

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083433.D
 Acq On : 22 Aug 2024 14:08
 Operator : JC\MD
 Sample : P3654-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 23 01:40:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	134383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105910	55.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.740%	
35) Dibromofluoromethane	8.165	113	85559	50.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	10.565	98	301752	47.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.740%	
62) 4-Bromofluorobenzene	12.847	95	139516	56.777	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.560%	

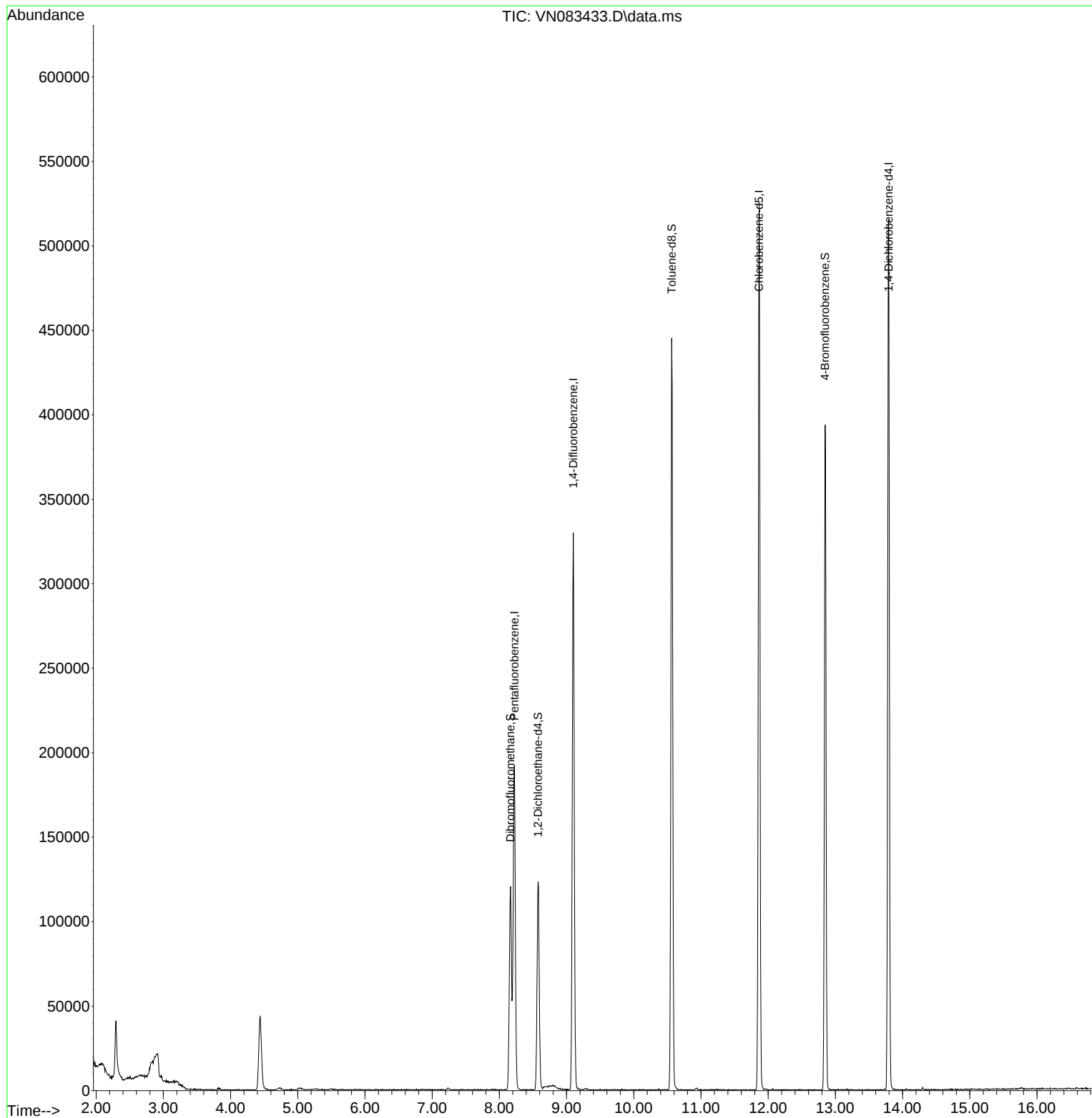
Target Compounds	Qvalue

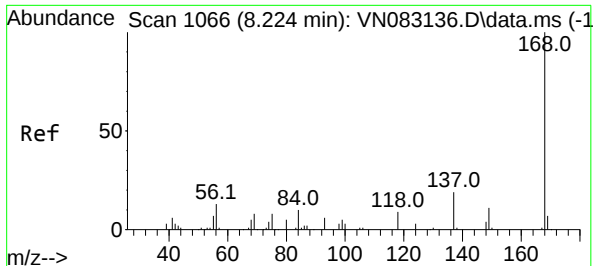
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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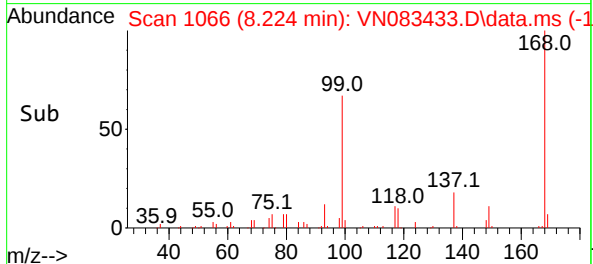
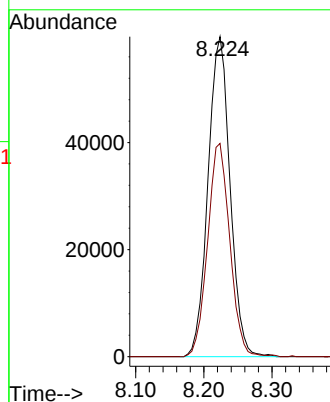
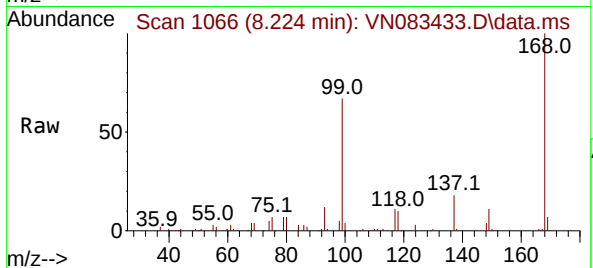




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

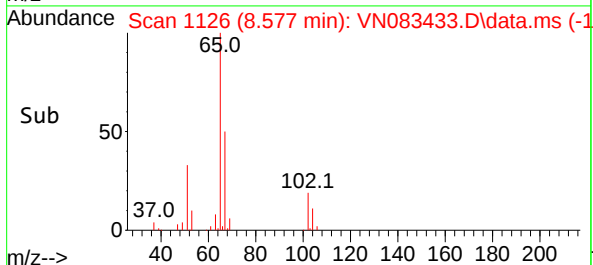
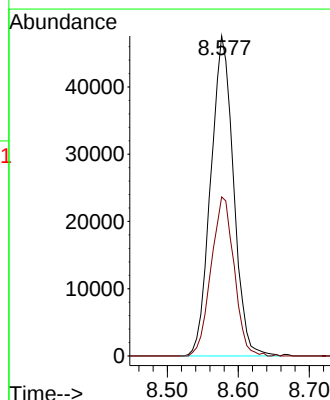
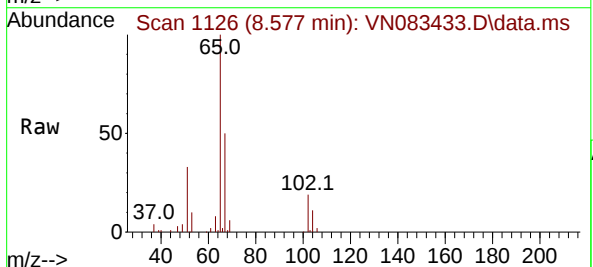
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

