

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085503.D
 Acq On : 17 Jan 2025 18:48
 Operator : JC\MD
 Sample : Q1124-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Jan 17 22:40:51 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	176654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	344083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157802	55.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.680%
35) Dibromofluoromethane	8.165	113	117805	49.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.565	98	408377	48.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.847	95	128859	44.415	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.840%

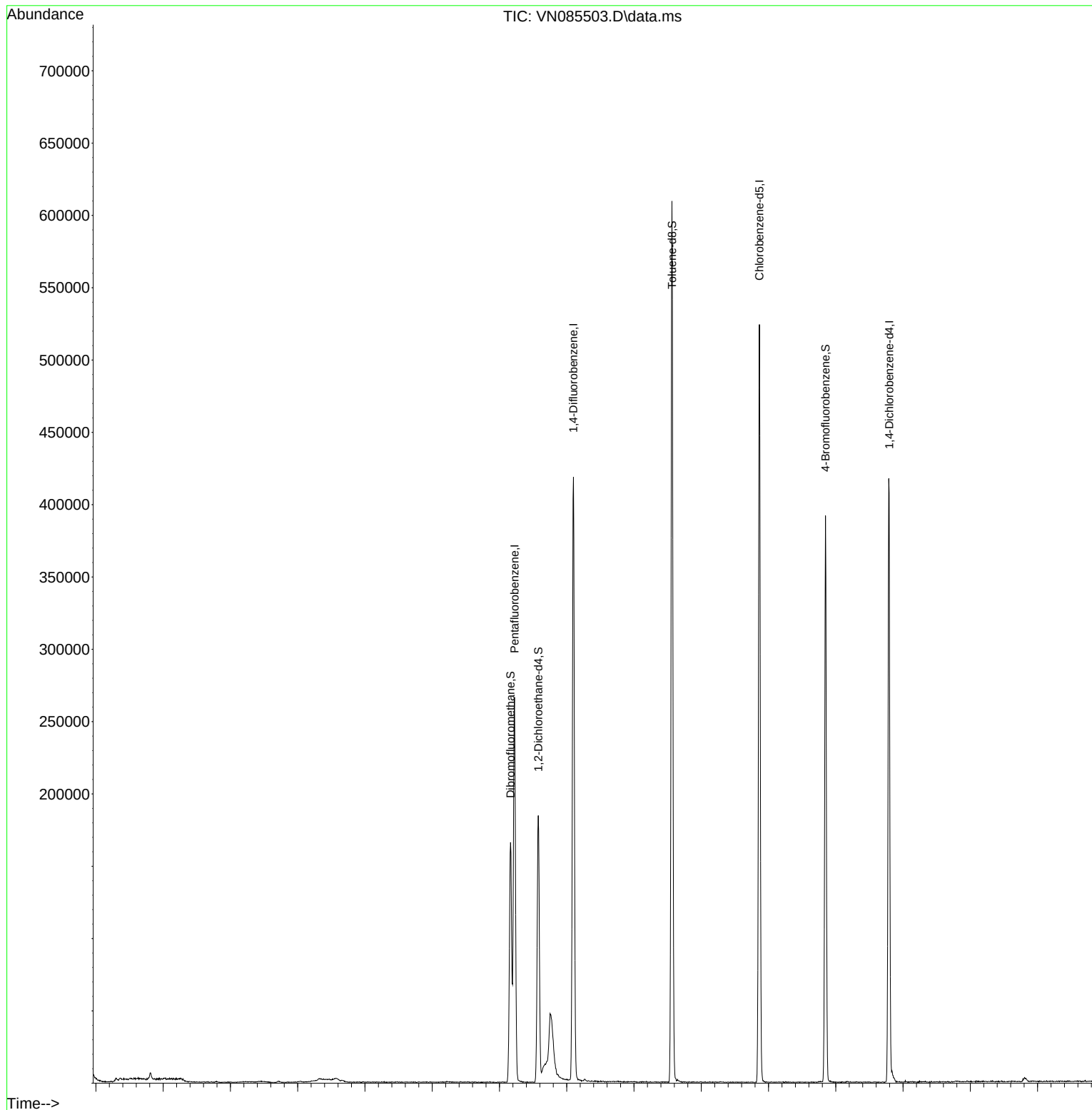
