

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082580.D
 Acq On : 14 Jun 2024 14:01
 Operator : JC\MD
 Sample : P2890-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240611

Quant Time: Jun 14 23:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	292198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133573	52.987	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.980%
35) Dibromofluoromethane	8.171	113	98665	54.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.120%
50) Toluene-d8	10.571	98	357533	51.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.853	95	118769	47.556	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.120%

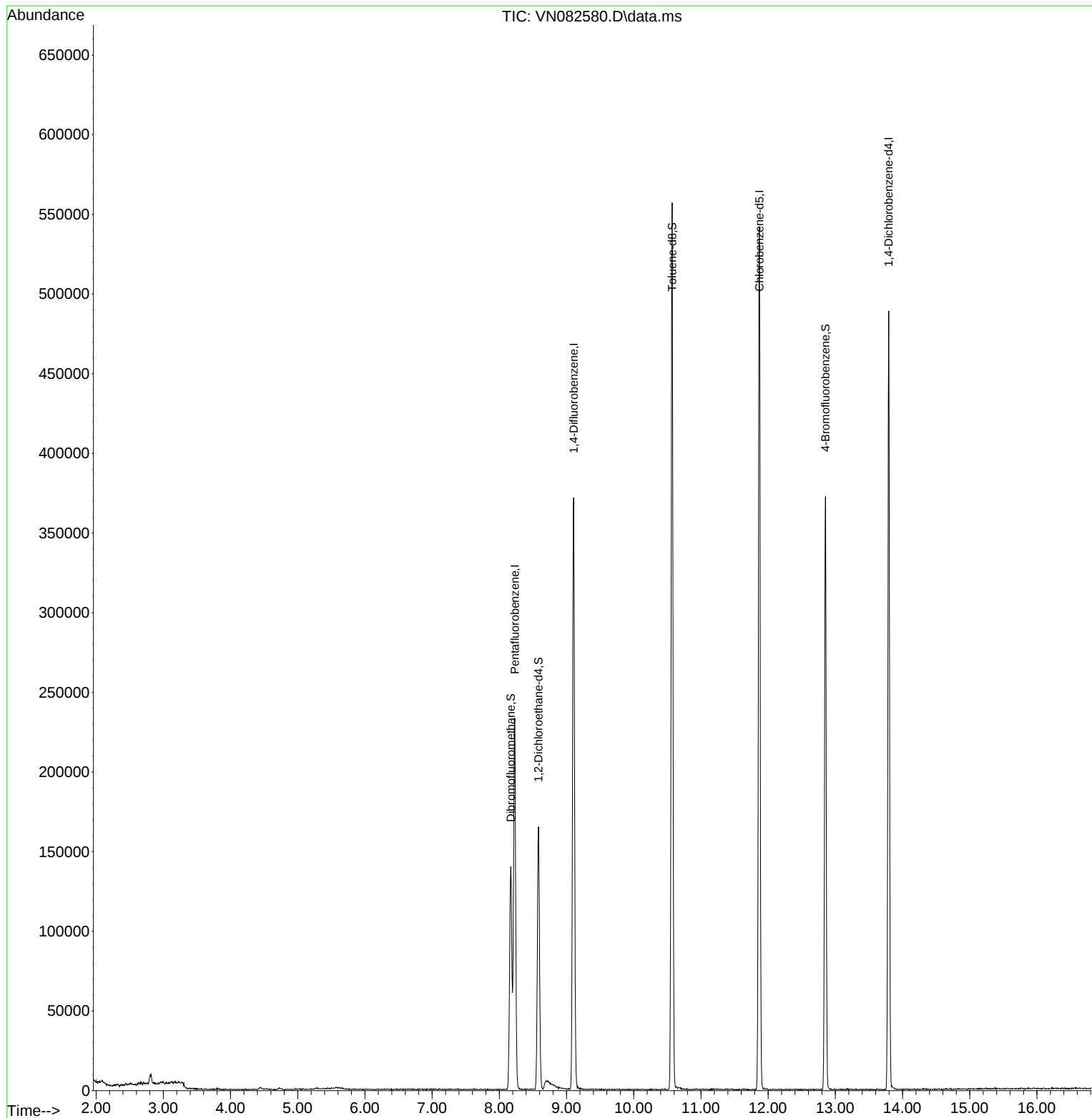
