

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073656.D
 Acq On : 22 Jun 2022 15:53
 Operator : VA/SY
 Sample : N3421-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-0-2-20220620

Quant Time: Jun 23 09:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	253702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	466687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	431276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	195170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151172	51.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.580%
35) Dibromofluoromethane	7.908	113	156647	46.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.332	98	552689	45.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.620	95	176947	39.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.640%

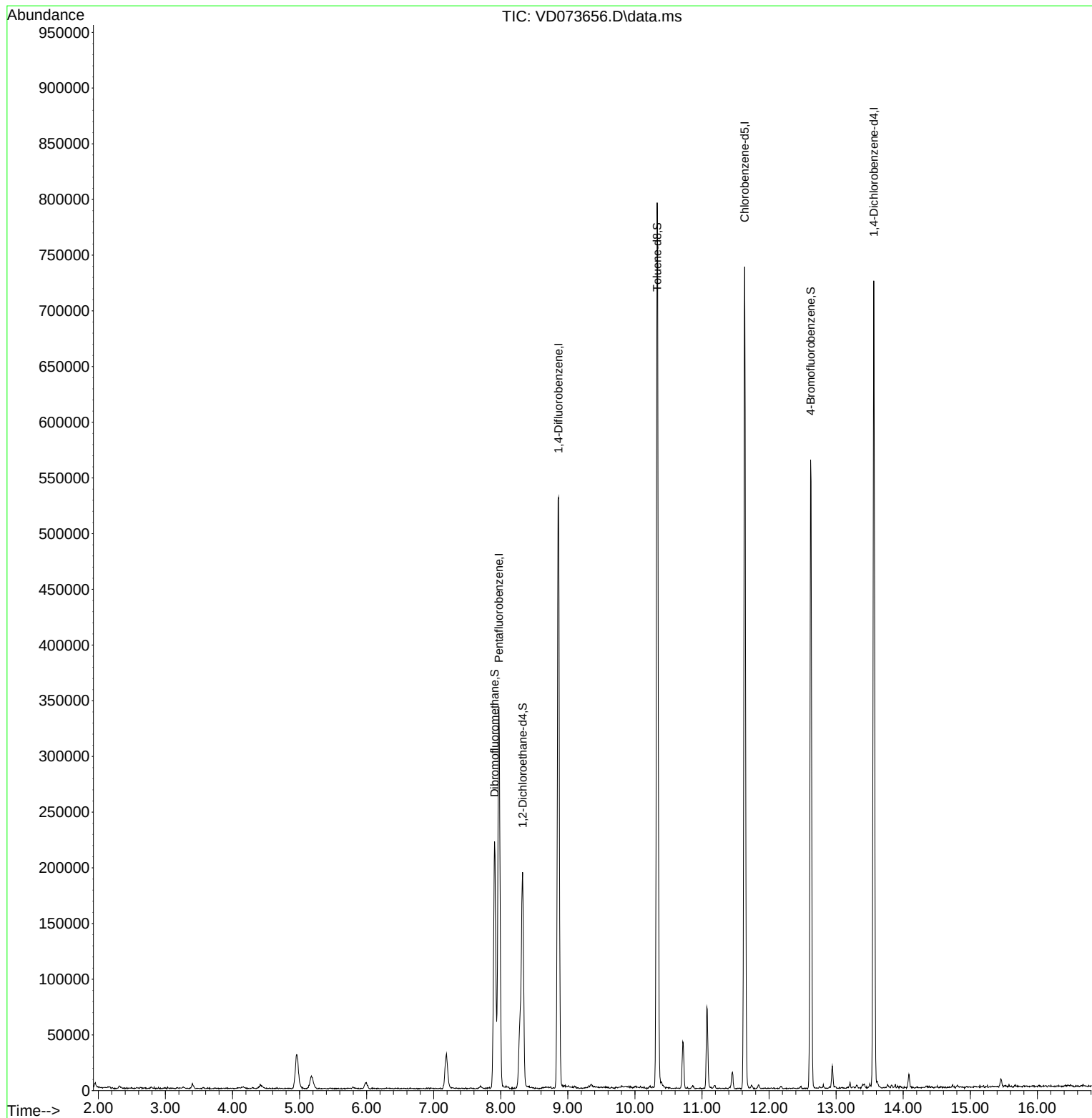
Target Compounds	Qvalue

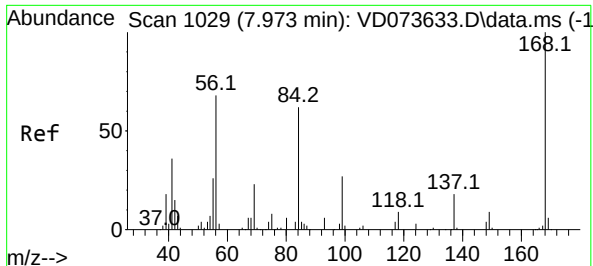
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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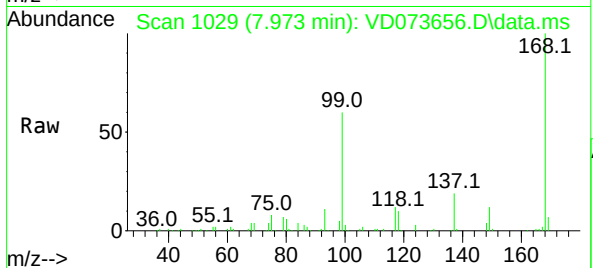
Quant Time: Jun 23 09:28:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
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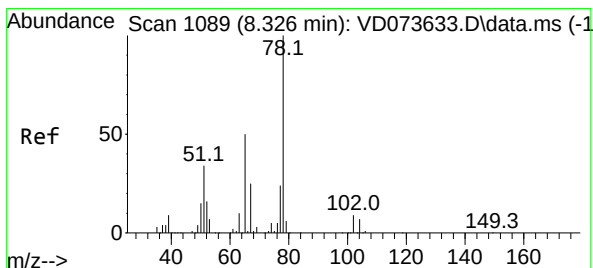
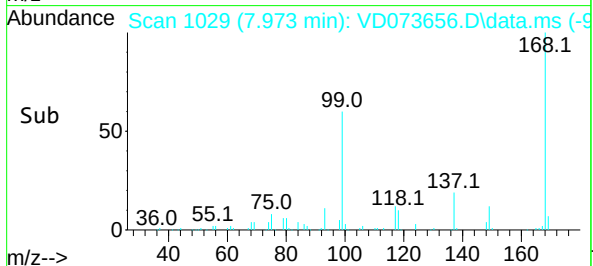
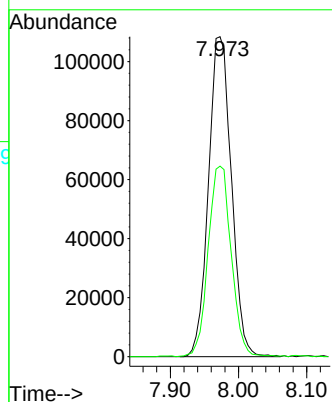


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073656.D
Acq: 22 Jun 2022 15:53

Instrument :
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ClientSampleId :
SB-1-0-2-20220620

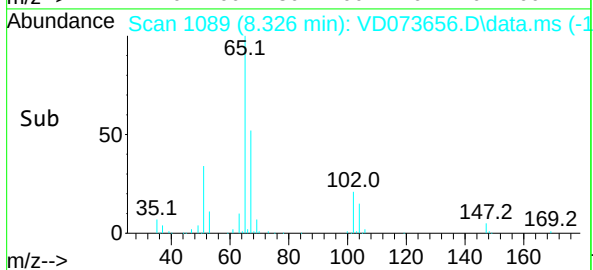
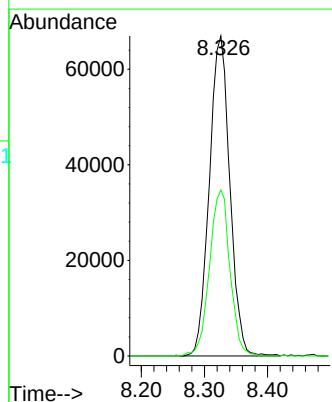
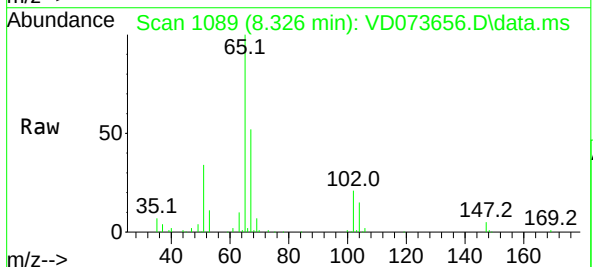


