

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083913.D
 Acq On : 16 Sep 2024 13:27
 Operator : JC\MD
 Sample : P3874-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904RE

Quant Time: Sep 17 02:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

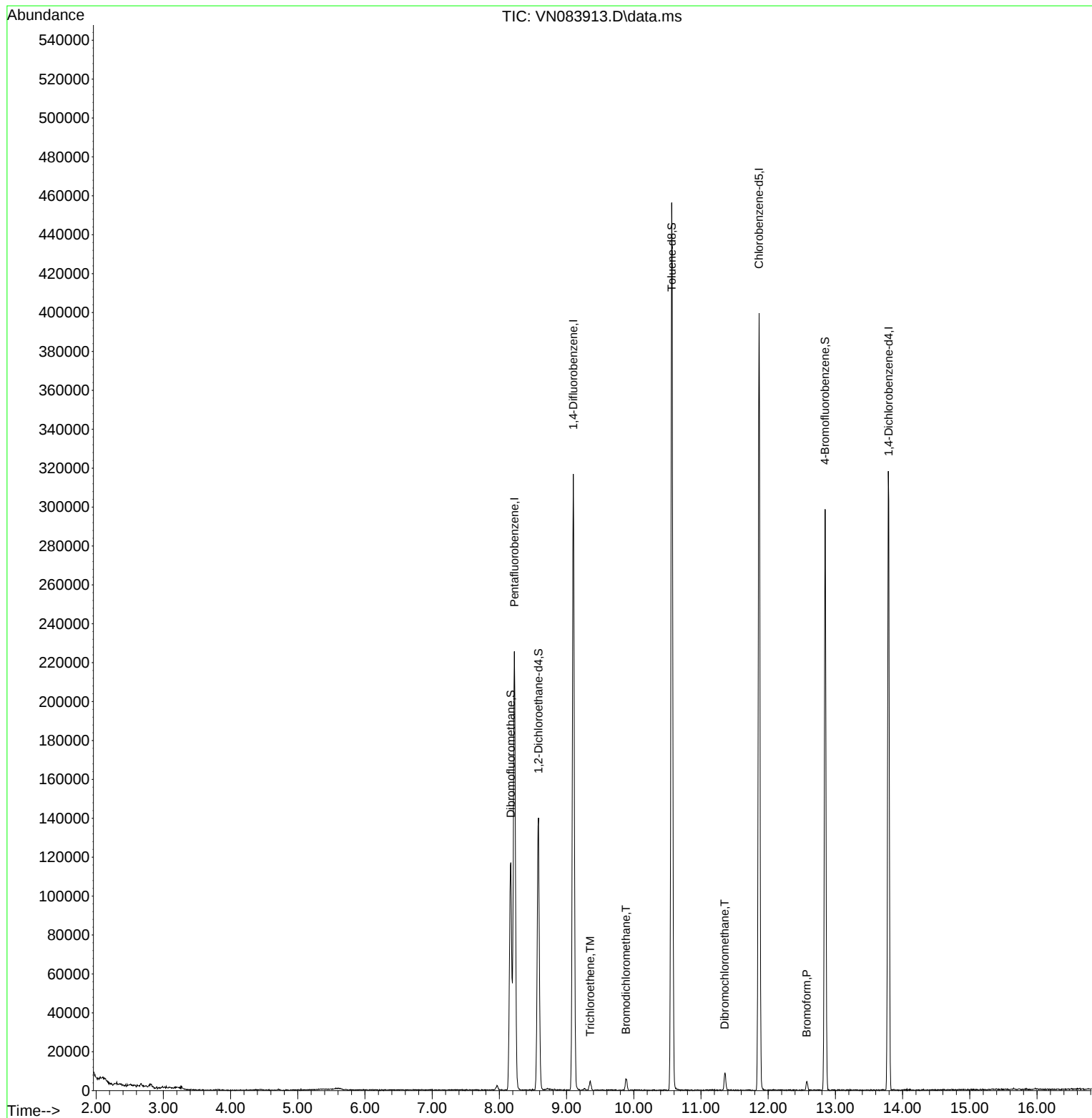
Internal Standards						
1) Pentafluorobenzene	8.224	168	147918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115695	51.872	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.740%		
35) Dibromofluoromethane	8.171	113	82527	50.702	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.400%		
50) Toluene-d8	10.565	98	303518	53.940	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.880%		
62) 4-Bromofluorobenzene	12.847	95	96906	41.742	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 83.480%		
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	1846	1.081	ug/l	89
47) Bromodichloromethane	9.882	83	4666	1.727	ug/l #	89
60) Dibromochloromethane	11.353	129	4964	2.634	ug/l	99
71) Bromoform	12.570	173	2173	1.988	ug/l #	88

