

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083655.D
 Acq On : 04 Sep 2024 17:30
 Operator : JC\MD
 Sample : P3804-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 05 02:29:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	148389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113238	54.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.200%	
35) Dibromofluoromethane	8.165	113	91223	50.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	10.565	98	330621	46.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.620%	
62) 4-Bromofluorobenzene	12.847	95	155674	59.466	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 118.940%	

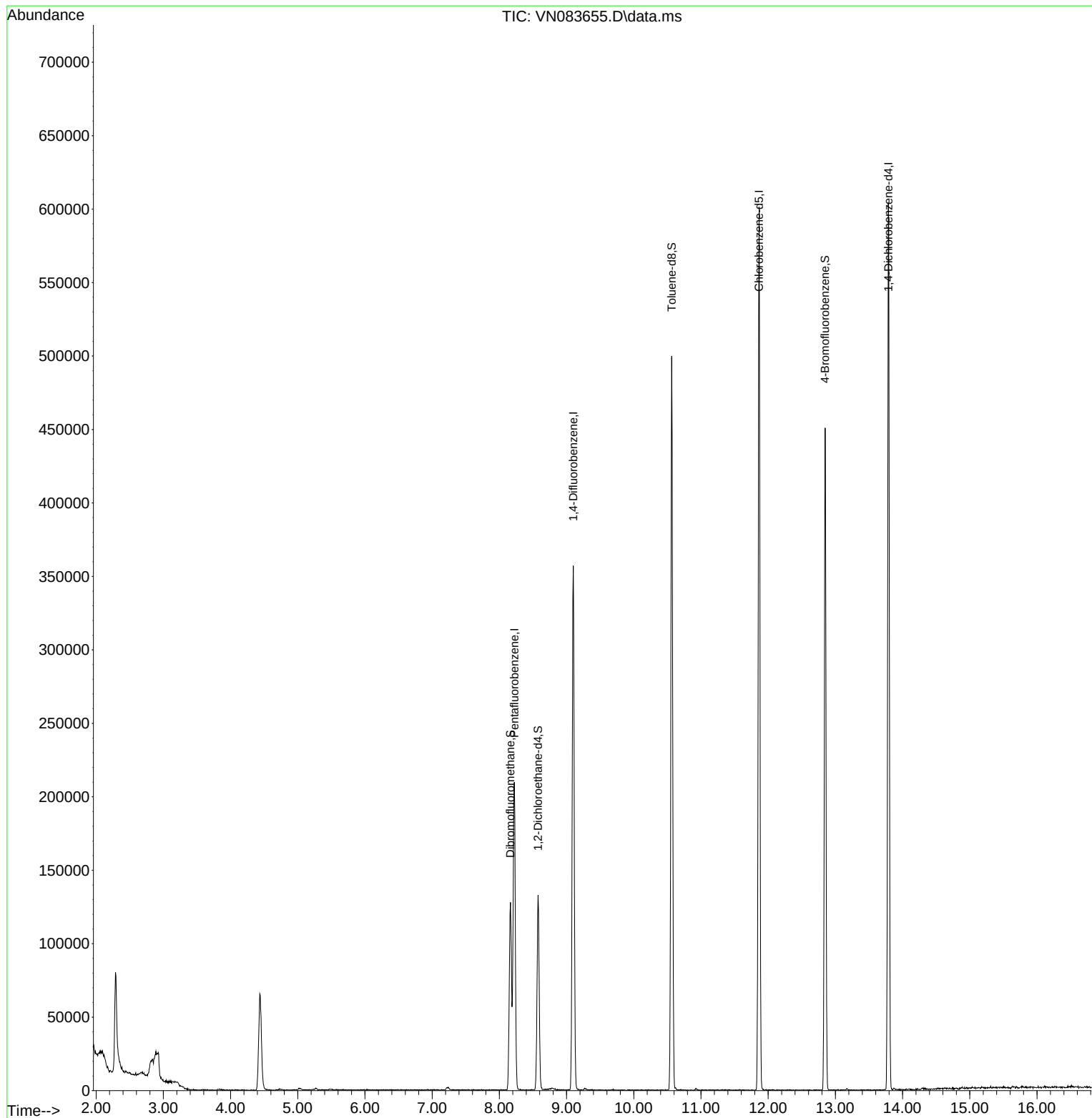
Target Compounds	Qvalue

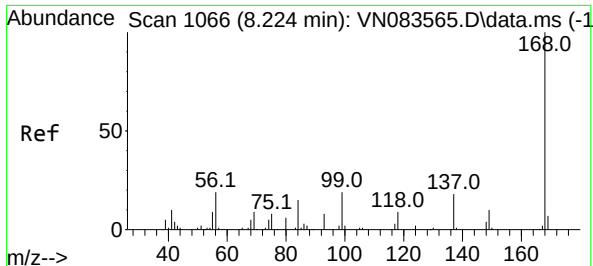
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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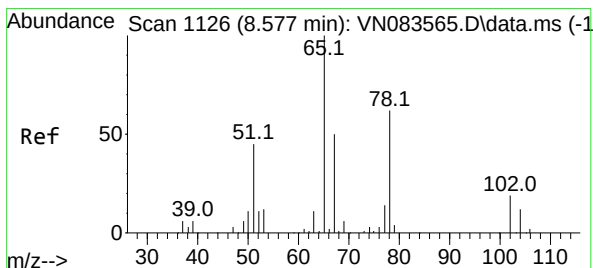
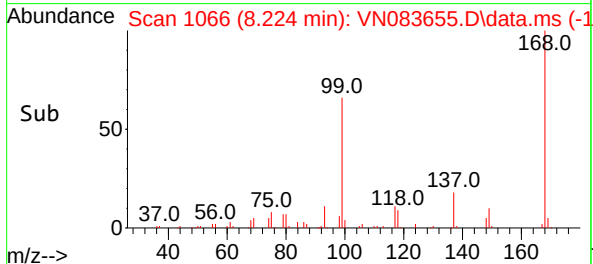
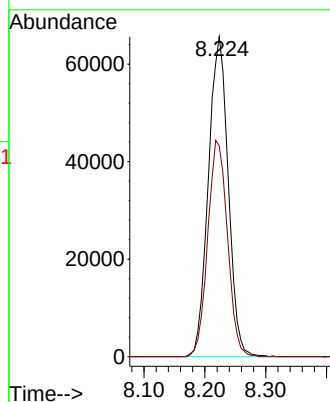
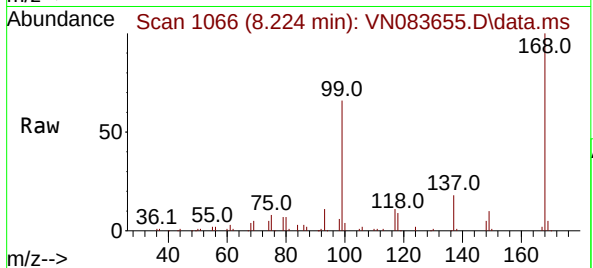




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

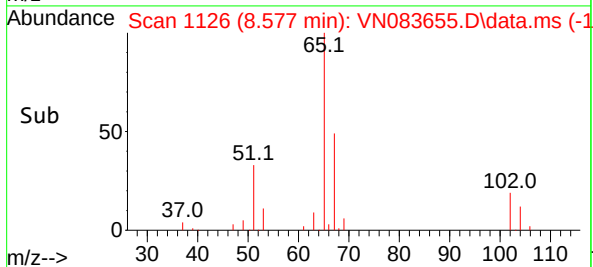
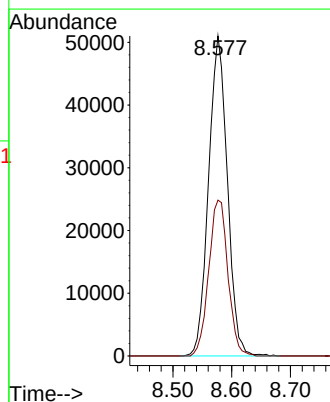
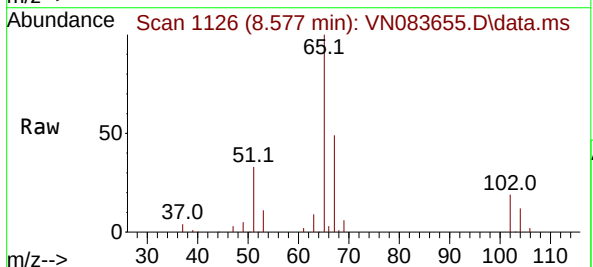
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