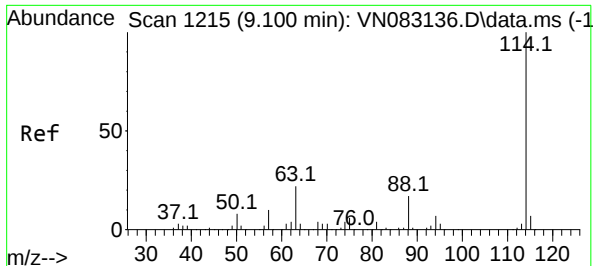
Tgt Ion:168 Resp: 134383
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.369 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Tgt Ion: 65 Resp: 105910
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083433.D

Acq: 22 Aug 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

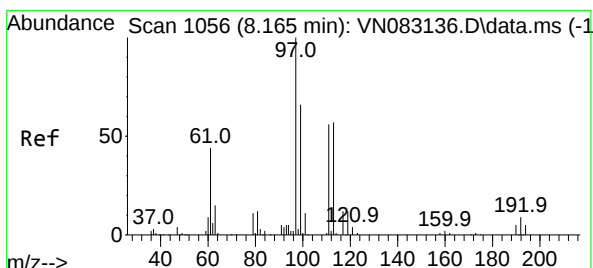
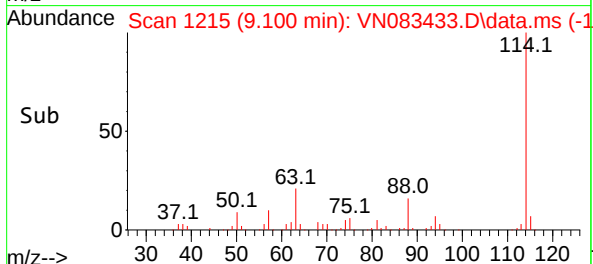
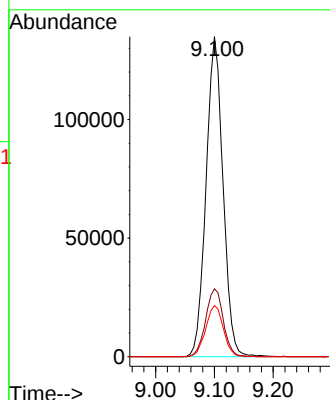
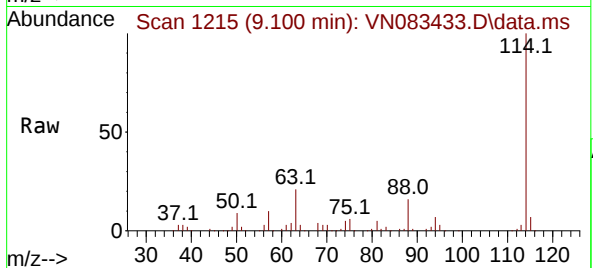
Tgt Ion:114 Resp: 270705

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.636 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083433.D

Acq: 22 Aug 2024 14:08

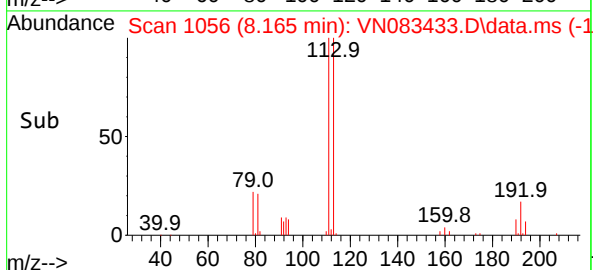
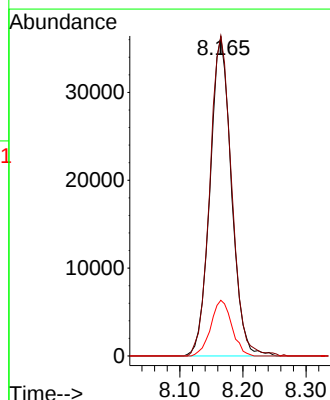
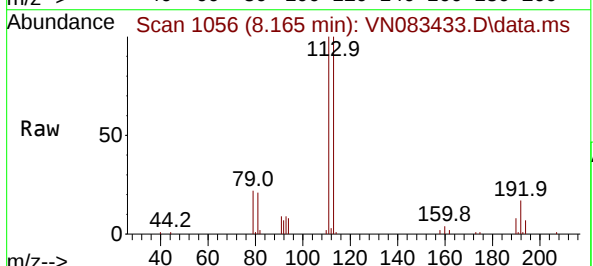
Tgt Ion:113 Resp: 85559

