

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073799.D
 Acq On : 10 Aug 2022 15:45
 Operator : JC\MD
 Sample : N4111-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW158S1-TB-20220808

Quant Time: Aug 10 22:54:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	396320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	630417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	599225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	292613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	243943	50.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.020%
35) Dibromofluoromethane	7.951	113	229747	58.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.080%
50) Toluene-d8	10.380	98	743135	47.705	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.674	95	275382	50.338	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%

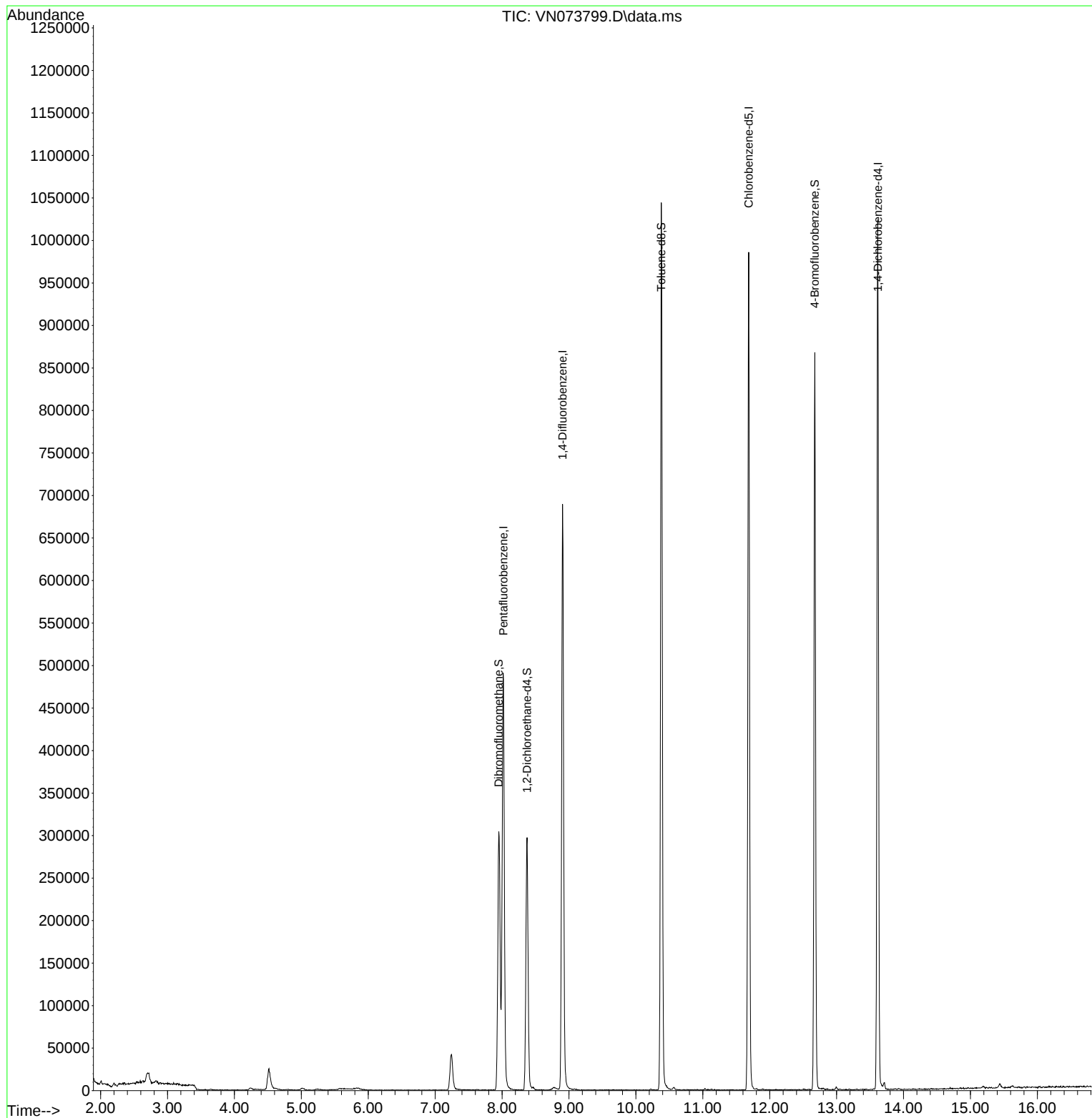
Target Compounds	Qvalue

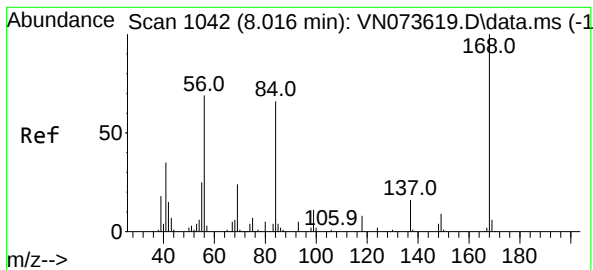
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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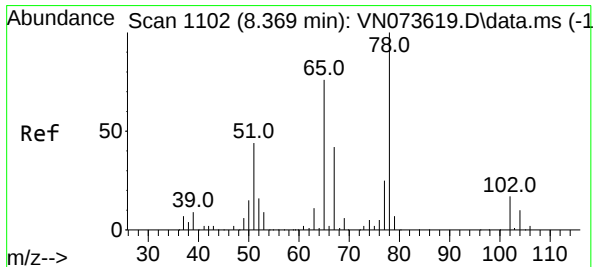
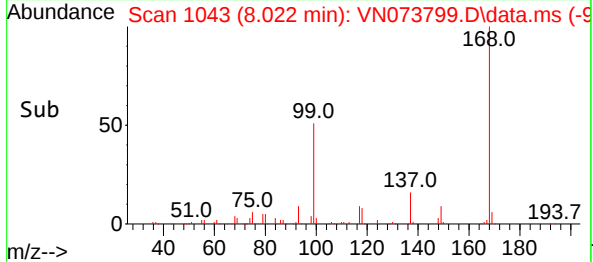
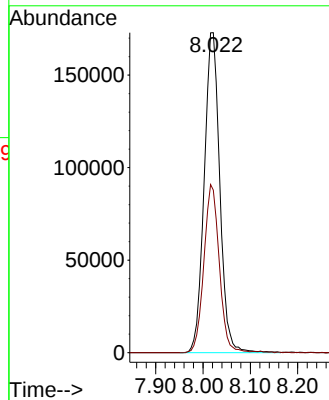
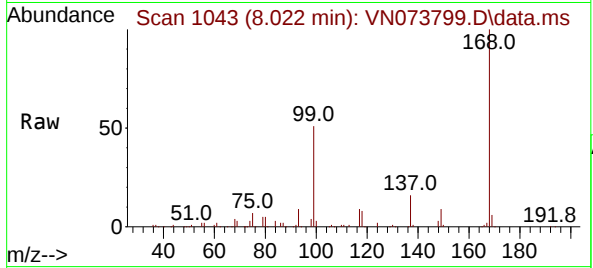




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073799.D
Acq: 10 Aug 2022 15:45

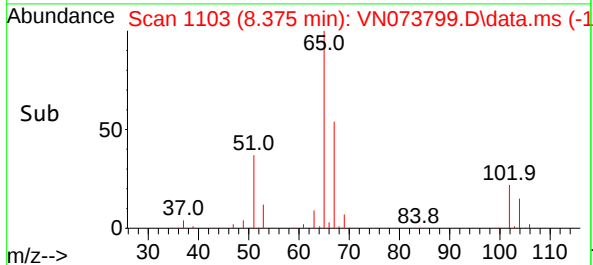
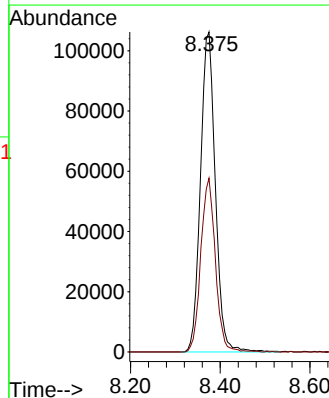
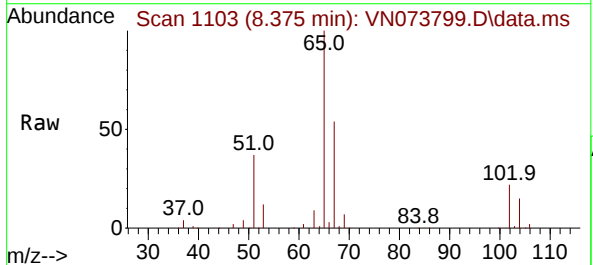
Instrument :
MSVOA_N
ClientSampleId :
BP-MW158S1-TB-20220808

