

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085501.D
 Acq On : 17 Jan 2025 18:00
 Operator : JC\MD
 Sample : Q1124-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jan 17 22:40:03 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	170126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154597	56.295	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.600%	
35) Dibromofluoromethane	8.165	113	112744	48.543	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.080%	
50) Toluene-d8	10.565	98	392284	47.538	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.080%	
62) 4-Bromofluorobenzene	12.847	95	149552	52.980	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	105.960%	

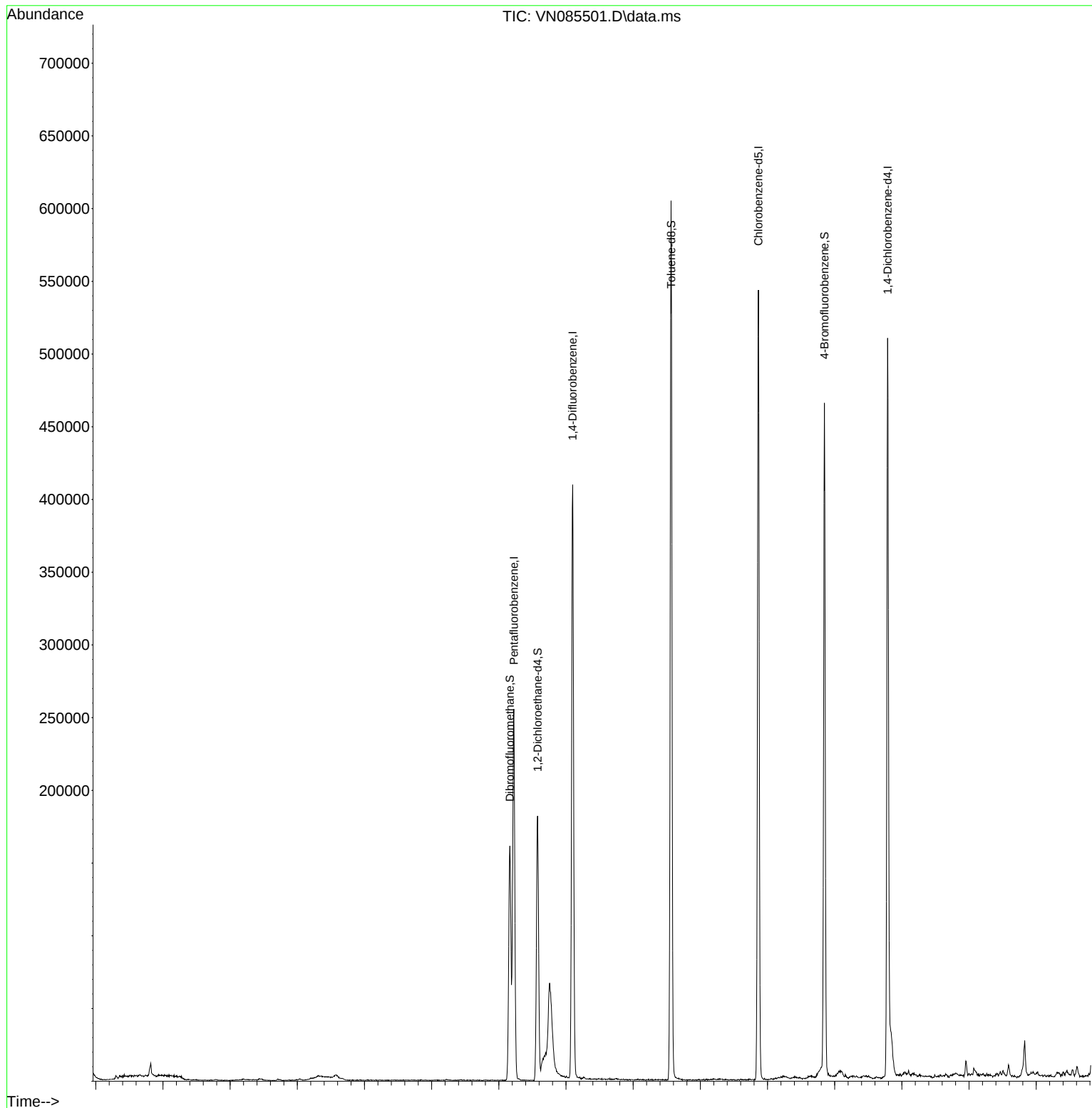
Target Compounds Qvalue

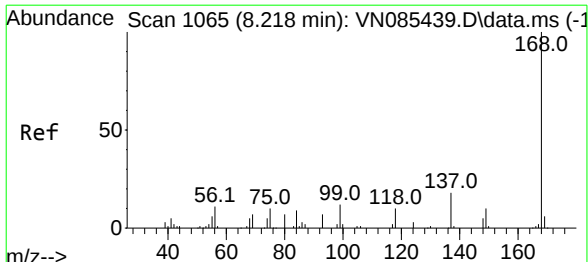
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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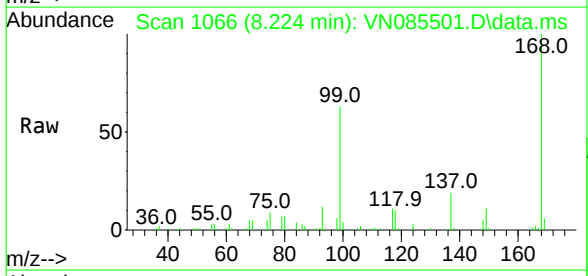
Quant Time: Jan 17 22:40:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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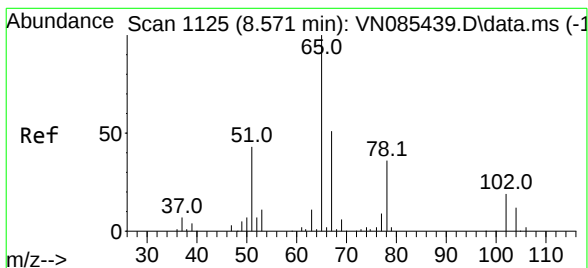
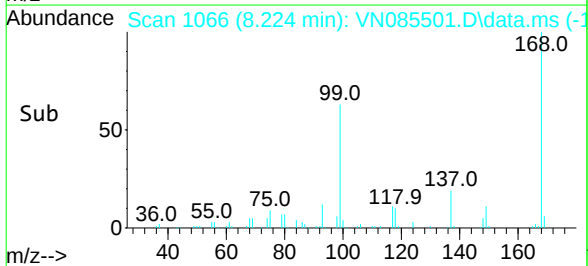
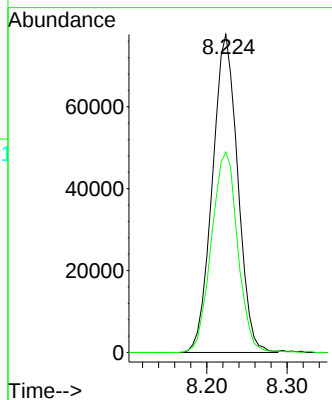


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

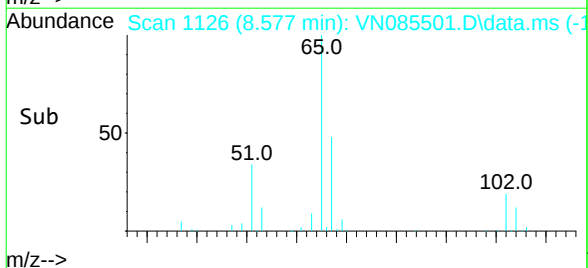
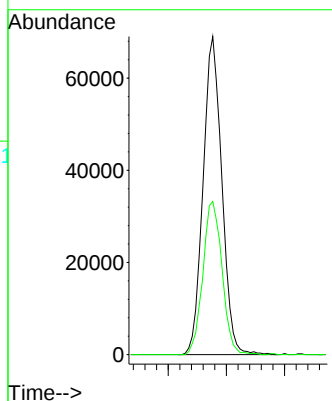
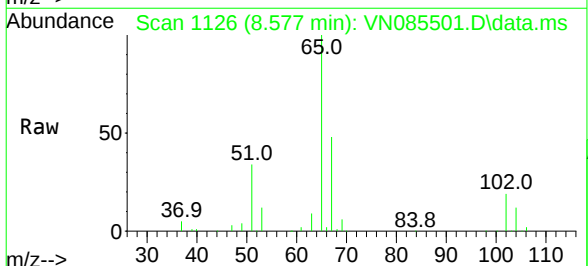