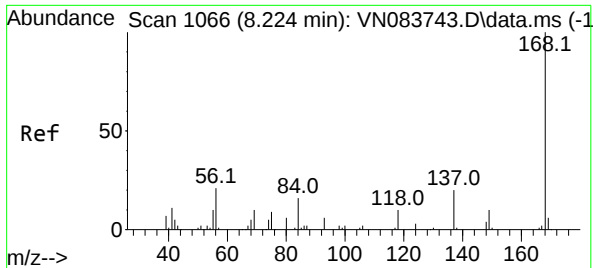
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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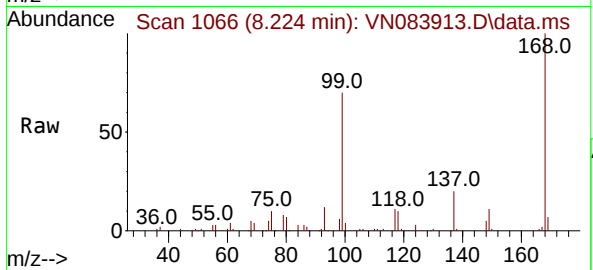
Quant Time: Sep 17 02:31:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



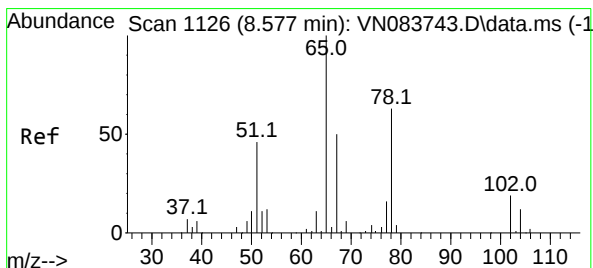
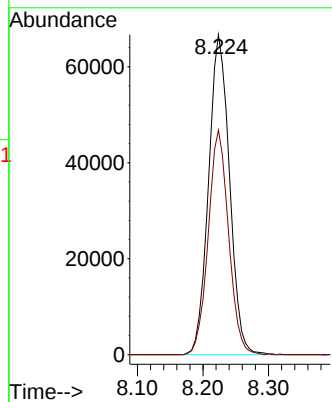
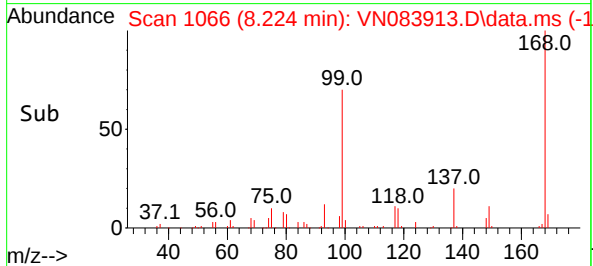


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

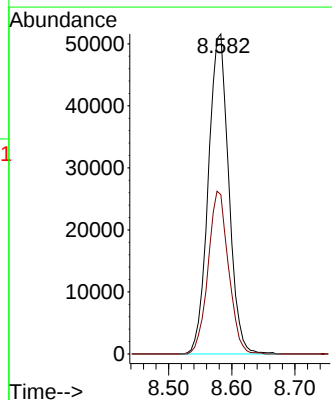
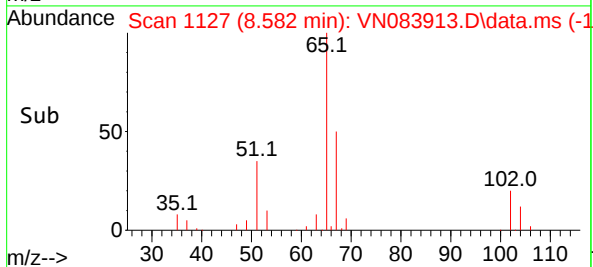
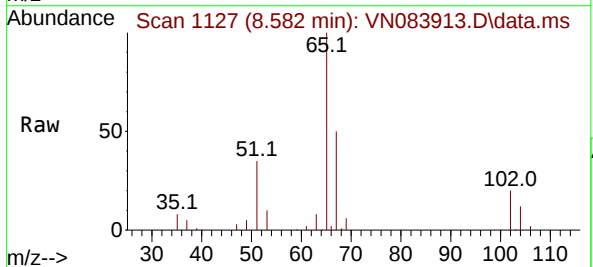