Target Compounds	Qvalue

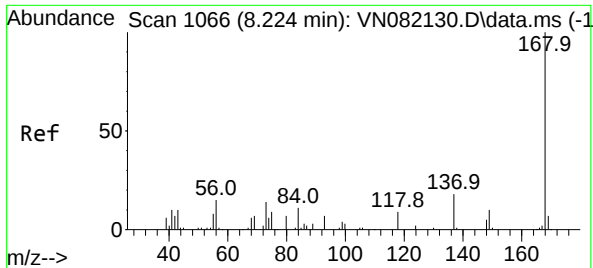
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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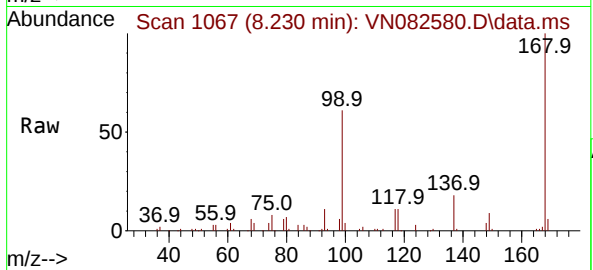
Quant Time: Jun 14 23:45:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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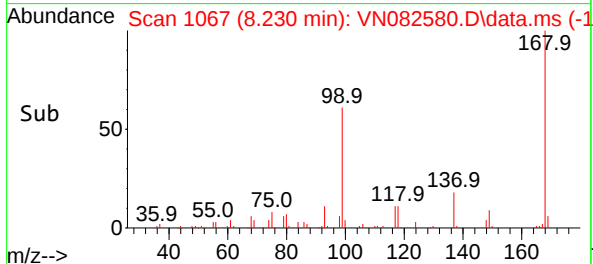
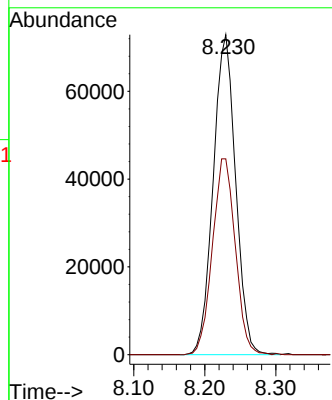


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

Instrument :
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ClientSampleId :
BP-VPB-189-TB-20240611

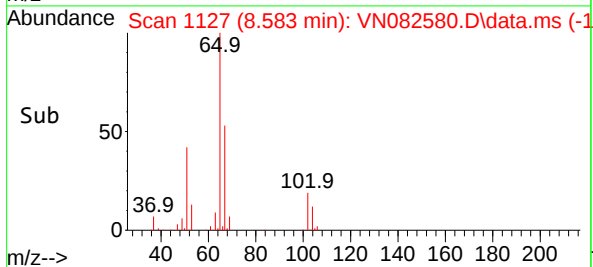
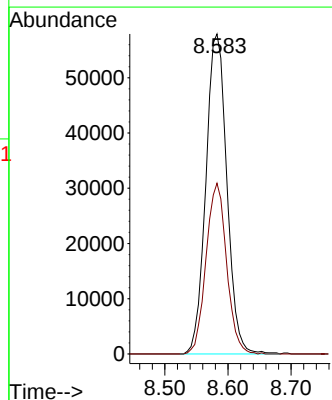
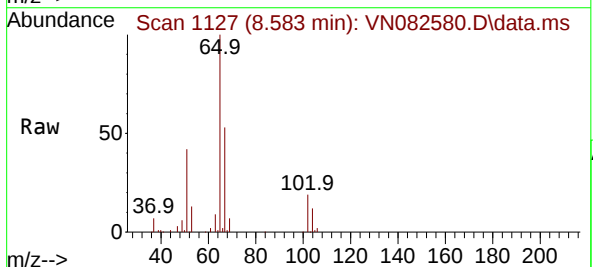


