

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073258.D
 Acq On : 30 Jun 2022 11:10
 Operator : JC\MD
 Sample : VN0630WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBL01

Quant Time: Jul 01 08:06:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	308315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	516790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	468261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	221106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198872	44.682	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.360%
35) Dibromofluoromethane	7.951	113	166447	48.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	10.380	98	536435	43.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.668	95	234220	49.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.820%

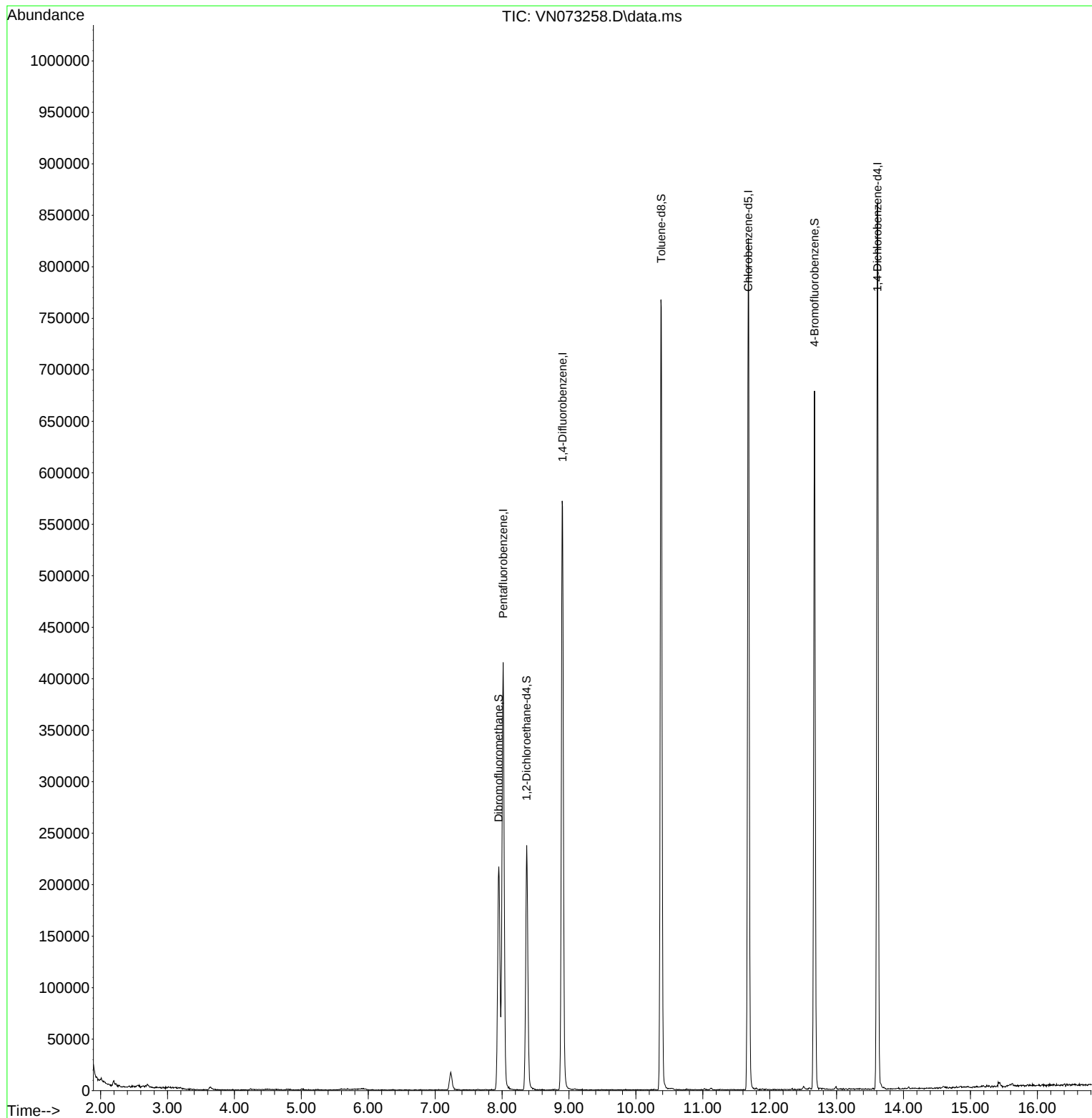
Target Compounds	Qvalue

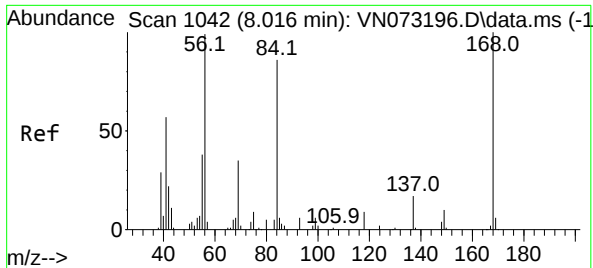
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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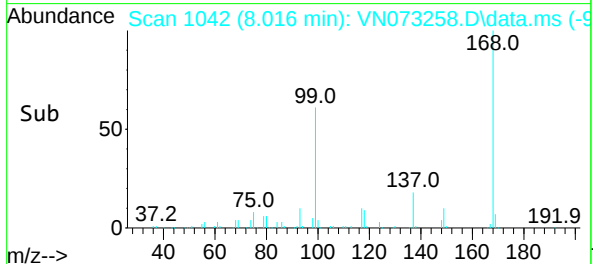
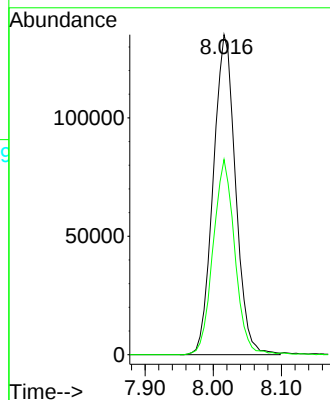
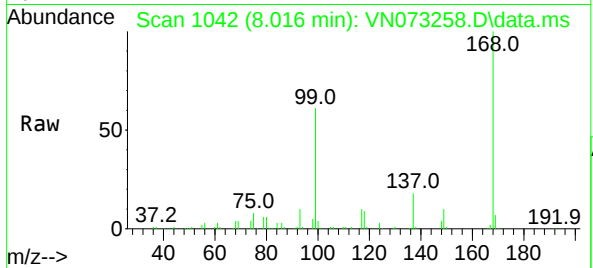




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073258.D
Acq: 30 Jun 2022 11:10

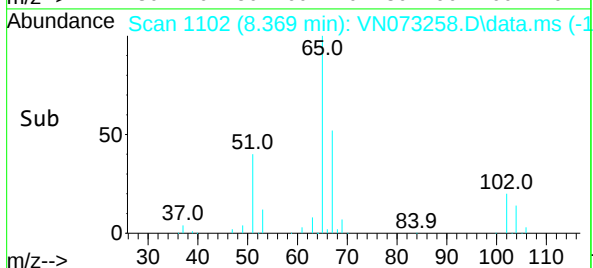
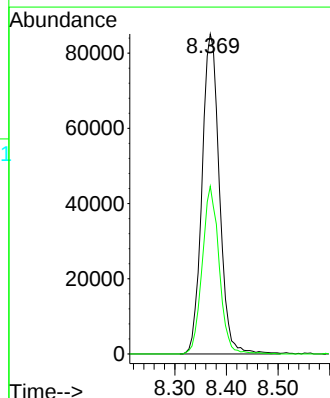
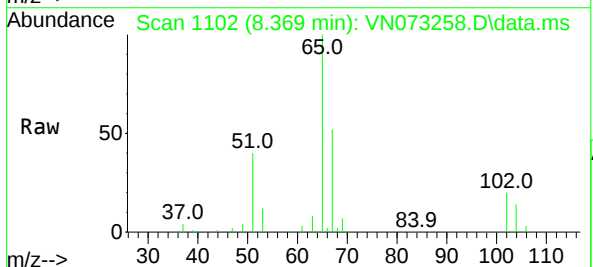
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBL01

