

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072926.D
 Acq On : 18 Jun 2022 09:40
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 20 08:01:54 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	277047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	489766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	417814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	167896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210529	56.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.420%
35) Dibromofluoromethane	7.951	113	161314	53.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.580%
50) Toluene-d8	10.375	98	553064	49.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.668	95	185811	45.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%

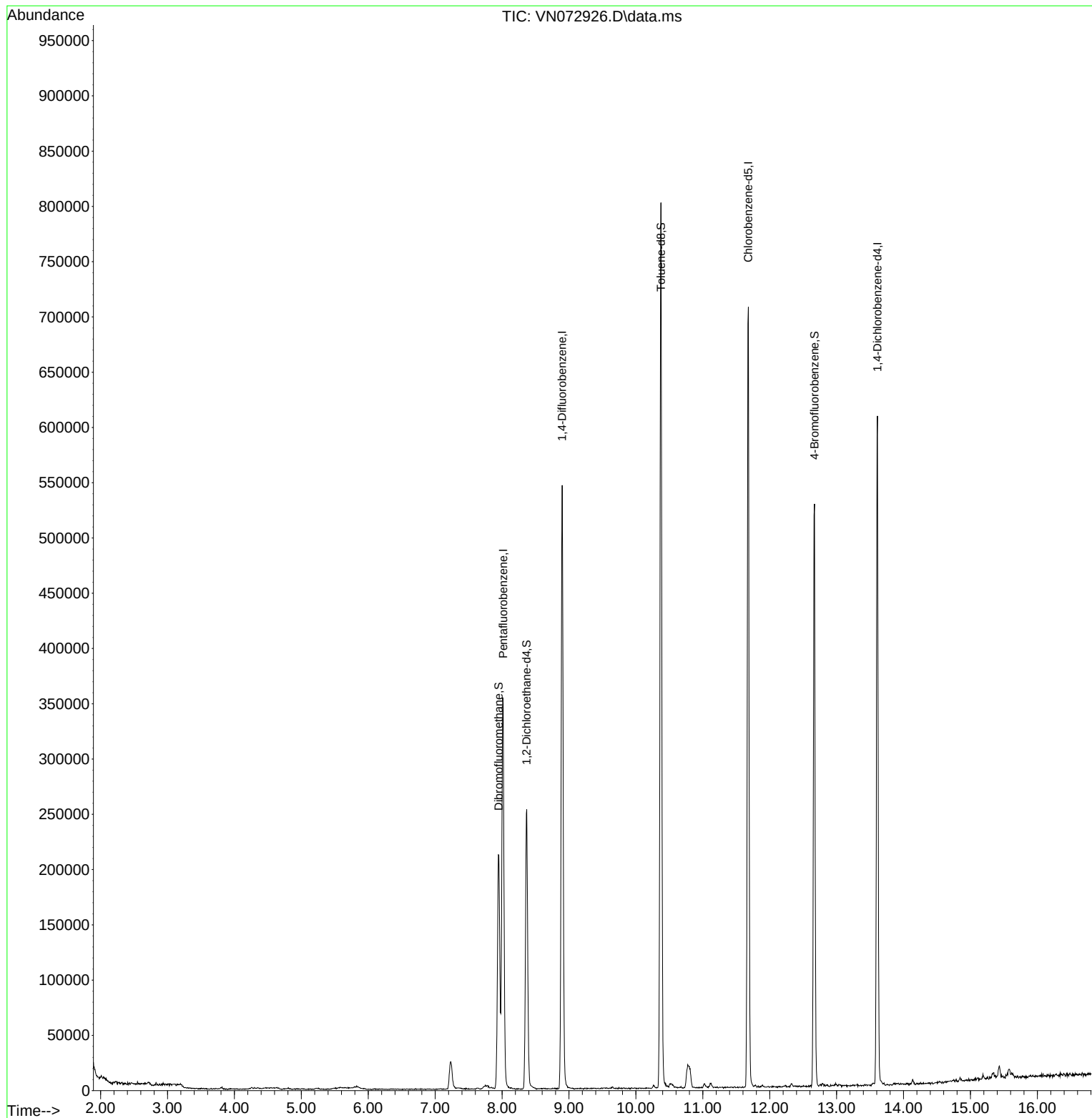
Target Compounds	Qvalue

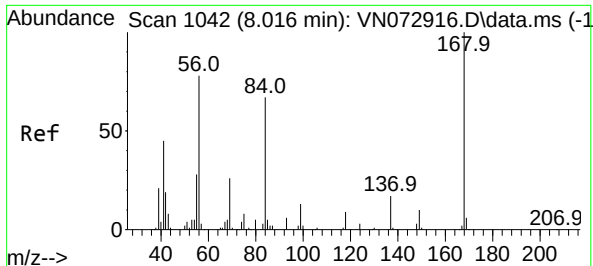
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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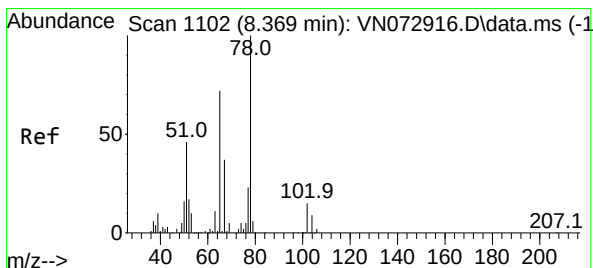
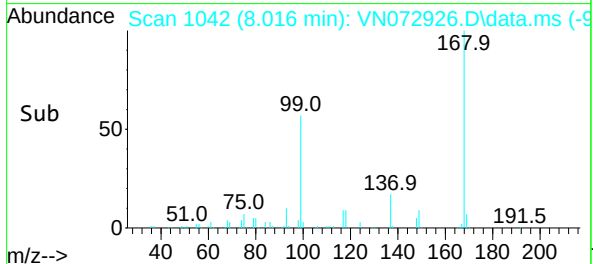
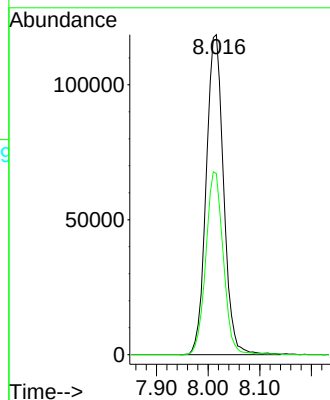
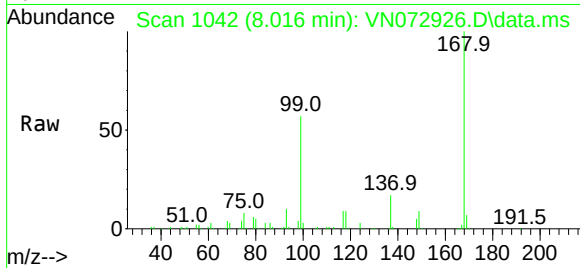




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072926.D
Acq: 18 Jun 2022 09:40

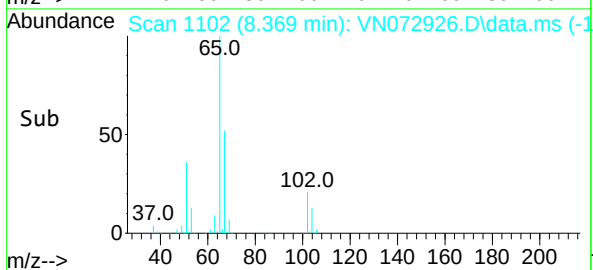
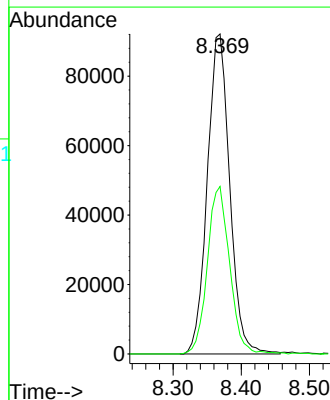
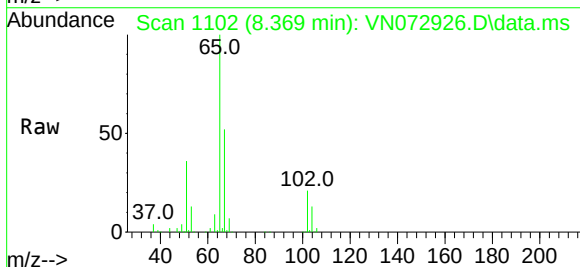
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

