

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082838.D
 Acq On : 09 Jul 2024 14:33
 Operator : JC\MD
 Sample : P3173-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240703

Quant Time: Jul 10 01:20:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	107476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	196420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	81802	54.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.600%
35) Dibromofluoromethane	8.171	113	65646	50.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.570	98	233922	49.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	76597	44.733	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.460%

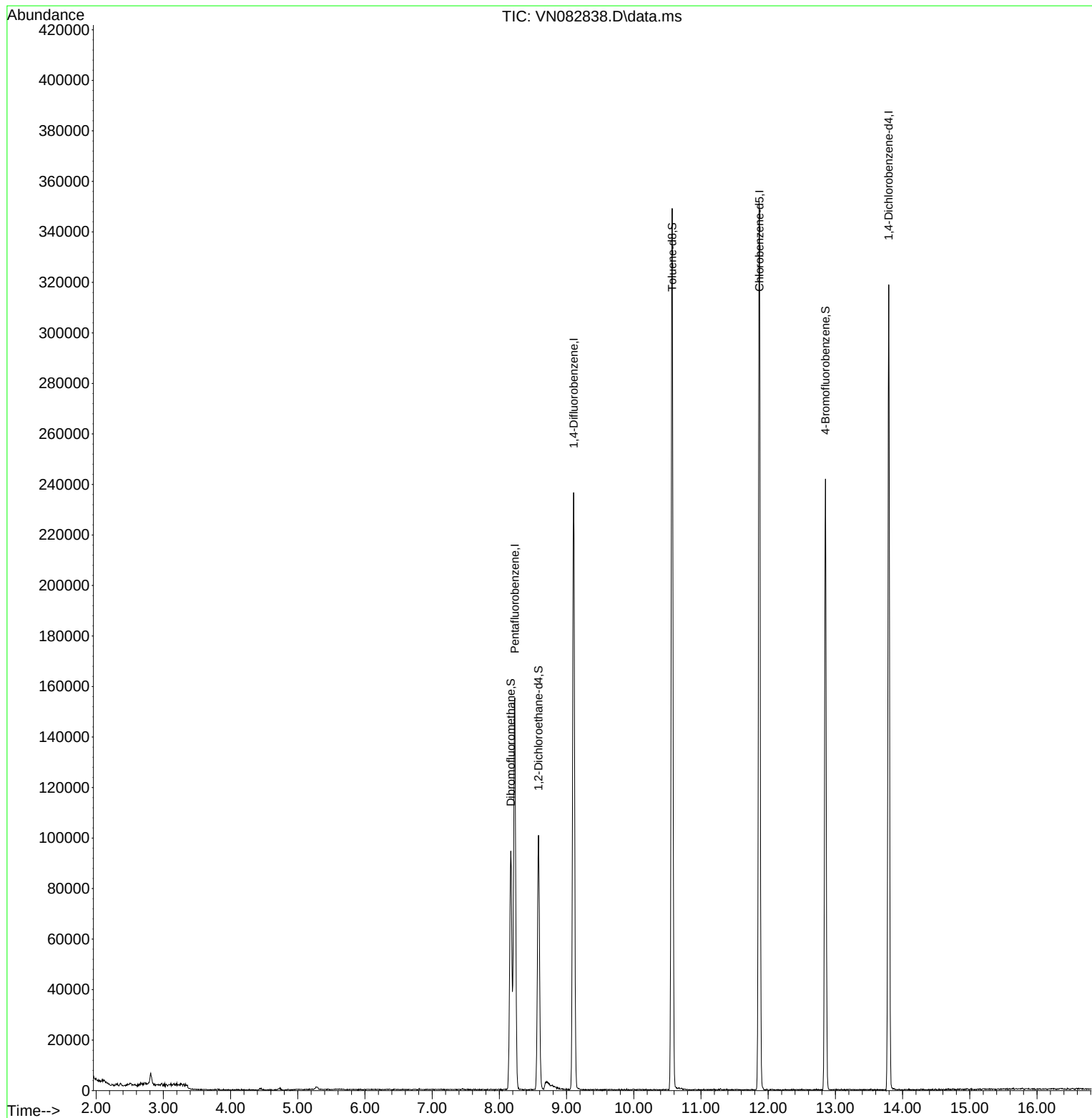
Target Compounds	Qvalue

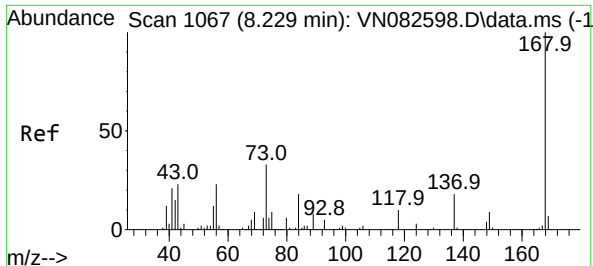
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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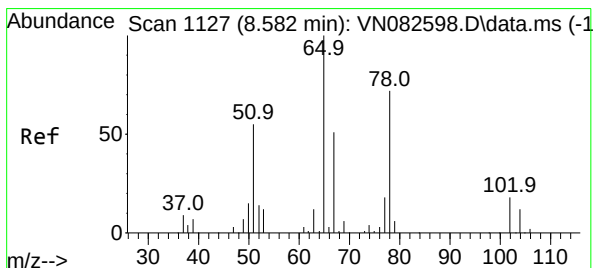
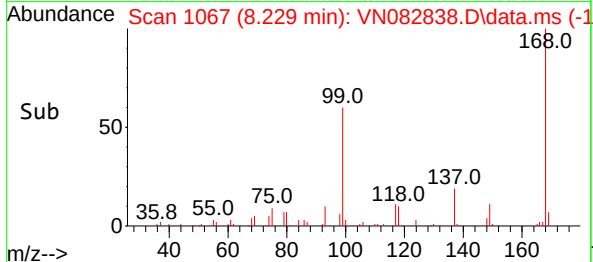
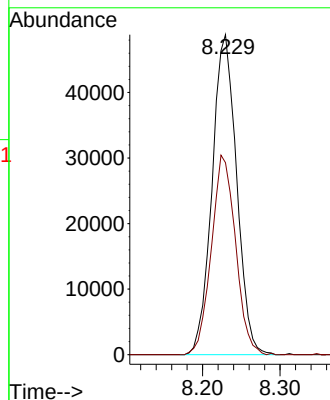
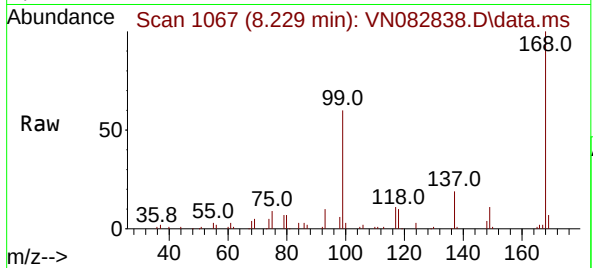




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

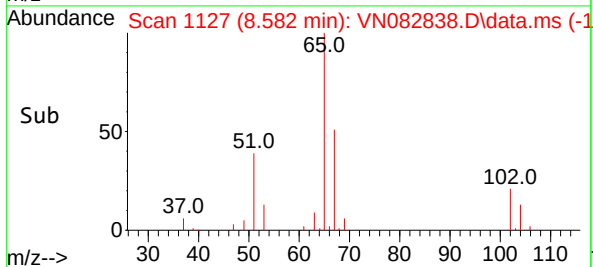
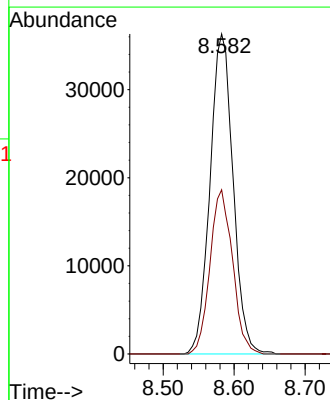
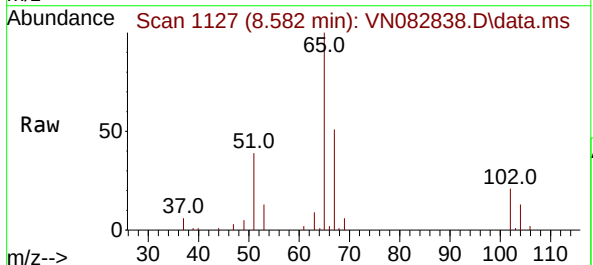
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240703

