

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074667.D
 Acq On : 30 Sep 2022 15:16
 Operator : JC\MD
 Sample : N4793-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 03 02:06:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	582867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1147304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	1184800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	530179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	758318	51.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	7.869	113	609744	50.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	10.310	98	2431565	47.603	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.200%	
62) 4-Bromofluorobenzene	12.604	95	797991	49.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.540%	

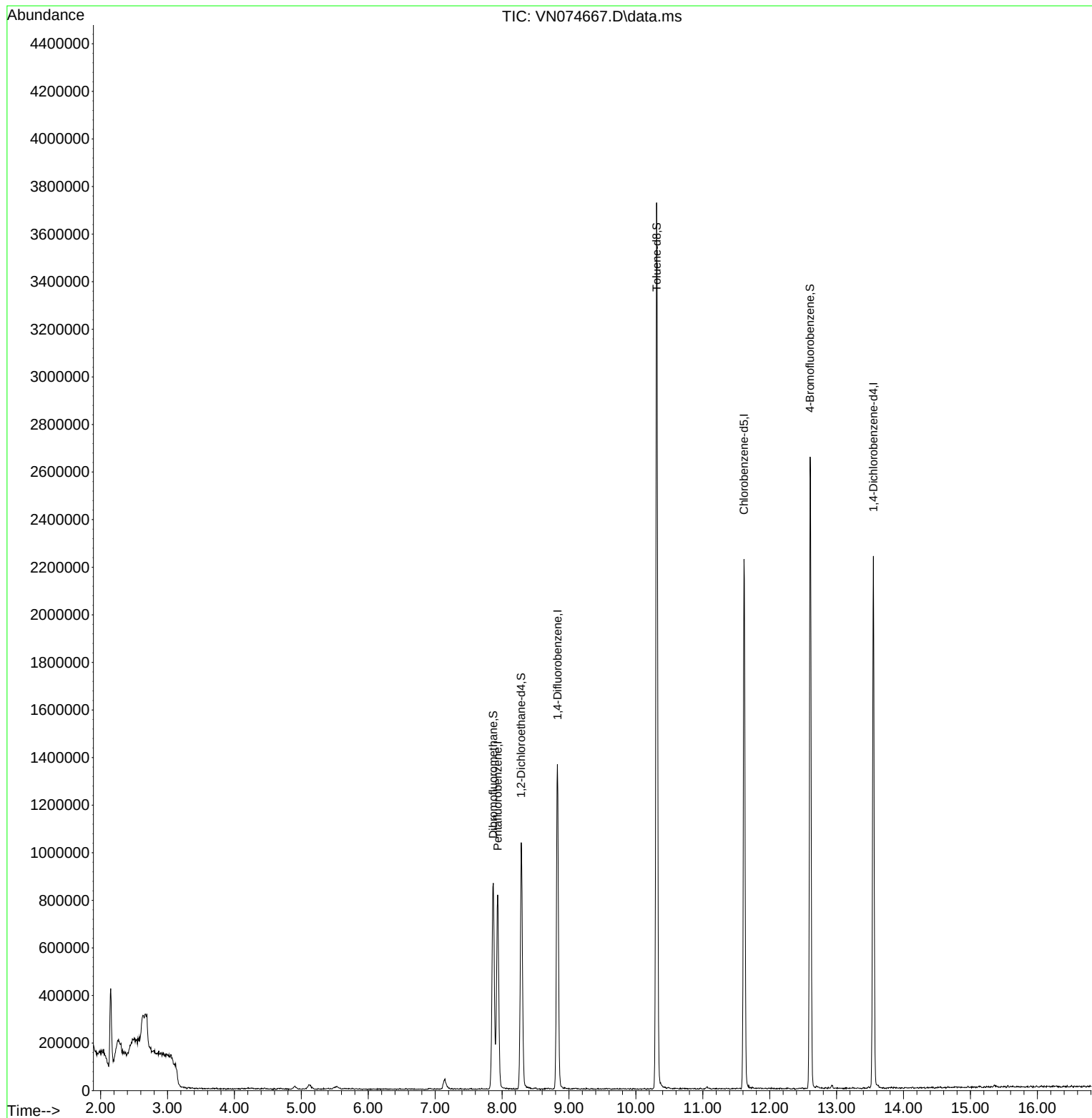
Target Compounds	Qvalue

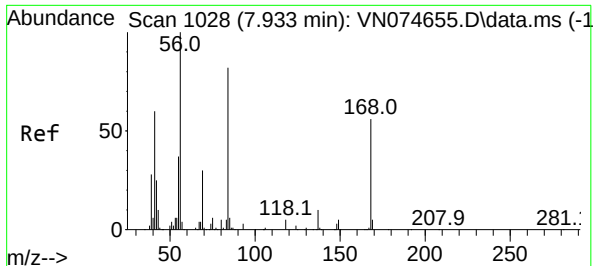
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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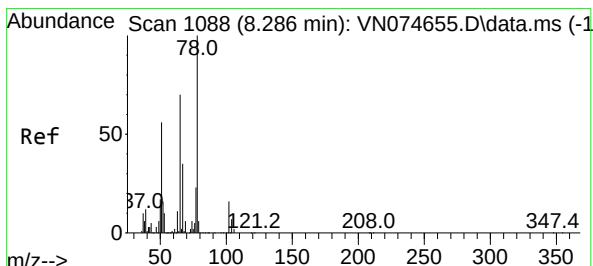
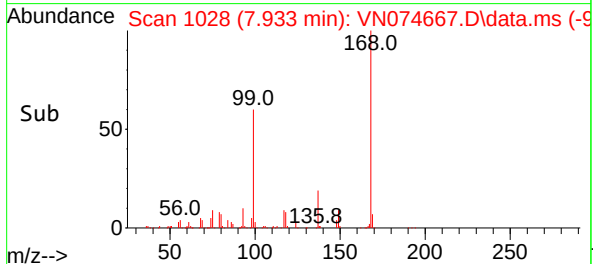
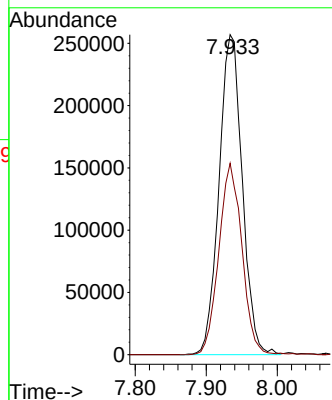
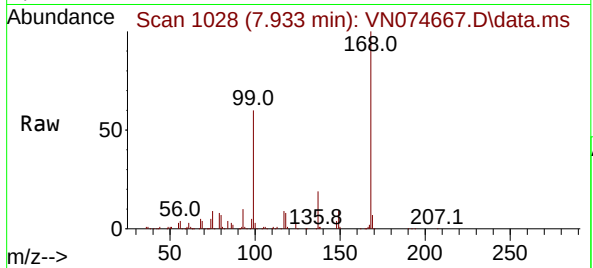




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

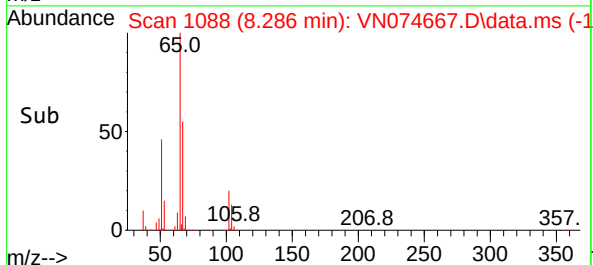
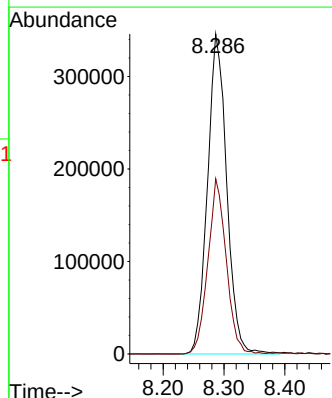
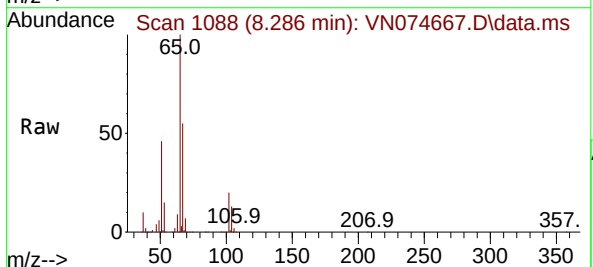
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

