

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085502.D
 Acq On : 17 Jan 2025 18:24
 Operator : JC\MD
 Sample : Q1124-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Jan 17 22:40:28 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	180360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161818	55.581	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.160%	
35) Dibromofluoromethane	8.165	113	120836	49.269	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.540%	
50) Toluene-d8	10.565	98	412604	47.350	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.700%	
62) 4-Bromofluorobenzene	12.847	95	144949	48.628	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.260%	

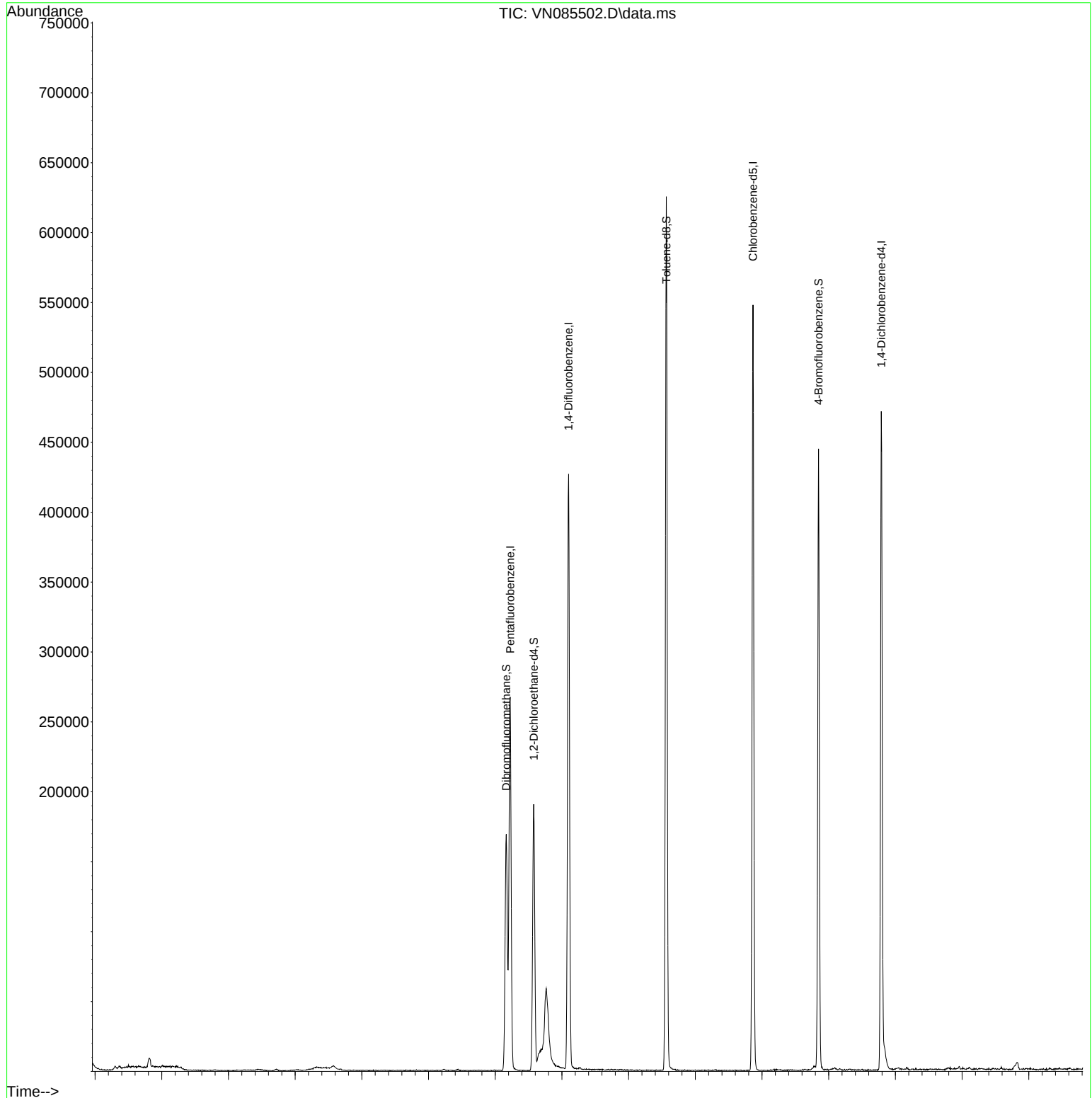
Target Compounds Qvalue

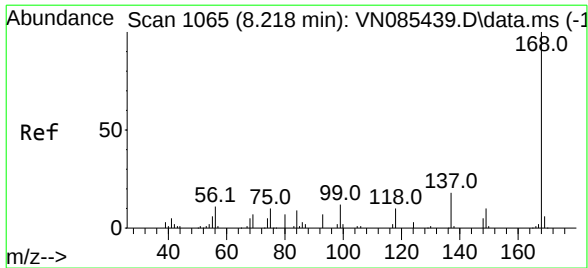
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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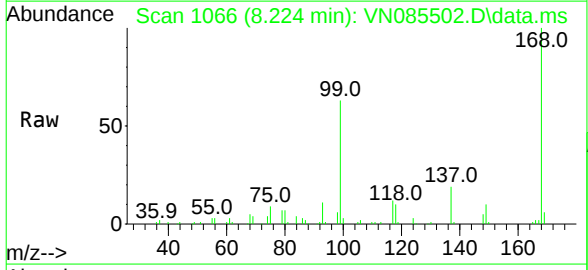
Quant Time: Jan 17 22:40:28 2025
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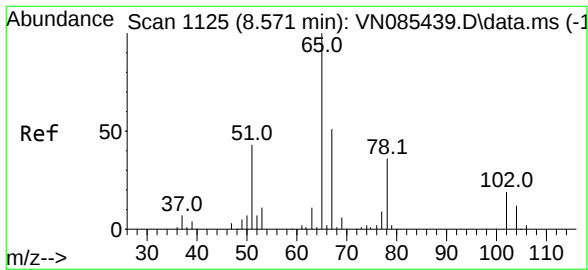
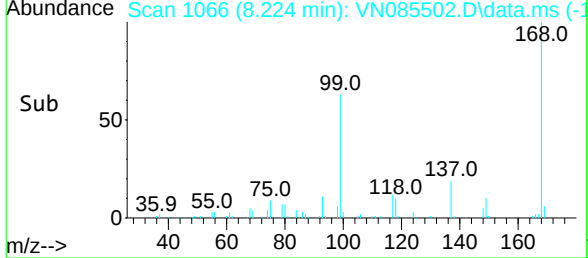
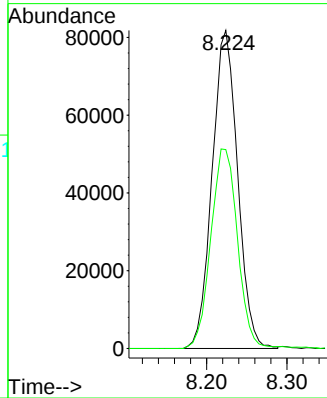


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085502.D
 Acq: 17 Jan 2025 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

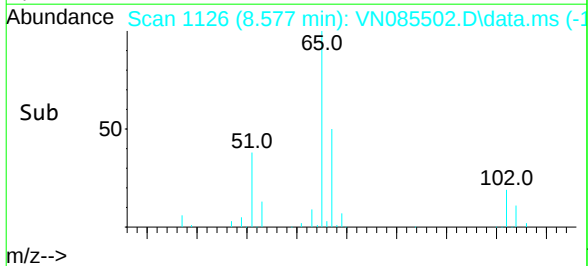
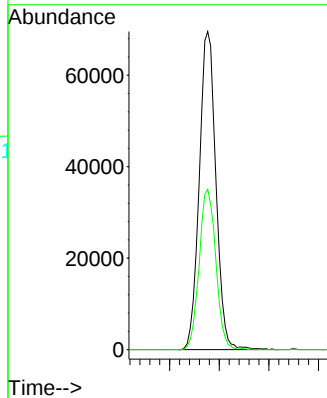
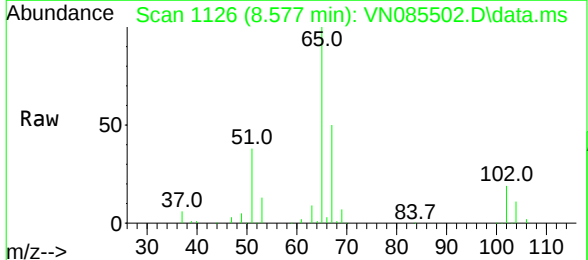


