

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085578.D
 Acq On : 30 Jan 2025 14:32
 Operator : JC\MD
 Sample : VN0130WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01

Quant Time: Jan 31 02:34:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154457	56.458	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.920%		
35) Dibromofluoromethane	8.165	113	117387	53.679	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.360%		
50) Toluene-d8	10.565	98	389115	50.080	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.160%		
62) 4-Bromofluorobenzene	12.847	95	120418	45.306	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.620%		

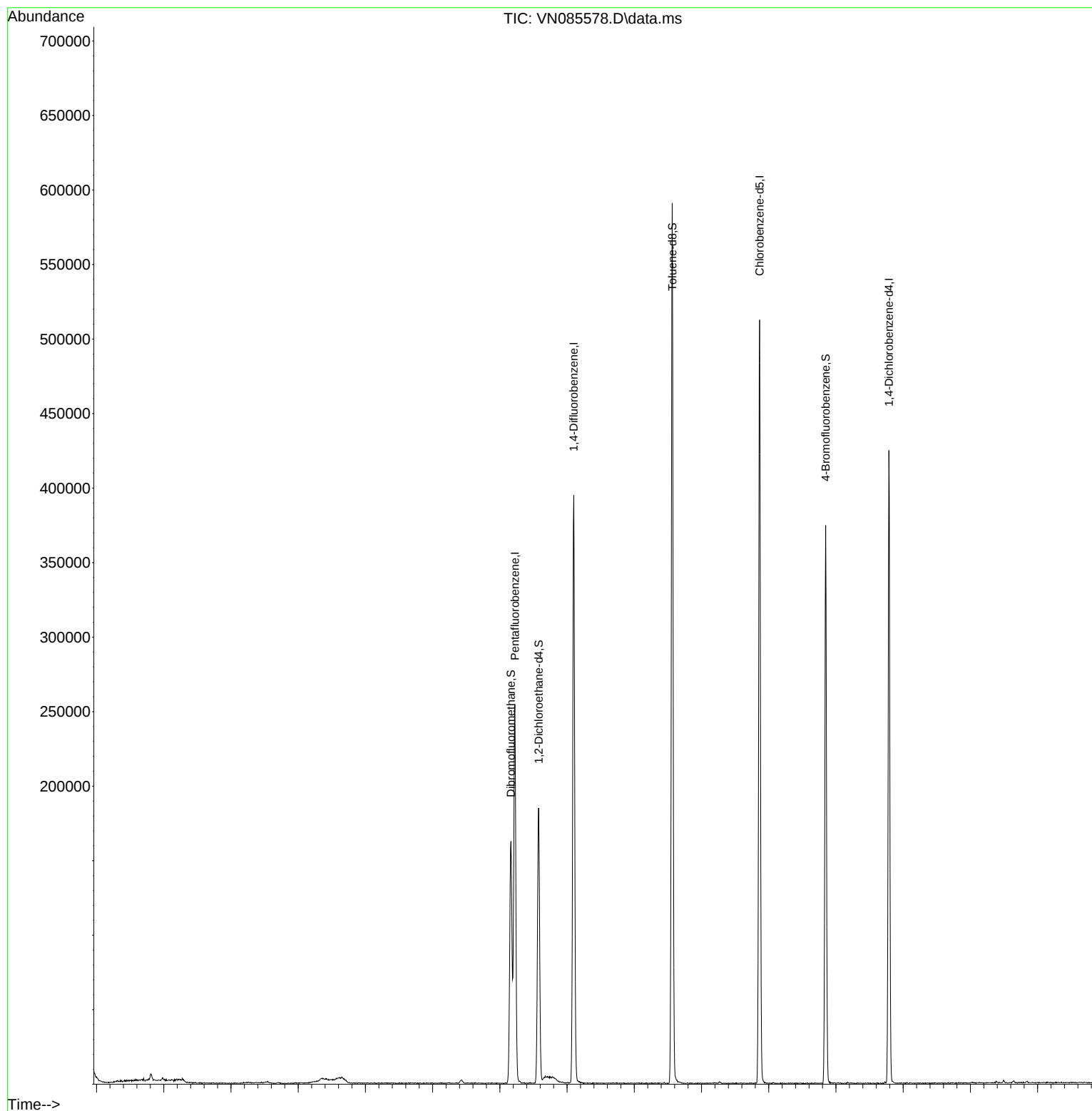
Target Compounds Qvalue

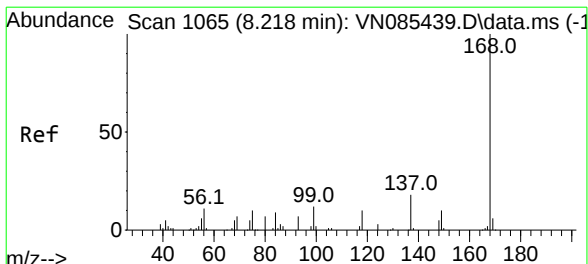
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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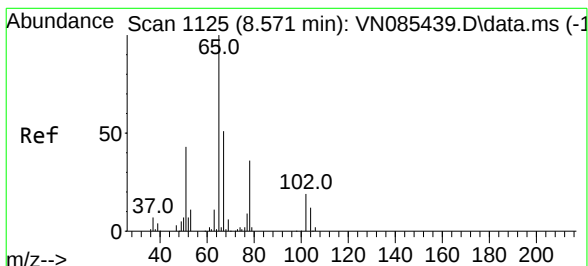
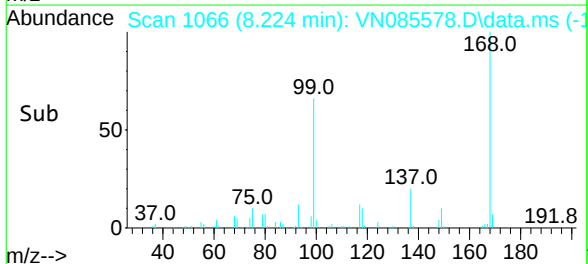
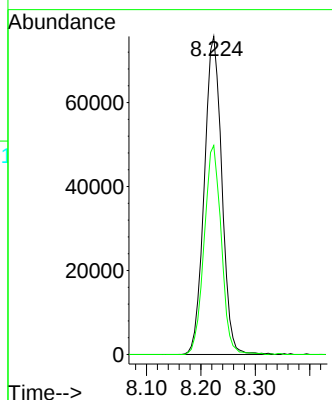
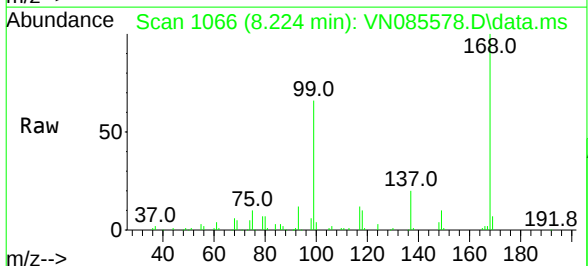




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

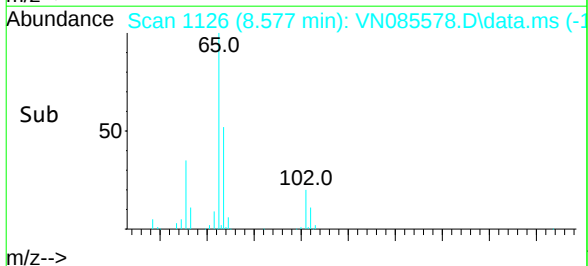
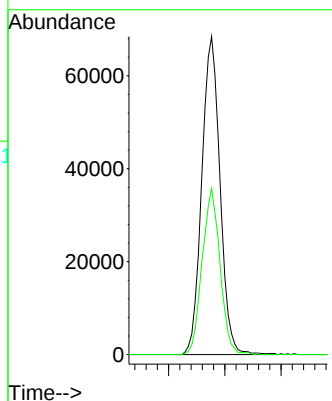
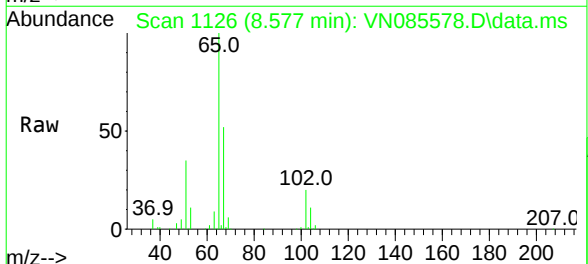
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

