

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083352.D
 Acq On : 16 Aug 2024 14:26
 Operator : JC\MD
 Sample : P3456-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 17 01:46:10 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	121798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102913	59.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.720%
35) Dibromofluoromethane	8.165	113	81648	54.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.280%
50) Toluene-d8	10.565	98	305304	54.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.847	95	122269	56.260	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.520%

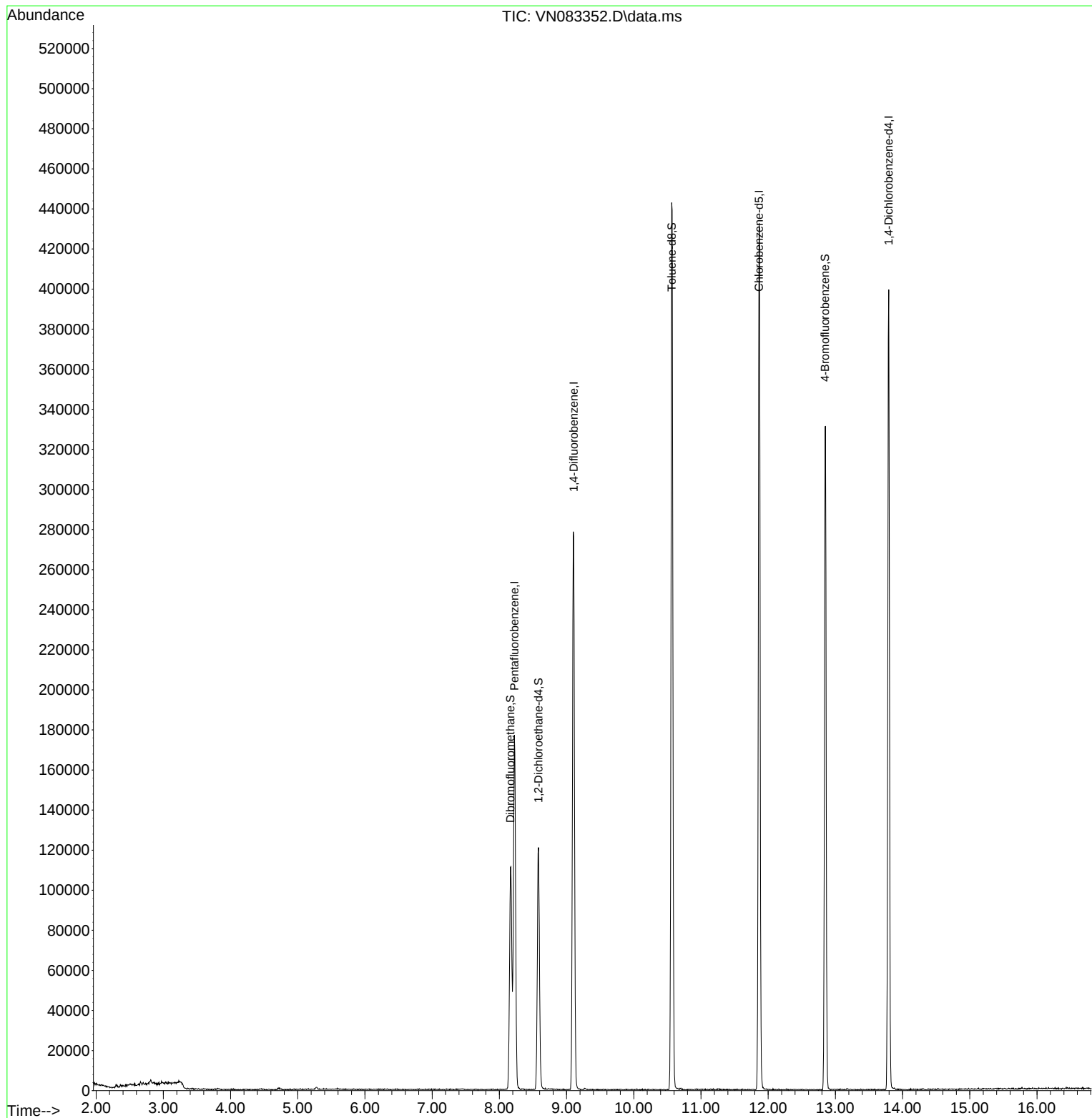
Target Compounds	Qvalue

