

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084851.D
 Acq On : 14 Nov 2024 14:59
 Operator : JC\MD
 Sample : P4718-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-11042024

Quant Time: Nov 15 00:48:01 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	193262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134514	48.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.159	113	107135	47.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	10.565	98	384699	45.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.960%
62) 4-Bromofluorobenzene	12.847	95	147170	47.061	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.120%

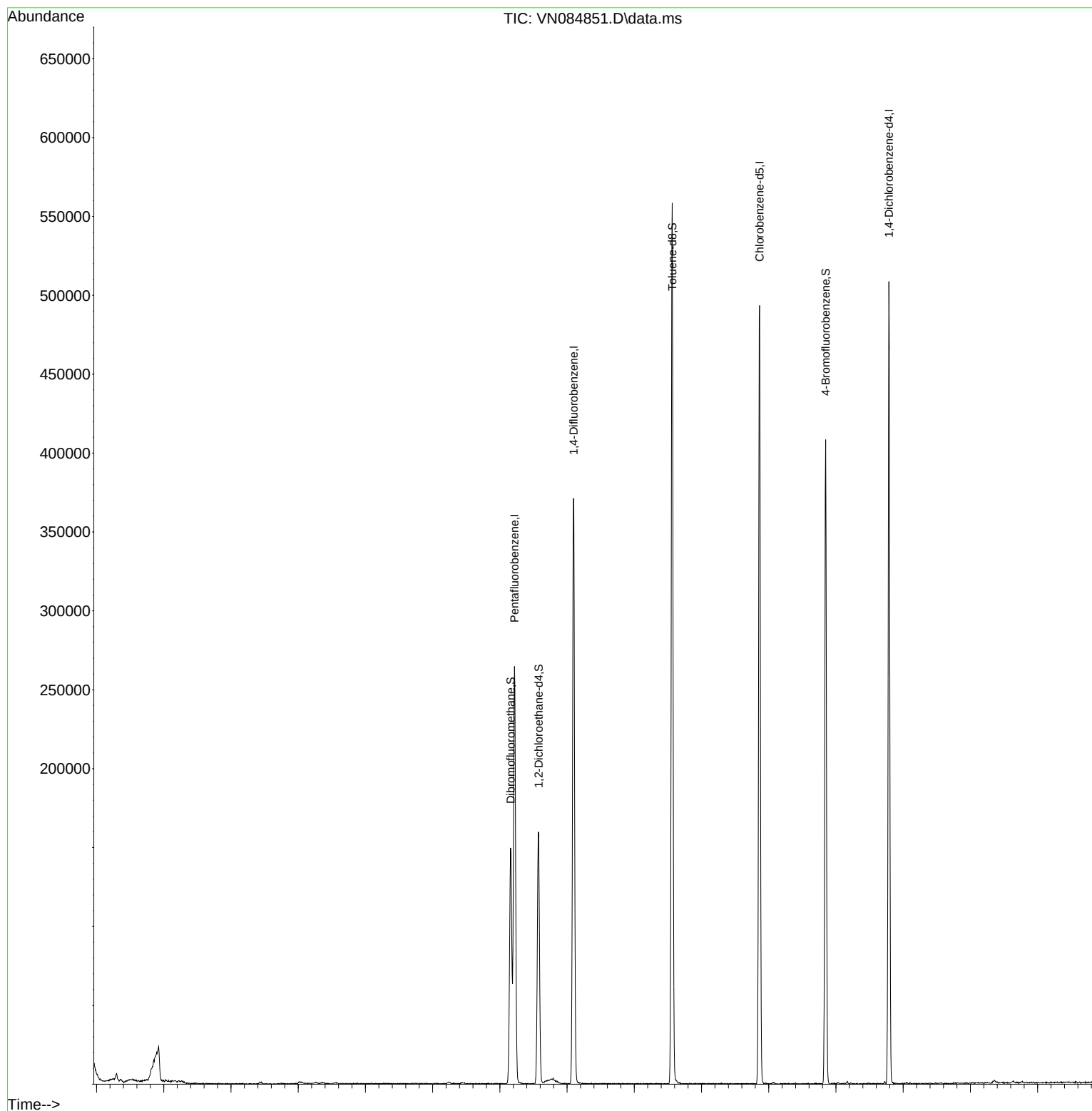
Target Compounds Qvalue

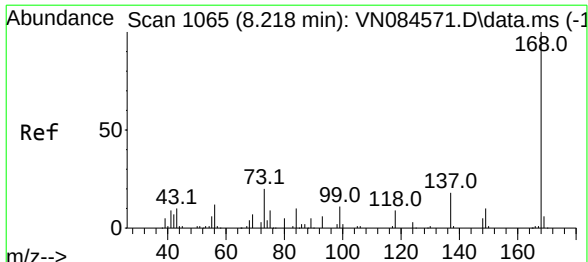
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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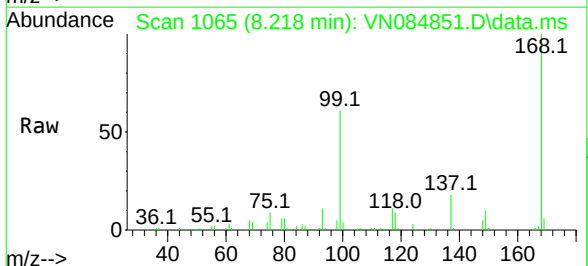
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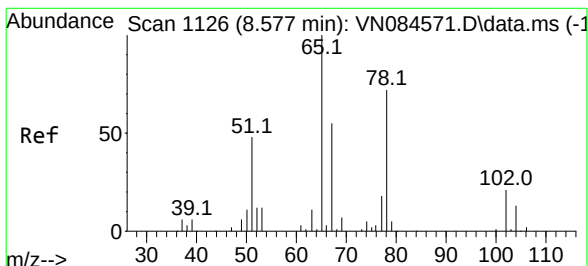
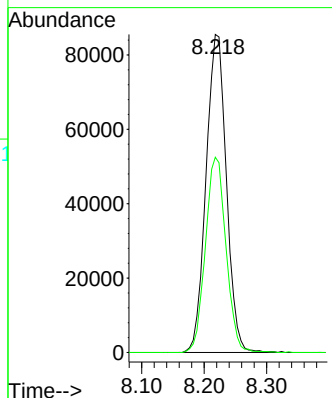
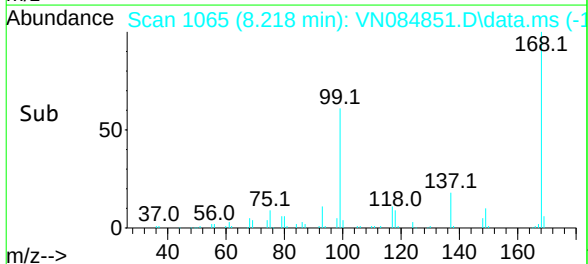


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084851.D
 Acq: 14 Nov 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-11042024

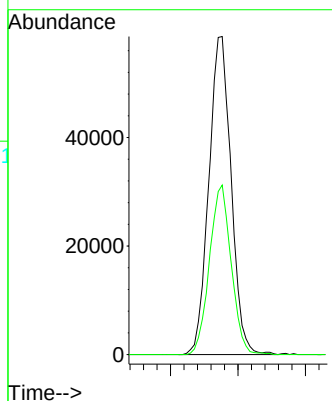
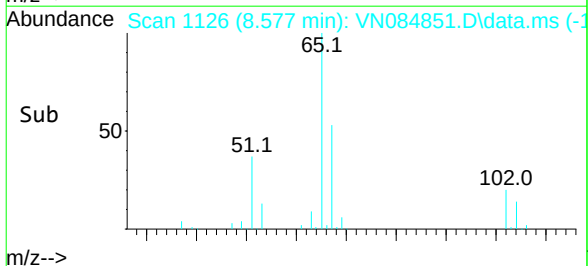
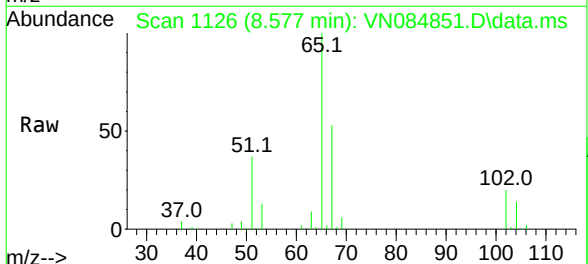


