

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084730.D
 Acq On : 07 Nov 2024 18:46
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 00:32:58 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	166961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115796	48.019	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	96.040%	
35) Dibromofluoromethane	8.165	113	93550	48.238	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.480%	
50) Toluene-d8	10.565	98	329989	46.192	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.380%	
62) 4-Bromofluorobenzene	12.847	95	117393	43.969	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	87.940%	

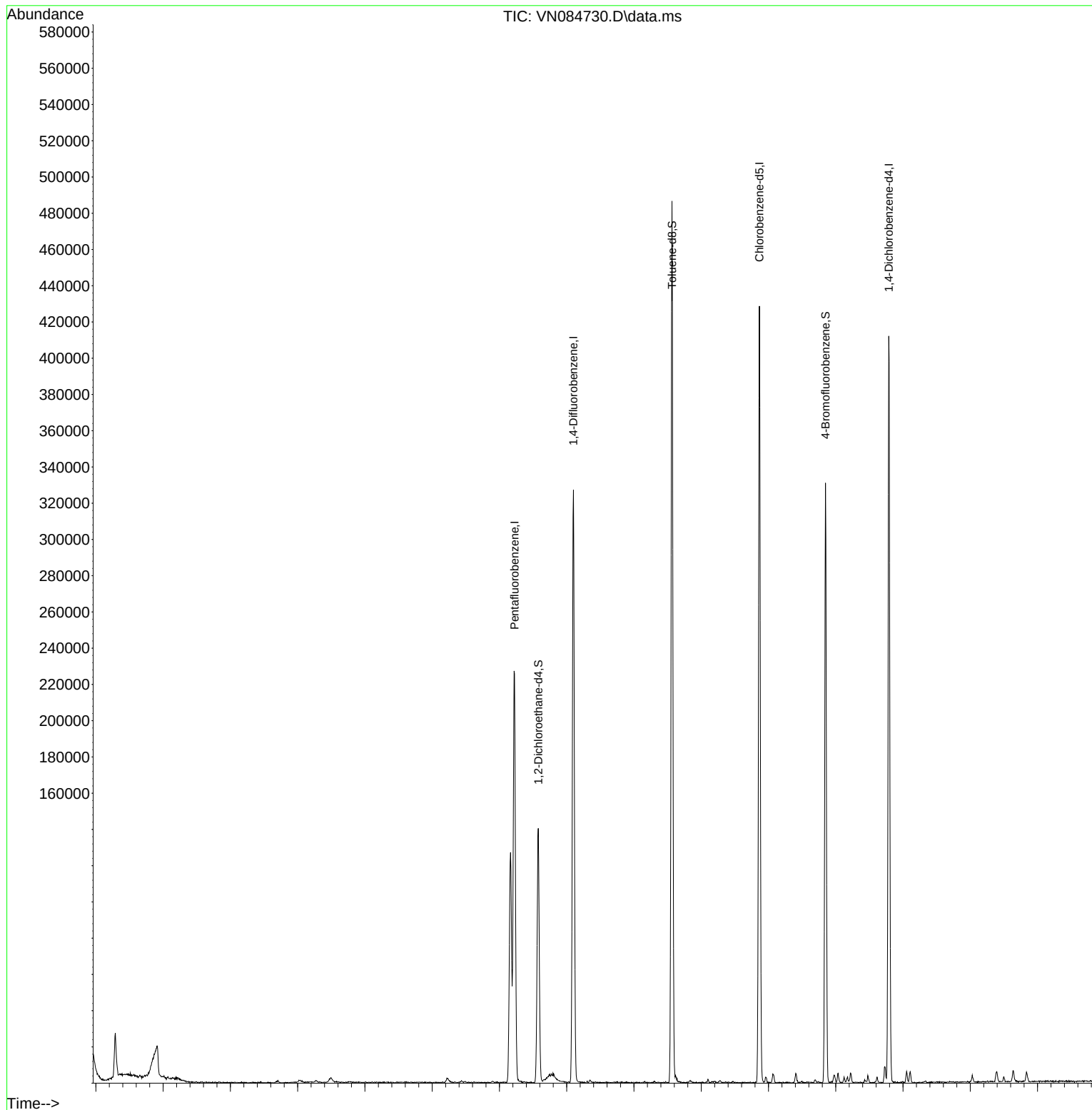
Target Compounds Qvalue

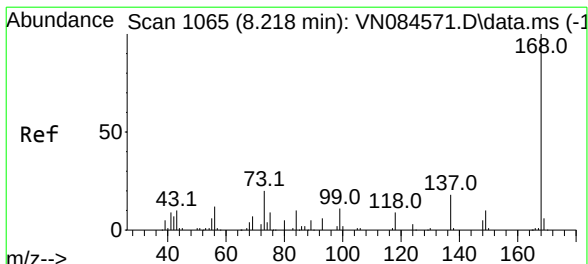
