

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072947.D
 Acq On : 20 Jun 2022 09:03
 Operator : JC\MD
 Sample : VN0620WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBL01

Quant Time: Jun 21 05:53:10 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	357188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	565364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	508715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	261403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	203207	42.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.160%
35) Dibromofluoromethane	7.951	113	179909	51.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	10.375	98	578177	44.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.663	95	261167	55.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.720%

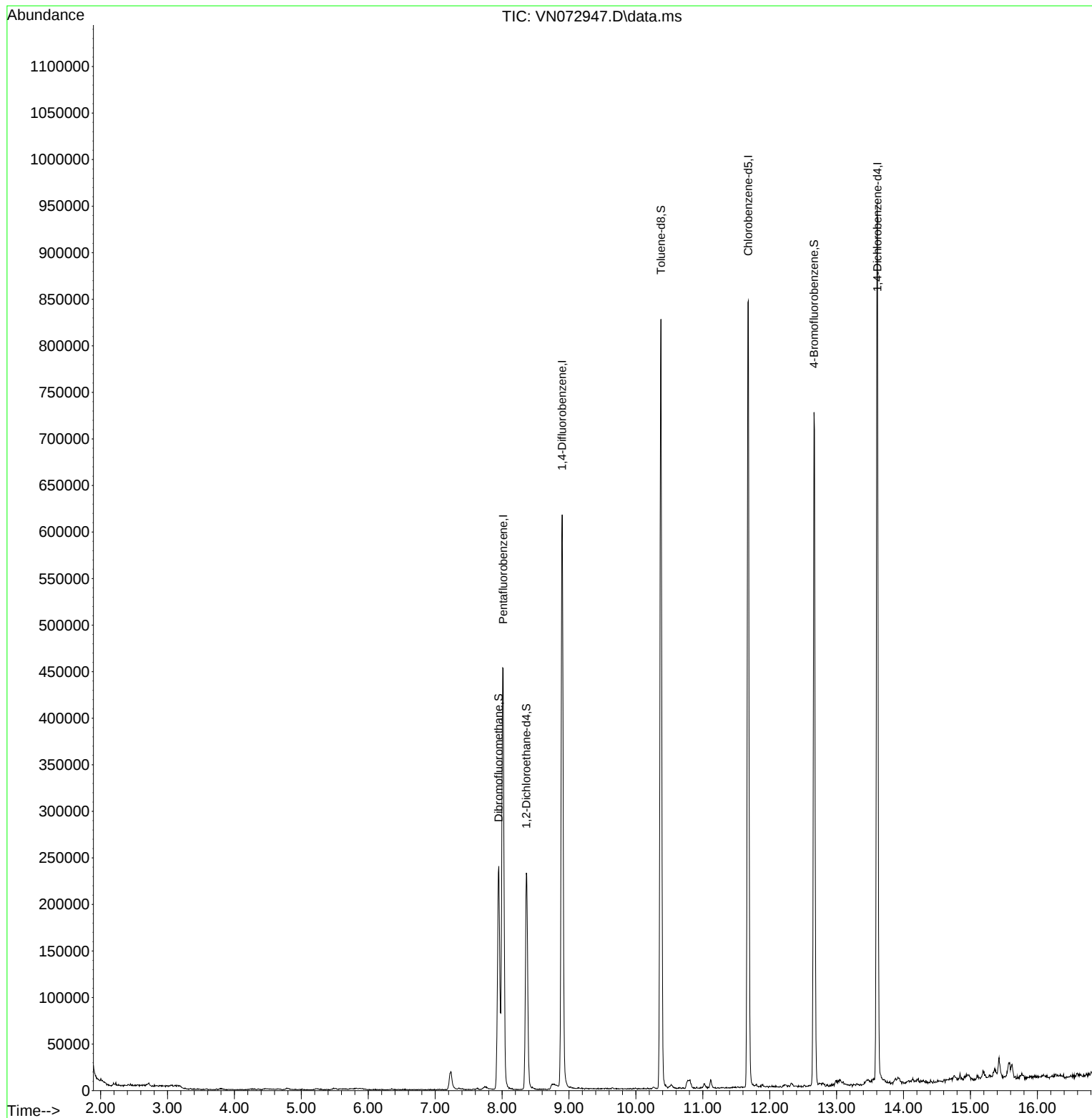
Target Compounds	Qvalue

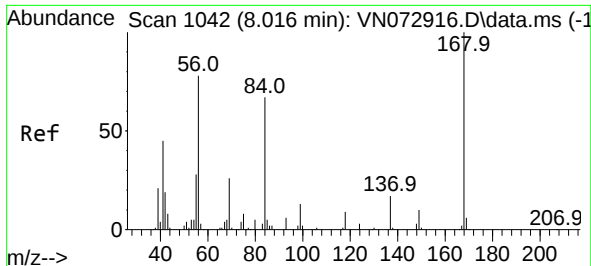
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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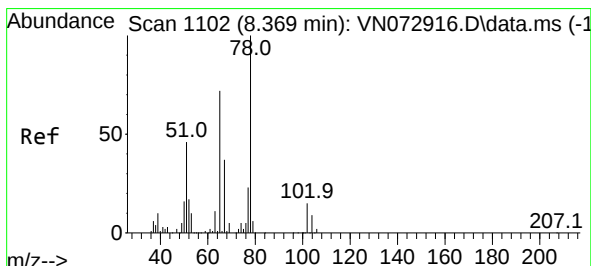
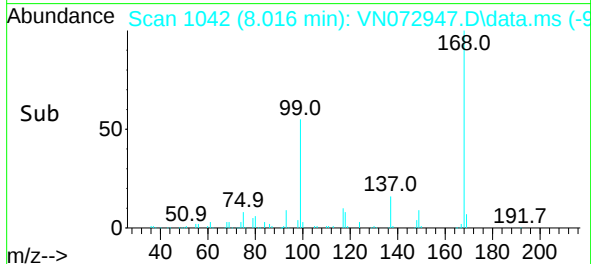
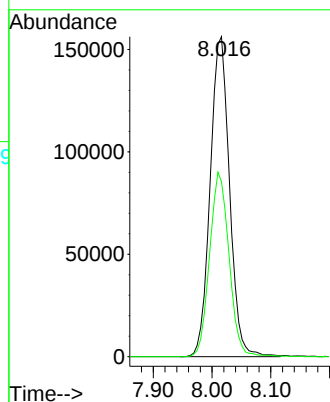
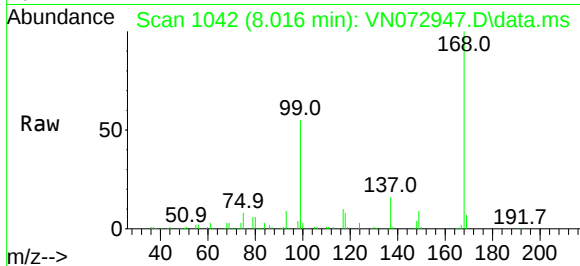




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN072947.D
Acq: 20 Jun 2022 09:03

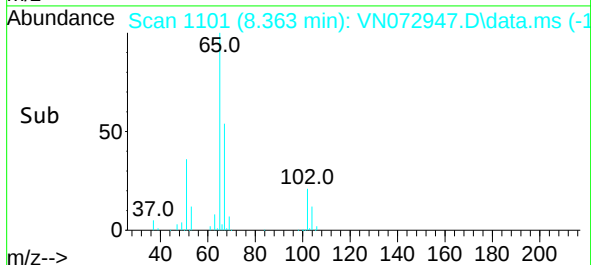
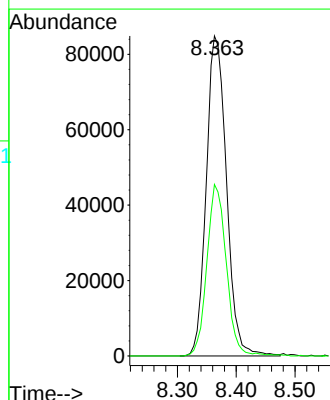
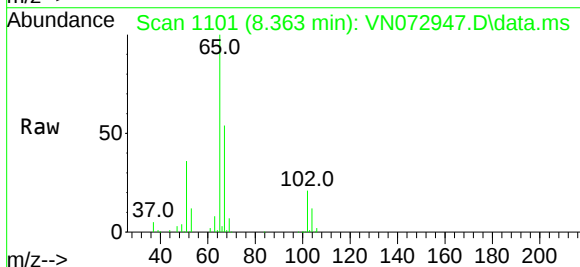
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:168 Resp: 357188
Ion Ratio Lower Upper
168 100
99 54.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.080 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN072947.D
Acq: 20 Jun 2022 09:03

