

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084747.D
 Acq On : 08 Nov 2024 14:08
 Operator : JC\MD
 Sample : P4774-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241106

Quant Time: Nov 08 22:30:37 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	177086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124987	48.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.740%
35) Dibromofluoromethane	8.165	113	100927	48.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	10.565	98	351785	45.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.847	95	140655	48.936	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.880%

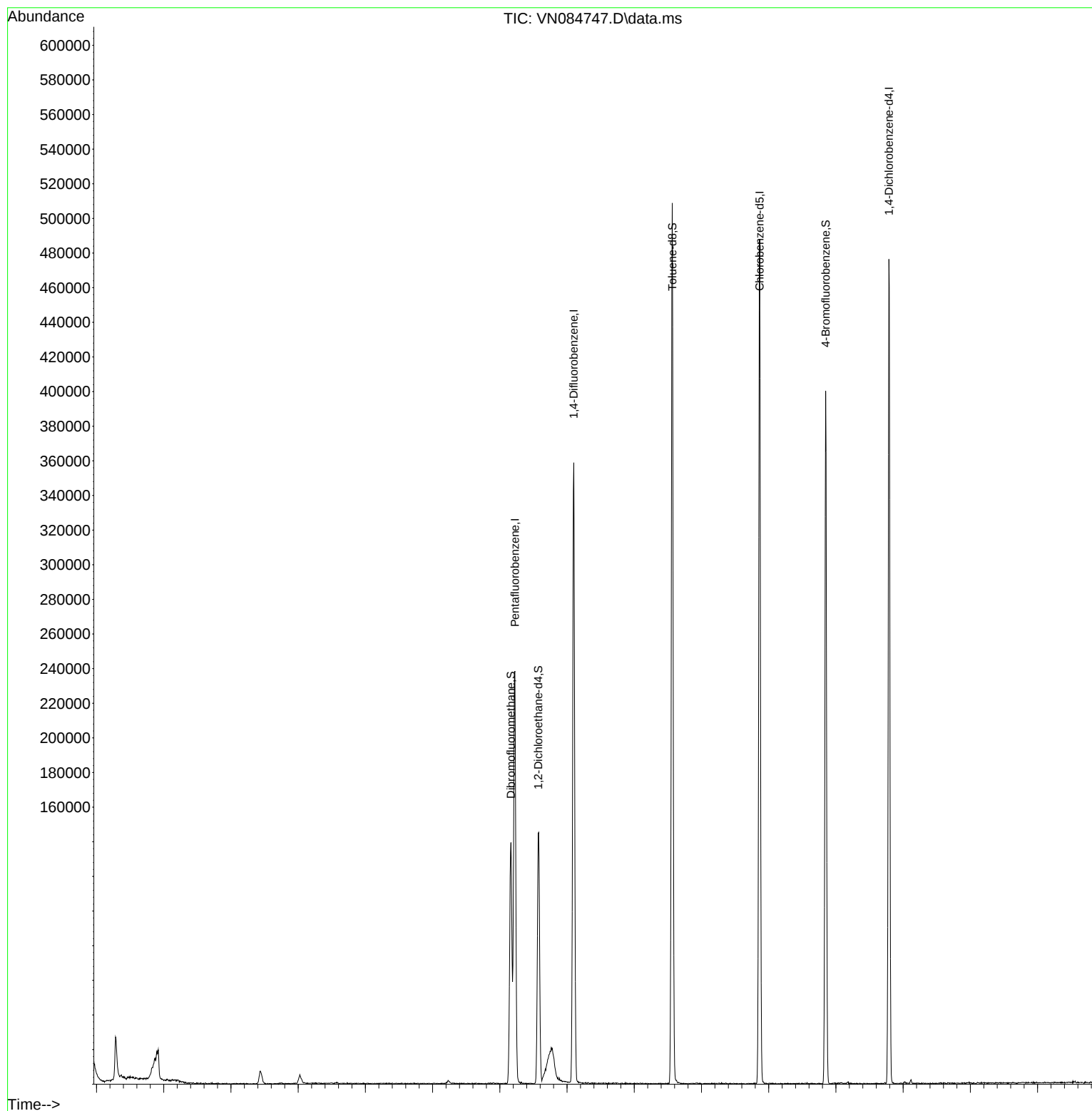
Target Compounds Qvalue

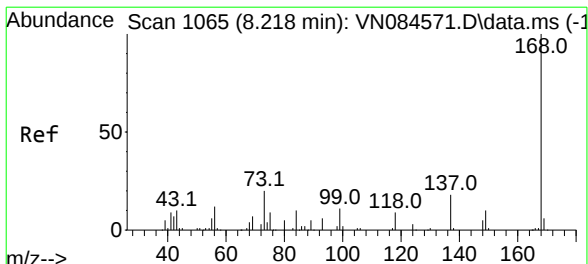