Target Compounds Qvalue

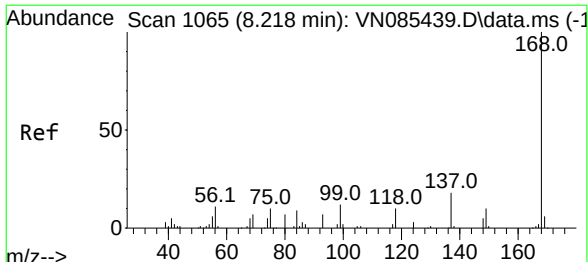
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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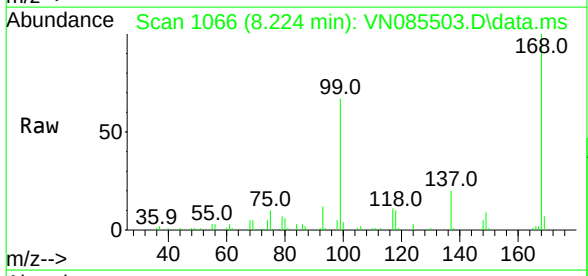
Quant Time: Jan 17 22:40:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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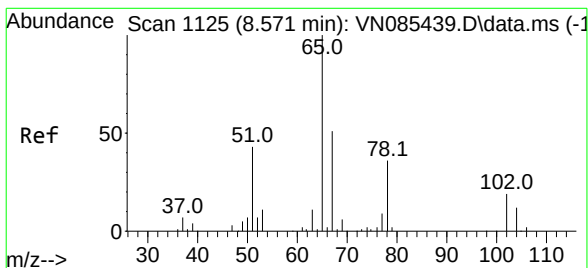
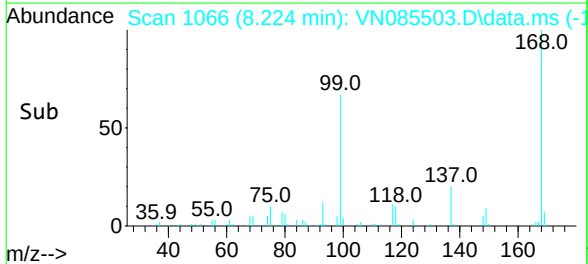
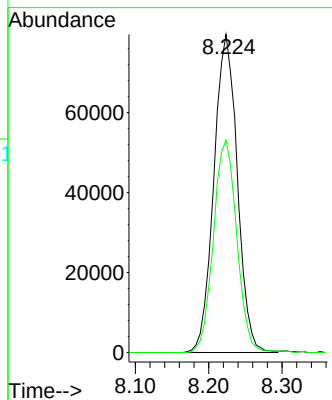


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085503.D
 Acq: 17 Jan 2025 18:48

Instrument : MSVOA_N
 ClientSampleId : Storage-Blank-WATER-REF-4

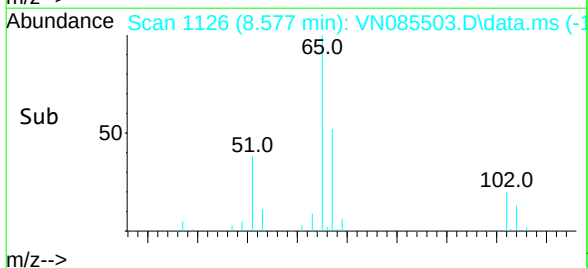
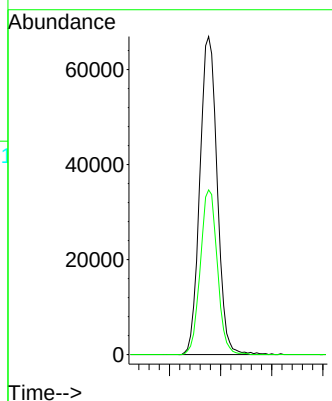
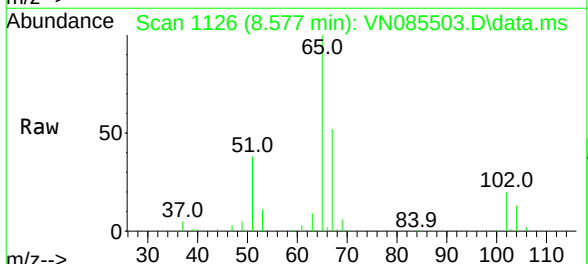


