

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082411.D
 Acq On : 31 May 2024 16:22
 Operator : JC\MD
 Sample : P2669-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 31 22:59:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	159686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	276406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138407	54.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.780%	
35) Dibromofluoromethane	8.171	113	98617	54.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.840%	
50) Toluene-d8	10.570	98	372926	53.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.853	95	124788	50.320	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.640%	

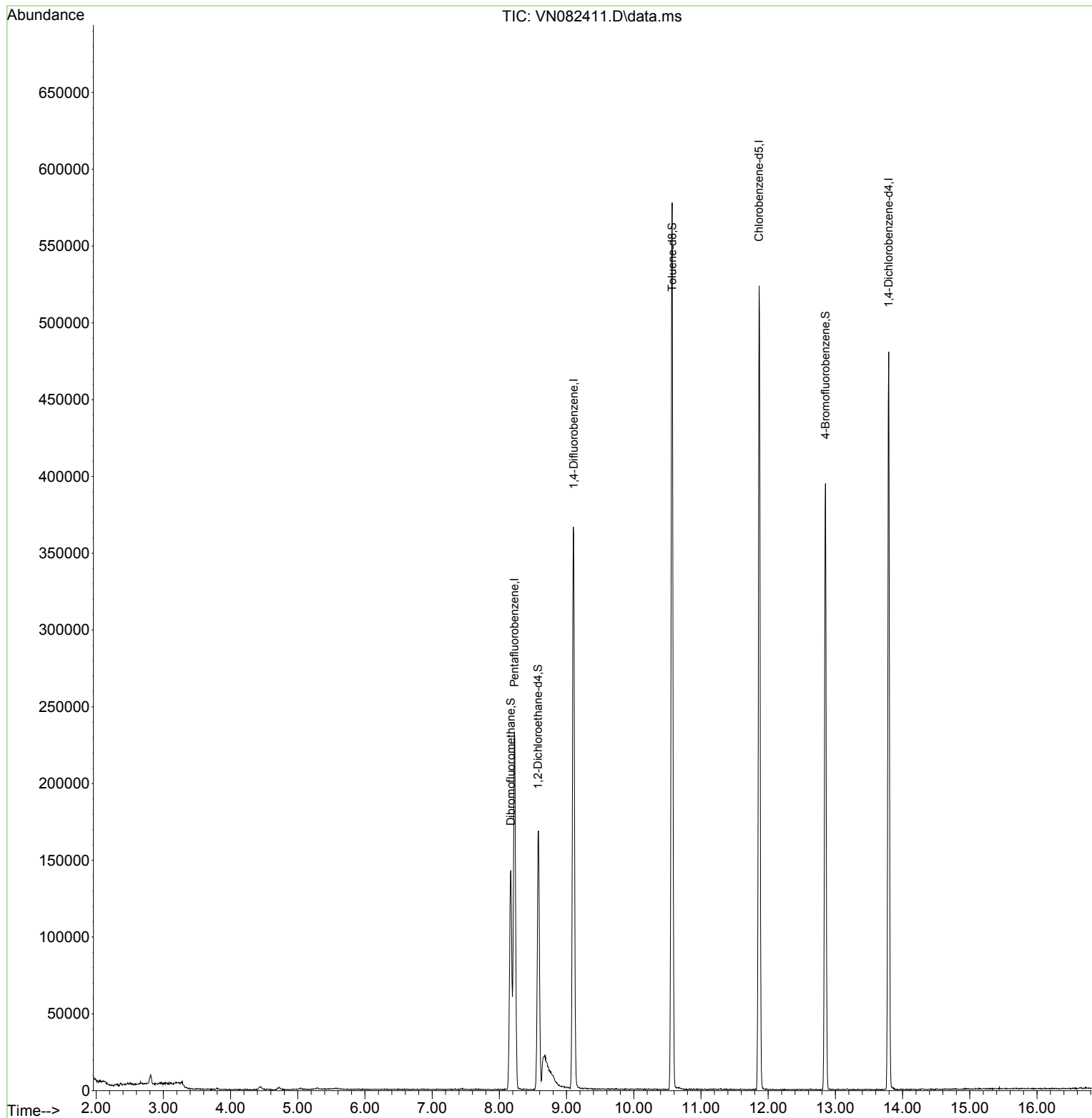
