

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085473.D
 Acq On : 16 Jan 2025 16:33
 Operator : JC\MD
 Sample : Q1060-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 17 01:06:46 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	8.218	168	173367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	156112	55.784	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.560%		
35) Dibromofluoromethane	8.159	113	116141	52.543	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.080%		
50) Toluene-d8	10.565	98	394826	50.274	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.540%		
62) 4-Bromofluorobenzene	12.847	95	126070	46.927	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.860%		

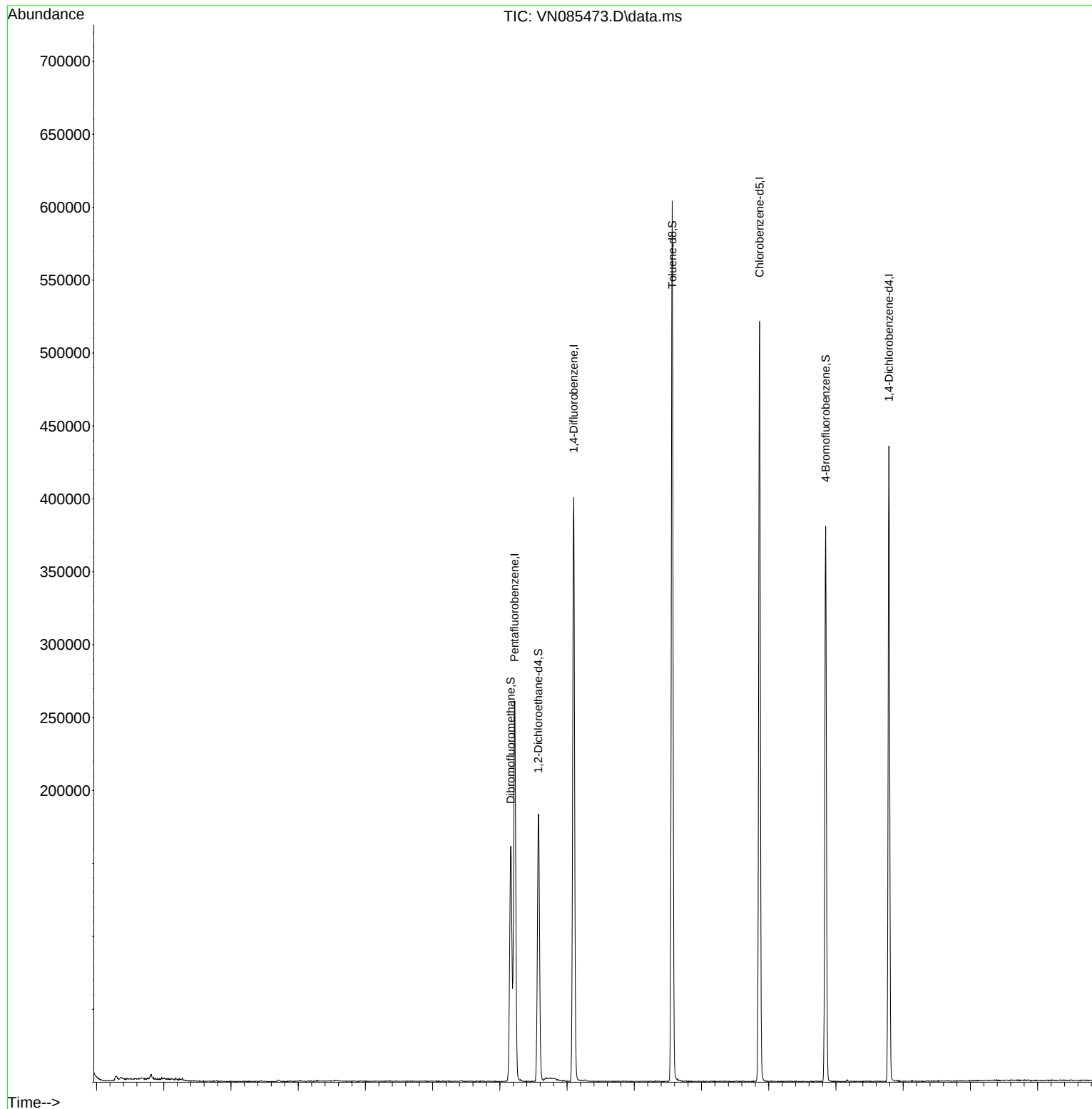
Target Compounds Qvalue

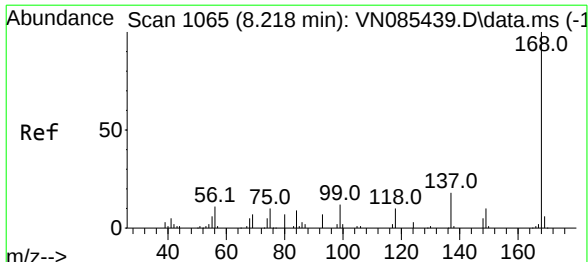
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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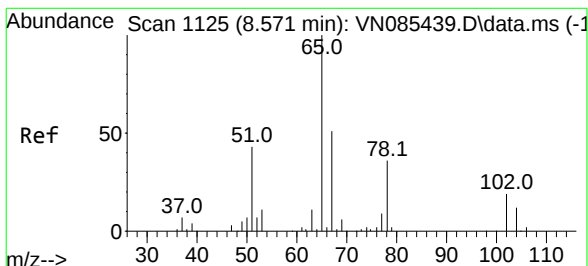
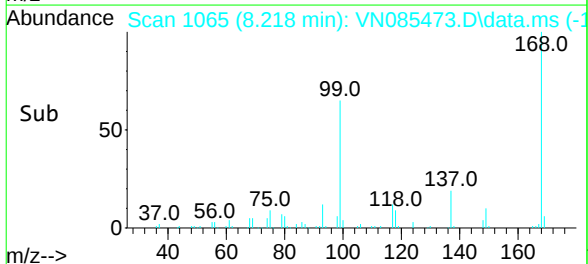
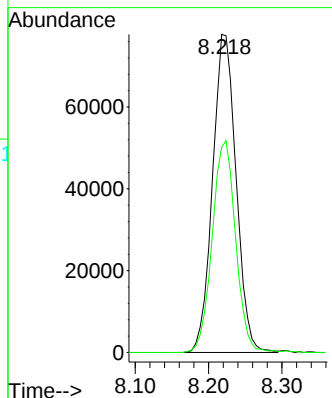
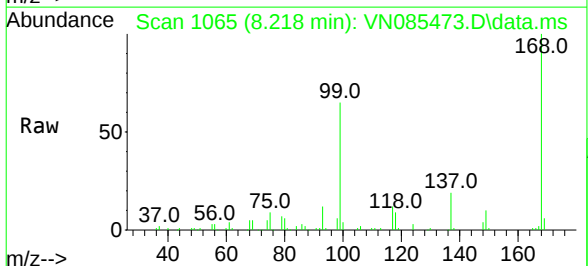




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

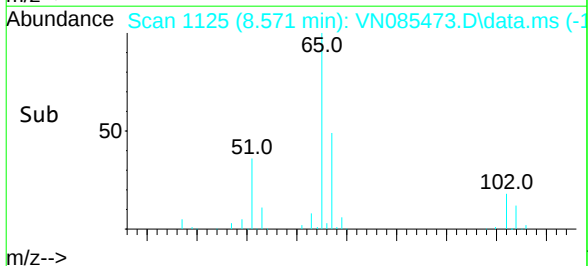
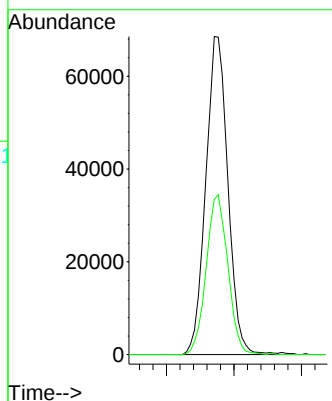
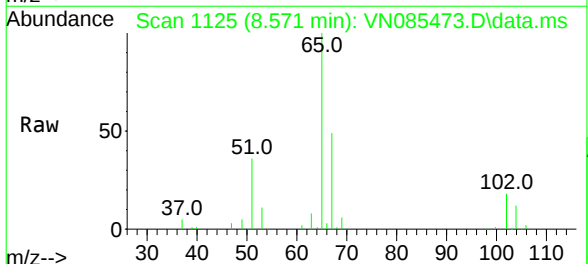
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

