

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083937.D
 Acq On : 17 Sep 2024 11:54
 Operator : JC\MD
 Sample : P3970-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-8-HYD-20240910

Quant Time: Sep 18 01:45:39 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)

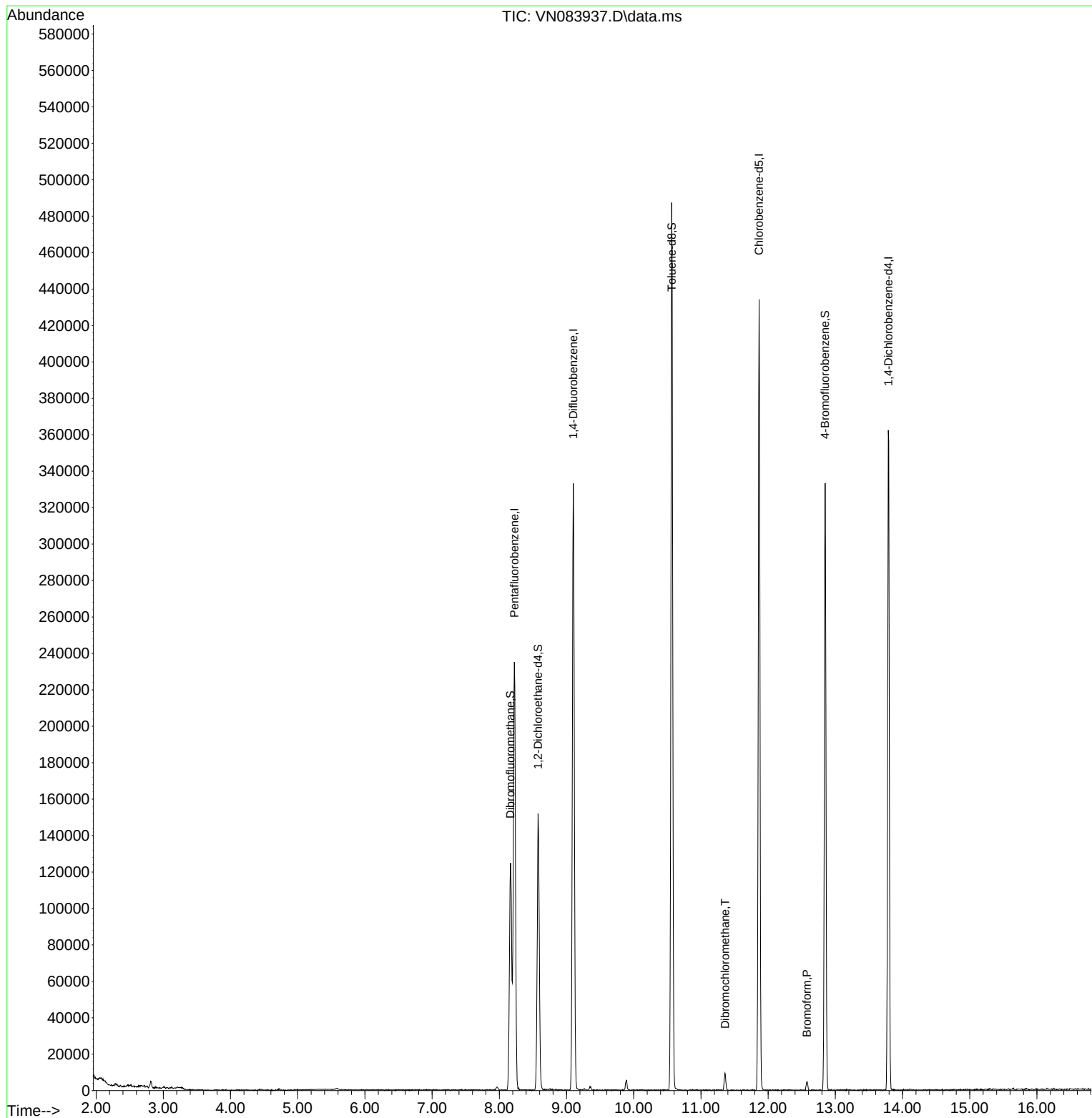
Internal Standards						
1) Pentafluorobenzene	8.224	168	161015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124130	51.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.260%
35) Dibromofluoromethane	8.165	113	89968	51.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	10.565	98	319944	52.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.720%
62) 4-Bromofluorobenzene	12.847	95	112674	45.118	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.240%
Target Compounds						
60) Dibromochloromethane	11.359	129	5039	2.486	ug/l	98
71) Bromoform	12.576	173	2408	2.044	ug/l #	89