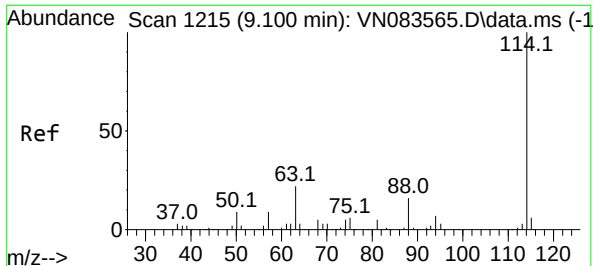
Tgt Ion:168 Resp: 148389
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.602 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion: 65 Resp: 113238
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8

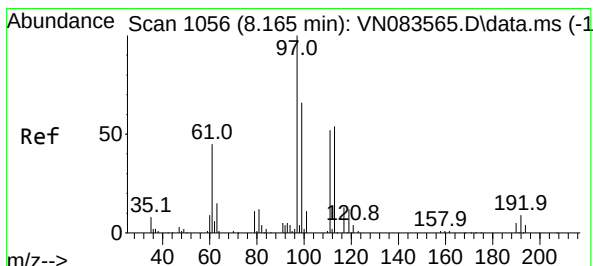
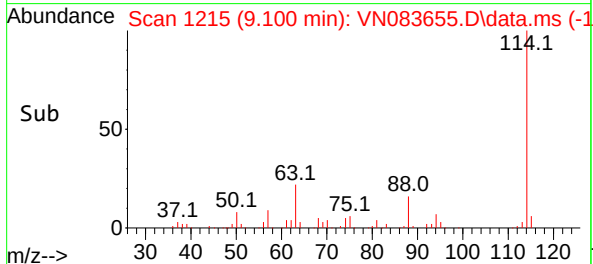
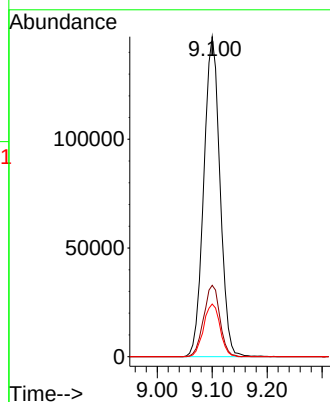
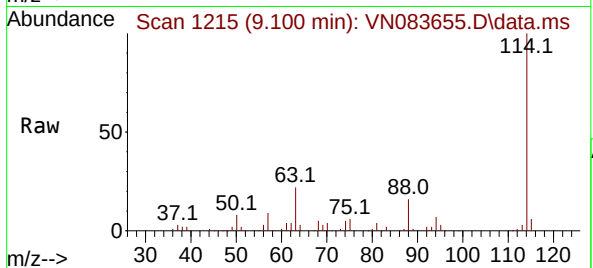




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

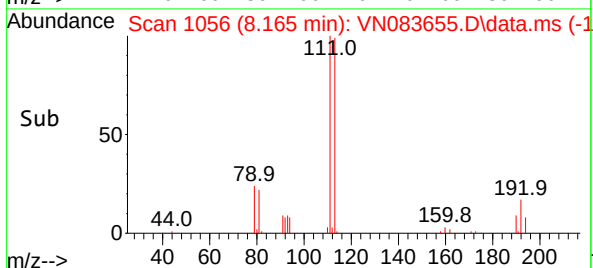
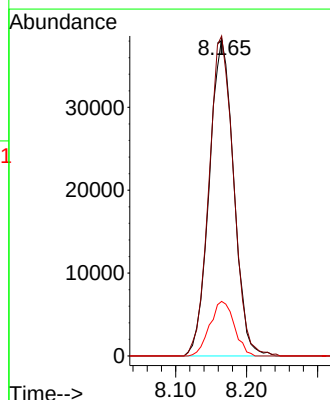
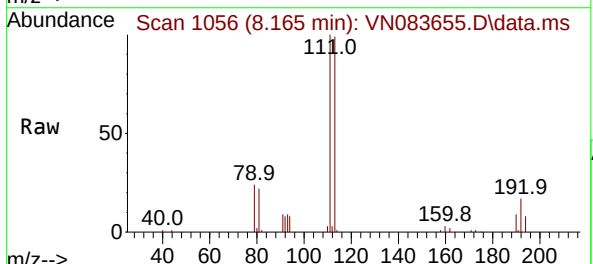
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

