

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082412.D
 Acq On : 31 May 2024 16:46
 Operator : JC\MD
 Sample : P2669-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 31 23:00:15 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	8.230	168	155004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133089	54.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.760%
35) Dibromofluoromethane	8.171	113	94500	54.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.920%
50) Toluene-d8	10.571	98	360459	54.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.853	95	123137	51.858	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.720%

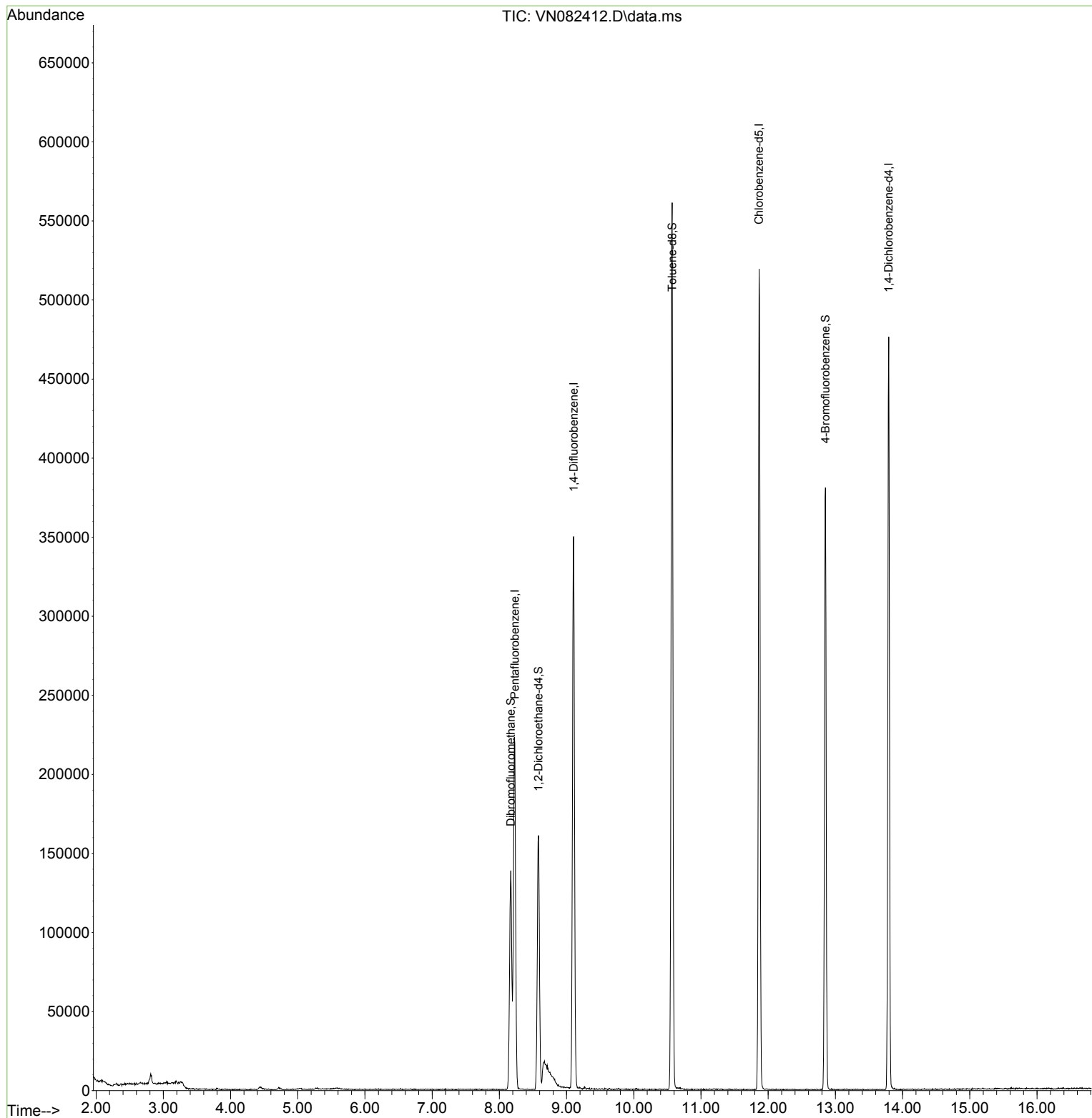
Target Compounds	Qvalue