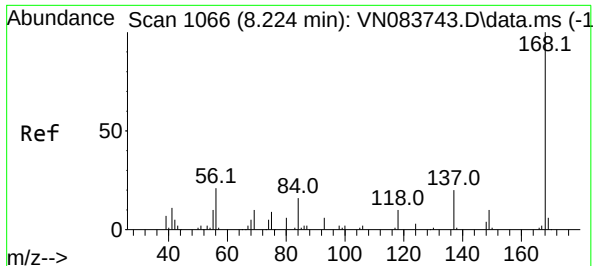
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083937.D
Acq On : 17 Sep 2024 11:54
Operator : JC\MD
Sample : P3970-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240910

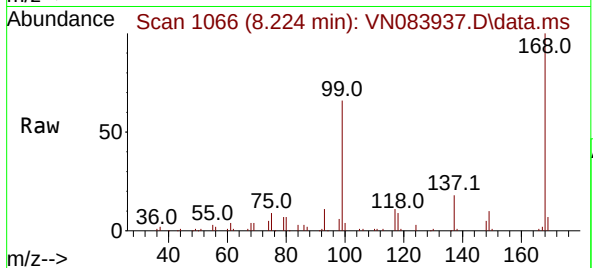
Quant Time: Sep 18 01:45:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



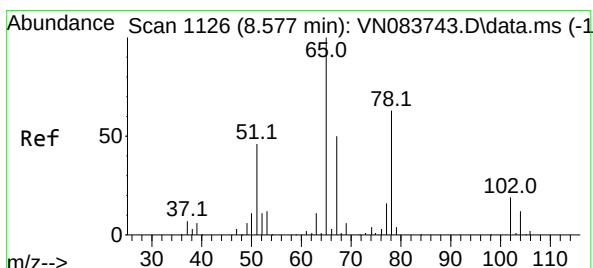
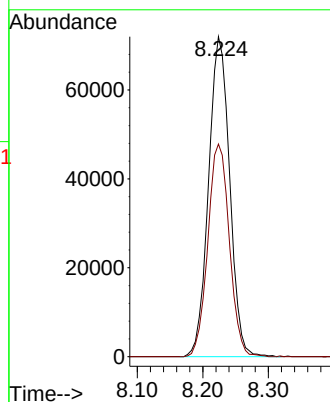
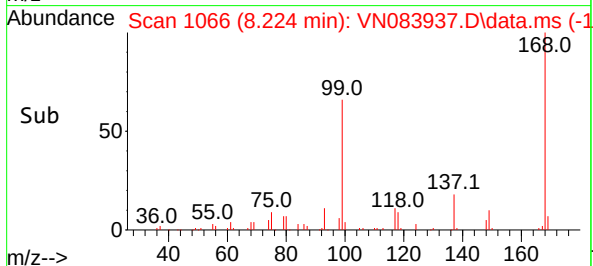


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240910

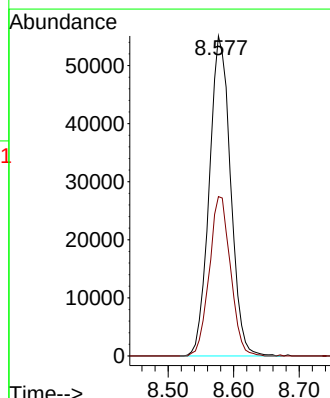
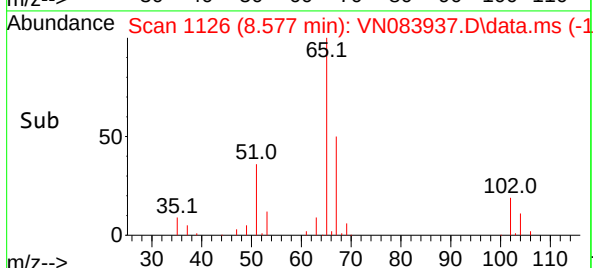
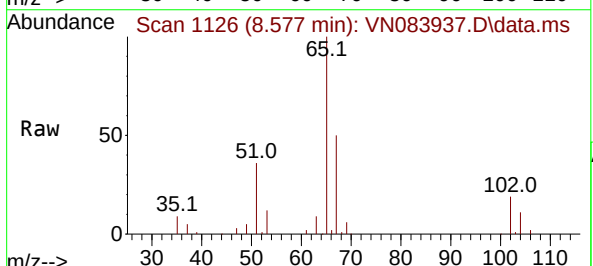


