

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082958.D
 Acq On : 17 Jul 2024 13:09
 Operator : JC\MD
 Sample : P3256-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240712

Quant Time: Jul 17 13:28:31 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	8.230	168	105945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	206751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84604	56.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.940%
35) Dibromofluoromethane	8.171	113	70525	53.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.320%
50) Toluene-d8	10.571	98	243485	49.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.853	95	79655	45.255	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.520%

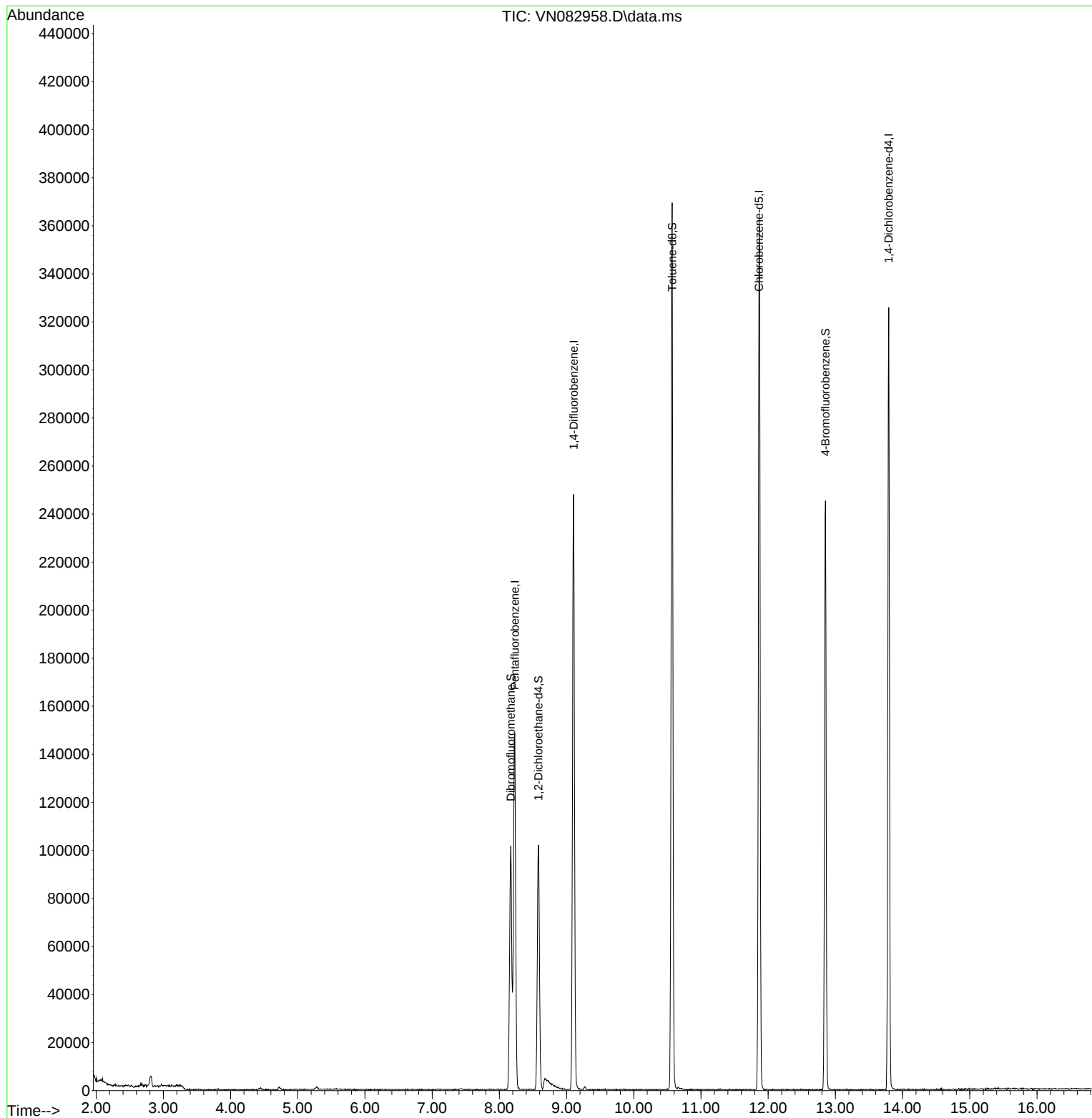
Target Compounds	Qvalue

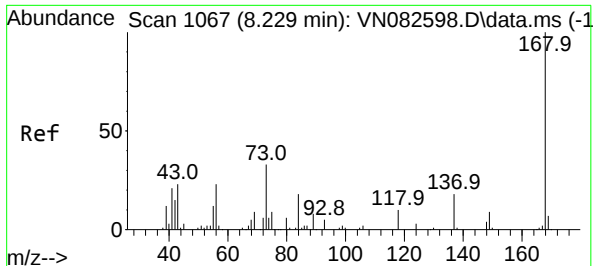
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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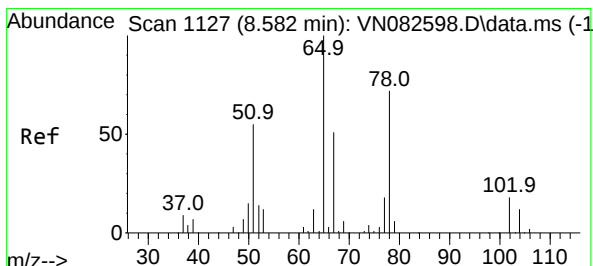
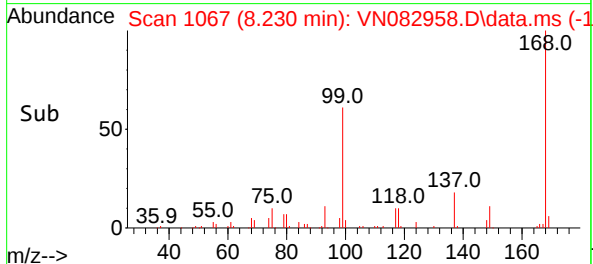
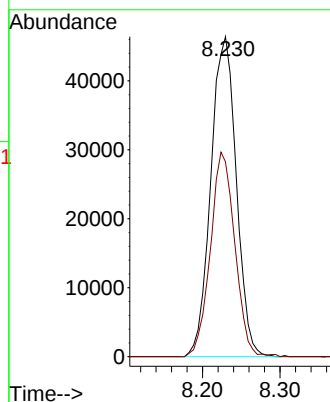
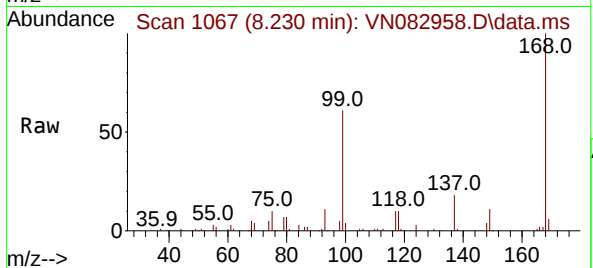




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

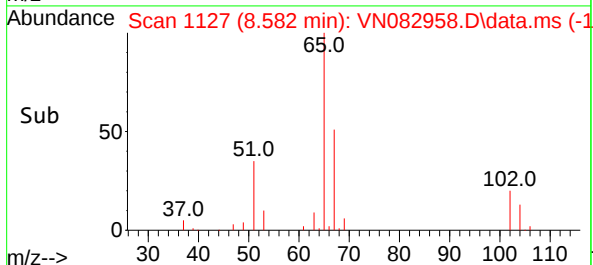
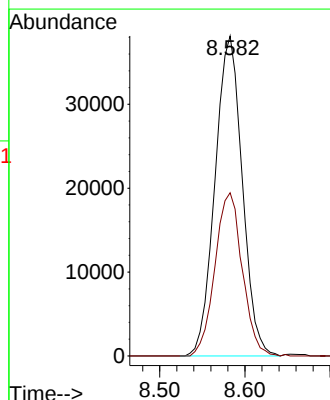
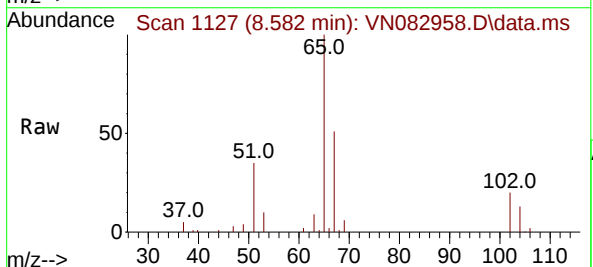
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