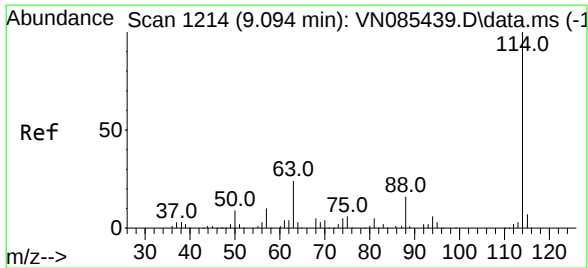
Tgt Ion:168 Resp: 173367
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 55.784 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion: 65 Resp: 156112
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.6

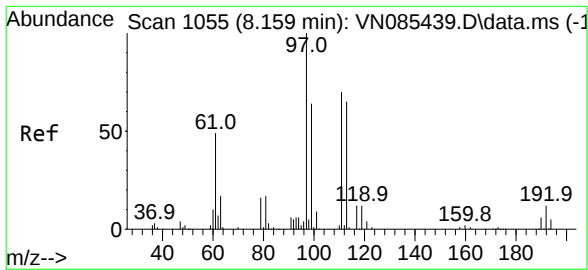
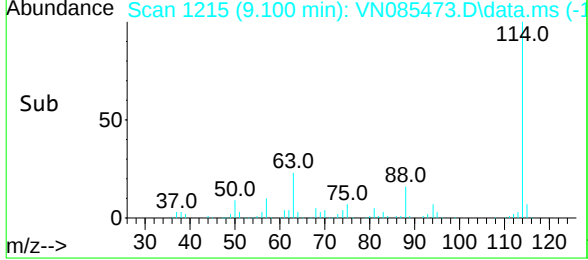
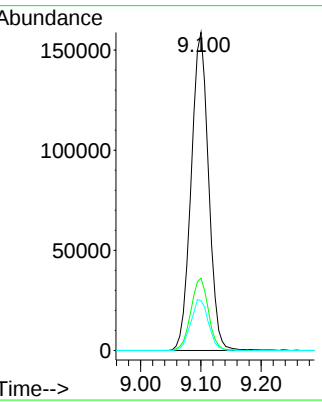
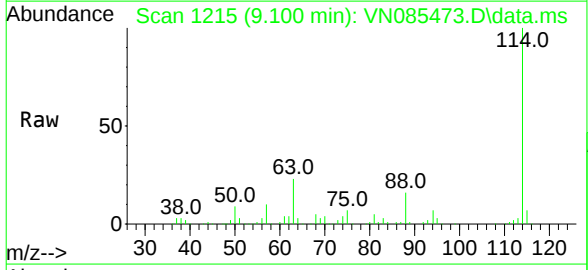




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085473.D
 Acq: 16 Jan 2025 16:33

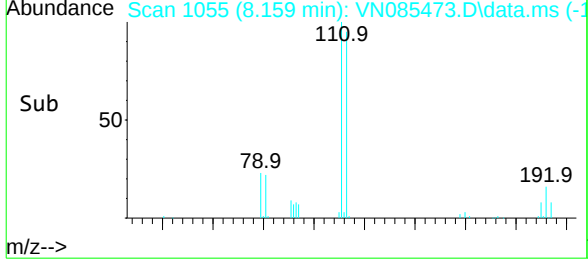
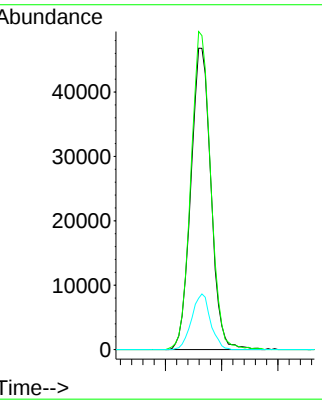
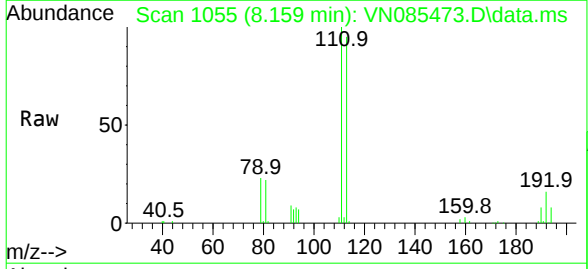
Instrument : MSVOA_N
 ClientSampleId : Storage-Blank-WATER-REF-4

