

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083057.D
 Acq On : 26 Jul 2024 17:24
 Operator : JC\MD
 Sample : P3383-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 26 23:10:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122711	60.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.500%
35) Dibromofluoromethane	8.165	113	102540	54.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.940%
50) Toluene-d8	10.565	98	343144	49.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.853	95	112623	45.507	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.020%

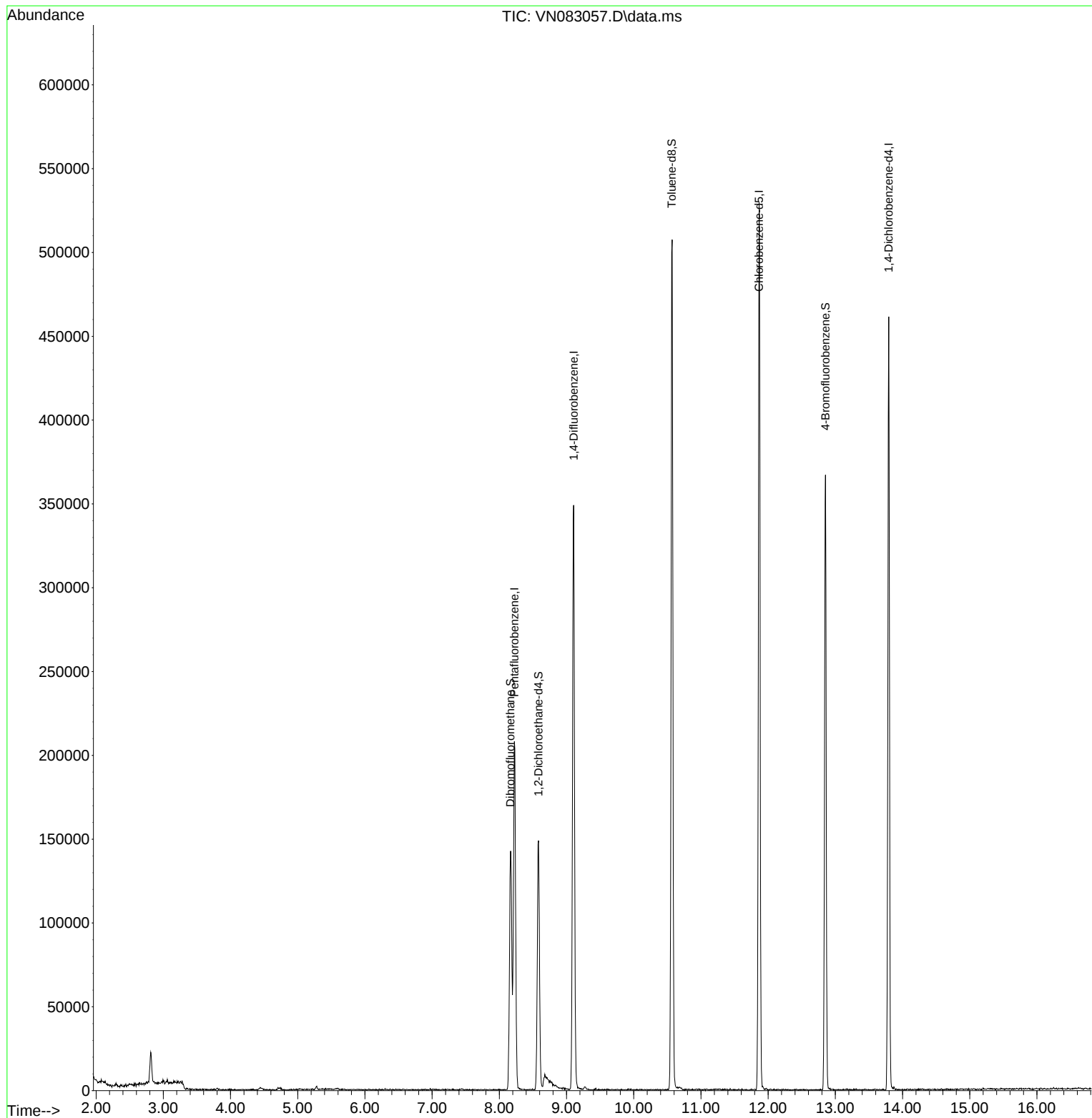