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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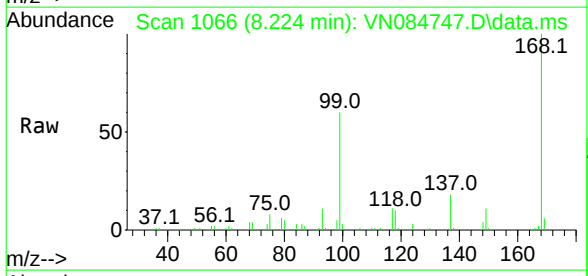
Quant Time: Nov 08 22:30:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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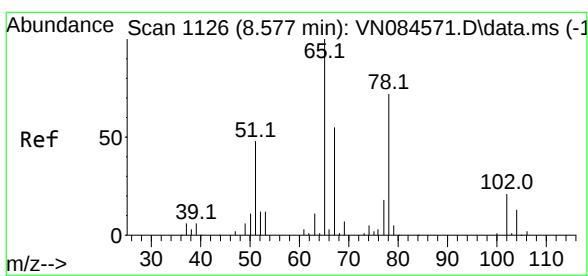
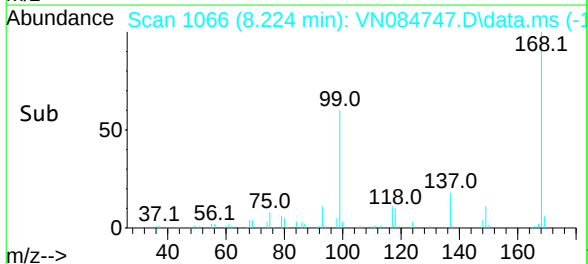
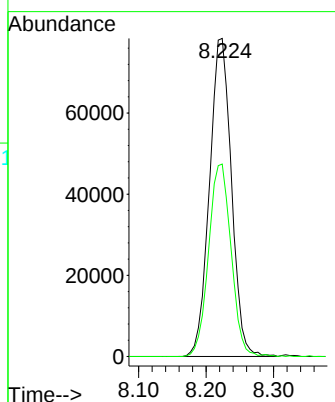
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084747.D
 Acq: 08 Nov 2024 14:08

Instrument : MSVOA_N
 ClientSampleId : VPB190-HYD-20241106



Tgt Ion: 168 Resp: 177086

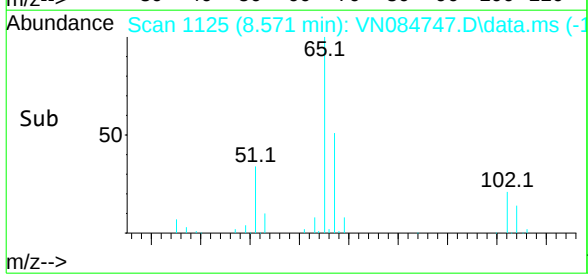
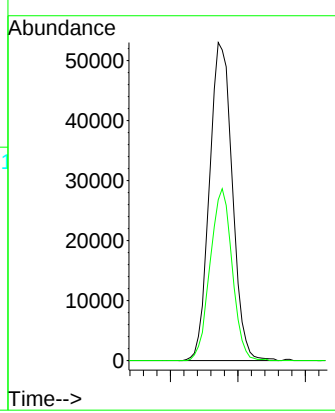
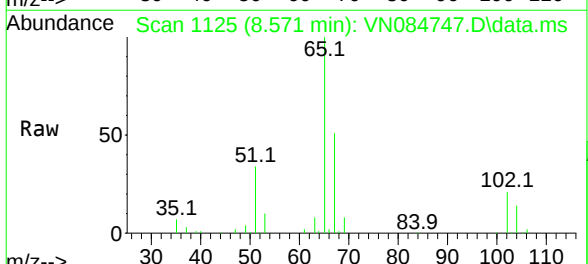
Ion	Ratio	Lower	Upper
168	100		
99	60.5	54.2	81.2