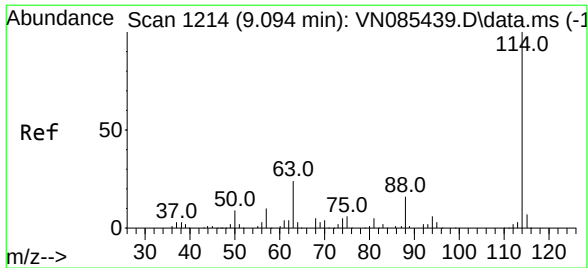
Tgt Ion: 168 Resp: 176654
 Ion Ratio Lower Upper
 168 100
 99 66.8 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.339 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085503.D
 Acq: 17 Jan 2025 18:48

Tgt Ion: 65 Resp: 157802
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.6

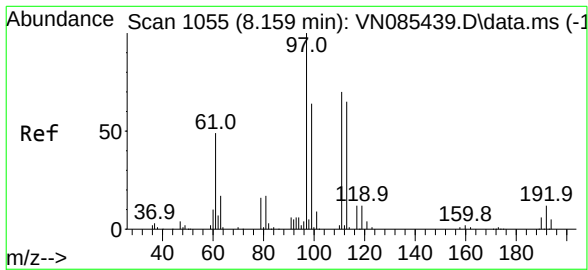
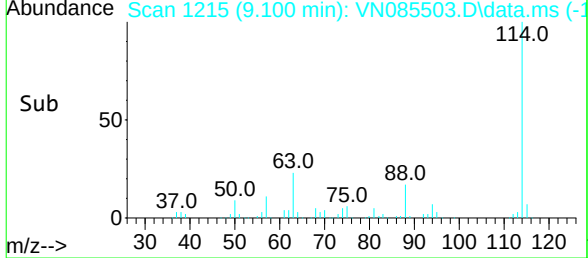
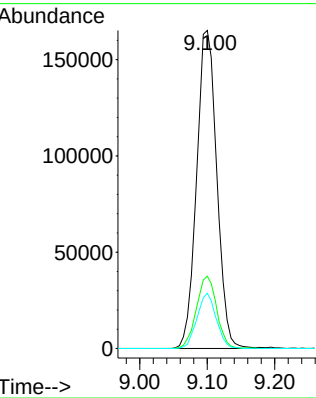
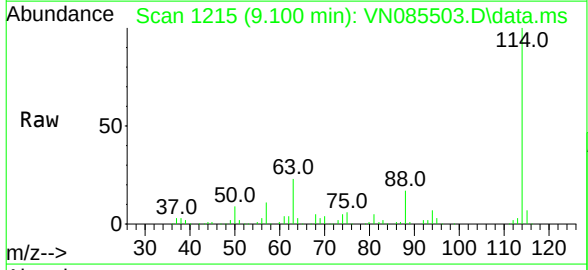




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085503.D
Acq: 17 Jan 2025 18:48

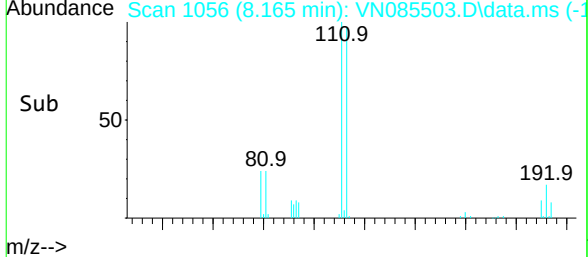
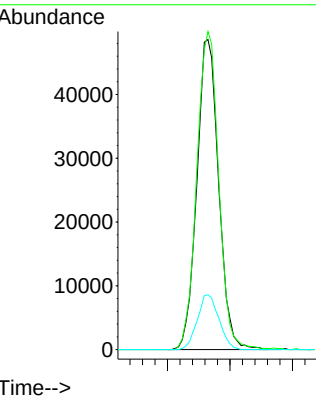
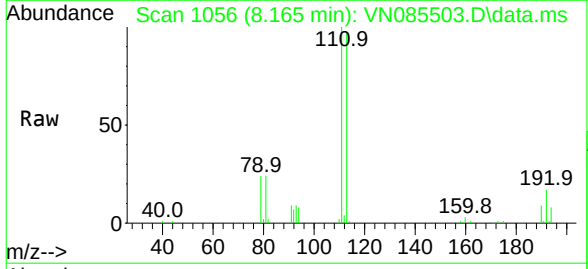
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