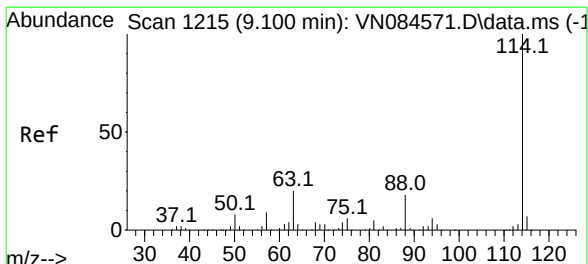
Tgt Ion: 168 Resp: 193262
 Ion Ratio Lower Upper
 168 100
 99 61.4 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 48.189 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084851.D
 Acq: 14 Nov 2024 14:59

Tgt Ion: 65 Resp: 134514
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.0

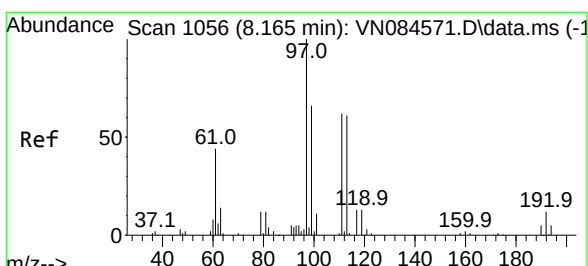
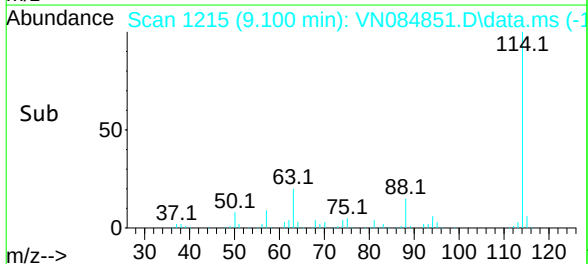
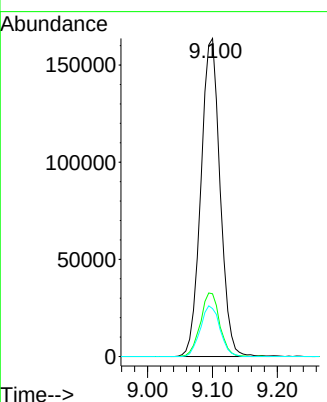
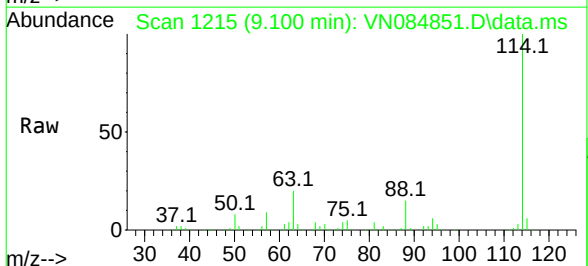




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084851.D
 Acq: 14 Nov 2024 14:59

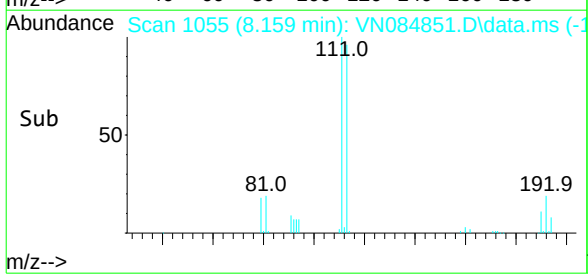
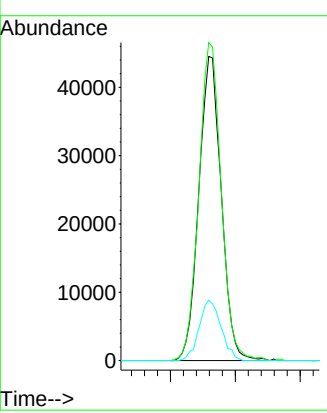
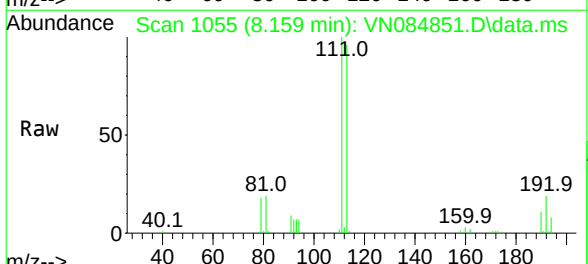
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-11042024

