

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084639.D
 Acq On : 01 Nov 2024 15:30
 Operator : JC\MD
 Sample : P4665-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-EB-20241030

Quant Time: Nov 04 04:28:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	170733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122982	49.872	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.740%
35) Dibromofluoromethane	8.165	113	100539	49.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	10.565	98	357815	47.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.847	95	127690	45.713	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.420%

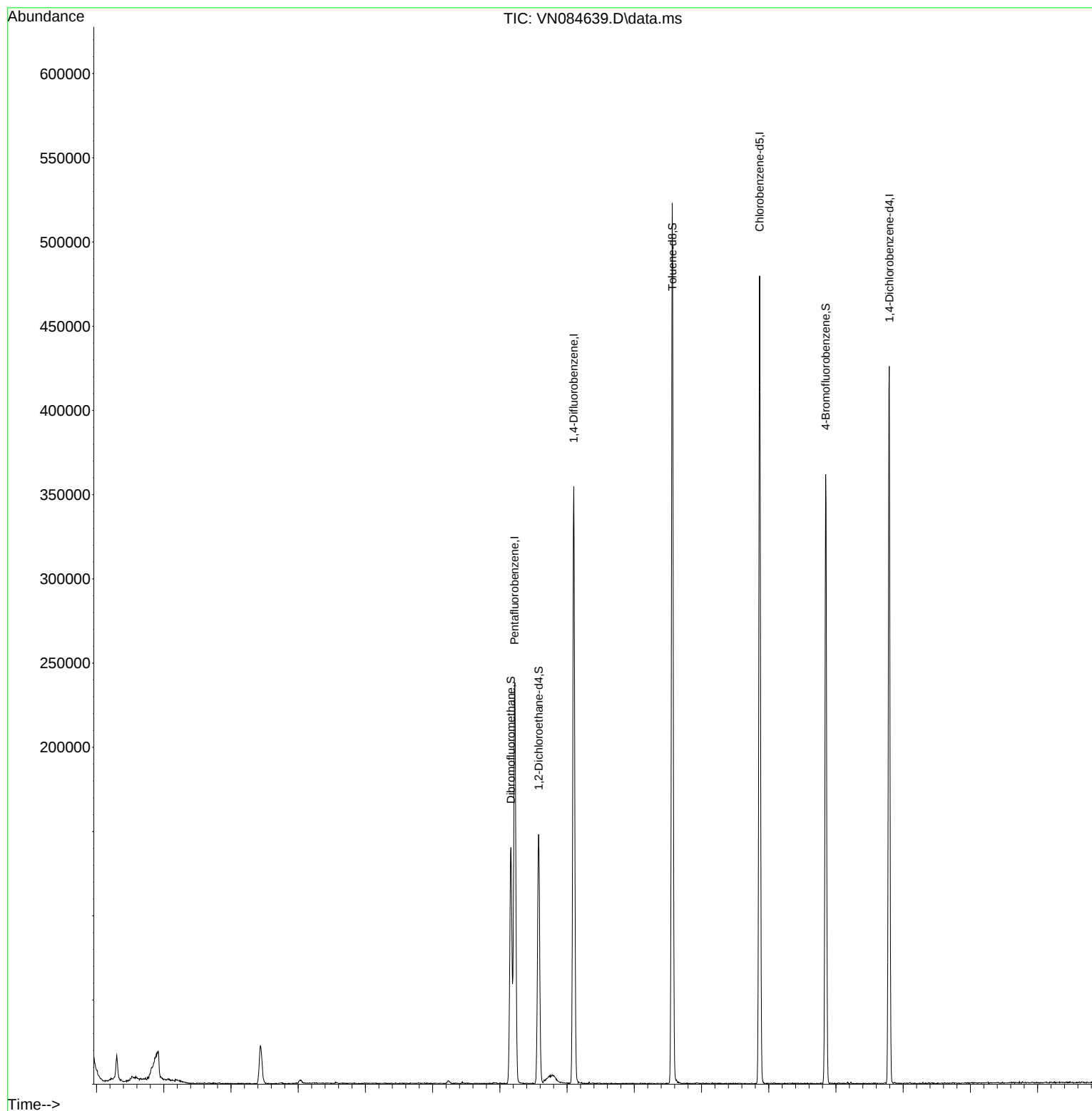
Target Compounds Qvalue

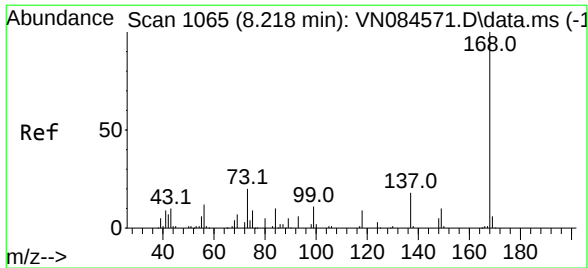
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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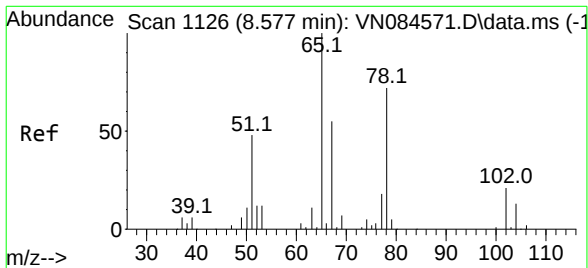
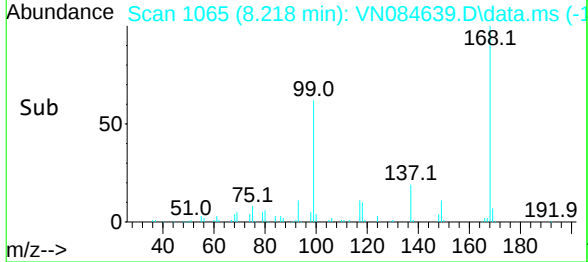
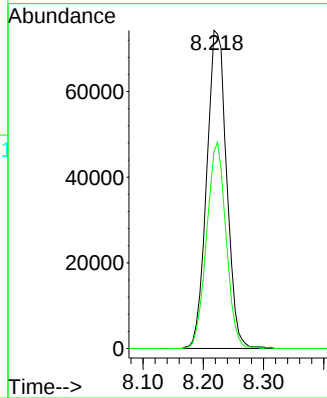
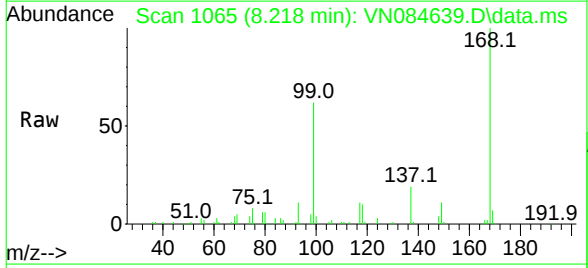




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

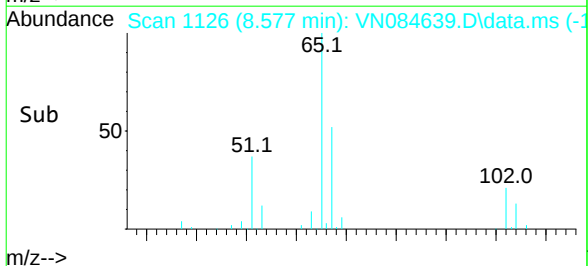
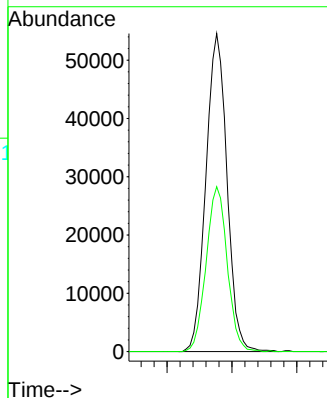
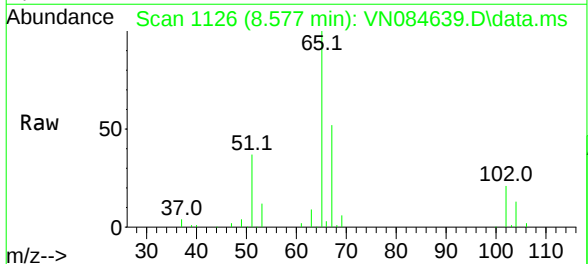
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