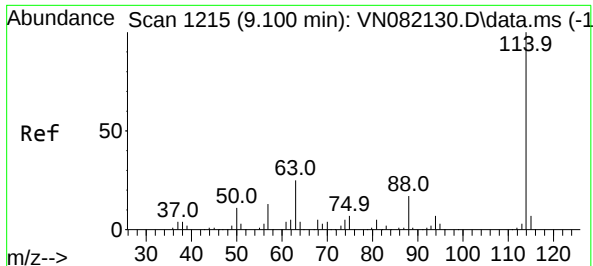
Tgt Ion:168 Resp: 159647
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.987 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

Tgt Ion: 65 Resp: 133573
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

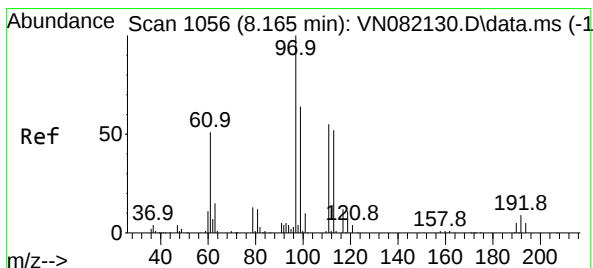
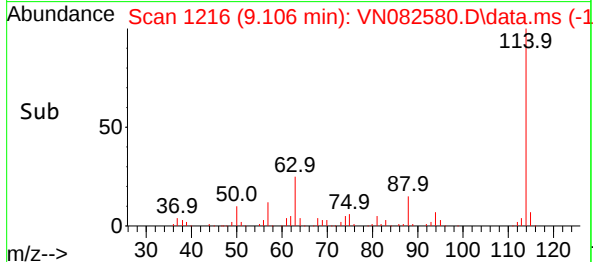
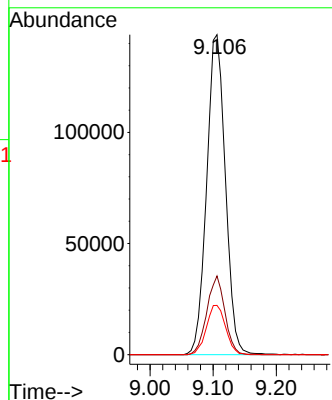
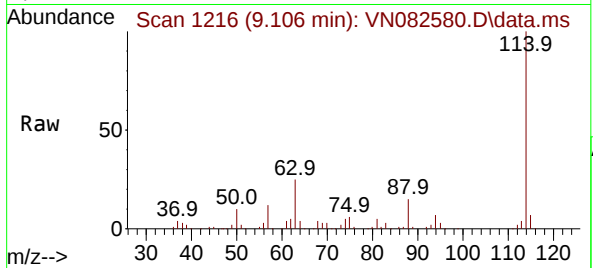