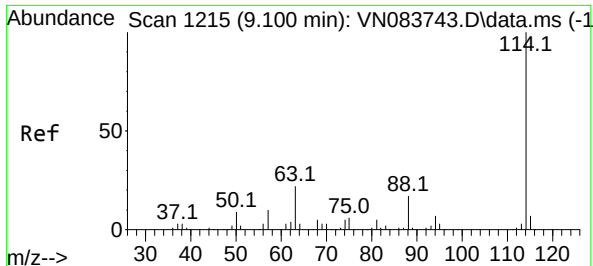
Tgt Ion:168 Resp: 161015
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.127 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 65 Resp: 124130
Ion Ratio Lower Upper
65 100
67 49.6 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: VN083937.D

Acq: 17 Sep 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240910

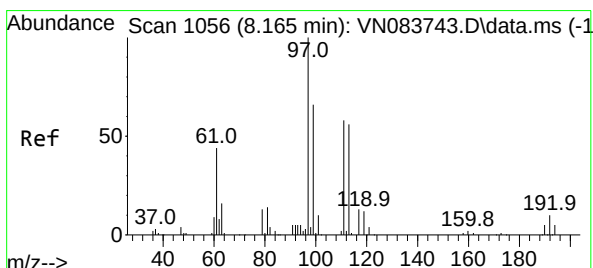
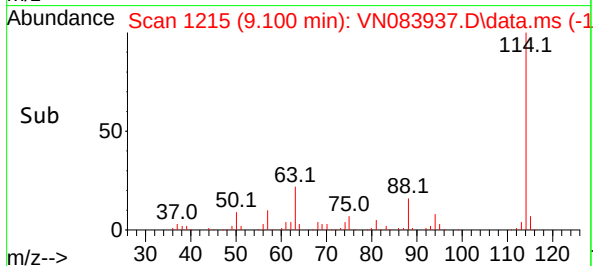
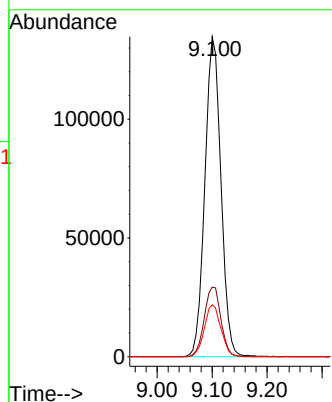
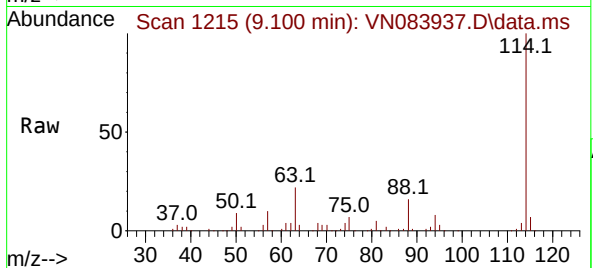
Tgt Ion:114 Resp: 273502

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083937.D

Acq: 17 Sep 2024 11:54

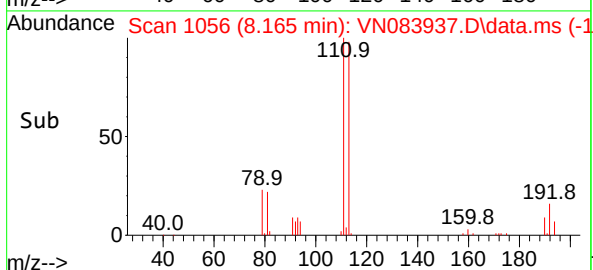
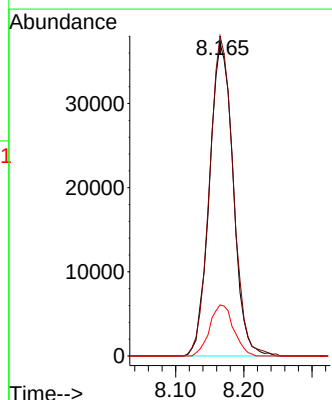
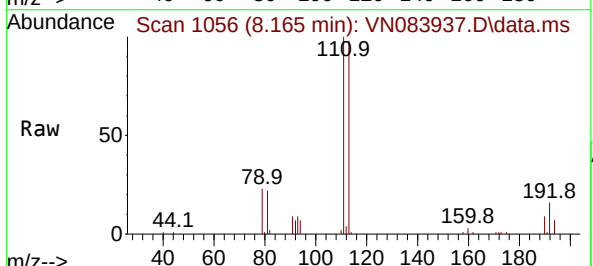
Tgt Ion:113 Resp: 89968