Tgt Ion:168 Resp: 147918
Ion Ratio Lower Upper
168 100
99 70.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.872 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 65 Resp: 115695
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

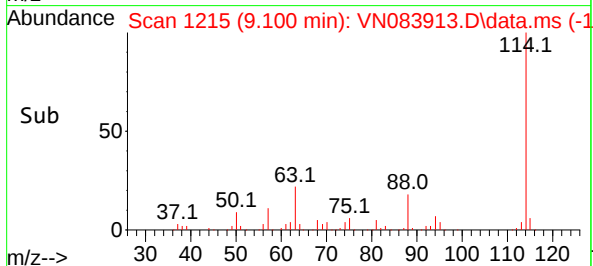
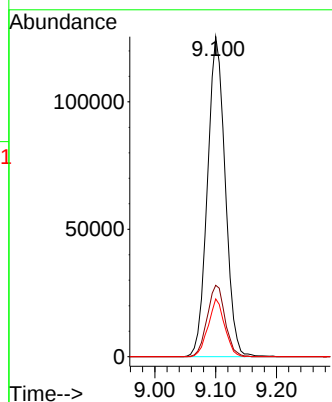
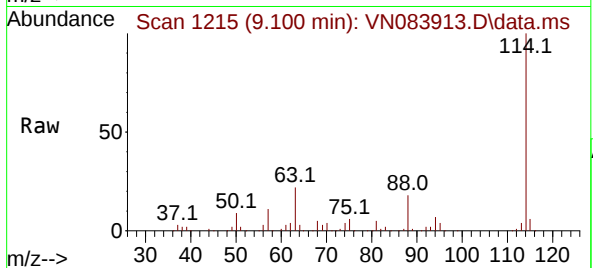
Tgt Ion:114 Resp: 254251

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 18.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.702 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

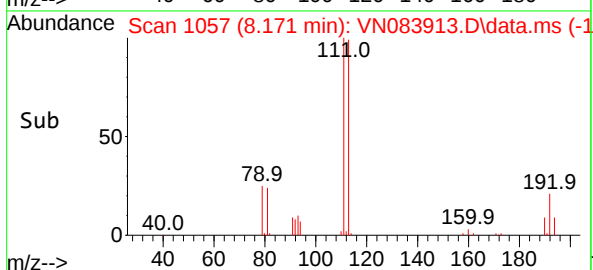
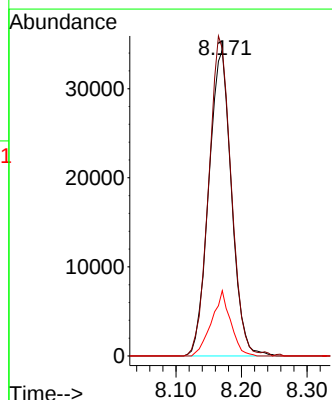
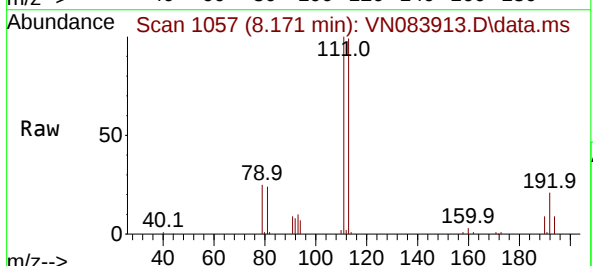
Tgt Ion:113 Resp: 82527

