

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
Data File : VN084638.D
Acq On : 01 Nov 2024 15:06
Operator : JC\MD
Sample : P4665-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

Quant Time: Nov 04 04:53:52 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	8.224	168	170724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122273	49.587	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.180%	
35) Dibromofluoromethane	8.165	113	101724	50.836	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.680%	
50) Toluene-d8	10.565	98	340502	46.194	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.380%	
62) 4-Bromofluorobenzene	12.847	95	129227	46.909	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.820%	

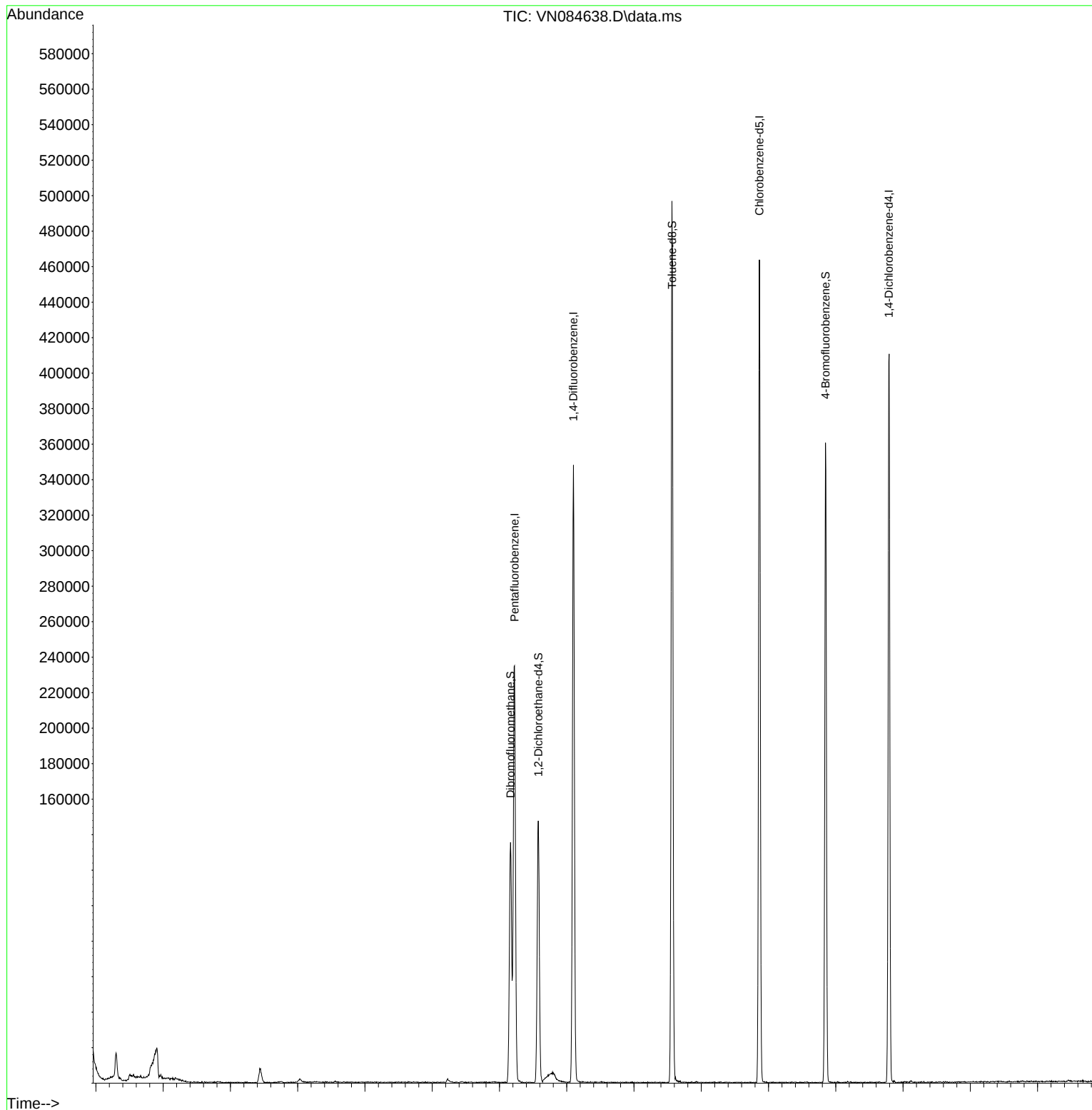
Target Compounds Qvalue

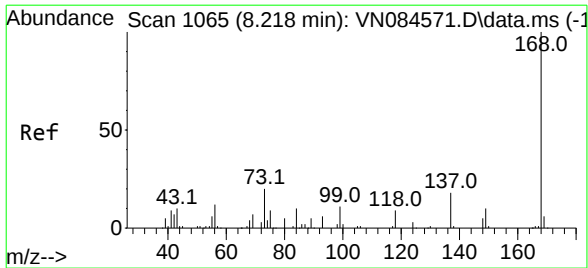
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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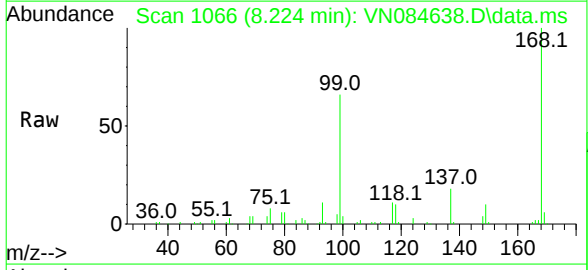
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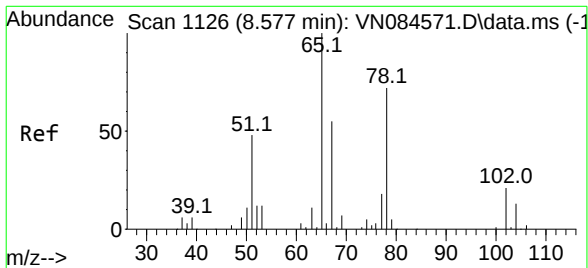
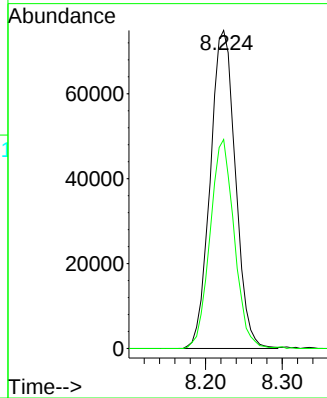
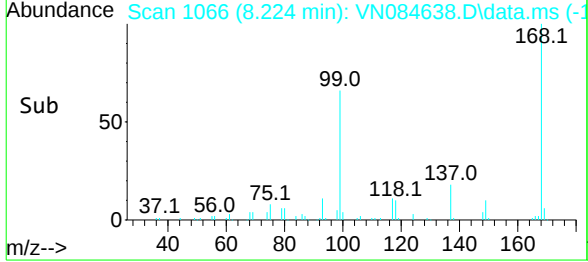


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

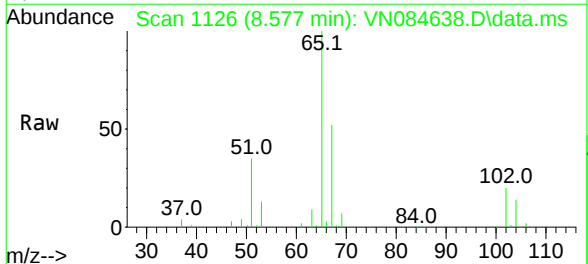
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030