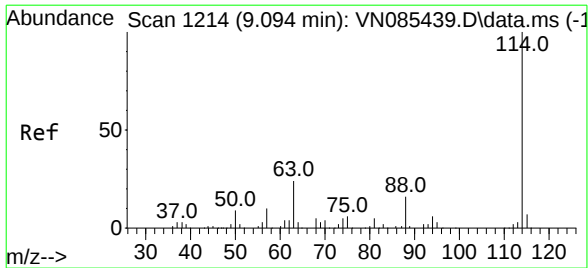
Tgt Ion: 168 Resp: 180360
 Ion Ratio Lower Upper
 168 100
 99 62.5 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.581 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085502.D
 Acq: 17 Jan 2025 18:24

Tgt Ion: 65 Resp: 161818
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6

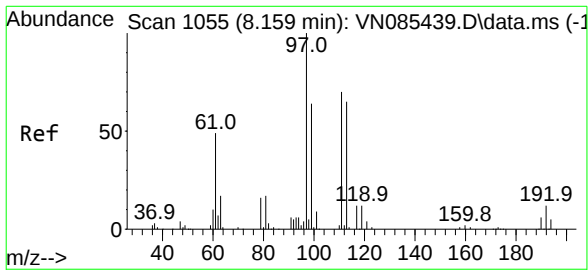
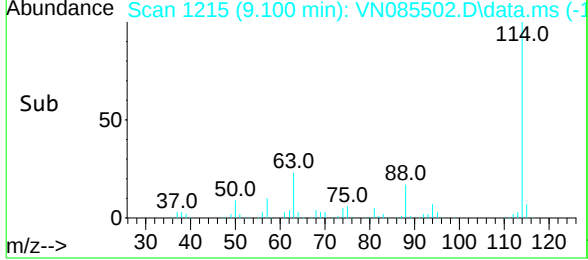
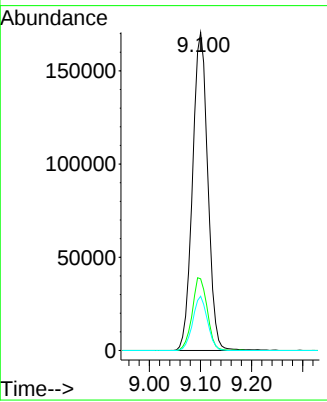
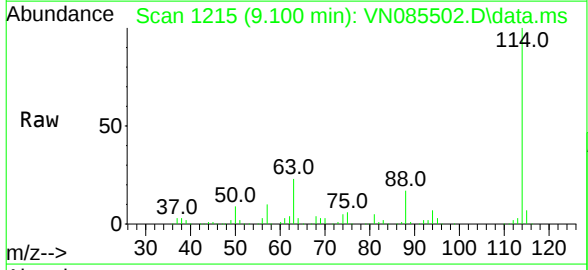




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085502.D
 Acq: 17 Jan 2025 18:24

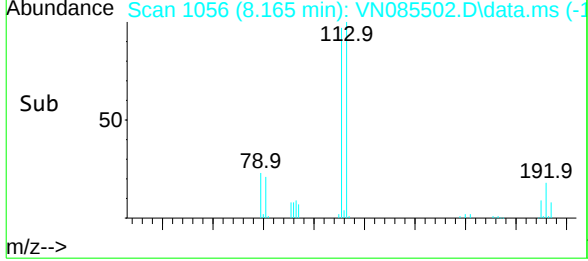
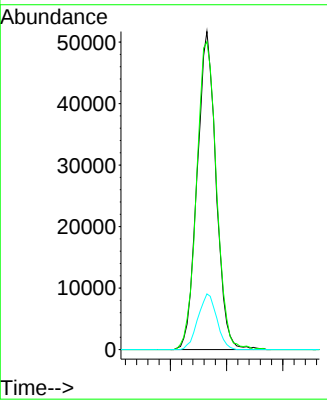
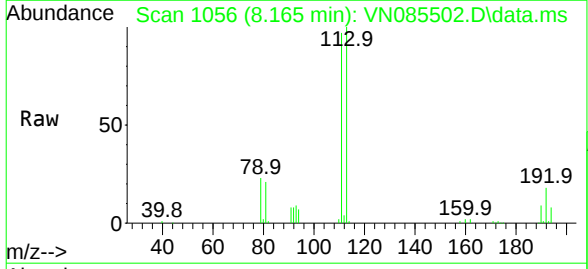
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