Tgt Ion: 65 Resp: 203207
Ion Ratio Lower Upper
65 100
67 51.6 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: VN072947.D

Acq: 20 Jun 2022 09:03

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBL01

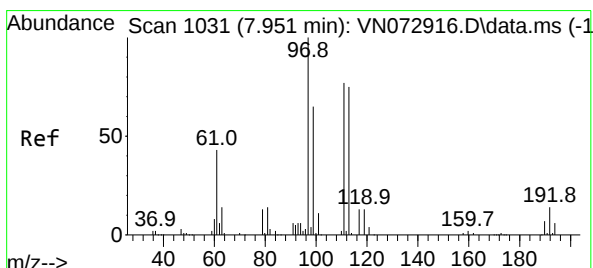
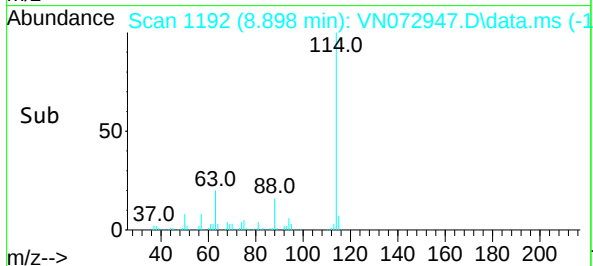
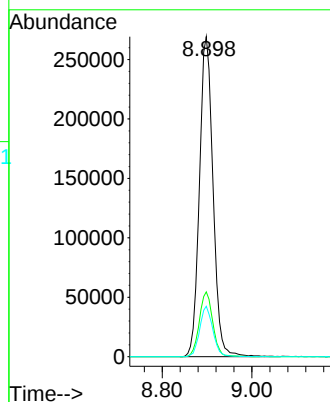
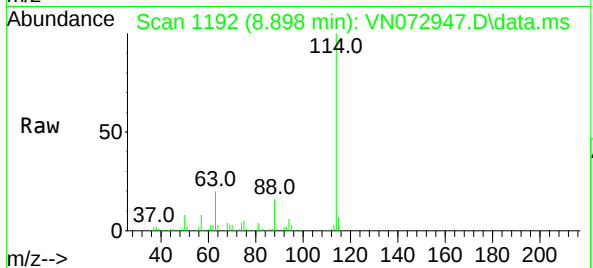
Tgt Ion:114 Resp: 565364

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.484 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072947.D

Acq: 20 Jun 2022 09:03

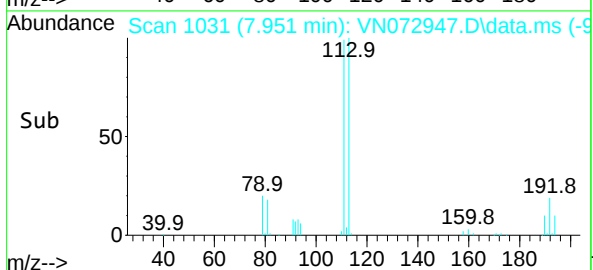
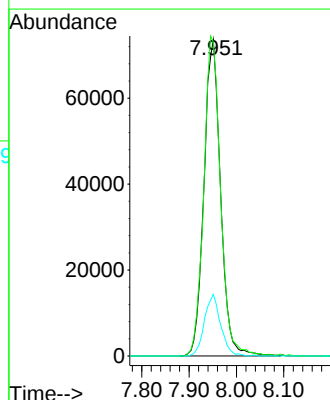
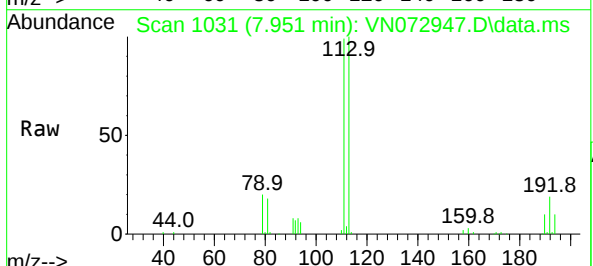
Tgt Ion:113 Resp: 179909