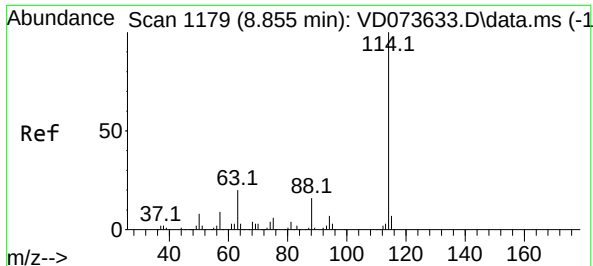
Tgt Ion:168 Resp: 253702
Ion Ratio Lower Upper
168 100
99 59.4 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 51.787 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073656.D
Acq: 22 Jun 2022 15:53

Tgt Ion: 65 Resp: 151172
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073656.D

Acq: 22 Jun 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

SB-1-0-2-20220620

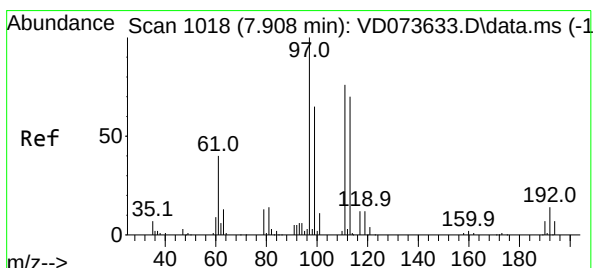
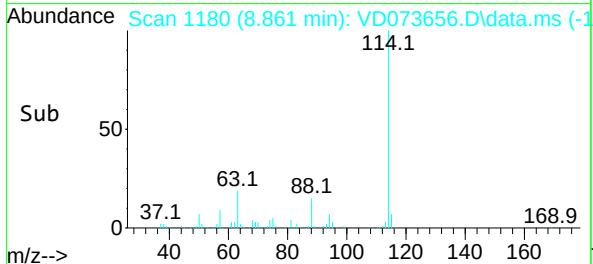
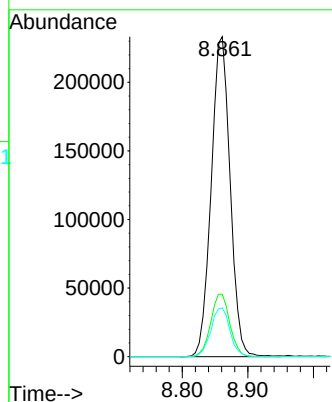
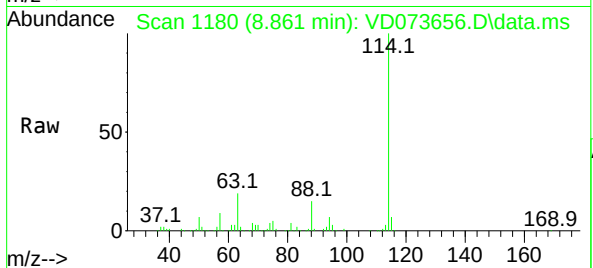
Tgt Ion:114 Resp: 466687

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.269 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073656.D

