

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084674.D
 Acq On : 05 Nov 2024 09:30
 Operator : JC\MD
 Sample : VN1105MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105MBL01

Quant Time: Nov 06 00:22:36 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	165168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117440	49.229	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.460%	
35) Dibromofluoromethane	8.165	113	93461	47.896	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.800%	
50) Toluene-d8	10.565	98	332269	46.225	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.460%	
62) 4-Bromofluorobenzene	12.847	95	123004	45.787	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.580%	

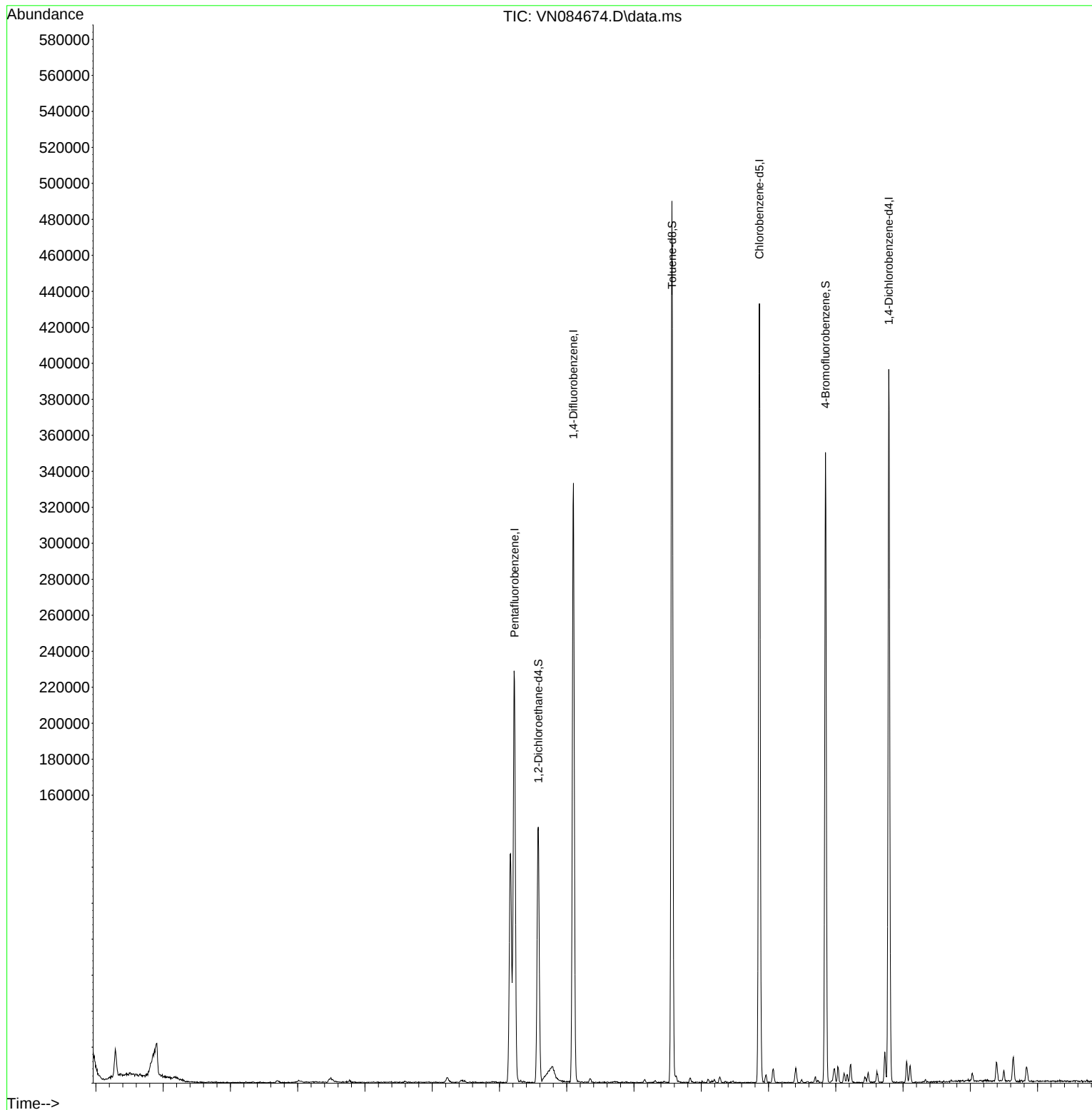
Target Compounds Qvalue

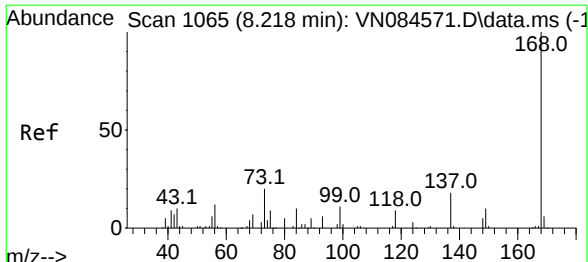
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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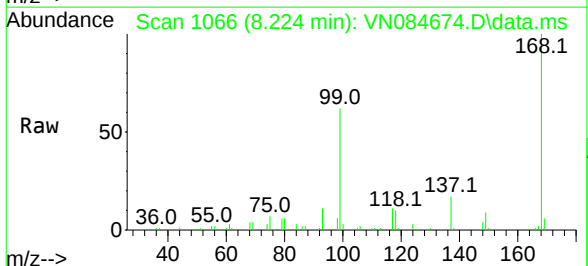
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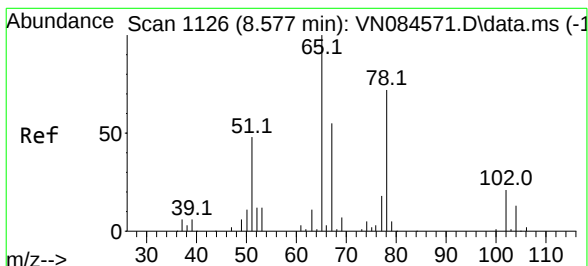
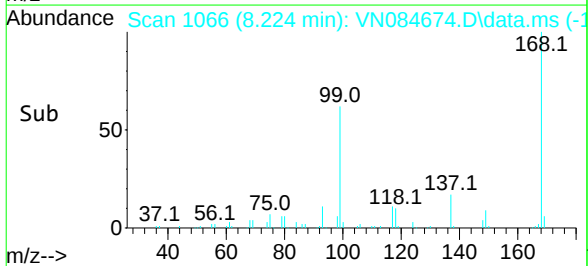
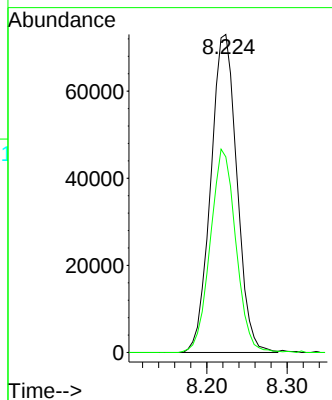


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105MBL01

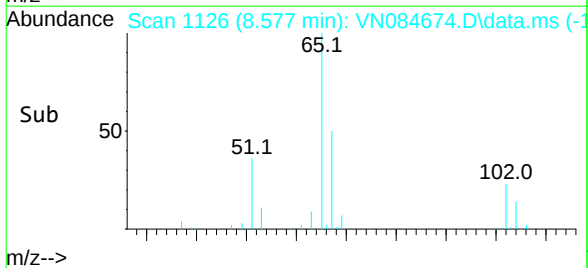
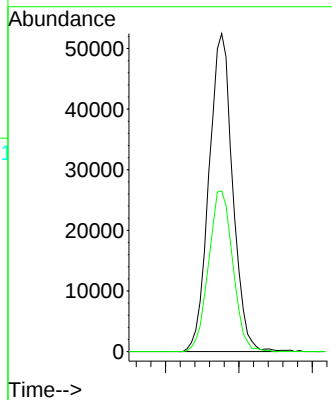
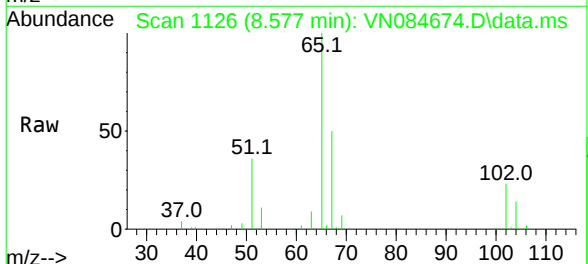