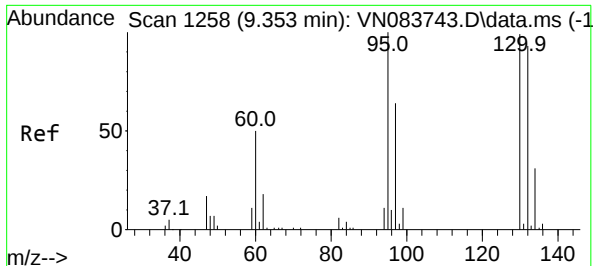
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.9 14.3 21.5

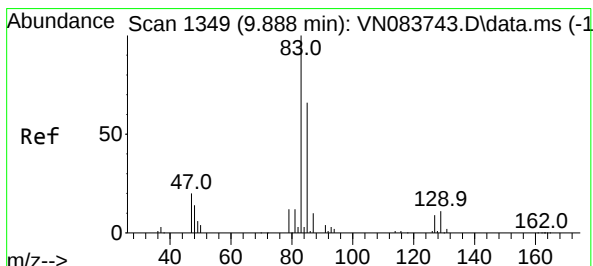
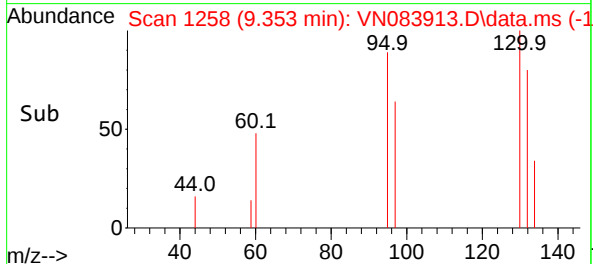
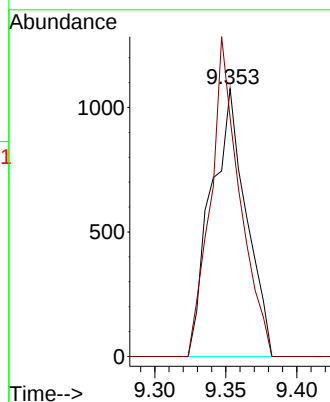
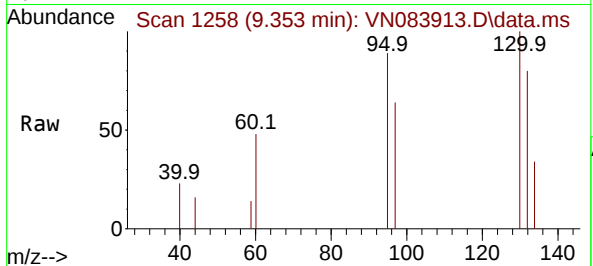




#44
Trichloroethene
Concen: 1.081 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

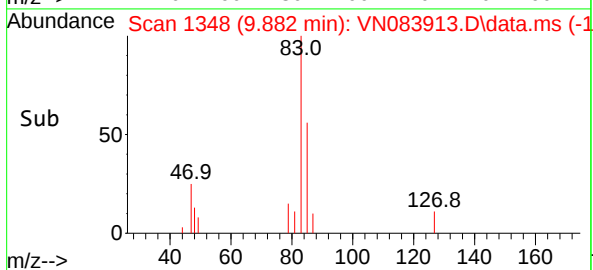
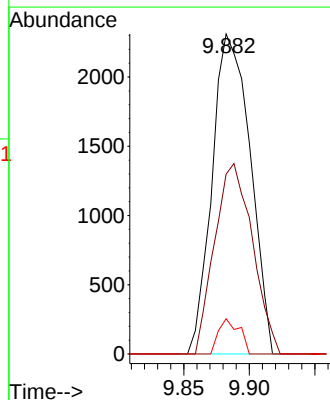
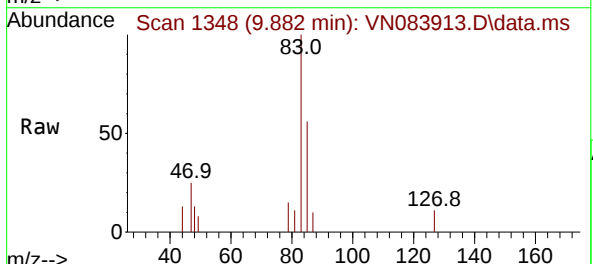
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

