

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073038.D
 Acq On : 23 Jun 2022 10:41
 Operator : JC\MD
 Sample : VN0623WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBL01

Quant Time: Jun 24 01:16:30 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	8.010	168	298406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	481523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	420512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	177366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182042	45.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.240%
35) Dibromofluoromethane	7.951	113	154674	51.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	10.375	98	495815	44.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.669	95	195404	49.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%

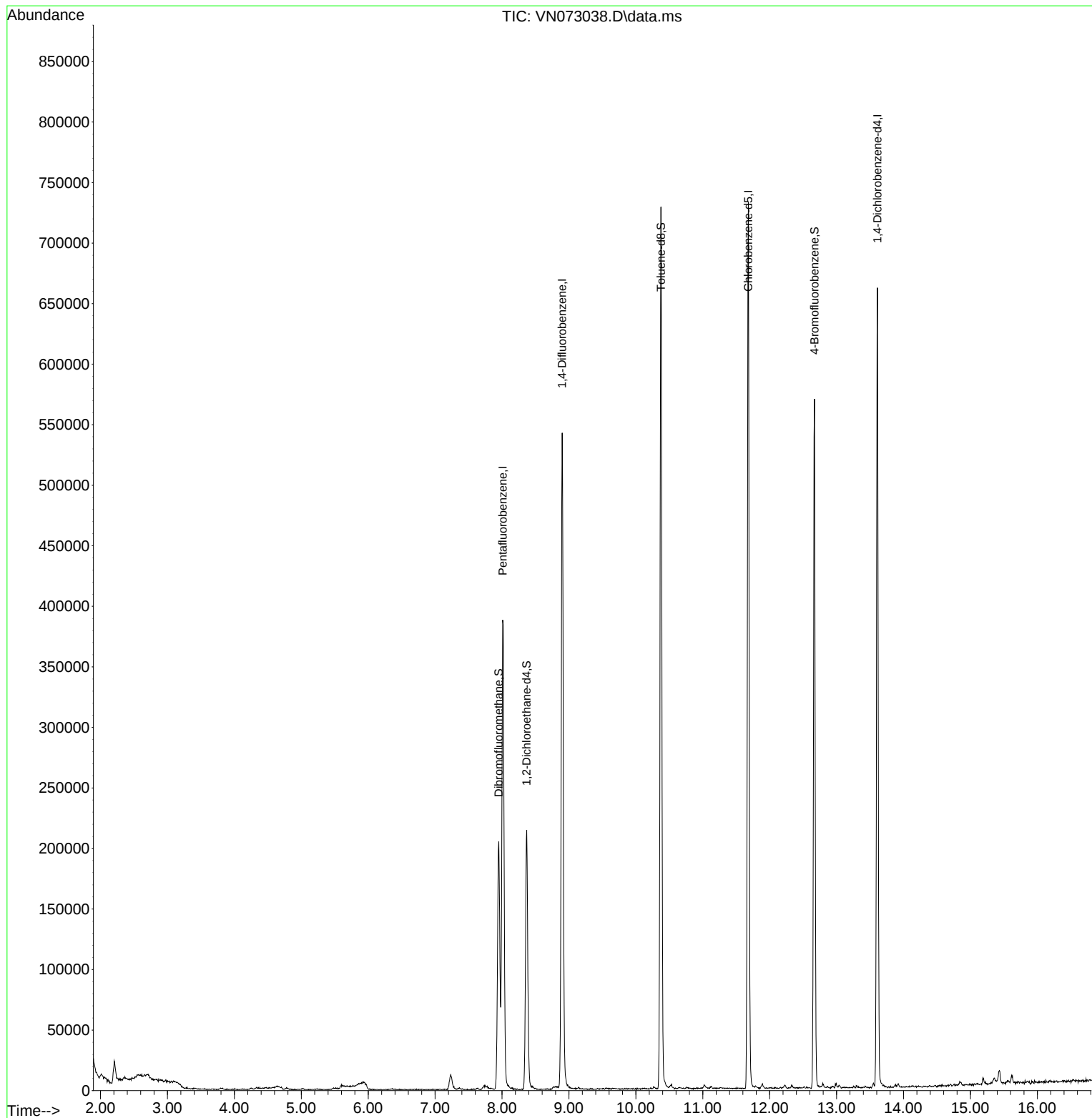
Target Compounds	Qvalue

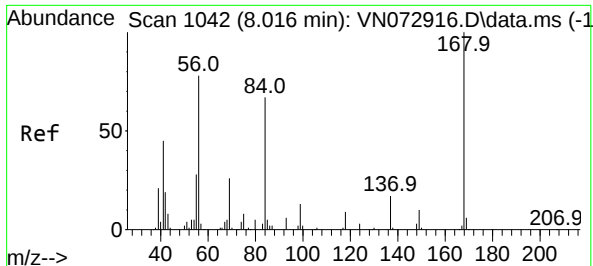
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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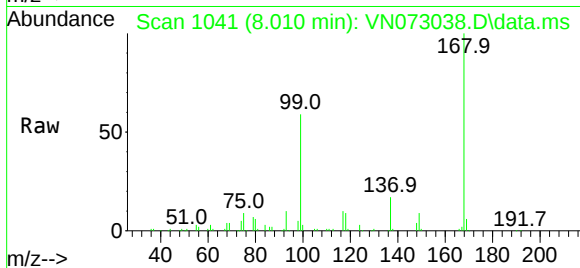
Quant Time: Jun 24 01:16:30 2022
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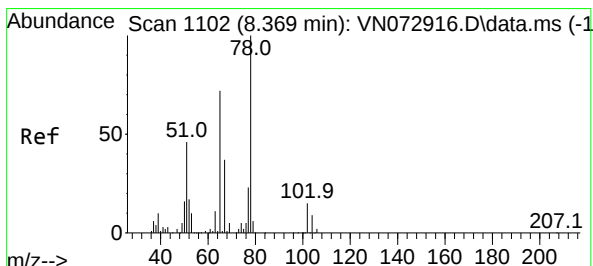
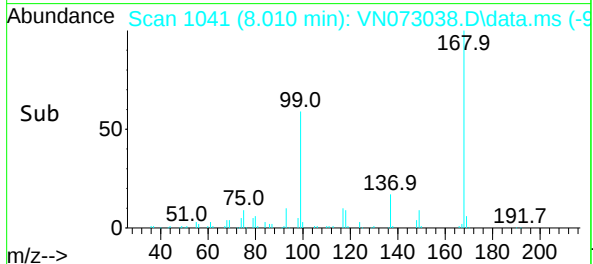
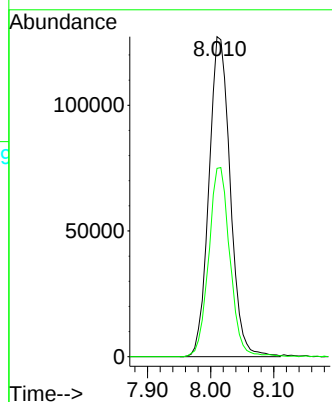


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073038.D
Acq: 23 Jun 2022 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBL01

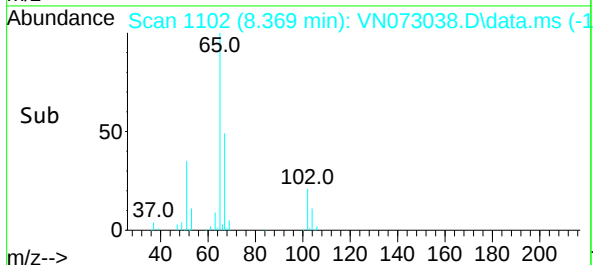
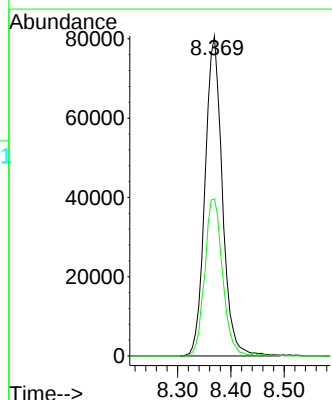
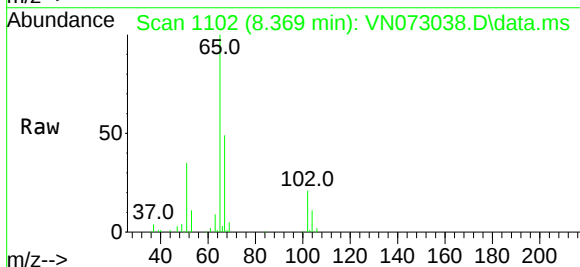