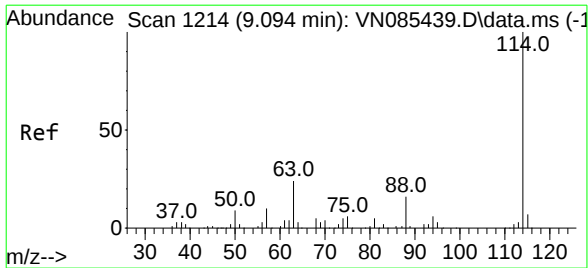
Tgt Ion: 168 Resp: 170126
 Ion Ratio Lower Upper
 168 100
 99 63.0 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.295 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:00

Tgt Ion: 65 Resp: 154597
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.6

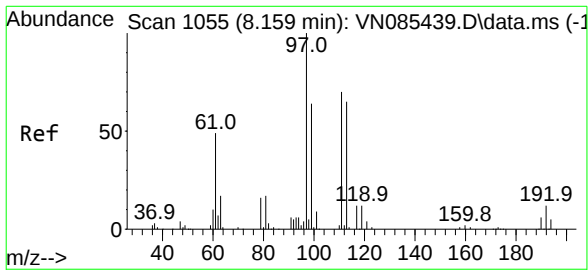
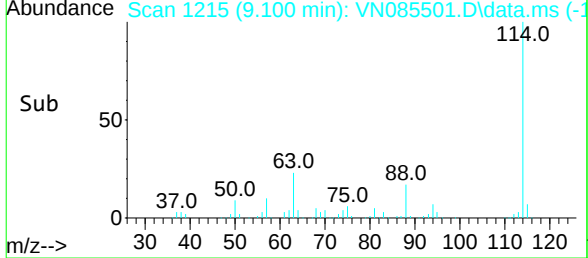
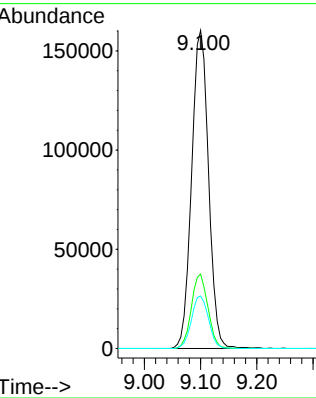
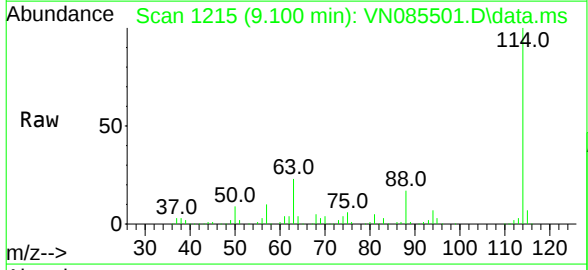




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:00

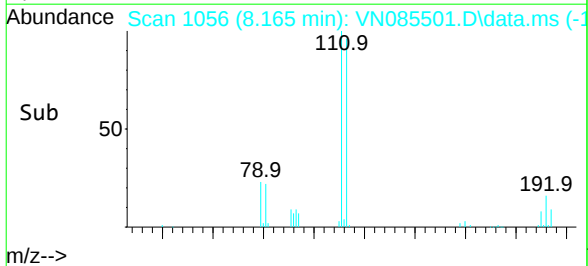
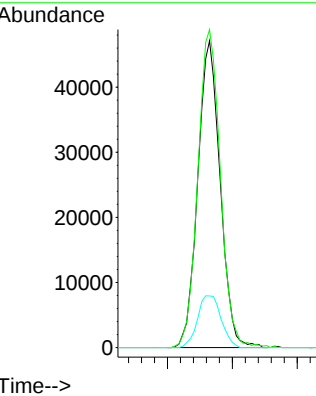
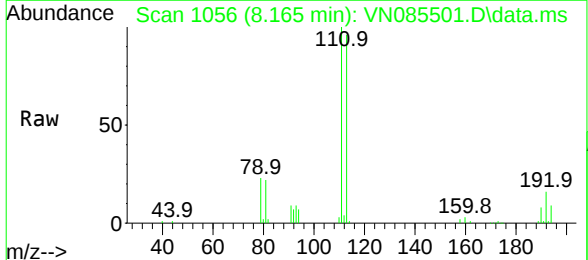
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