Tgt Ion:168 Resp: 308315
Ion Ratio Lower Upper
168 100
99 61.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.682 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073258.D
Acq: 30 Jun 2022 11:10

Tgt Ion: 65 Resp: 198872
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073258.D

Acq: 30 Jun 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBL01

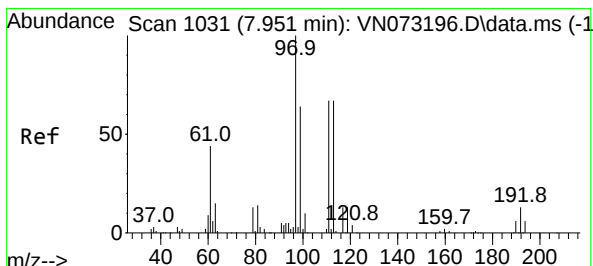
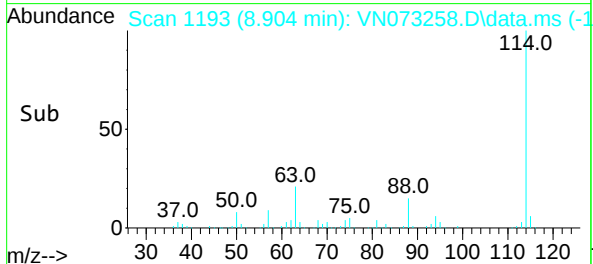
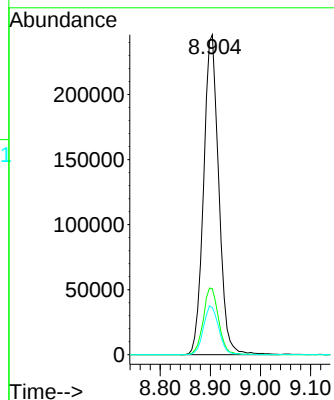
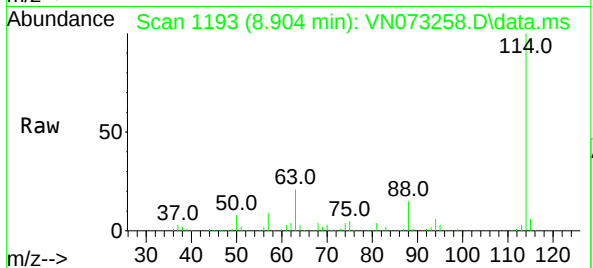
Tgt Ion:114 Resp: 516790

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073258.D

Acq: 30 Jun 2022 11:10

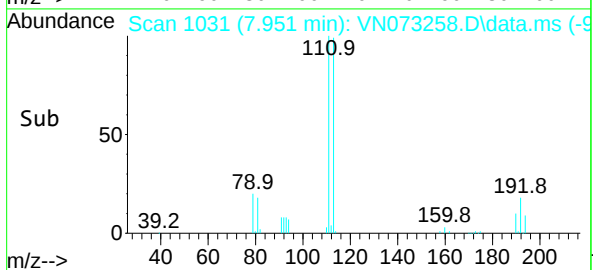
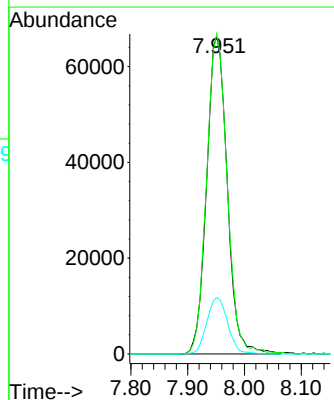
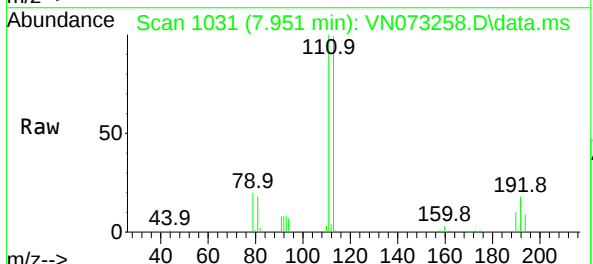
Tgt Ion:113 Resp: 166447

