

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082533.D
 Acq On : 12 Jun 2024 16:59
 Operator : JC\MD
 Sample : P2839-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-318-320

Quant Time: Jun 12 17:28:31 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	161333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133819	52.530	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.060%
35) Dibromofluoromethane	8.165	113	98212	53.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.720%
50) Toluene-d8	10.571	98	361344	51.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.853	95	119156	47.306	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.620%

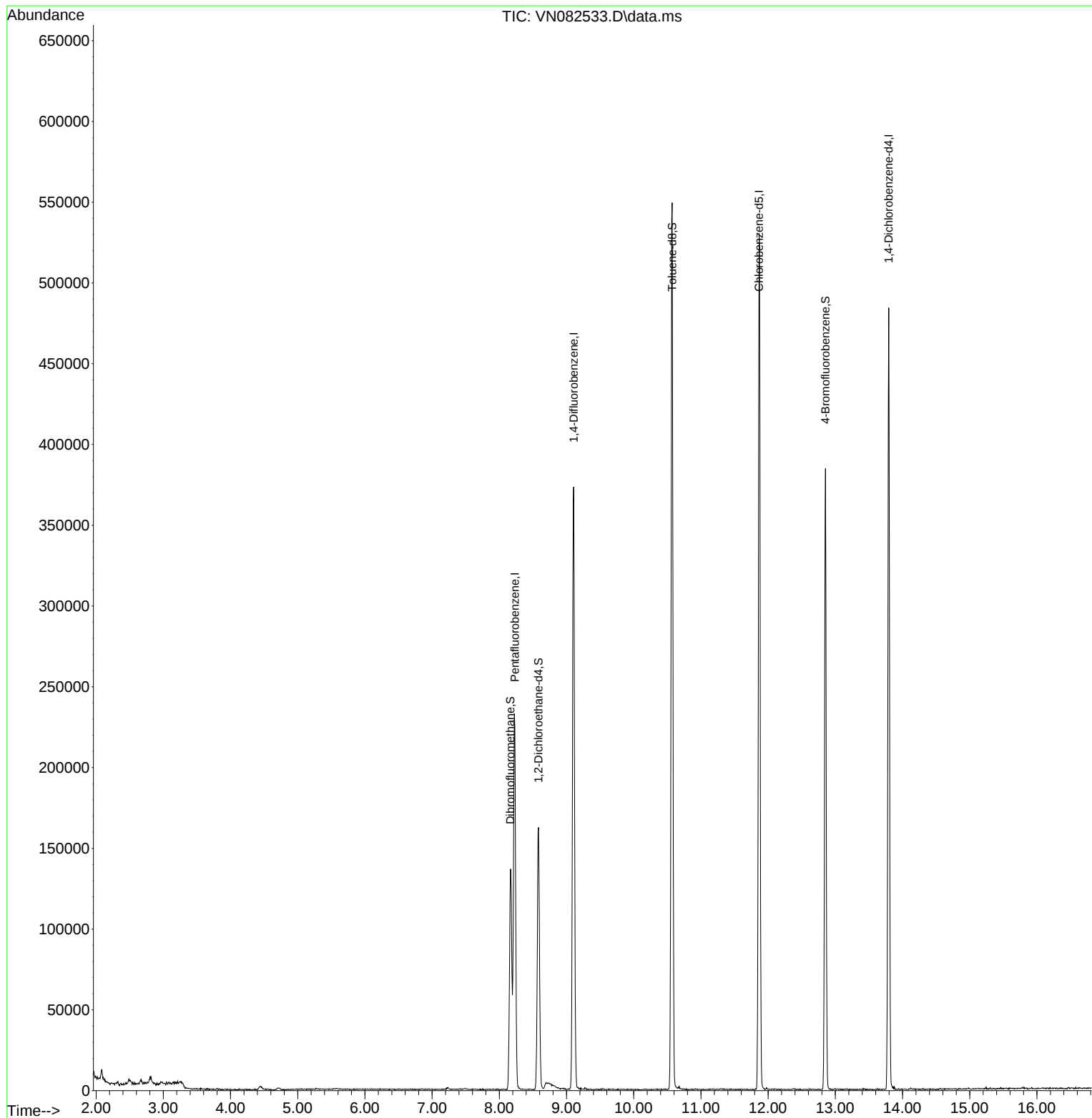
Target Compounds	Qvalue

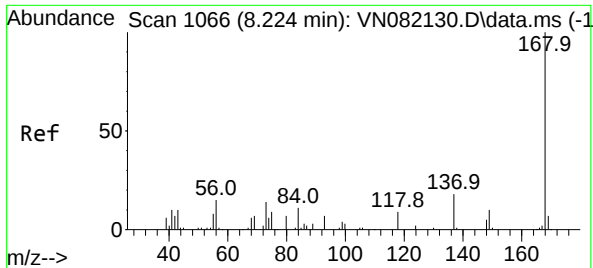
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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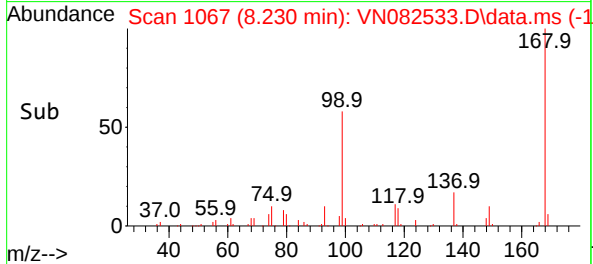
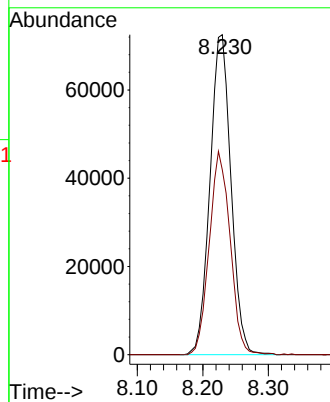
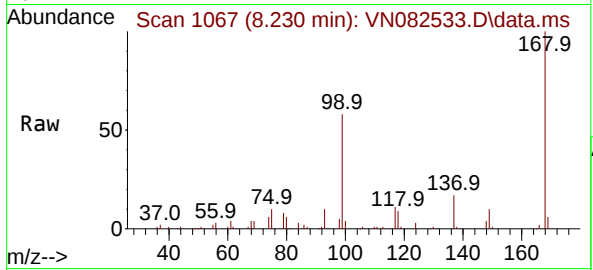




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

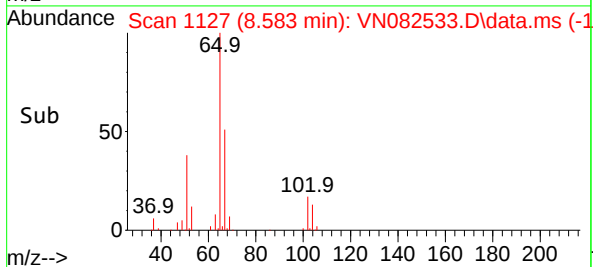
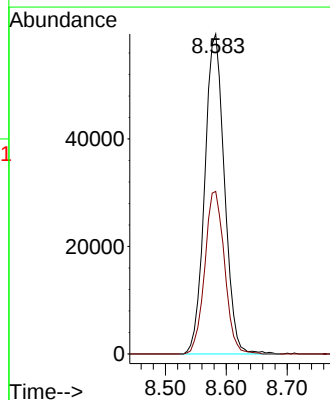
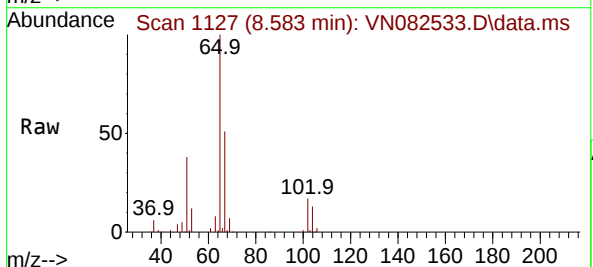
Instrument :
MSVOA_N
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BP-VPB-189-GW-318-320