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

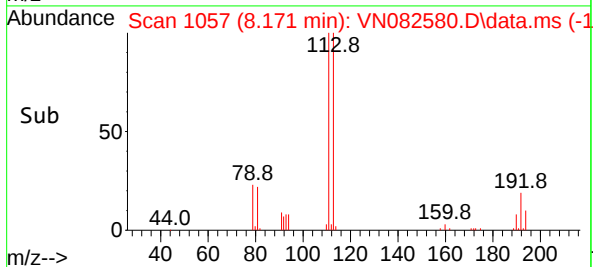
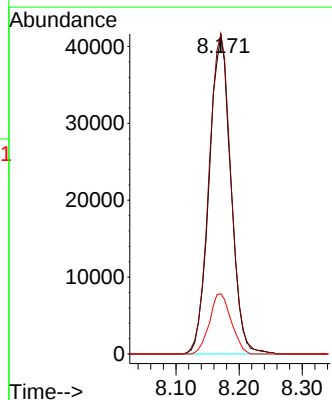
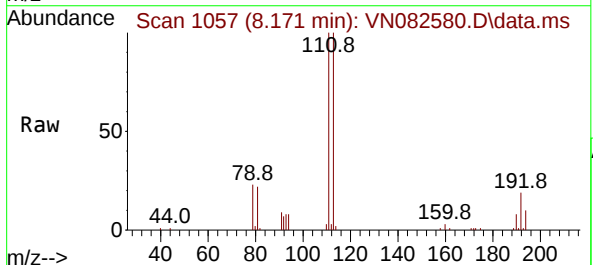
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240611

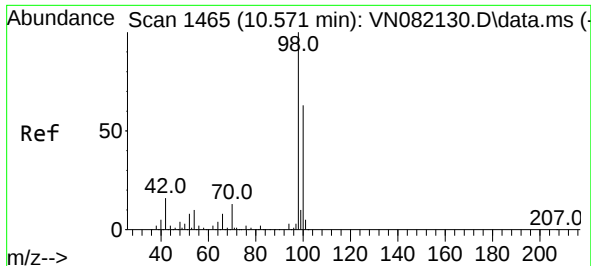
Tgt Ion:114 Resp: 296686
Ion Ratio Lower Upper
114 100
63 24.6 0.0 41.0
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.061 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

Tgt Ion:113 Resp: 98665
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 18.9 14.0 21.0

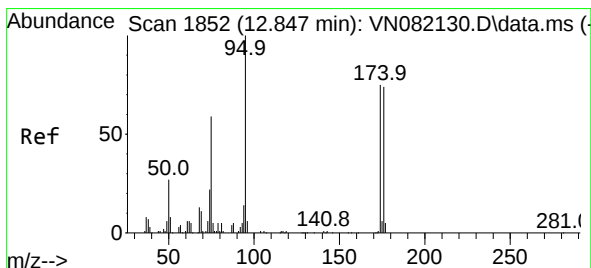
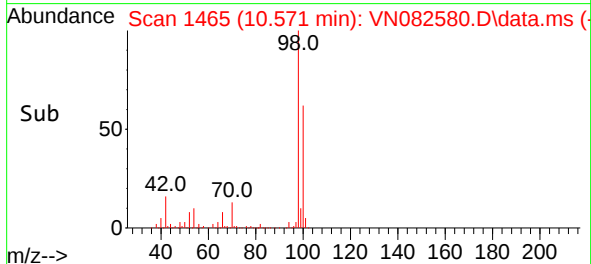
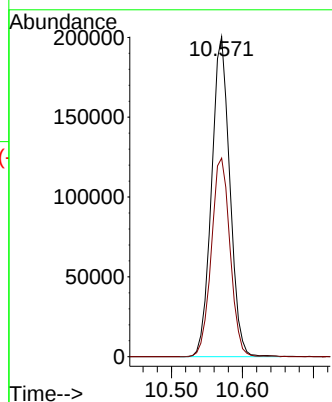
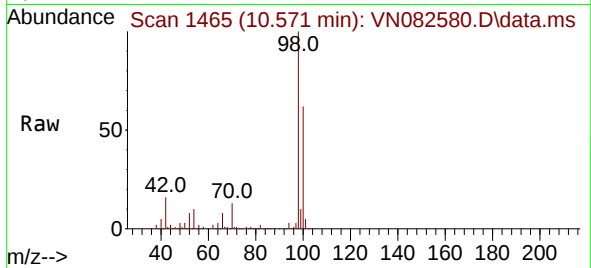




