

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072954.D
 Acq On : 20 Jun 2022 12:15
 Operator : JC\MD
 Sample : N3357-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jun 21 05:54:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	335928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	525669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	474502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	236283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	191816	42.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.460%
35) Dibromofluoromethane	7.951	113	168395	51.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	10.374	98	538697	44.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.668	95	239332	55.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.100%

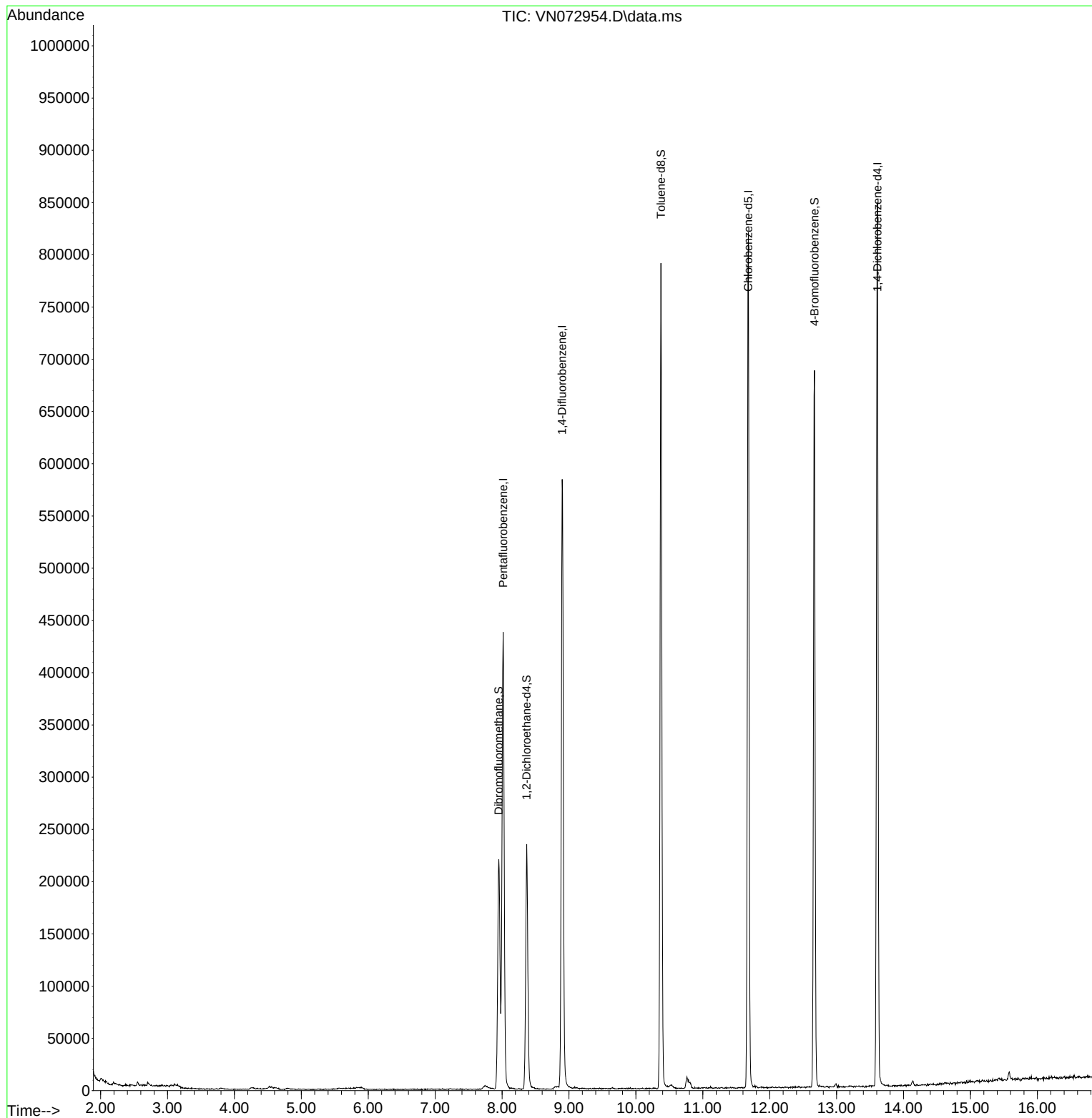
Target Compounds	Qvalue

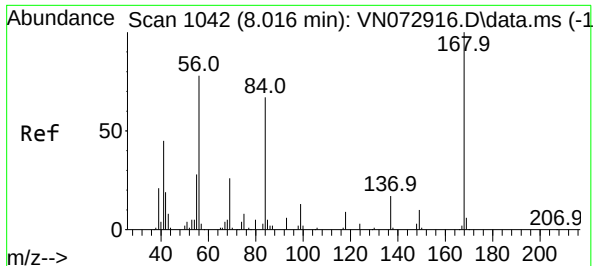
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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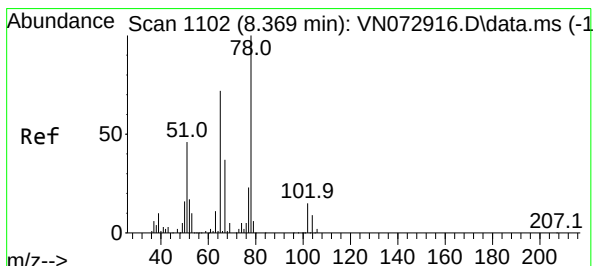
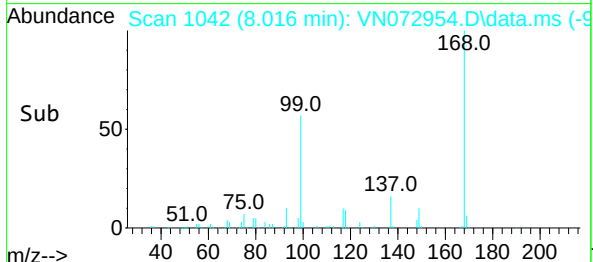
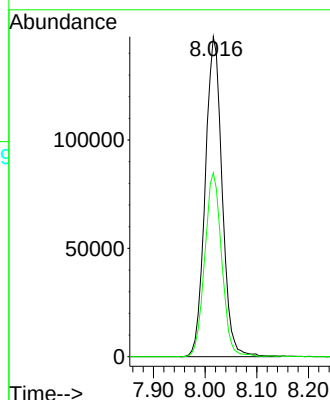
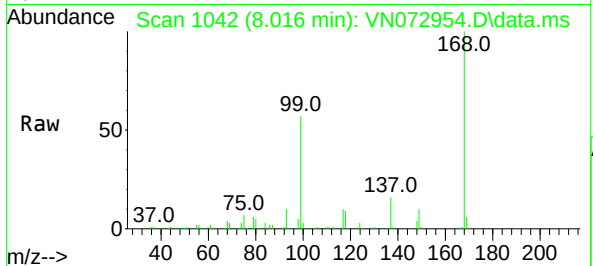




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

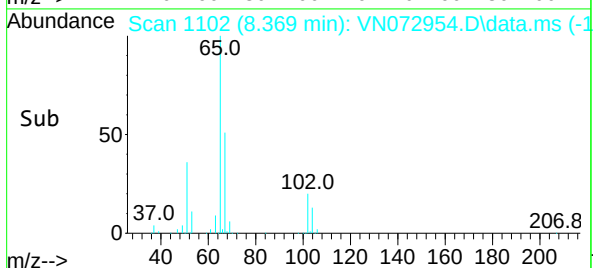
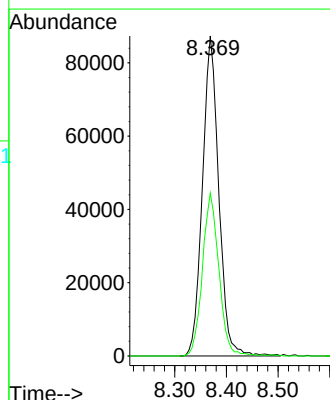
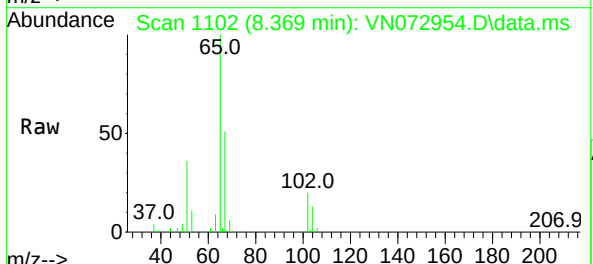
Instrument :
MSVOA_N
ClientSampleId :
MW-1