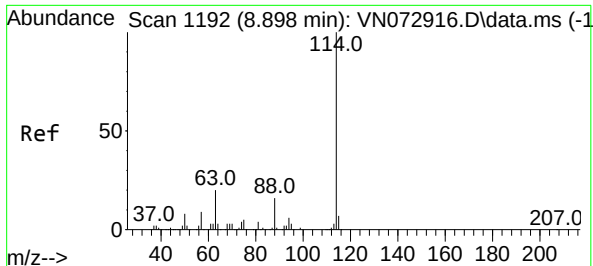
Tgt Ion:168 Resp: 277047
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 56.207 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072926.D
Acq: 18 Jun 2022 09:40

Tgt Ion: 65 Resp: 210529
Ion Ratio Lower Upper
65 100
67 52.2 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: VN072926.D

Acq: 18 Jun 2022 09:40

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

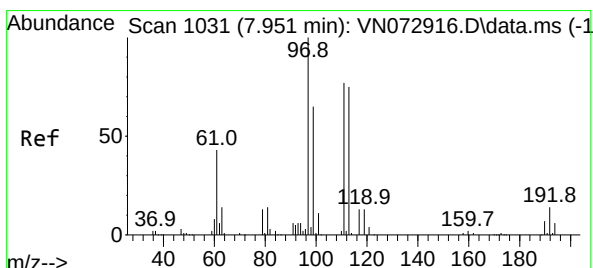
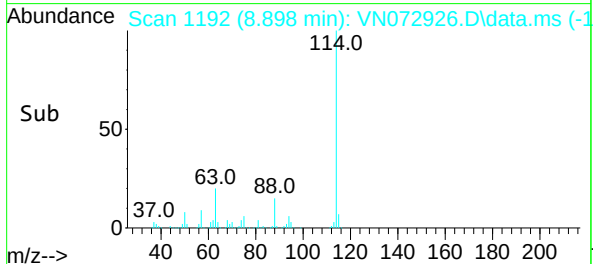
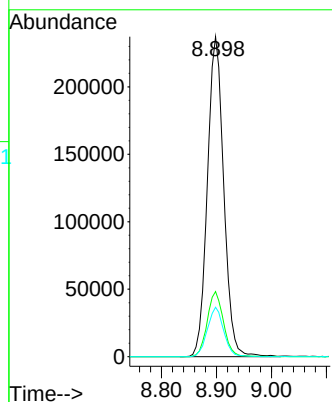
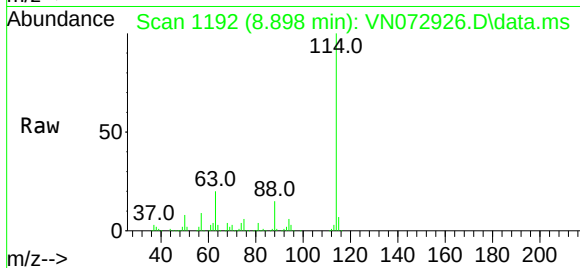
Tgt Ion:114 Resp: 489766

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.288 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072926.D

Acq: 18 Jun 2022 09:40

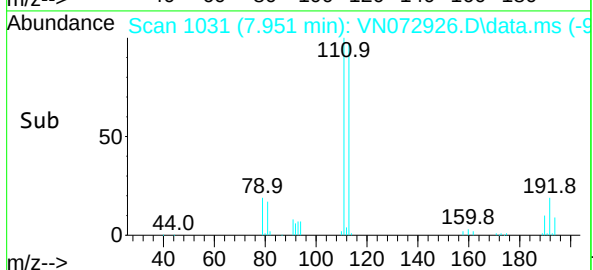
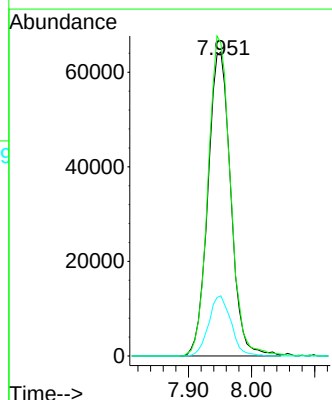
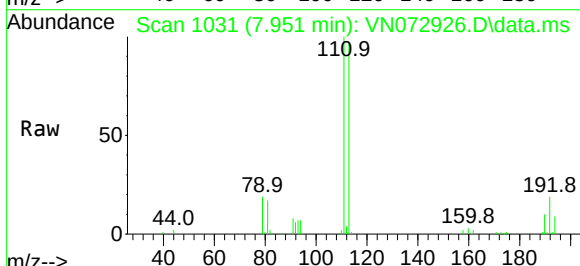
Tgt Ion:113 Resp: 161314

