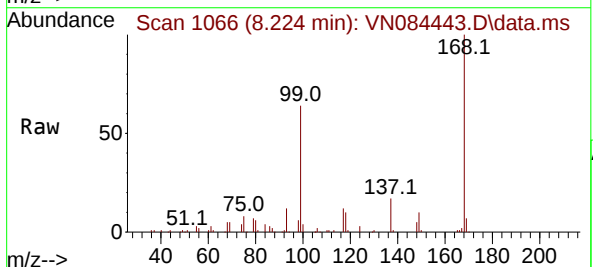
Instrument :
MSVOA_N
ClientSampleId :
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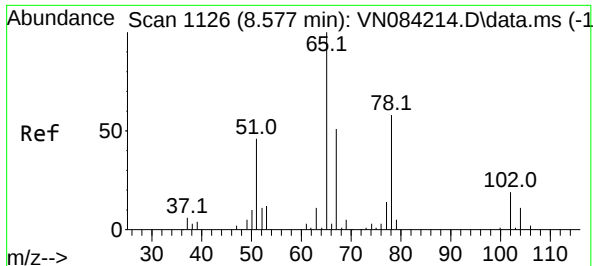
Tgt Ion: 83 Resp: 4593
Ion Ratio Lower Upper
83 100
85 56.6 51.0 76.4



#31
Cyclohexane
Concen: 1.007 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 56 Resp: 3553
Ion Ratio Lower Upper
56 100
69 200.6 23.8 35.6#
84 166.8 68.8 103.2#





#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 :

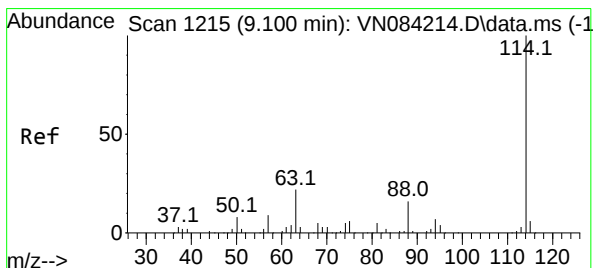
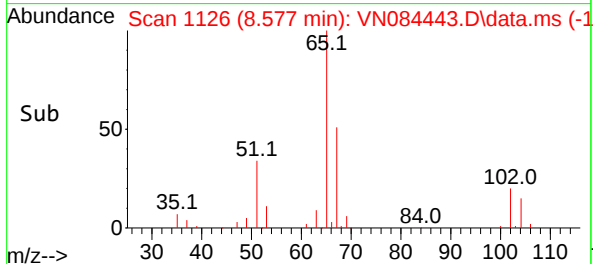
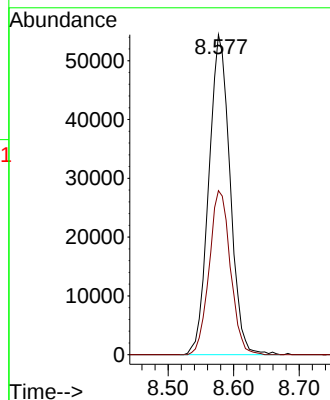
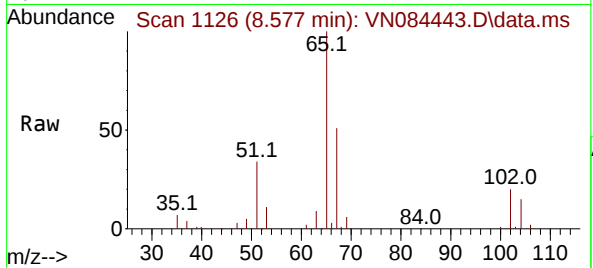
BPOW6-11-HYD-20241016