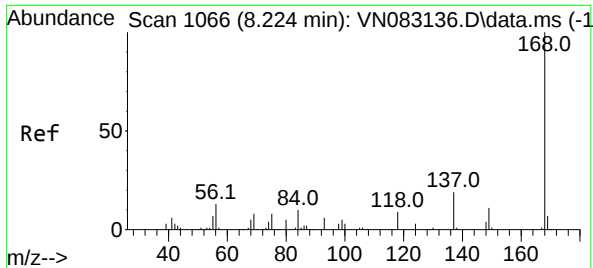
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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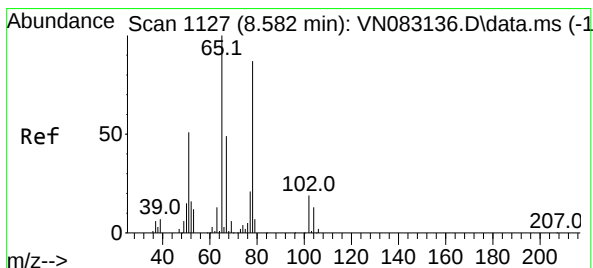
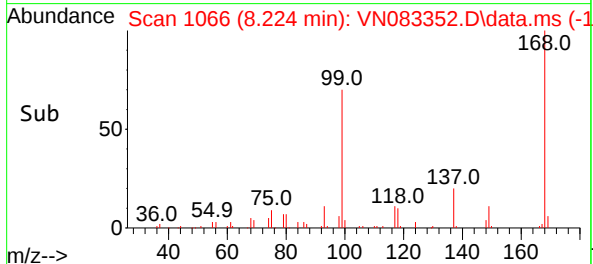
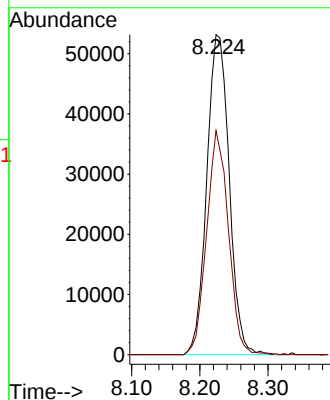
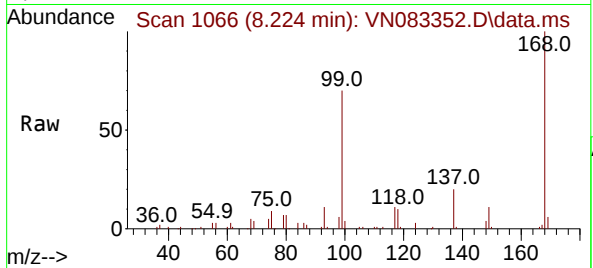




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

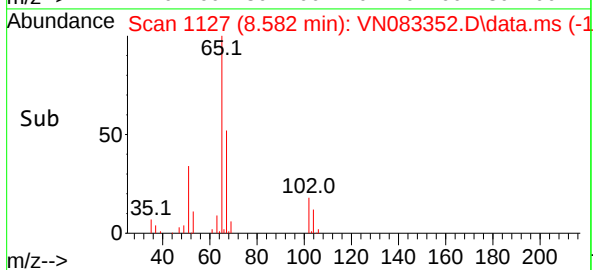
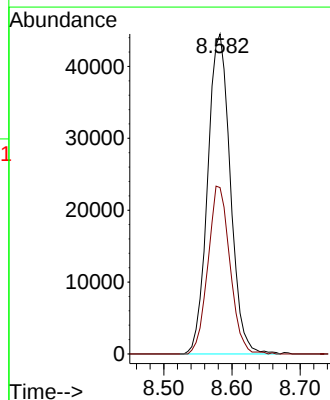
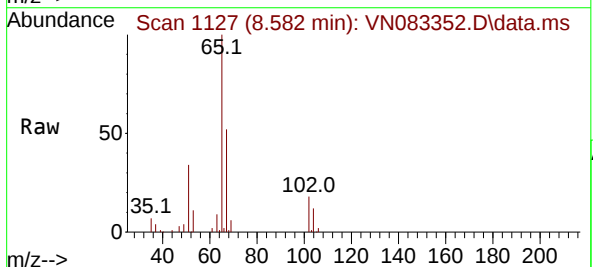
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 121798
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.362 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion: 65 Resp: 102913
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

