

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081248.D
 Acq On : 28 Feb 2024 17:17
 Operator : JC\MD
 Sample : P1590-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20240223

Quant Time: Feb 28 23:29:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

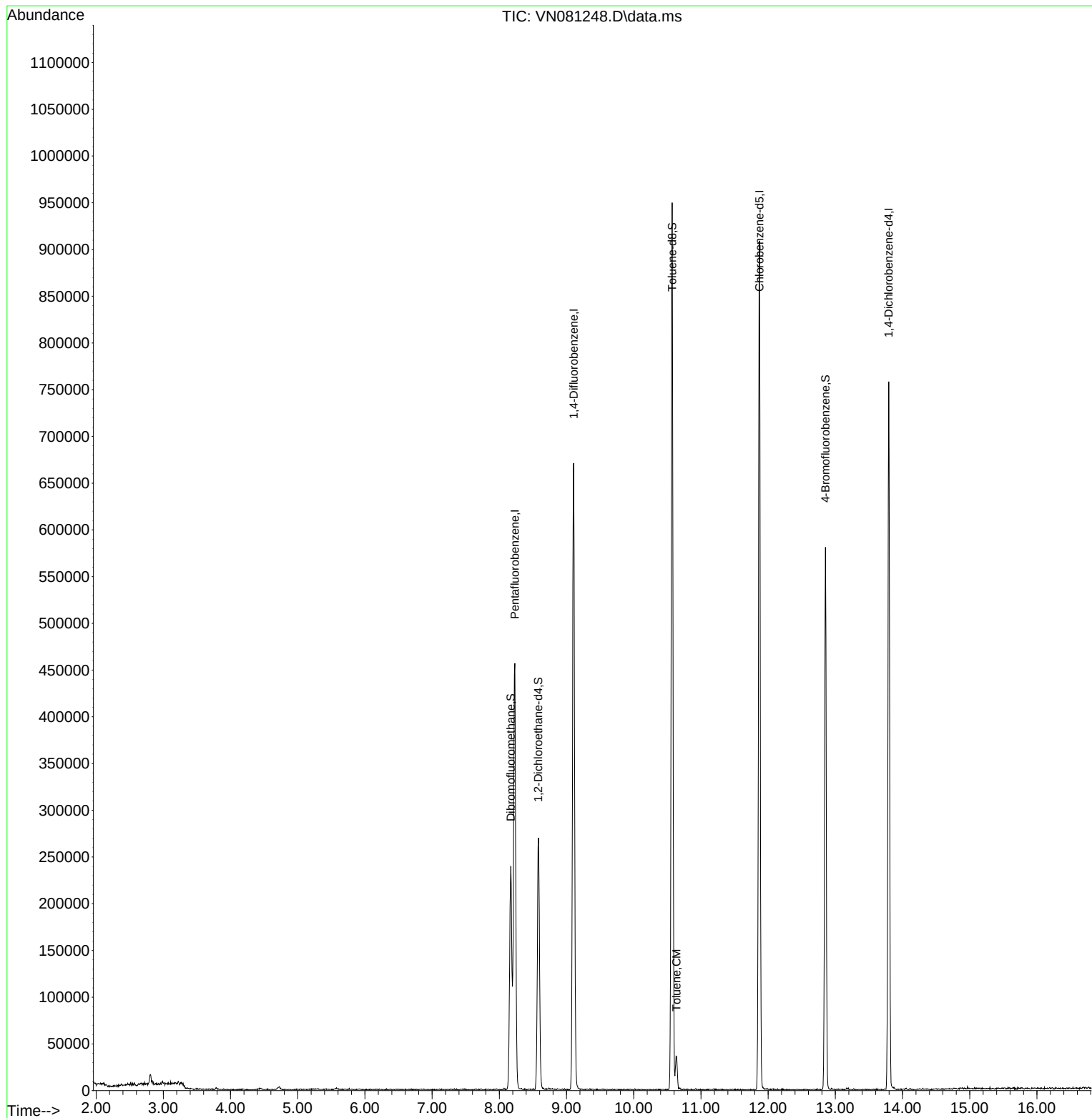
Internal Standards						
1) Pentafluorobenzene	8.230	168	305029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	503843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	212671	56.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.760%
35) Dibromofluoromethane	8.171	113	168610	51.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	10.571	98	639966	54.690	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.853	95	201448	45.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
52) Toluene	10.635	92	15434	1.492	ug/l	Qvalue 99