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

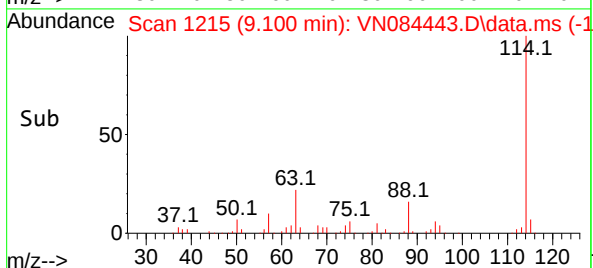
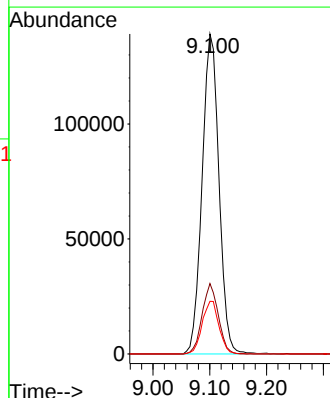
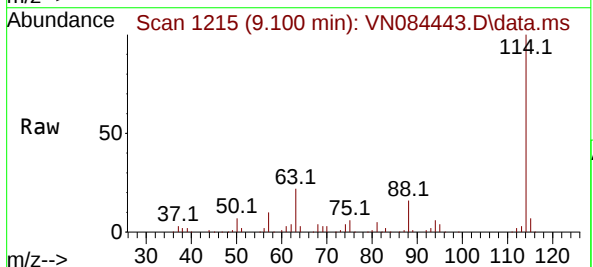
Tgt Ion: 114 Resp: 286612

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 16.5 0.0 31.6

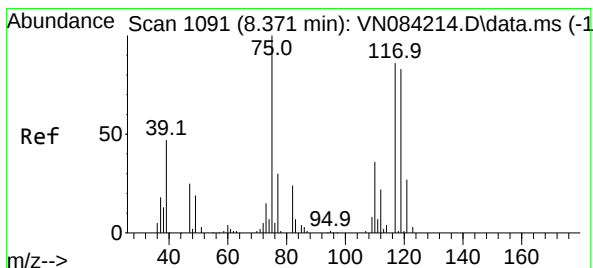
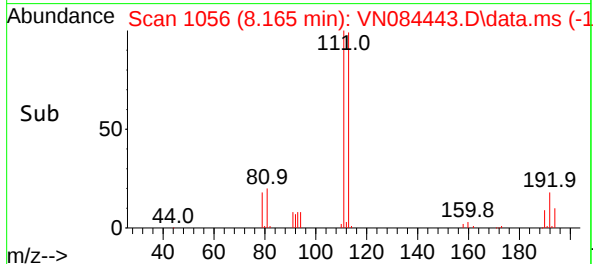
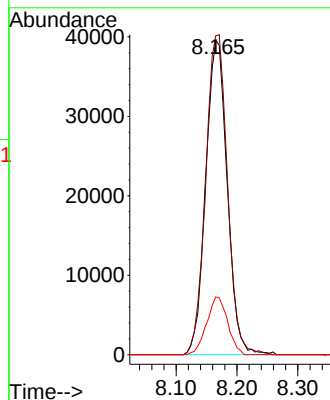
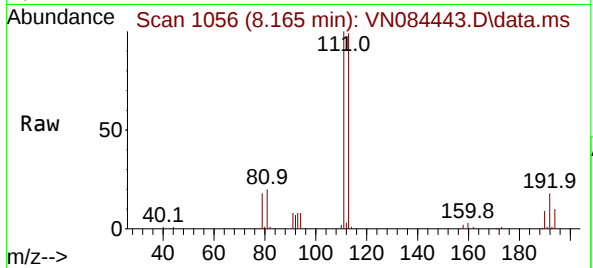




#35
Dibromofluoromethane
Concen: 51.499 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

