

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085482.D
 Acq On : 17 Jan 2025 10:16
 Operator : JC\MD
 Sample : VN0117WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

Quant Time: Jan 17 22:30:31 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	196554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	314818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	168136	52.993	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.980%
35) Dibromofluoromethane	8.159	113	128534	51.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	10.565	98	442327	50.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.847	95	142880	47.282	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.560%

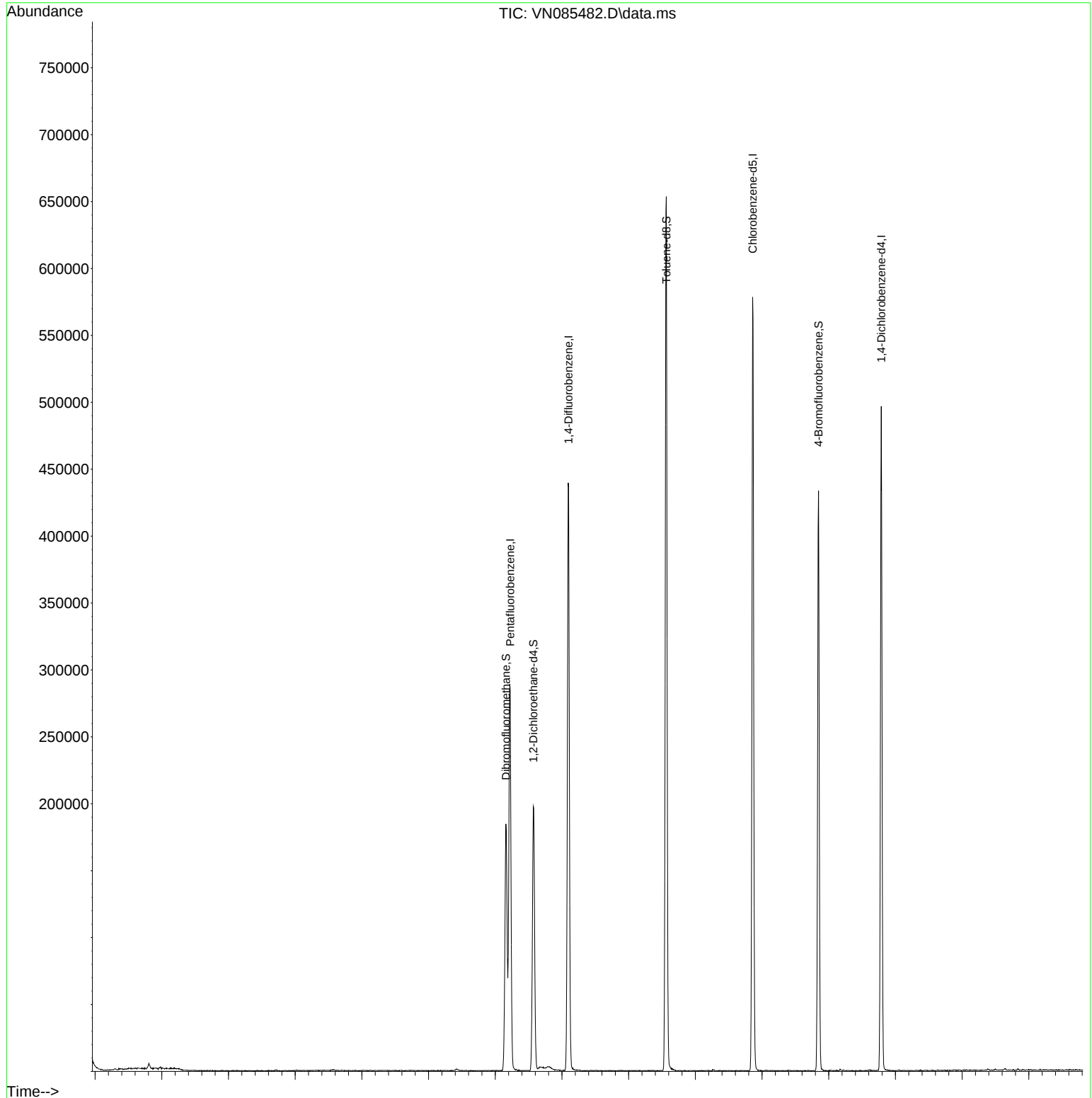
