

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081632.D
 Acq On : 29 Mar 2024 21:52
 Operator : JC\MD
 Sample : P1928-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Mar 30 00:36:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	332147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	590143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	243704	57.535	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.060%
35) Dibromofluoromethane	8.165	113	206773	50.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
50) Toluene-d8	10.571	98	777716	52.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.853	95	239104	45.441	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.880%

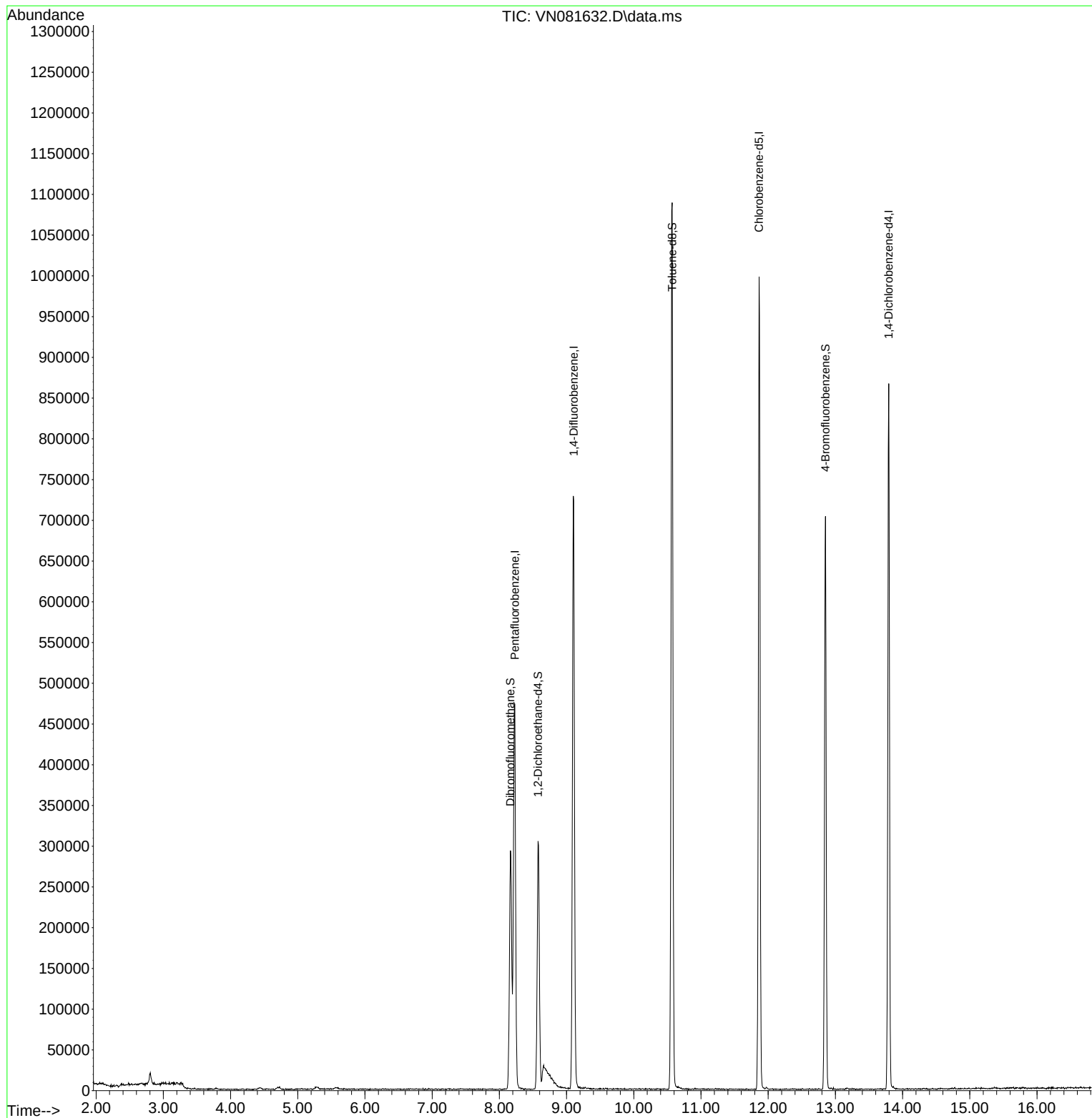
Target Compounds	Qvalue

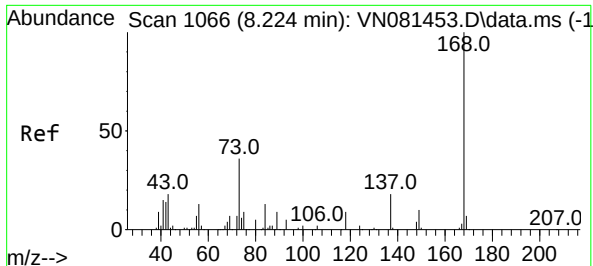
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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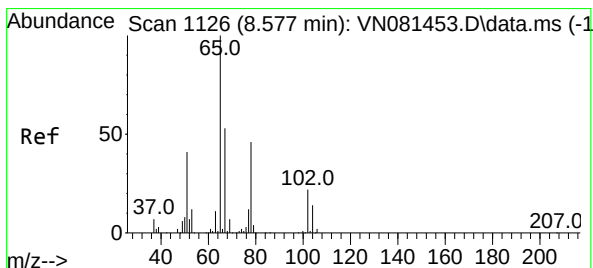
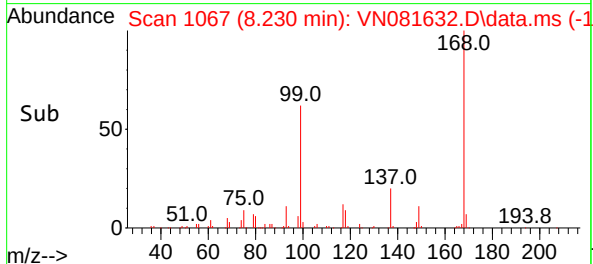
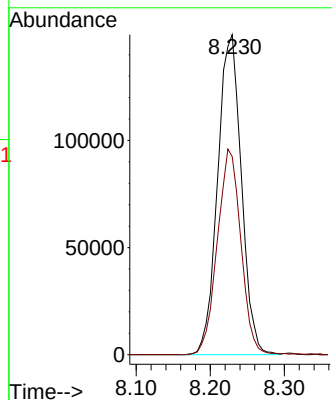
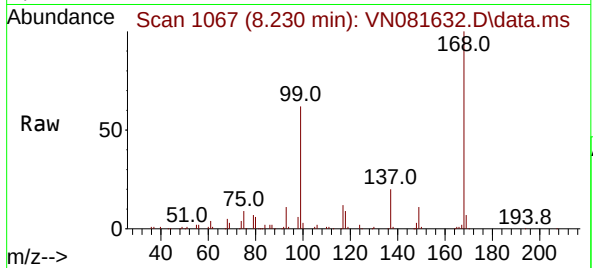




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081632.D
Acq: 29 Mar 2024 21:52

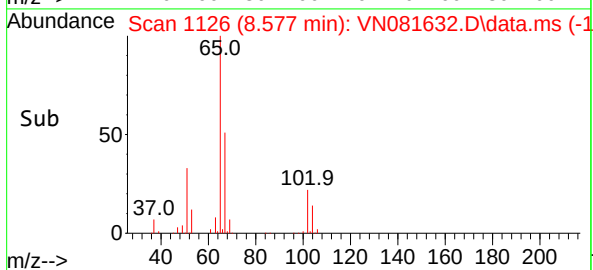
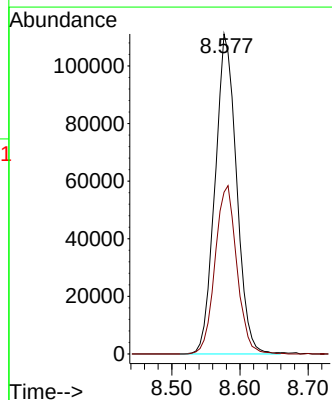
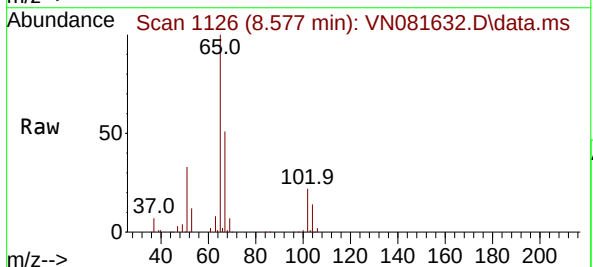
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