Acq: 22 Jun 2022 15:53

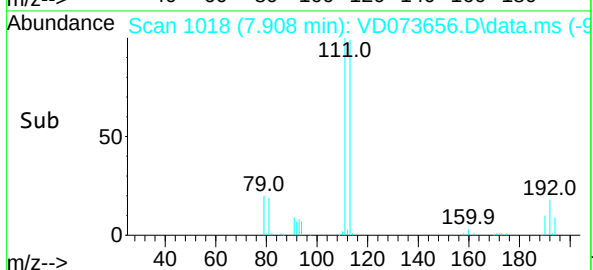
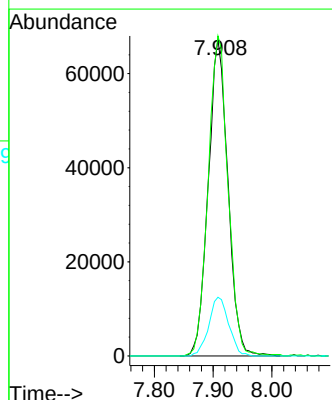
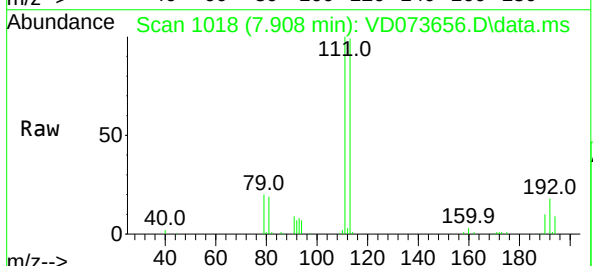
Tgt Ion:113 Resp: 156647

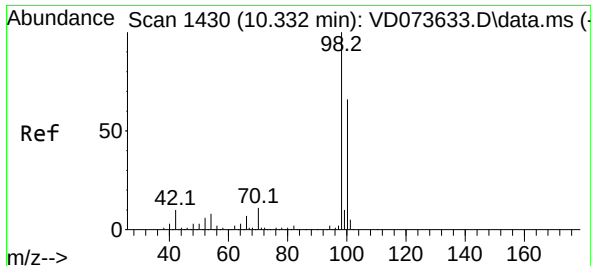
Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

192 18.8 14.3 21.5

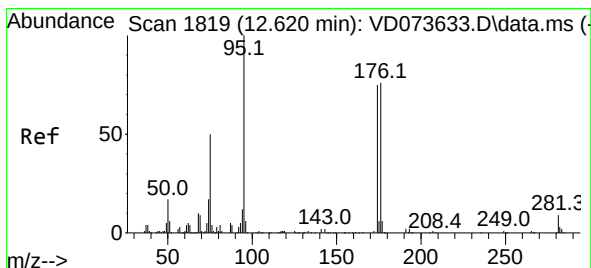
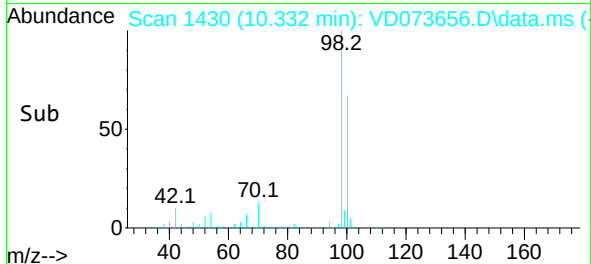
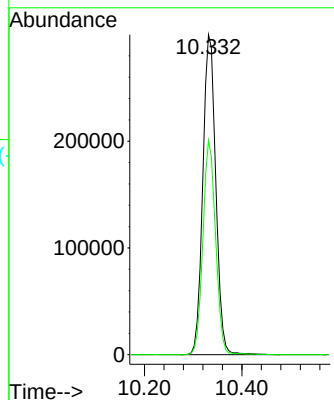
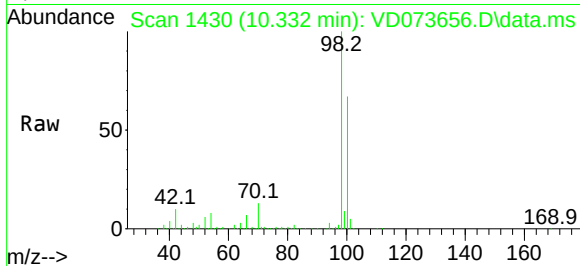




#50
Toluene-d8
Concen: 45.611 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073656.D
Acq: 22 Jun 2022 15:53