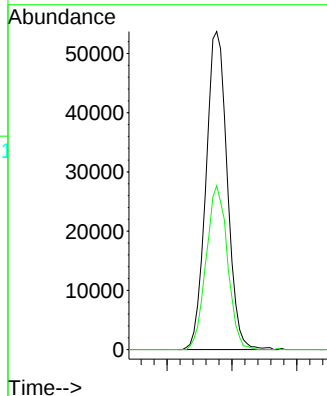
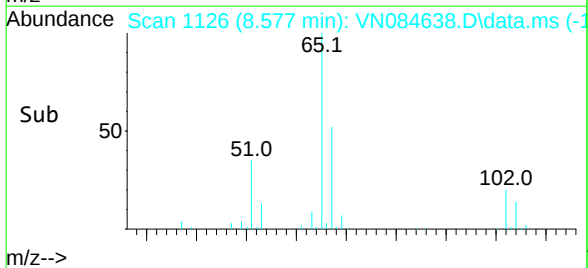
Tgt Ion:168 Resp: 170724
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2

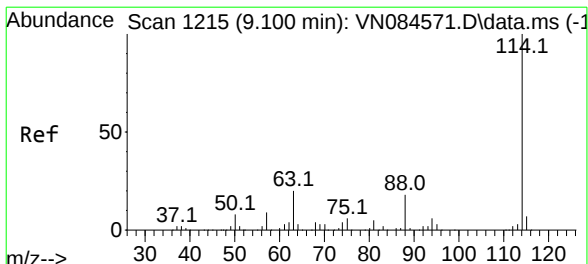


#33
1,2-Dichloroethane-d4
Concen: 49.587 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06



Tgt Ion: 65 Resp: 122273
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0

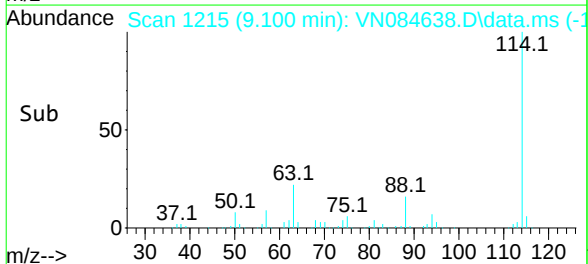
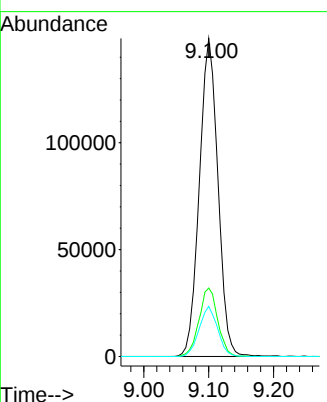
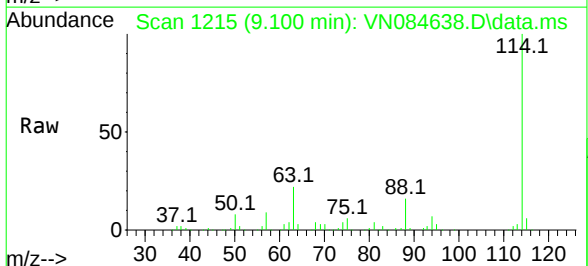




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

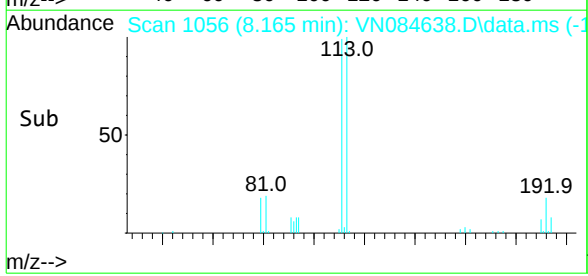
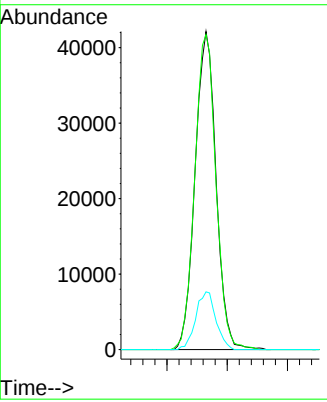
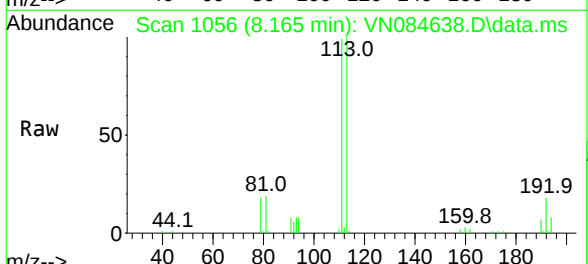
Instrument :
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 VPB190-HYD-20241030

