

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084834.D
 Acq On : 13 Nov 2024 18:23
 Operator : JC\MD
 Sample : P4780-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Nov 14 00:40:29 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	162476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114501	48.792	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.580%	
35) Dibromofluoromethane	8.159	113	92854	48.805	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.600%	
50) Toluene-d8	10.565	98	327499	46.729	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.460%	
62) 4-Bromofluorobenzene	12.847	95	122659	46.829	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.660%	

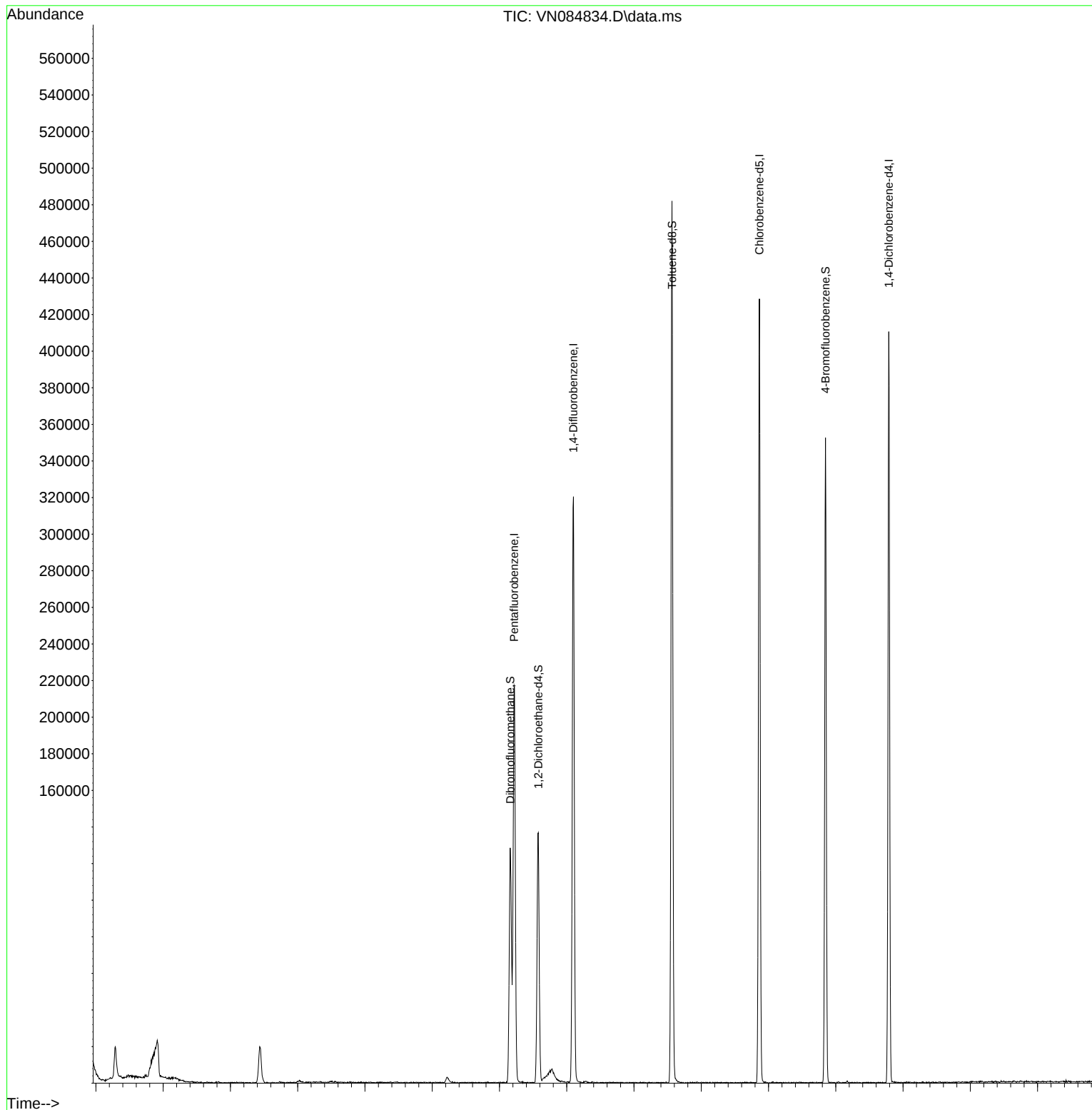
Target Compounds Qvalue

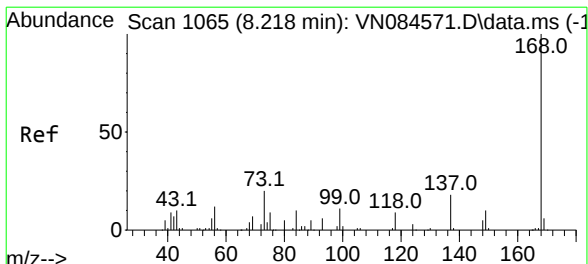
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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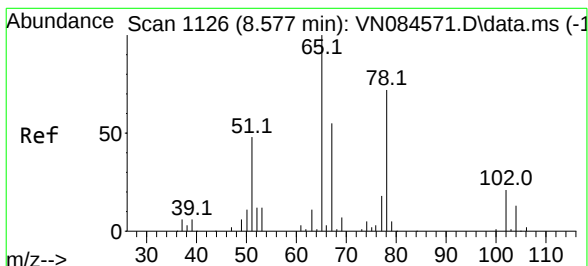
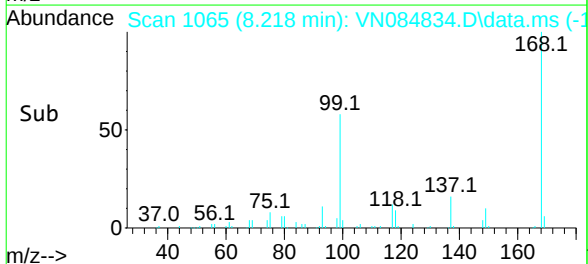
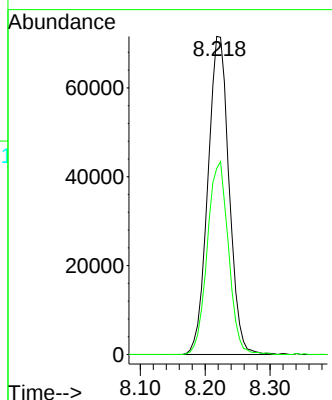
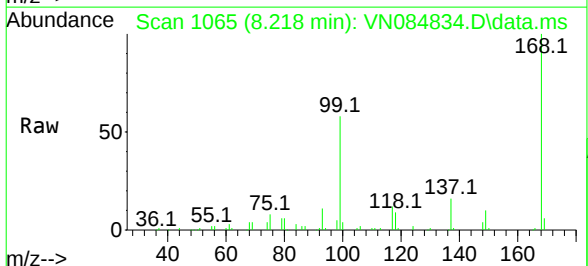




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

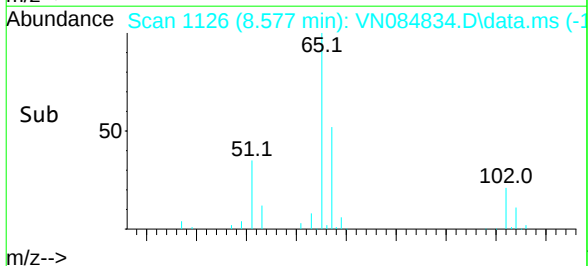
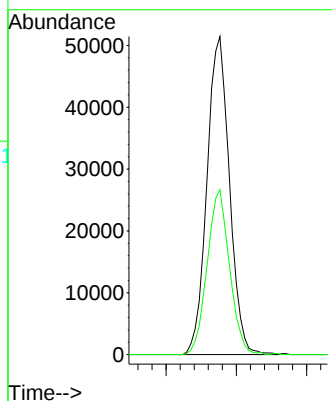
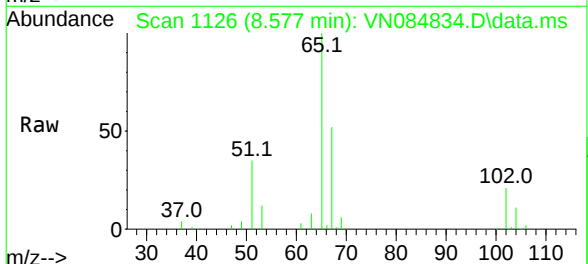
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