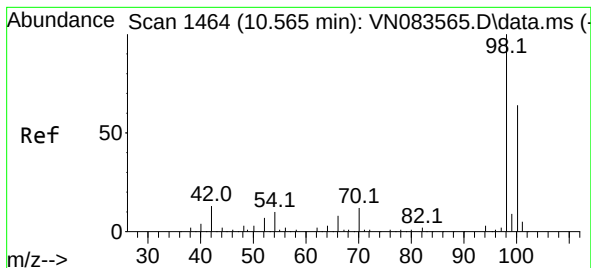
Tgt Ion:114 Resp: 301507
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.4
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.269 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion:113 Resp: 91223
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 17.2 14.3 21.5





#50

Toluene-d8

Concen: 46.807 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083655.D

Acq: 04 Sep 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

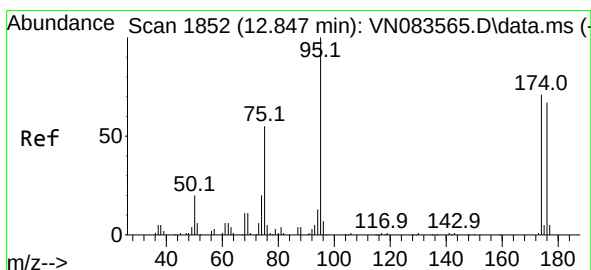
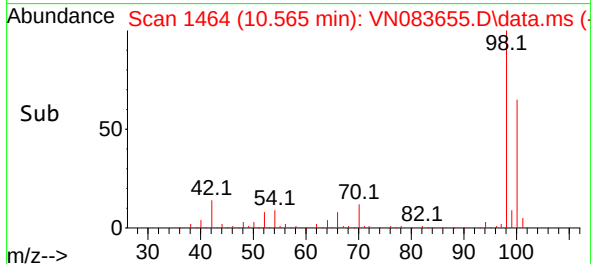
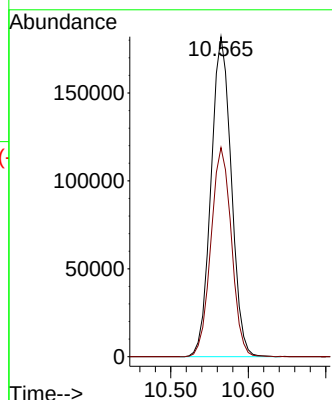
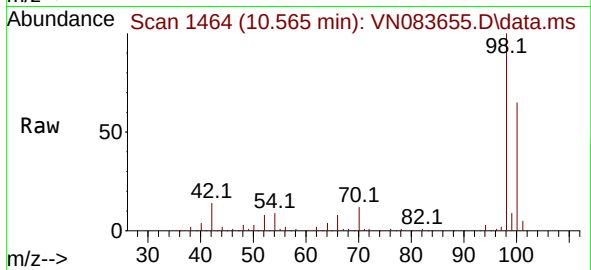
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 330621

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 59.466 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083655.D