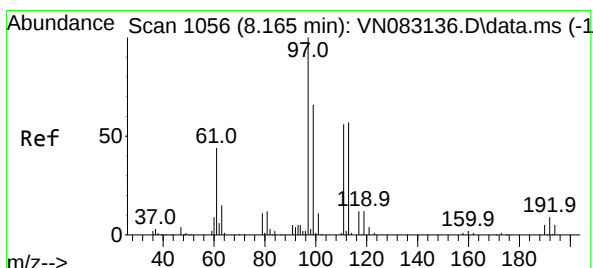
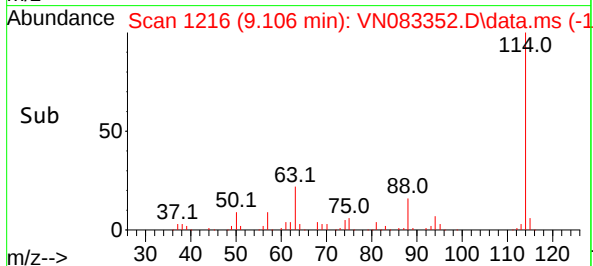
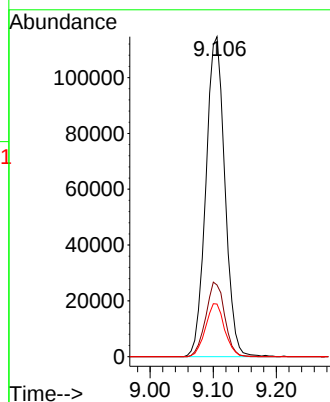
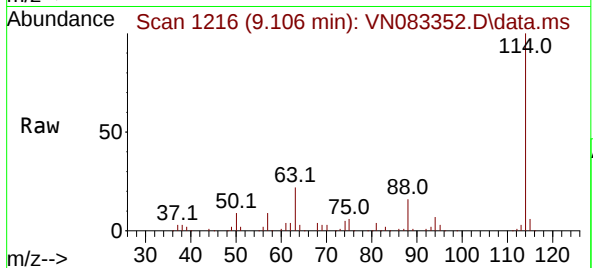
Tgt Ion:114 Resp: 239422

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.635 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

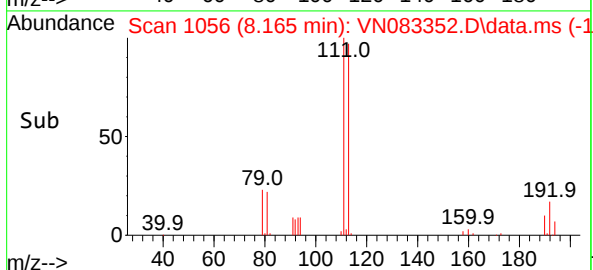
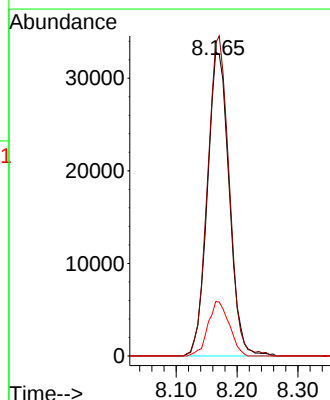
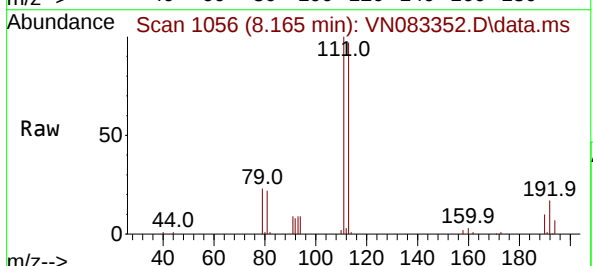
Tgt Ion:113 Resp: 81648