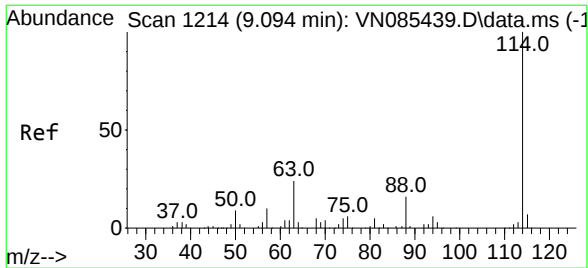
Tgt Ion: 168 Resp: 169481
Ion Ratio Lower Upper
168 100
99 65.7 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 56.458 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Tgt Ion: 65 Resp: 154457
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

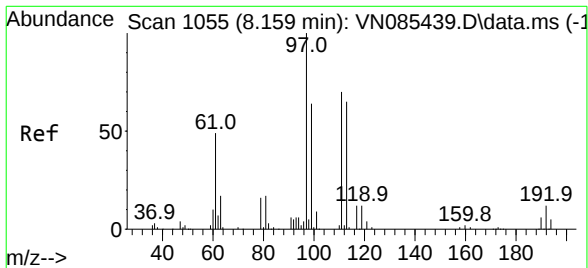
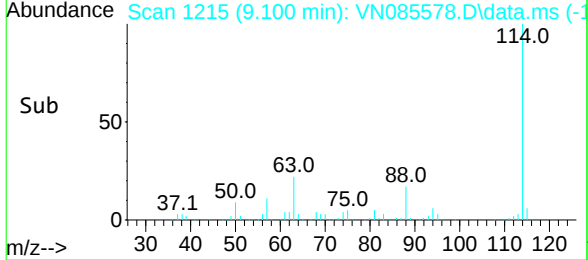
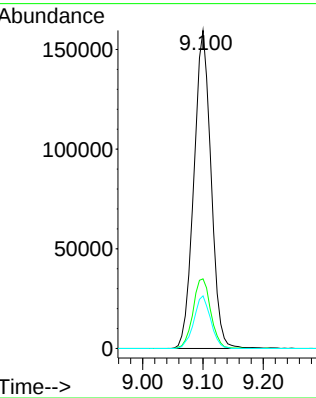
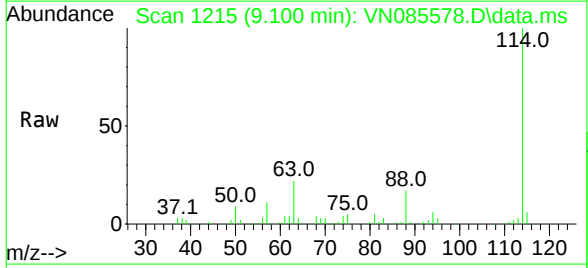




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

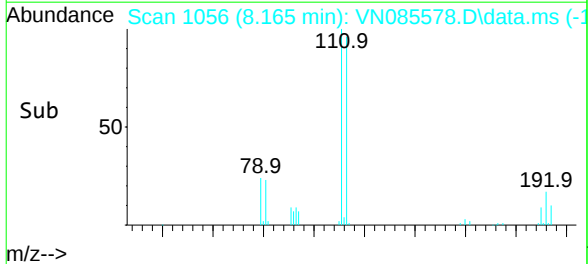
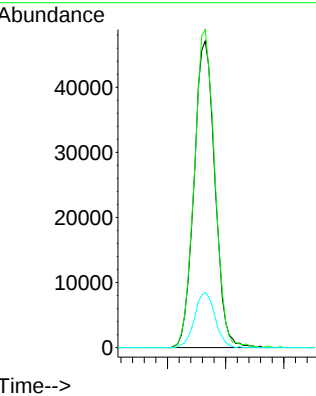
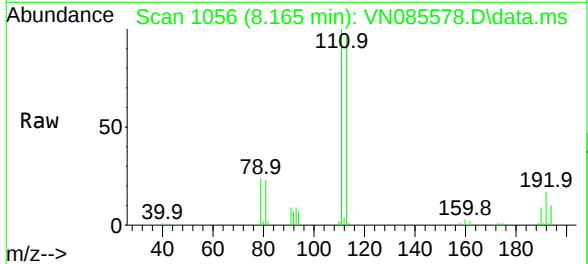
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