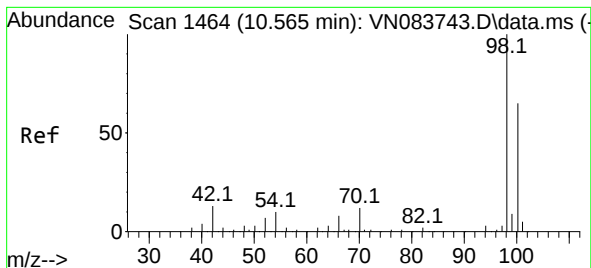
Tgt Ion:130 Resp: 1846
Ion Ratio Lower Upper
130 100
95 89.0 0.0 200.4



#47
Bromodichloromethane
Concen: 1.727 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 83 Resp: 4666
Ion Ratio Lower Upper
83 100
85 56.2 51.8 77.8
127 11.0 6.6 9.8#





#50

Toluene-d8

Concen: 53.940 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

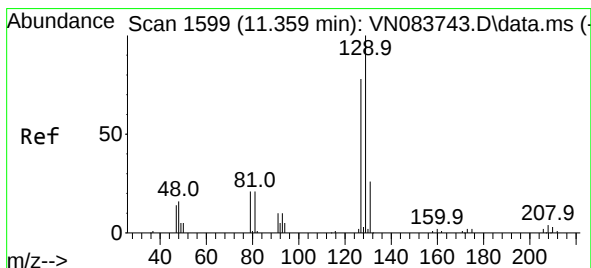
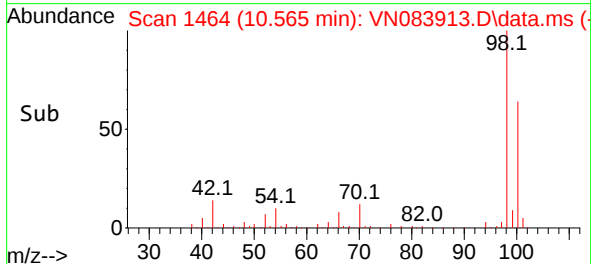
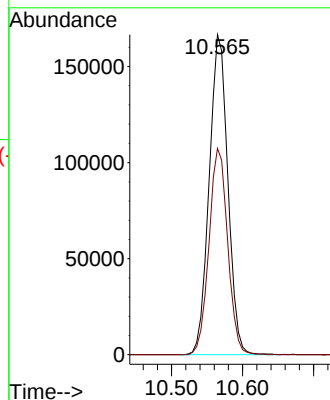
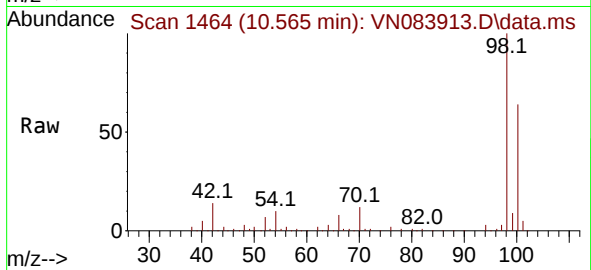
BPOW6-8-HYD-20240904RE

Tgt Ion: 98 Resp: 303518

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#60

Dibromochloromethane

Concen: 2.634 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. -0.006 min

Lab File: VN083913.D

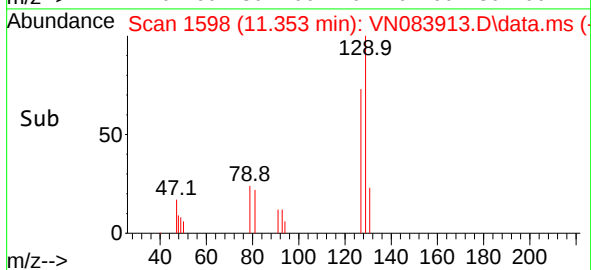
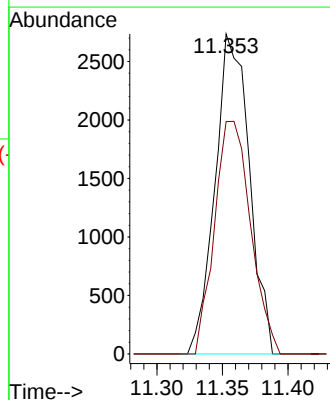
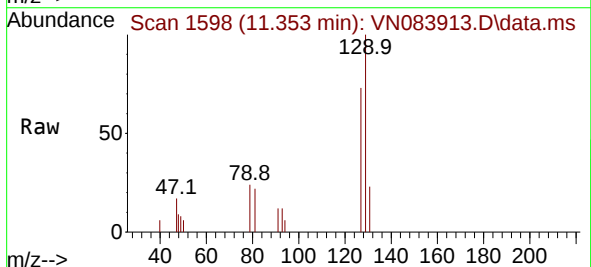
Acq: 16 Sep 2024 13:27

