

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085344.D
 Acq On : 30 Dec 2024 14:49
 Operator : JC\MD
 Sample : P5386-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00397

Quant Time: Dec 31 02:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	135315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	73532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110215	57.107	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.220%		
35) Dibromofluoromethane	8.165	113	87269	56.625	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 113.260%		
50) Toluene-d8	10.565	98	295545	52.259	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.520%		
62) 4-Bromofluorobenzene	12.847	95	80736	42.986	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.980%		

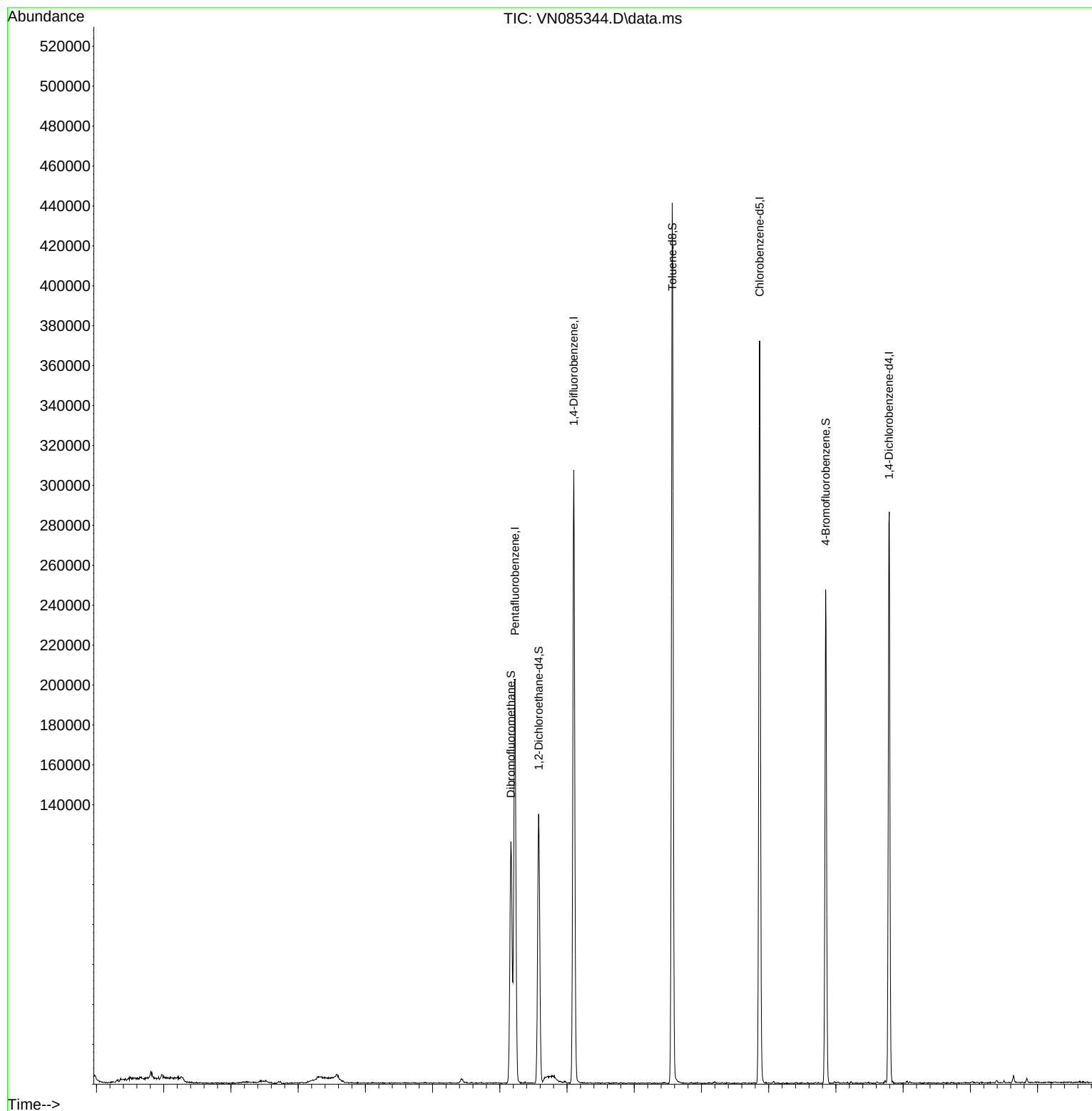
Target Compounds Qvalue

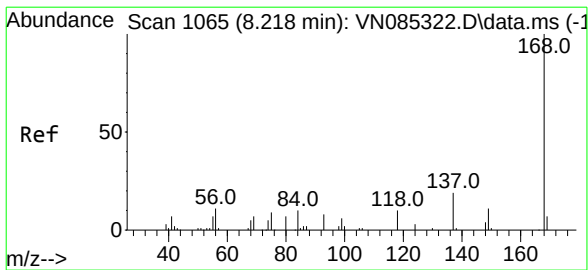
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN085344.D

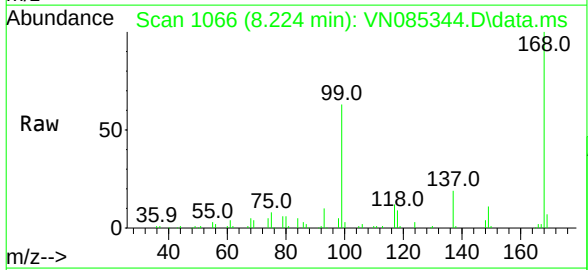
Acq: 30 Dec 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00397

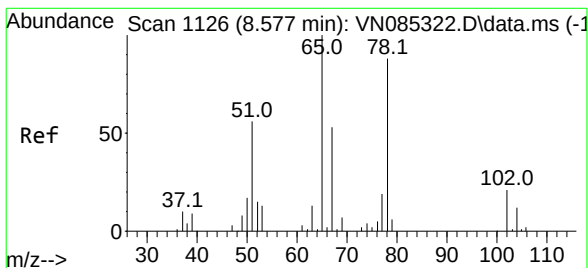
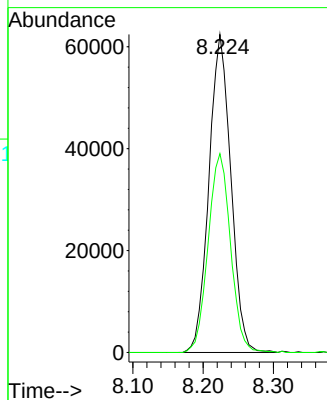
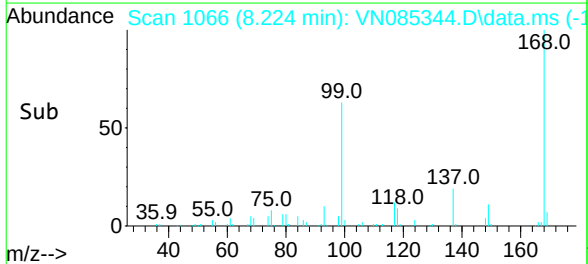


Tgt Ion:168 Resp: 135315

Ion Ratio Lower Upper

168 100

99 62.5 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: 57.107 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085344.D

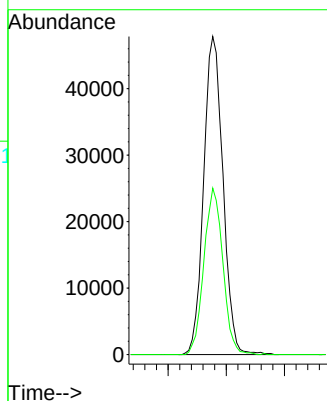
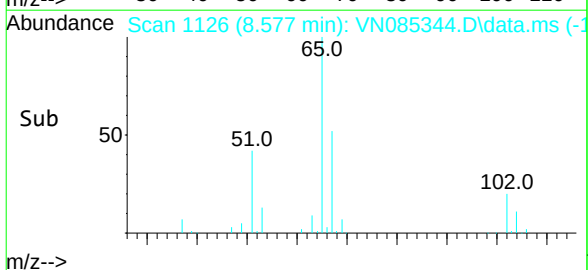
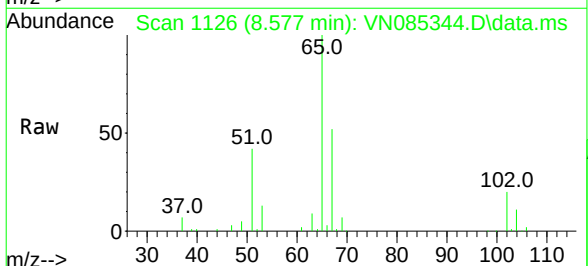
Acq: 30 Dec 2024 14:49