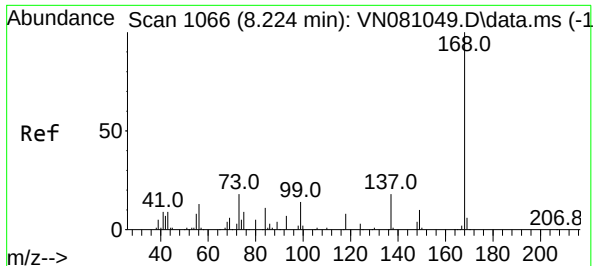
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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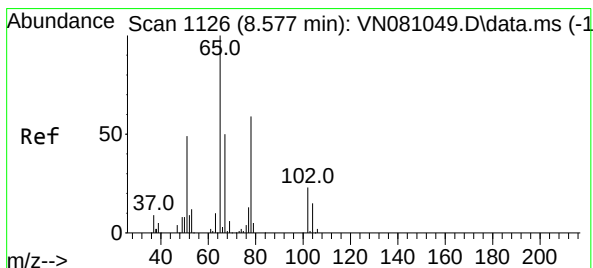
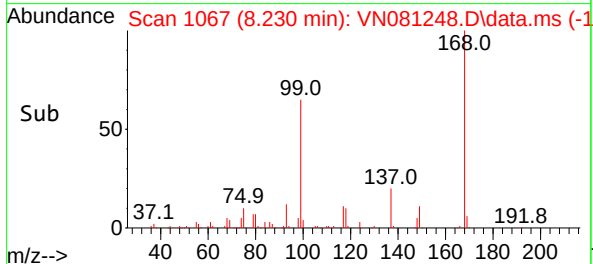
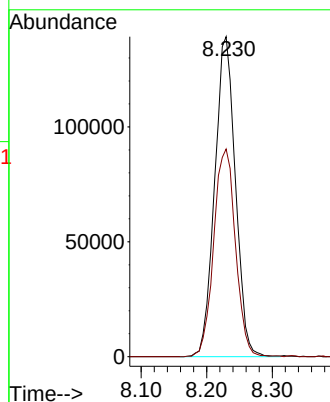
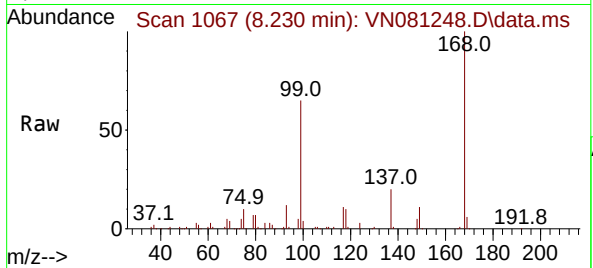