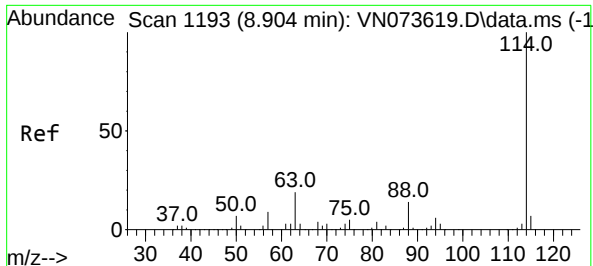
Tgt Ion:168 Resp: 396320
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 50.508 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073799.D
Acq: 10 Aug 2022 15:45

Tgt Ion: 65 Resp: 243943
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073799.D

Acq: 10 Aug 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

BP-MW158S1-TB-20220808

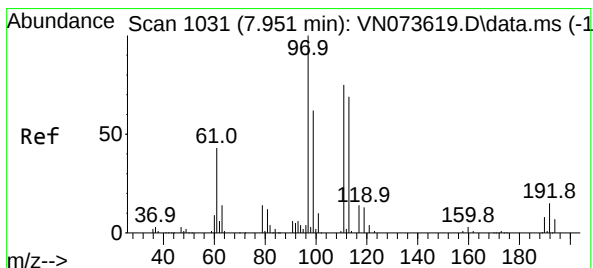
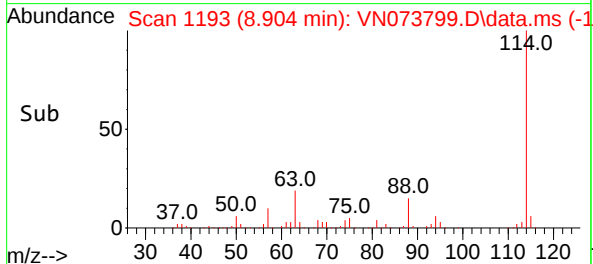
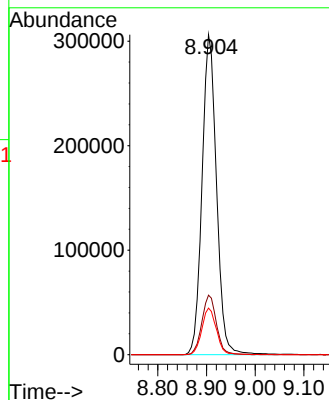
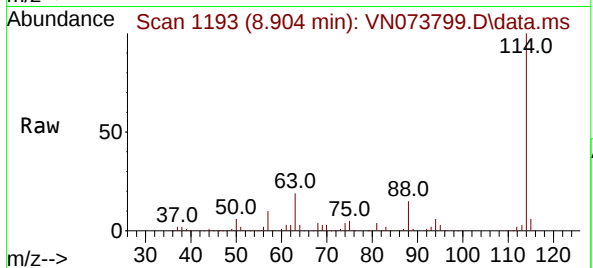
Tgt Ion:114 Resp: 630417

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 58.037 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073799.D

Acq: 10 Aug 2022 15:45

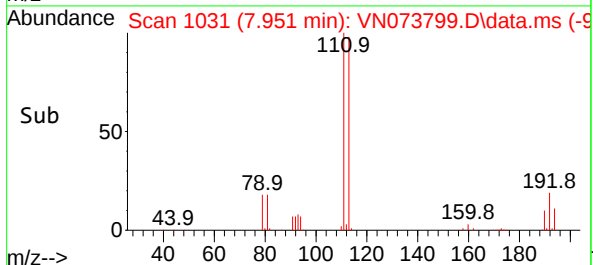
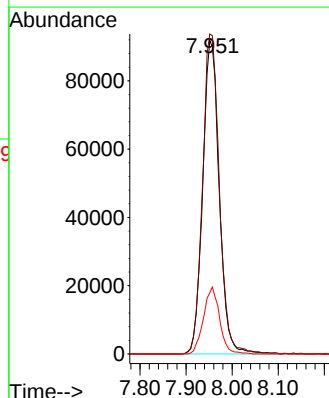
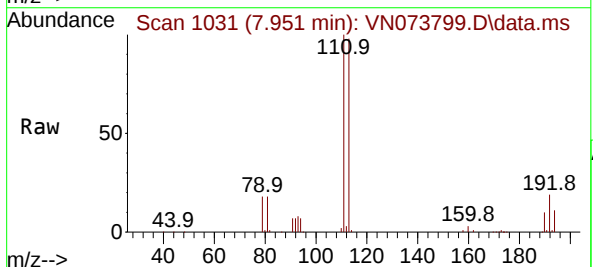
Tgt Ion:113 Resp: 229747

