

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085592.D
 Acq On : 31 Jan 2025 10:42
 Operator : JC\MD
 Sample : VN0131WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBL01

Quant Time: Jan 31 22:24:06 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	163540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151392	57.348	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.700%
35) Dibromofluoromethane	8.165	113	114315	54.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.140%
50) Toluene-d8	10.565	98	373656	49.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.847	95	116594	45.373	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.740%

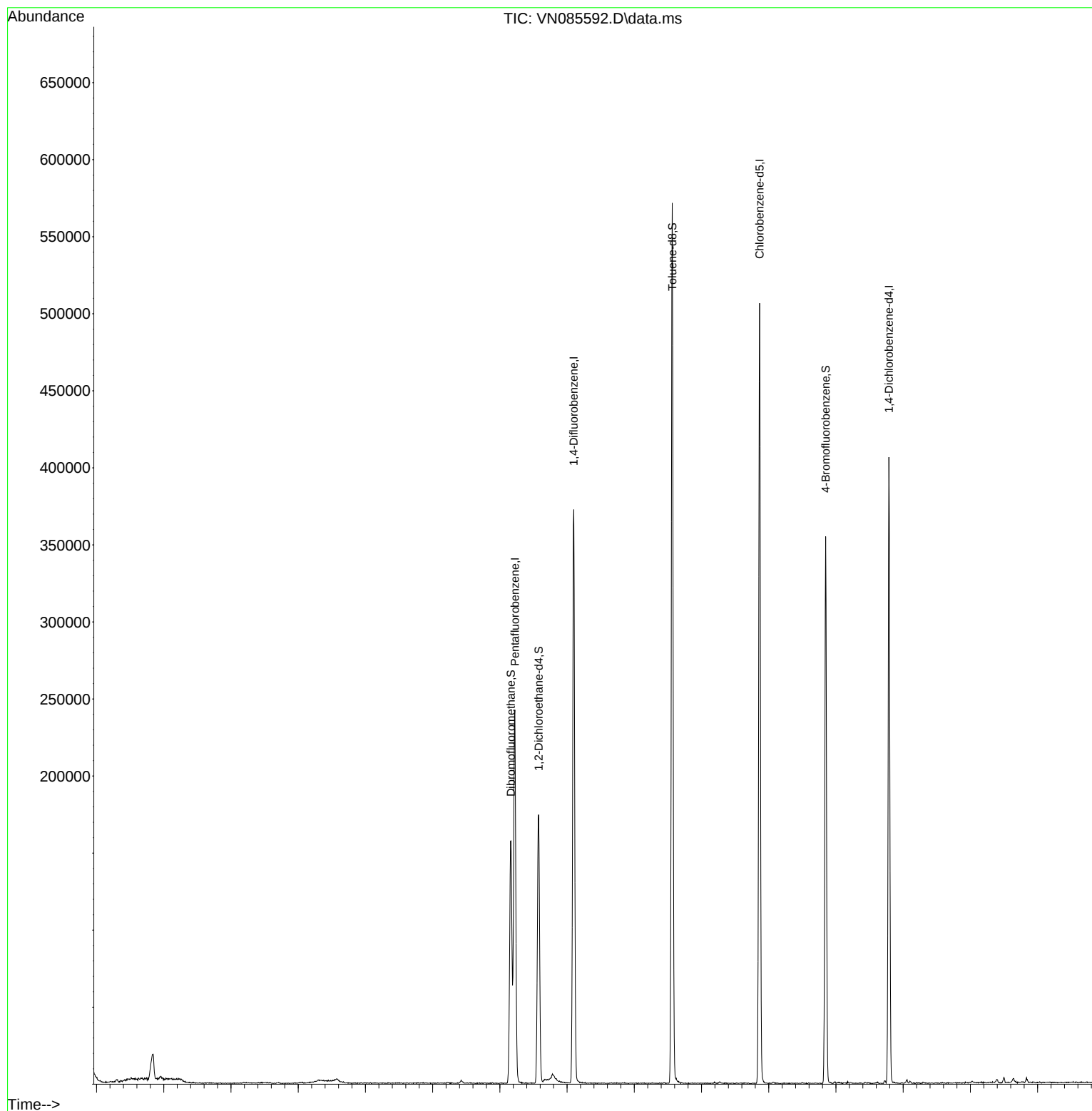