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

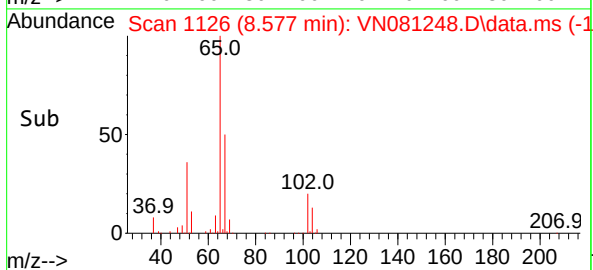
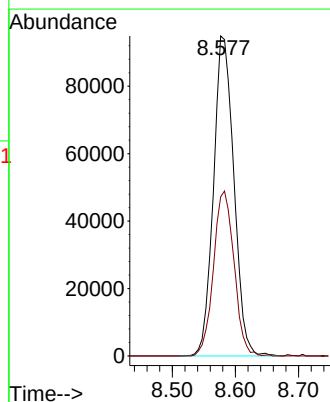
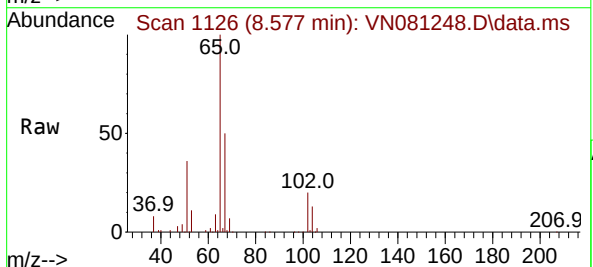
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

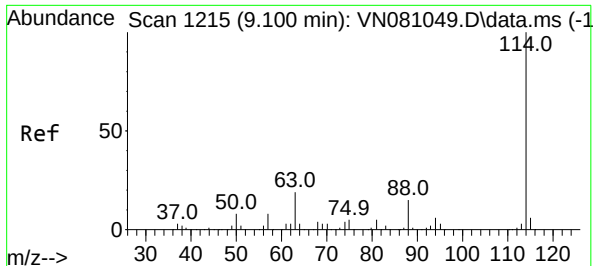
Tgt Ion:168 Resp: 305029
Ion Ratio Lower Upper
168 100
99 64.9 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 65 Resp: 212671
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081248.D

Acq: 28 Feb 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-8-20240223

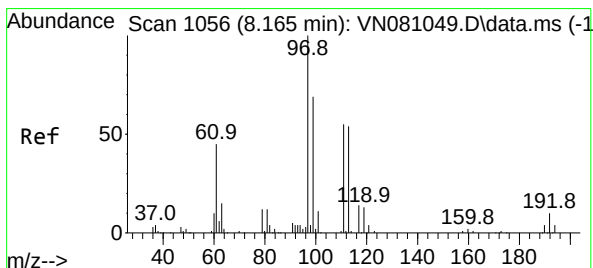
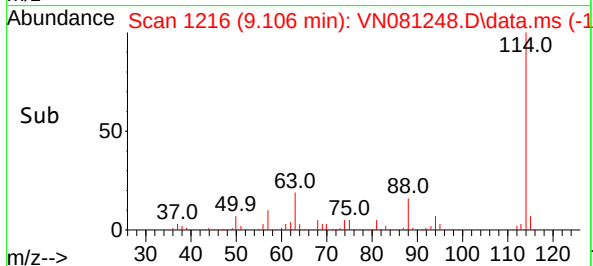
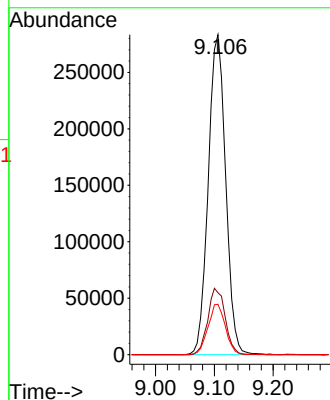
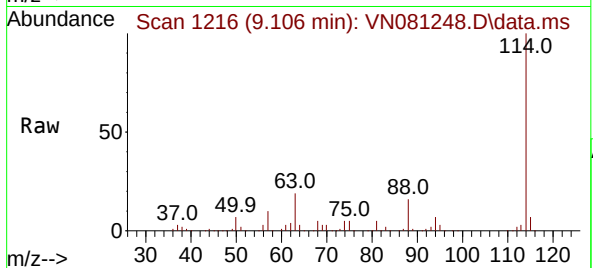
Tgt Ion:114 Resp: 582635

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.177 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081248.D