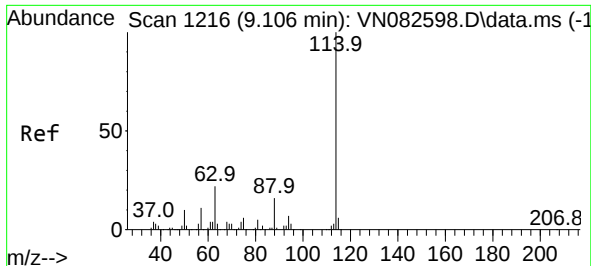
Tgt Ion:168 Resp: 105945
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.967 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

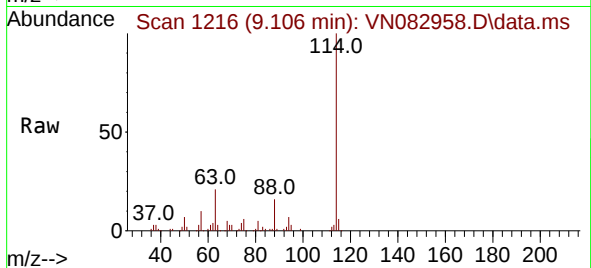
Tgt Ion: 65 Resp: 84604
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4



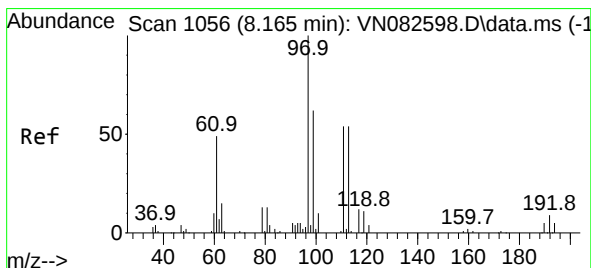
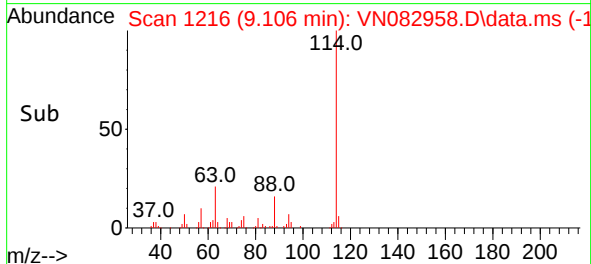
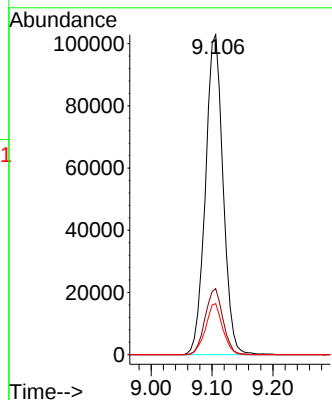


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
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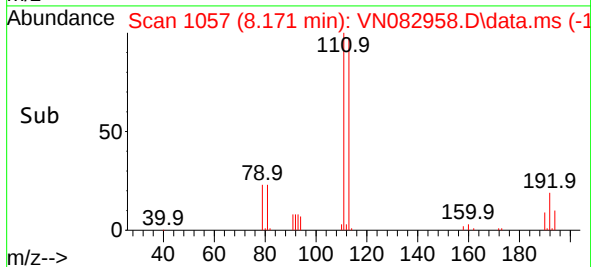
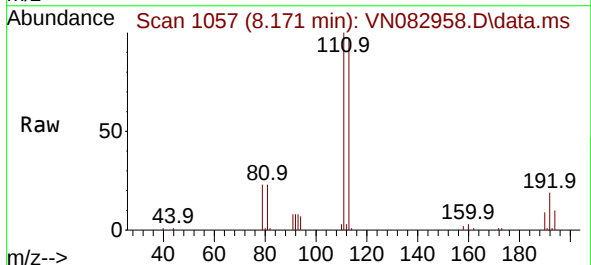
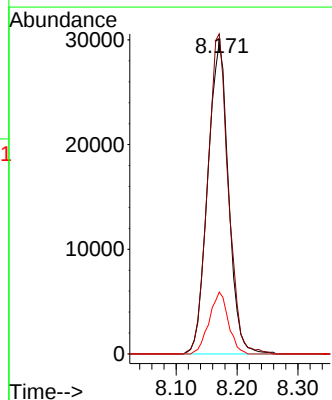