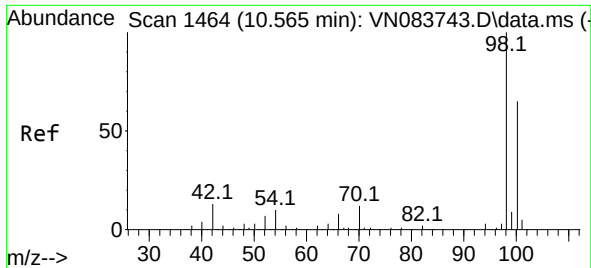
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 16.4 14.3 21.5

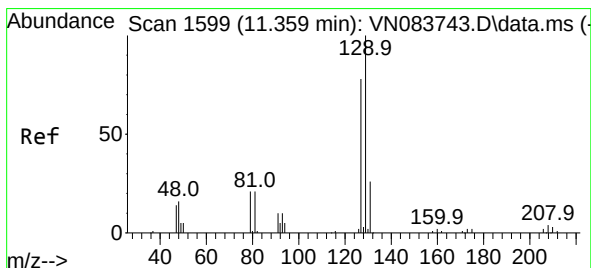
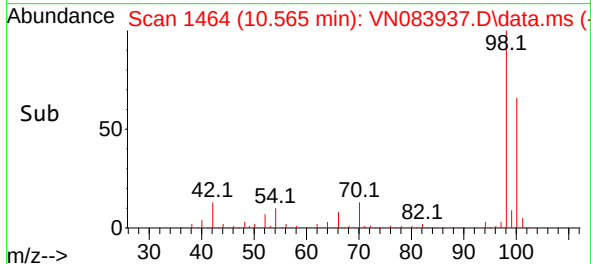
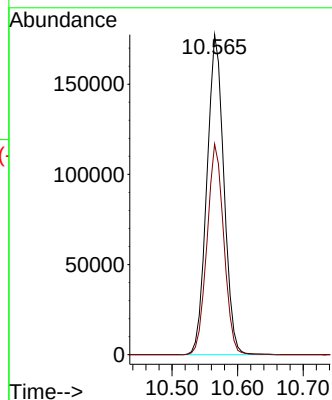
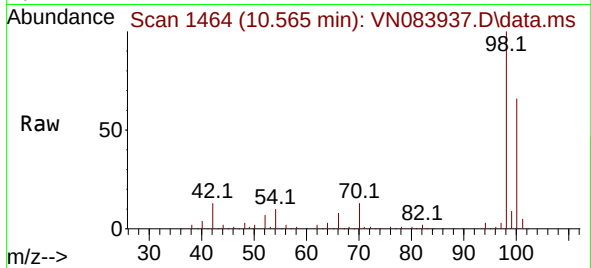




#50
Toluene-d8
Concen: 52.857 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

