

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085532.D
 Acq On : 28 Jan 2025 12:36
 Operator : JC\MD
 Sample : Q1180-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jan 29 01:34:41 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	180283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156340	53.723	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.440%		
35) Dibromofluoromethane	8.165	113	119192	52.809	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.620%		
50) Toluene-d8	10.565	98	400005	49.880	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.760%		
62) 4-Bromofluorobenzene	12.847	95	117774	42.933	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.860%		

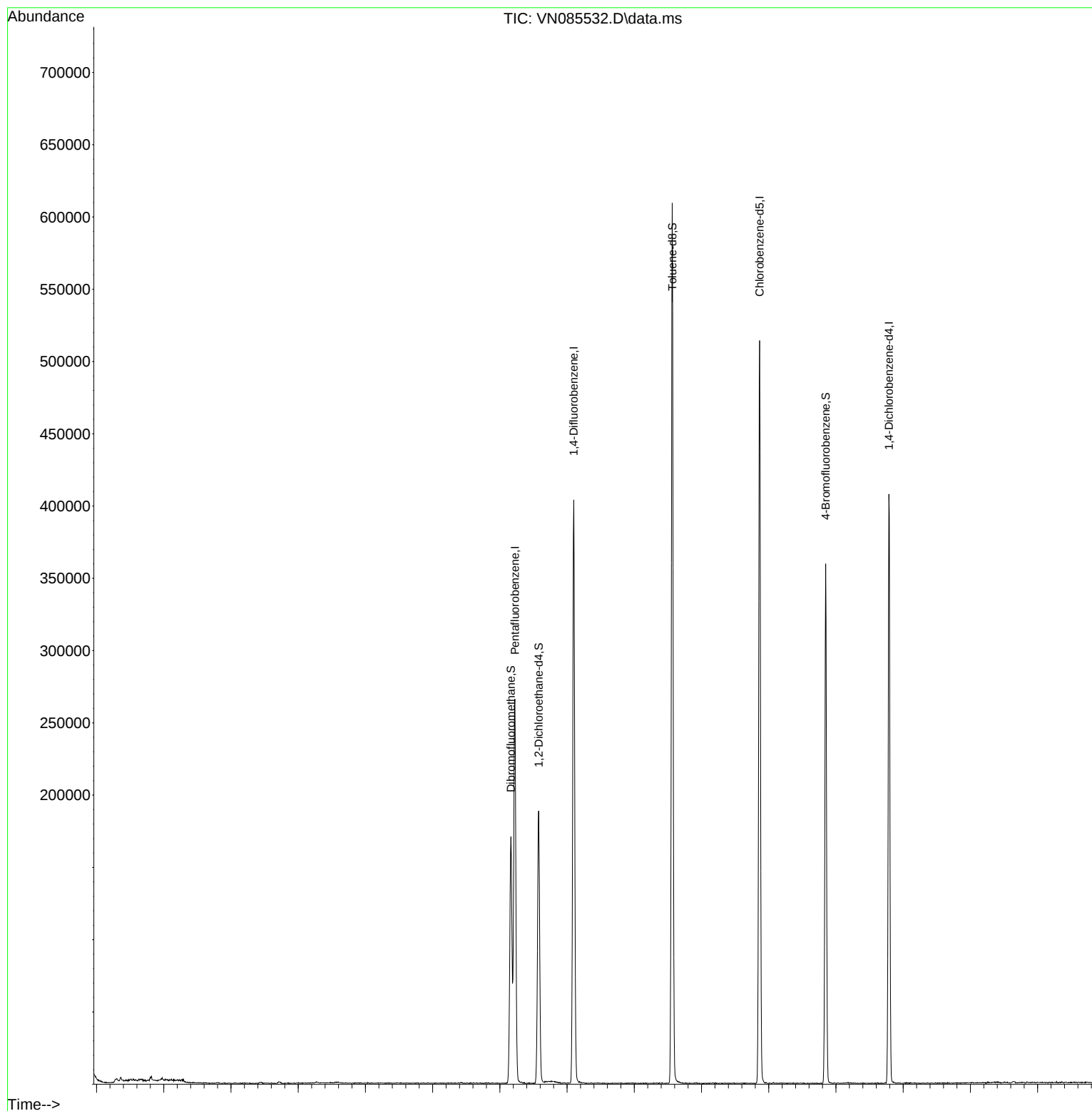
Target Compounds Qvalue

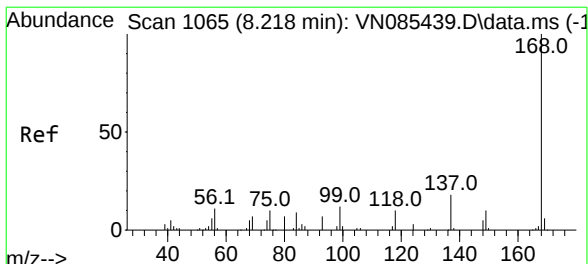
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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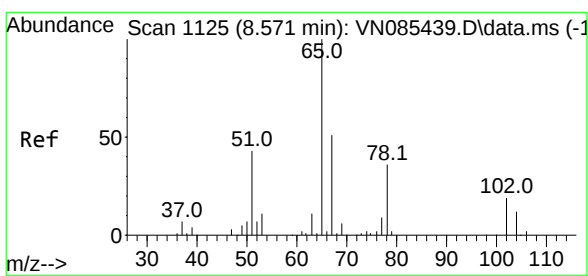
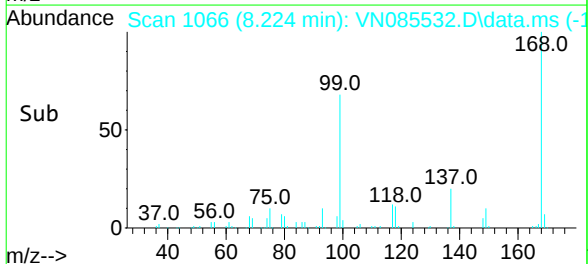
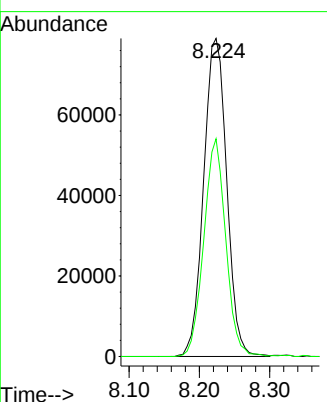
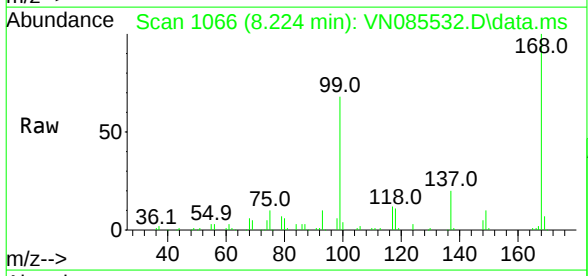


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085532.D
 Acq: 28 Jan 2025 12:36

Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 168 Resp: 180283

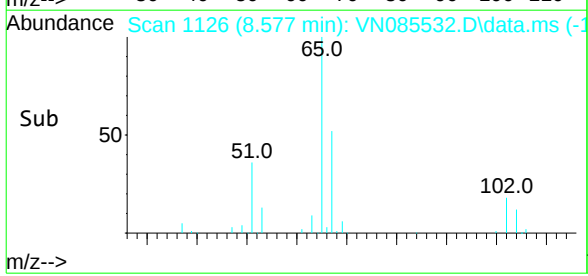
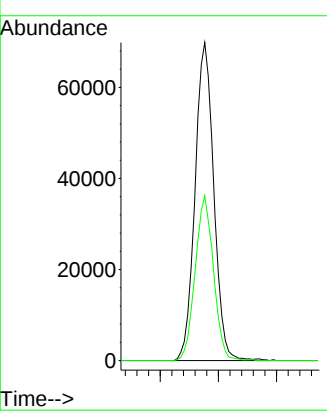
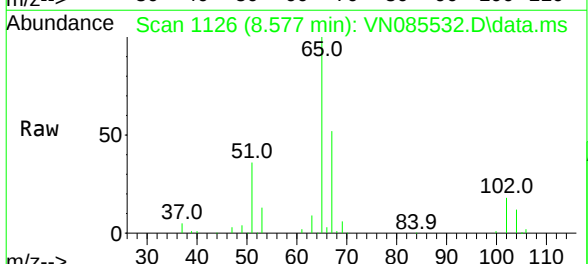
Ion	Ratio	Lower	Upper
168	100		
99	68.4	53.6	80.4