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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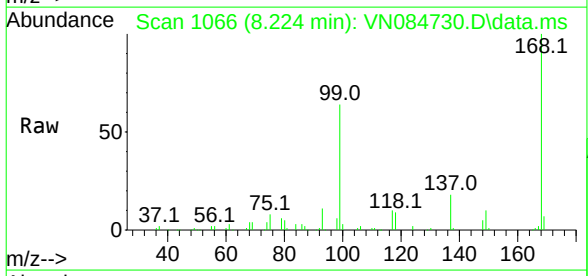
Quant Time: Nov 08 00:32:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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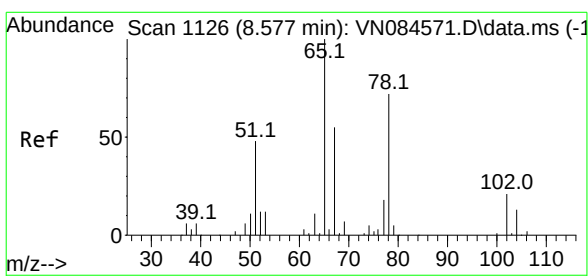
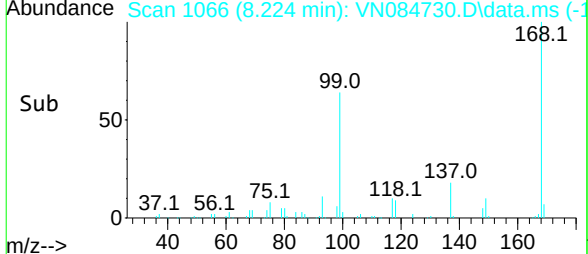
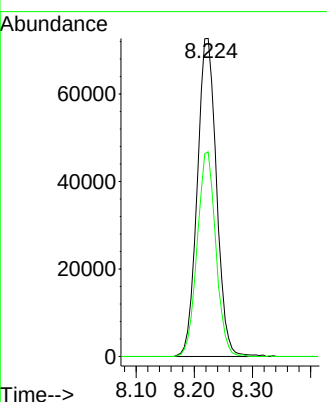
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084730.D
 Acq: 07 Nov 2024 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK



Tgt Ion: 168 Resp: 166961

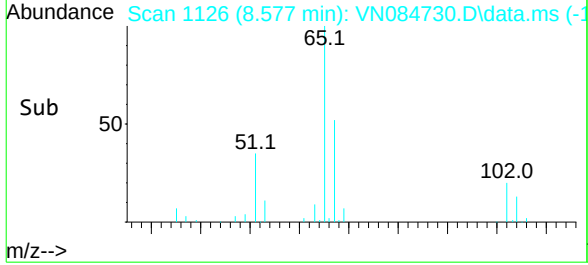
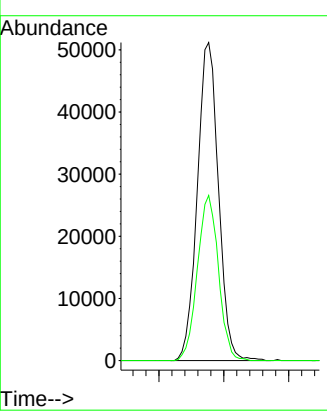
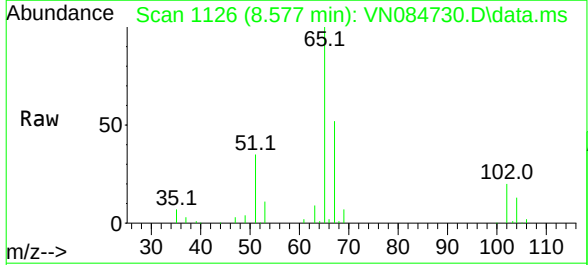
Ion	Ratio	Lower	Upper
168	100		
99	64.4	54.2	81.2