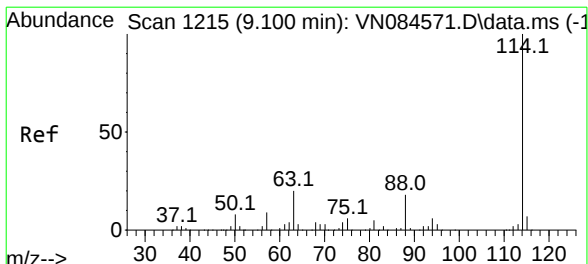
Tgt Ion: 168 Resp: 165168
 Ion Ratio Lower Upper
 168 100
 99 61.5 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 49.229 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Tgt Ion: 65 Resp: 117440
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0

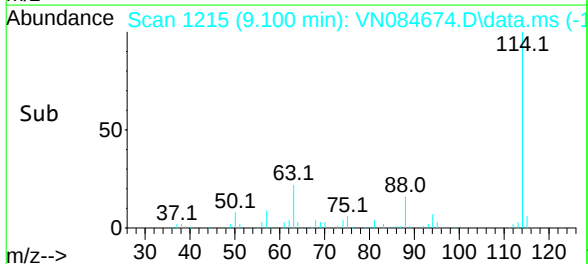
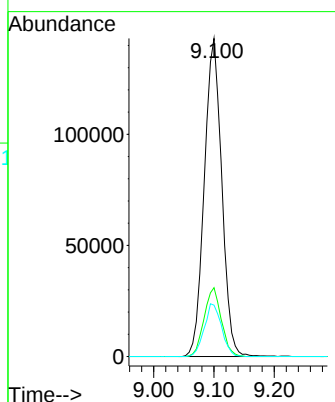
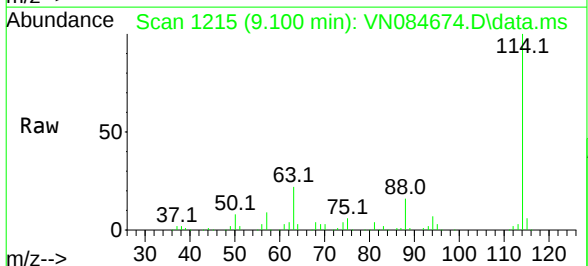




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

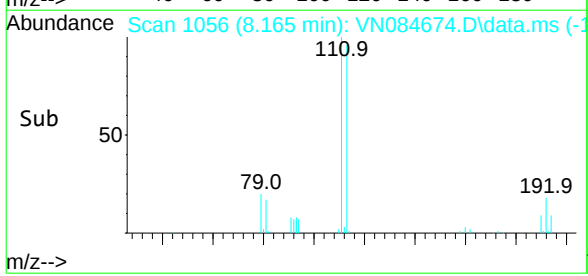
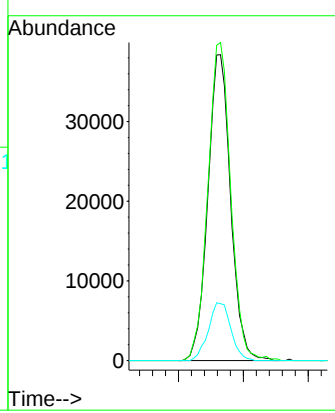
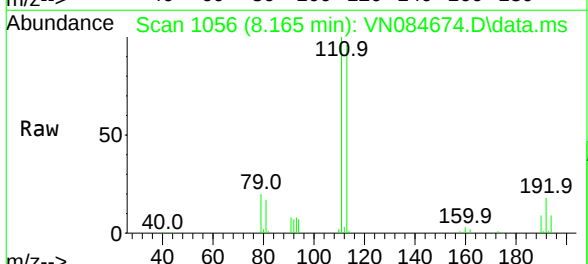
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105MBL01