Target Compounds	Qvalue

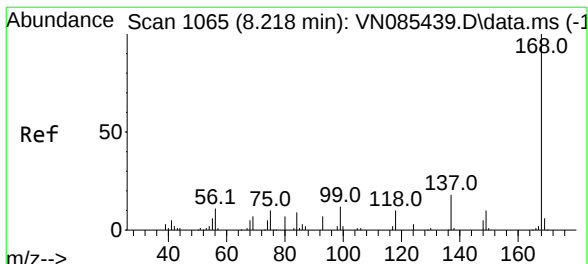
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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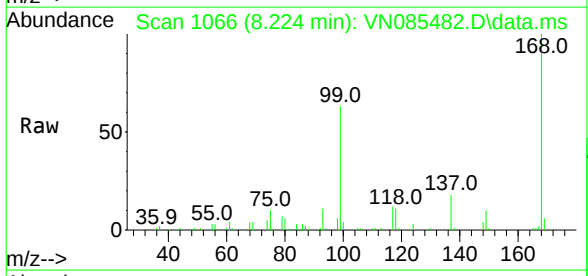
Quant Time: Jan 17 22:30:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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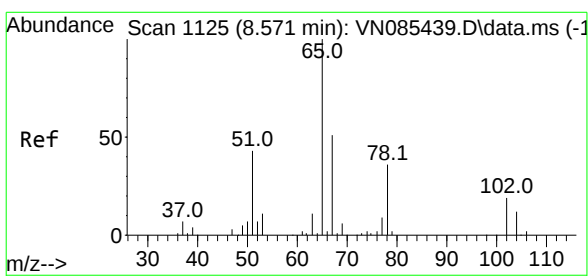
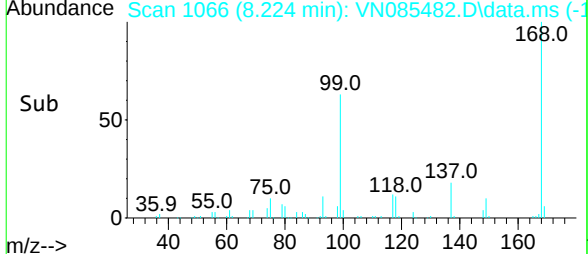
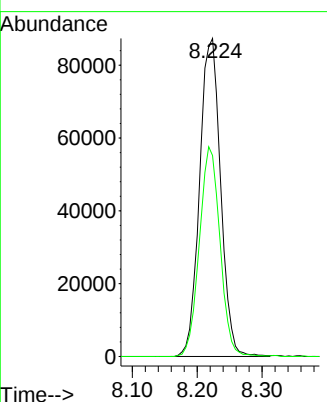
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01



Tgt Ion: 168 Resp: 196554

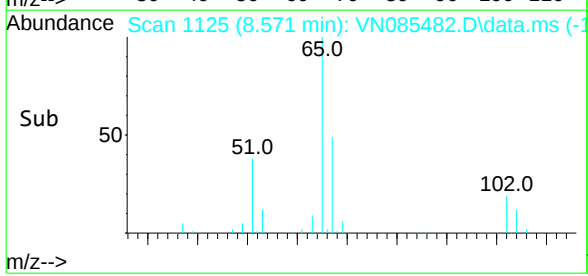
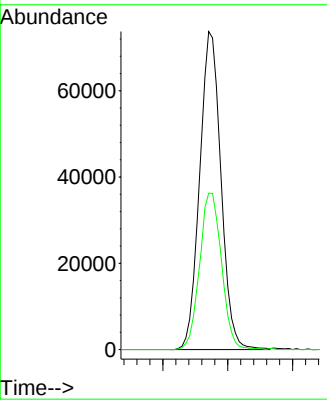
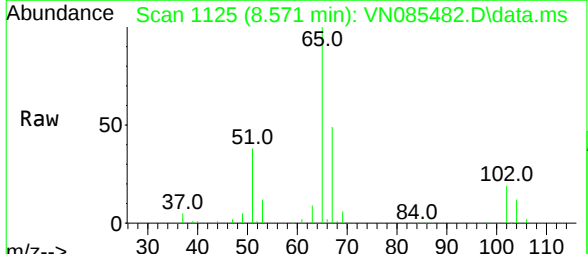
Ion	Ratio	Lower	Upper
168	100		
99	63.2	53.6	80.4