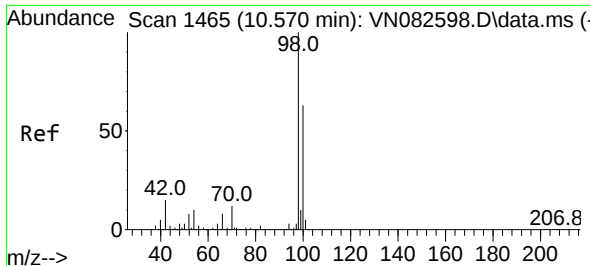
Tgt Ion:114 Resp: 206751
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.159 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion:113 Resp: 70525
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.3 14.9 22.3

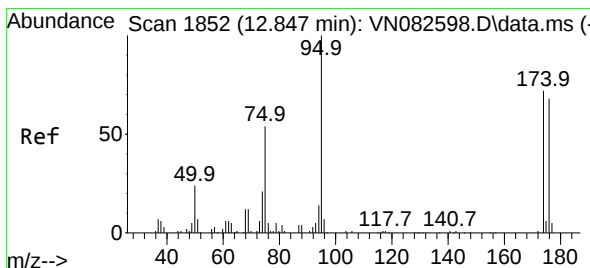
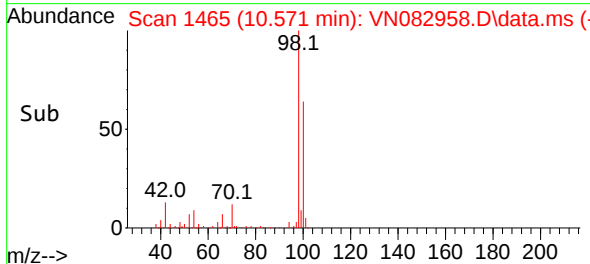
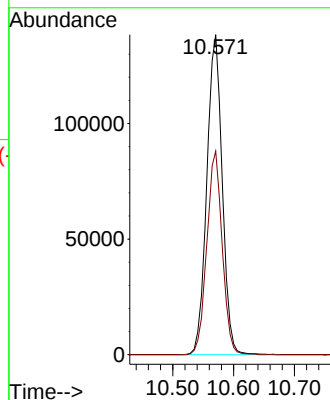
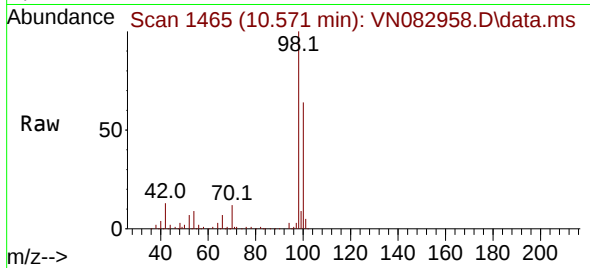




