

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073693.D
 Acq On : 24 Jun 2022 17:55
 Operator : VA/SY
 Sample : N3477-01
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-062322

Quant Time: Jun 25 07:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	139353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	269107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	287985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	139149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	116466	68.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.100%
35) Dibromofluoromethane	7.908	113	103426	49.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.332	98	335306	44.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.620	95	130343	46.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.340%

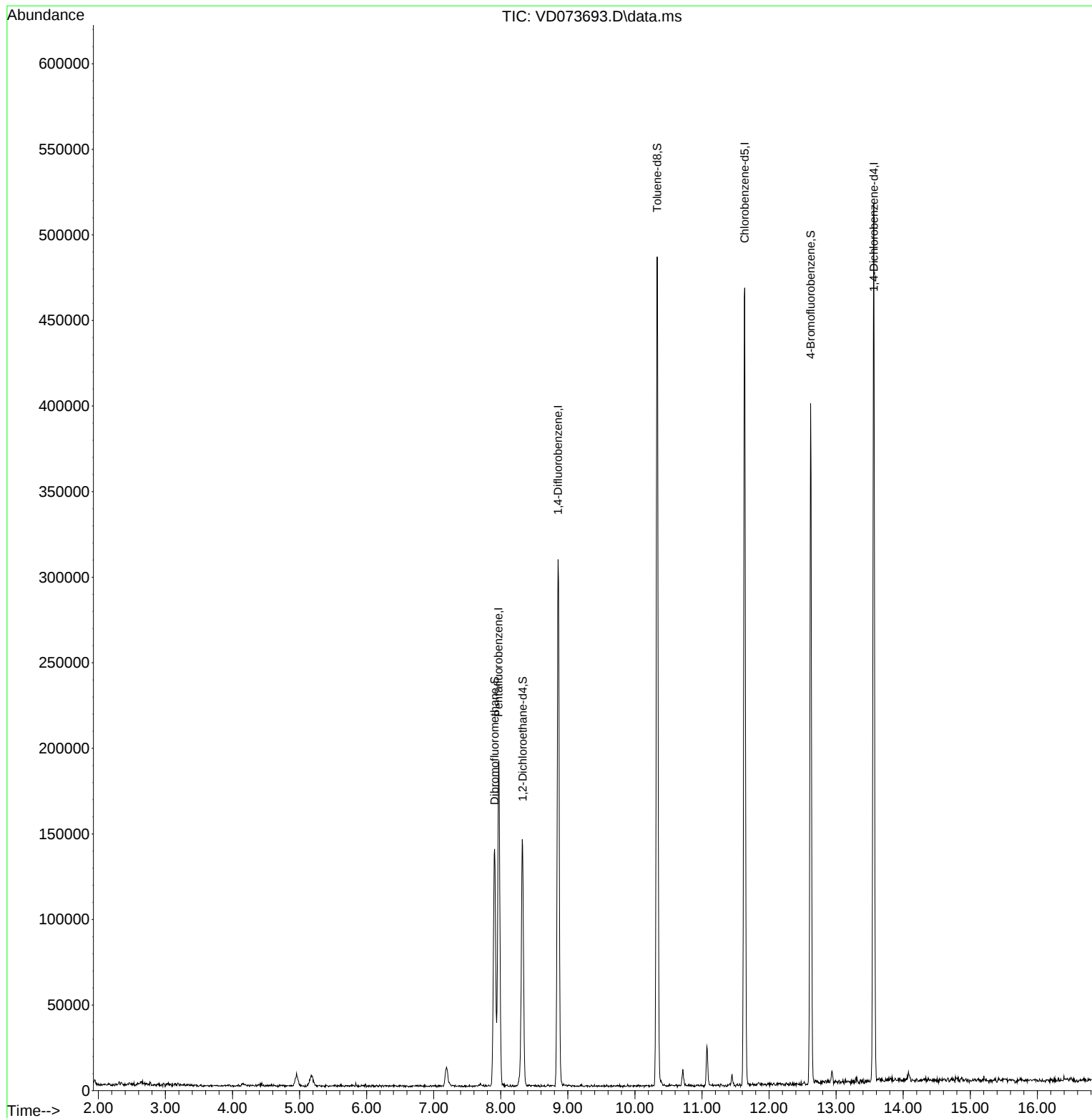
Target Compounds	Qvalue

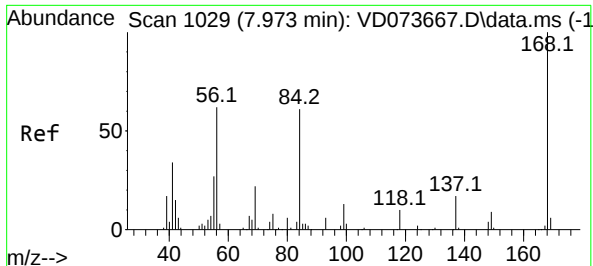
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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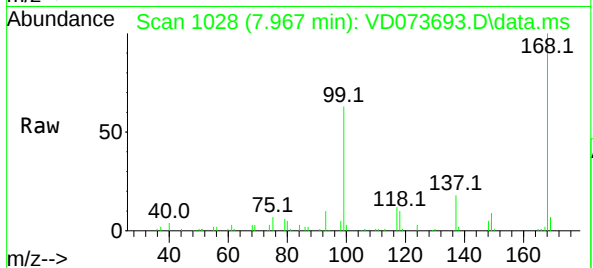
Quant Time: Jun 25 07:23:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
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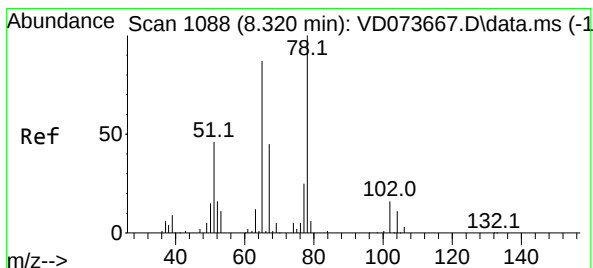
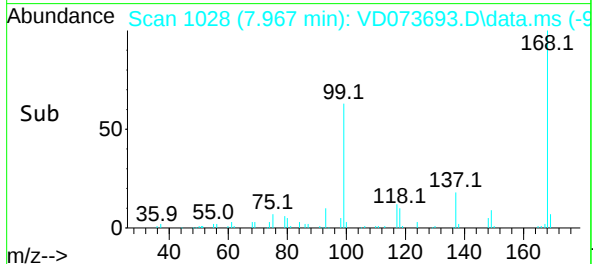
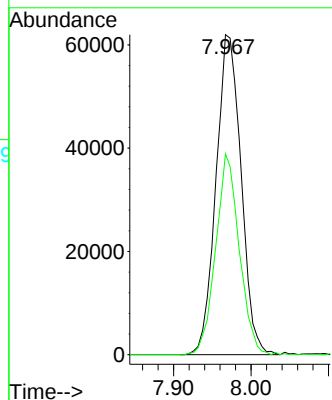


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

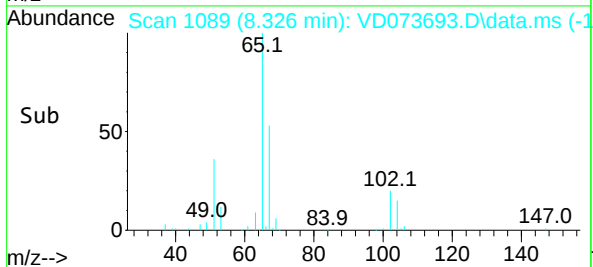
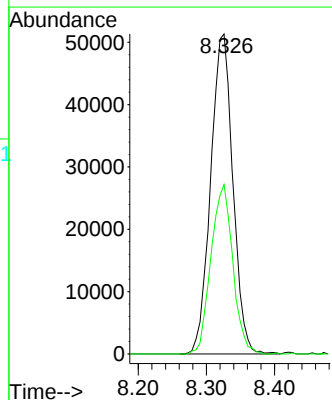
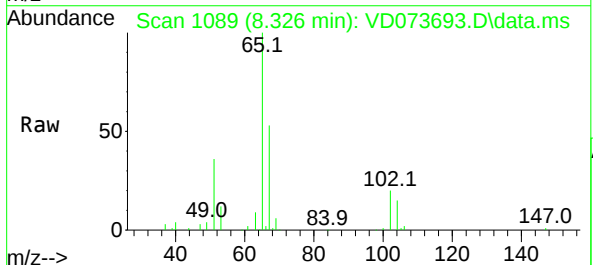