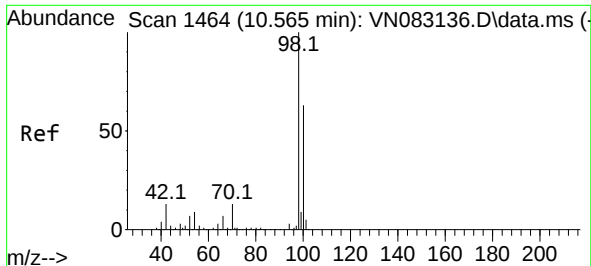
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 17.5 14.9 22.3

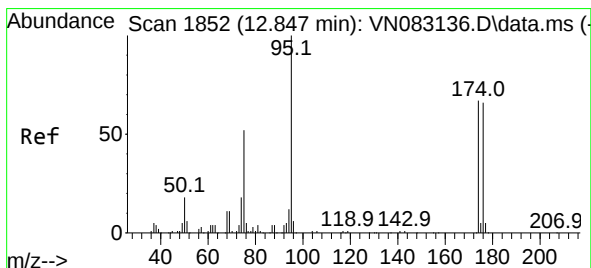
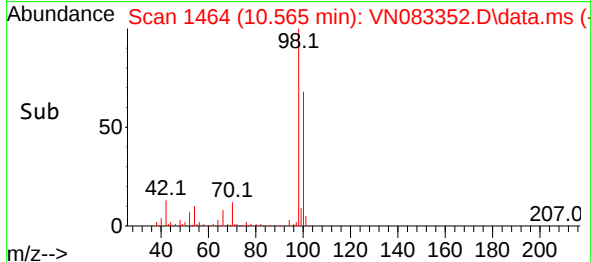
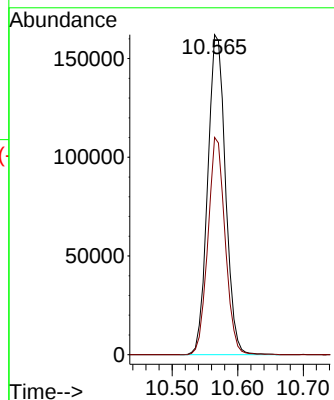
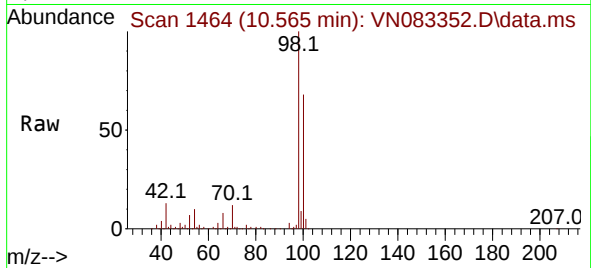




#50
Toluene-d8
Concen: 54.767 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