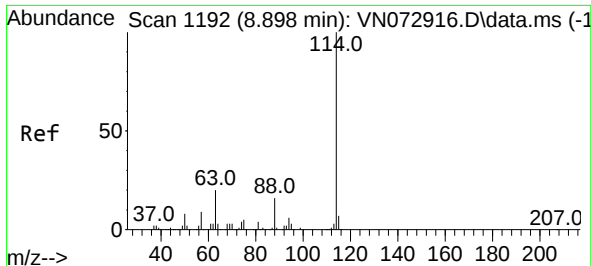
Tgt Ion:168 Resp: 298406
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.123 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073038.D
Acq: 23 Jun 2022 10:41

Tgt Ion: 65 Resp: 182042
Ion Ratio Lower Upper
65 100
67 50.6 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: VN073038.D

Acq: 23 Jun 2022 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBL01

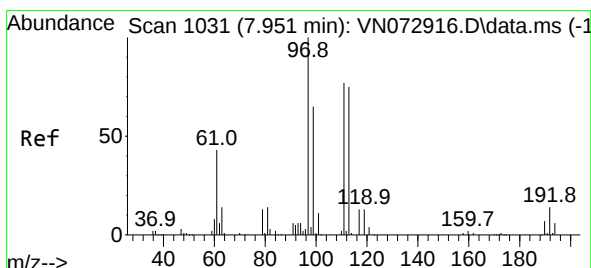
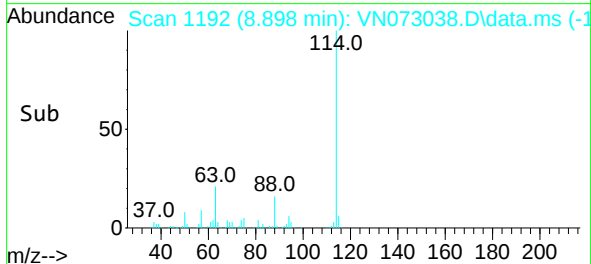
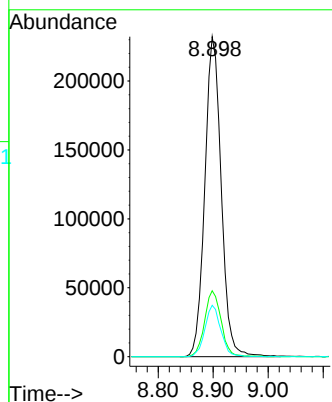
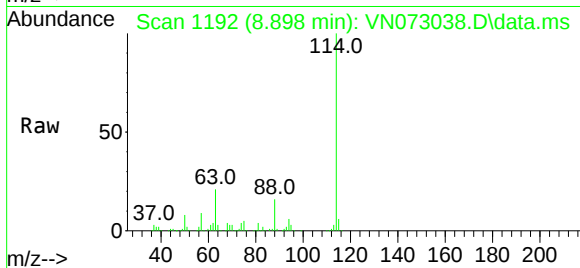
Tgt Ion:114 Resp: 481523

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.969 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073038.D

Acq: 23 Jun 2022 10:41

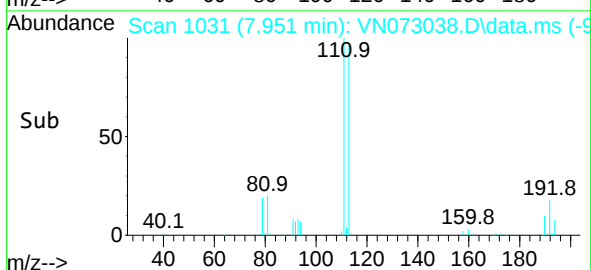
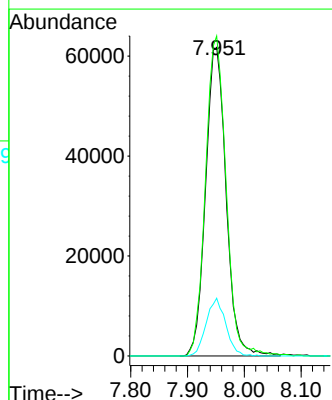
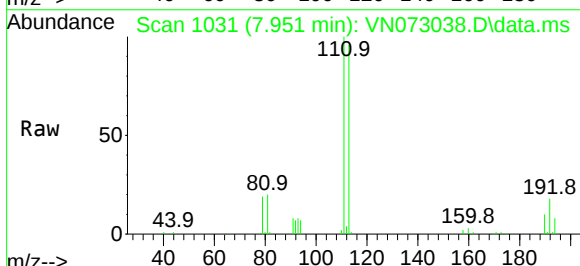
Tgt Ion:113 Resp: 154674

