

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081169.D
 Acq On : 23 Feb 2024 19:21
 Operator : JC\MD
 Sample : P1576-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-TB-20240222

Quant Time: Feb 23 22:03:57 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	8.224	168	269639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	503093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	437852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168245	50.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.820%
35) Dibromofluoromethane	8.171	113	142184	49.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	10.570	98	448958	44.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.853	95	162540	42.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.620%

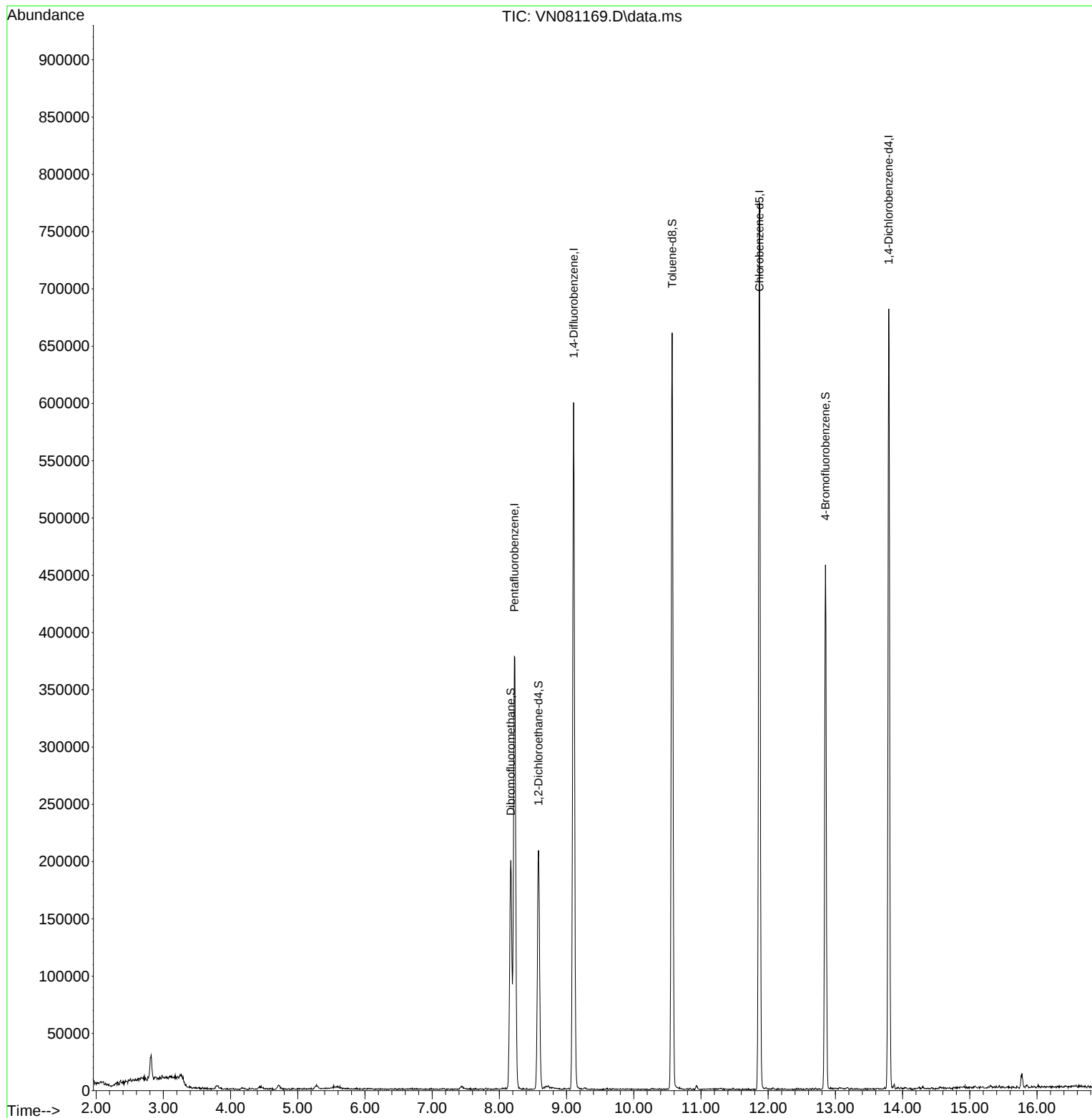
Target Compounds	Qvalue

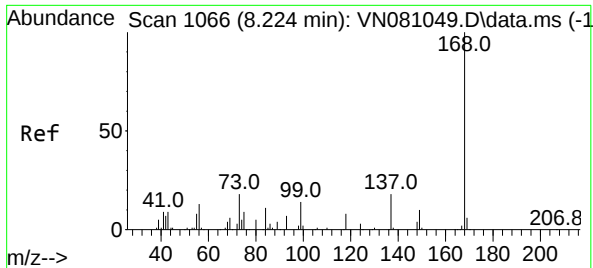
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081169.D
Acq On : 23 Feb 2024 19:21
Operator : JC\MD
Sample : P1576-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

Quant Time: Feb 23 22:03:57 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

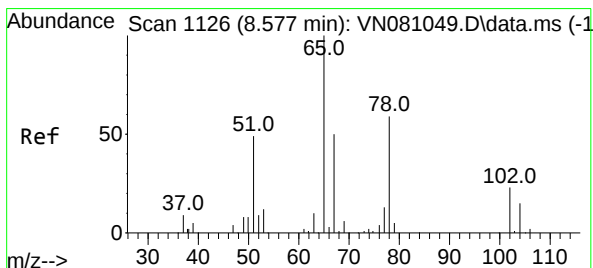
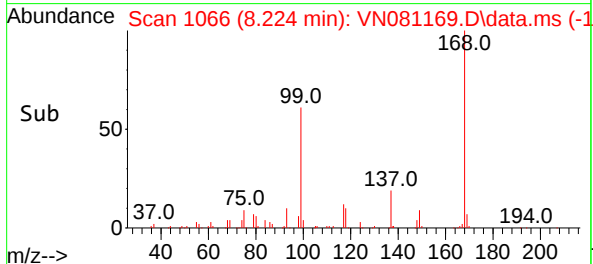
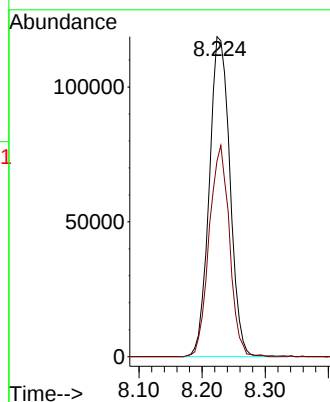
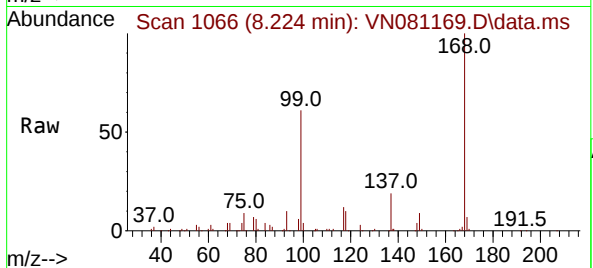




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

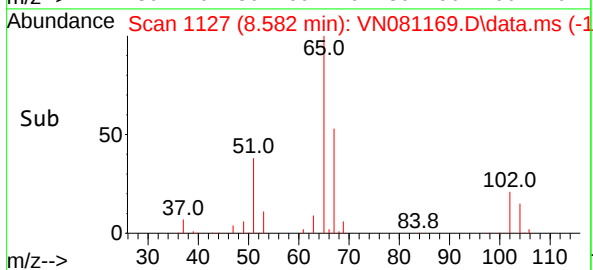
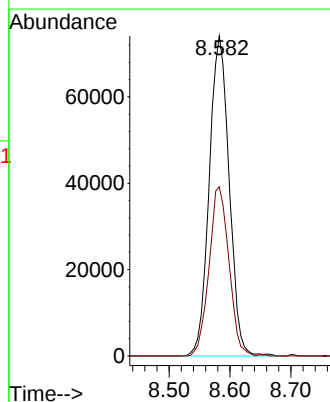
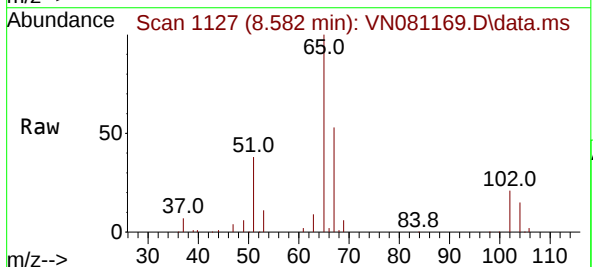
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