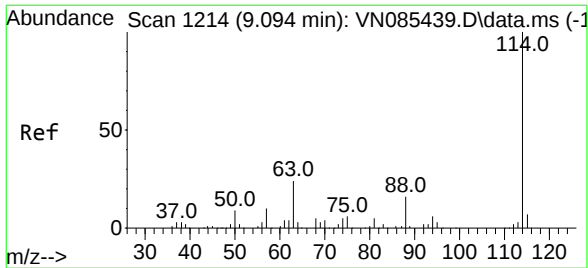


#33
 1,2-Dichloroethane-d4
 Concen: 52.993 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

Tgt Ion: 65 Resp: 168136

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

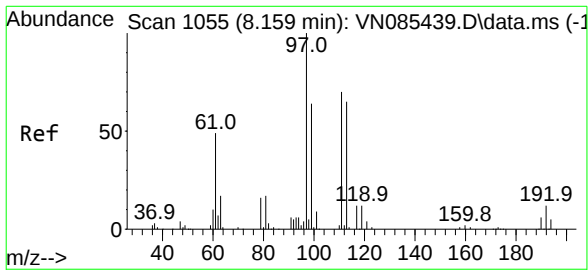
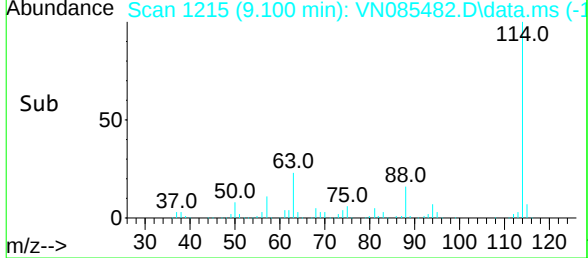
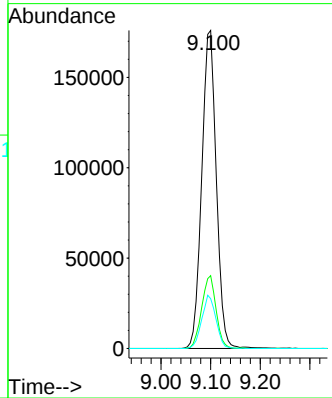
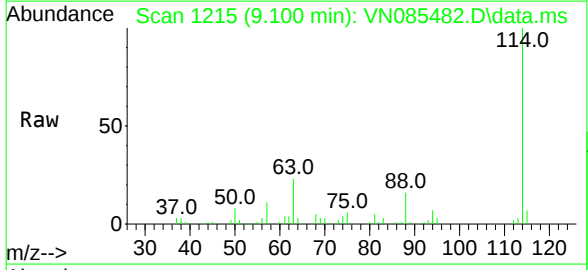




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

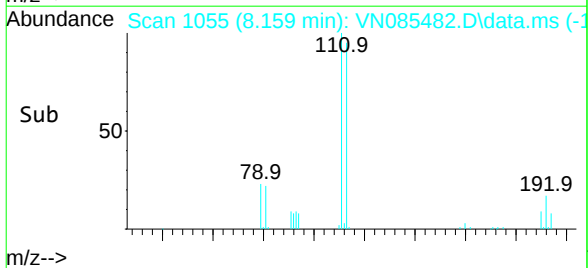
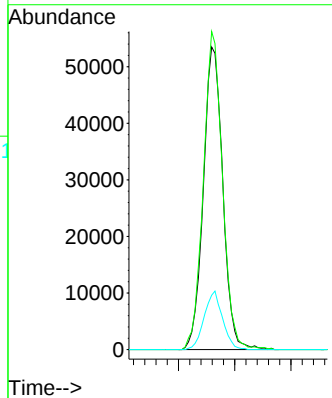
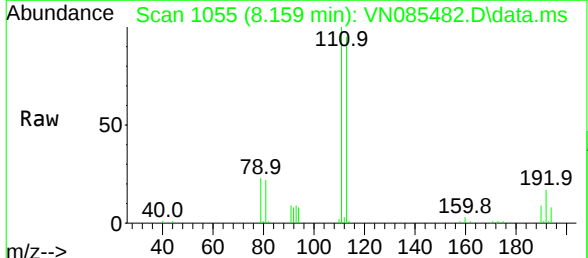
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