#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

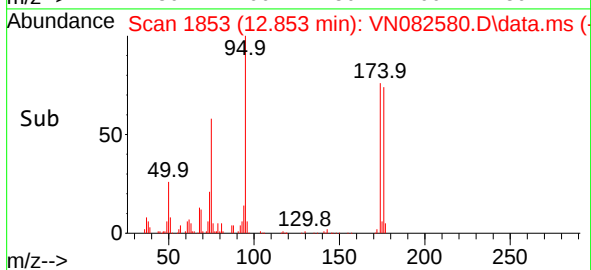
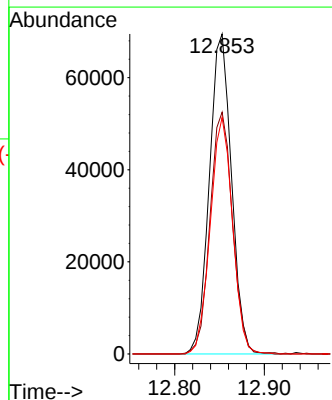
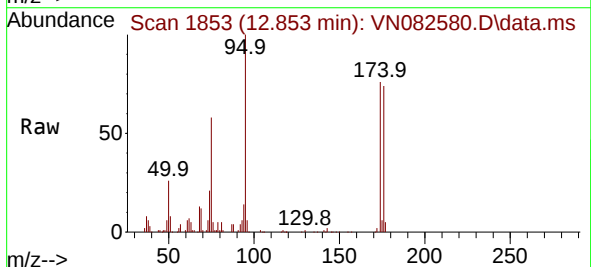
Instrument :
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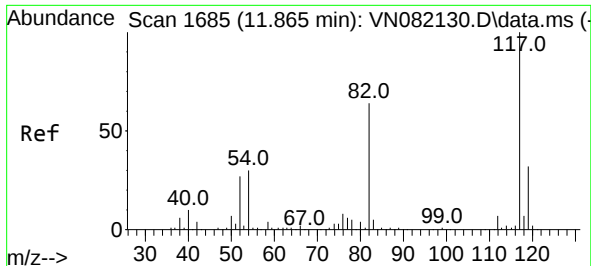
Tgt Ion: 98 Resp: 357533
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.556 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

Tgt Ion: 95 Resp: 118769
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 74.3 0.0 152.8

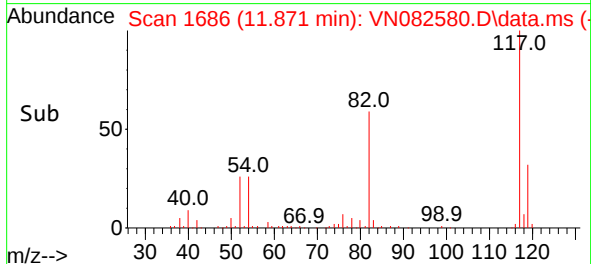
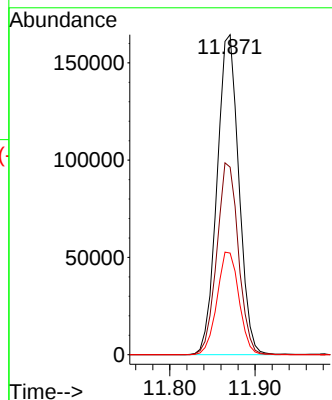
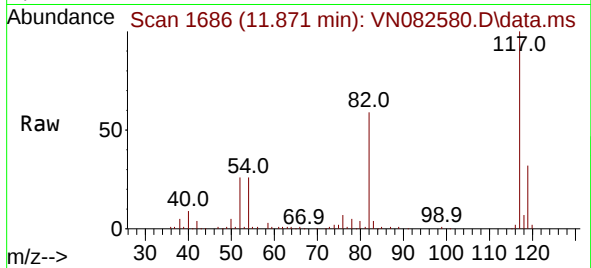




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240611

Tgt Ion:117 Resp: 292198
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082580.D
Acq: 14 Jun 2024 14:01

Tgt Ion:152 Resp: 121169
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 158.1 0.0 353.2