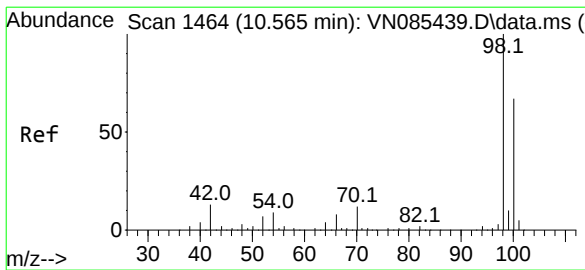
Tgt Ion:	114	Resp:	353519
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.6
88	17.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.269 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085502.D
 Acq: 17 Jan 2025 18:24

Tgt Ion:	113	Resp:	120836
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	17.4	14.3	21.5





#50

Toluene-d8

Concen: 47.350 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085502.D

Acq: 17 Jan 2025 18:24

Instrument :

MSVOA_N

ClientSampleId :

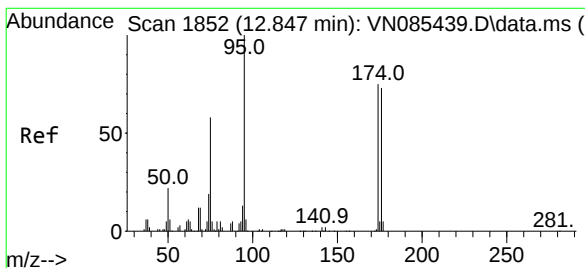
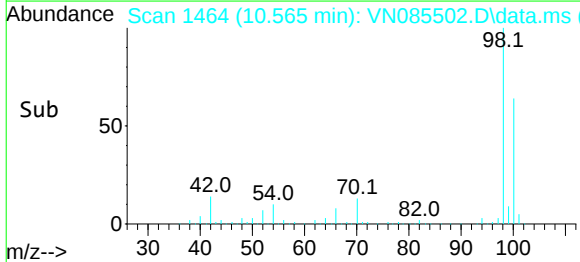
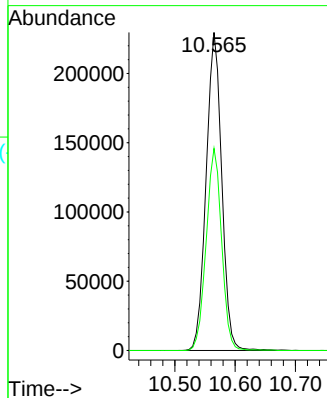
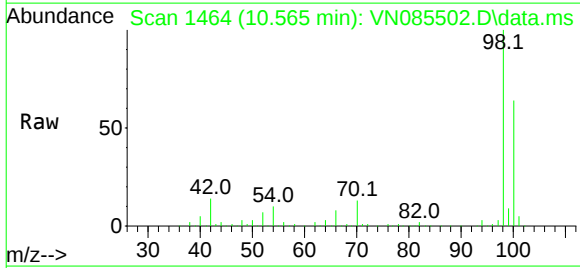
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 412604

Ion Ratio Lower Upper

98 100

100 63.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 48.628 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085502.D