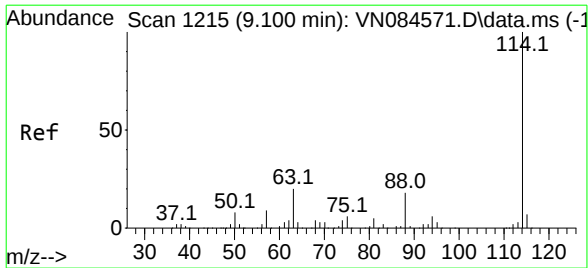
Tgt Ion:168 Resp: 162476
Ion Ratio Lower Upper
168 100
99 58.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.792 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 65 Resp: 114501
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

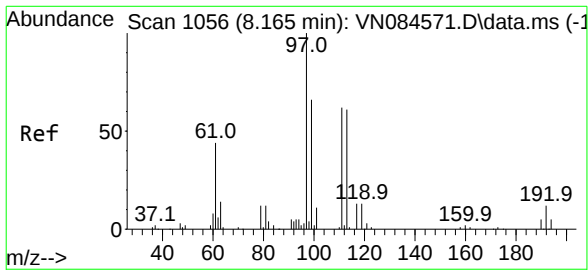
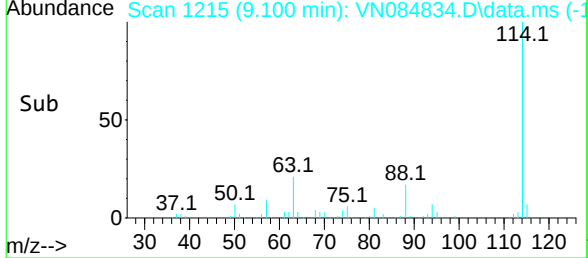
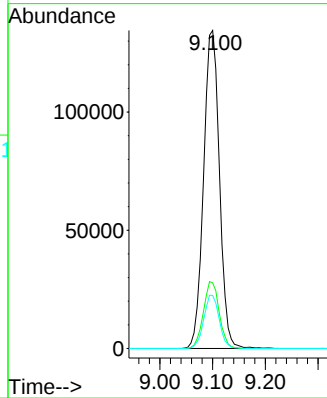
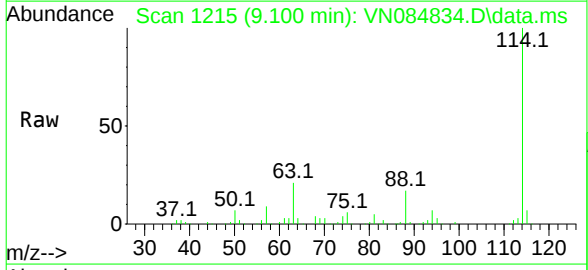




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

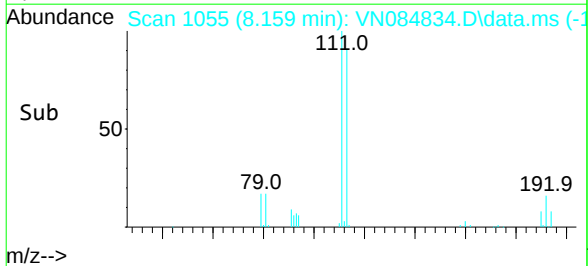
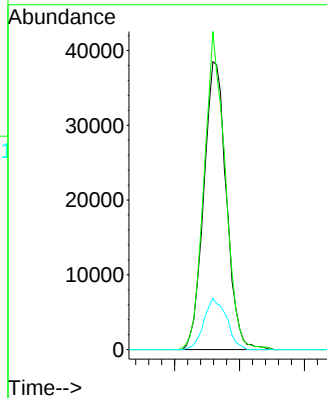
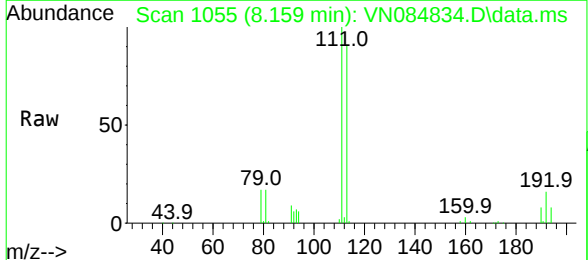
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