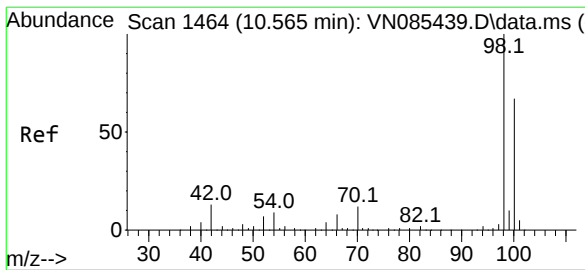
Tgt Ion:	114	Resp:	334783
Ion Ratio	Lower	Upper	
114	100		
63	23.4	0.0	47.6
88	16.5	0.0	32.6



#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:00

Tgt Ion:	113	Resp:	112744
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.7	124.1
192	17.8	14.3	21.5





#50

Toluene-d8

Concen: 47.538 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085501.D

Acq: 17 Jan 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

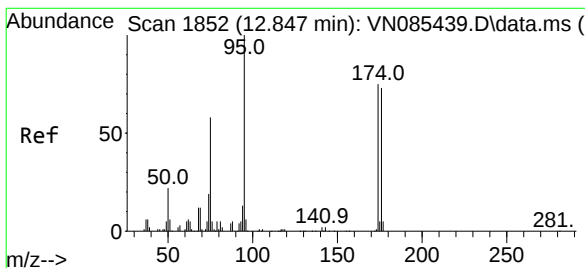
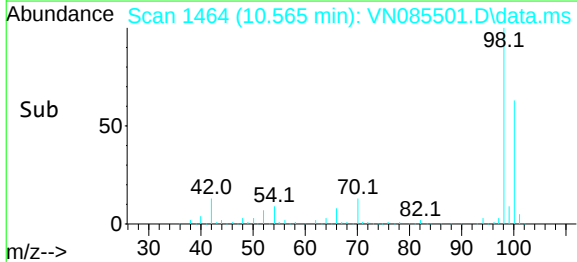
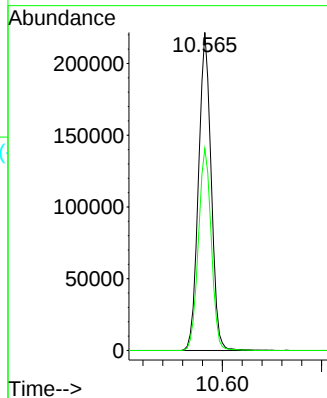
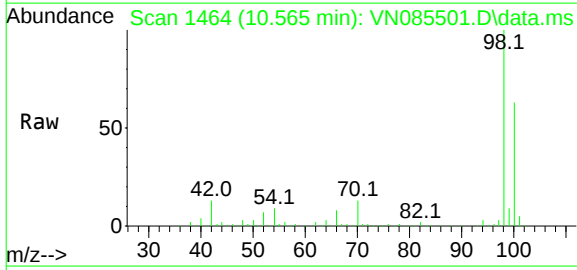
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 392284

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 52.980 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085501.D