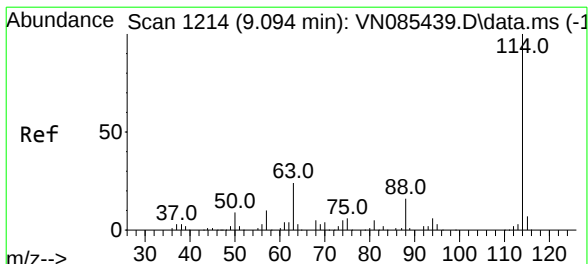


#33
 1,2-Dichloroethane-d4
 Concen: 53.723 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085532.D
 Acq: 28 Jan 2025 12:36

Tgt Ion: 65 Resp: 156340

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

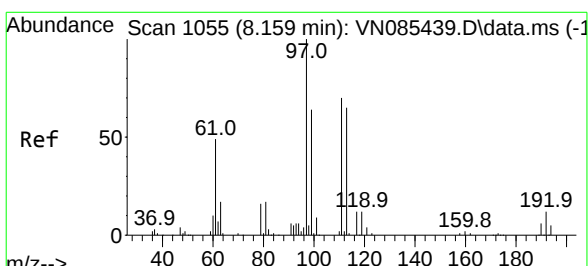
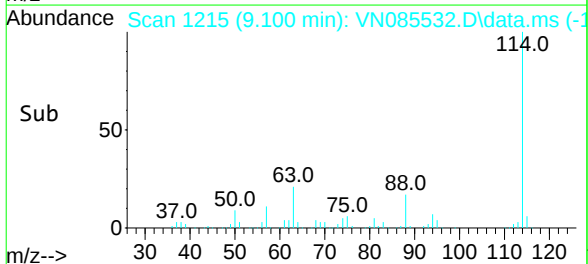
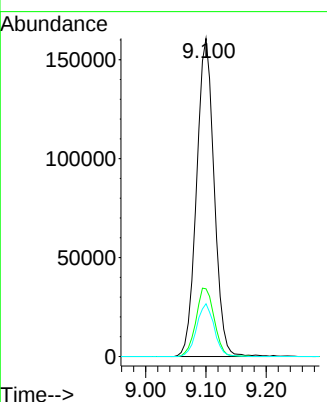
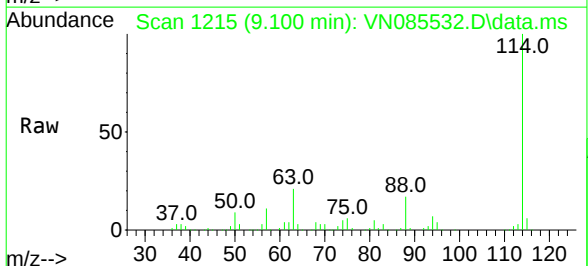




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085532.D
 Acq: 28 Jan 2025 12:36

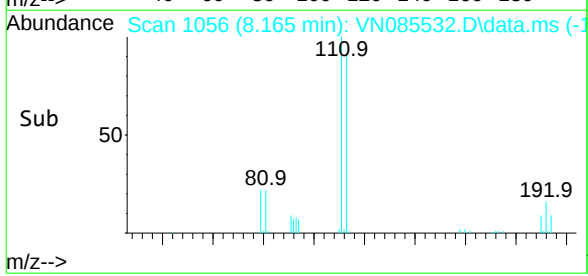
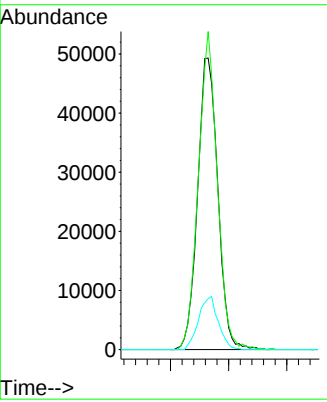
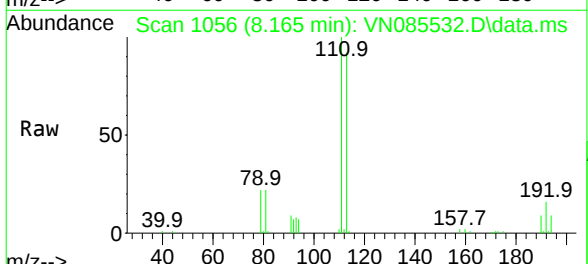
Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