Target Compounds	Qvalue

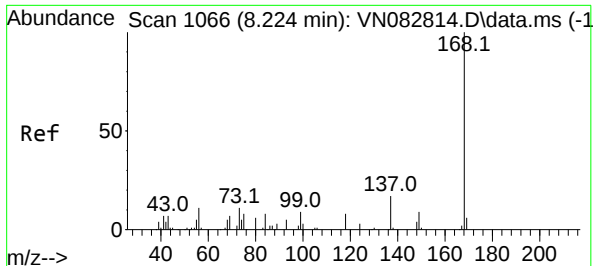
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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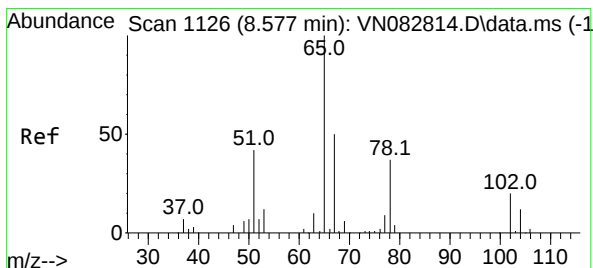
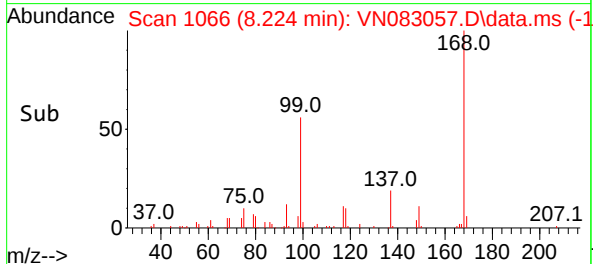
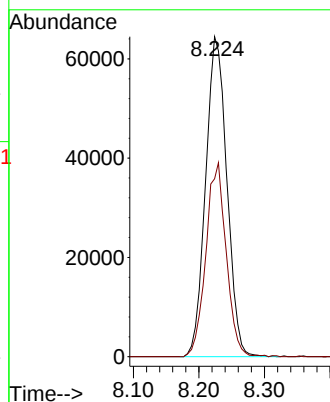
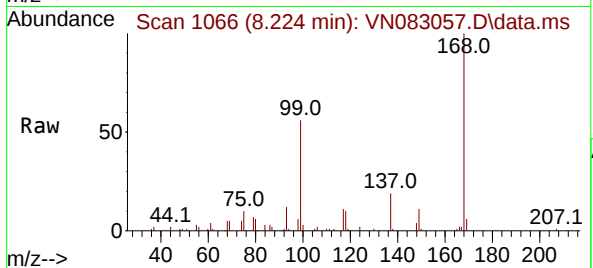




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083057.D
Acq: 26 Jul 2024 17:24

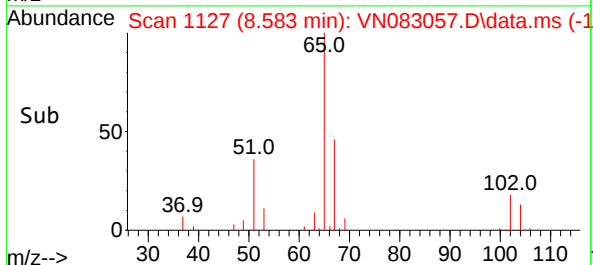
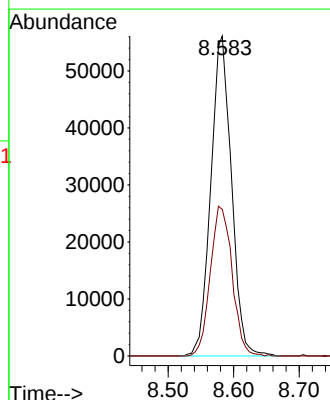
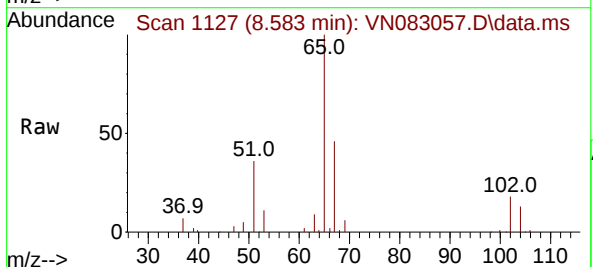
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