Target Compounds	Qvalue

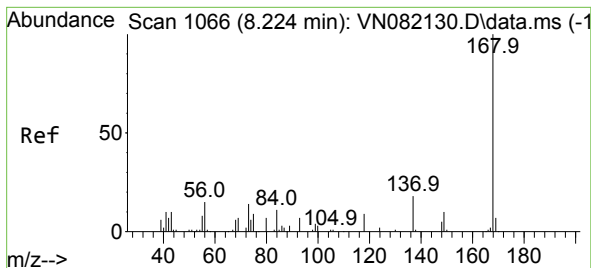
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.001 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

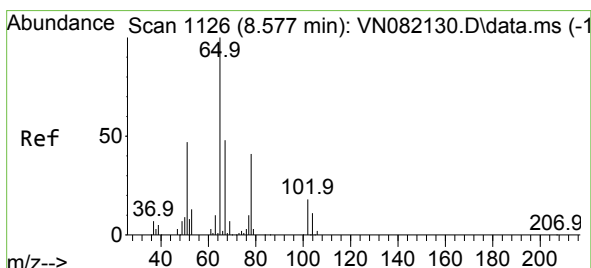
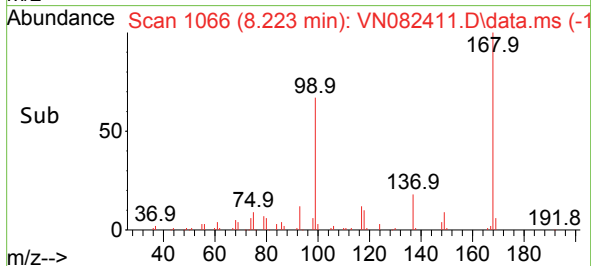
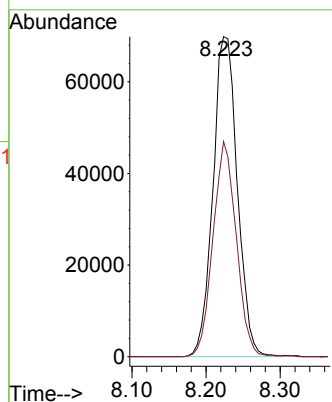
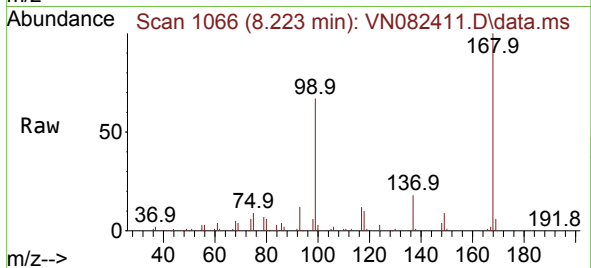
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 159686

Ion Ratio Lower Upper

168 100

99 67.3 48.2 72.4



#33

1,2-Dichloroethane-d4

Concen: 54.891 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082411.D

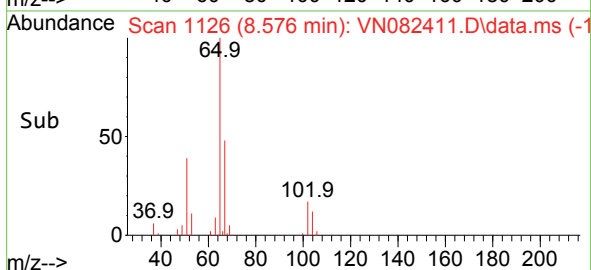
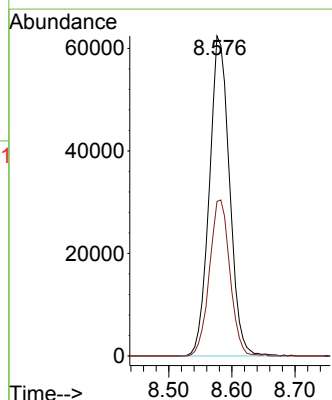
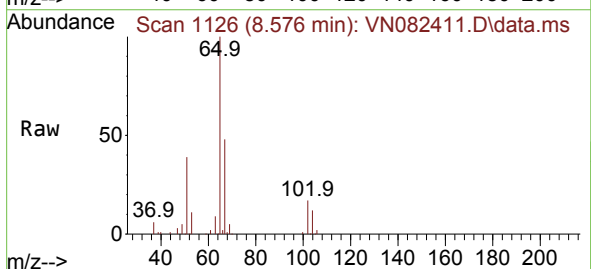
Acq: 31 May 2024 16:22