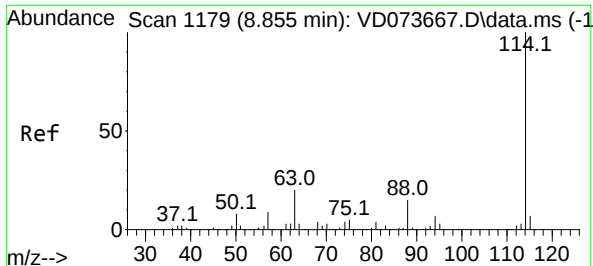
Tgt Ion:168 Resp: 139353
Ion Ratio Lower Upper
168 100
99 62.7 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 68.046 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 65 Resp: 116466
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073693.D

Acq: 24 Jun 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

HR-01-062322

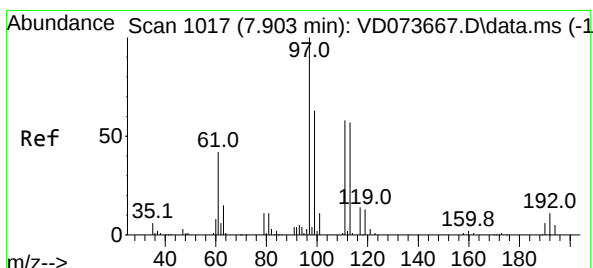
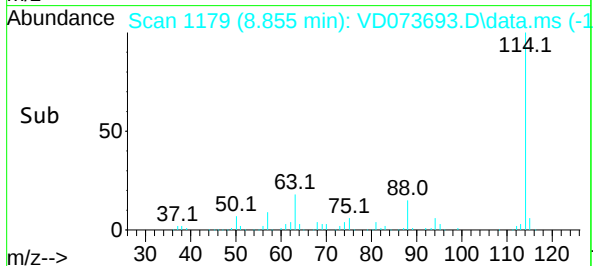
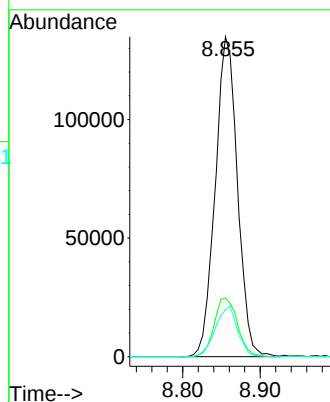
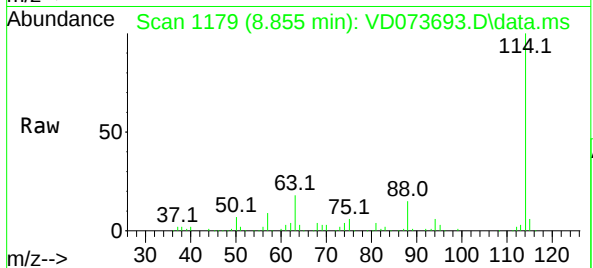
Tgt Ion:114 Resp: 269107