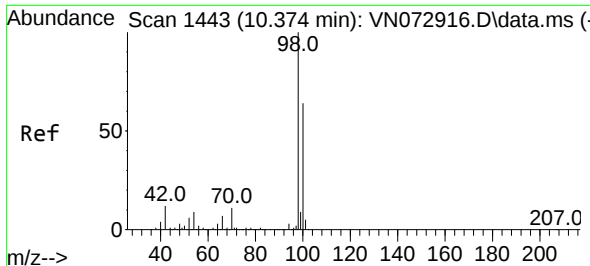
Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 17.9 17.0 25.6

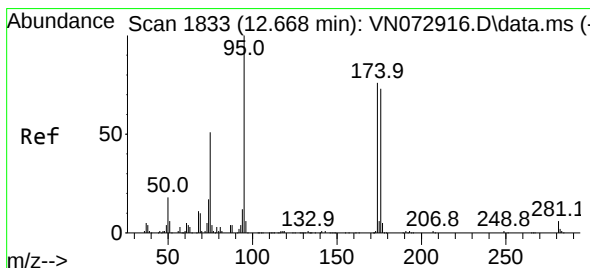
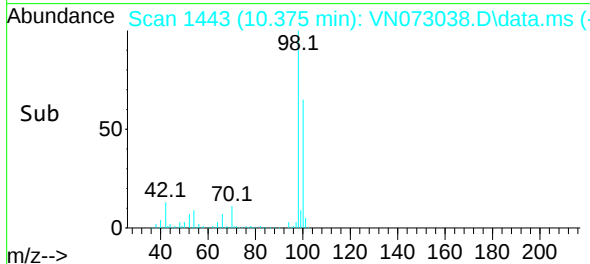
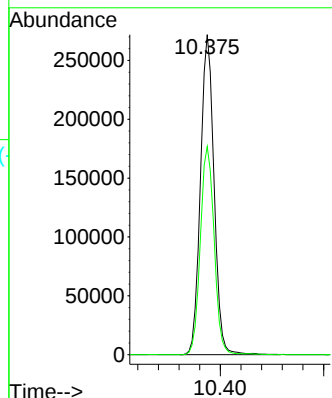
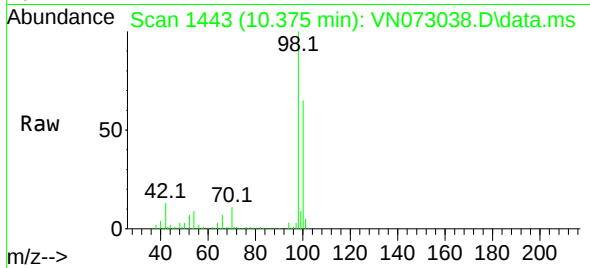




#50
Toluene-d8
Concen: 44.770 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073038.D
Acq: 23 Jun 2022 10:41