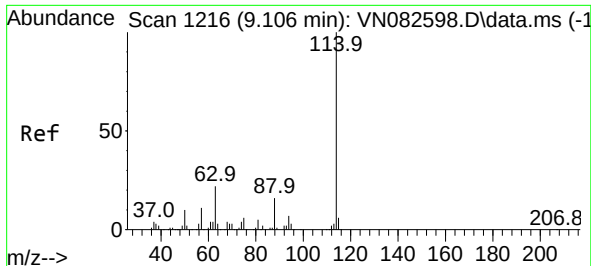
Tgt Ion:168 Resp: 107476
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.296 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

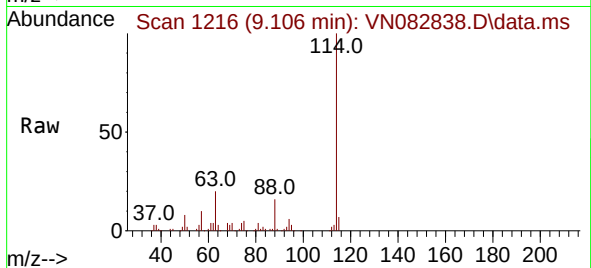
Tgt Ion: 65 Resp: 81802
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4



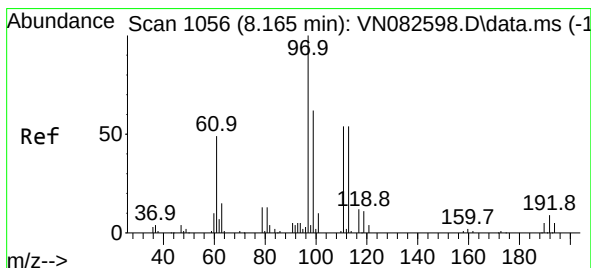
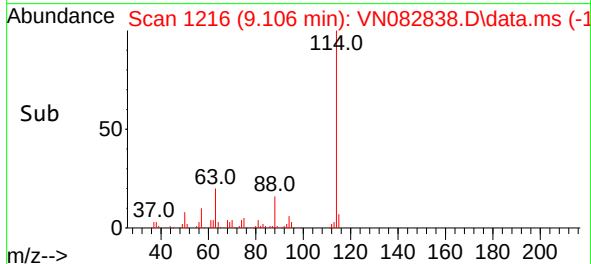
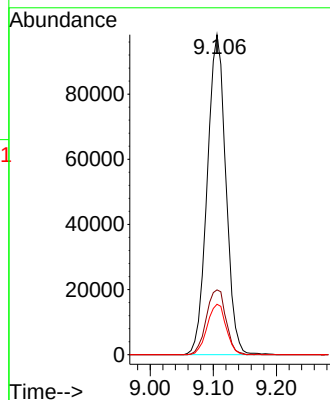


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Instrument :
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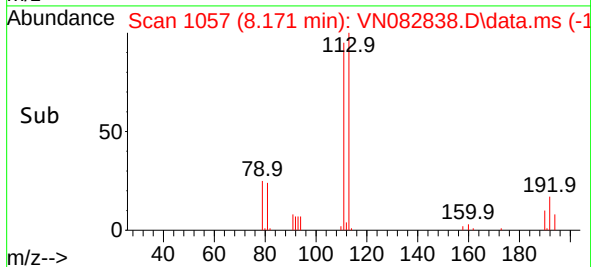
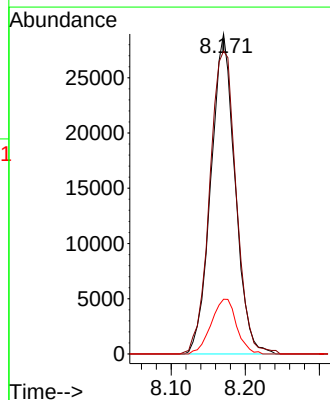
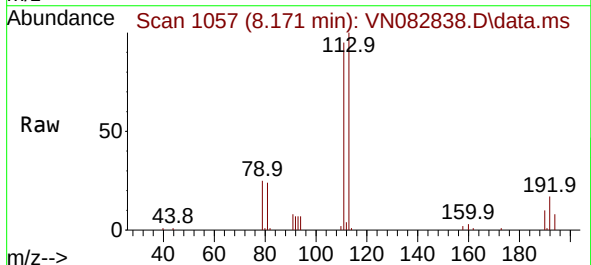