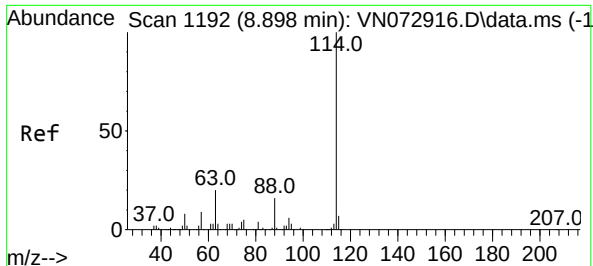
Tgt Ion:168 Resp: 335928
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.235 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion: 65 Resp: 191816
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

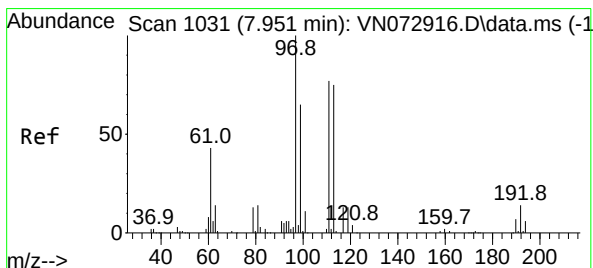
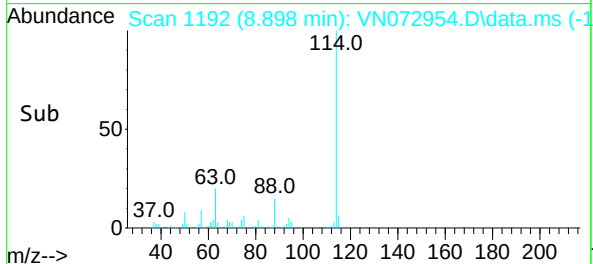
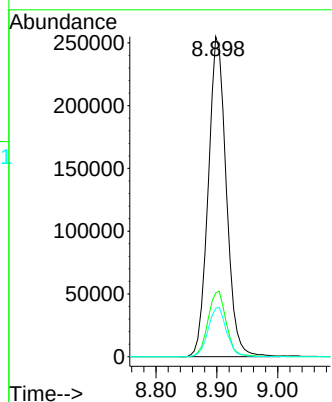
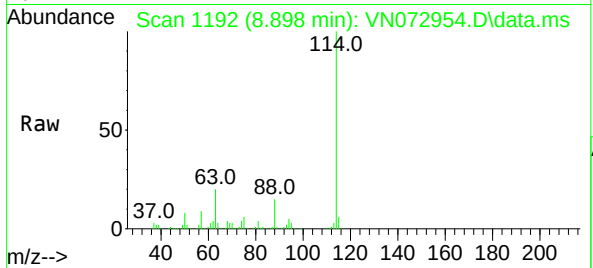




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

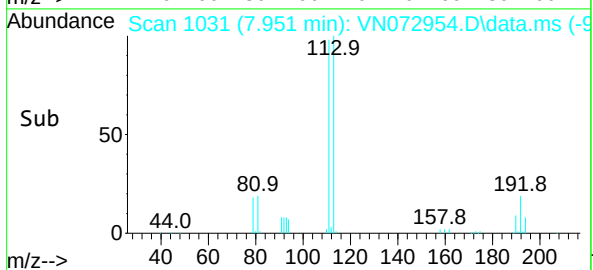
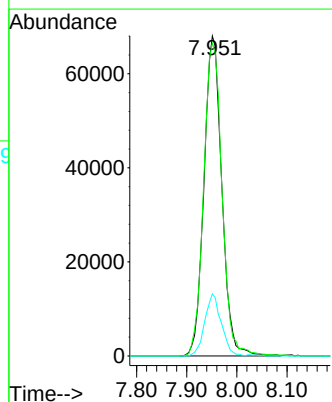
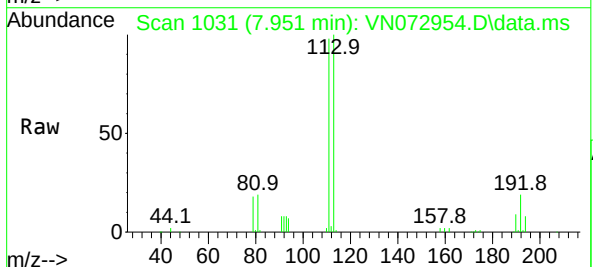
Instrument :
MSVOA_N
ClientSampleId :
MW-1