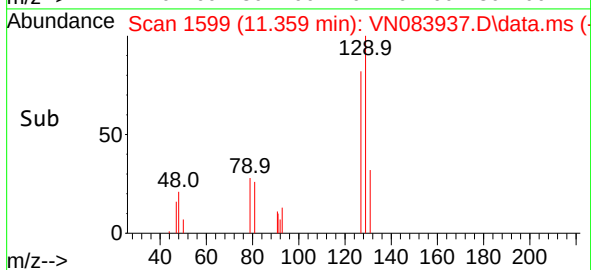
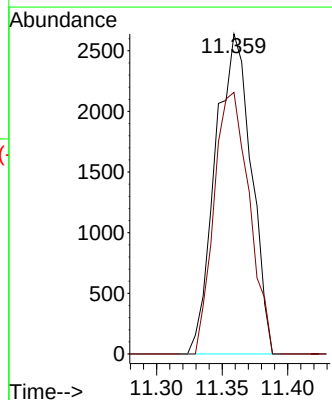
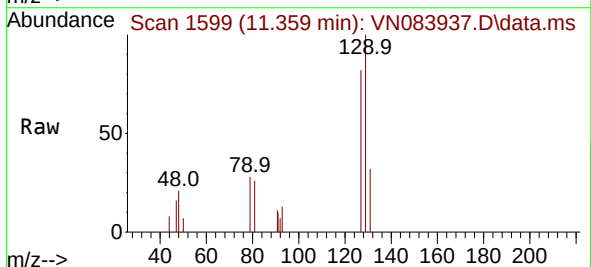
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240910

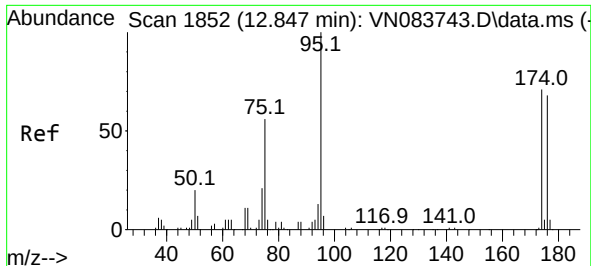
Tgt Ion: 98 Resp: 319944
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#60
Dibromochloromethane
Concen: 2.486 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 129 Resp: 5039
Ion Ratio Lower Upper
129 100
127 80.0 39.0 116.9

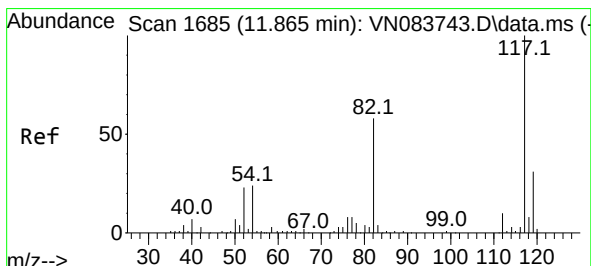
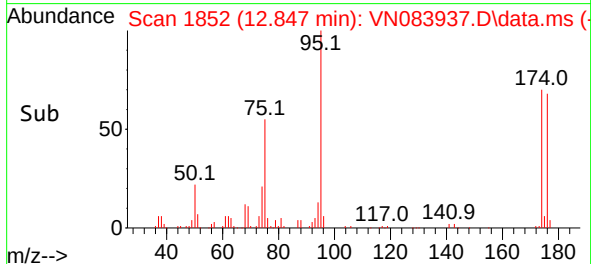
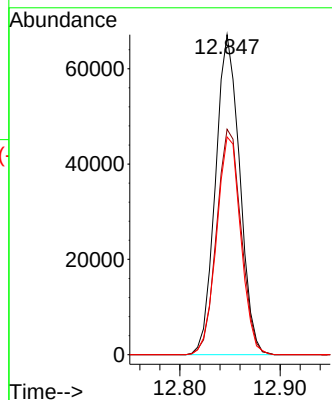
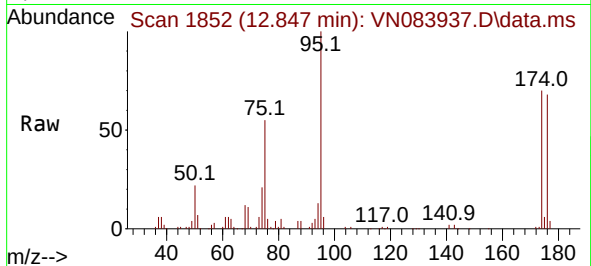