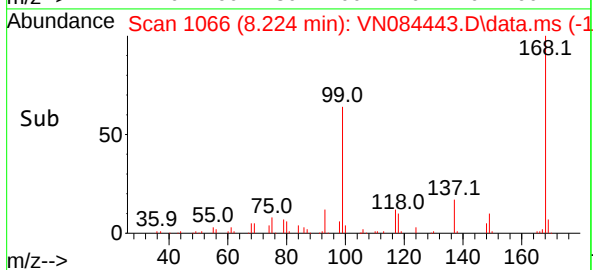
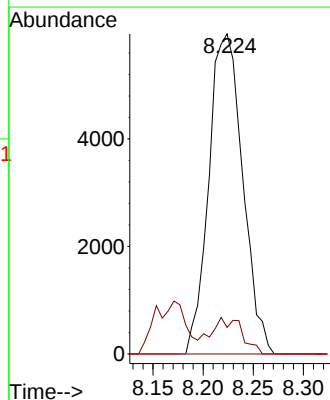
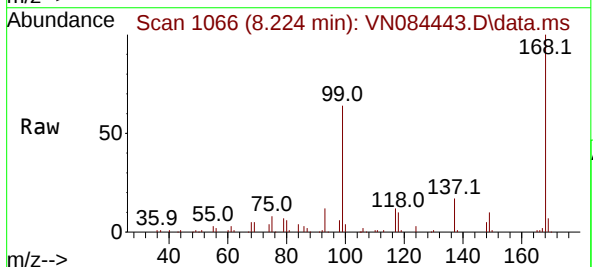
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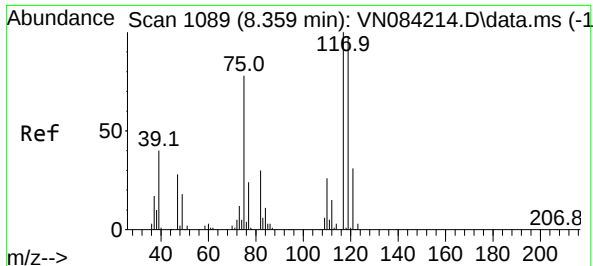
Tgt Ion:113 Resp: 97309
Ion Ratio Lower Upper
113 100
111 102.7 83.3 124.9
192 17.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 75 Resp: 14014
Ion Ratio Lower Upper
75 100
110 10.4 16.9 50.7#
77 0.0 24.7 37.1#

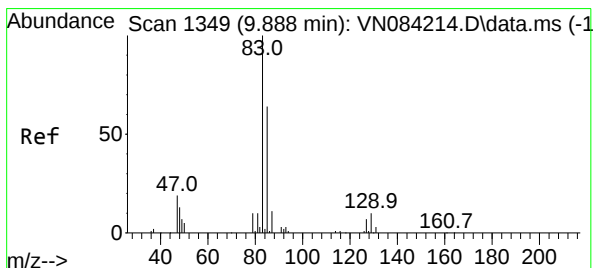
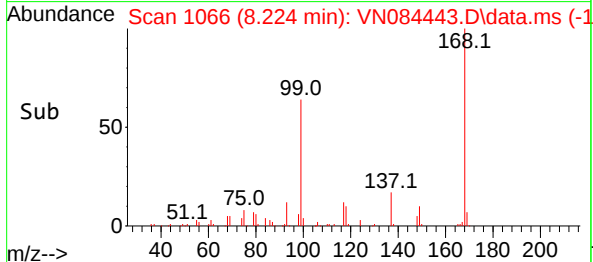
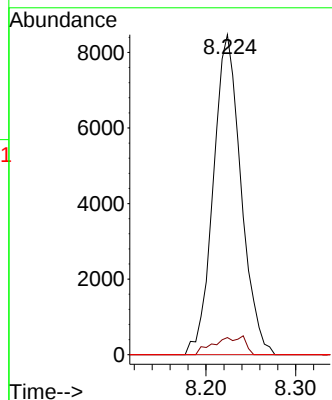
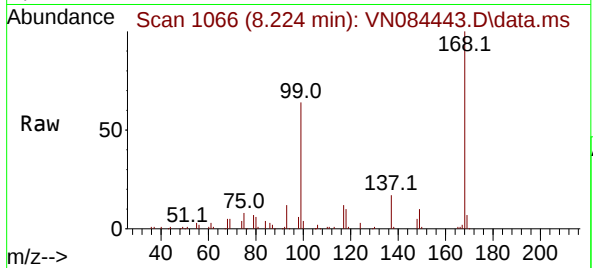