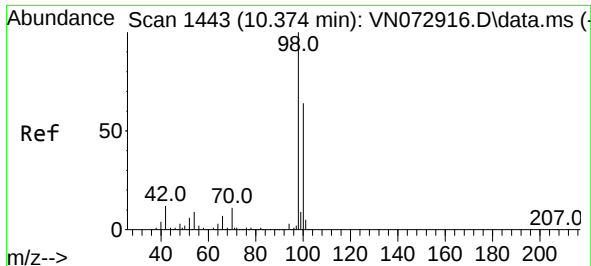
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.9 17.0 25.6

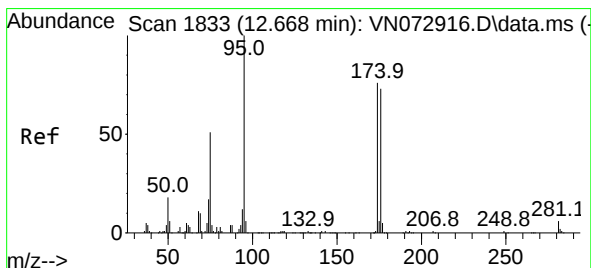
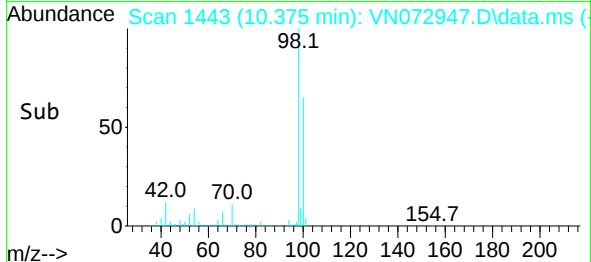
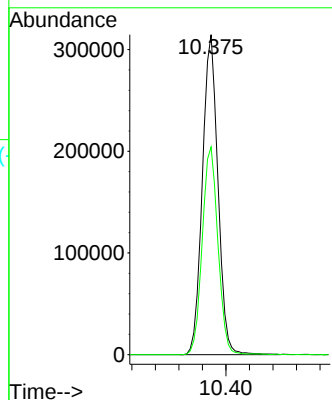
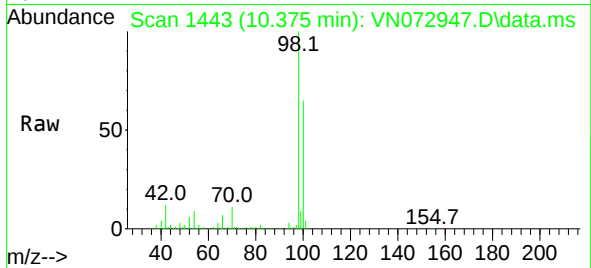




#50
Toluene-d8
Concen: 44.465 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072947.D
Acq: 20 Jun 2022 09:03