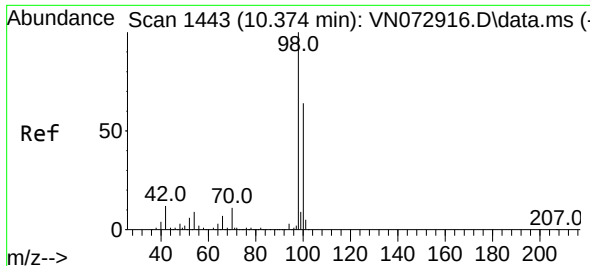
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.3 17.0 25.6

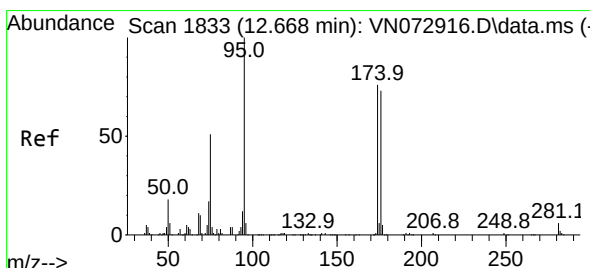
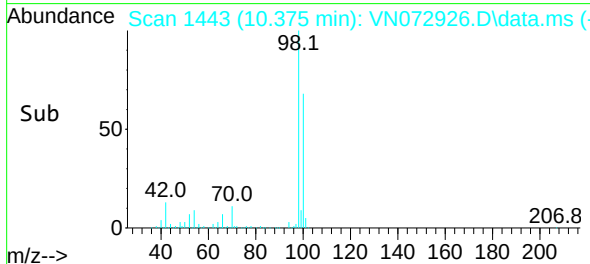
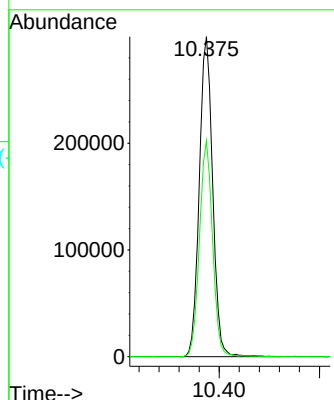
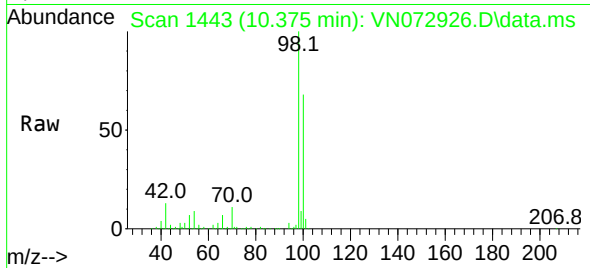




#50
Toluene-d8
Concen: 49.099 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072926.D
Acq: 18 Jun 2022 09:40

