

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084937.D
 Acq On : 19 Nov 2024 11:07
 Operator : JC\MD
 Sample : VN1119WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBL01

Quant Time: Nov 20 00:22:05 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	193589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143523	51.330	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	102.660%	
35) Dibromofluoromethane	8.159	113	113721	48.436	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.880%	
50) Toluene-d8	10.565	98	402345	46.521	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.040%	
62) 4-Bromofluorobenzene	12.847	95	148211	45.853	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.700%	

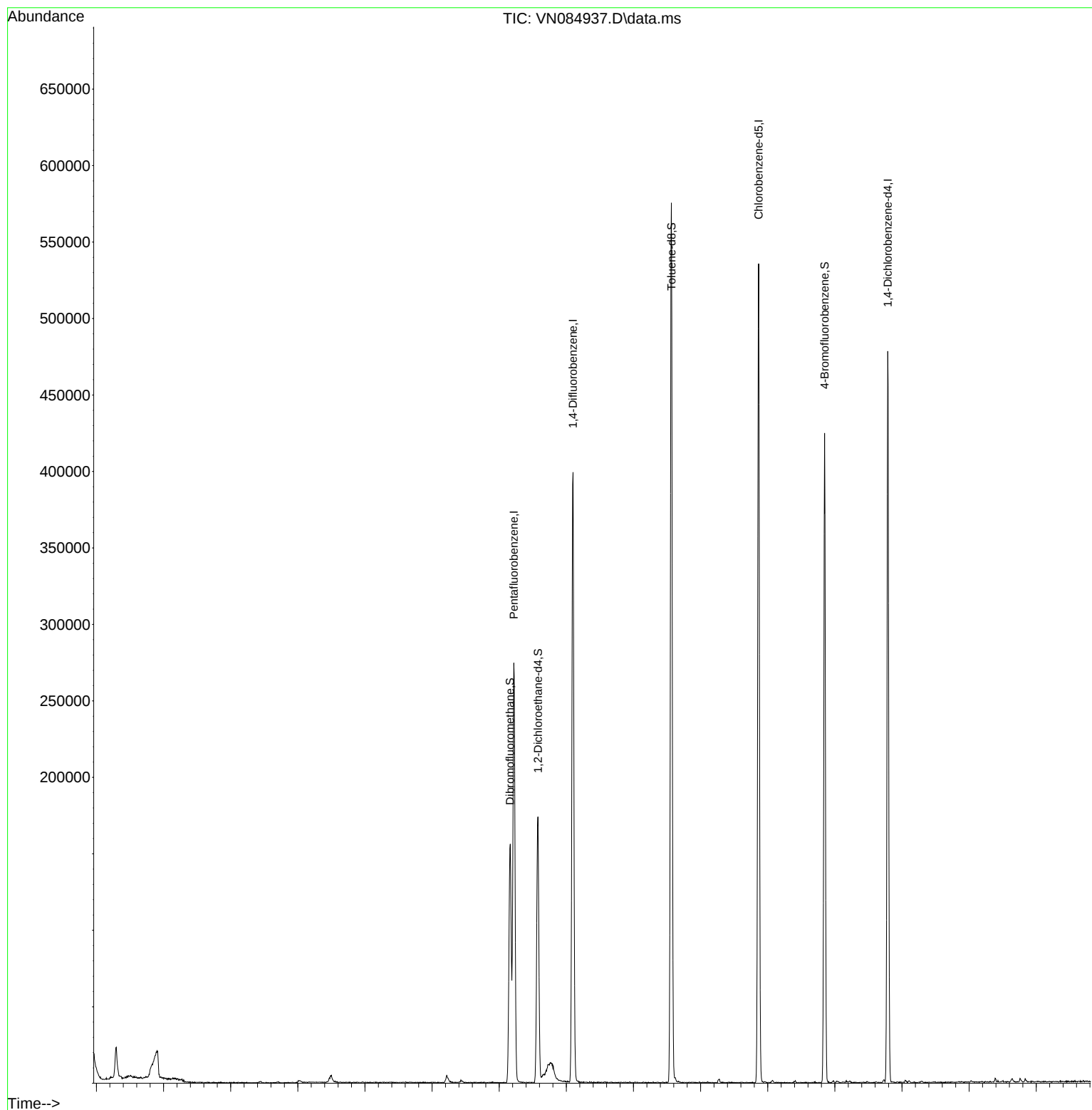
Target Compounds Qvalue

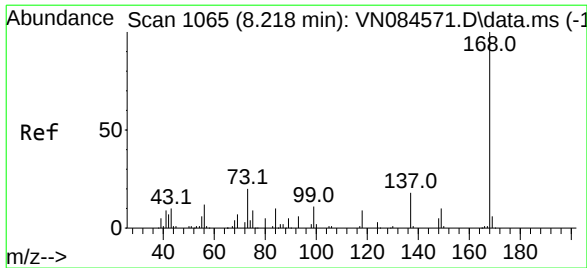
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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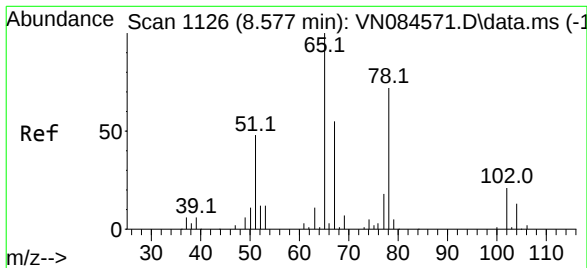
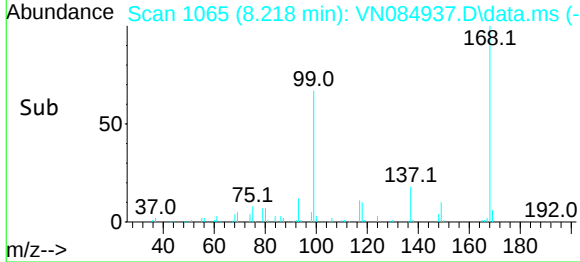
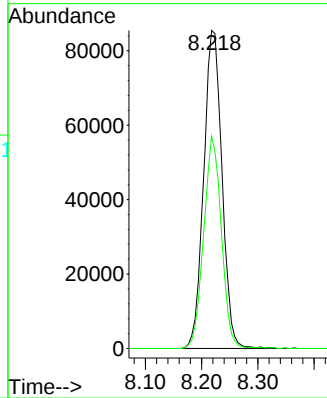
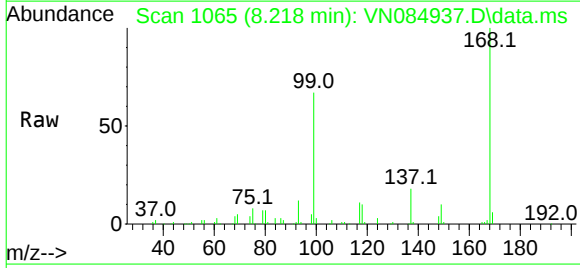




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

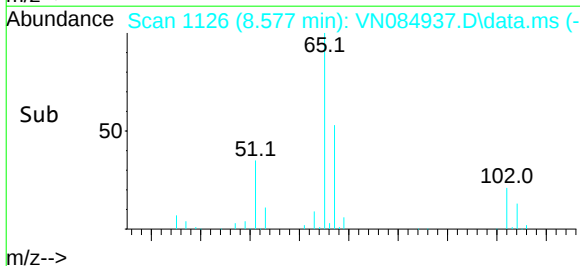
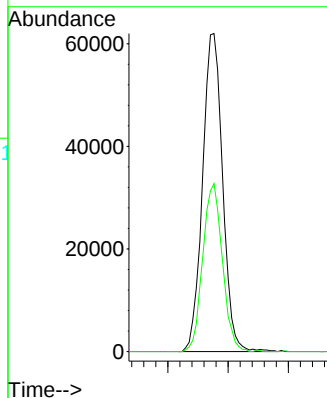
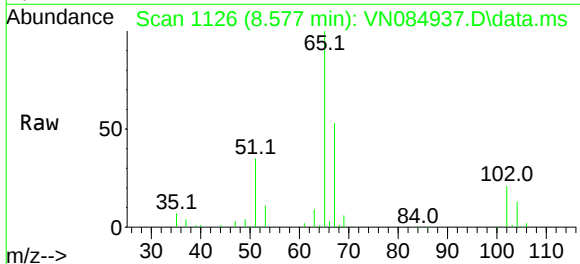
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL01