Acq: 28 Feb 2024 17:17

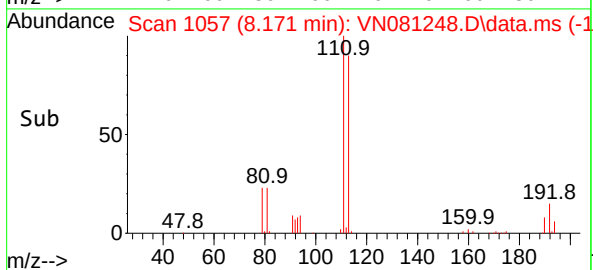
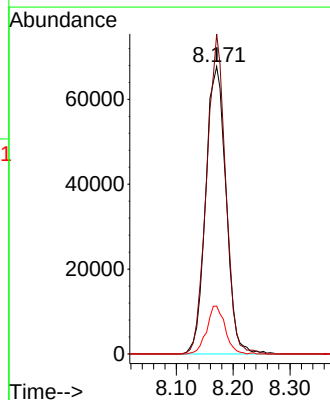
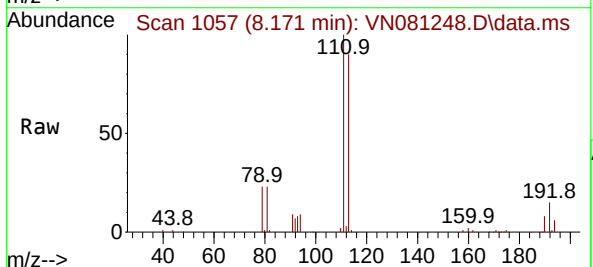
Tgt Ion:113 Resp: 168610

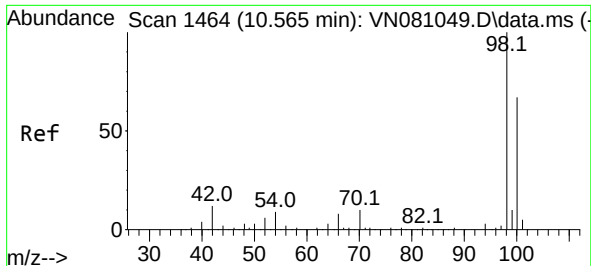
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 15.0 12.5 18.7

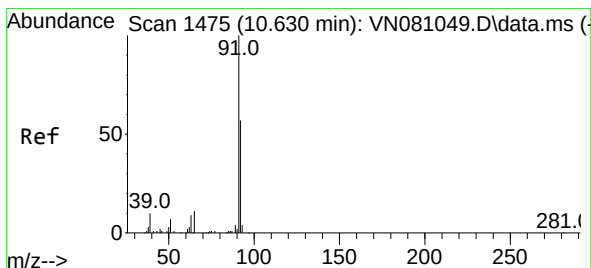
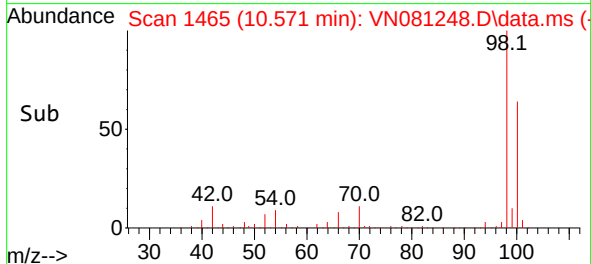
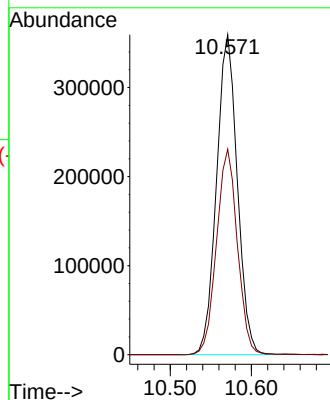
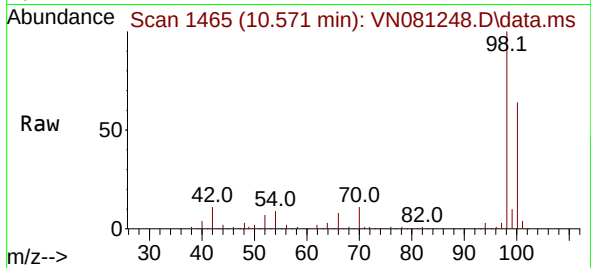