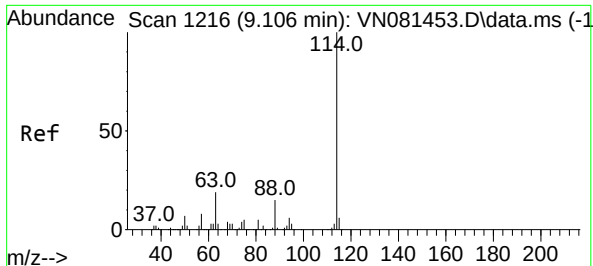
Tgt Ion:168 Resp: 332147
Ion Ratio Lower Upper
168 100
99 61.9 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 57.535 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081632.D
Acq: 29 Mar 2024 21:52

Tgt Ion: 65 Resp: 243704
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081632.D

Acq: 29 Mar 2024 21:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

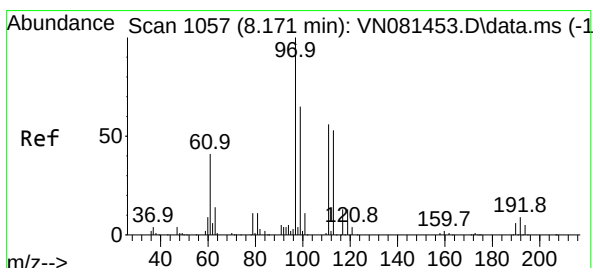
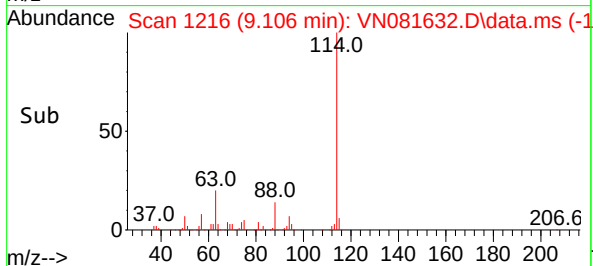
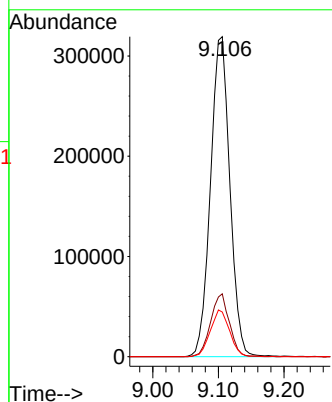
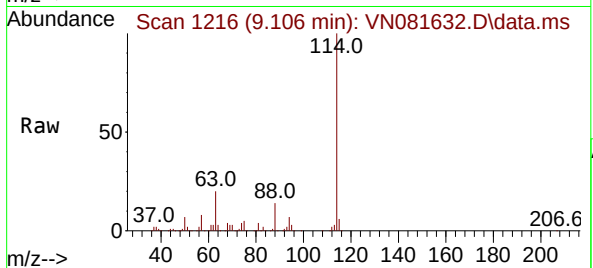
Tgt Ion:114 Resp: 654576

Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 14.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081632.D