#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

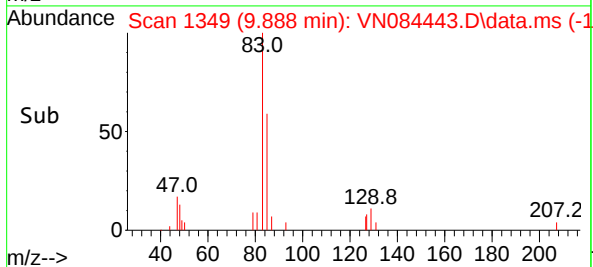
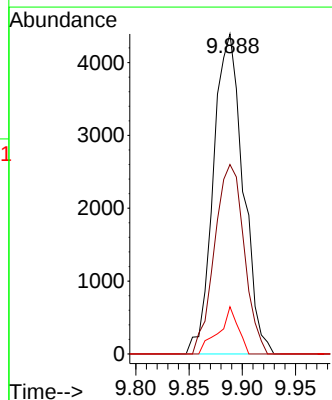
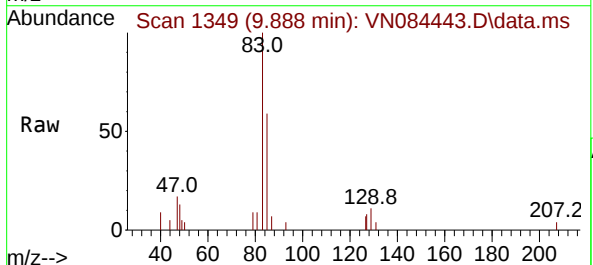
Instrument : MSVOA_N
ClientSampleId : BPOW6-11-HYD-20241016

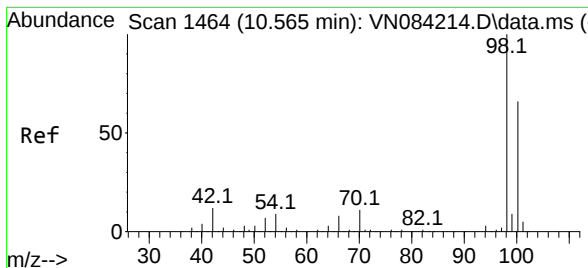
Tgt Ion:117 Resp: 18147
Ion Ratio Lower Upper
117 100
119 5.3 78.7 118.1#
121 0.0 24.4 36.6#



#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

Instrument :

MSVOA_N

ClientSampleId :

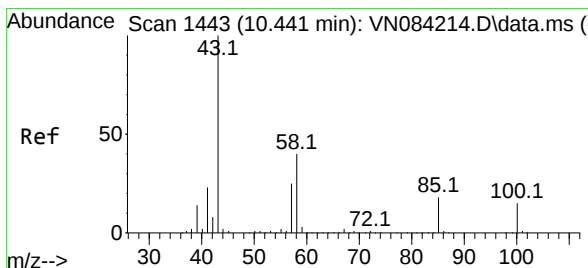
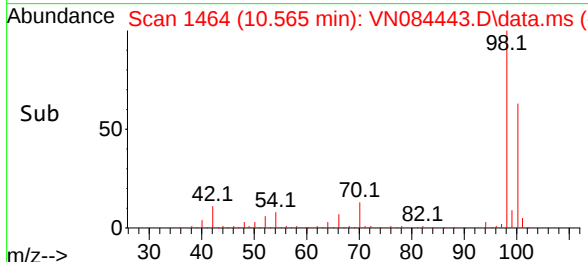
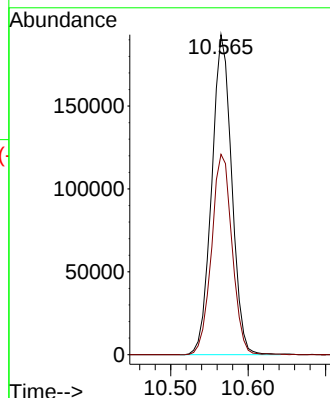
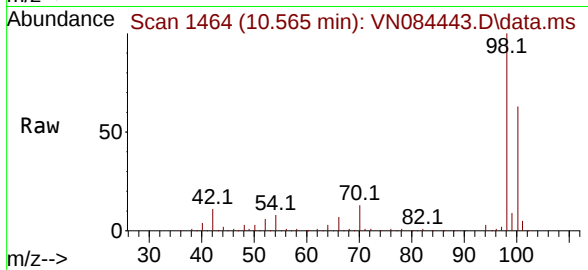
BPOW6-11-HYD-20241016