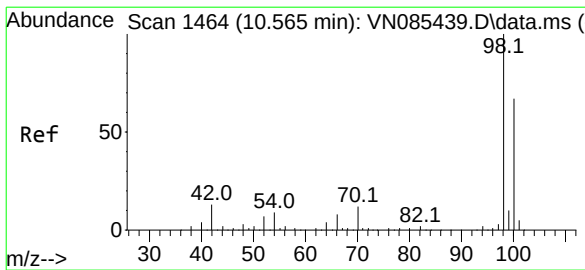
Tgt Ion:	114	Resp:	344083
Ion Ratio	Lower	Upper	
114	100		
63	22.7	0.0	47.6
88	17.3	0.0	32.6



#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085503.D
Acq: 17 Jan 2025 18:48

Tgt Ion:	113	Resp:	117805
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.7	124.1
192	17.5	14.3	21.5





#50

Toluene-d8

Concen: 48.150 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085503.D

Acq: 17 Jan 2025 18:48

Instrument :

MSVOA_N

ClientSampleId :

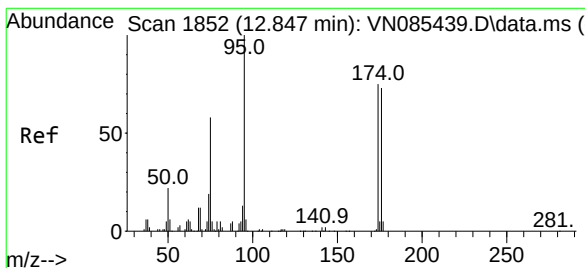
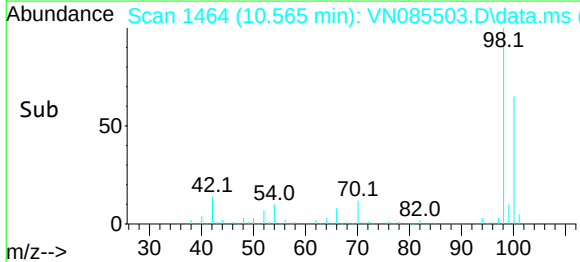
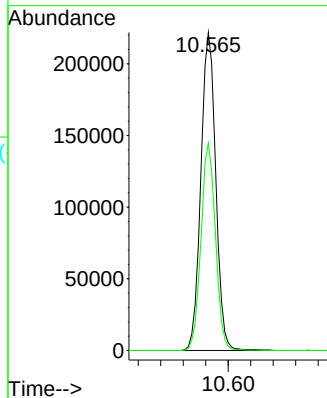
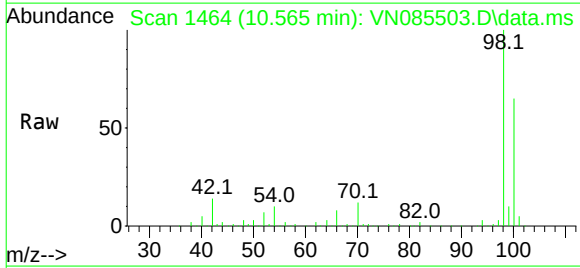
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 408377

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.415 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085503.D