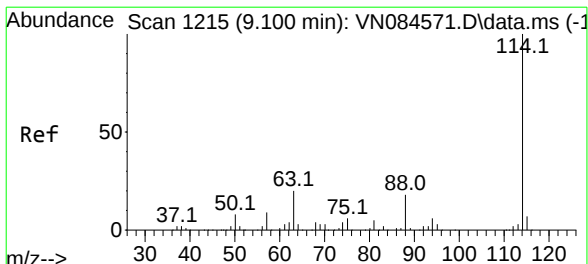
Tgt Ion:168 Resp: 193589
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.330 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Tgt Ion: 65 Resp: 143523
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

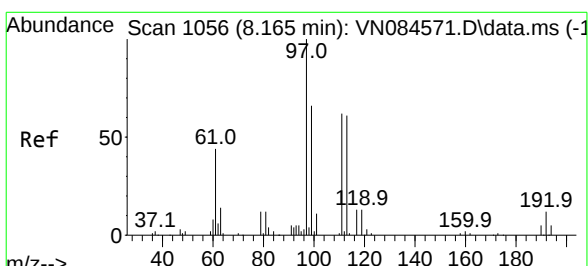
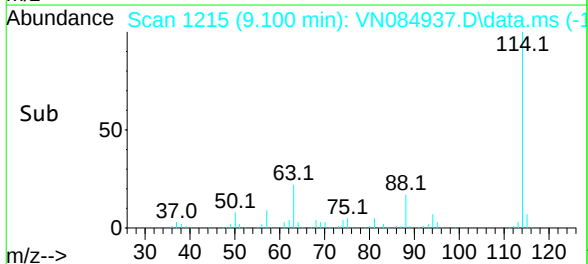
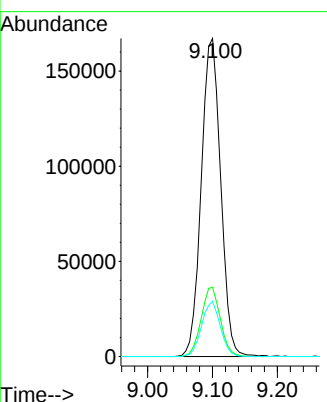
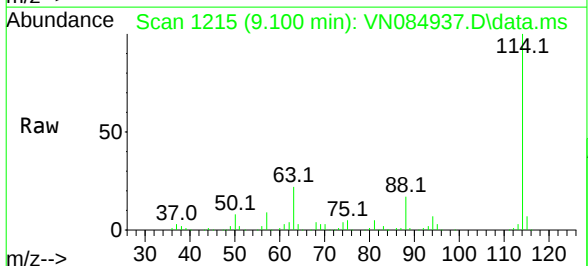




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084937.D
 Acq: 19 Nov 2024 11:07

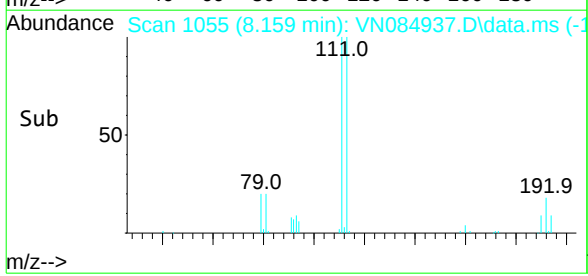
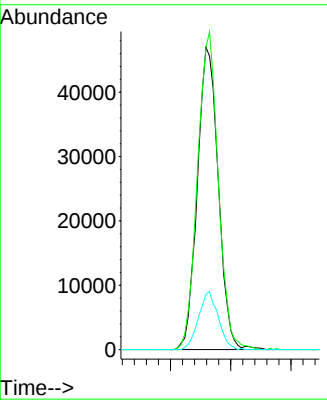
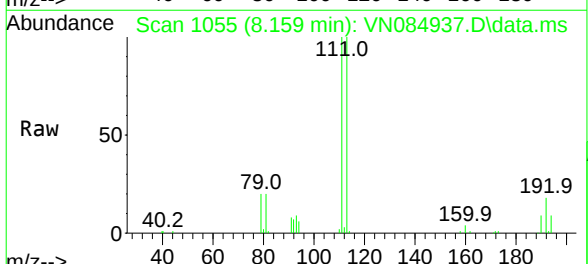
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBL01