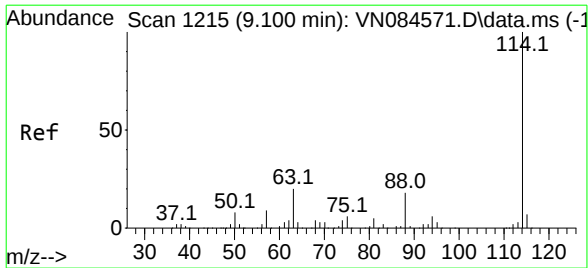


#33
 1,2-Dichloroethane-d4
 Concen: 48.867 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN084747.D
 Acq: 08 Nov 2024 14:08

Tgt Ion: 65 Resp: 124987

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.0

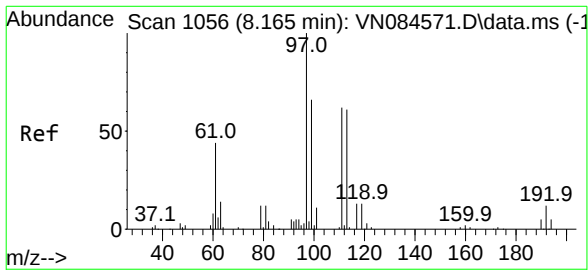
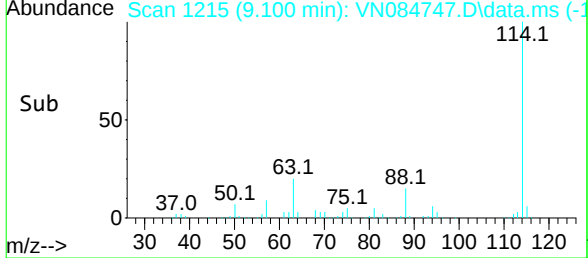
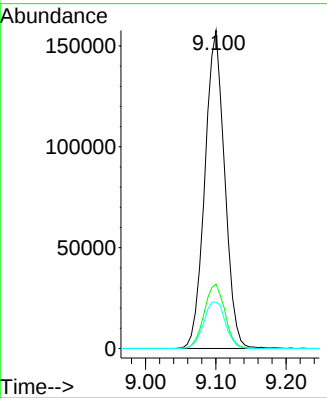
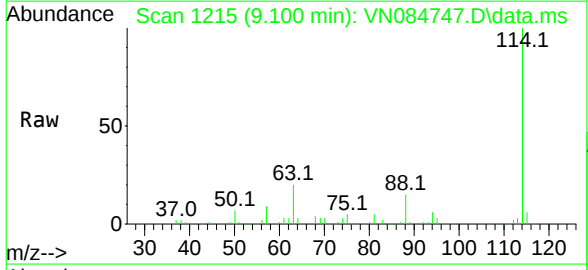