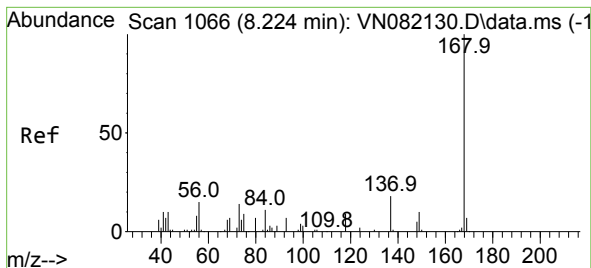
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082412.D

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MSVOA_N

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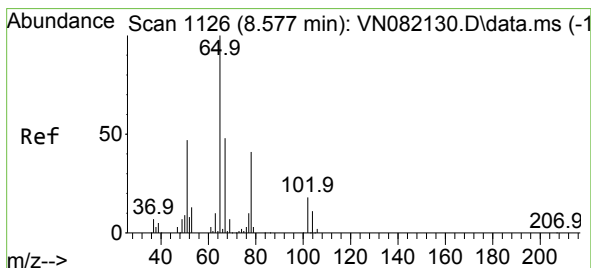
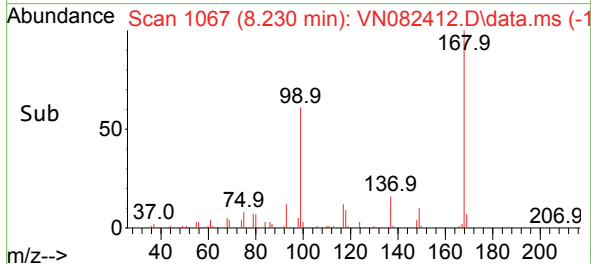
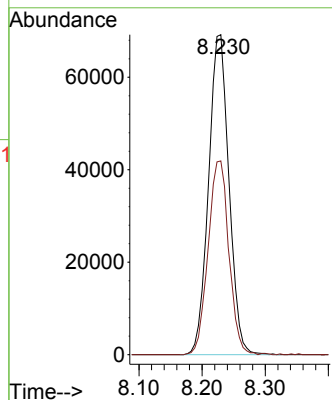
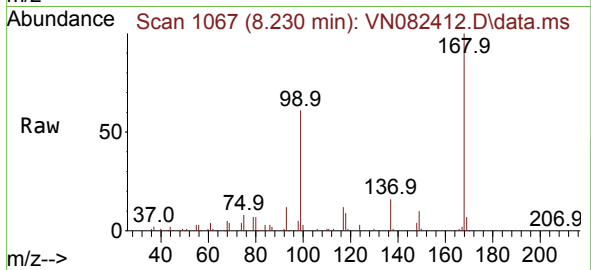
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 155004

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



#33

1,2-Dichloroethane-d4

Concen: 54.376 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082412.D

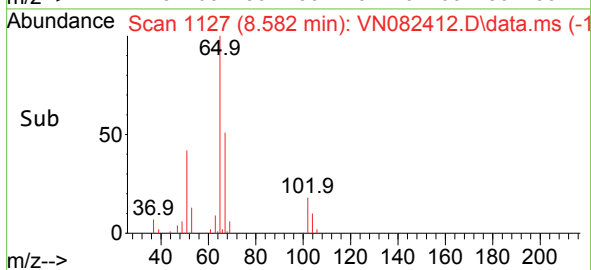
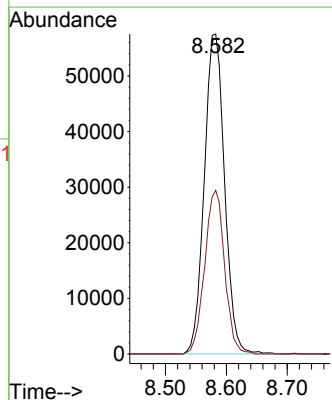
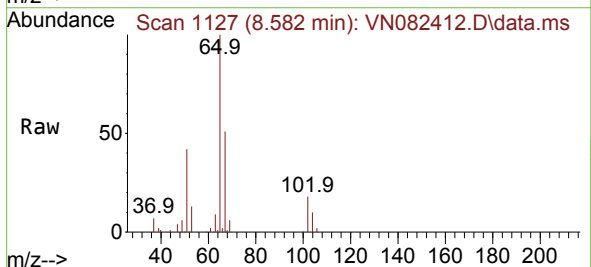
Acq: 31 May 2024 16:46

