

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082535.D
 Acq On : 12 Jun 2024 17:47
 Operator : JC\MD
 Sample : P2838-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-300-302

Quant Time: Jun 12 18:38:54 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	159053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132063	52.584	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.160%
35) Dibromofluoromethane	8.165	113	98119	54.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.560%
50) Toluene-d8	10.571	98	358850	51.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.853	95	119671	48.383	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.760%

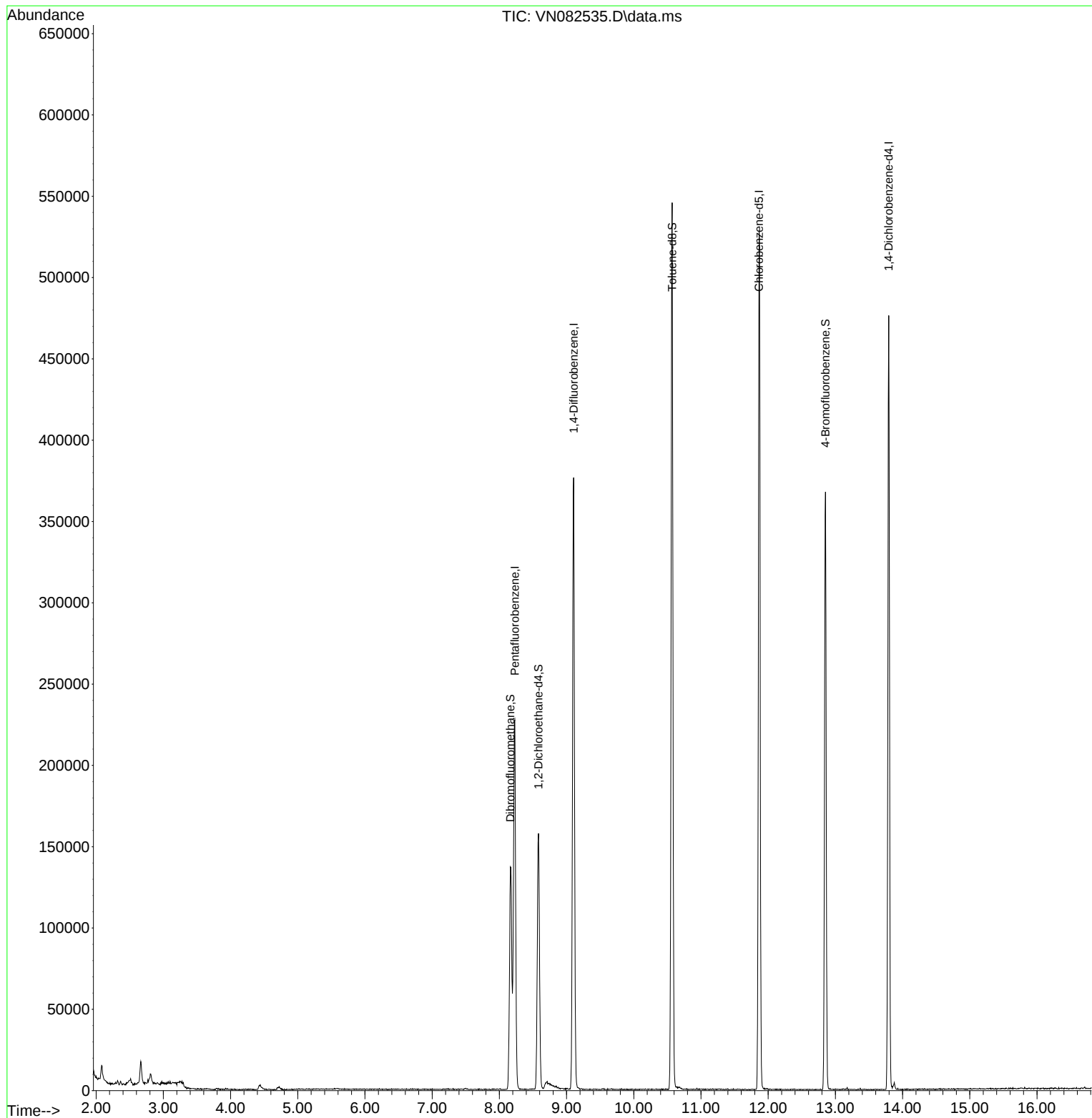
Target Compounds	Qvalue

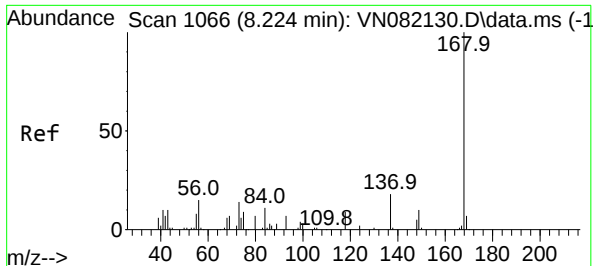
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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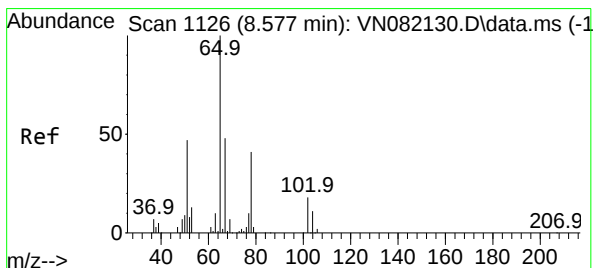
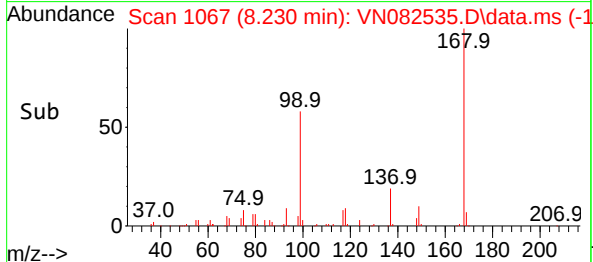
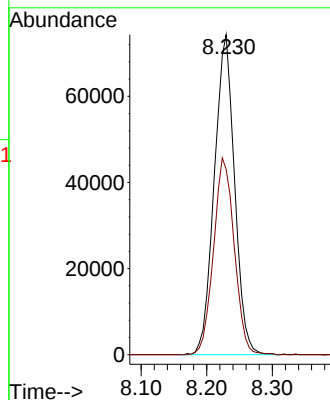
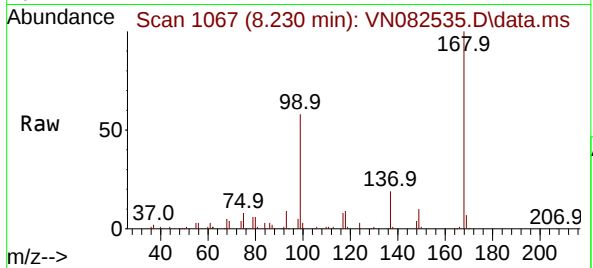




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

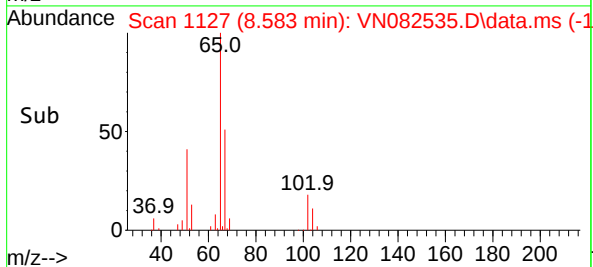
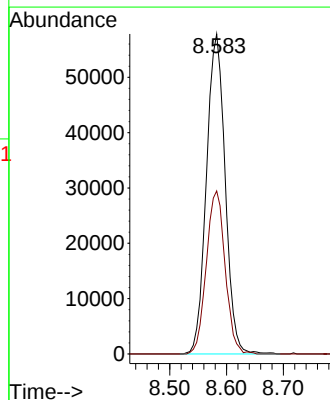
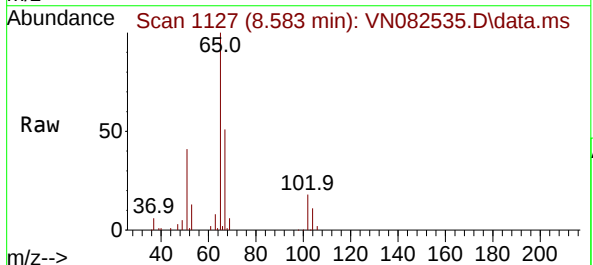
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-300-302