Acq: 04 Sep 2024 17:30

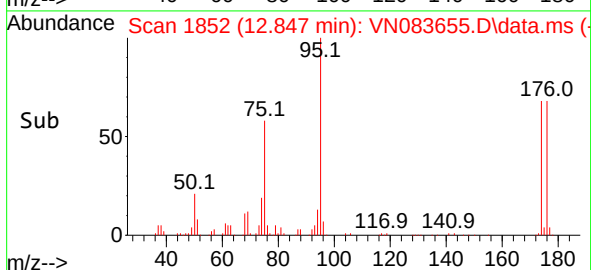
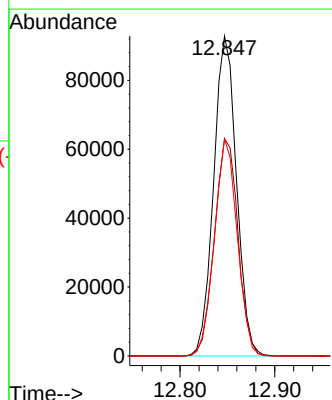
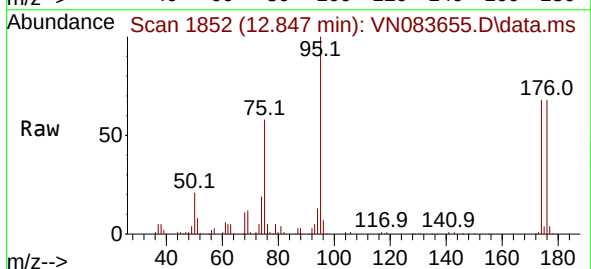
Tgt Ion: 95 Resp: 155674

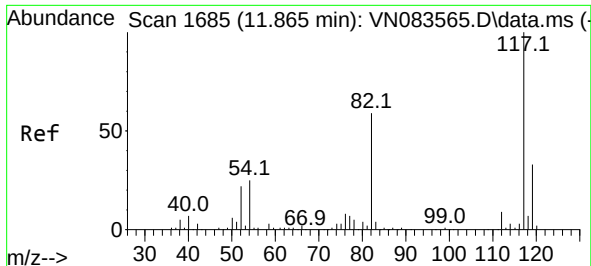
Ion Ratio Lower Upper

95 100

174 70.0 0.0 139.8

176 68.0 0.0 131.4

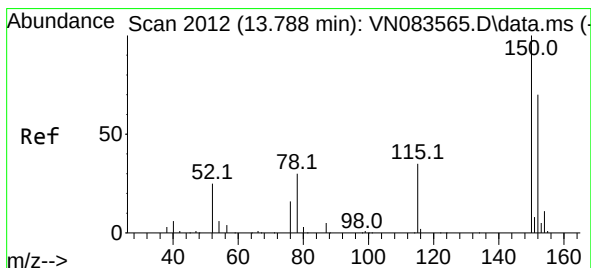
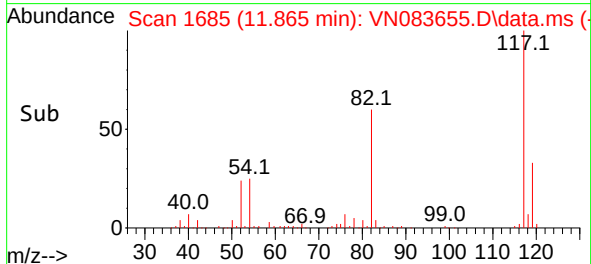
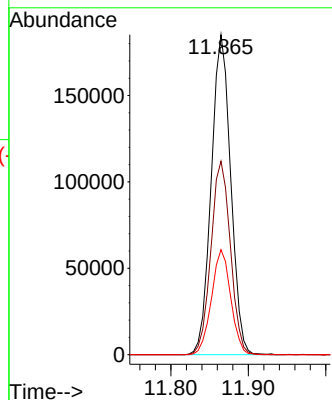
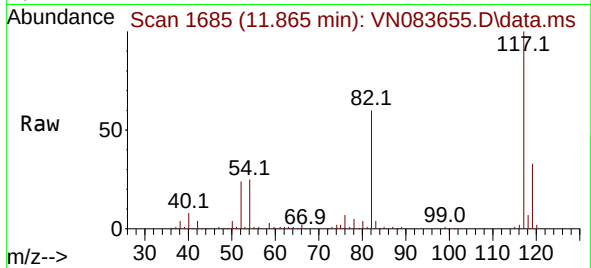




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

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

Tgt Ion:117 Resp: 323031
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion:152 Resp: 154170
Ion Ratio Lower Upper
152 100
115 65.2 32.2 96.6
150 159.1 0.0 348.6