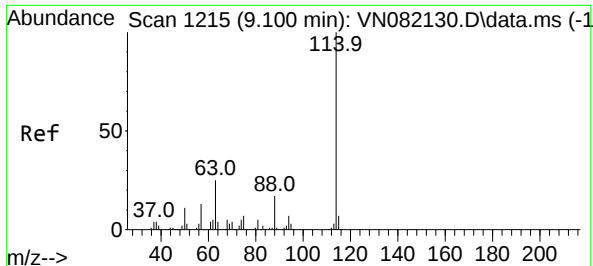
Tgt Ion:168 Resp: 161333
Ion Ratio Lower Upper
168 100
99 57.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.530 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion: 65 Resp: 133819
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

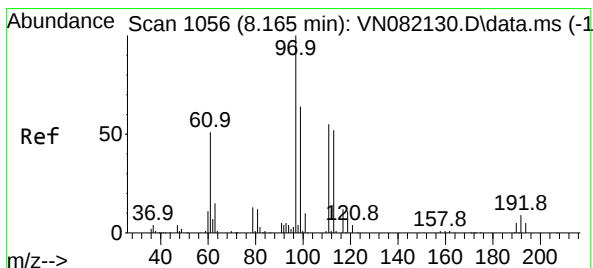
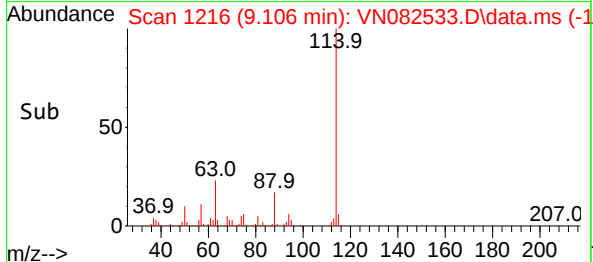
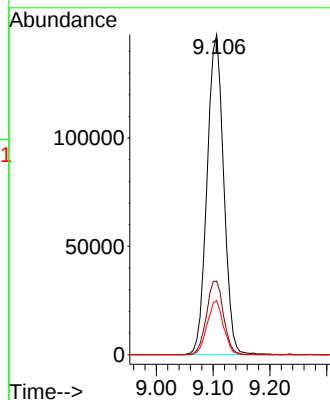
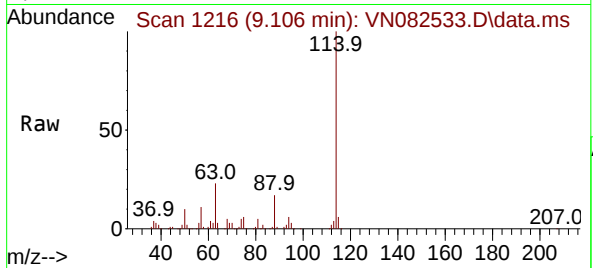