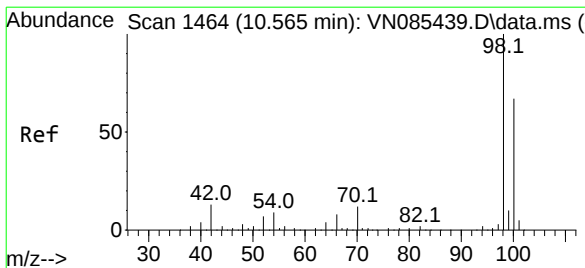
Tgt Ion:	114	Resp:	318615
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.6
88	15.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.543 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085473.D
 Acq: 16 Jan 2025 16:33

Tgt Ion:	113	Resp:	116141
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	17.3	14.3	21.5





#50

Toluene-d8

Concen: 50.274 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085473.D

Acq: 16 Jan 2025 16:33

Instrument :

MSVOA_N

ClientSampleId :

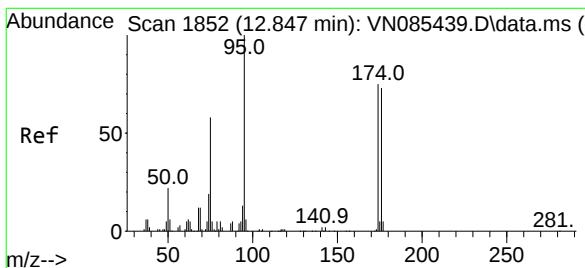
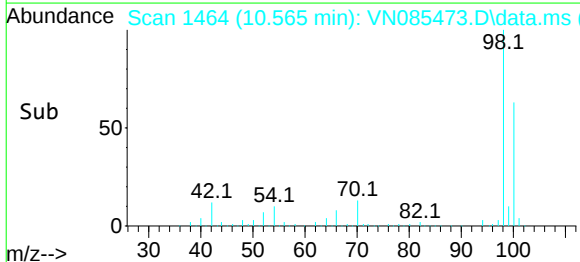
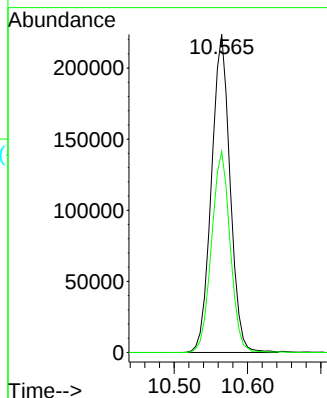
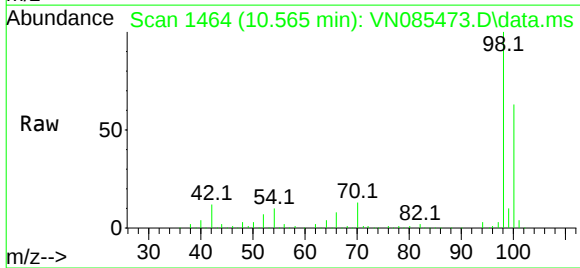
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 394826

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.927 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085473.D