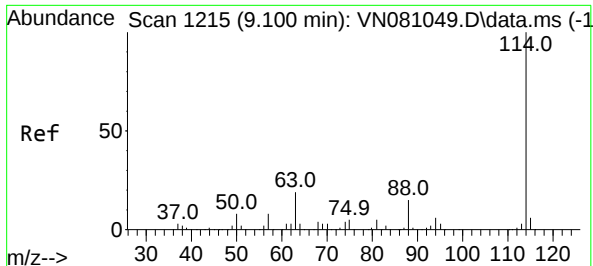
Tgt Ion:168 Resp: 269639
Ion Ratio Lower Upper
168 100
99 61.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 50.906 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 65 Resp: 168245
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081169.D

Acq: 23 Feb 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-TB-20240222

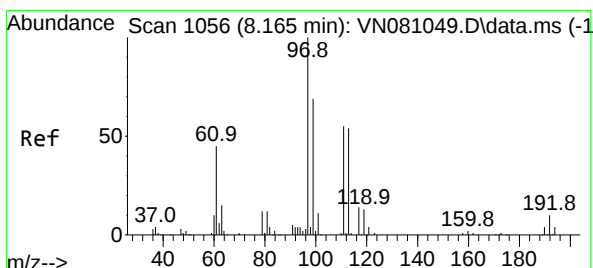
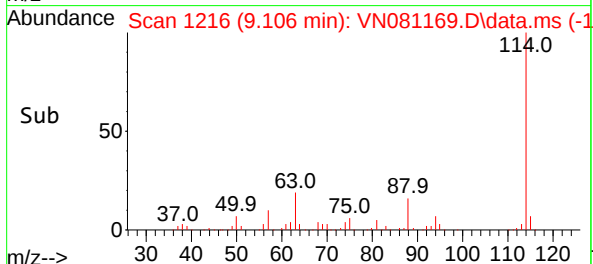
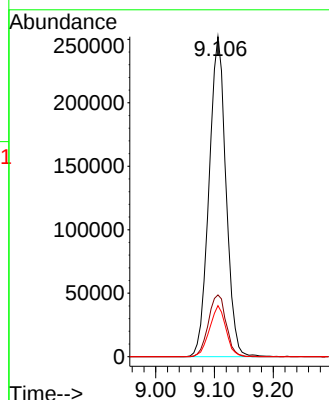
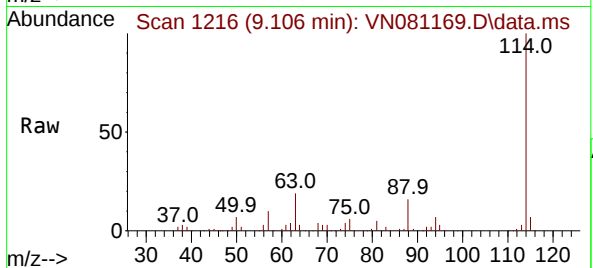
Tgt Ion:114 Resp: 503093

Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 16.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.980 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081169.D