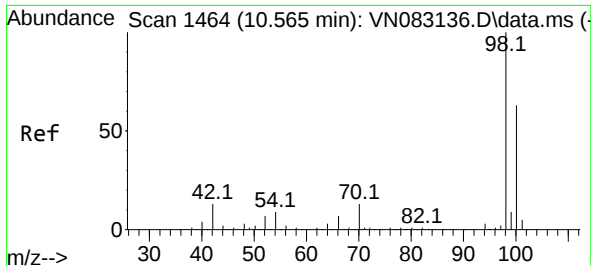
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.1 14.9 22.3

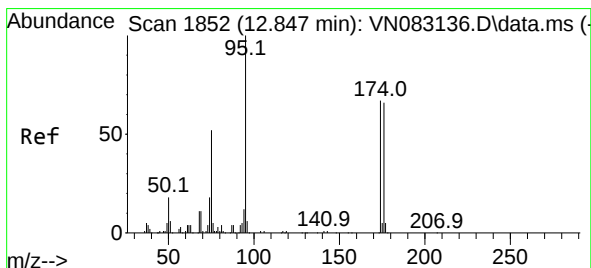
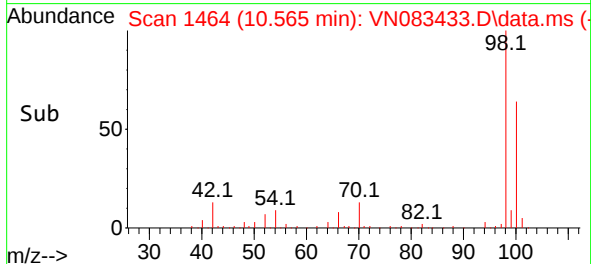
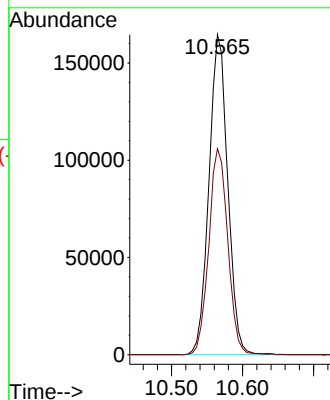
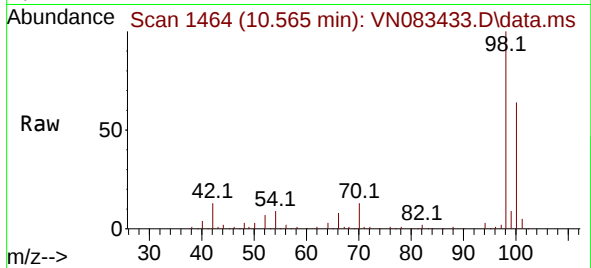




#50
Toluene-d8
Concen: 47.875 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