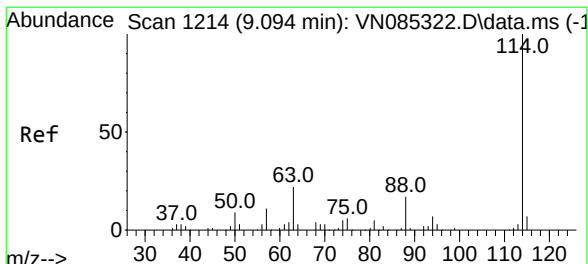
Tgt Ion: 65 Resp: 110215

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0

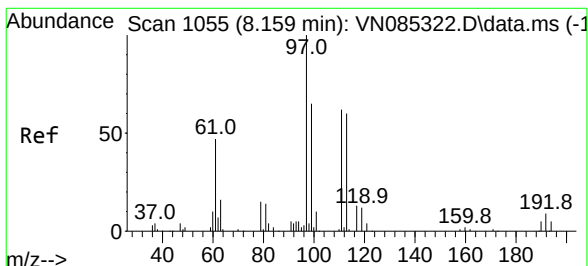
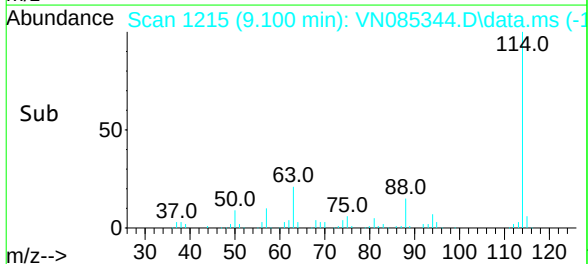
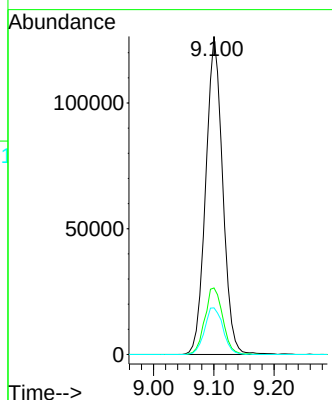
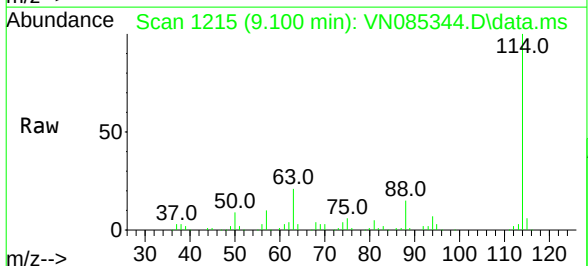




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085344.D
 Acq: 30 Dec 2024 14:49