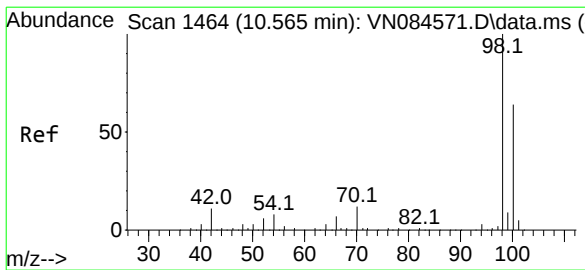
Tgt Ion:	114	Resp:	346862
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.8
88	17.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.436 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084937.D
 Acq: 19 Nov 2024 11:07

Tgt Ion:	113	Resp:	113721
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.3	124.9
192	18.0	13.5	20.3





#50

Toluene-d8

Concen: 46.521 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084937.D

Acq: 19 Nov 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

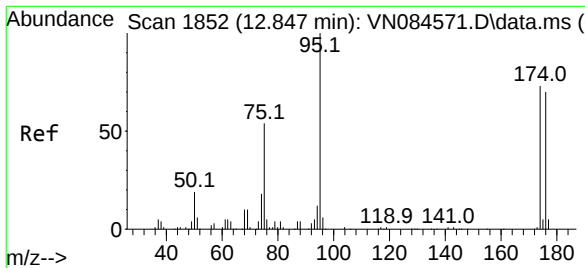
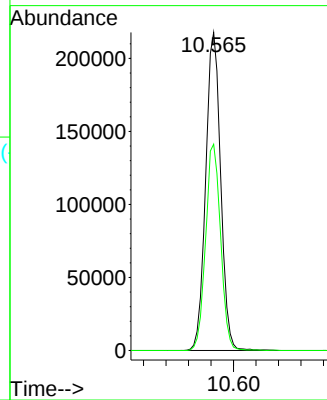
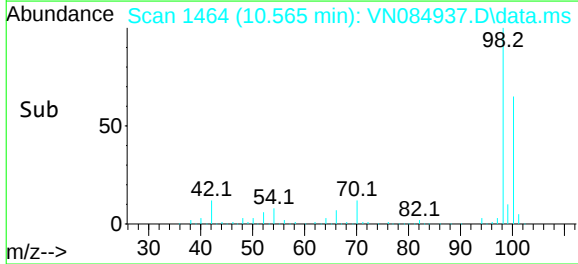
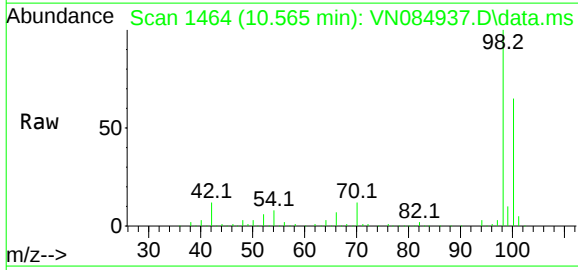
VN1119WBL01

Tgt Ion: 98 Resp: 402345

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.853 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084937.D