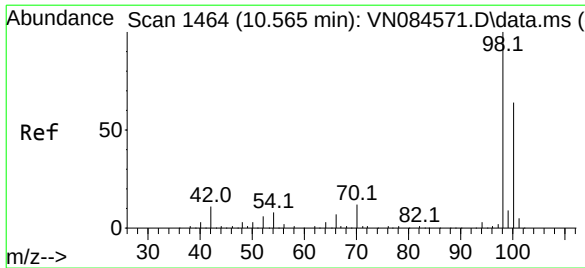
Tgt Ion:	114	Resp:	335586
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	43.8
88	15.1	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.165 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084851.D
 Acq: 14 Nov 2024 14:59

Tgt Ion:	113	Resp:	107135
Ion Ratio	Lower	Upper	
113	100		
111	104.3	83.3	124.9
192	19.4	13.5	20.3





#50

Toluene-d8

Concen: 45.975 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084851.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

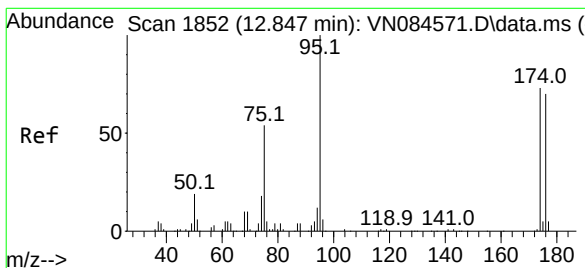
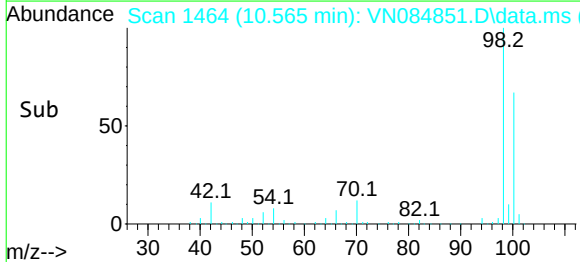
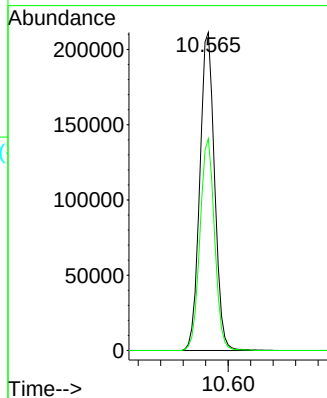
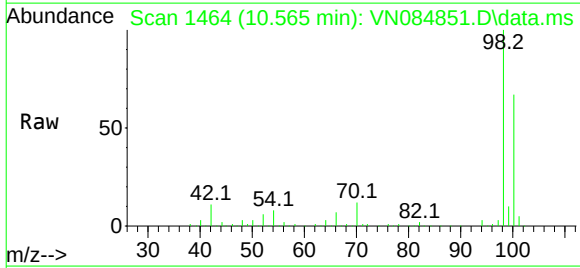
TB-11042024

Tgt Ion: 98 Resp: 384699

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 47.061 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084851.D