Tgt Ion: 98 Resp: 345786

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.506 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN084443.D

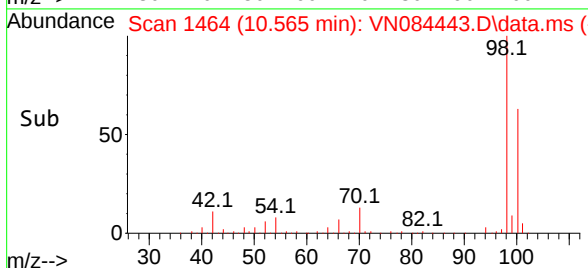
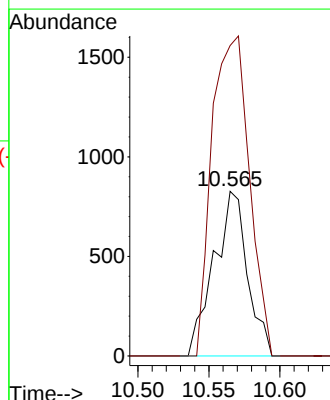
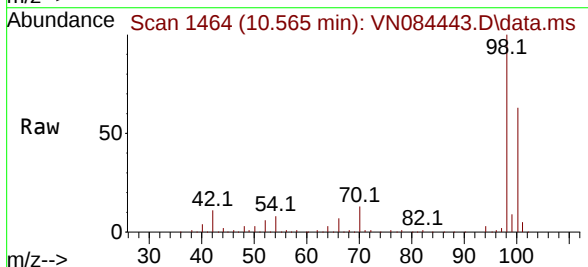
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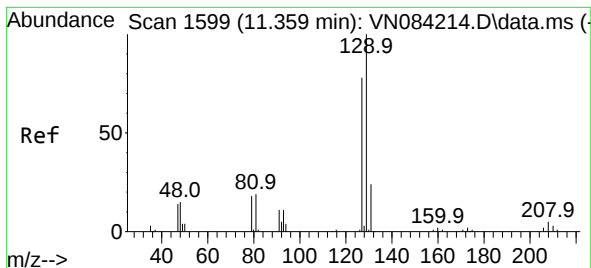
Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

58 217.0 31.6 47.4#





#60

Dibromochloromethane

Concen: 4.454 ug/l

RT: 11.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084443.D

Acq: 21 Oct 2024 18:04

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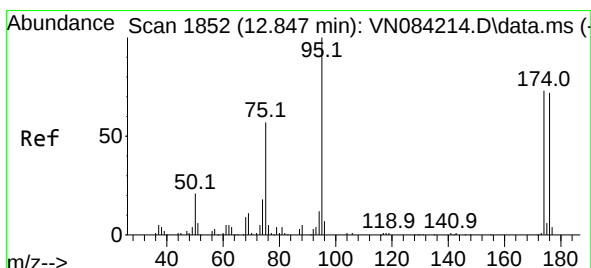
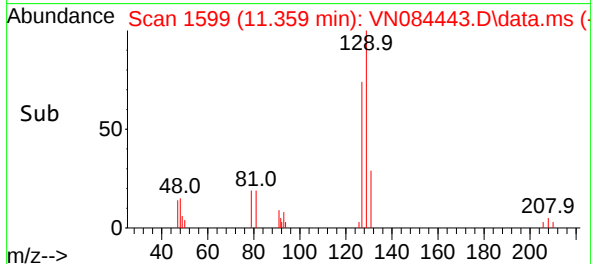
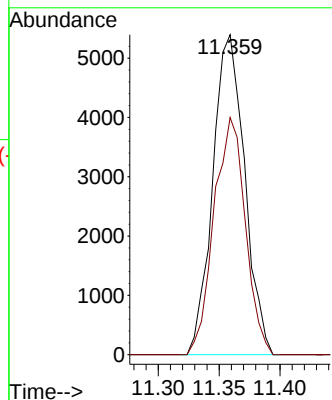
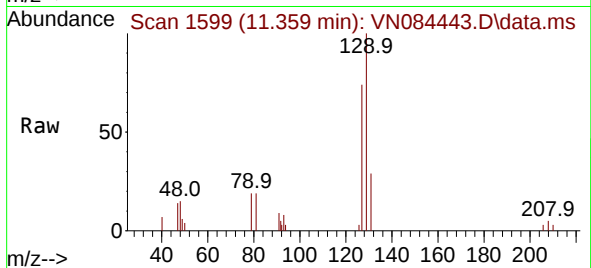
BPOW6-11-HYD-20241016