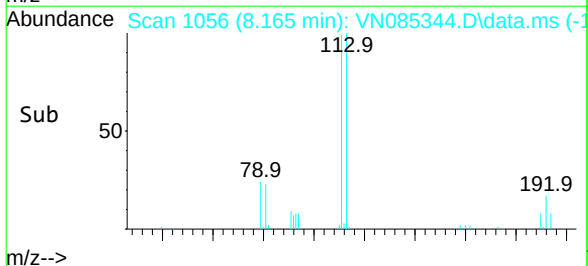
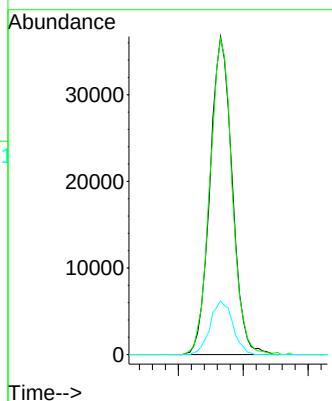
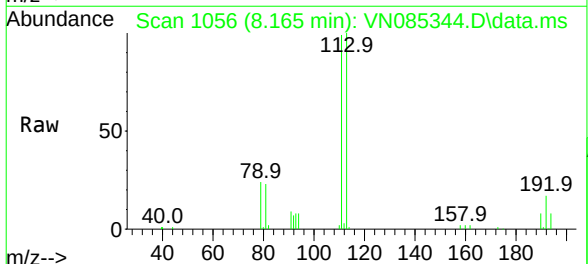
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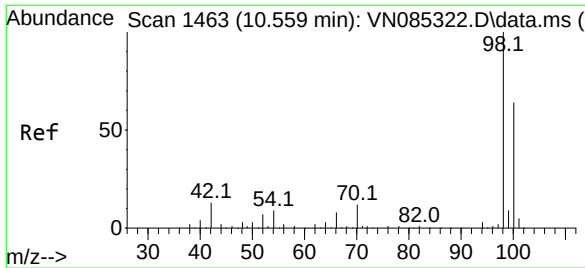
Tgt Ion:	114	Resp:	247039
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.4
88	14.7	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 56.625 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085344.D
 Acq: 30 Dec 2024 14:49

Tgt Ion:	113	Resp:	87269
Ion	Ratio	Lower	Upper
113	100		
111	99.8	80.5	120.7
192	17.2	12.9	19.3





#50

Toluene-d8

Concen: 52.259 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085344.D

Acq: 30 Dec 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

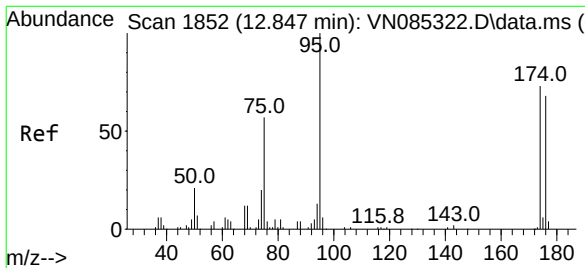
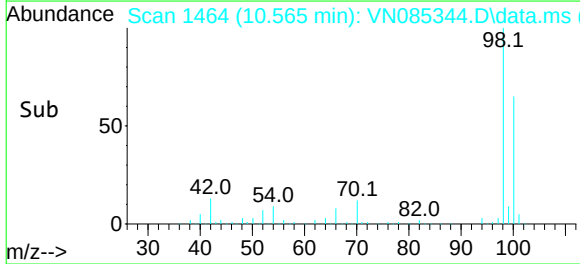
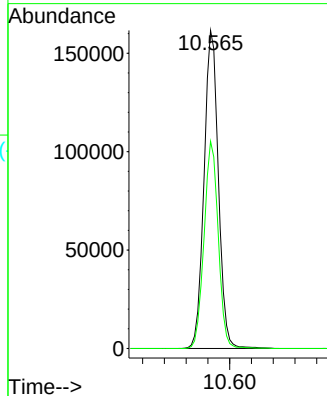
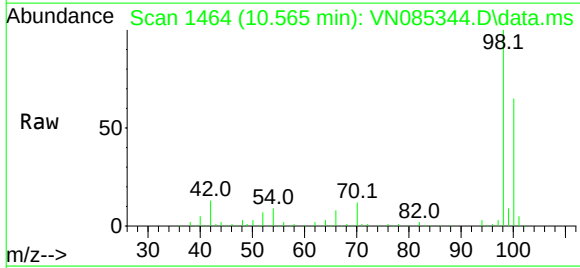
MOO-24-00397

Tgt Ion: 98 Resp: 295545

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 42.986 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085344.D