Acq: 14 Nov 2024 14:59

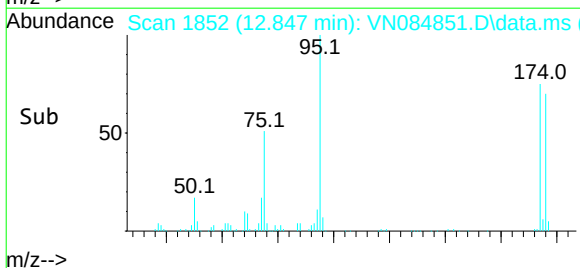
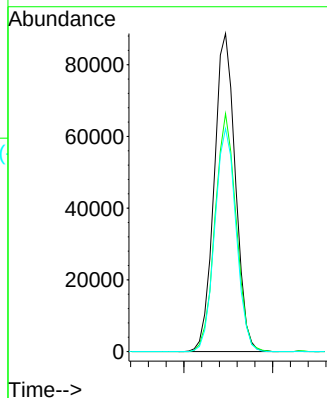
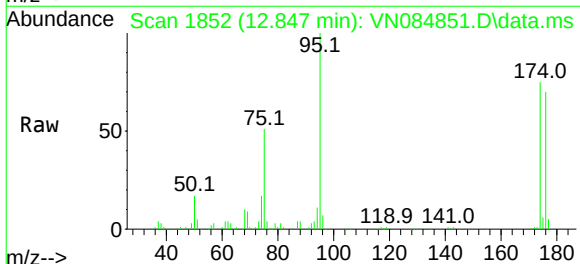
Tgt Ion: 95 Resp: 147170

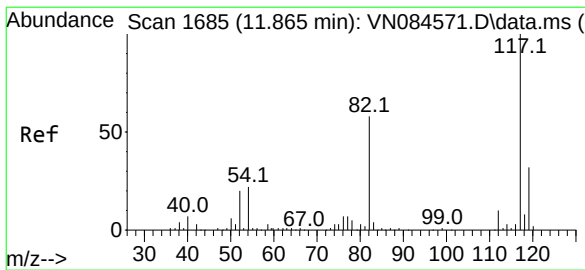
Ion Ratio Lower Upper

95 100

174 74.4 0.0 145.2

176 70.4 0.0 140.0

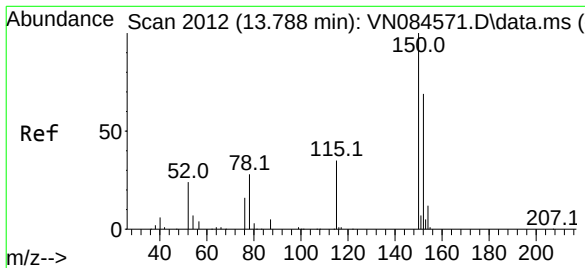
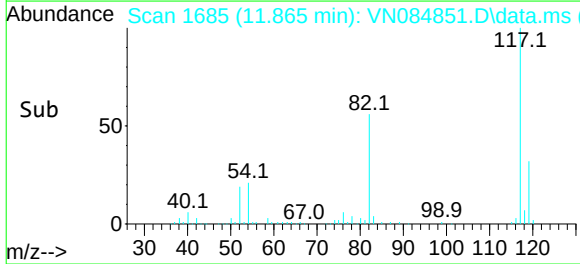
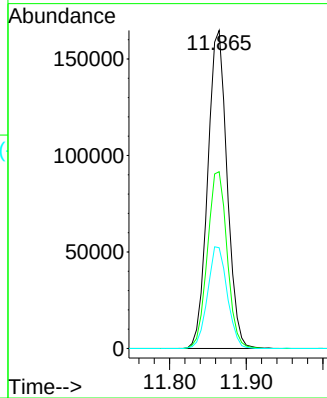
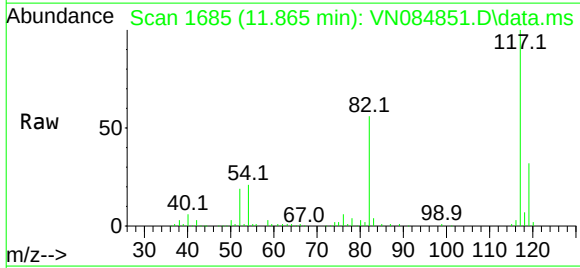




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084851.D
Acq: 14 Nov 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :
TB-11042024

Tgt Ion:	117	Resp:	288886
Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.2	70.8
119	31.7	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: VN084851.D
Acq: 14 Nov 2024 14:59

Tgt Ion:	152	Resp:	136820
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.3	93.9
150	158.2	0.0	349.8