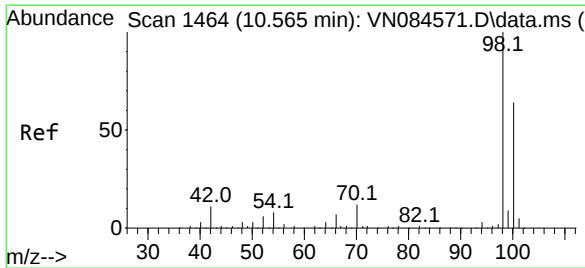
Tgt Ion:	114	Resp:	281078
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	43.8
88	16.7	0.0	31.6



#35
Dibromofluoromethane
Concen: 48.805 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion:	113	Resp:	92854
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.3	124.9
192	17.9	13.5	20.3





#50

Toluene-d8

Concen: 46.729 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

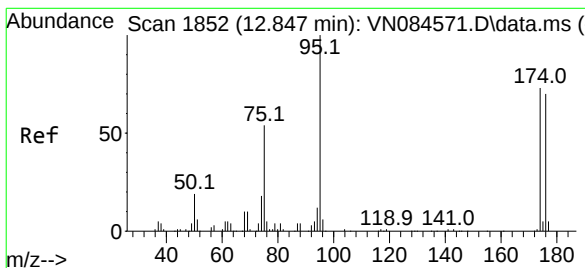
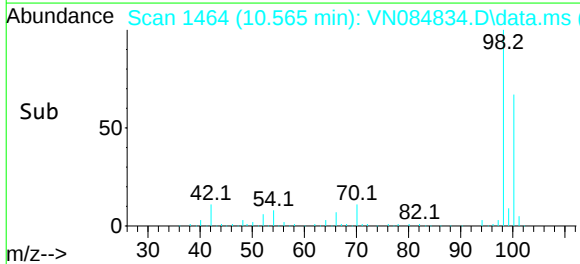
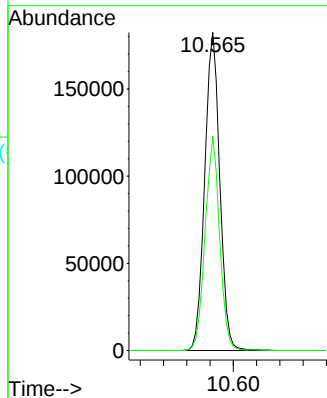
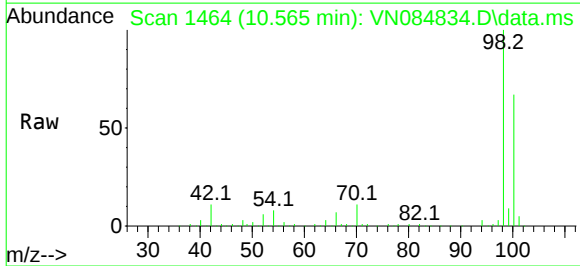
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 327499

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.829 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