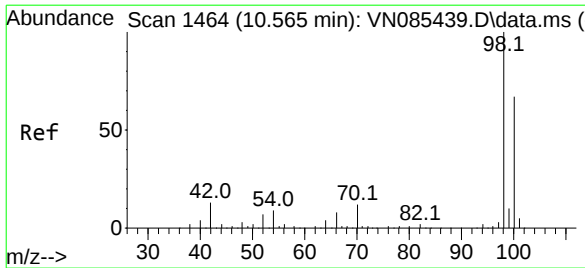
Tgt Ion:	114	Resp:	358389
Ion Ratio	Lower	Upper	
114	100		
63	22.9	0.0	47.6
88	15.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.696 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

Tgt Ion:	113	Resp:	128534
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.7	124.1
192	18.2	14.3	21.5





#50

Toluene-d8

Concen: 50.071 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

Instrument :

MSVOA_N

ClientSampleId :

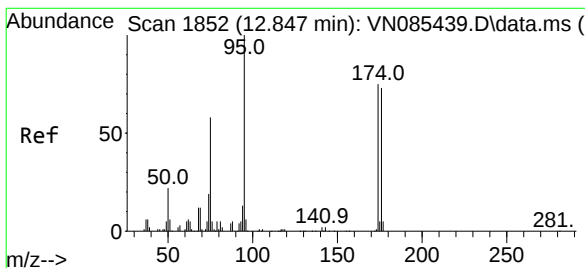
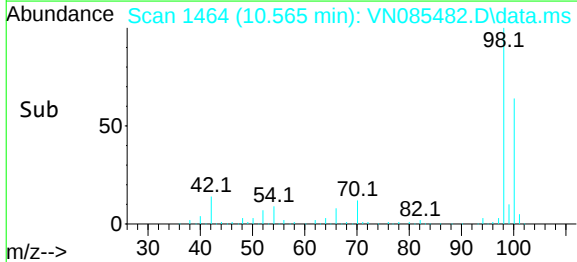
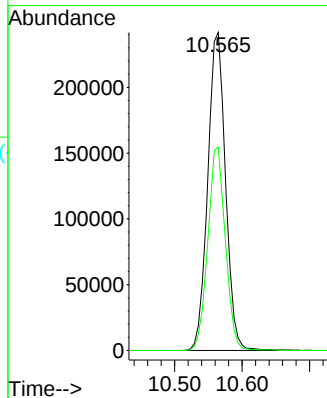
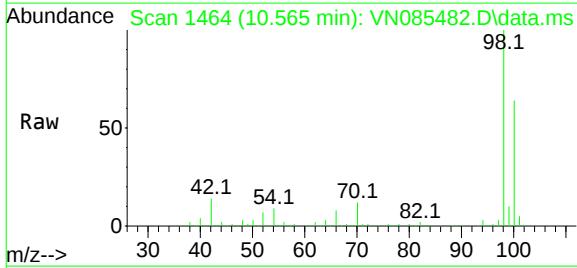
VN0117WBL01

Tgt Ion: 98 Resp: 442327

Ion Ratio Lower Upper

98 100

100 63.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.282 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