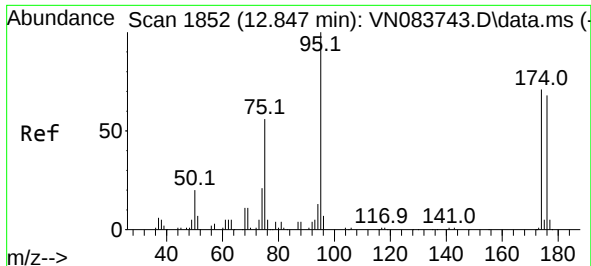
Tgt Ion:129 Resp: 4964

Ion Ratio Lower Upper

129 100

127 76.7 39.0 116.9





#62

4-Bromofluorobenzene

Concen: 41.742 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

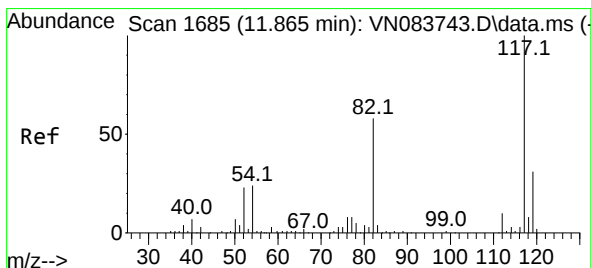
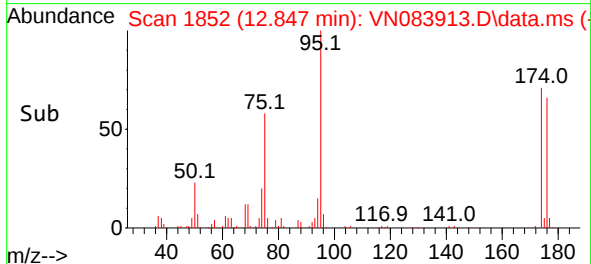
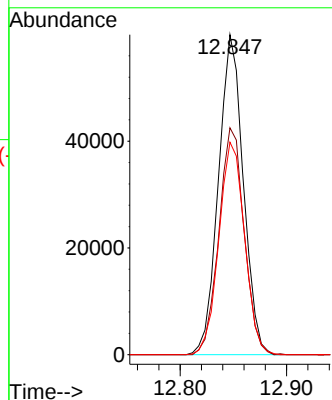
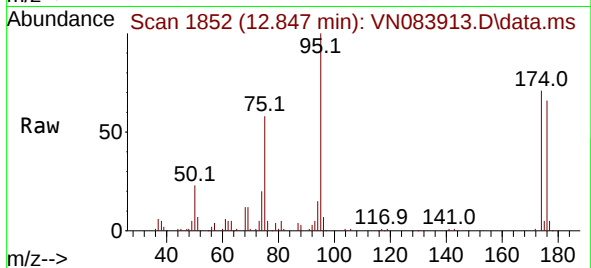
Tgt Ion: 95 Resp: 96906