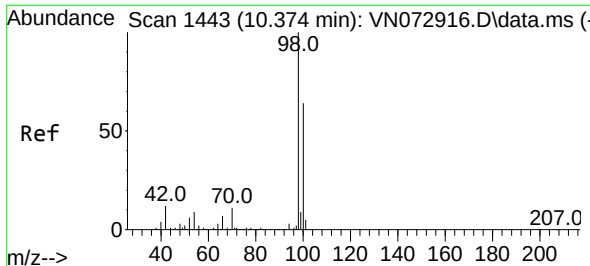
Tgt Ion:114 Resp: 525669
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.828 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion:113 Resp: 168395
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 17.9 17.0 25.6

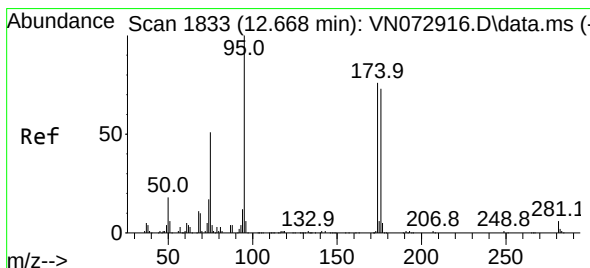
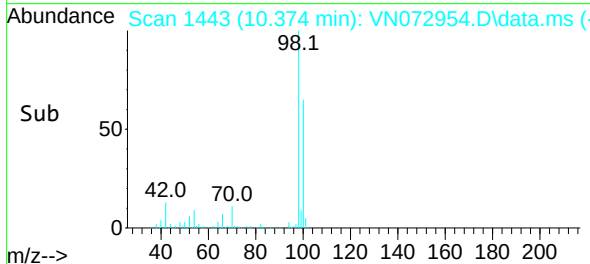
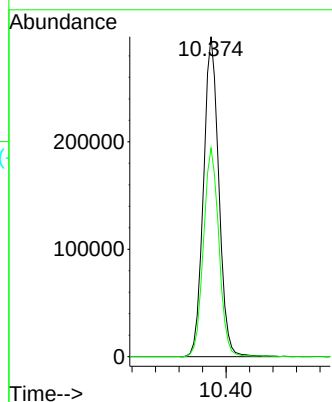
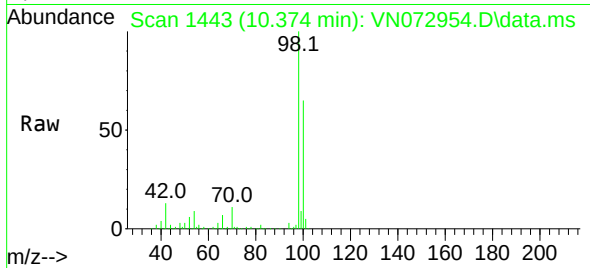




#50
Toluene-d8
Concen: 44.557 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