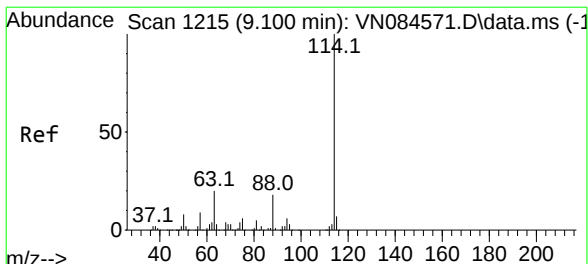
Tgt Ion:168 Resp: 170733
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.872 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 65 Resp: 122982
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

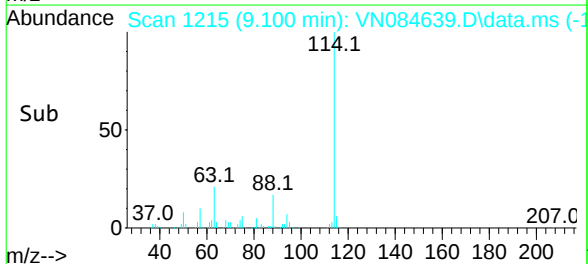
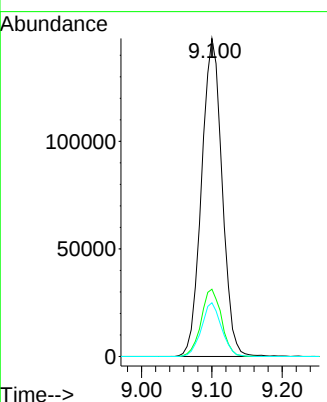
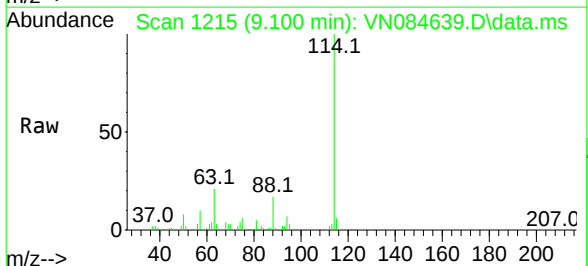




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084639.D
 Acq: 01 Nov 2024 15:30

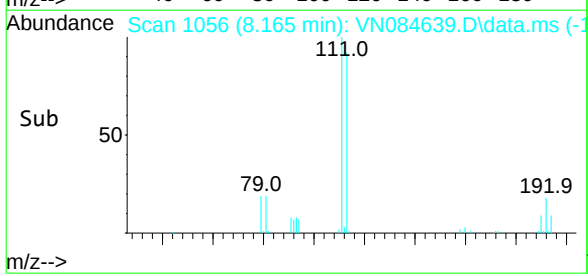
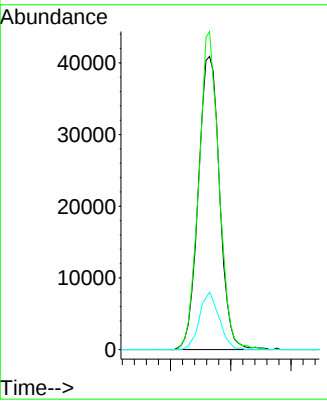
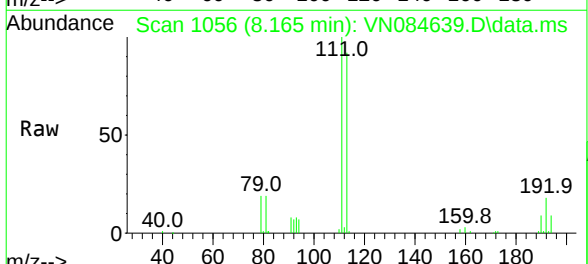
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-EB-20241030