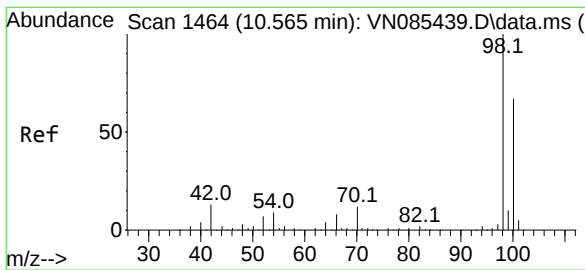
Tgt Ion:	114	Resp:	325340
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.6
88	16.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.809 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085532.D
 Acq: 28 Jan 2025 12:36

Tgt Ion:	113	Resp:	119192
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	17.7	14.3	21.5





#50

Toluene-d8

Concen: 49.880 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

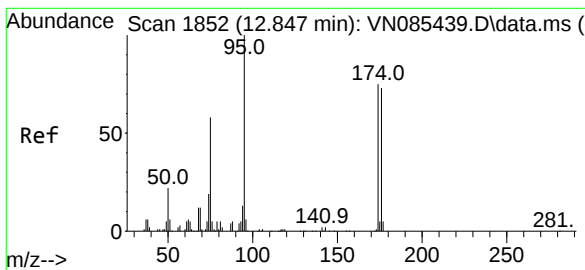
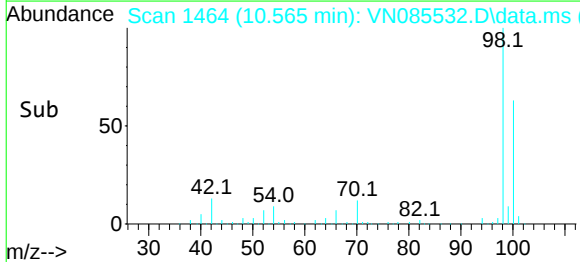
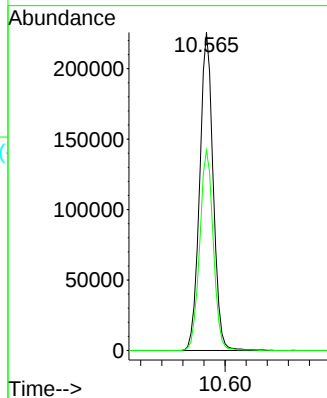
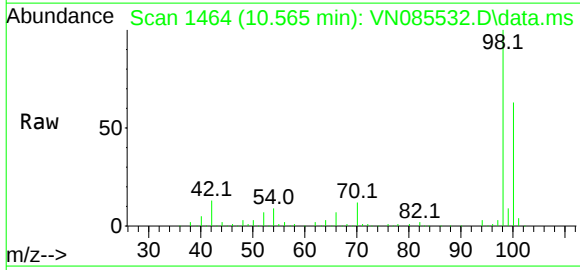
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 400005

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.933 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