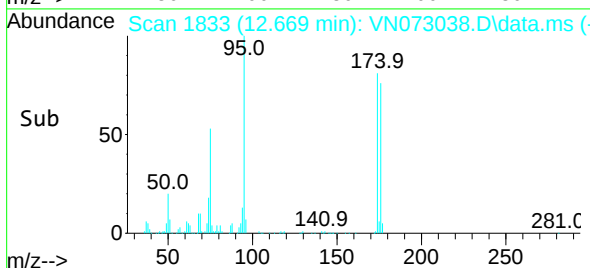
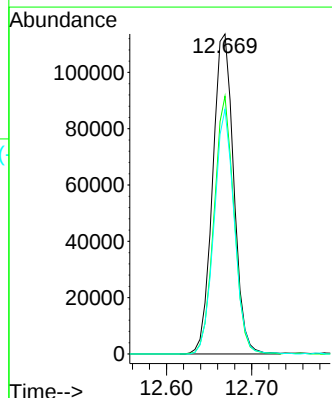
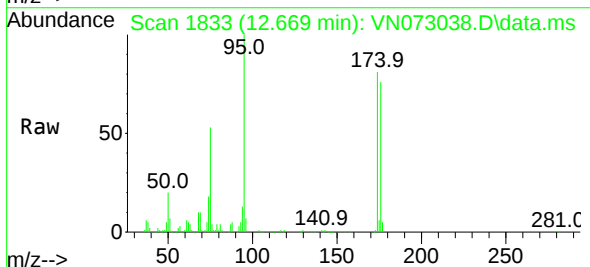
Instrument :
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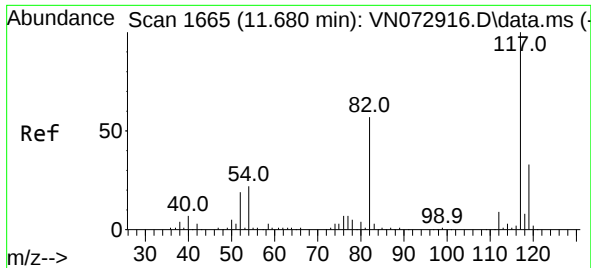
Tgt Ion: 98 Resp: 495815
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.068 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073038.D
Acq: 23 Jun 2022 10:41

Tgt Ion: 95 Resp: 195404
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 73.2 0.0 163.4

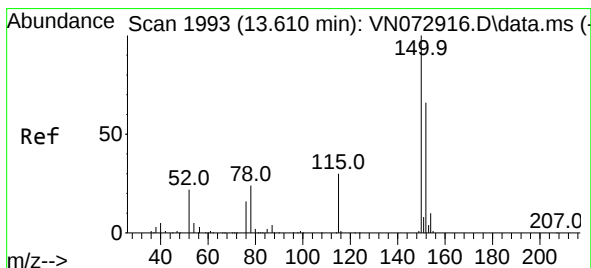
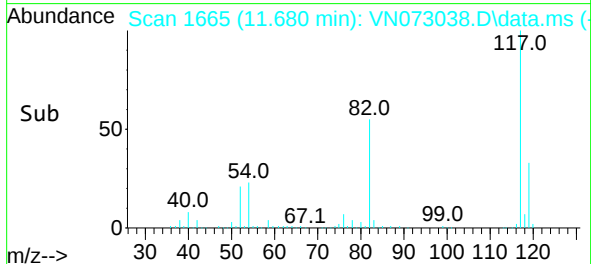
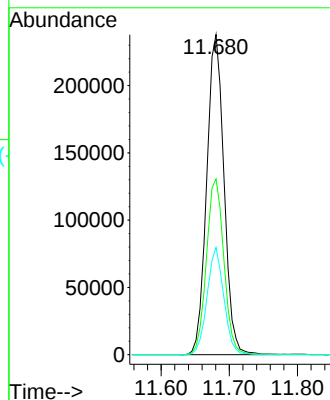
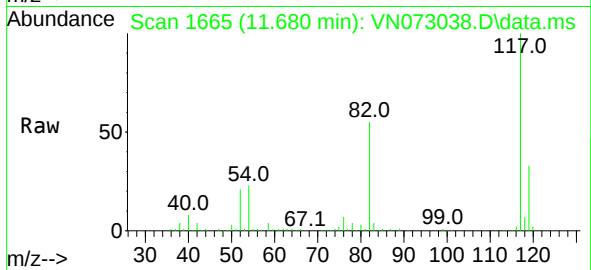




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN073038.D
Acq: 23 Jun 2022 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBL01

Tgt Ion:117 Resp: 420512
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 33.5 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: VN073038.D
Acq: 23 Jun 2022 10:41

Tgt Ion:152 Resp: 177366
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 160.2 0.0 356.2