Target Compounds Qvalue

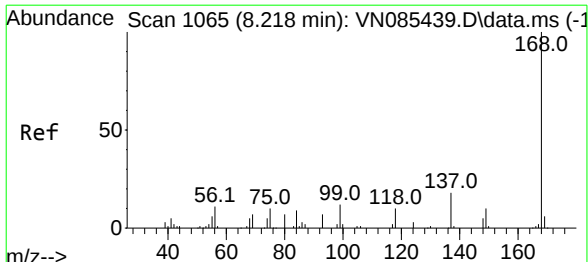
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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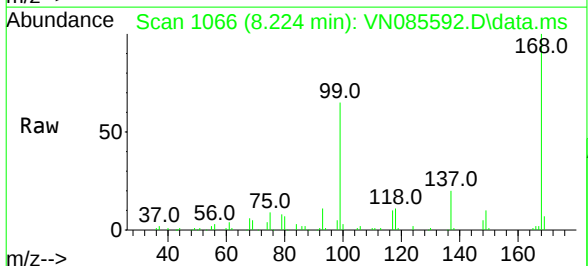
Quant Time: Jan 31 22:24:06 2025
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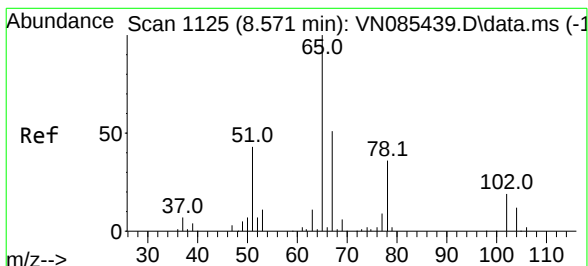
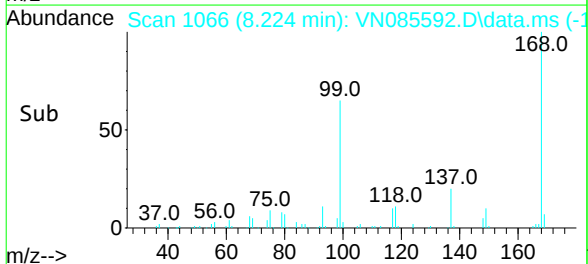
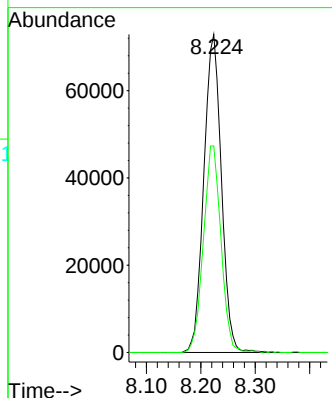


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085592.D
Acq: 31 Jan 2025 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

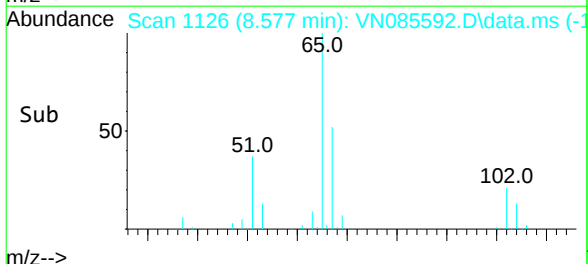
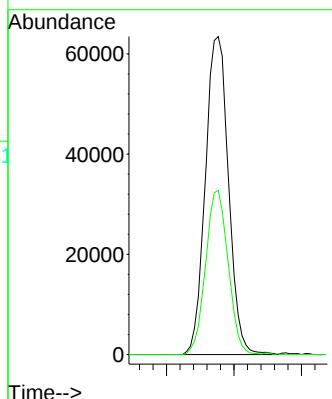
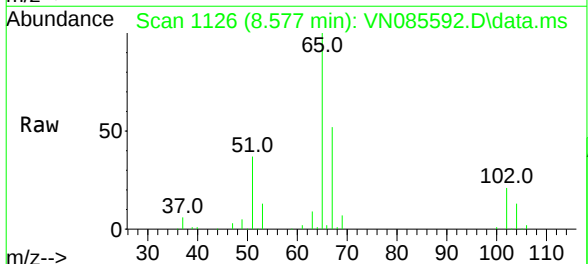