Acq: 30 Dec 2024 14:49

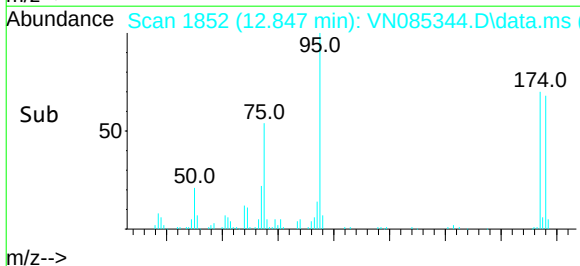
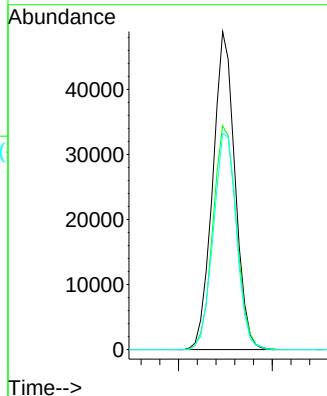
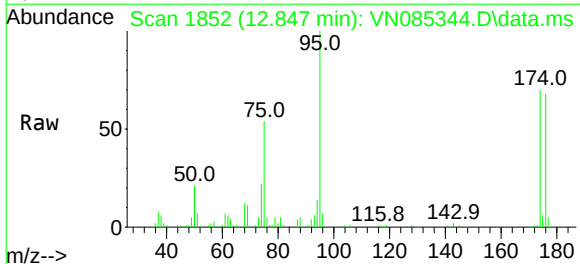
Tgt Ion: 95 Resp: 80736

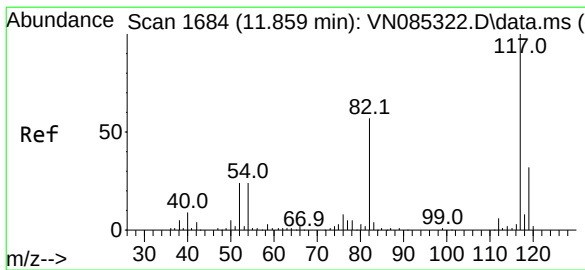
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.2

176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085344.D

Acq: 30 Dec 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00397

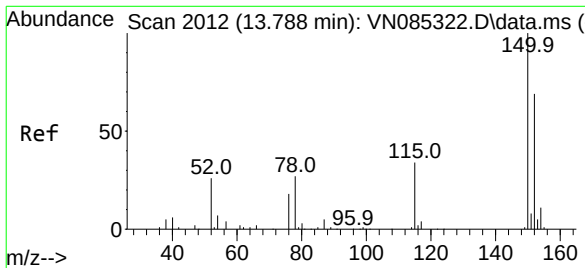
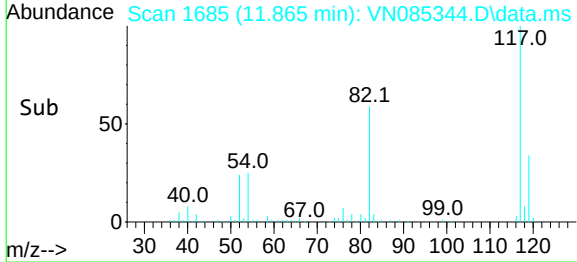
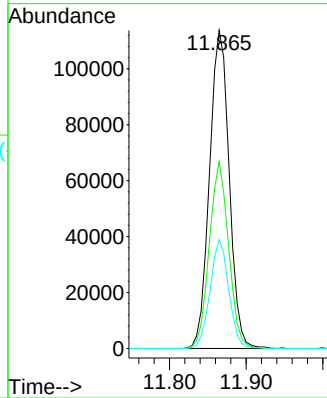
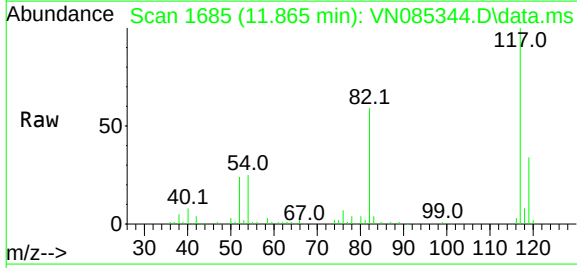
Tgt Ion:117 Resp: 202698

Ion Ratio Lower Upper

117 100

82 58.7 45.7 68.5

119 34.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085344.D

Acq: 30 Dec 2024 14:49

Tgt Ion:152 Resp: 73532

Ion Ratio Lower Upper

152 100

115 63.0 30.4 91.3

150 155.2 0.0 345.0