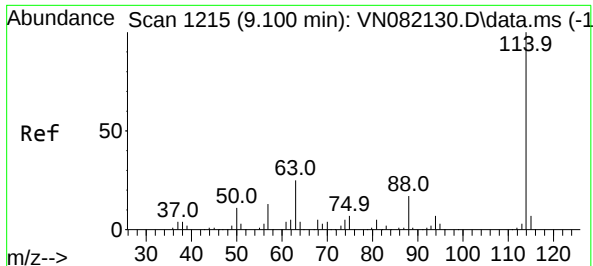
Tgt Ion:168 Resp: 159053
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.584 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

Tgt Ion: 65 Resp: 132063
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-300-302

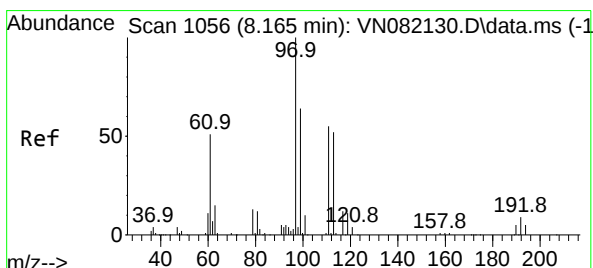
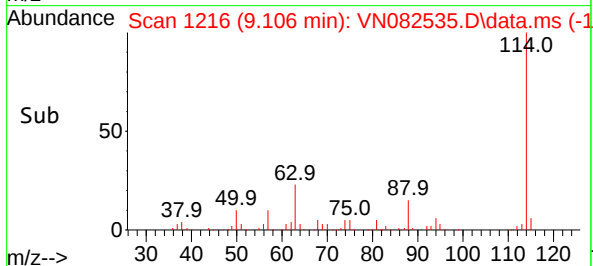
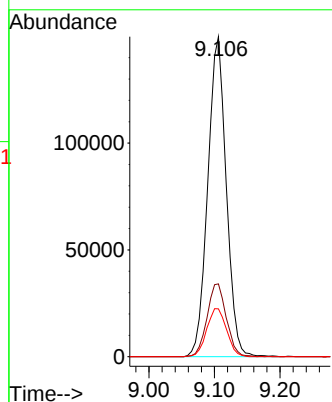
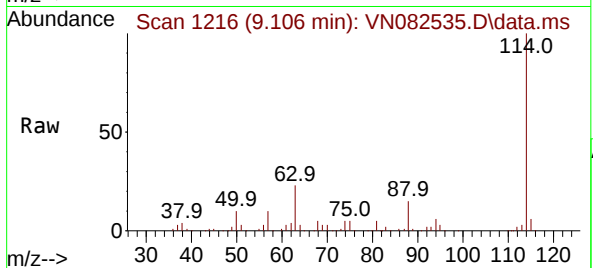
Tgt Ion:114 Resp: 293826

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 15.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.285 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