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# 1852

Delta R.T. 0.000 min

Lab File: VN084443.D

Acq: 21 Oct 2024 18:04

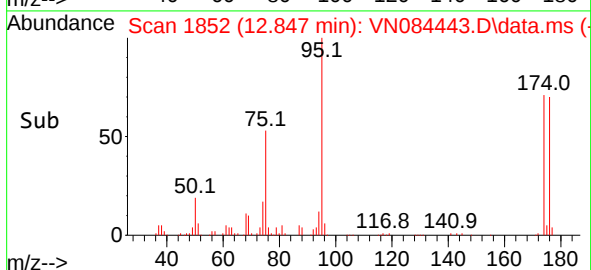
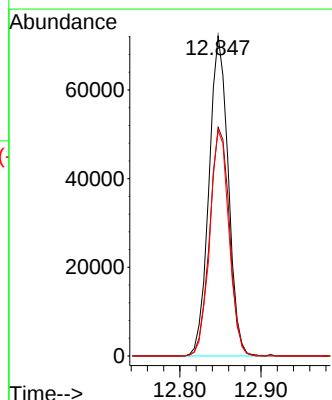
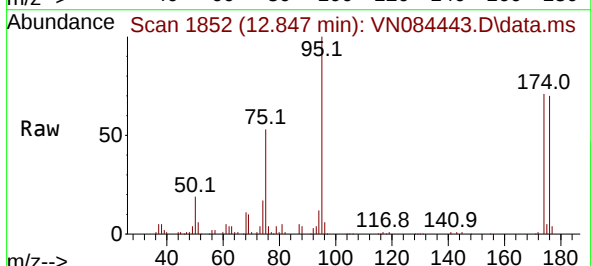
Tgt Ion: 95 Resp: 118648

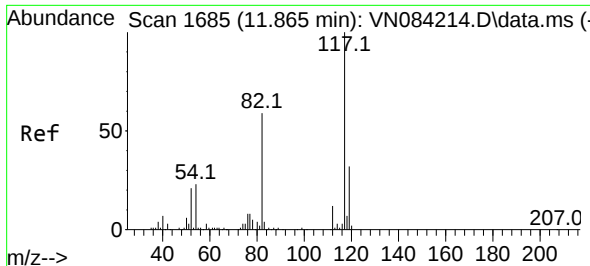
Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.2