Acq: 19 Nov 2024 11:07

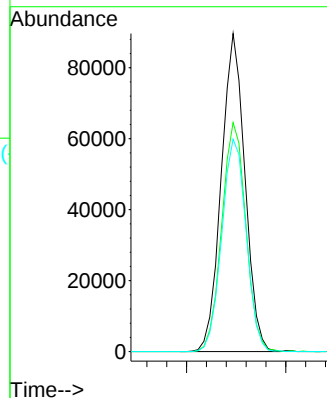
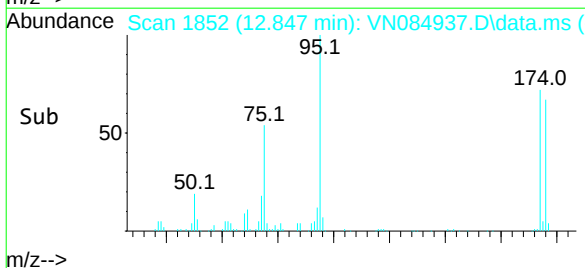
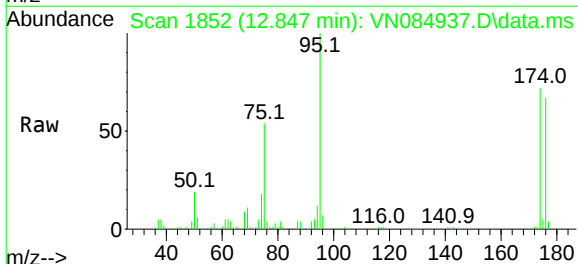
Tgt Ion: 95 Resp: 148211

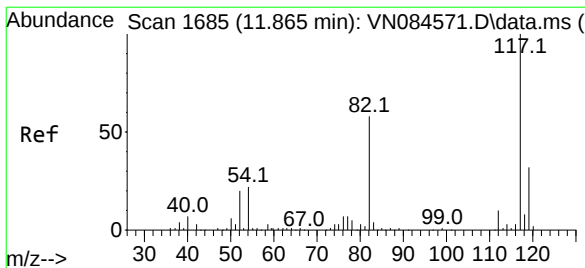
Ion Ratio Lower Upper

95 100

174 73.1 0.0 145.2

176 68.9 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: VN084937.D

Acq: 19 Nov 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBL01

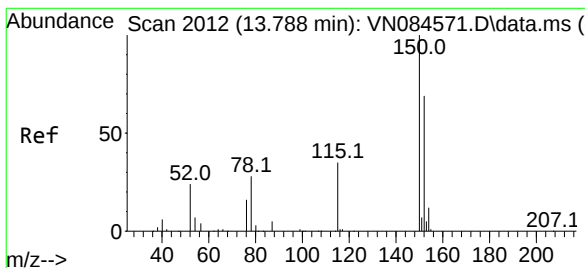
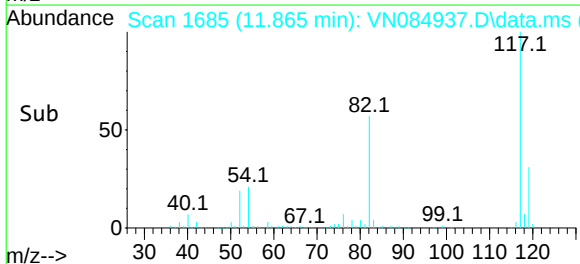
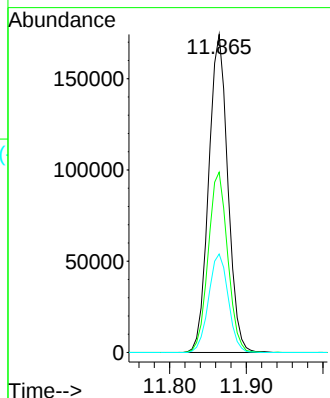
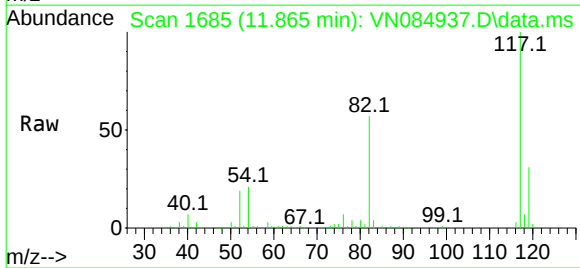
Tgt Ion:117 Resp: 301411

Ion Ratio Lower Upper

117 100

82 56.7 47.2 70.8

119 31.0 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: VN084937.D

Acq: 19 Nov 2024 11:07

Tgt Ion:152 Resp: 128229

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.9

150 157.2 0.0 349.8