#50
Toluene-d8
Concen: 54.690 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

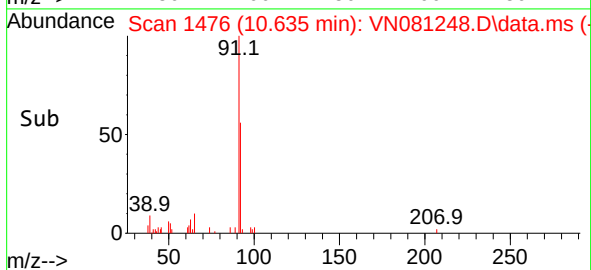
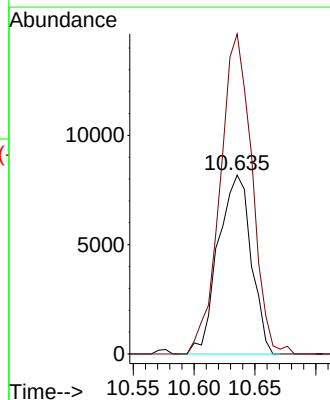
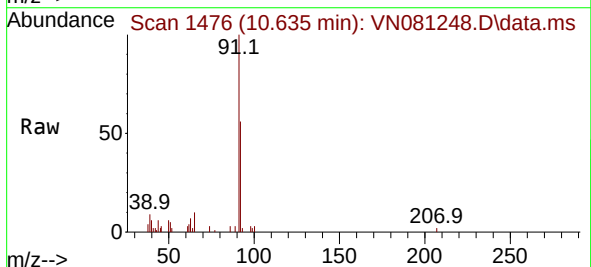
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

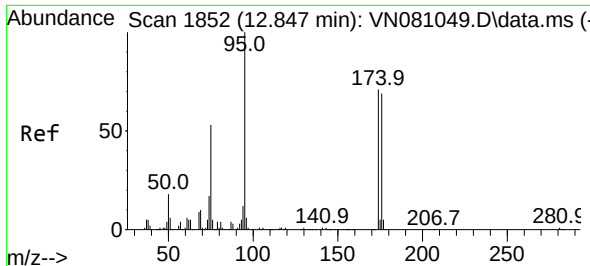
Tgt Ion: 98 Resp: 639966
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#52
Toluene
Concen: 1.492 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 92 Resp: 15434
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0

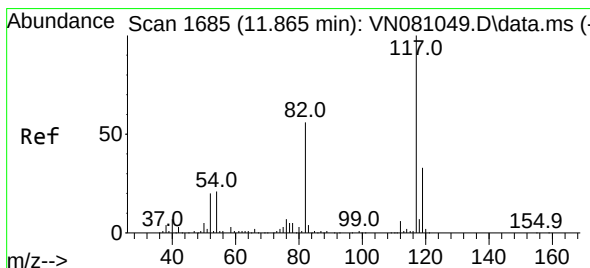
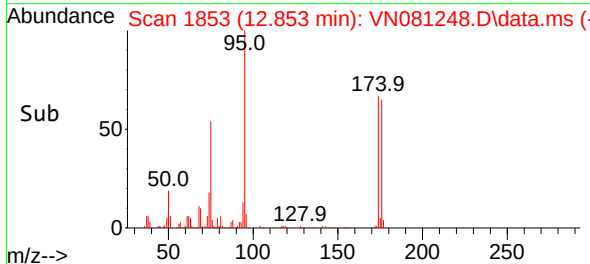
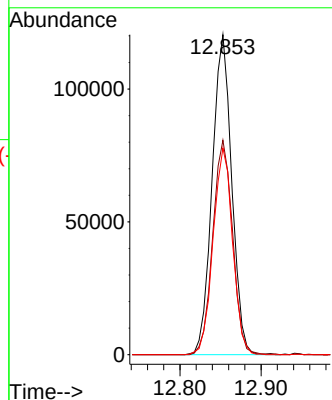
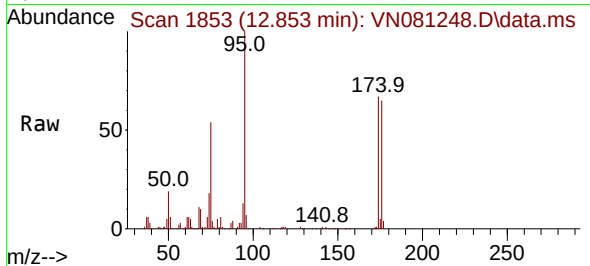