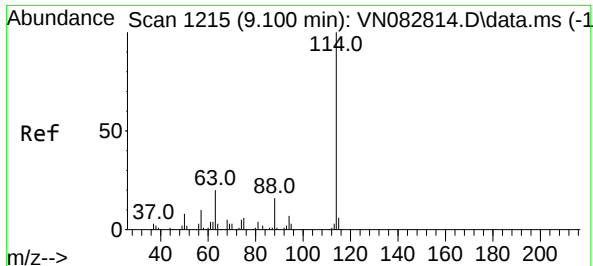
Tgt Ion:168 Resp: 145293
Ion Ratio Lower Upper
168 100
99 55.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 60.250 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083057.D
Acq: 26 Jul 2024 17:24

Tgt Ion: 65 Resp: 122711
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4

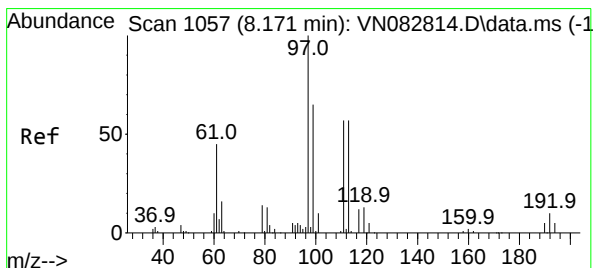
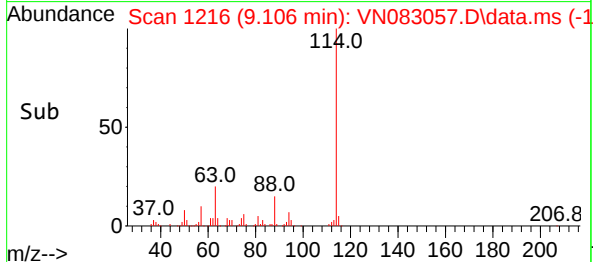
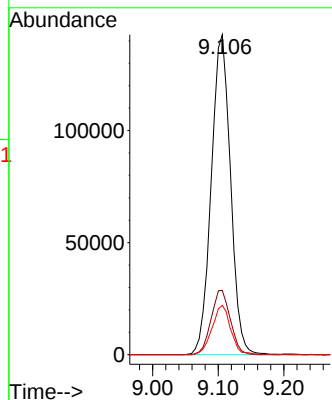
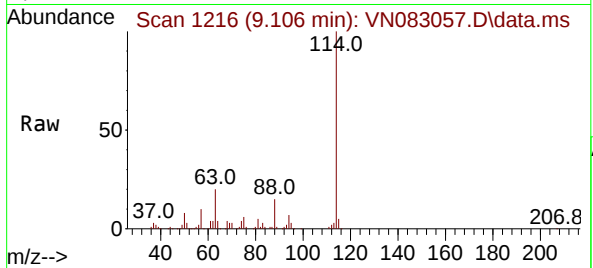




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083057.D
Acq: 26 Jul 2024 17:24