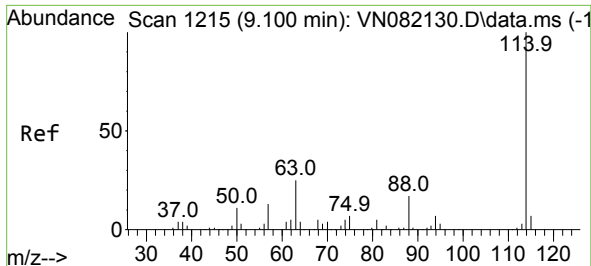
Tgt Ion: 65 Resp: 138407

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

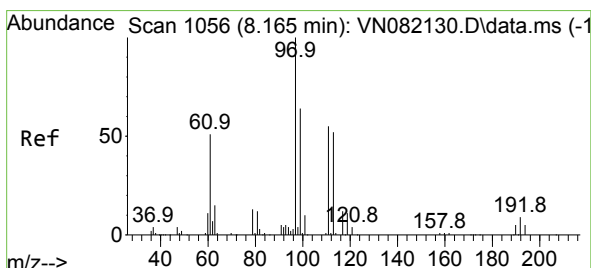
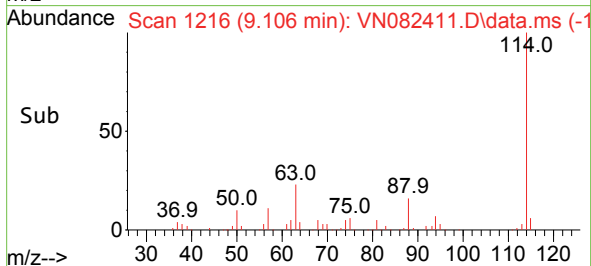
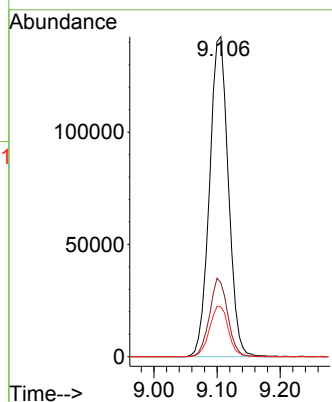
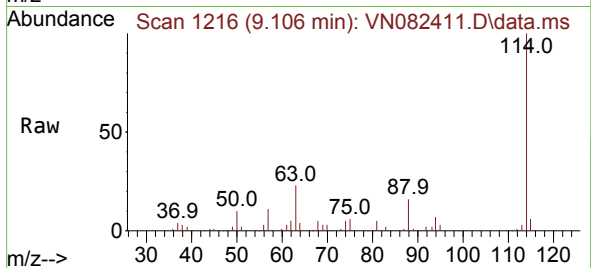
Tgt Ion:114 Resp: 294596

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.418 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