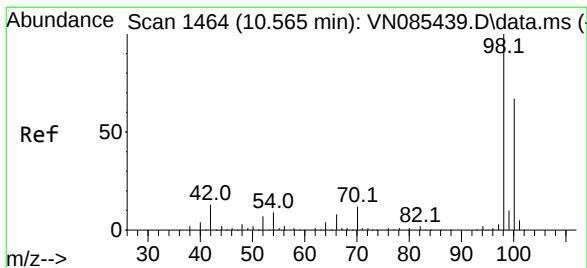
Tgt Ion:	114	Resp:	315219
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	47.6
88	16.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 53.679 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Tgt Ion:	113	Resp:	117387
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	17.7	14.3	21.5





#50

Toluene-d8

Concen: 50.080 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085578.D

Acq: 30 Jan 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

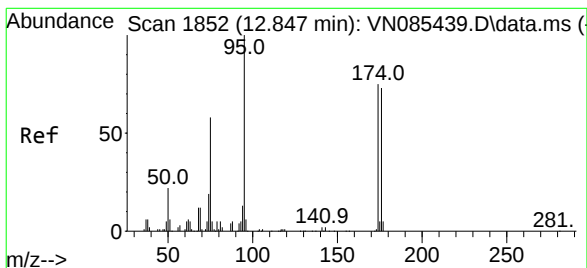
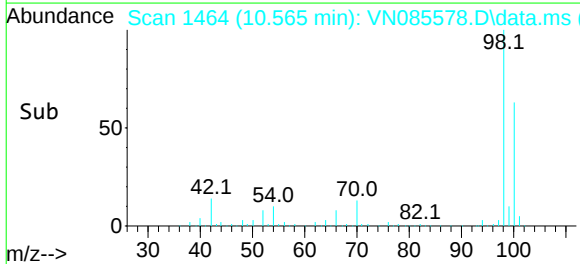
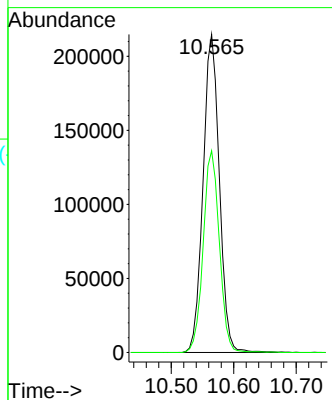
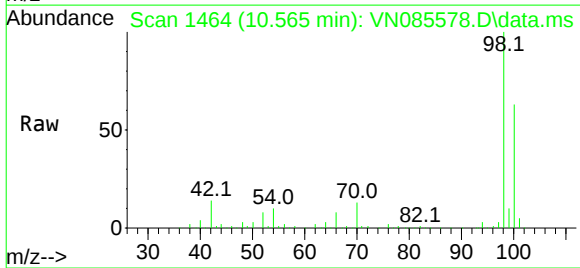
VN0130WBL01

Tgt Ion: 98 Resp: 389115

Ion Ratio Lower Upper

98 100

100 62.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.306 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085578.D