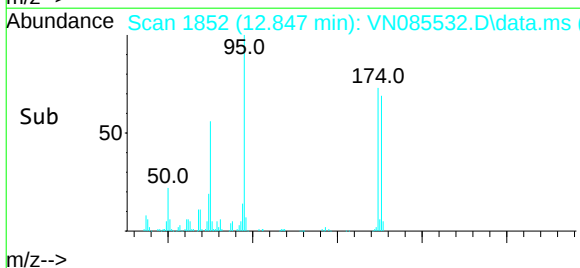
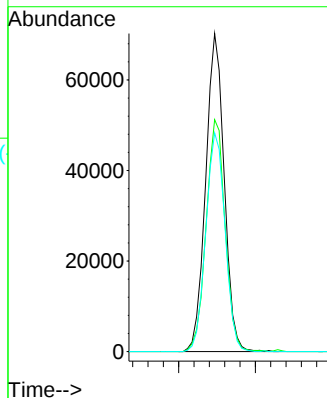
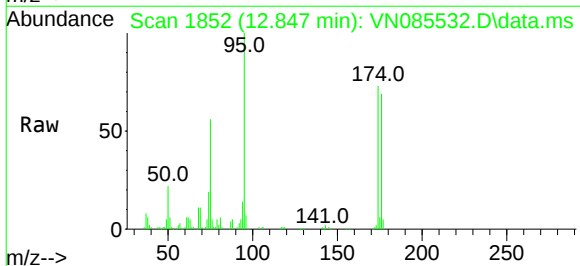
Tgt Ion: 95 Resp: 117774

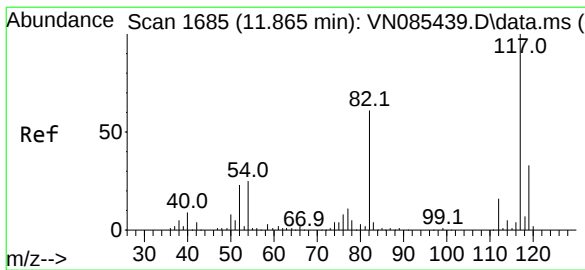
Ion Ratio Lower Upper

95 100

174 74.9 0.0 145.0

176 71.3 0.0 142.4

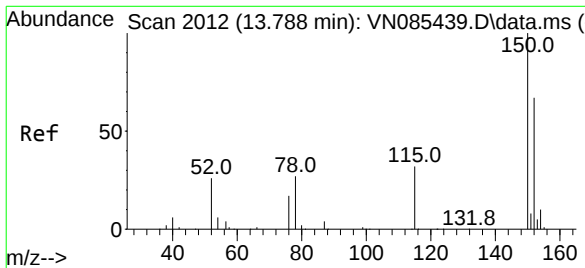
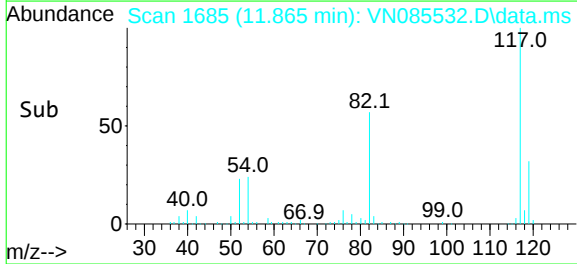
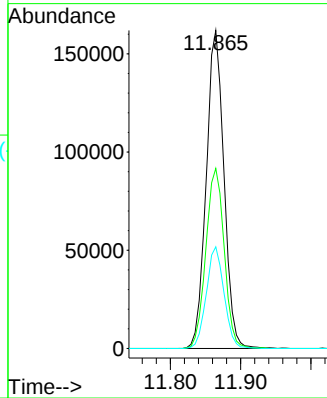
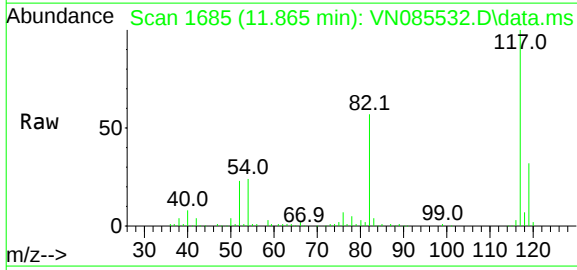




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 283619
Ion Ratio Lower Upper
117 100
82 56.6 48.6 72.8
119 32.0 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: VN085532.D
Acq: 28 Jan 2025 12:36

Tgt Ion:152 Resp: 106780
Ion Ratio Lower Upper
152 100
115 63.3 31.1 93.3
150 156.8 0.0 343.6