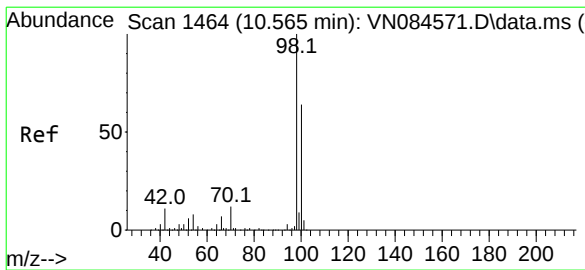
Tgt Ion:	114	Resp:	299750
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.8
88	16.9	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.552 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084639.D
 Acq: 01 Nov 2024 15:30

Tgt Ion:	113	Resp:	100539
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.3	124.9
192	18.1	13.5	20.3





#50

Toluene-d8

Concen: 47.875 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084639.D

Acq: 01 Nov 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

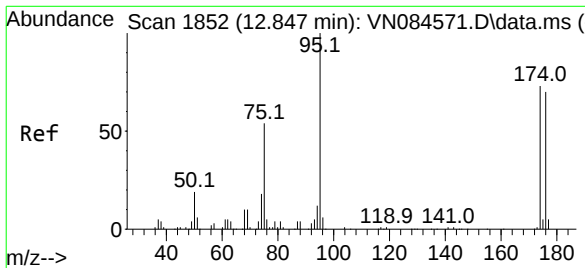
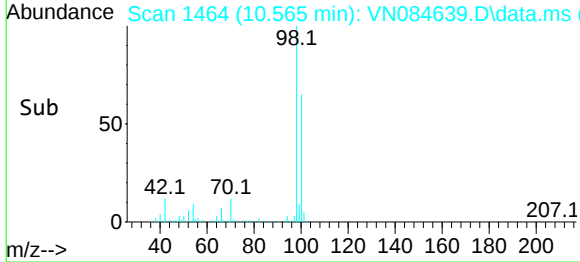
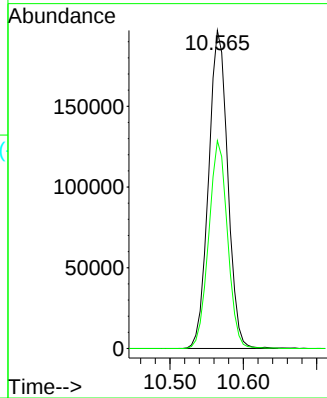
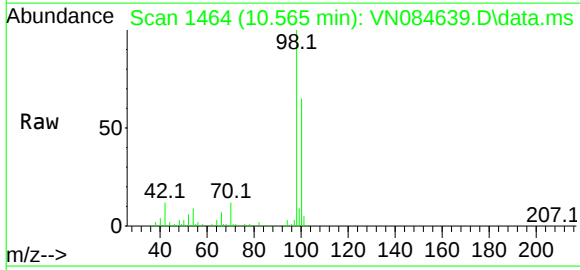
BP-VPB-190-EB-20241030

Tgt Ion: 98 Resp: 357815

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.713 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084639.D