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

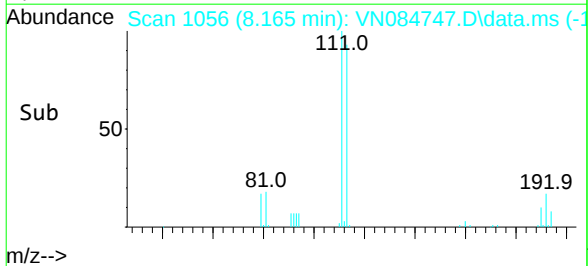
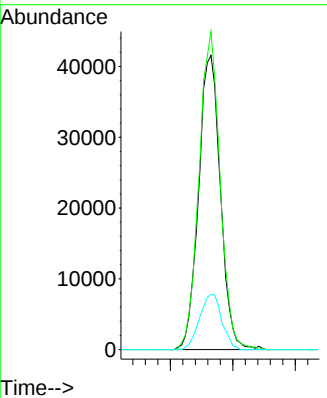
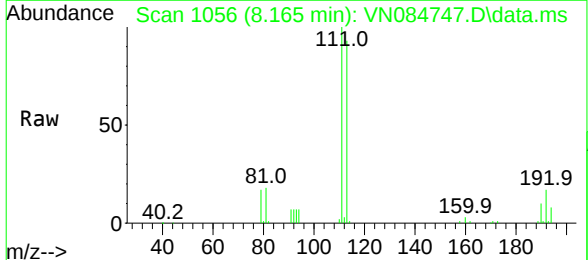
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241106

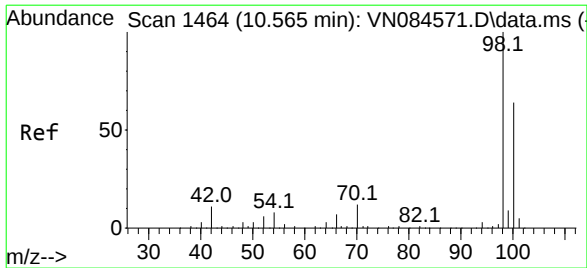
Tgt Ion:	114	Resp:	308440
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.8
88	14.6	0.0	31.6



#35
Dibromofluoromethane
Concen: 48.342 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion:	113	Resp:	100927
Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.3	124.9
192	19.1	13.5	20.3





#50

Toluene-d8

Concen: 45.742 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

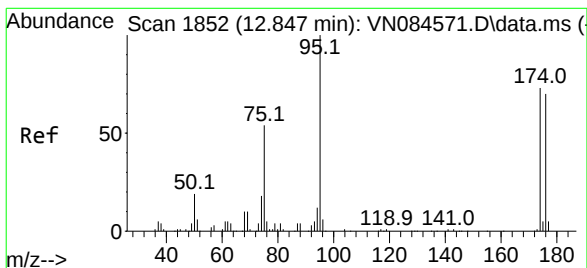
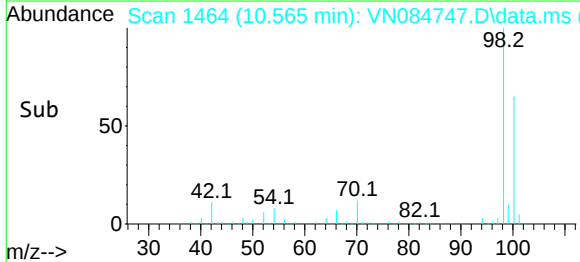
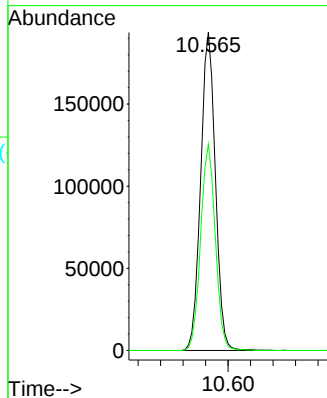
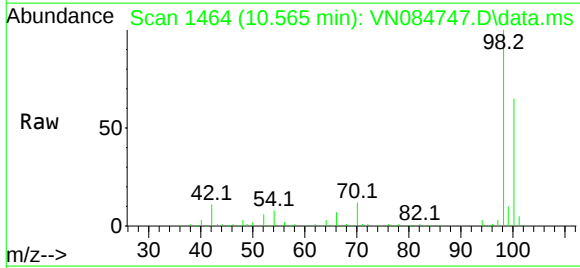
VPB190-HYD-20241106

Tgt Ion: 98 Resp: 351785

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.936 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