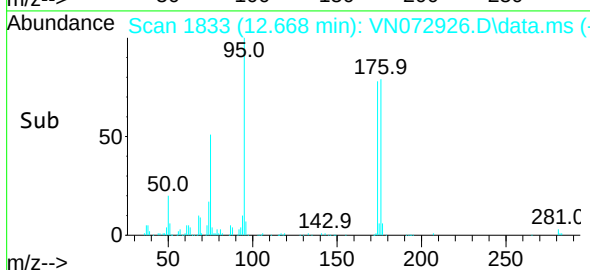
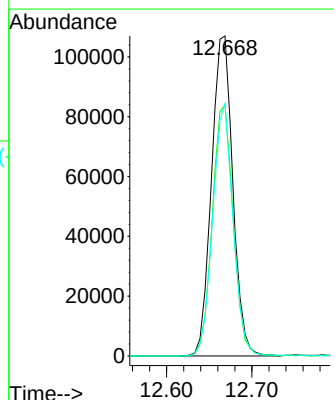
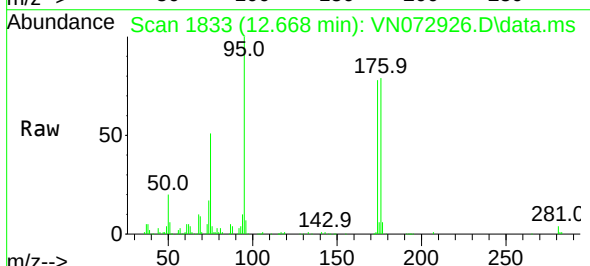
Instrument :
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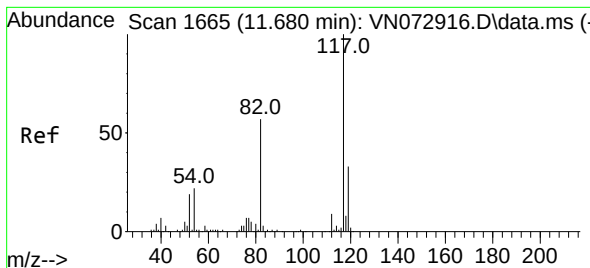
Tgt Ion: 98 Resp: 553064
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.874 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072926.D
Acq: 18 Jun 2022 09:40

Tgt Ion: 95 Resp: 185811
Ion Ratio Lower Upper
95 100
174 77.3 0.0 167.6
176 75.5 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: VN072926.D

Acq: 18 Jun 2022 09:40

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

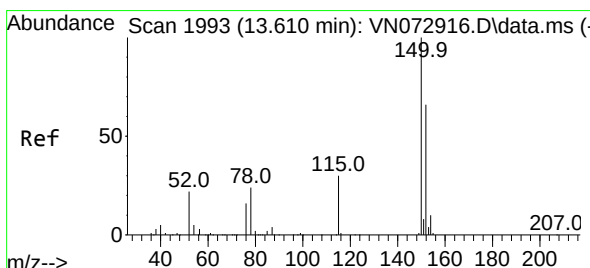
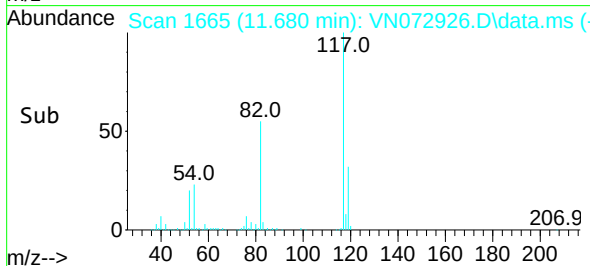
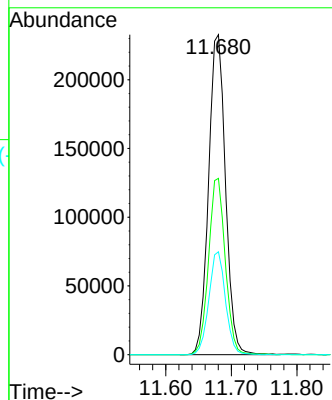
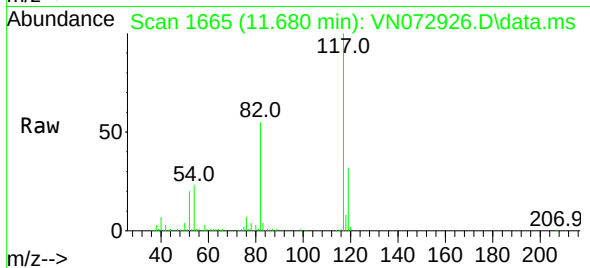
Tgt Ion:117 Resp: 417814

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.1 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: VN072926.D

Acq: 18 Jun 2022 09:40

Tgt Ion:152 Resp: 167896

Ion Ratio Lower Upper

152 100

115 59.6 28.9 86.7

150 157.9 0.0 356.2