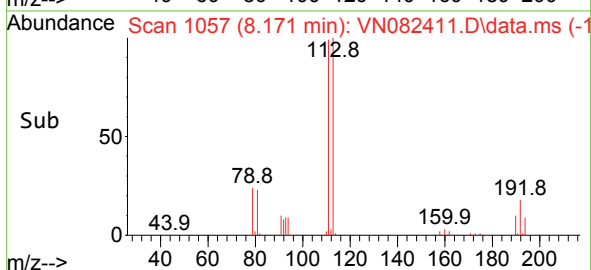
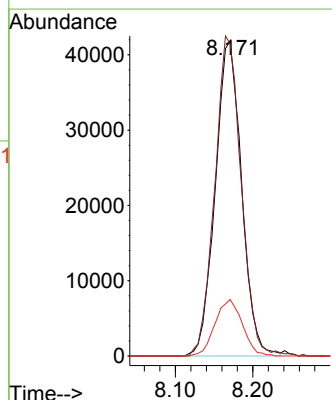
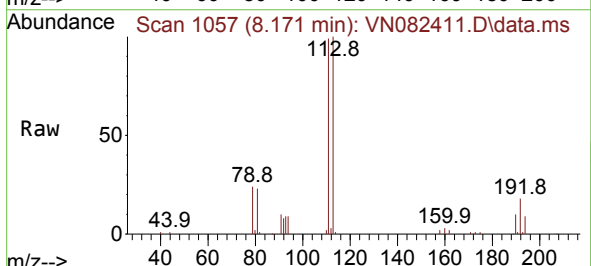
Tgt Ion:113 Resp: 98617

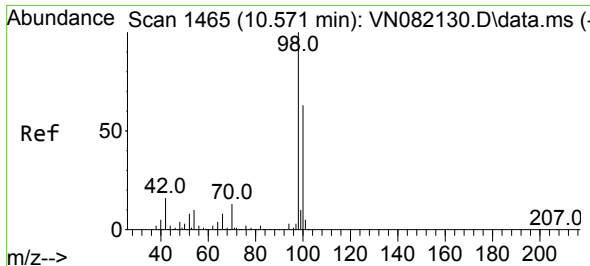
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 18.6 14.0 21.0

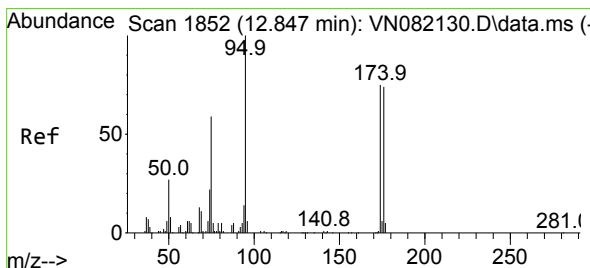
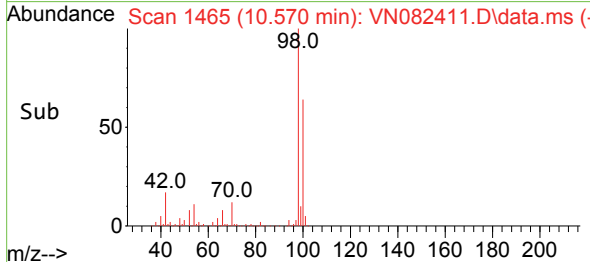
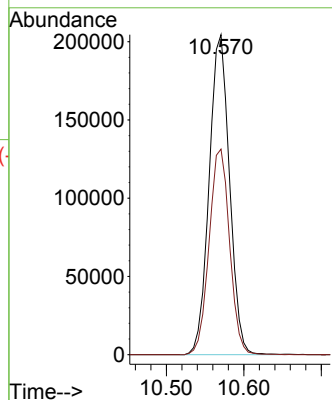
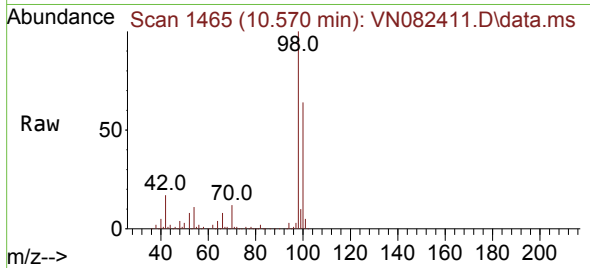