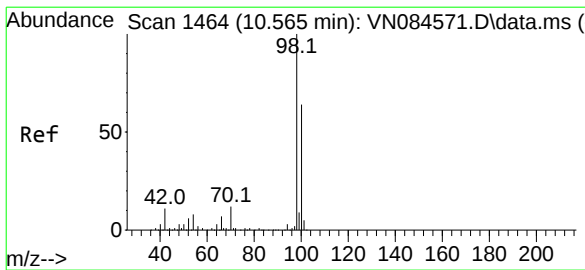
Tgt Ion:	114	Resp:	288283
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	43.8
88	16.1	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.896 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Tgt Ion:	113	Resp:	93461
Ion Ratio	Lower	Upper	
113	100		
111	104.6	83.3	124.9
192	18.7	13.5	20.3





#50

Toluene-d8

Concen: 46.225 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

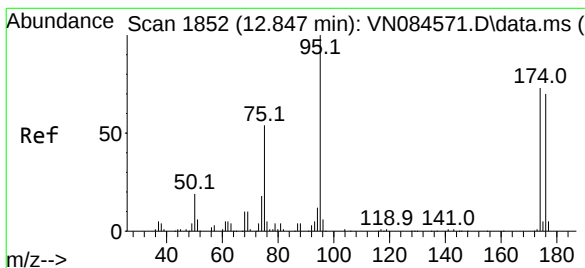
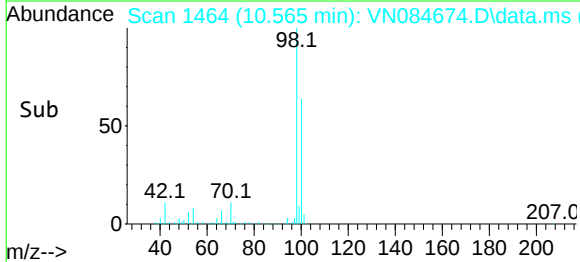
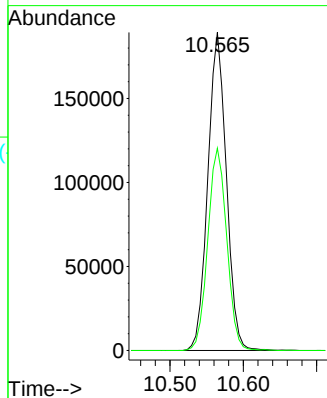
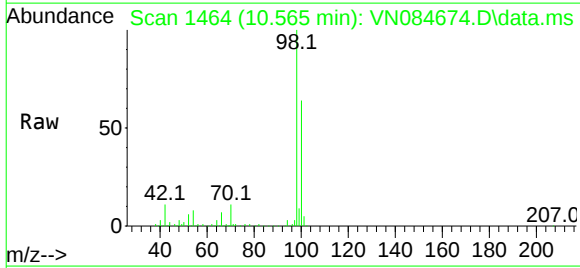
VN1105MBL01

Tgt Ion: 98 Resp: 332269

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.787 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