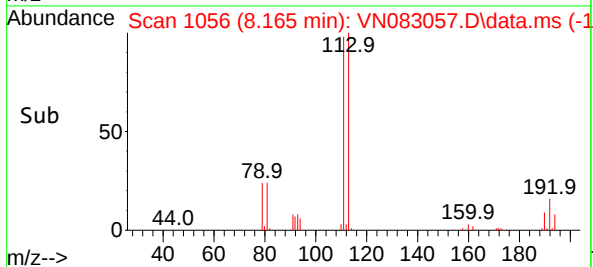
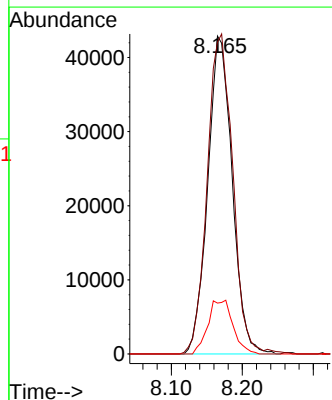
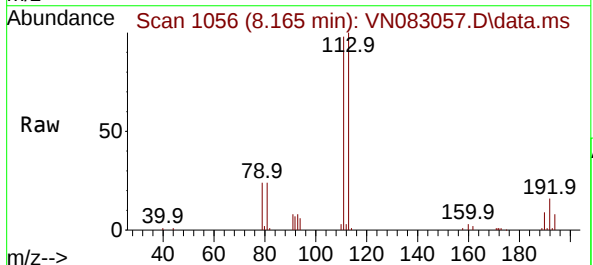
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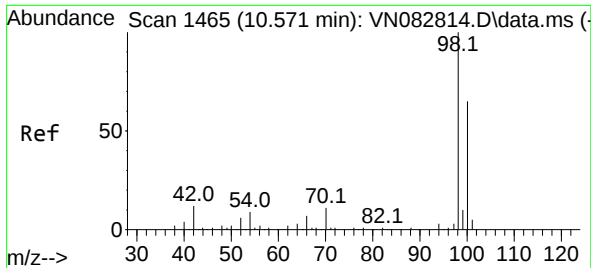
Tgt Ion:114 Resp: 290706
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.970 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083057.D
Acq: 26 Jul 2024 17:24

Tgt Ion:113 Resp: 102540
Ion Ratio Lower Upper
113 100
111 105.0 82.4 123.6
192 17.3 14.9 22.3

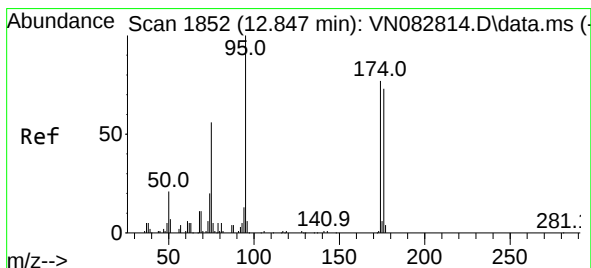
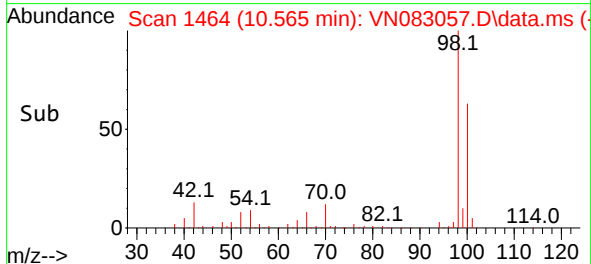
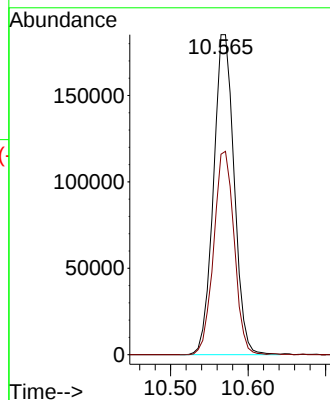
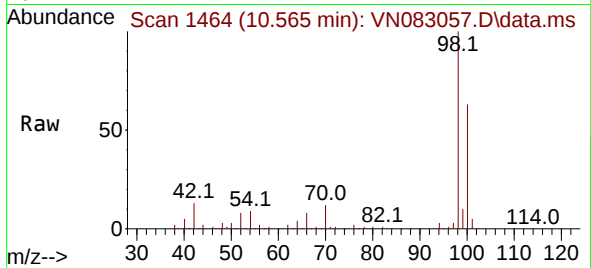




#50
Toluene-d8
Concen: 49.805 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN083057.D
Acq: 26 Jul 2024 17:24