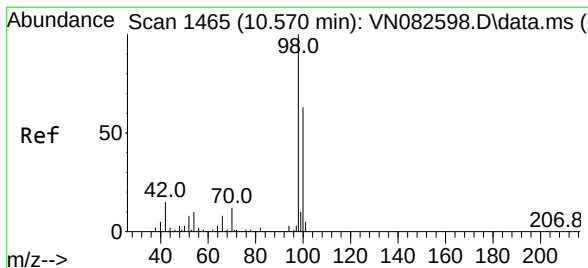
Tgt Ion:114 Resp: 201136
Ion Ratio Lower Upper
114 100
63 20.3 0.0 44.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion:113 Resp: 65646
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.0 14.9 22.3

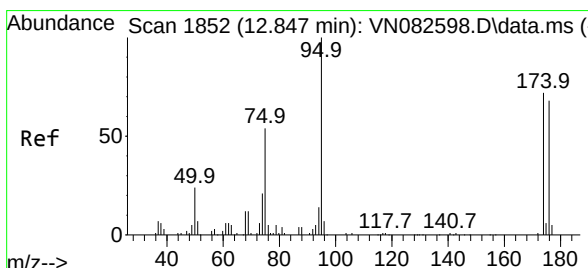
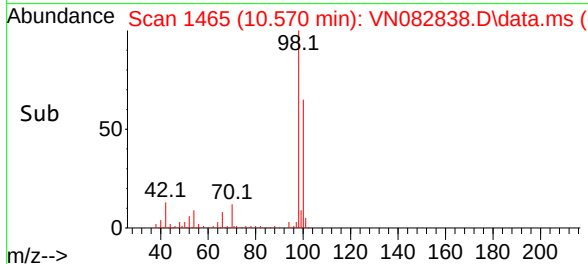
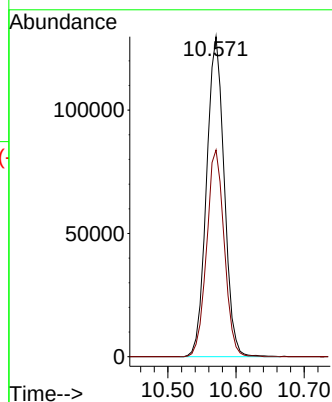
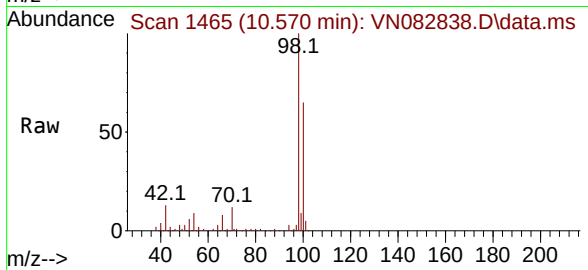




#50
Toluene-d8
Concen: 49.072 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