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

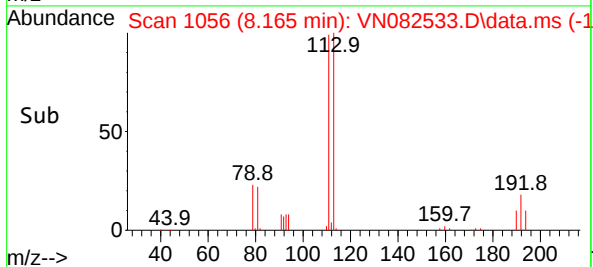
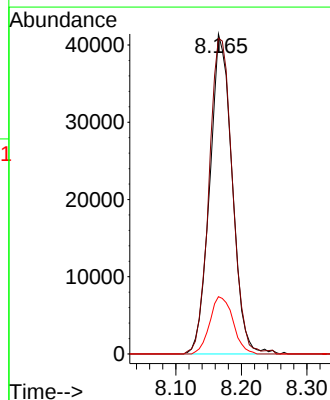
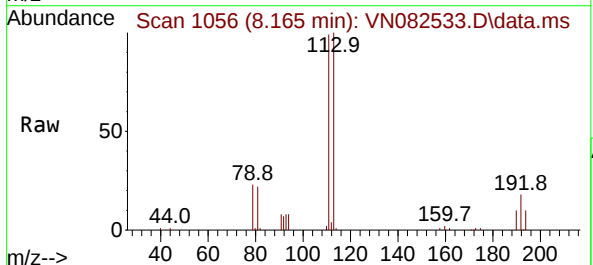
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ClientSampleId :
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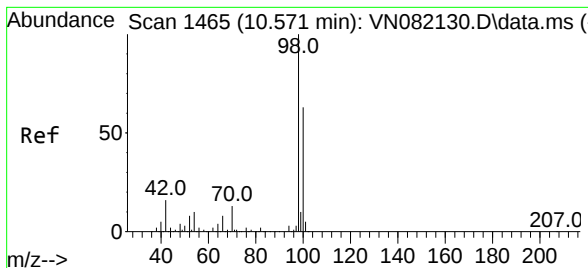
Tgt Ion:114 Resp: 299224
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.0
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.356 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion:113 Resp: 98212
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.6 14.0 21.0

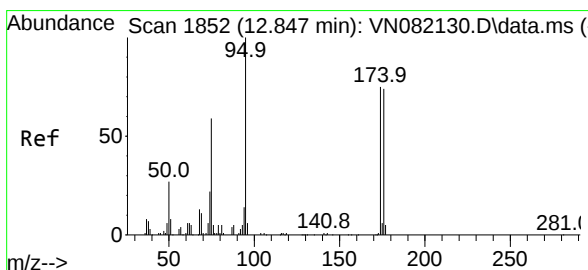
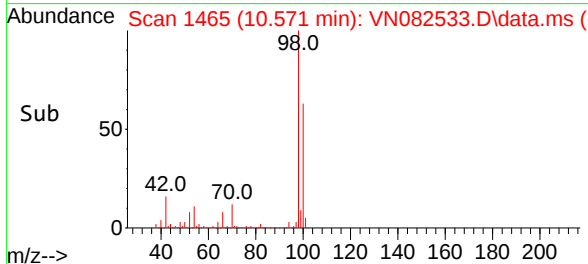
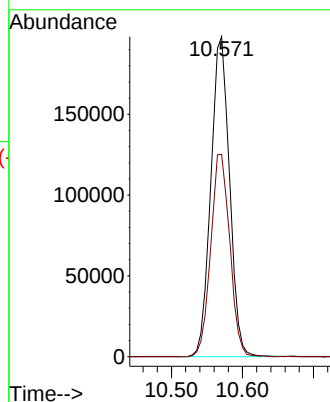
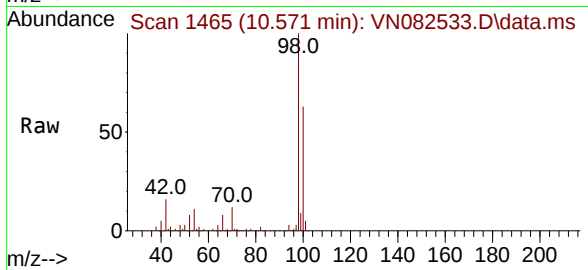




#50
Toluene-d8
Concen: 51.203 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