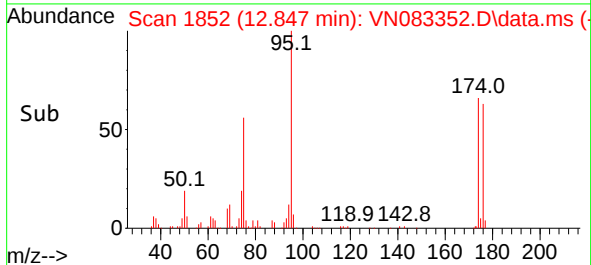
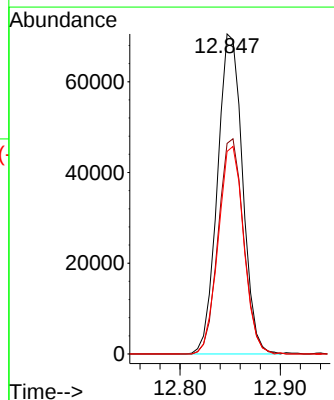
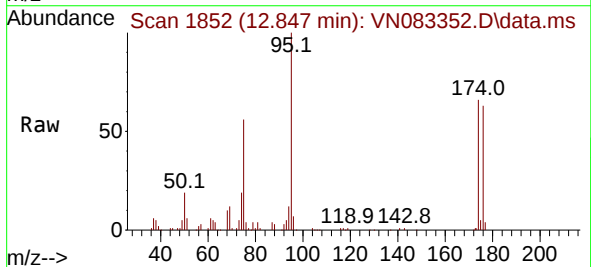
Instrument : MSVOA_N
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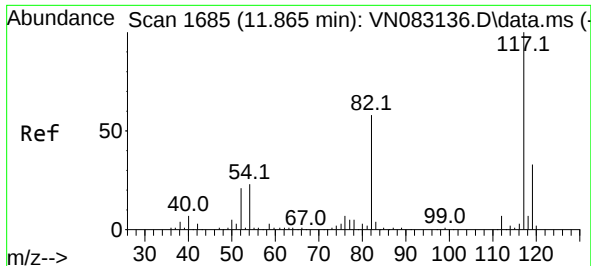
Tgt Ion: 98 Resp: 305304
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion: 95 Resp: 122269
Ion Ratio Lower Upper
95 100
174 68.0 0.0 159.2
176 65.7 0.0 147.6

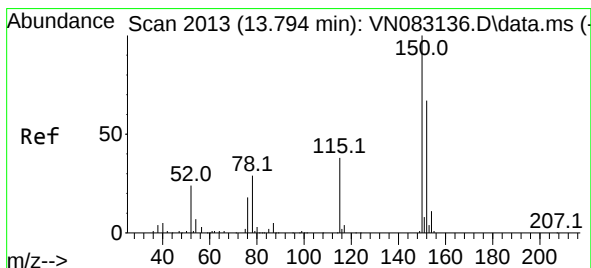
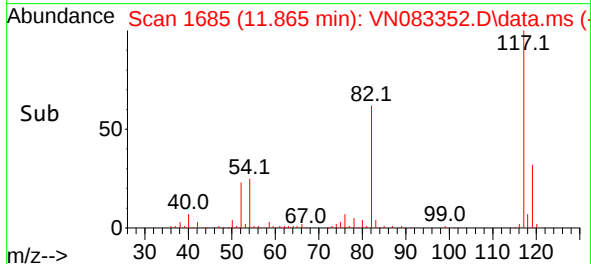
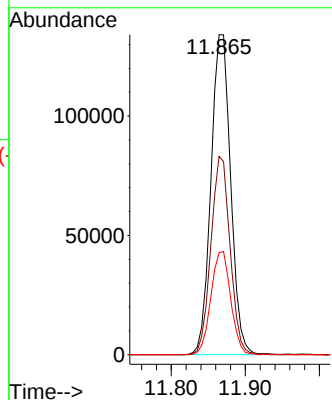
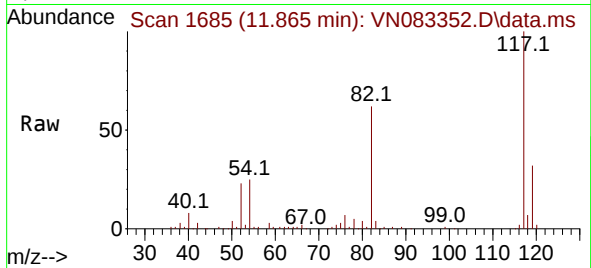




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

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

Tgt Ion:117 Resp: 247686
Ion Ratio Lower Upper
117 100
82 61.9 47.5 71.3
119 31.9 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: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion:152 Resp: 105982
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 154.5 0.0 348.6