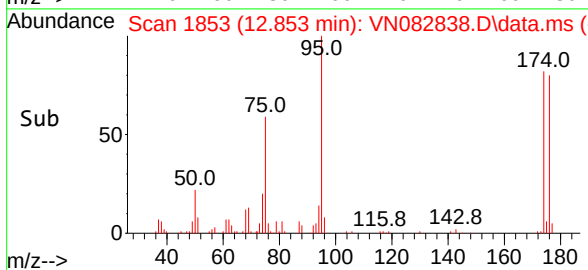
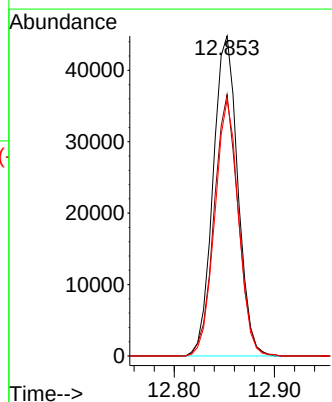
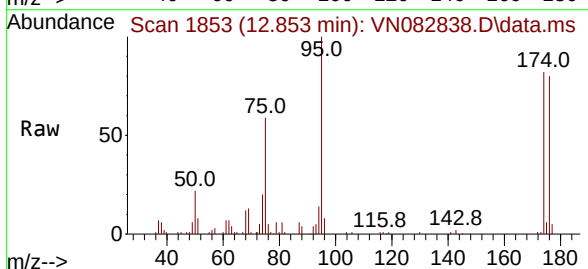
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240703

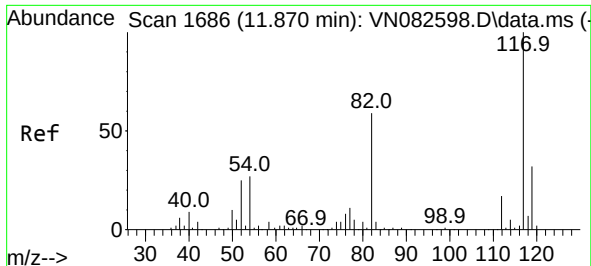
Tgt Ion: 98 Resp: 233922
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.733 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion: 95 Resp: 76597
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 76.9 0.0 147.6

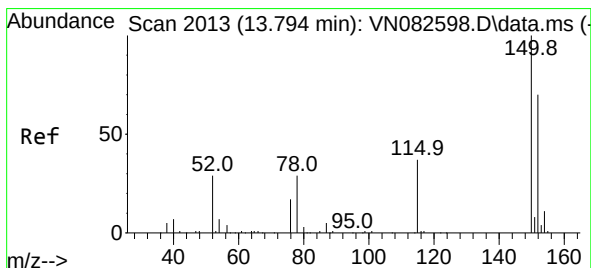
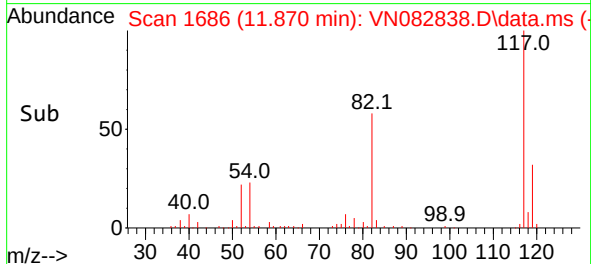
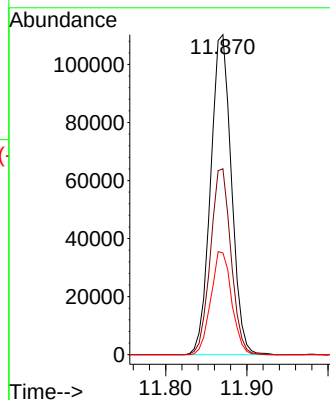
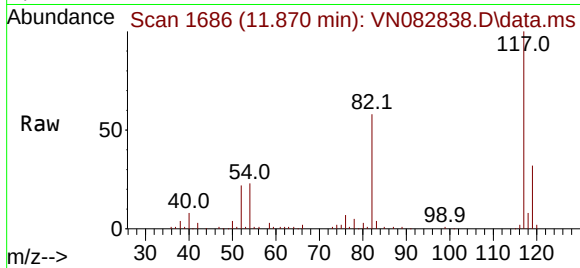




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240703

Tgt Ion:117 Resp: 196420
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion:152 Resp: 81927
Ion Ratio Lower Upper
152 100
115 62.1 30.6 91.6
150 157.0 0.0 348.6