Acq: 29 Mar 2024 21:52

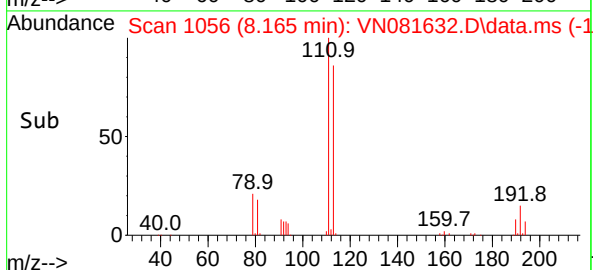
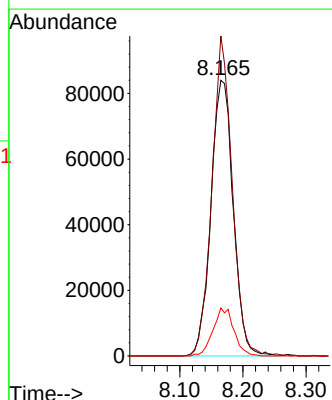
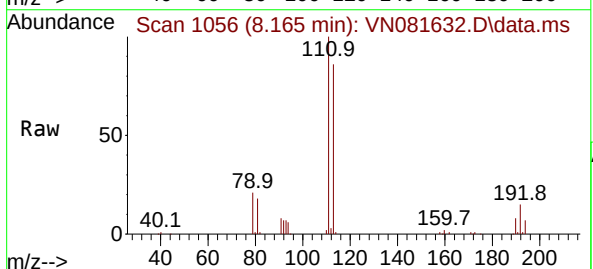
Tgt Ion:113 Resp: 206773

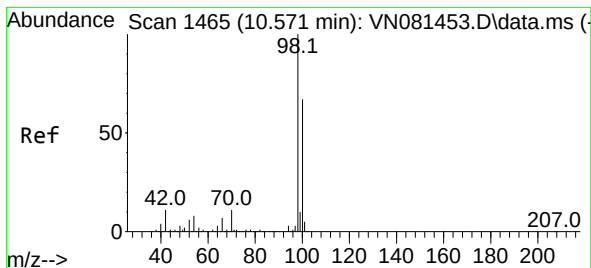
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 16.3 12.5 18.7

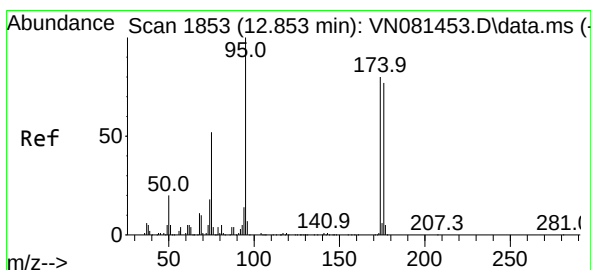
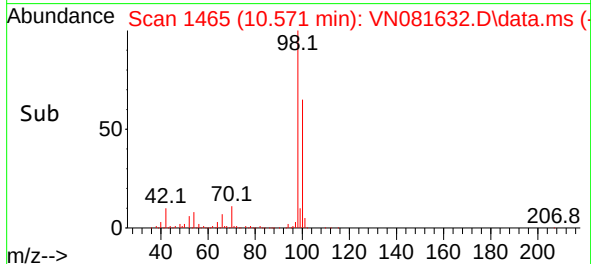
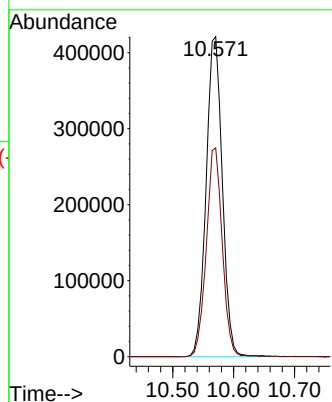
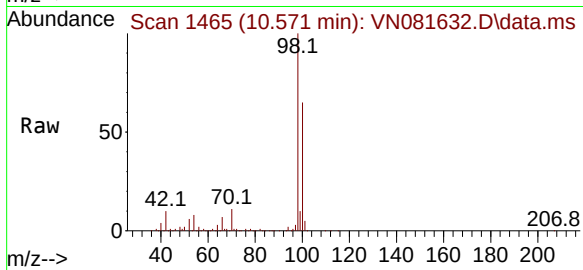




#50
Toluene-d8
Concen: 52.080 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081632.D
Acq: 29 Mar 2024 21:52