Acq: 01 Nov 2024 15:30

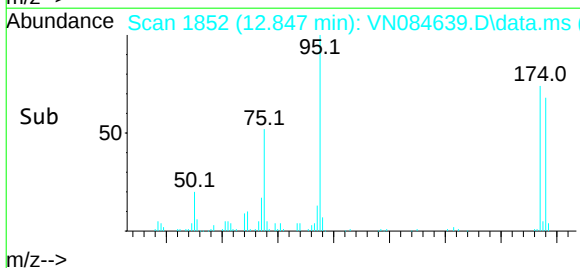
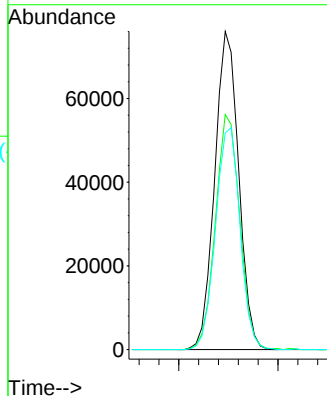
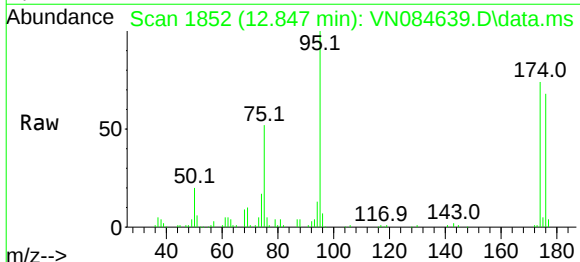
Tgt Ion: 95 Resp: 127690

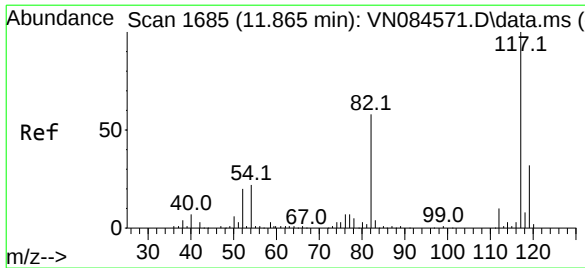
Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.2

176 71.2 0.0 140.0

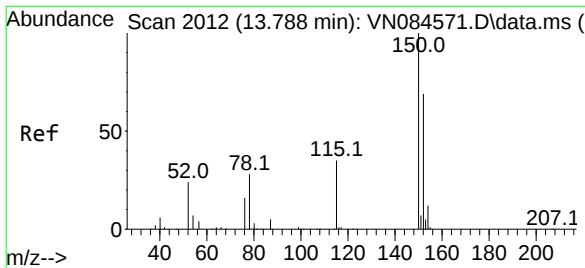
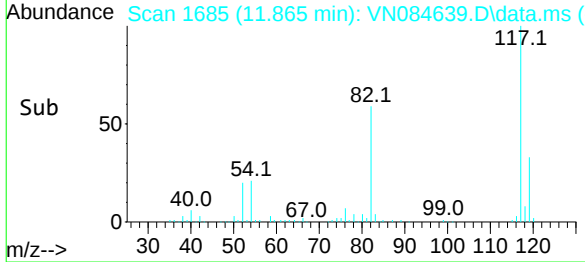
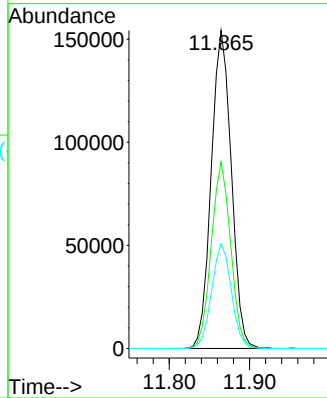
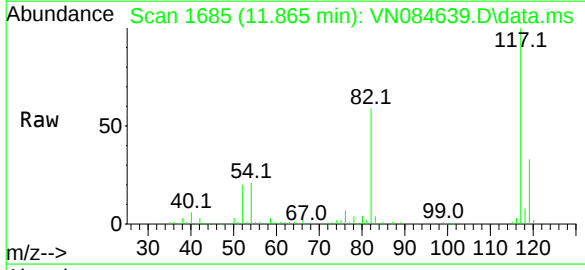




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Instrument :
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BP-VPB-190-EB-20241030

Tgt Ion:	117	Resp:	267728
Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.2	70.8
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion:	152	Resp:	115295
Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.9
150	161.1	0.0	349.8