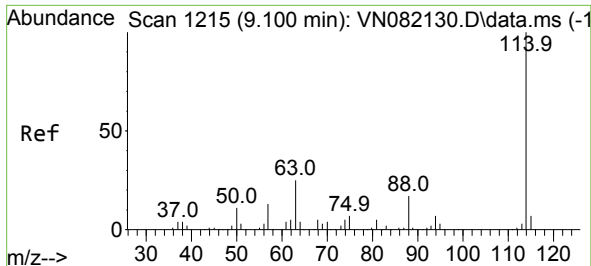
Tgt Ion: 65 Resp: 133089

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0

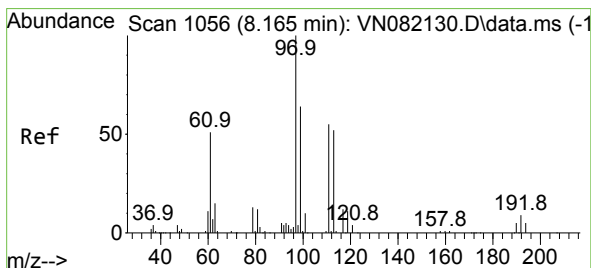
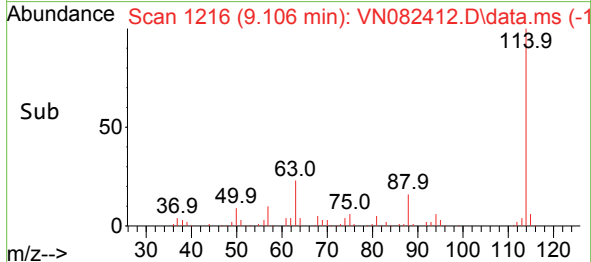
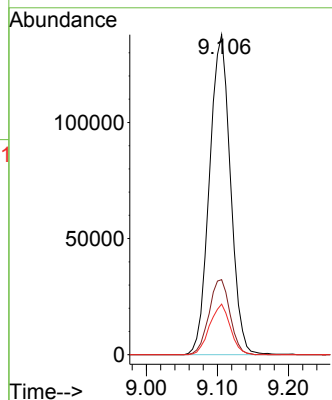
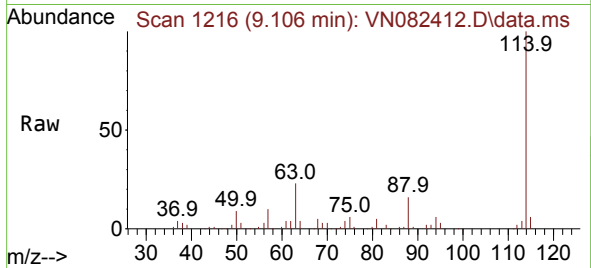