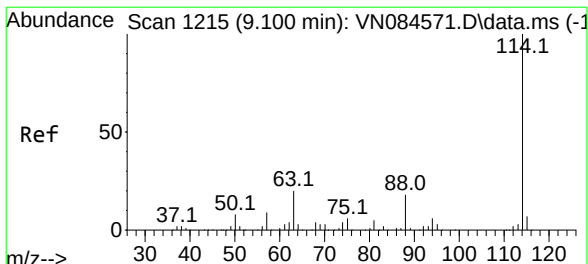


#33
 1,2-Dichloroethane-d4
 Concen: 48.019 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084730.D
 Acq: 07 Nov 2024 18:46

Tgt Ion: 65 Resp: 115796

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.0

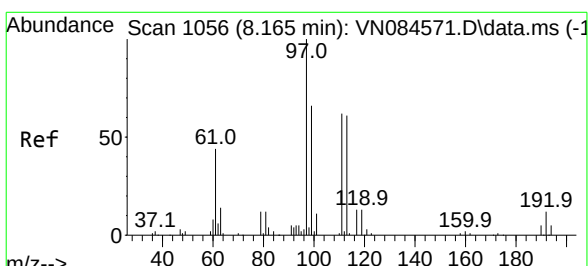
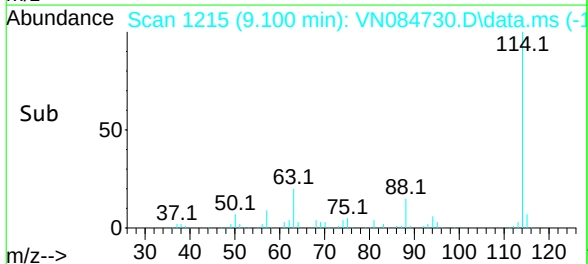
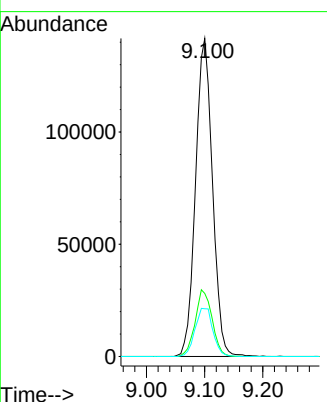
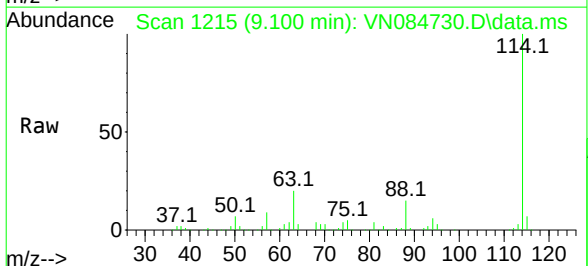




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084730.D
 Acq: 07 Nov 2024 18:46

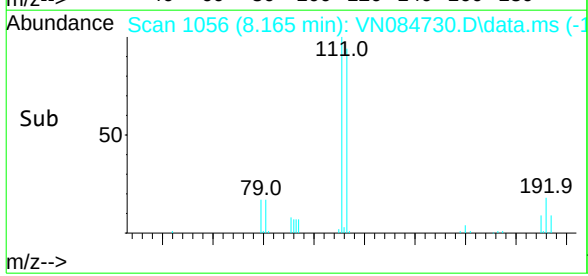
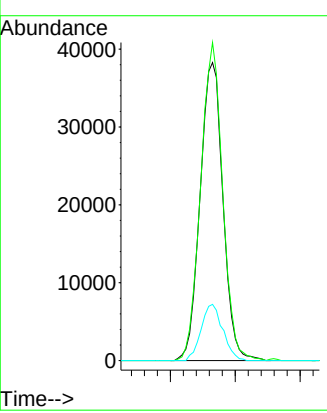
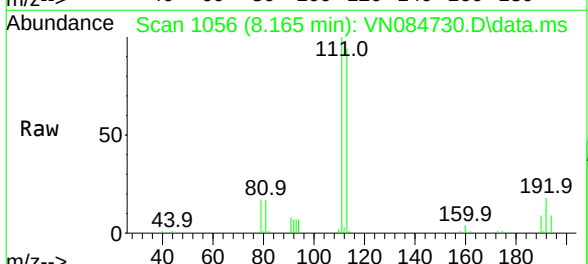
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