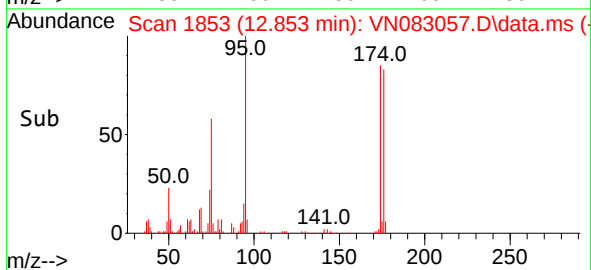
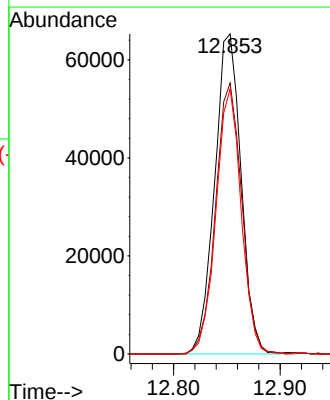
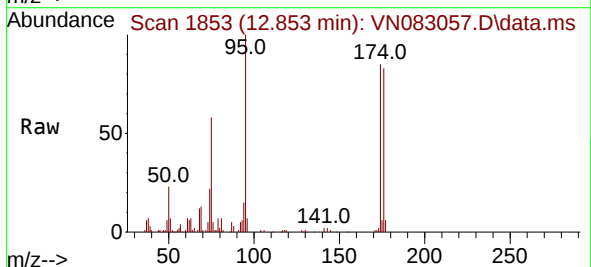
Instrument :
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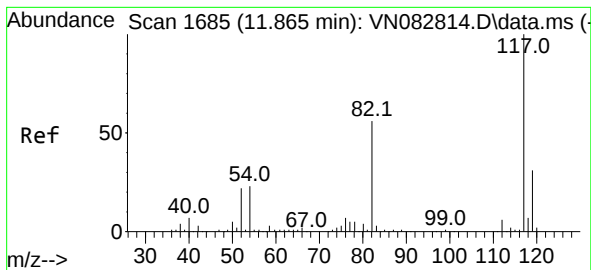
Tgt Ion: 98 Resp: 343144
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.507 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083057.D
Acq: 26 Jul 2024 17:24

Tgt Ion: 95 Resp: 112623
Ion Ratio Lower Upper
95 100
174 84.0 0.0 159.2
176 78.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN083057.D

Acq: 26 Jul 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

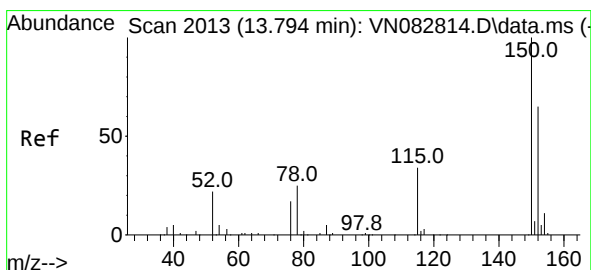
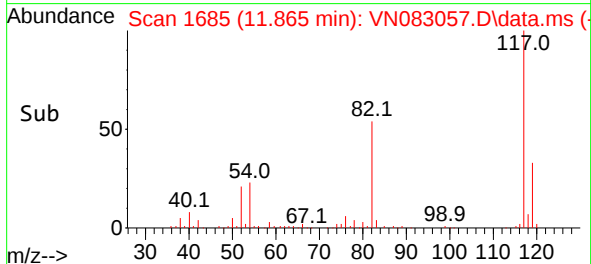
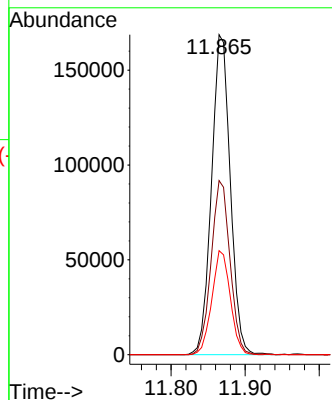
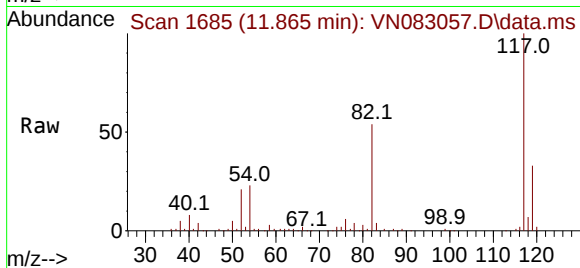
Tgt Ion:117 Resp: 296365

Ion Ratio Lower Upper

117 100

82 54.4 47.5 71.3

119 32.5 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: VN083057.D

Acq: 26 Jul 2024 17:24

Tgt Ion:152 Resp: 117986

Ion Ratio Lower Upper

152 100

115 60.4 30.6 91.6

150 156.1 0.0 348.6