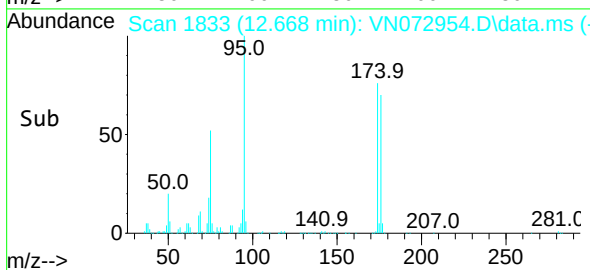
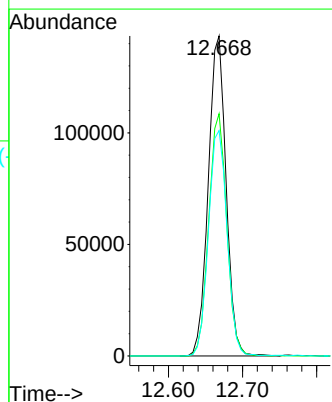
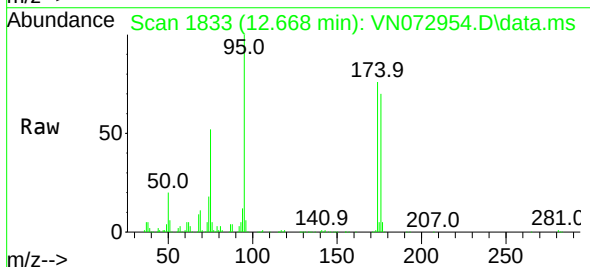
Instrument :
MSVOA_N
ClientSampleId :
MW-1

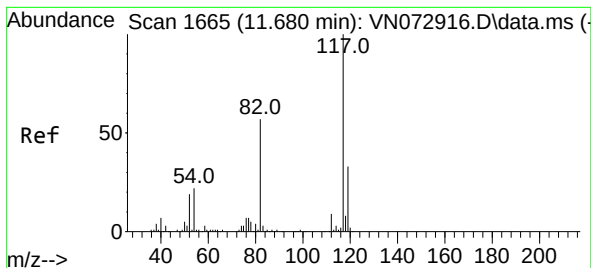
Tgt Ion: 98 Resp: 538697
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.052 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion: 95 Resp: 239332
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 73.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072954.D

Acq: 20 Jun 2022 12:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1

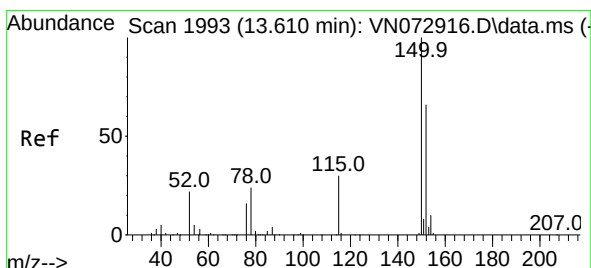
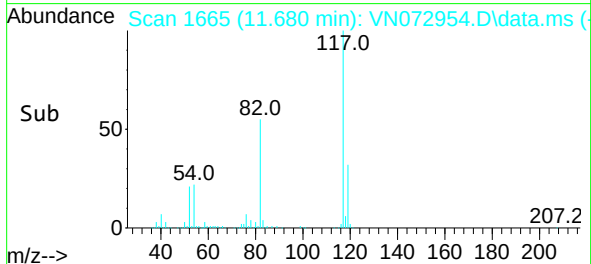
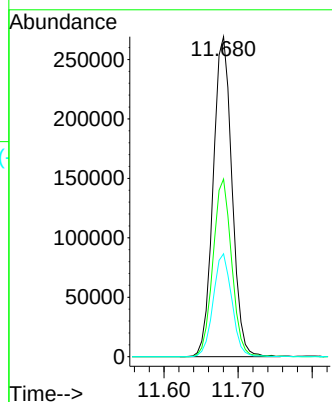
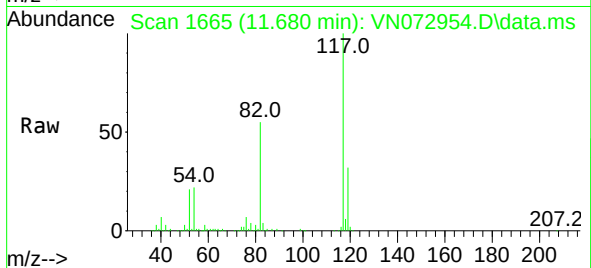
Tgt Ion:117 Resp: 474502

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN072954.D

Acq: 20 Jun 2022 12:15

Tgt Ion:152 Resp: 236283

Ion Ratio Lower Upper

152 100

115 59.7 28.9 86.7

150 156.3 0.0 356.2