Acq: 23 Feb 2024 19:21

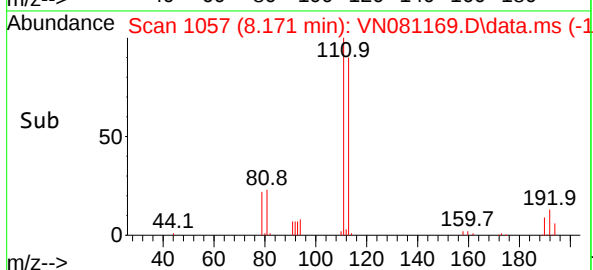
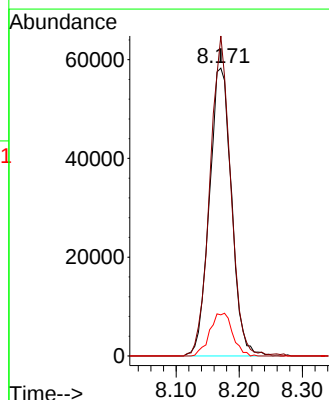
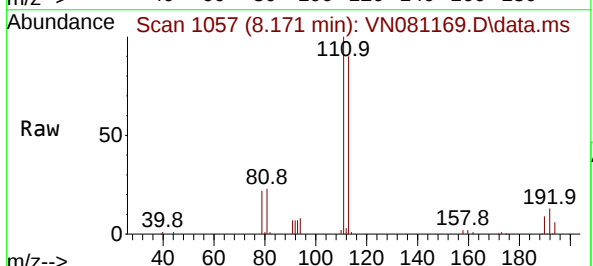
Tgt Ion:113 Resp: 142184

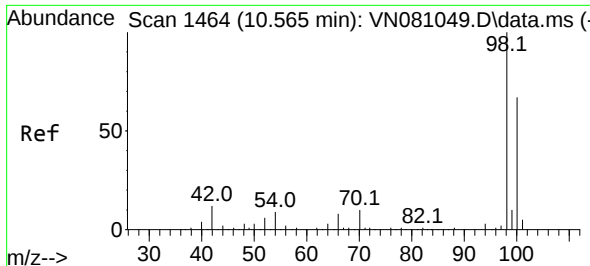
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 15.2 12.5 18.7

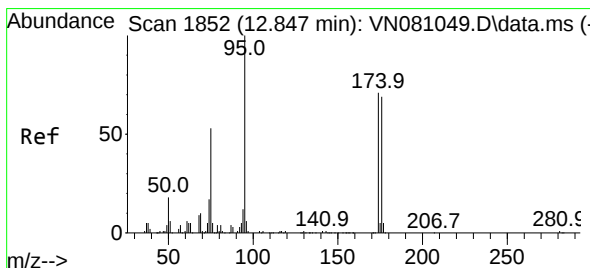
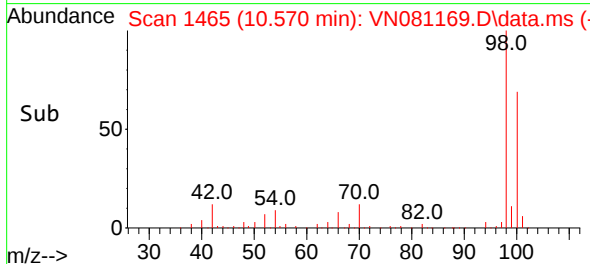
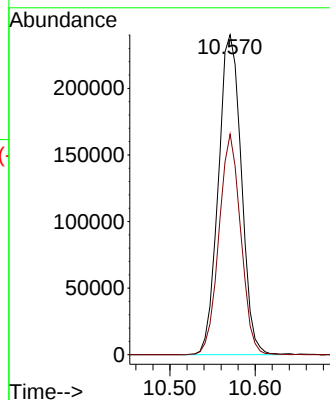
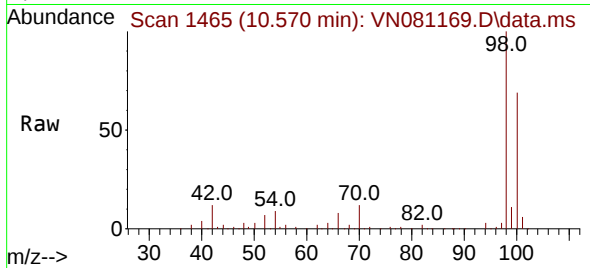




#50
Toluene-d8
Concen: 44.433 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