#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

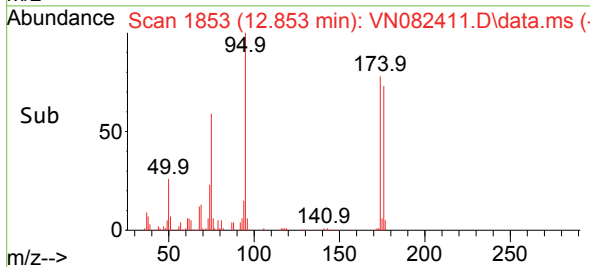
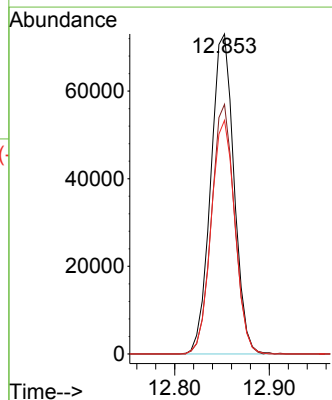
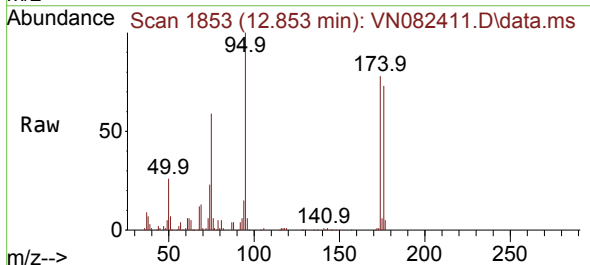
Instrument :
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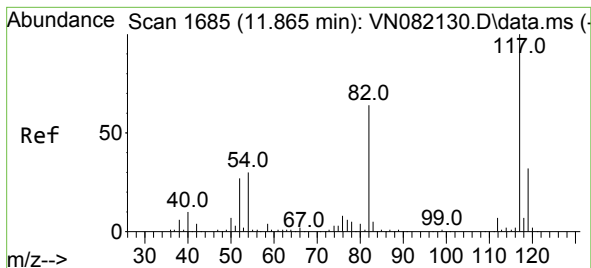
Tgt Ion: 98 Resp: 372926
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.320 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082411.D
Acq: 31 May 2024 16:22

Tgt Ion: 95 Resp: 124788
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 74.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

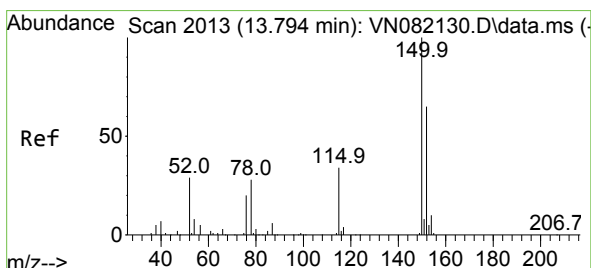
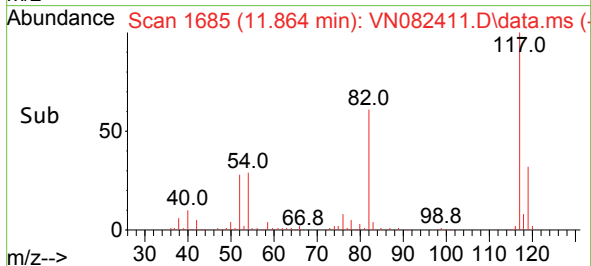
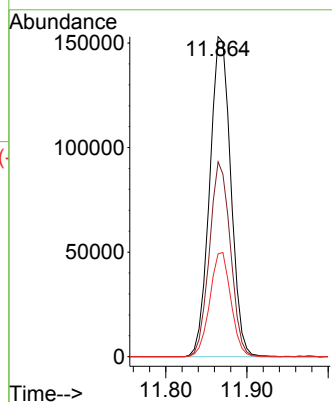
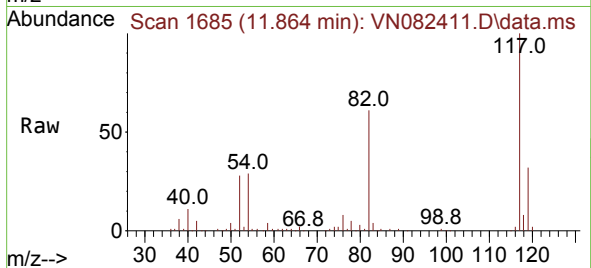
Tgt Ion:117 Resp: 276406

Ion Ratio Lower Upper

117 100

82 60.9 44.6 66.8

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082411.D

Acq: 31 May 2024 16:22

Tgt Ion:152 Resp: 115620

Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.3

150 157.0 0.0 353.2