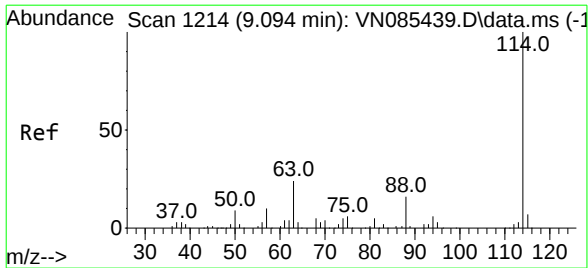
Tgt Ion: 168 Resp: 163540
Ion Ratio Lower Upper
168 100
99 64.9 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 57.348 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085592.D
Acq: 31 Jan 2025 10:42

Tgt Ion: 65 Resp: 151392
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

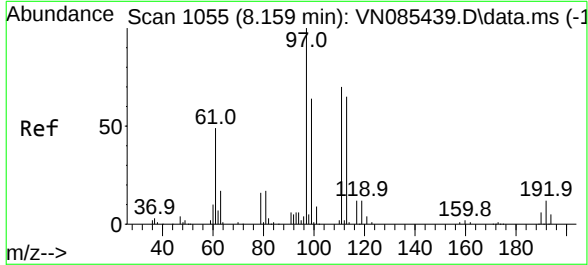
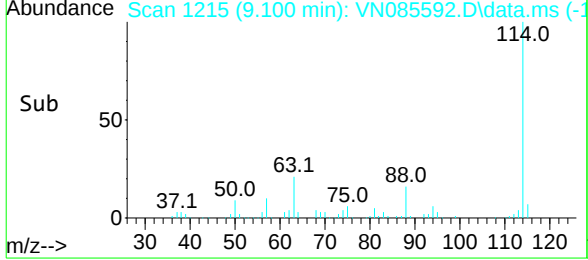
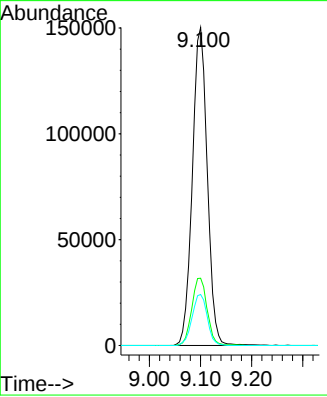
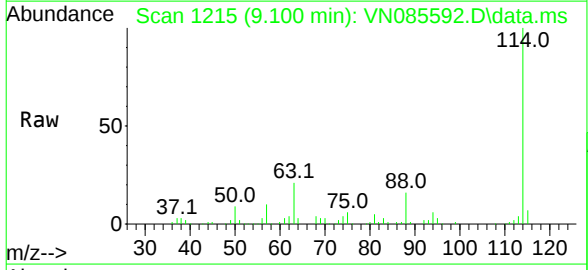




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085592.D
 Acq: 31 Jan 2025 10:42

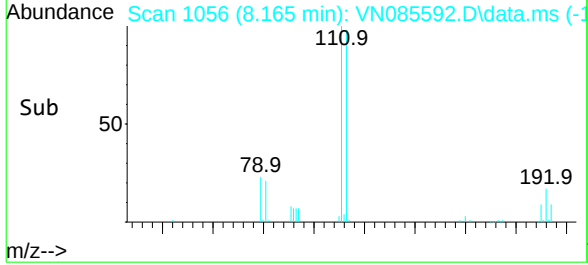
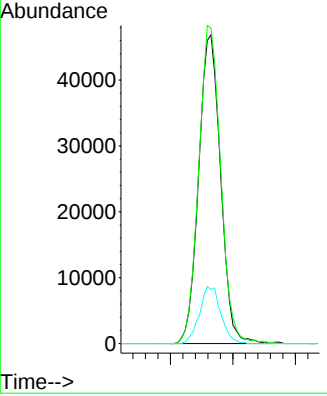
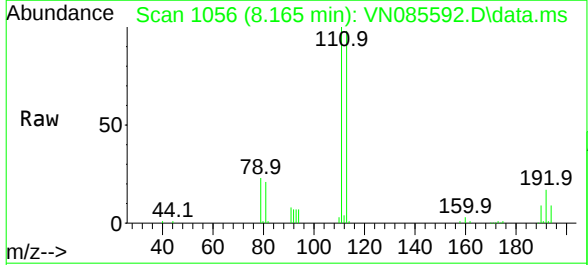
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBL01