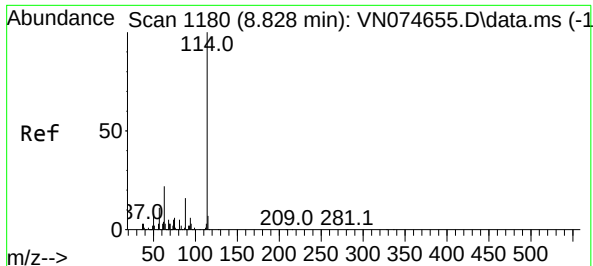
Tgt Ion:168 Resp: 582867
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.911 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 65 Resp: 758318
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

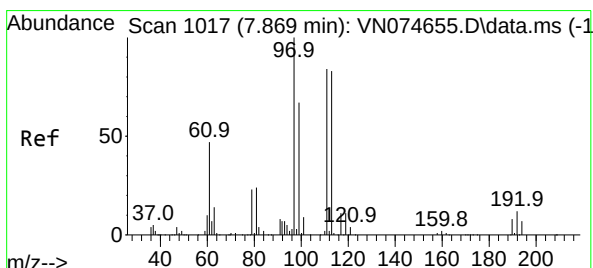
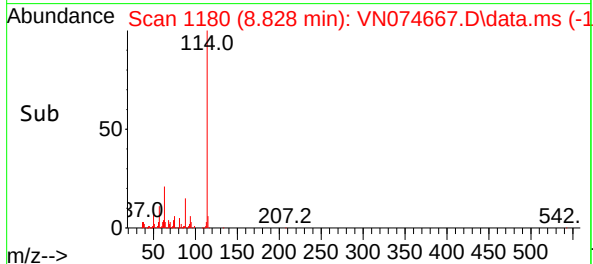
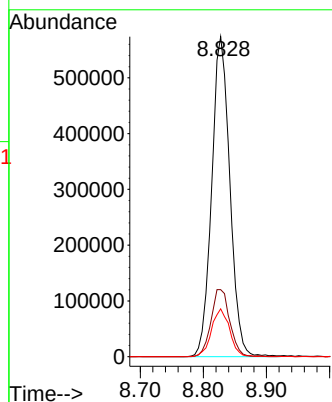
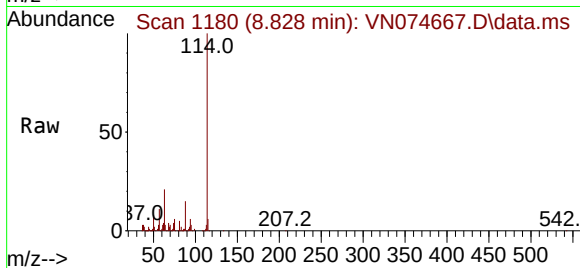
Tgt Ion:114 Resp: 1147304

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.211 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

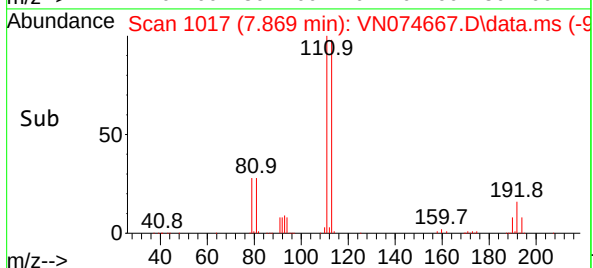
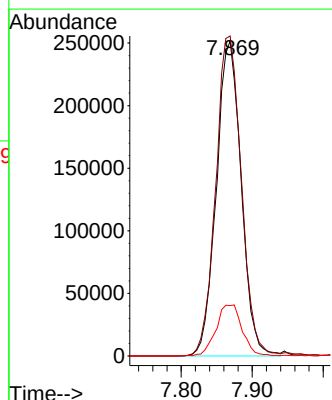
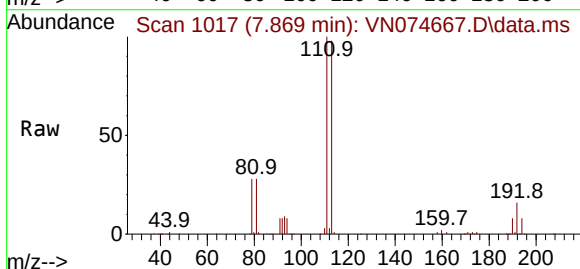
Tgt Ion:113 Resp: 609744