Acq: 30 Jan 2025 14:32

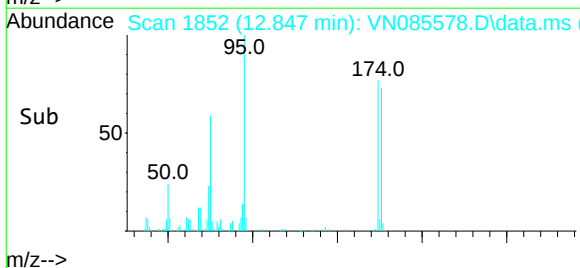
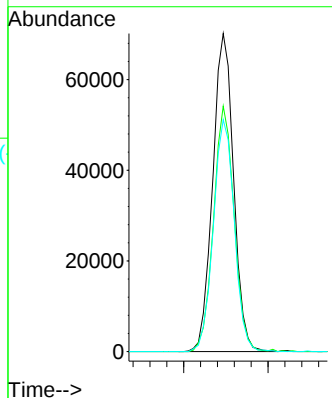
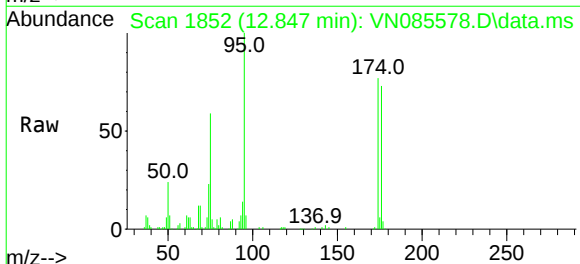
Tgt Ion: 95 Resp: 120418

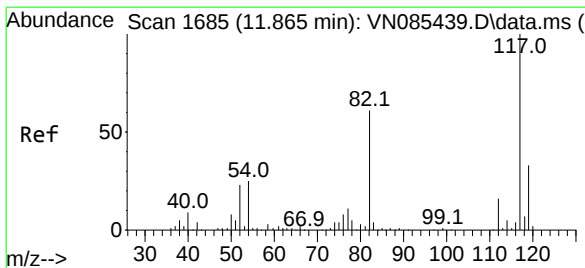
Ion Ratio Lower Upper

95 100

174 76.3 0.0 145.0

176 73.4 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN085578.D

Acq: 30 Jan 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBL01

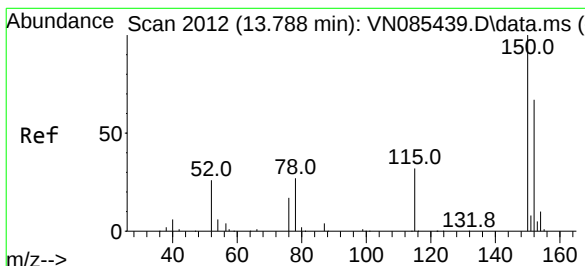
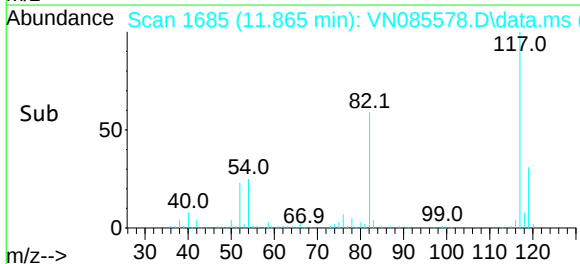
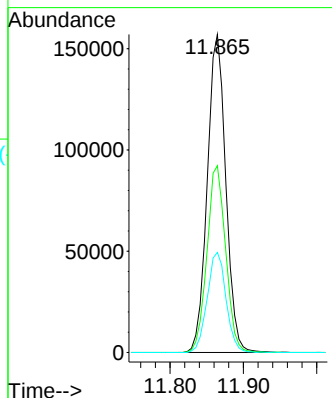
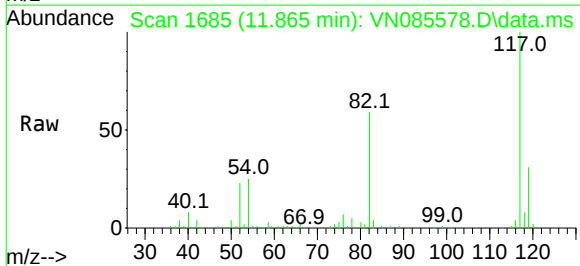
Tgt Ion:117 Resp: 275647

Ion Ratio Lower Upper

117 100

82 58.7 48.6 72.8

119 31.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085578.D

Acq: 30 Jan 2025 14:32

Tgt Ion:152 Resp: 110956

Ion Ratio Lower Upper

152 100

115 60.7 31.1 93.3

150 155.7 0.0 343.6