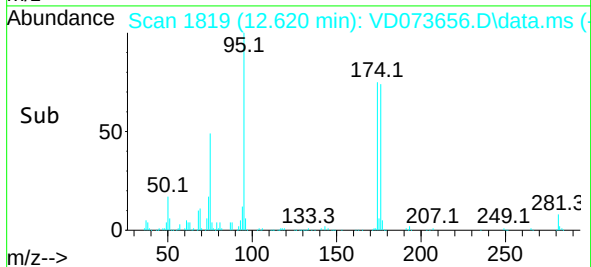
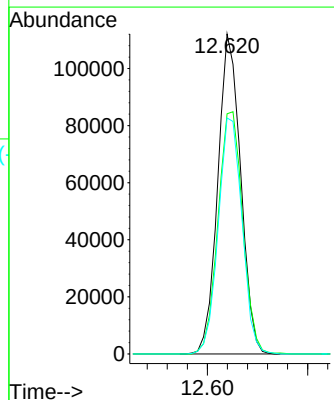
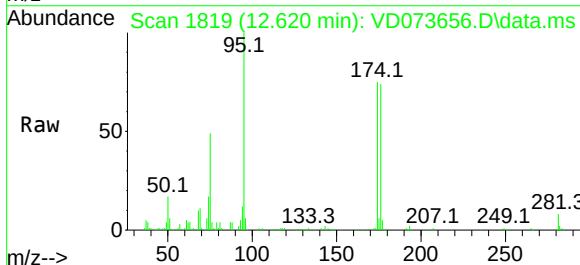
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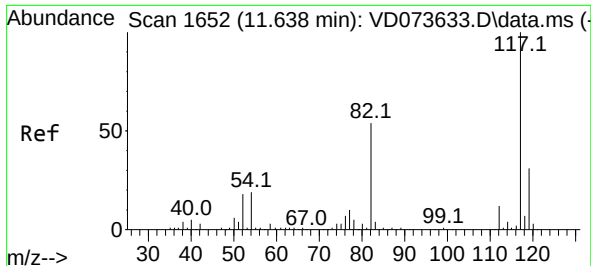
Tgt Ion: 98 Resp: 552689
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 39.819 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073656.D
Acq: 22 Jun 2022 15:53

Tgt Ion: 95 Resp: 176947
Ion Ratio Lower Upper
95 100
174 81.8 0.0 156.4
176 76.8 0.0 151.8

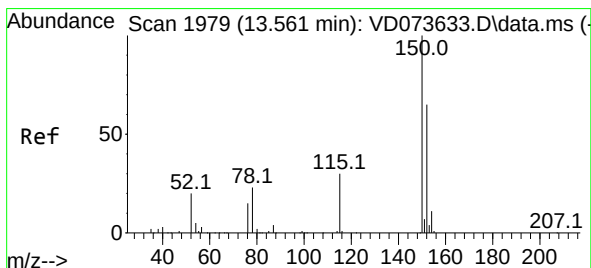
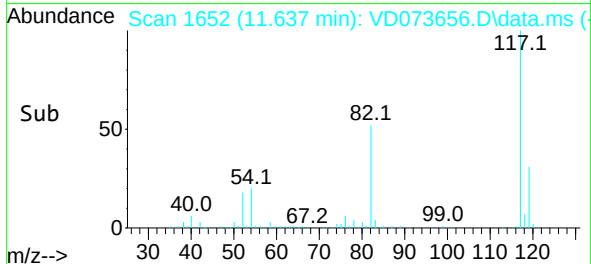
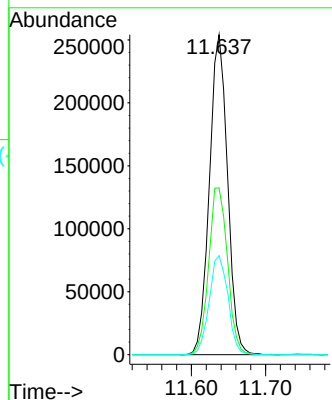
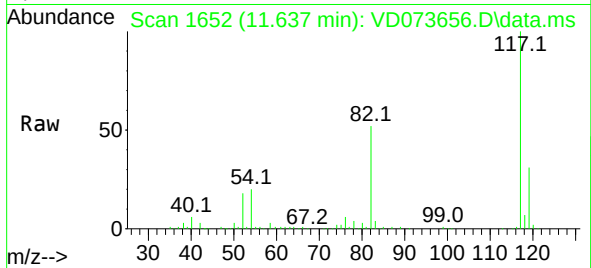




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073656.D
Acq: 22 Jun 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
SB-1-0-2-20220620

Tgt Ion:117 Resp: 431276
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.0 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073656.D
Acq: 22 Jun 2022 15:53

Tgt Ion:152 Resp: 195170
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.9
150 156.5 0.0 351.2