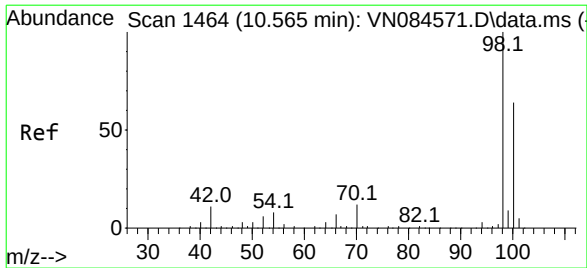
Tgt Ion:	114	Resp:	286510
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	43.8
88	15.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.238 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084730.D
 Acq: 07 Nov 2024 18:46

Tgt Ion:	113	Resp:	93550
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.3	124.9
192	17.9	13.5	20.3





#50

Toluene-d8

Concen: 46.192 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084730.D

Acq: 07 Nov 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

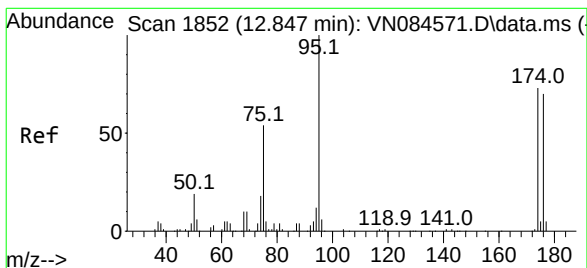
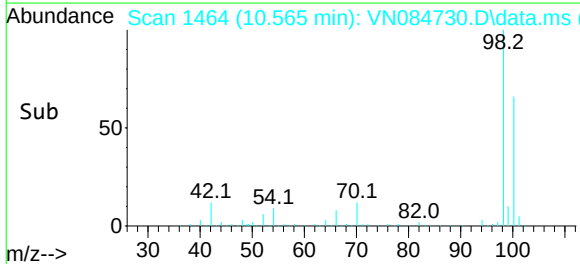
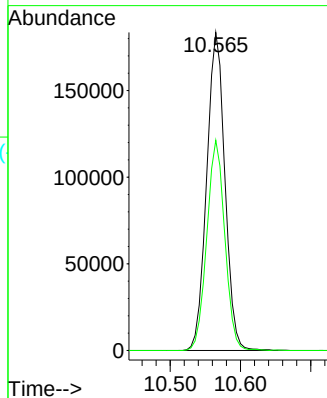
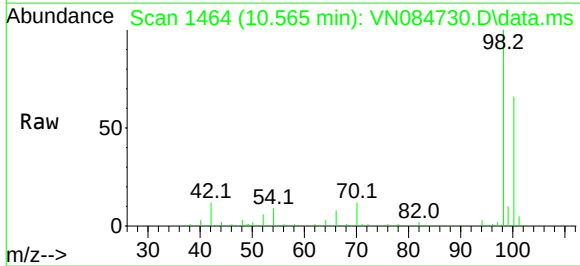
VIBLK

Tgt Ion: 98 Resp: 329989

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.969 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084730.D