Acq: 17 Jan 2025 18:24

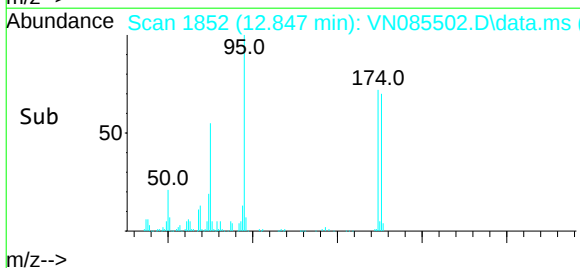
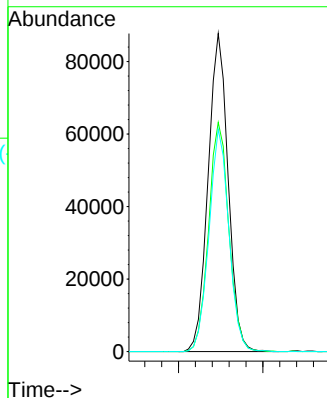
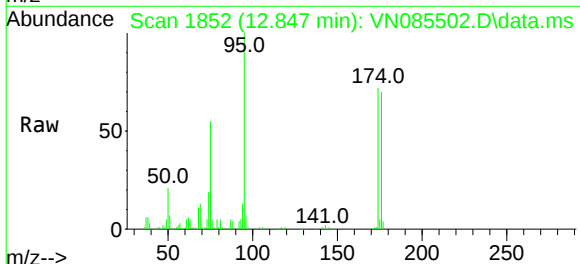
Tgt Ion: 95 Resp: 144949

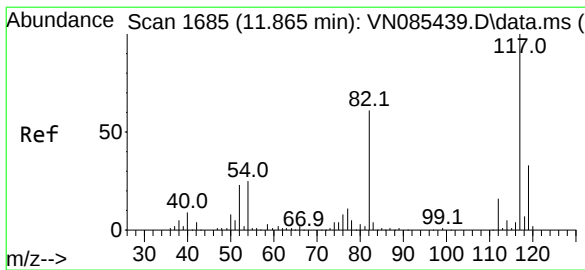
Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

176 69.2 0.0 142.4

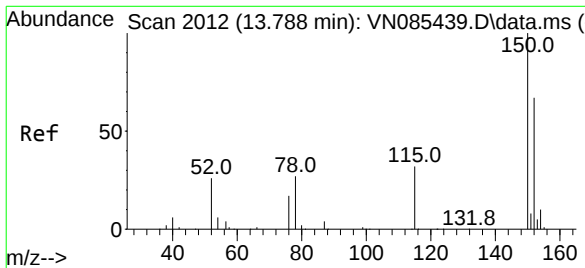
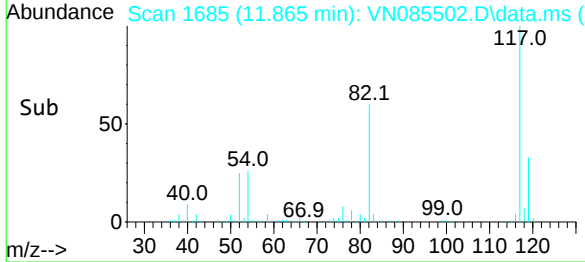
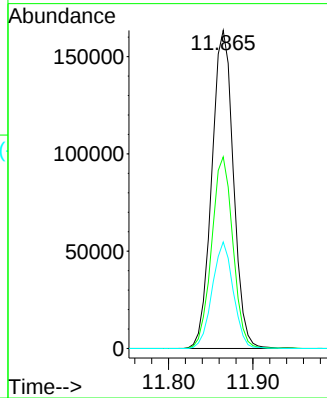
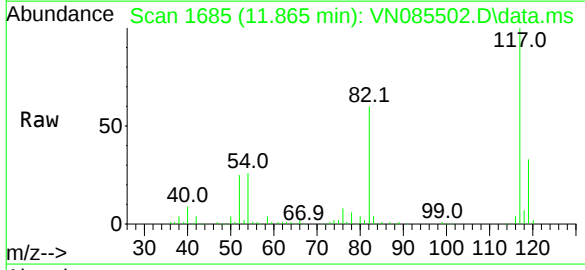




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:24

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 291193
Ion Ratio Lower Upper
117 100
82 60.3 48.6 72.8
119 33.5 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: VN085502.D
Acq: 17 Jan 2025 18:24

Tgt Ion:152 Resp: 121733
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.3
150 155.2 0.0 343.6