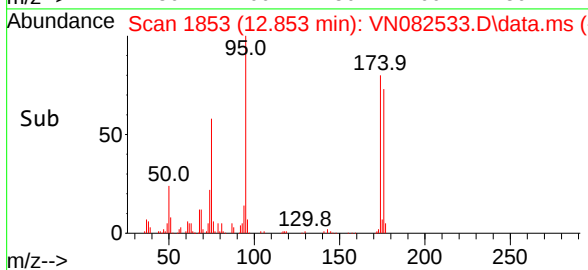
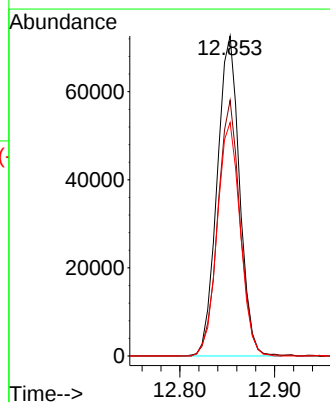
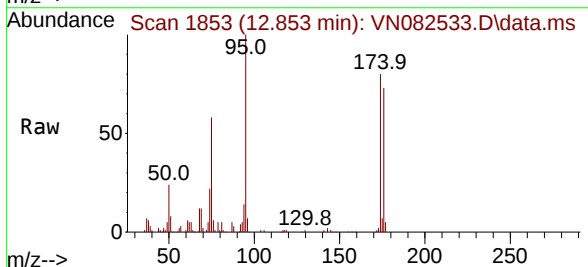
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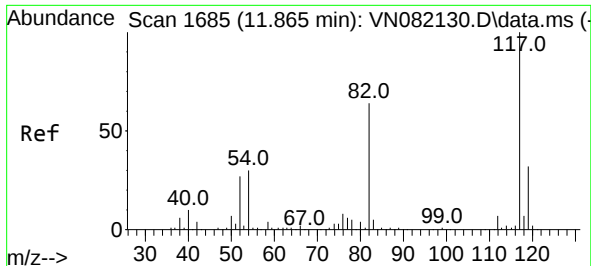
Tgt Ion: 98 Resp: 361344
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.306 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion: 95 Resp: 119156
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.6
176 74.8 0.0 152.8

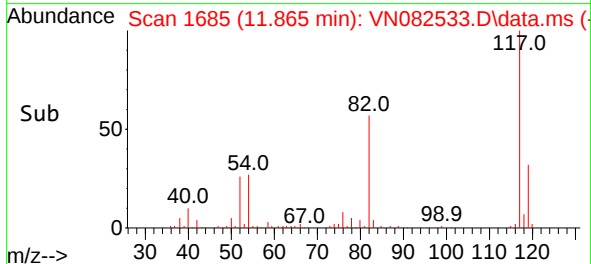
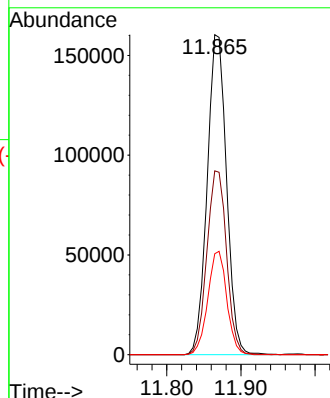
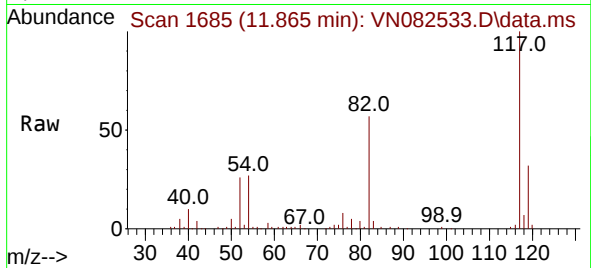




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082533.D
Acq: 12 Jun 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-318-320

Tgt Ion:117 Resp: 290672
Ion Ratio Lower Upper
117 100
82 57.5 44.6 66.8
119 31.6 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: VN082533.D
Acq: 12 Jun 2024 16:59

Tgt Ion:152 Resp: 120324
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 159.9 0.0 353.2