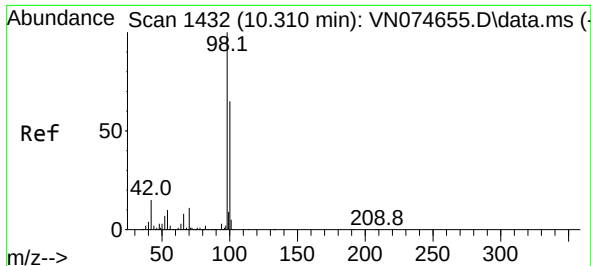
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 17.1 17.0 25.6

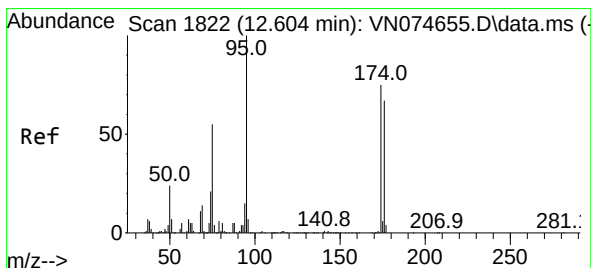
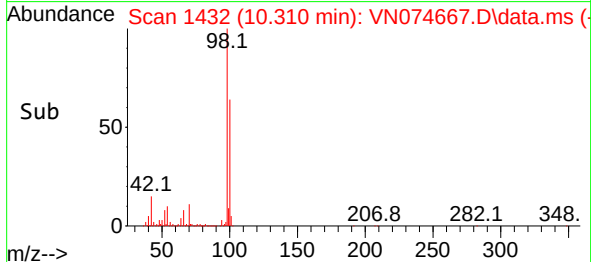
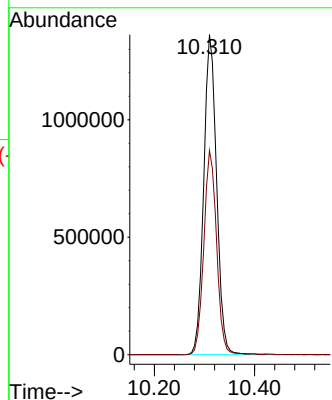
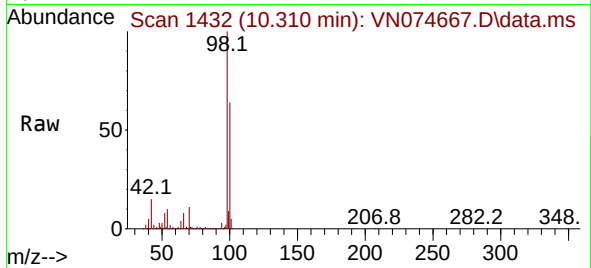




#50
Toluene-d8
Concen: 47.603 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