Ion Ratio Lower Upper

95 100

174 72.0 0.0 139.8

176 68.8 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

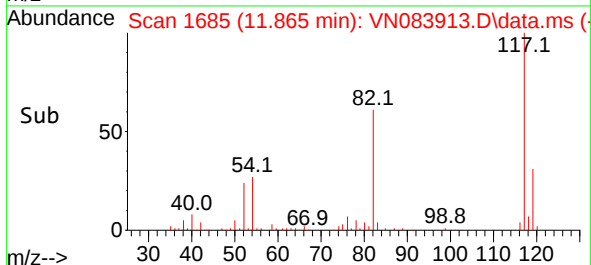
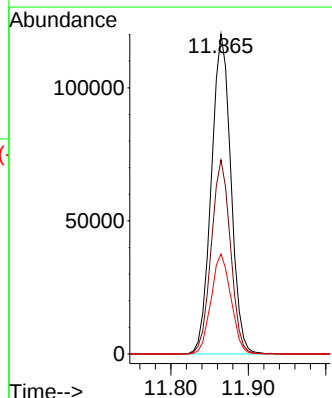
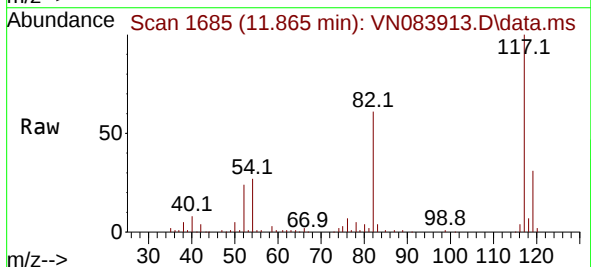
Tgt Ion: 117 Resp: 210527

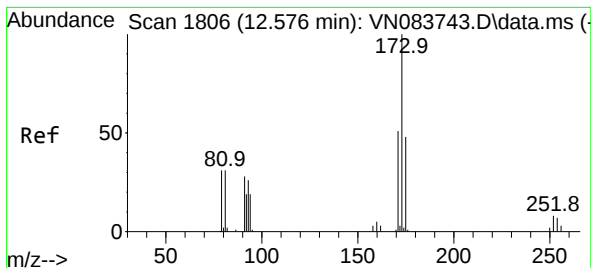
Ion Ratio Lower Upper

117 100

82 60.7 47.4 71.0

119 31.2 26.3 39.5





#71

Bromoform

Concen: 1.988 ug/l

RT: 12.570 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

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BPOW6-8-HYD-20240904RE

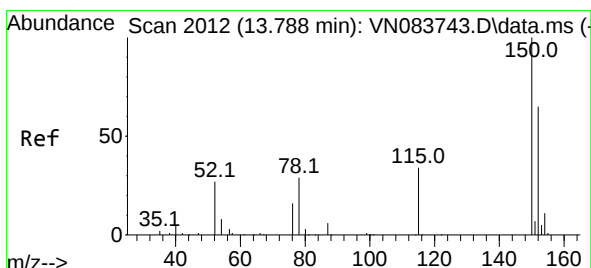
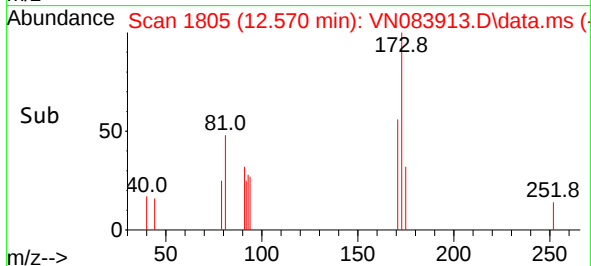
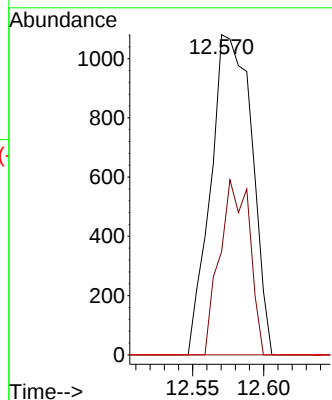
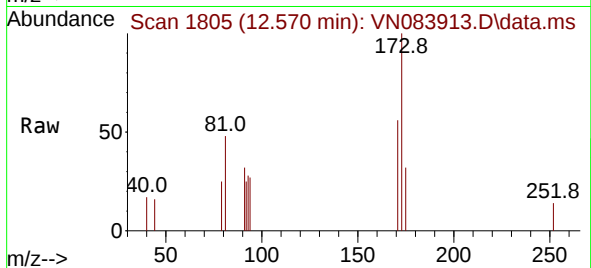
Tgt Ion:173 Resp: 2173

Ion Ratio Lower Upper

173 100

175 39.7 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Tgt Ion:152 Resp: 79246

Ion Ratio Lower Upper

152 100

115 66.2 32.2 96.6

150 161.0 0.0 348.6