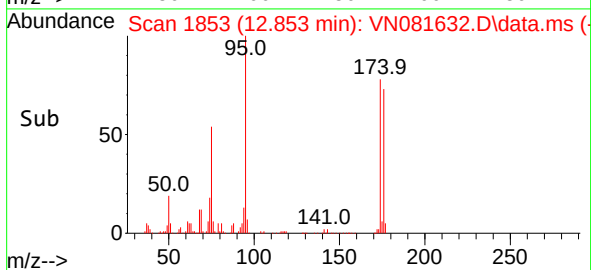
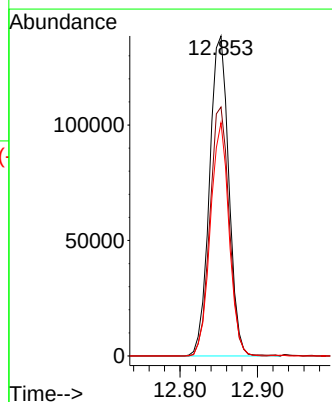
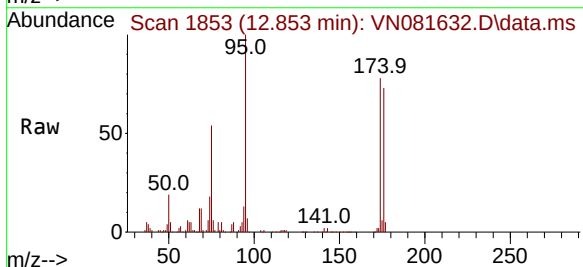
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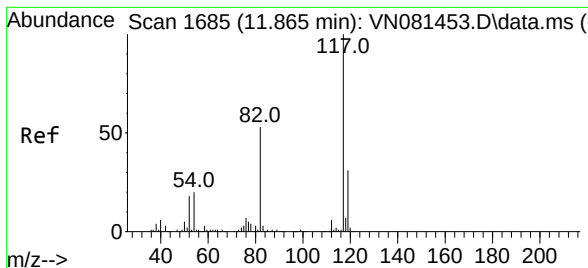
Tgt Ion: 98 Resp: 777716
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.441 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081632.D
Acq: 29 Mar 2024 21:52

Tgt Ion: 95 Resp: 239104
Ion Ratio Lower Upper
95 100
174 78.3 0.0 120.4
176 70.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081632.D

Acq: 29 Mar 2024 21:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

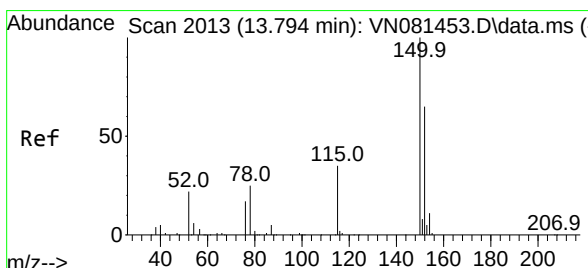
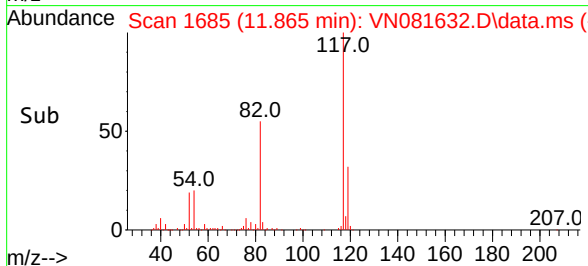
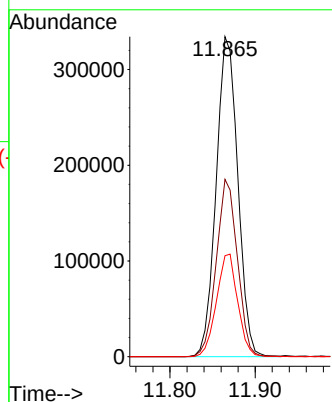
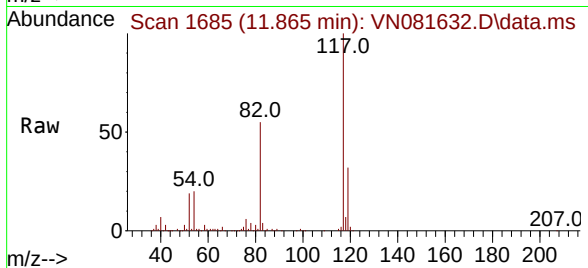
Tgt Ion:117 Resp: 590143

Ion Ratio Lower Upper

117 100

82 55.4 52.7 79.1

119 31.6 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081632.D

Acq: 29 Mar 2024 21:52

Tgt Ion:152 Resp: 228214

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 159.5 0.0 339.8