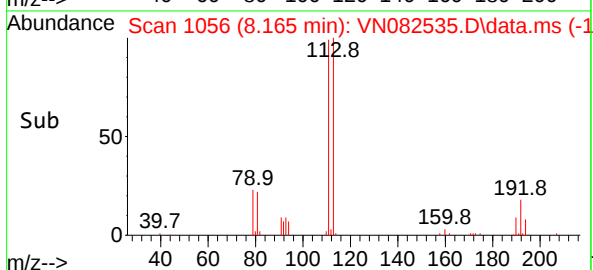
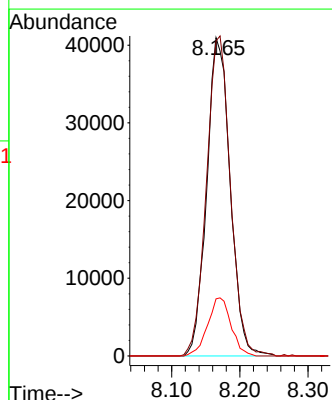
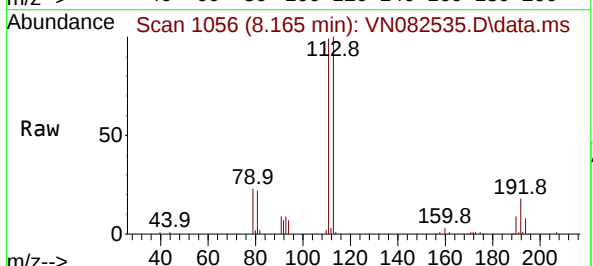
Tgt Ion:113 Resp: 98119

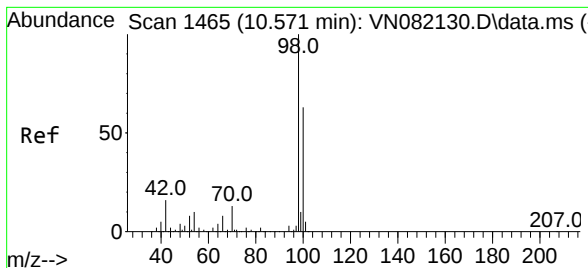
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 18.2 14.0 21.0

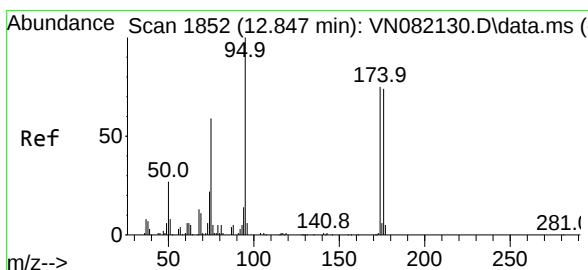
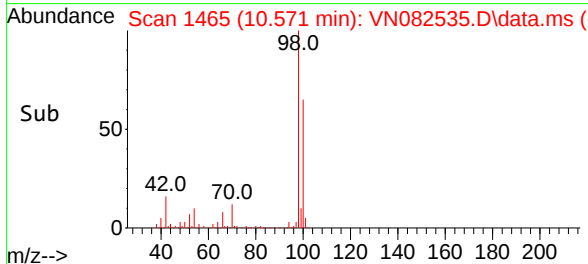
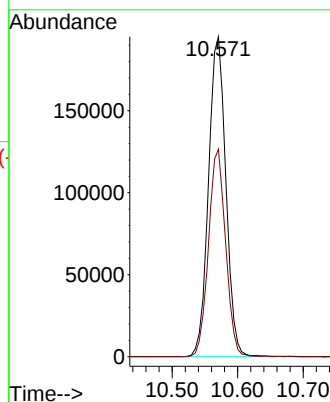
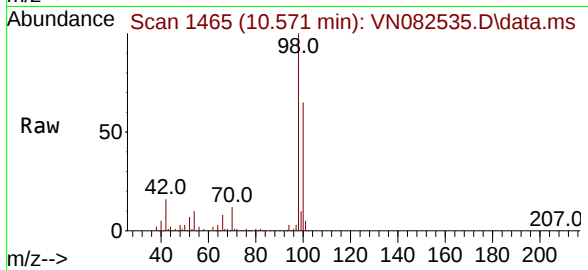




#50
Toluene-d8
Concen: 51.784 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