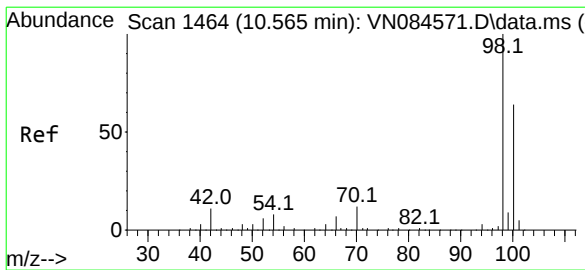
Tgt Ion:	114	Resp:	295624
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	43.8
88	15.8	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.836 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

Tgt Ion:	113	Resp:	101724
Ion Ratio	Lower	Upper	
113	100		
111	100.2	83.3	124.9
192	17.4	13.5	20.3





#50

Toluene-d8

Concen: 46.194 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084638.D

Acq: 01 Nov 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

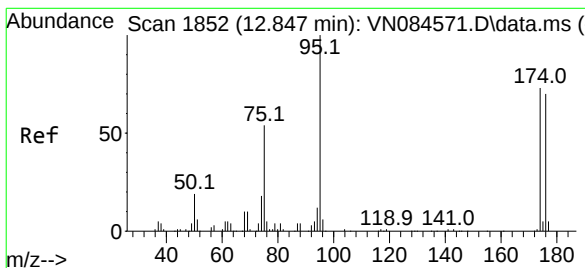
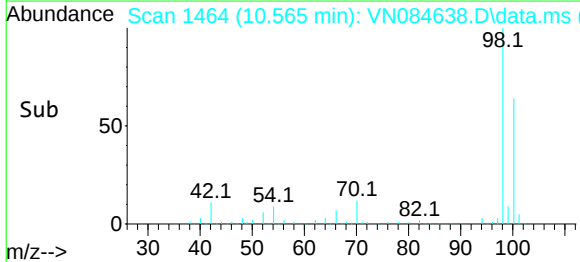
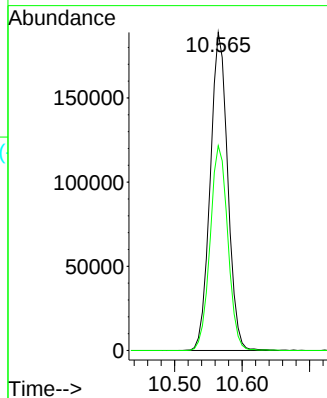
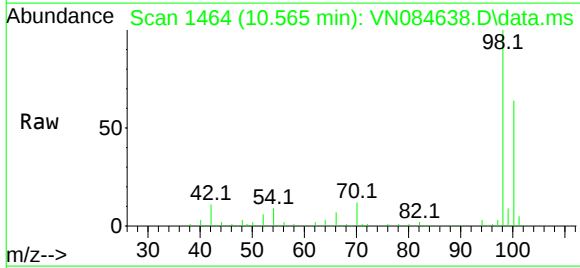
VPB190-HYD-20241030

Tgt Ion: 98 Resp: 340502

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.909 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084638.D