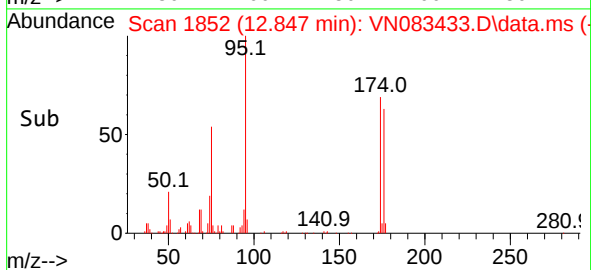
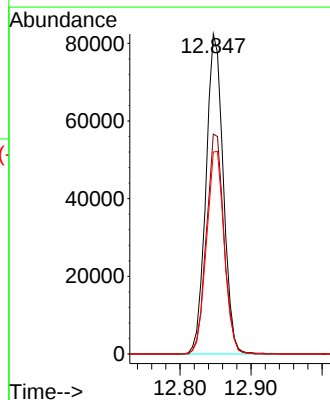
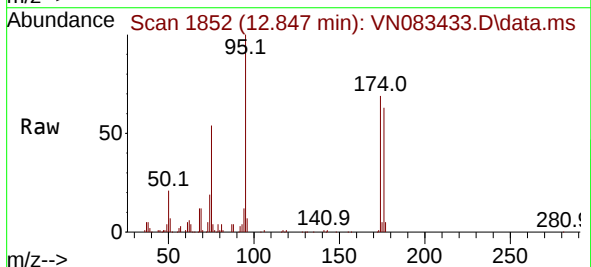
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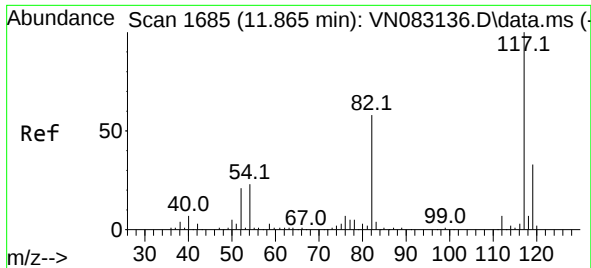
Tgt Ion: 98 Resp: 301752
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.777 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Tgt Ion: 95 Resp: 139516
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 65.0 0.0 147.6

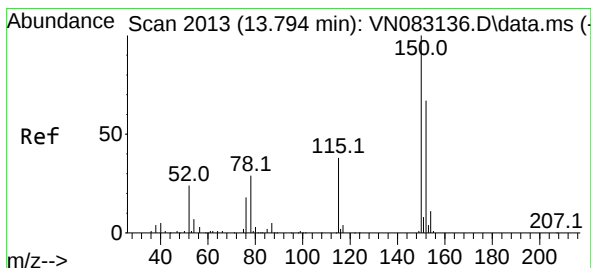
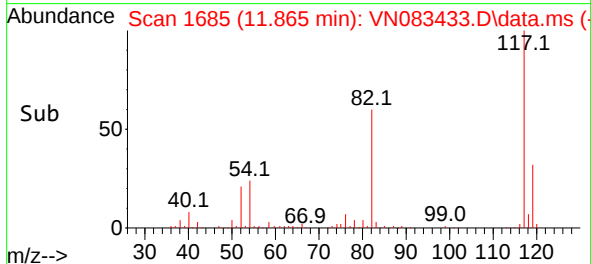
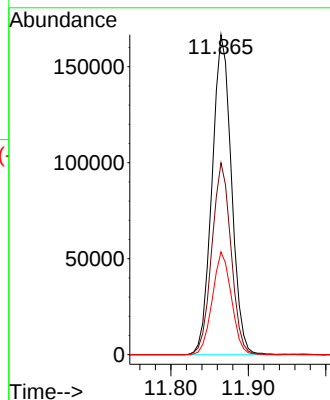
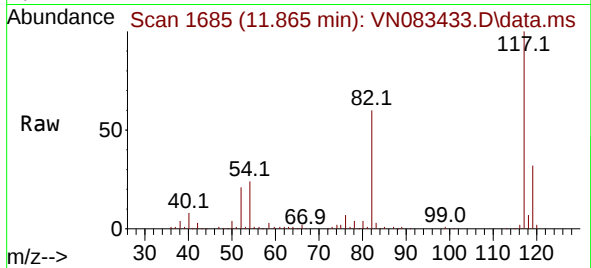




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

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

Tgt Ion:117 Resp: 289827
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Tgt Ion:152 Resp: 135910
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.2 0.0 348.6