176 70.6 0.0 140.0

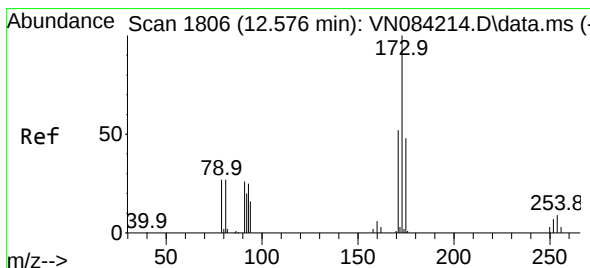
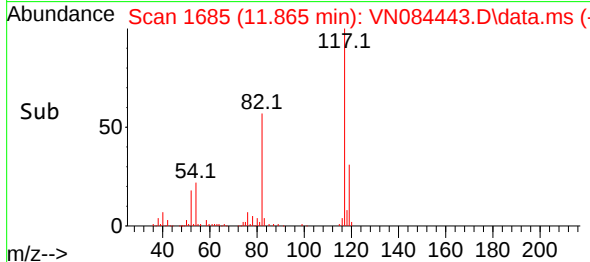
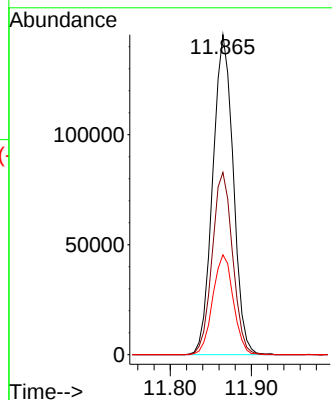
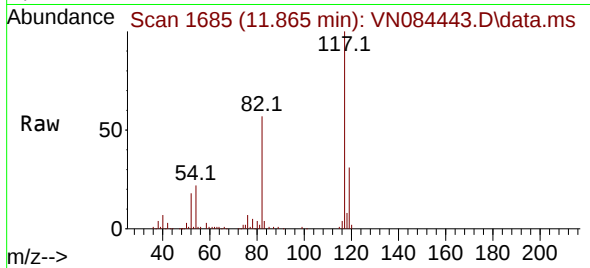




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

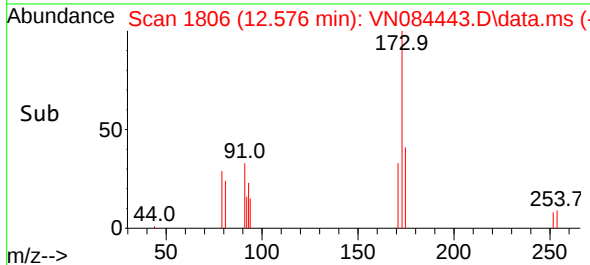
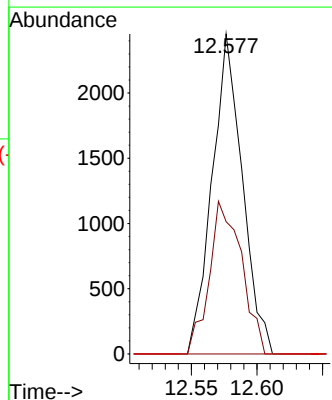
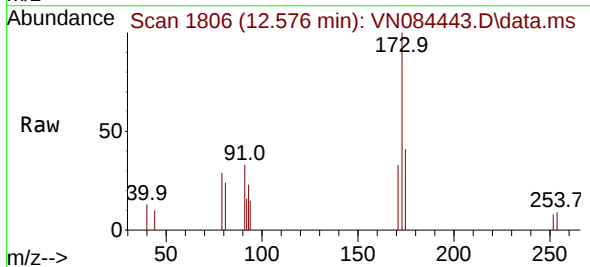
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-11-HYD-20241016

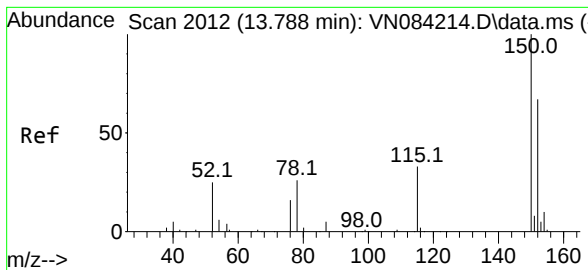
Tgt Ion:117 Resp: 255046
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 31.2 25.4 38.0