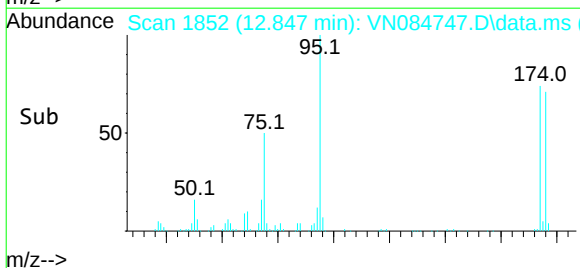
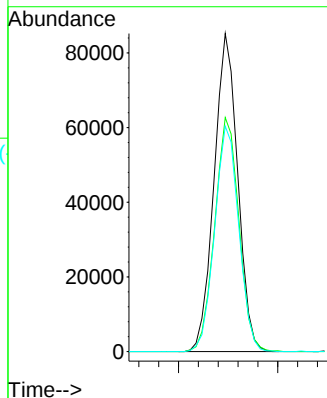
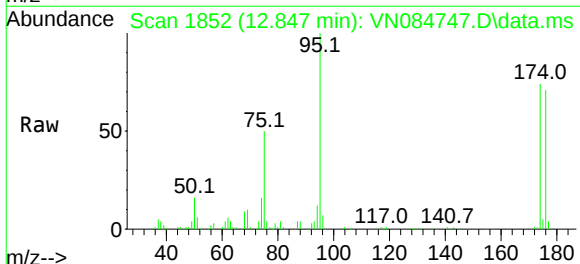
Tgt Ion: 95 Resp: 140655

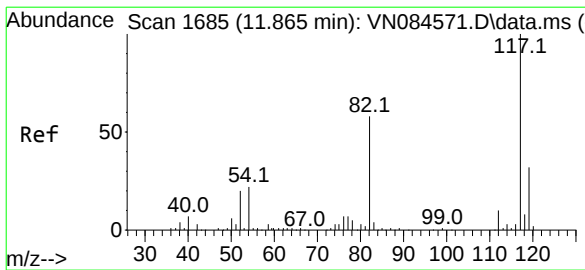
Ion Ratio Lower Upper

95 100

174 75.5 0.0 145.2

176 72.3 0.0 140.0

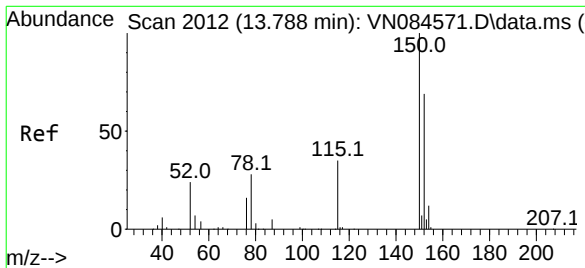
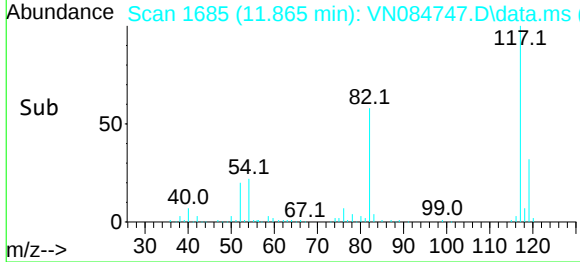
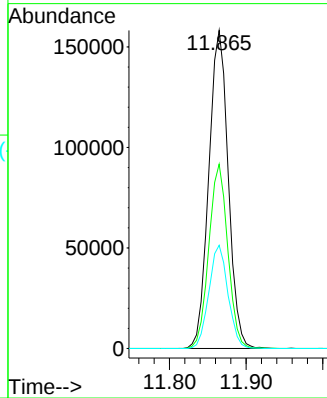
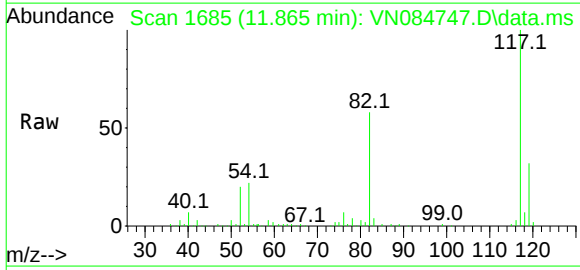




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Instrument :
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Tgt Ion:117 Resp: 278450
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 32.5 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: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion:152 Resp: 131449
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.9
150 156.5 0.0 349.8