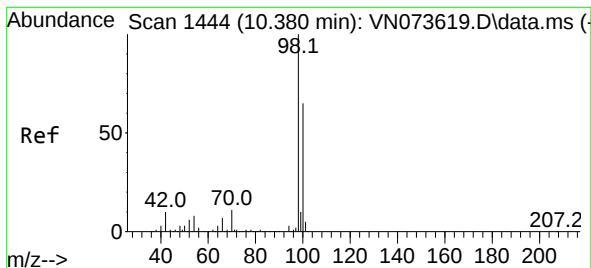
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 20.8 17.0 25.6





#50

Toluene-d8

Concen: 47.705 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073799.D

Acq: 10 Aug 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

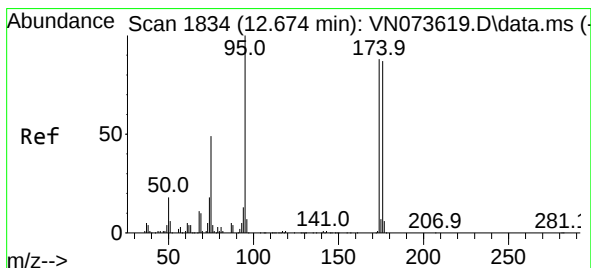
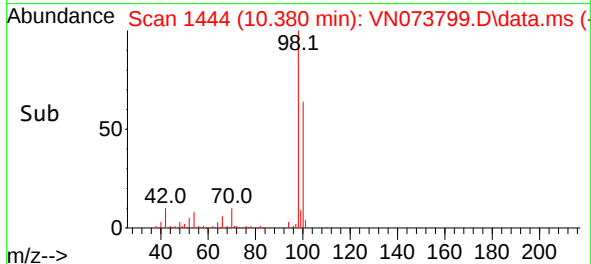
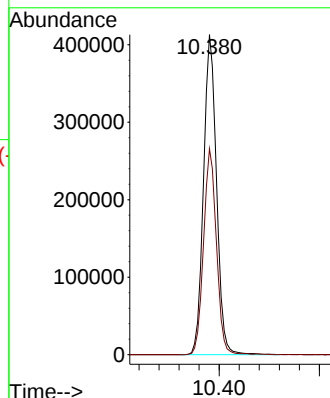
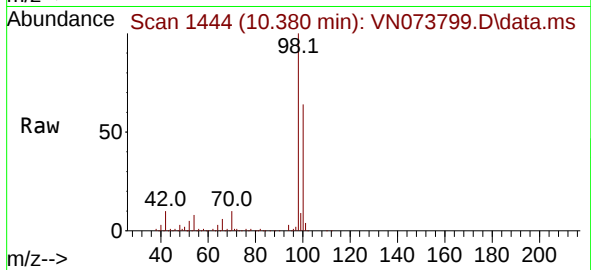
BP-MW158S1-TB-20220808

Tgt Ion: 98 Resp: 743135

Ion Ratio Lower Upper

98 100

100 63.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.338 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN073799.D