Acq: 16 Jan 2025 16:33

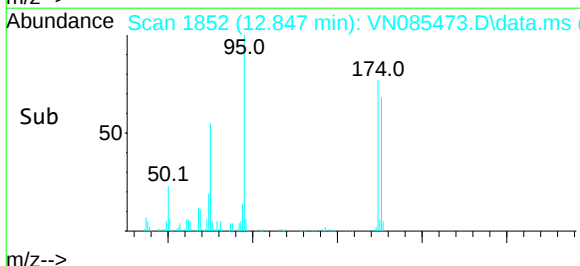
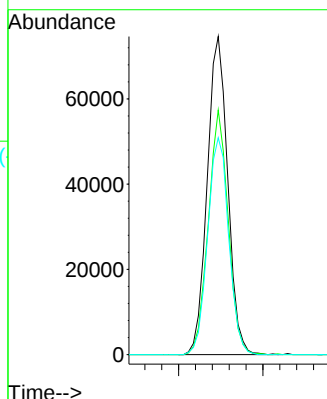
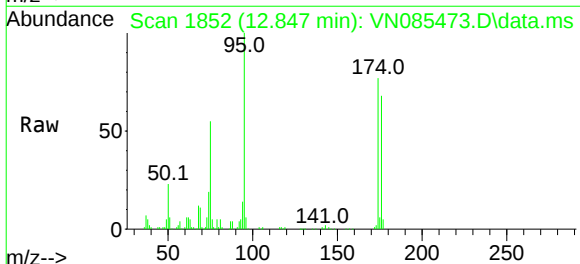
Tgt Ion: 95 Resp: 126070

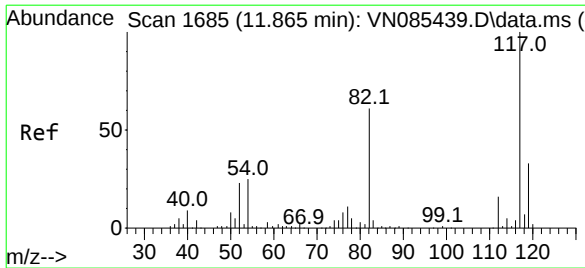
Ion Ratio Lower Upper

95 100

174 74.7 0.0 145.0

176 69.8 0.0 142.4

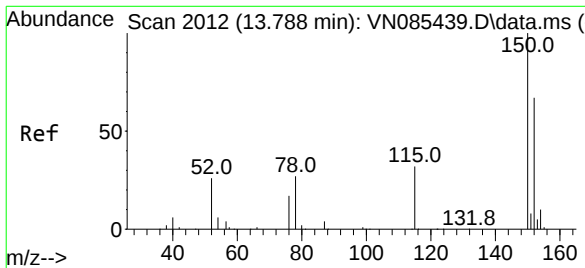
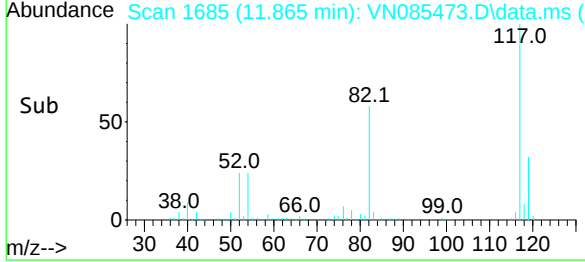
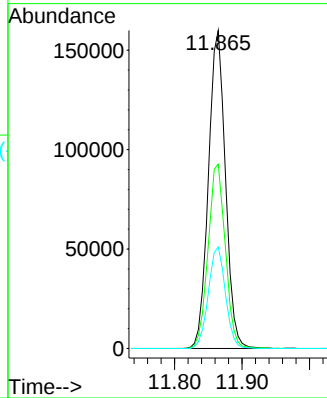
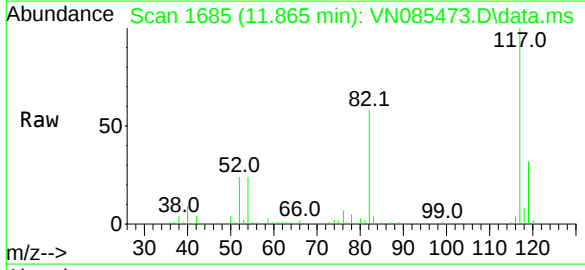




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

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

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	48.6	72.8
119	31.9	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: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.1	93.3
150	156.8	0.0	343.6