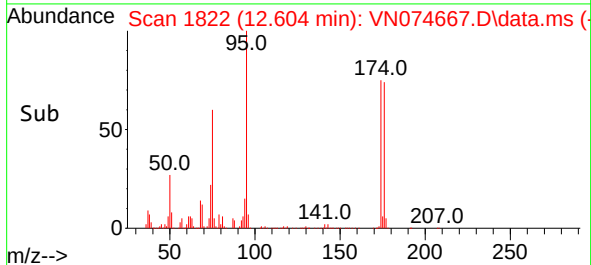
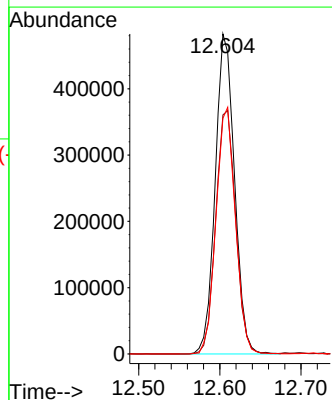
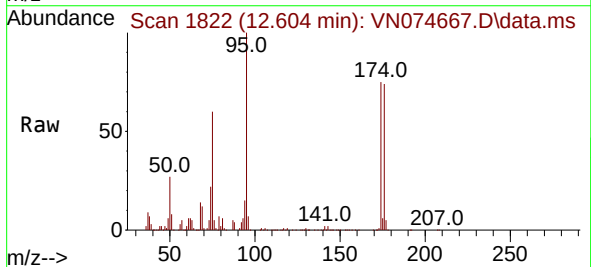
Instrument :
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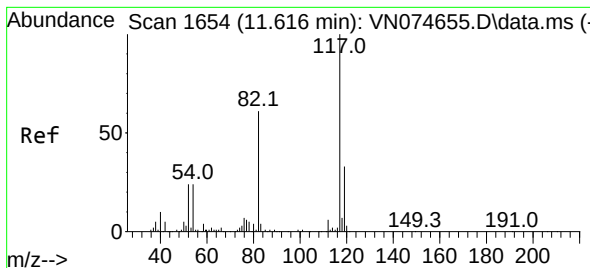
Tgt Ion: 98 Resp: 2431565
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.268 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074667.D
Acq: 30 Sep 2022 15:16

Tgt Ion: 95 Resp: 797991
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 77.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

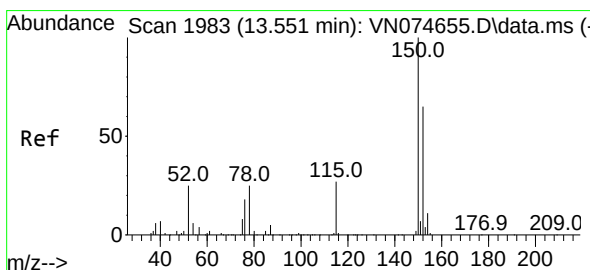
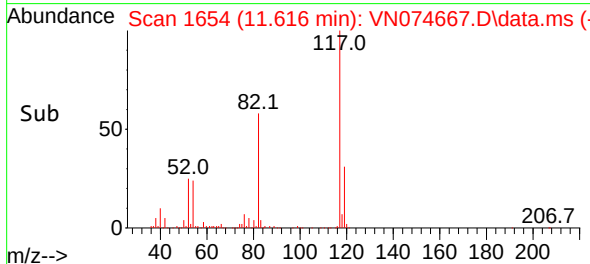
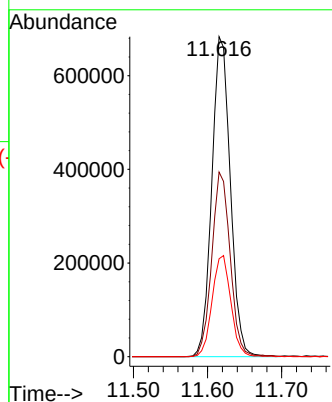
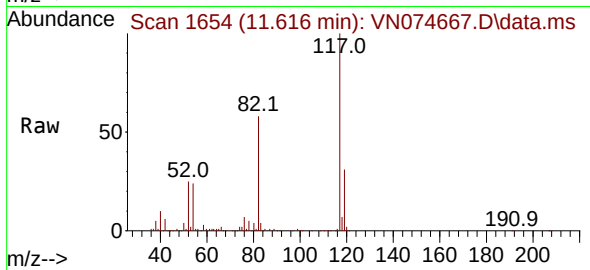
Tgt Ion:117 Resp: 1184800

Ion Ratio Lower Upper

117 100

82 57.7 44.2 66.2

119 30.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074667.D

Acq: 30 Sep 2022 15:16

Tgt Ion:152 Resp: 530179

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

150 157.8 0.0 356.2