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

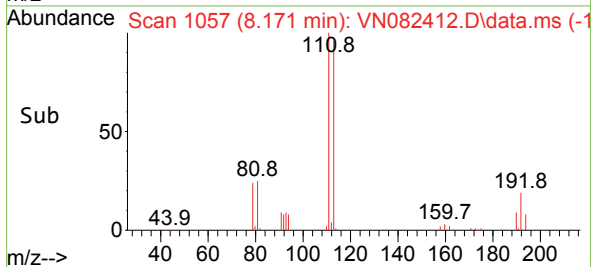
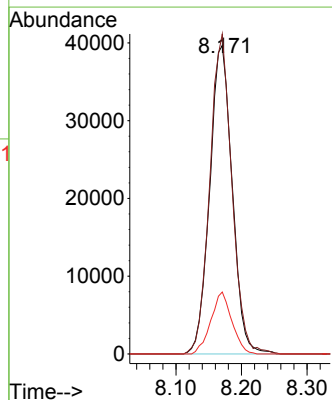
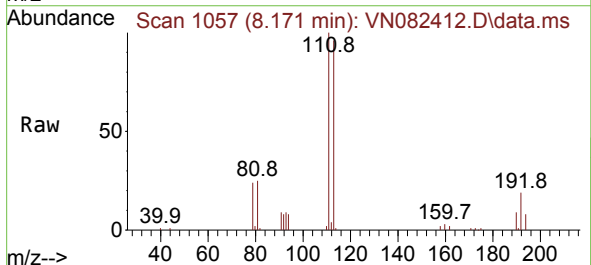
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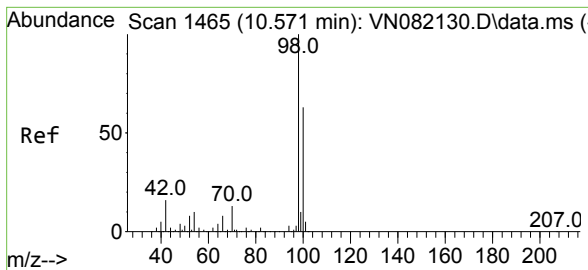
Tgt Ion:114 Resp: 282077
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.0
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.460 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion:113 Resp: 94500
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 18.8 14.0 21.0

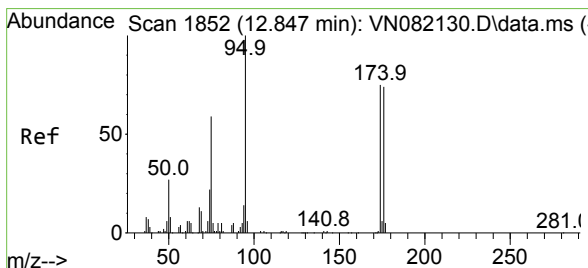
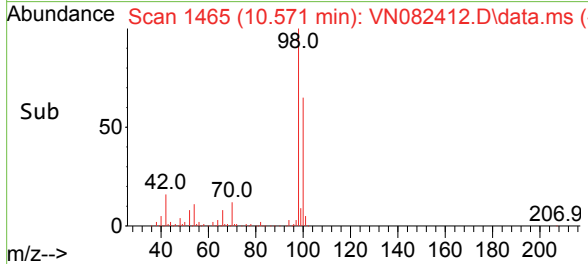
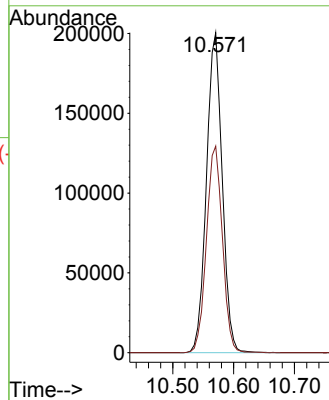
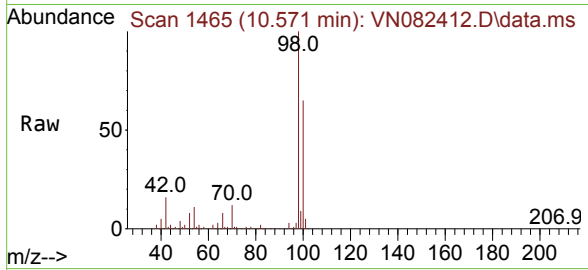




#50
Toluene-d8
Concen: 54.183 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