Acq: 17 Jan 2025 18:00

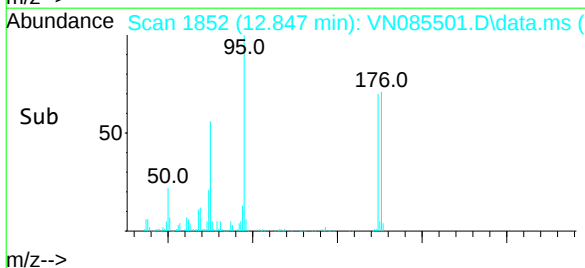
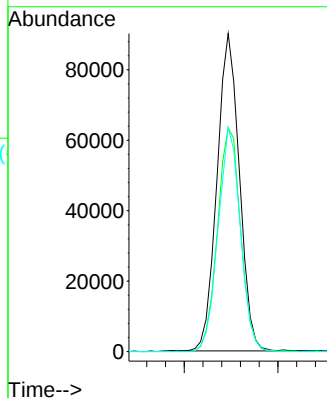
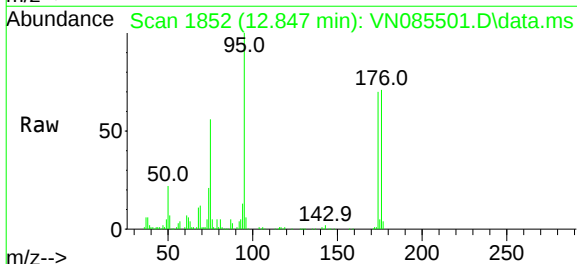
Tgt Ion: 95 Resp: 149552

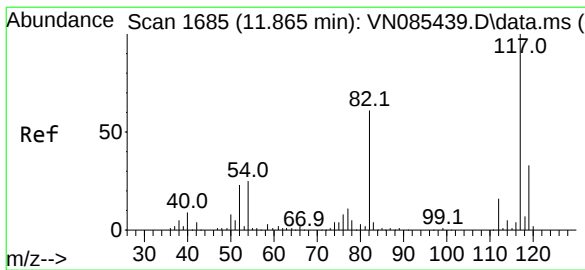
Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

176 70.2 0.0 142.4

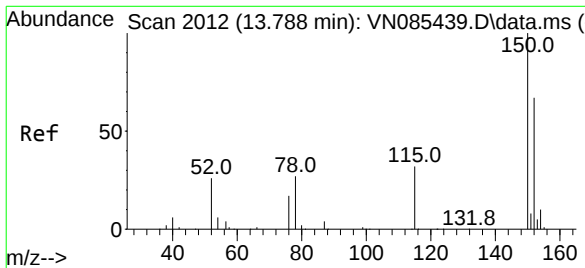
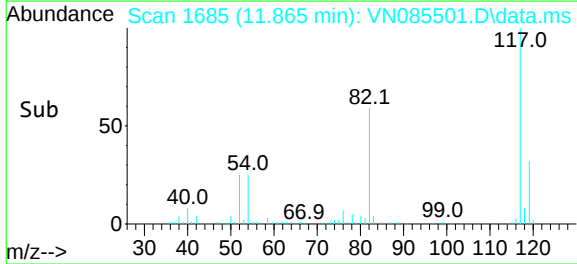
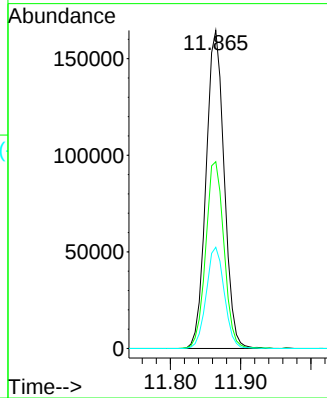
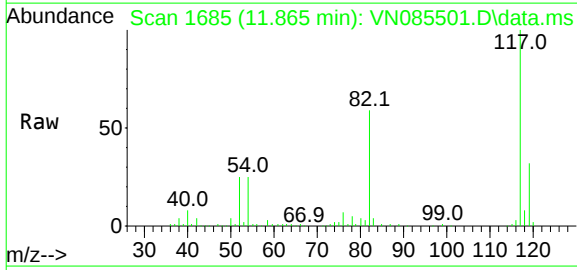




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:00

Instrument :
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Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.7	48.6	72.8
119	31.8	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: VN085501.D
Acq: 17 Jan 2025 18:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.1	93.3
150	159.4	0.0	343.6