Acq: 07 Nov 2024 18:46

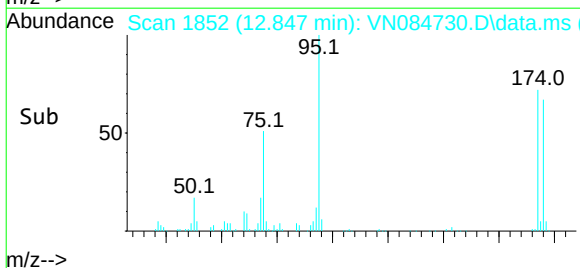
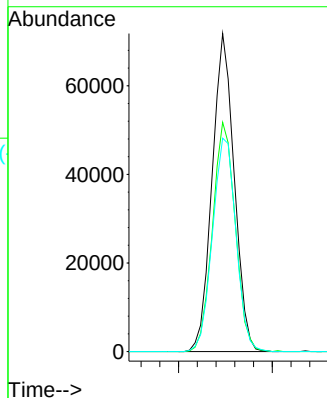
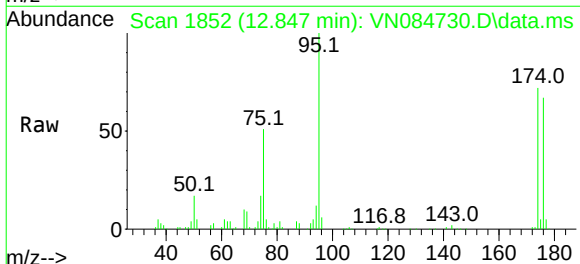
Tgt Ion: 95 Resp: 117393

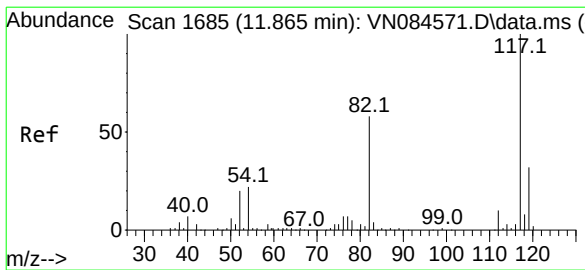
Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.2

176 71.4 0.0 140.0

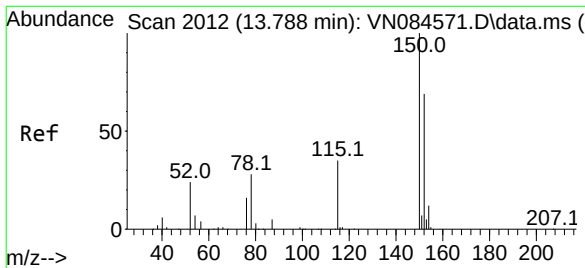
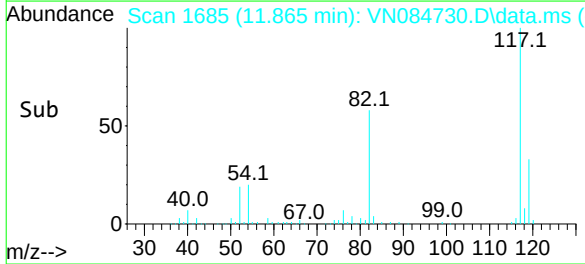
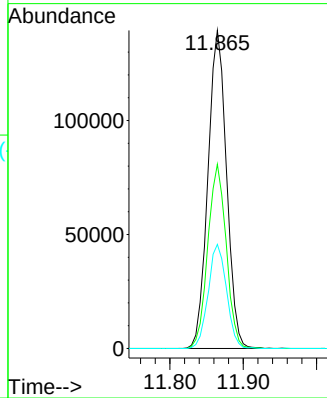
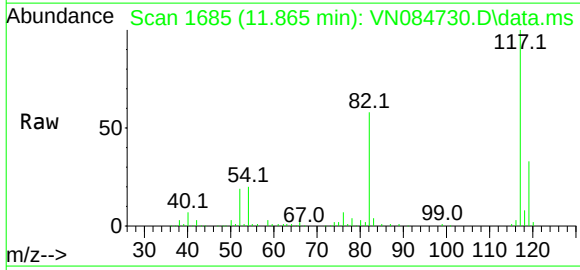




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084730.D
Acq: 07 Nov 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 246182
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 32.7 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: VN084730.D
Acq: 07 Nov 2024 18:46

Tgt Ion:152 Resp: 113078
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 156.7 0.0 349.8