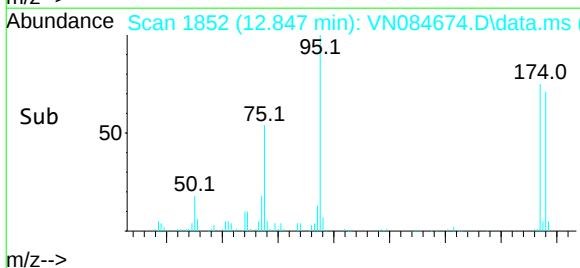
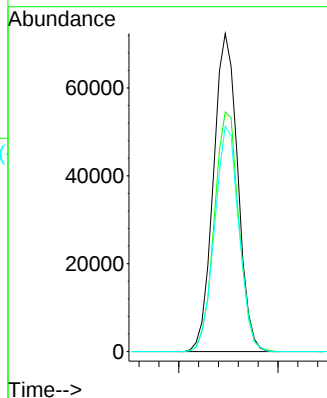
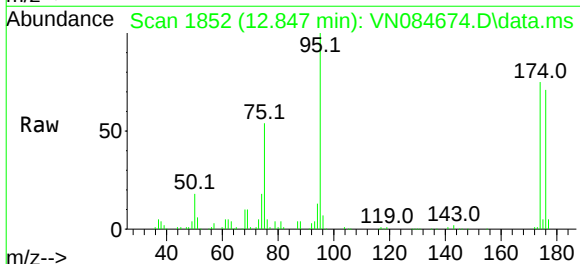
Tgt Ion: 95 Resp: 123004

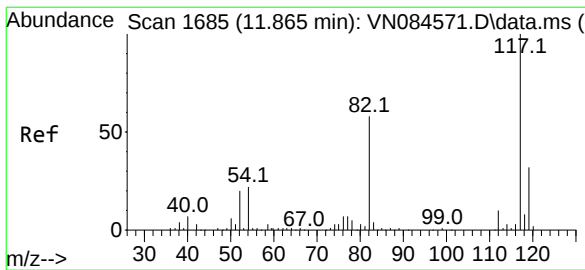
Ion Ratio Lower Upper

95 100

174 76.3 0.0 145.2

176 71.2 0.0 140.0

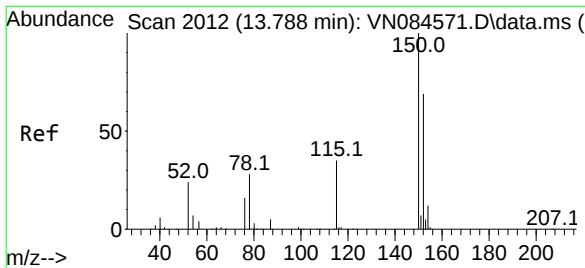
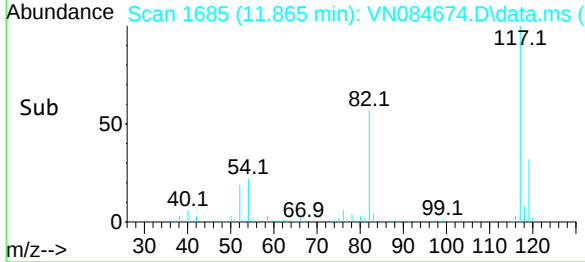
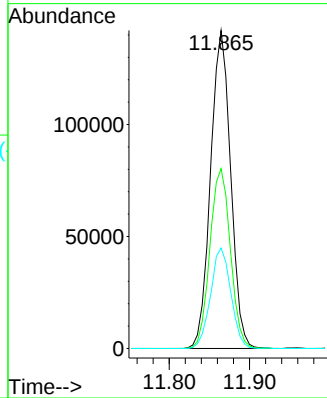
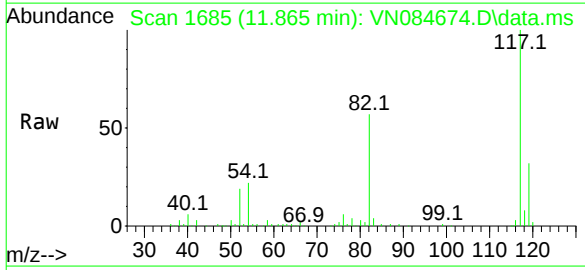




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VN1105MBL01

Tgt Ion:	117	Resp:	246622
Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.2	70.8
119	31.6	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: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion:	152	Resp:	104405
Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.3	93.9
150	164.0	0.0	349.8