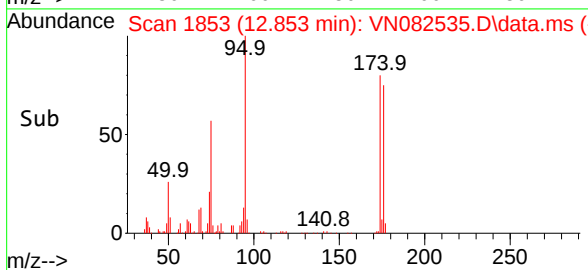
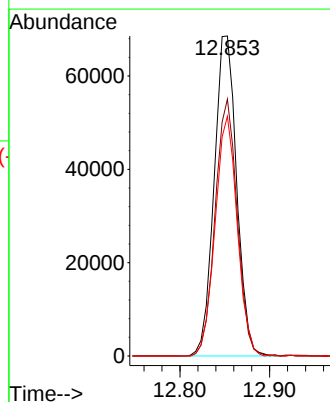
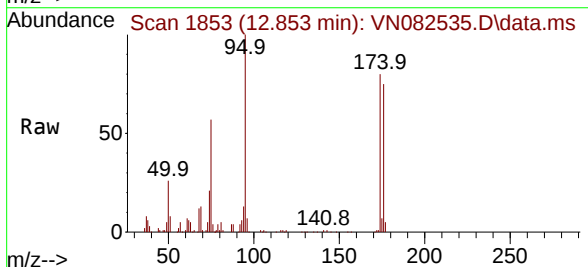
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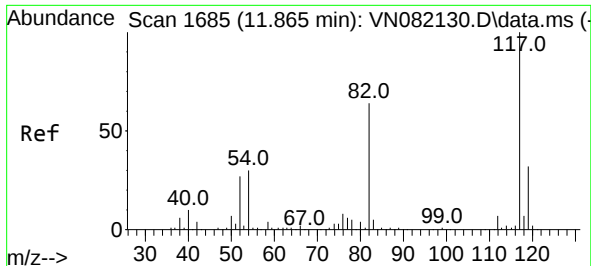
Tgt Ion: 98 Resp: 358850
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.383 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

Tgt Ion: 95 Resp: 119671
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.6
176 73.3 0.0 152.8

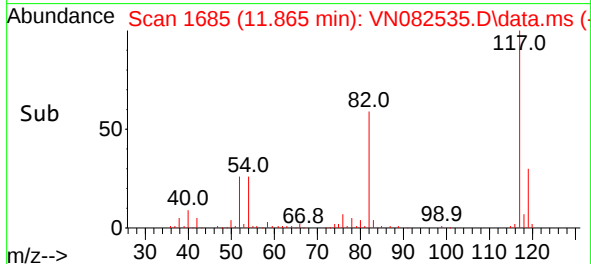
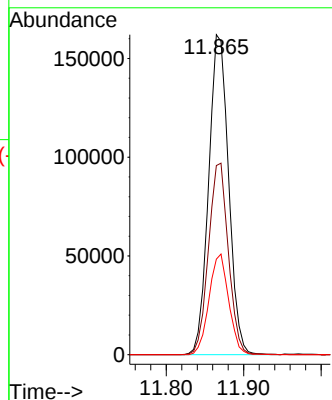
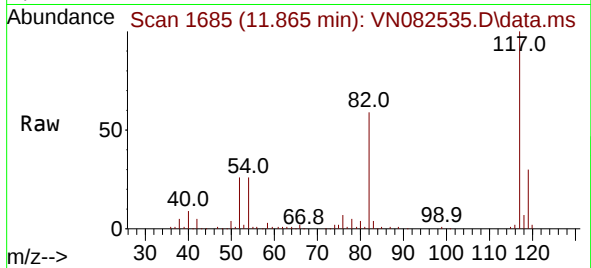




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-300-302

Tgt Ion:117 Resp: 289357
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 29.8 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: VN082535.D
Acq: 12 Jun 2024 17:47

Tgt Ion:152 Resp: 121664
Ion Ratio Lower Upper
152 100
115 57.9 30.4 91.3
150 154.7 0.0 353.2