#62
4-Bromofluorobenzene
Concen: 45.816 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

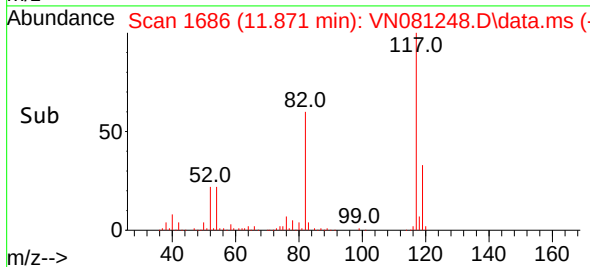
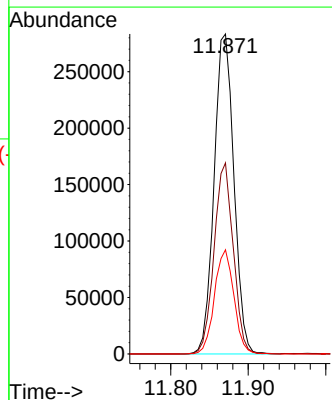
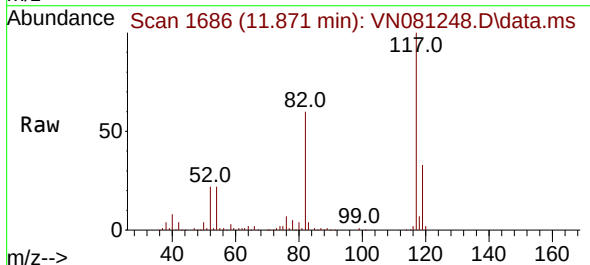
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

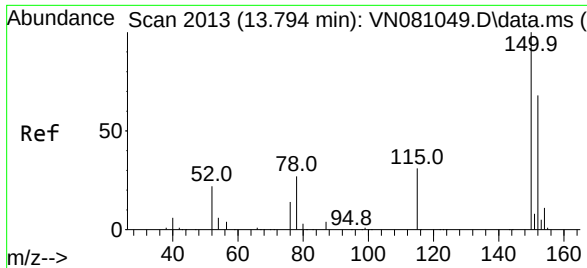
Tgt Ion: 95 Resp: 201448
Ion Ratio Lower Upper
95 100
174 67.9 0.0 120.4
176 64.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

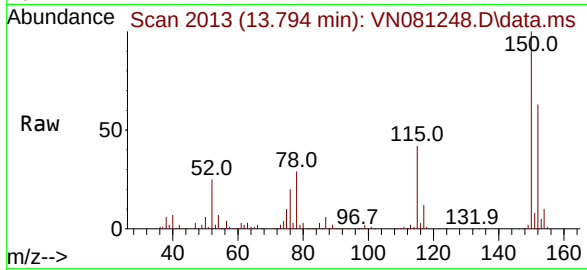
Tgt Ion: 117 Resp: 503843
Ion Ratio Lower Upper
117 100
82 59.7 52.7 79.1
119 32.5 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081248.D
 Acq: 28 Feb 2024 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20240223



Tgt Ion:152 Resp: 191528
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.3 96.8
 150 157.4 0.0 339.8