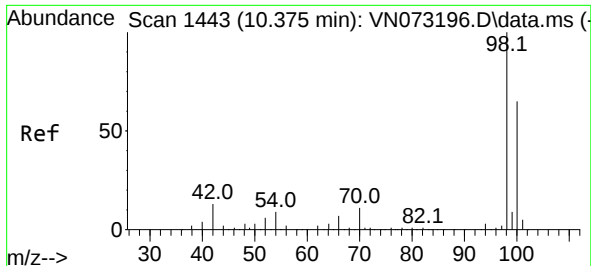
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 18.0 17.0 25.6

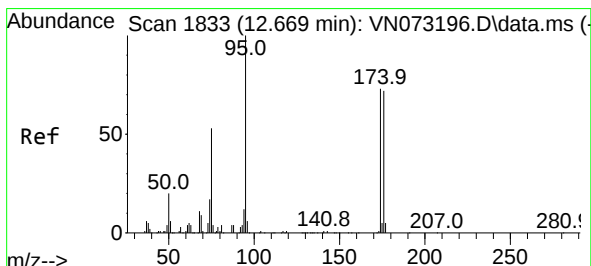
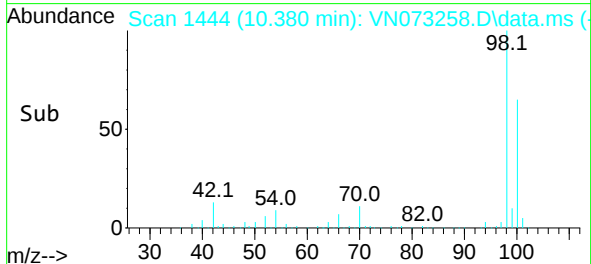
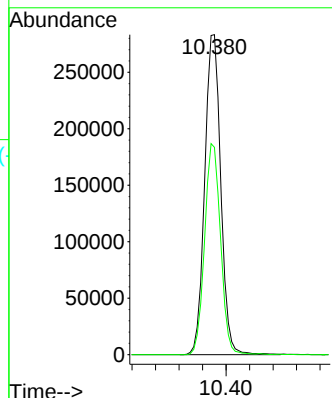
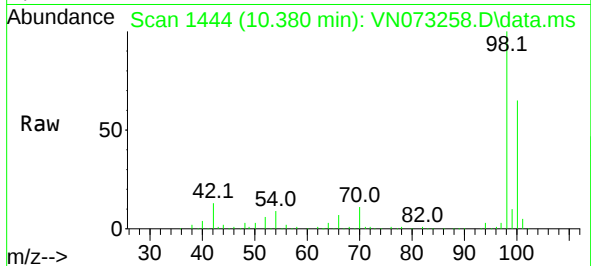




#50
Toluene-d8
Concen: 43.928 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073258.D
Acq: 30 Jun 2022 11:10