Acq: 17 Jan 2025 18:48

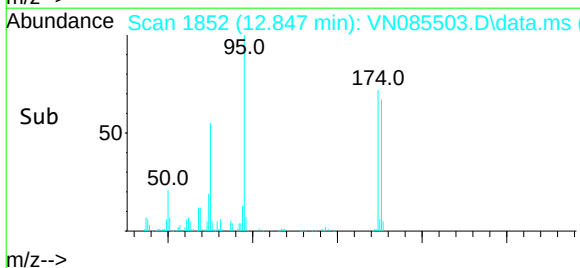
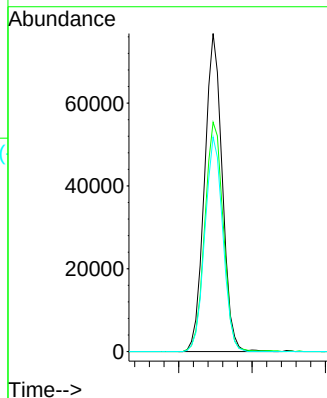
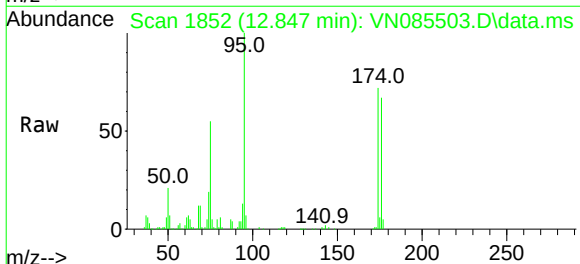
Tgt Ion: 95 Resp: 128859

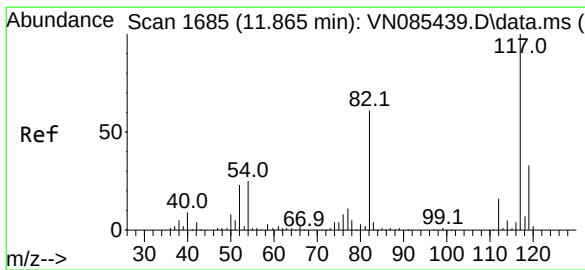
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.0

176 68.3 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN085503.D

Acq: 17 Jan 2025 18:48

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

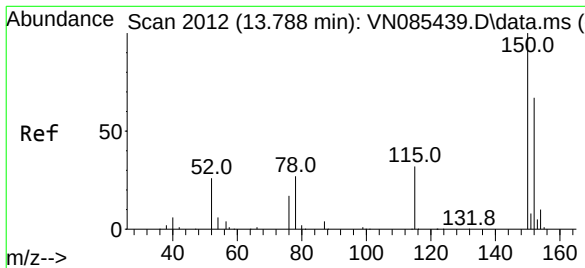
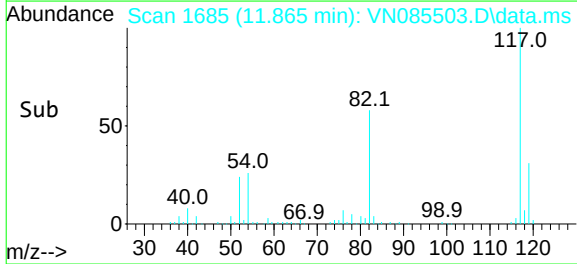
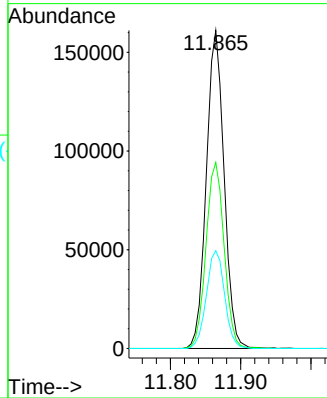
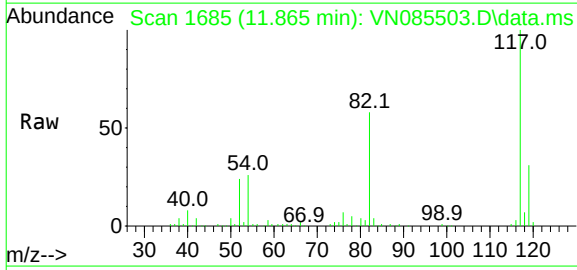
Tgt Ion:117 Resp: 282333

Ion Ratio Lower Upper

117 100

82 58.5 48.6 72.8

119 30.7 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085503.D

Acq: 17 Jan 2025 18:48

Tgt Ion:152 Resp: 108610

Ion Ratio Lower Upper

152 100

115 63.9 31.1 93.3

150 160.0 0.0 343.6