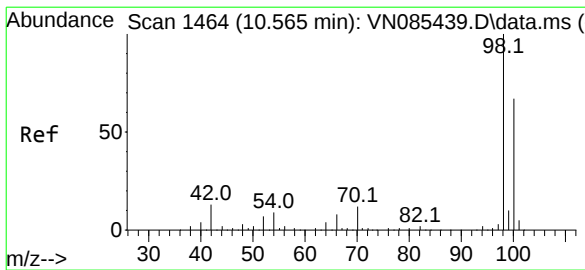
Tgt Ion:	114	Resp:	304758
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	47.6
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 54.068 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085592.D
 Acq: 31 Jan 2025 10:42

Tgt Ion:	113	Resp:	114315
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.7	124.1
192	18.0	14.3	21.5





#50

Toluene-d8

Concen: 49.741 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085592.D

Acq: 31 Jan 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

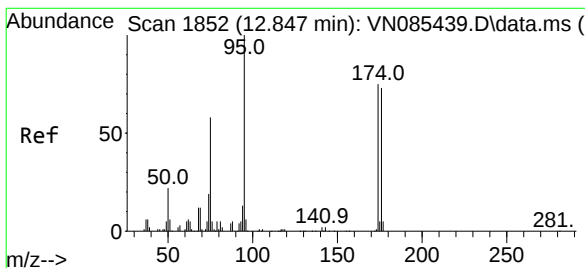
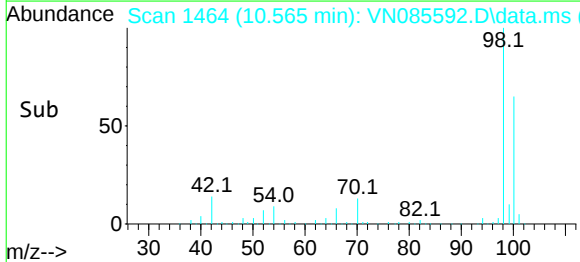
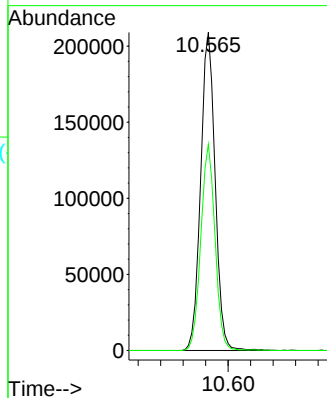
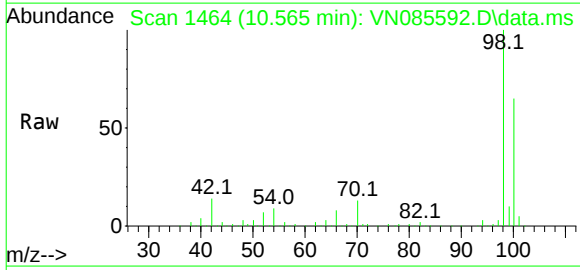
VN0131WBL01

Tgt Ion: 98 Resp: 373656

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.373 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085592.D