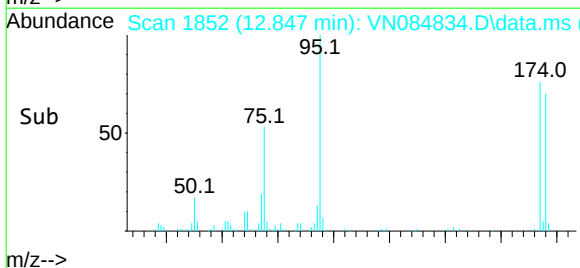
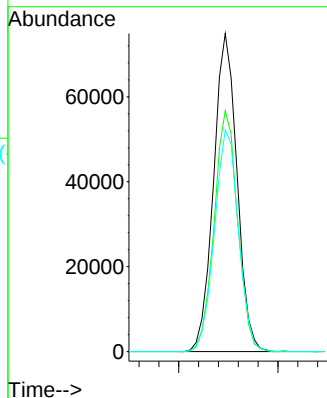
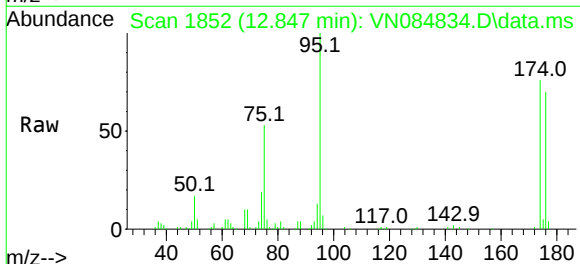
Tgt Ion: 95 Resp: 122659

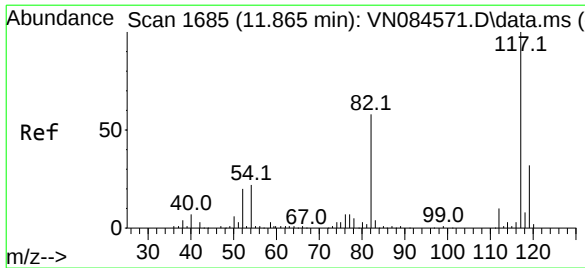
Ion Ratio Lower Upper

95 100

174 76.1 0.0 145.2

176 71.4 0.0 140.0

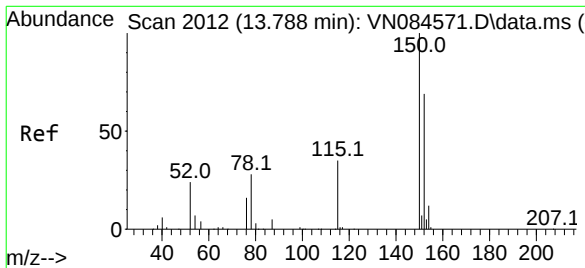
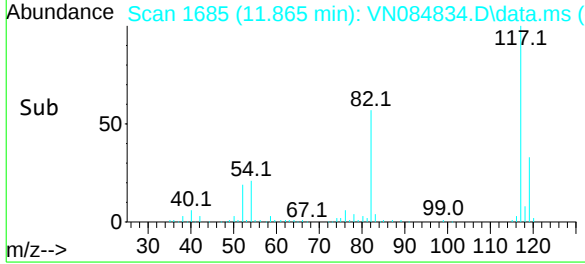
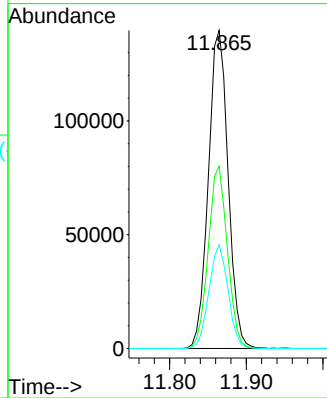
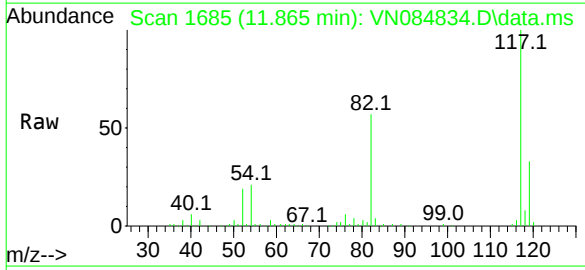




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

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Tgt Ion:	117	Resp:	249704
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.2	70.8
119	32.6	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: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion:	152	Resp:	112338
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.3	93.9
150	157.5	0.0	349.8