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

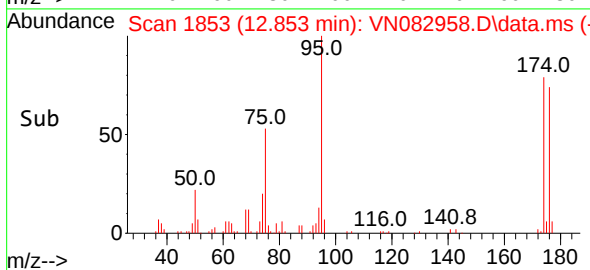
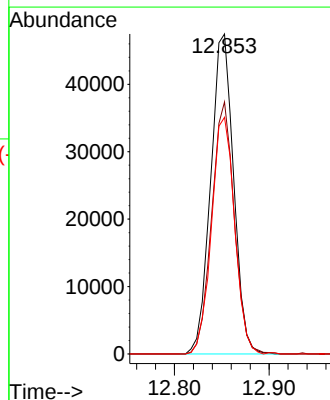
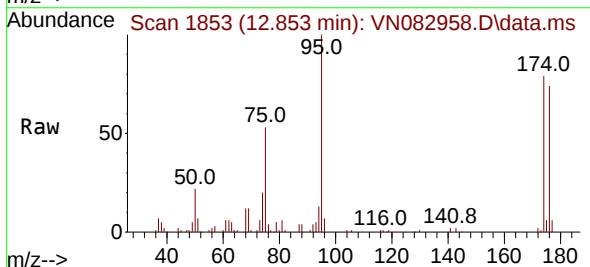
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

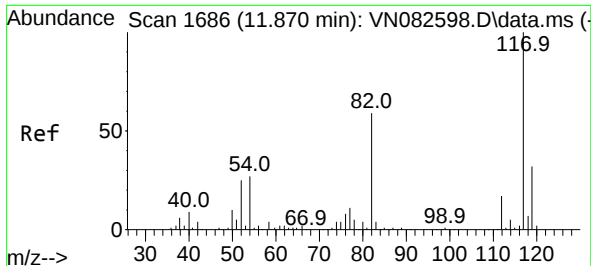
Tgt Ion: 98 Resp: 243485
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.255 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion: 95 Resp: 79655
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.2
176 74.9 0.0 147.6

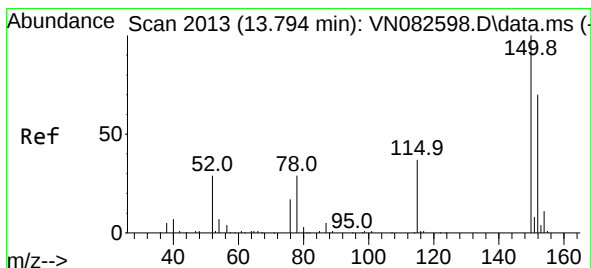
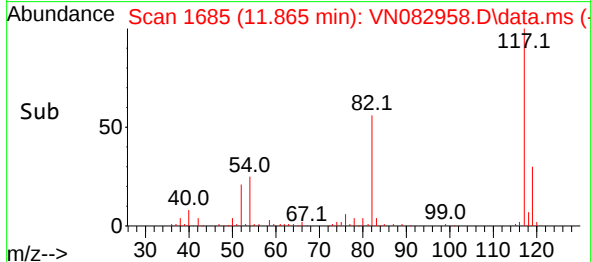
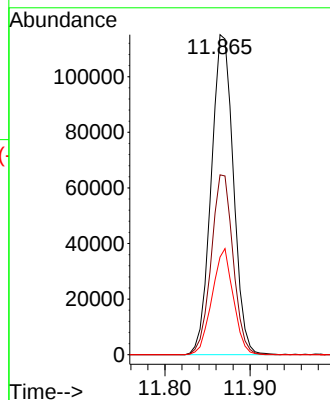
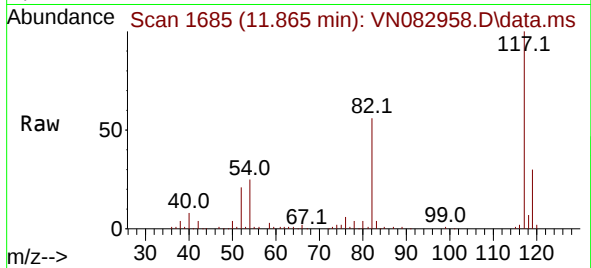




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

Tgt Ion:117 Resp: 208553
Ion Ratio Lower Upper
117 100
82 56.2 47.5 71.3
119 30.5 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: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion:152 Resp: 84571
Ion Ratio Lower Upper
152 100
115 60.4 30.6 91.6
150 157.1 0.0 348.6