Acq: 31 Jan 2025 10:42

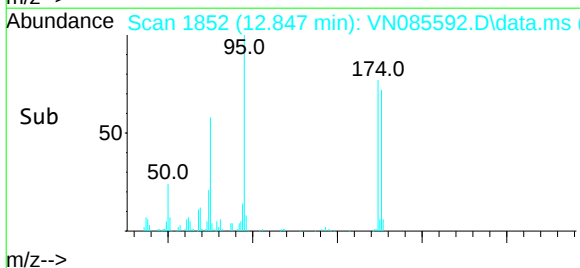
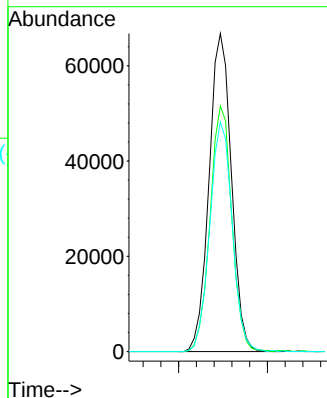
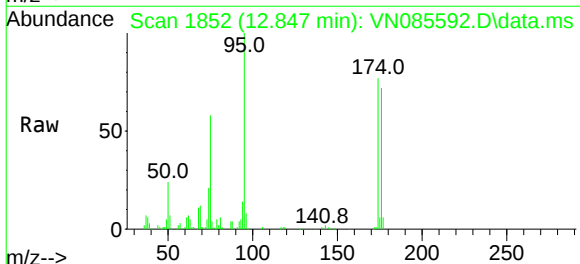
Tgt Ion: 95 Resp: 116594

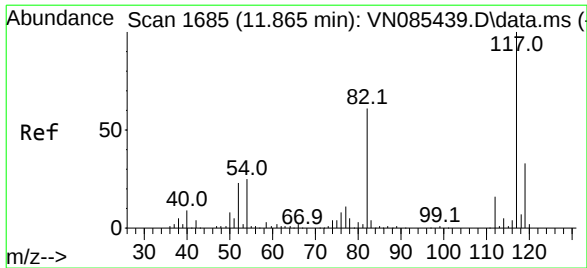
Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.0

176 72.4 0.0 142.4

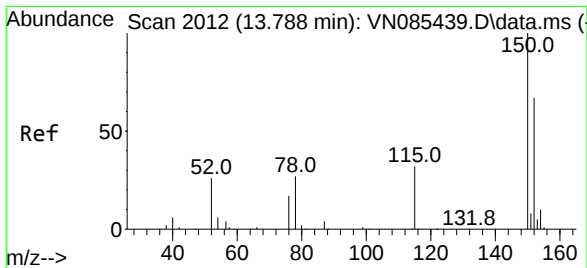
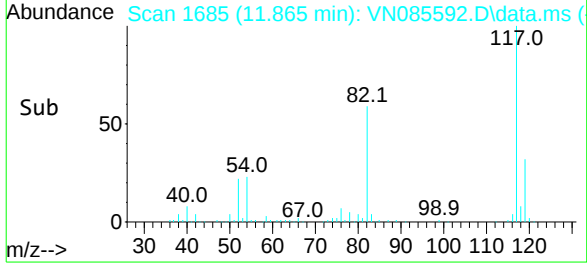
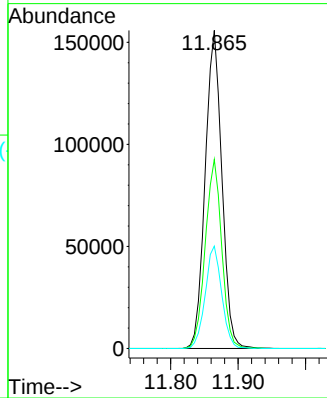
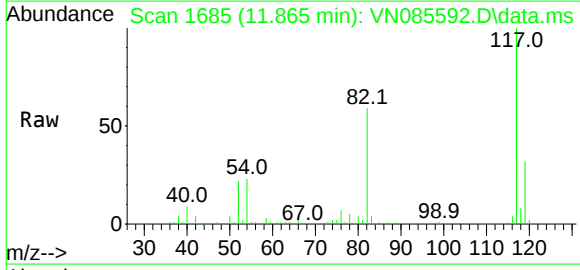




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085592.D
Acq: 31 Jan 2025 10:42

Instrument :
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Tgt Ion:	117	Resp:	267449
Ion	Ratio	Lower	Upper
117	100		
82	59.4	48.6	72.8
119	32.2	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: VN085592.D
Acq: 31 Jan 2025 10:42

Tgt Ion:	152	Resp:	104737
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.1	93.3
150	158.0	0.0	343.6