#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

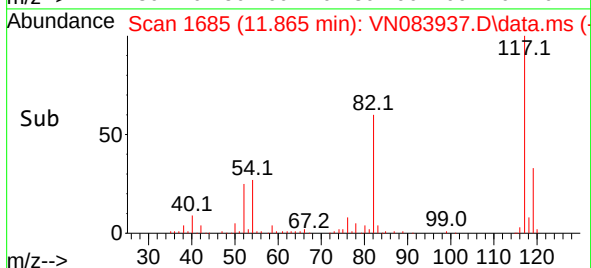
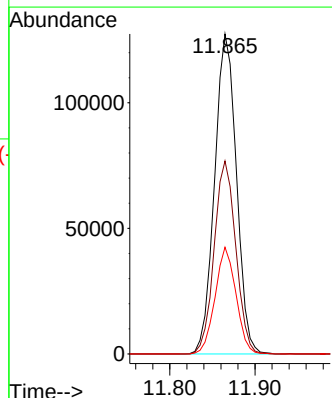
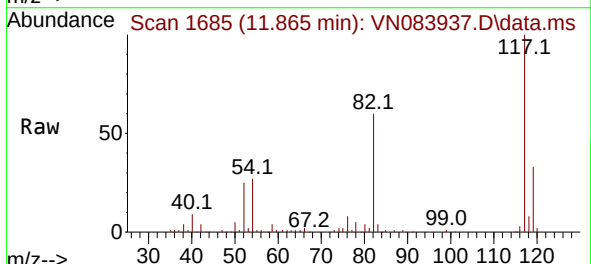
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240910

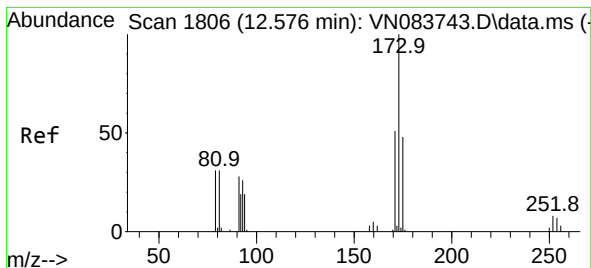
Tgt Ion: 95 Resp: 112674
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 117 Resp: 226870
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 33.3 26.3 39.5





#71

Bromoform

Concen: 2.044 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083937.D

Acq: 17 Sep 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240910

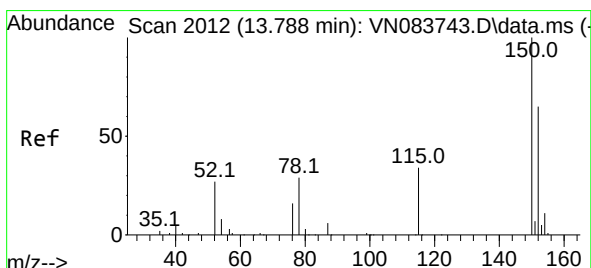
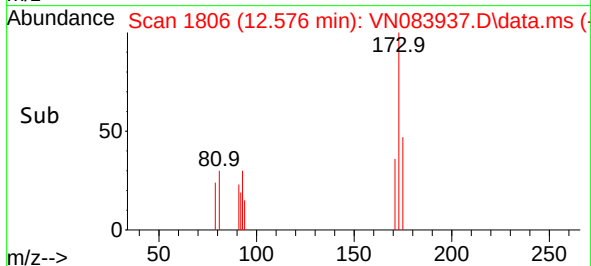
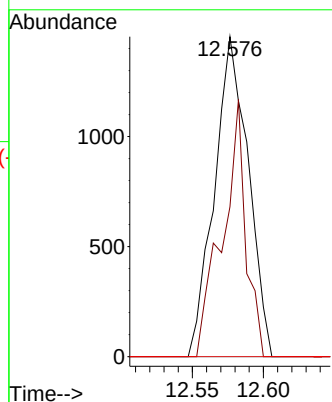
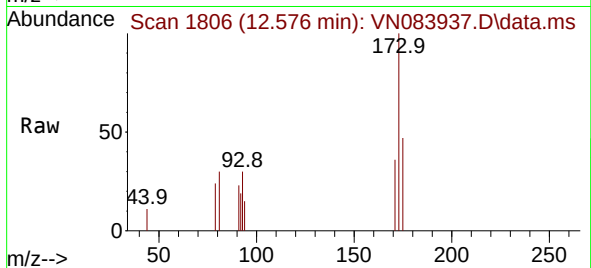
Tgt Ion:173 Resp: 2408

Ion Ratio Lower Upper

173 100

175 55.4 24.1 72.2

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: VN083937.D

Acq: 17 Sep 2024 11:54

Tgt Ion:152 Resp: 90772

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 160.3 0.0 348.6