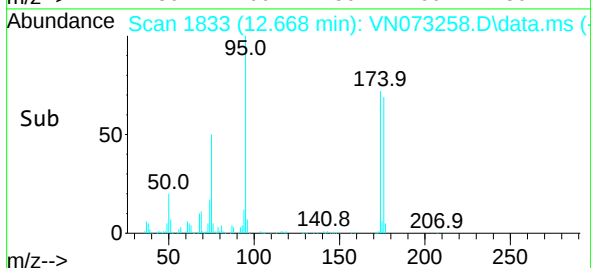
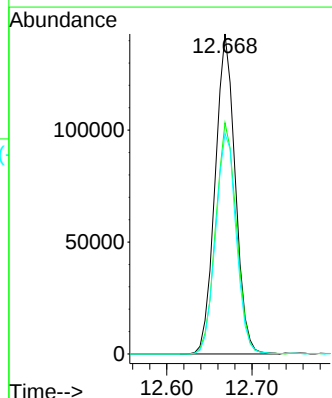
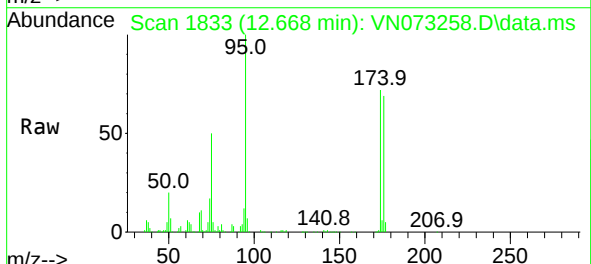
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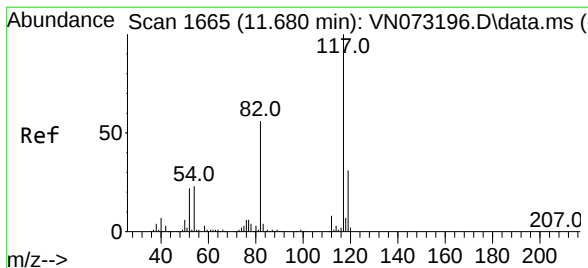
Tgt Ion: 98 Resp: 536435
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.910 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073258.D
Acq: 30 Jun 2022 11:10

Tgt Ion: 95 Resp: 234220
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 70.7 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: VN073258.D

Acq: 30 Jun 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBL01

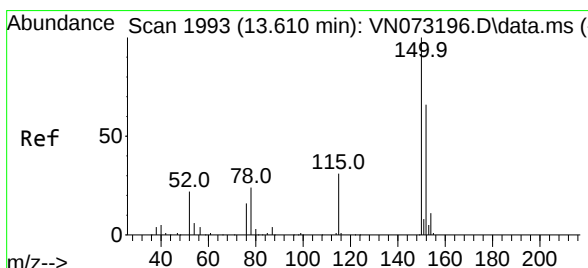
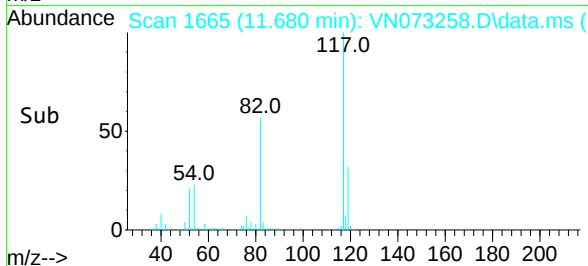
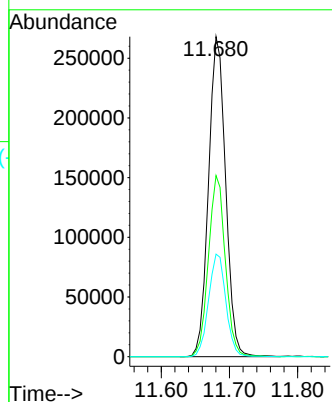
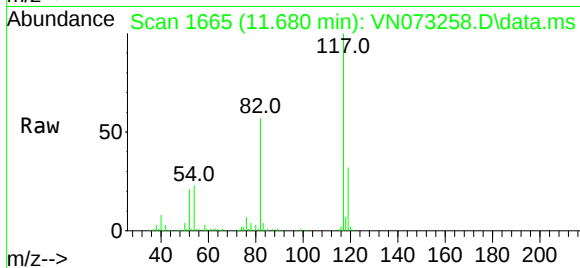
Tgt Ion:117 Resp: 468261

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN073258.D

Acq: 30 Jun 2022 11:10

Tgt Ion:152 Resp: 221106

Ion Ratio Lower Upper

152 100

115 61.0 28.9 86.7

150 158.2 0.0 356.2