#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

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

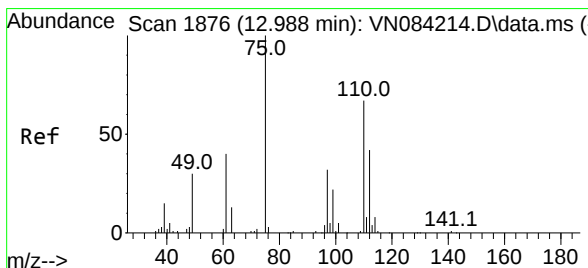
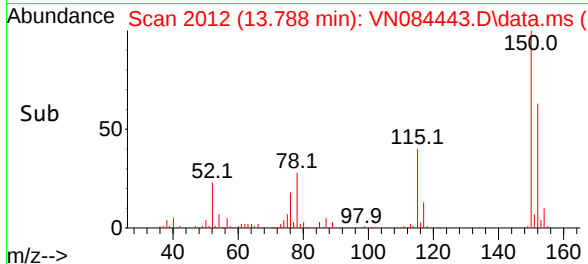
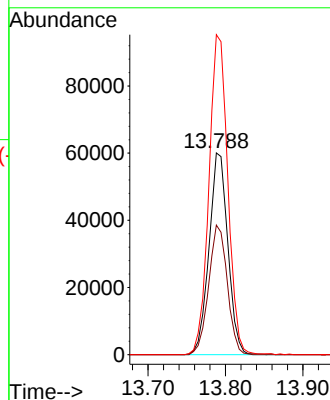
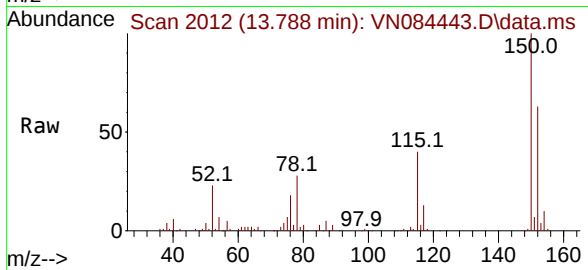




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

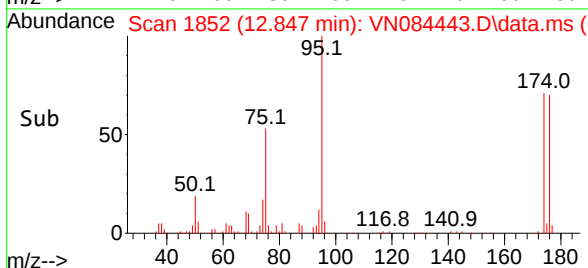
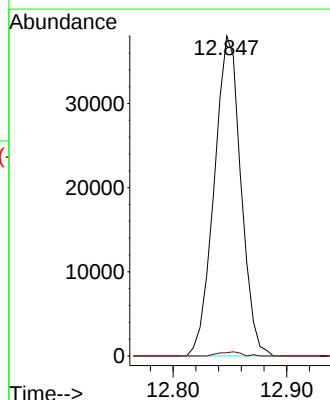
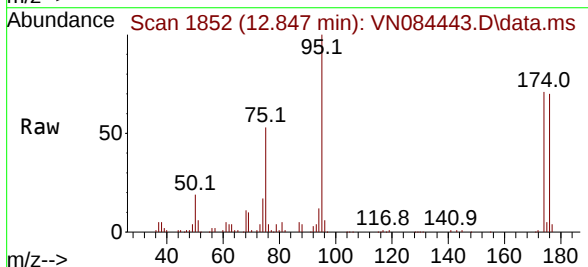
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-11-HYD-20241016

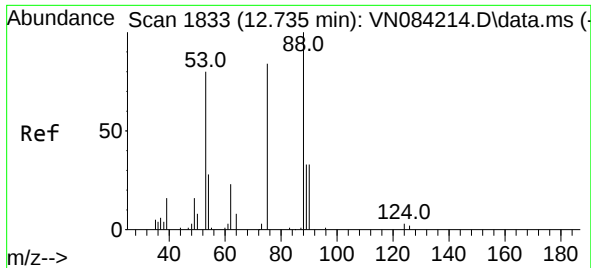
Tgt Ion:152 Resp: 101220
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.9
150 158.9 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 30.067 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084443.D
Acq: 21 Oct 2024 18:04

Tgt Ion: 75 Resp: 62131
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.084 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084443.D
 Acq: 21 Oct 2024 18:04

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

Tgt Ion: 75 Resp: 62131
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