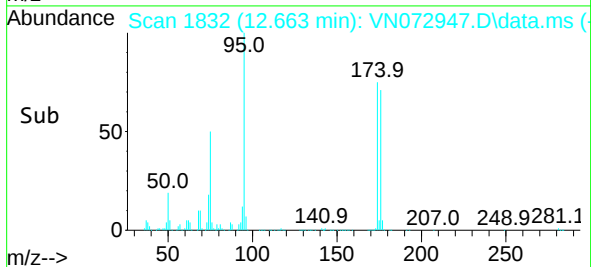
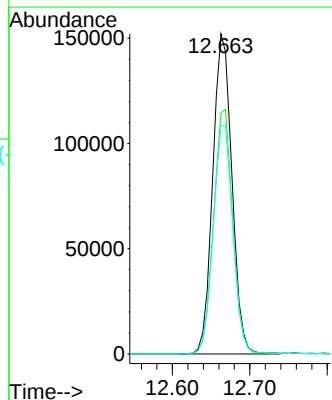
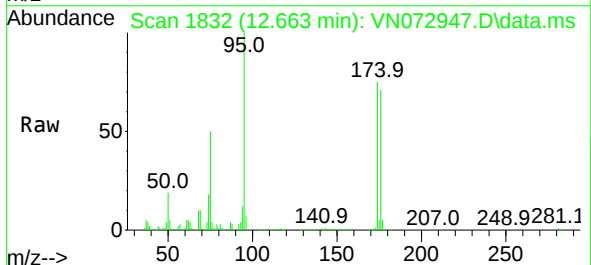
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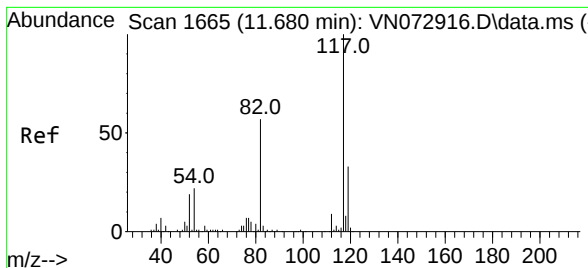
Tgt Ion: 98 Resp: 578177
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.856 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072947.D
Acq: 20 Jun 2022 09:03

Tgt Ion: 95 Resp: 261167
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: VN072947.D

Acq: 20 Jun 2022 09:03

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBL01

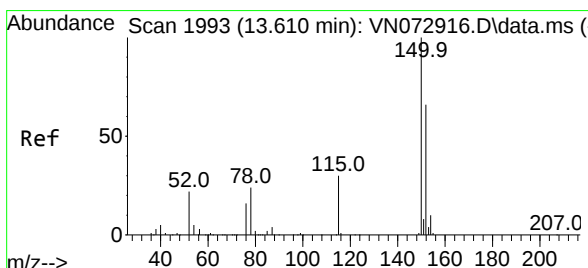
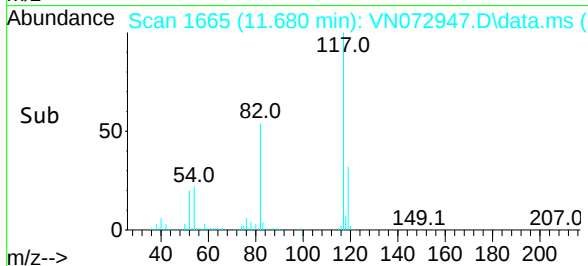
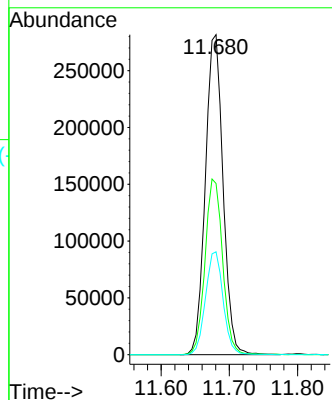
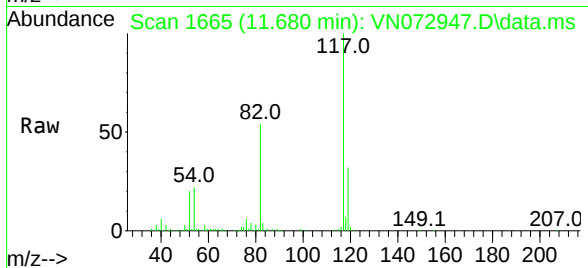
Tgt Ion:117 Resp: 508715

Ion Ratio Lower Upper

117 100

82 53.5 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: VN072947.D

Acq: 20 Jun 2022 09:03

Tgt Ion:152 Resp: 261403

Ion Ratio Lower Upper

152 100

115 61.0 28.9 86.7

150 158.1 0.0 356.2