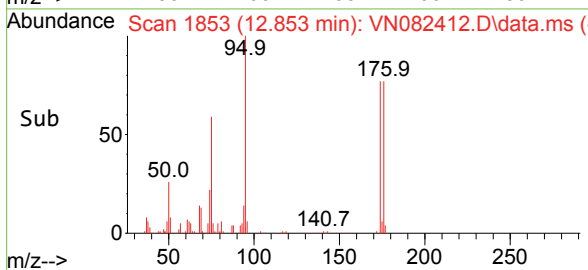
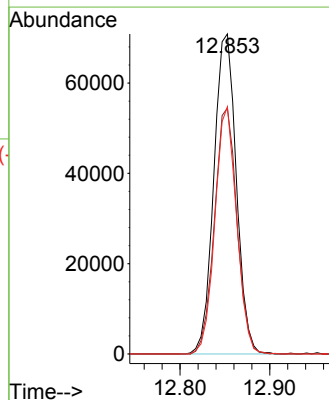
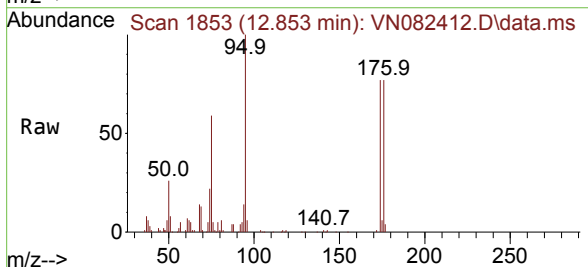
Instrument : MSVOA_N
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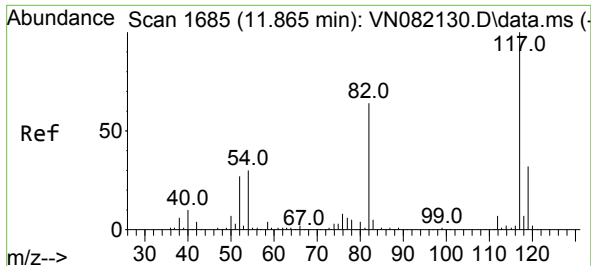
Tgt Ion: 98 Resp: 360459
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.858 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 95 Resp: 123137
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 74.1 0.0 152.8

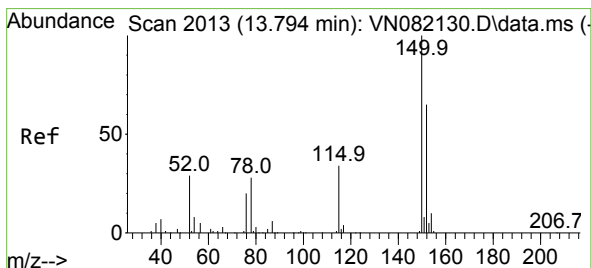
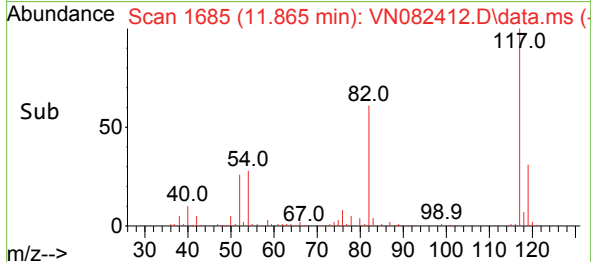
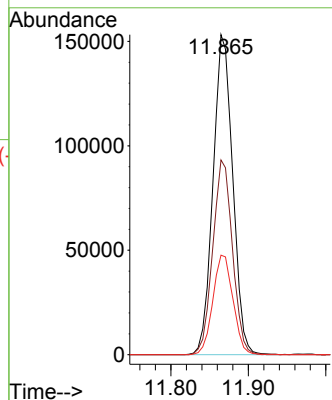
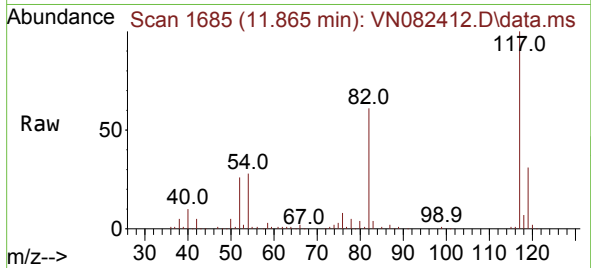




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

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

Tgt Ion:117 Resp: 270348
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 31.1 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: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion:152 Resp: 117684
Ion Ratio Lower Upper
152 100
115 59.7 30.4 91.3
150 157.5 0.0 353.2