Acq: 01 Nov 2024 15:06

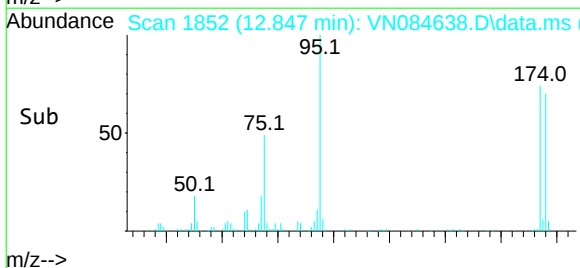
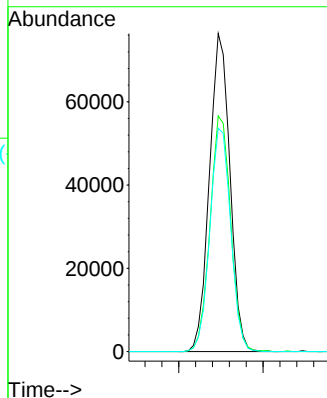
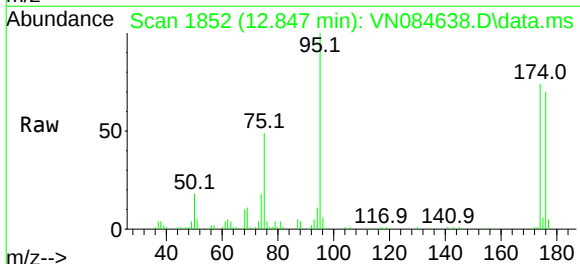
Tgt Ion: 95 Resp: 129227

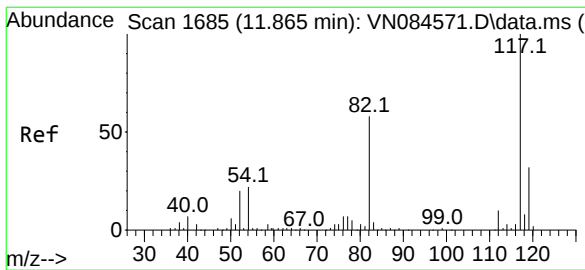
Ion Ratio Lower Upper

95 100

174 74.7 0.0 145.2

176 71.2 0.0 140.0

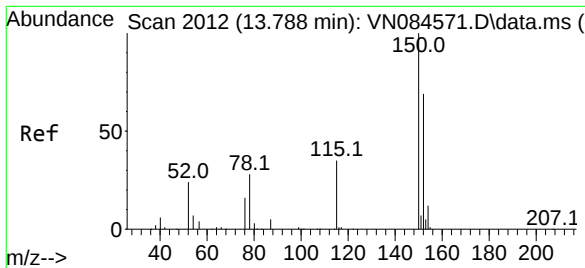
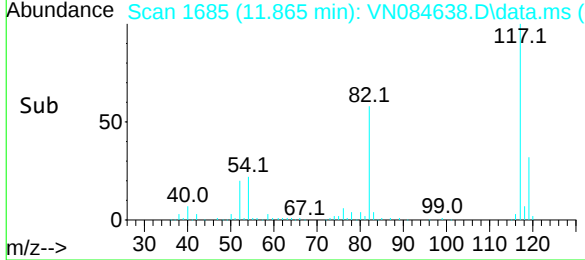
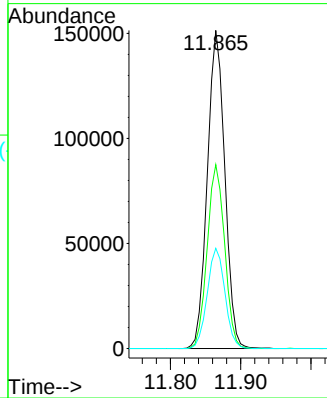
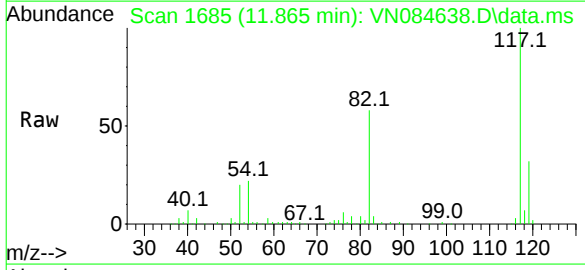




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Instrument :
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Tgt Ion:	117	Resp:	261626
Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.2	70.8
119	31.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion:	152	Resp:	113670
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.9
150	158.6	0.0	349.8