Acq: 10 Aug 2022 15:45

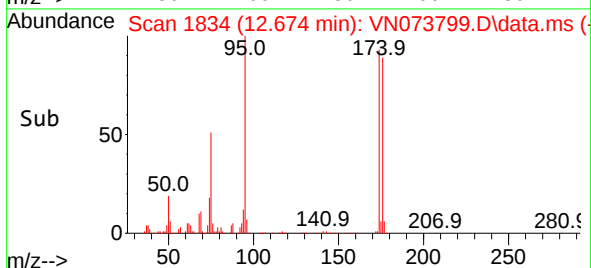
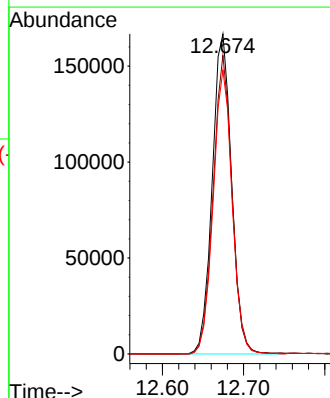
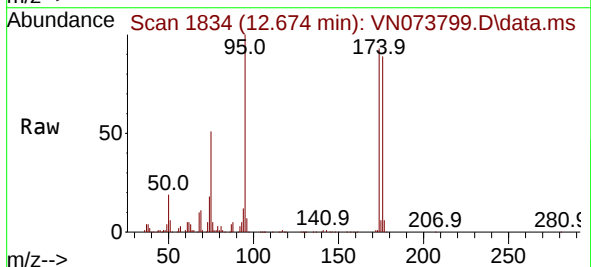
Tgt Ion: 95 Resp: 275382

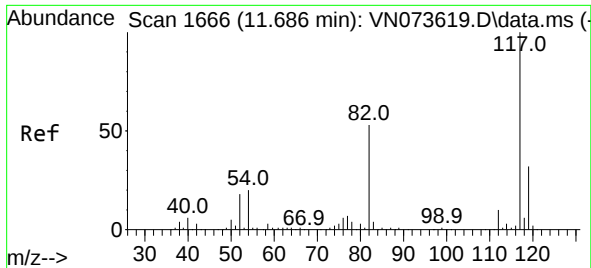
Ion Ratio Lower Upper

95 100

174 91.6 0.0 167.6

176 87.2 0.0 163.4

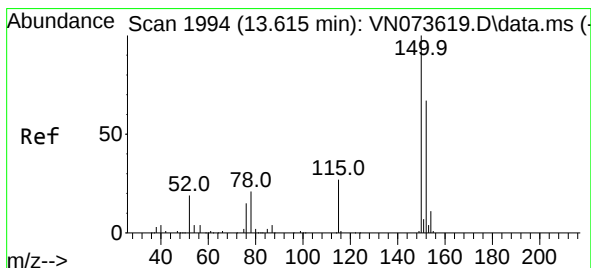
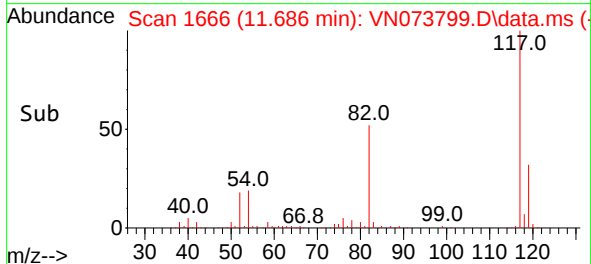
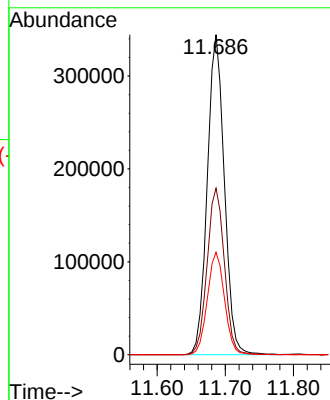
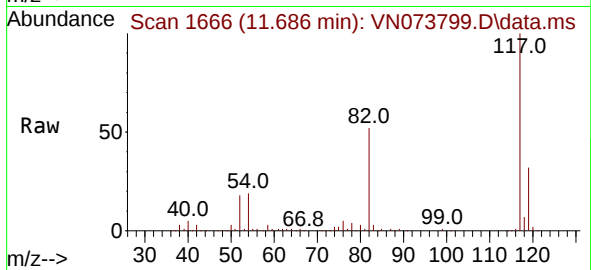




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073799.D
Acq: 10 Aug 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
BP-MW158S1-TB-20220808

Tgt Ion:117 Resp: 599225
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073799.D
Acq: 10 Aug 2022 15:45

Tgt Ion:152 Resp: 292613
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 157.7 0.0 356.2