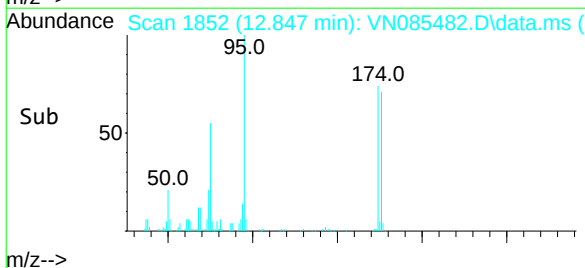
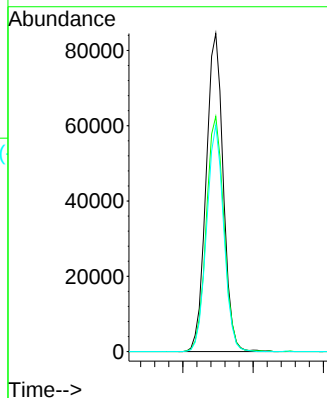
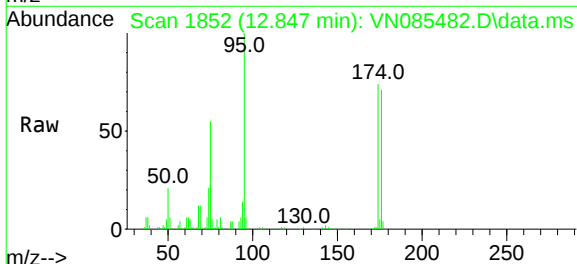
Tgt Ion: 95 Resp: 142880

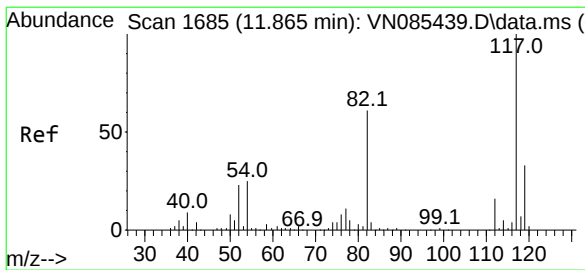
Ion Ratio Lower Upper

95 100

174 76.1 0.0 145.0

176 70.8 0.0 142.4

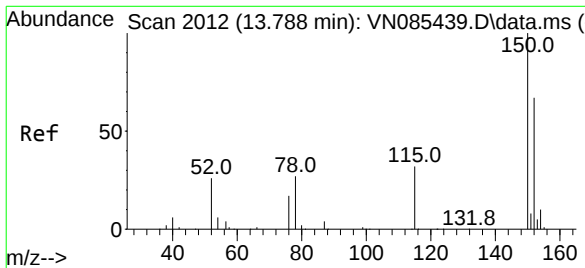
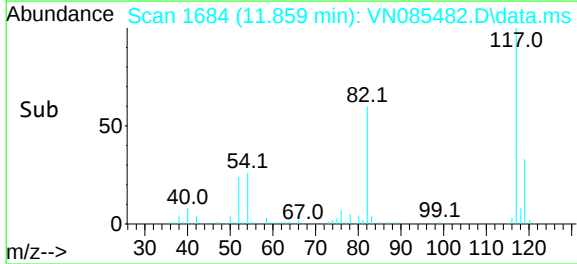
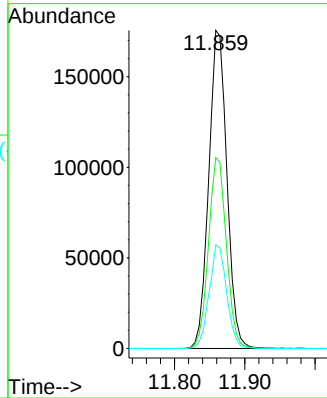
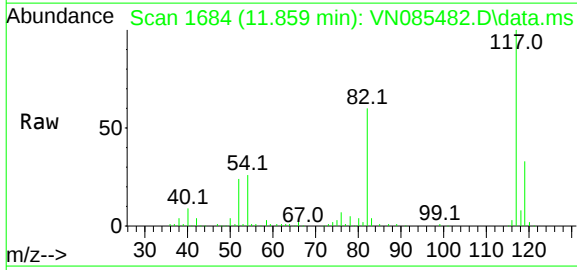




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

Tgt Ion:117 Resp: 314818
Ion Ratio Lower Upper
117 100
82 60.0 48.6 72.8
119 32.6 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: VN085482.D
Acq: 17 Jan 2025 10:16

Tgt Ion:152 Resp: 125050
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 159.4 0.0 343.6