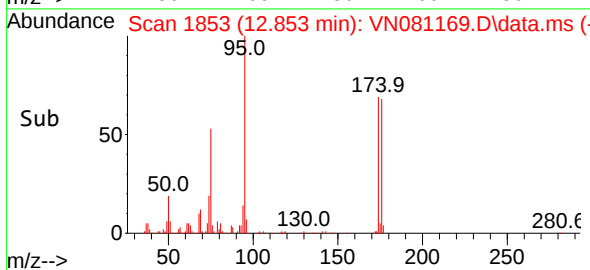
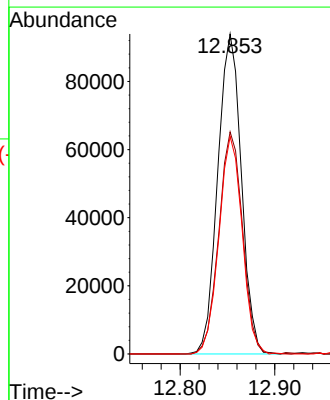
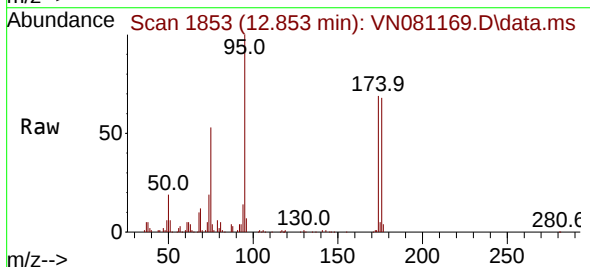
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

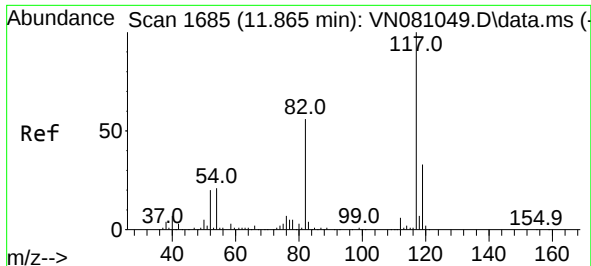
Tgt Ion: 98 Resp: 448958
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.811 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 95 Resp: 162540
Ion Ratio Lower Upper
95 100
174 69.9 0.0 120.4
176 67.1 0.0 121.0

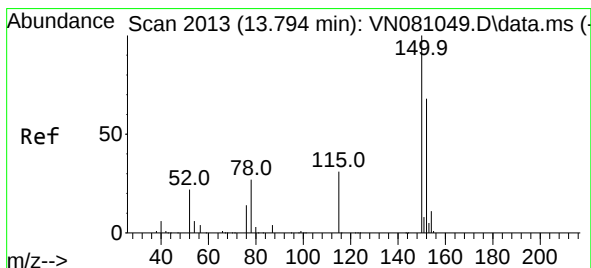
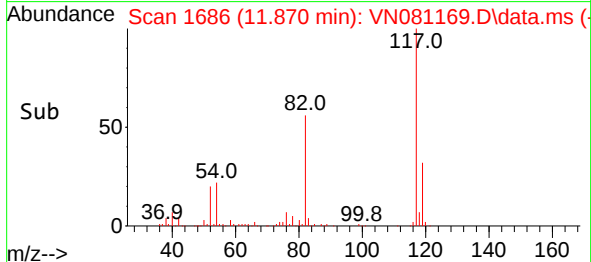
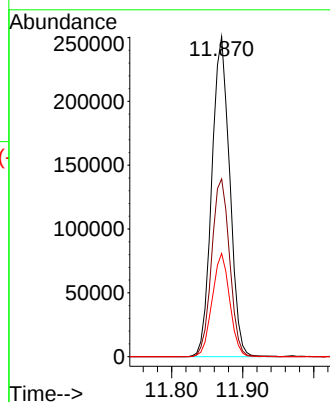
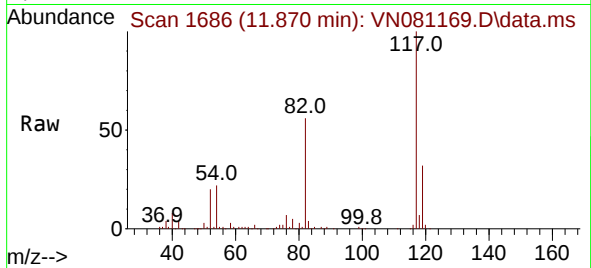




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

Tgt Ion:117 Resp: 437852
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion:152 Resp: 173171
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 157.4 0.0 339.8