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073693.D

Acq: 24 Jun 2022 17:55

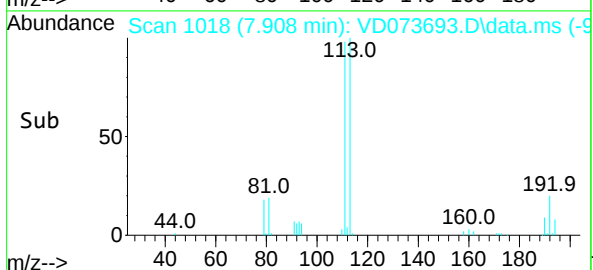
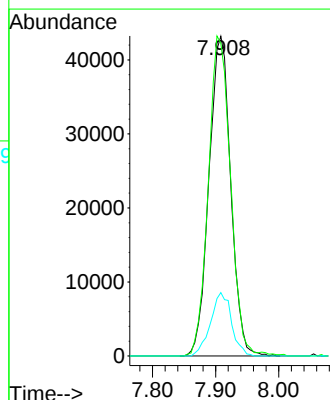
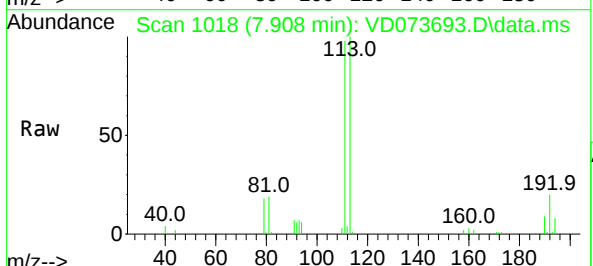
Tgt Ion:113 Resp: 103426

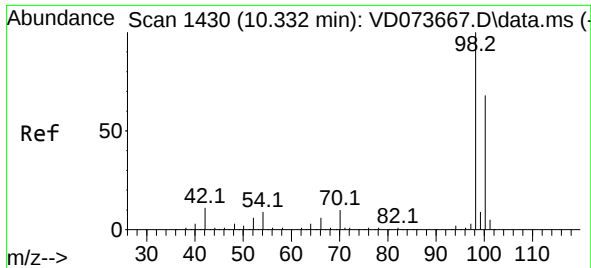
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

192 19.2 14.8 22.2

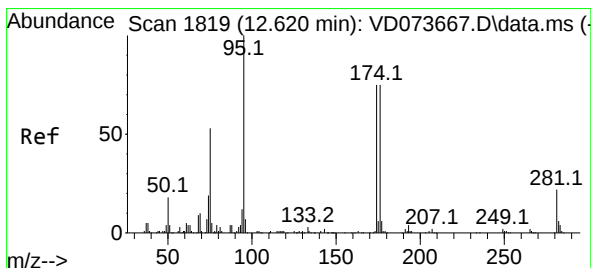
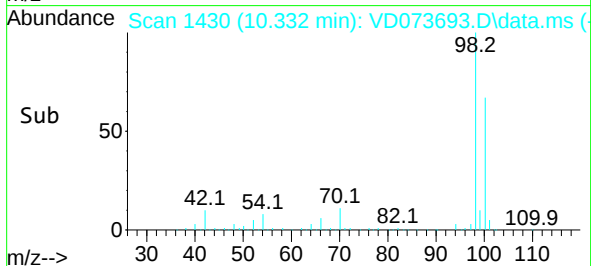
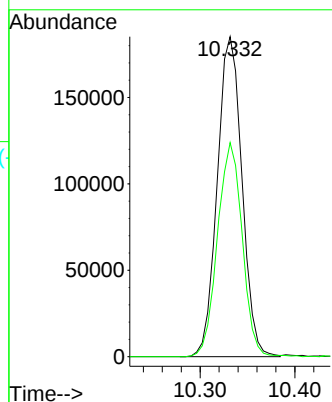
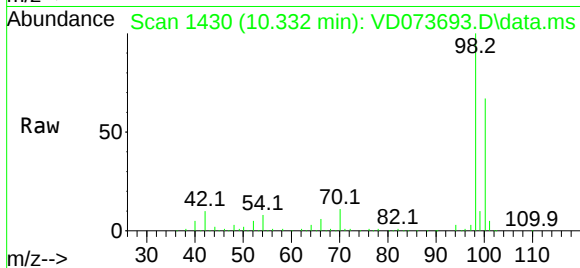




#50
Toluene-d8
Concen: 44.547 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

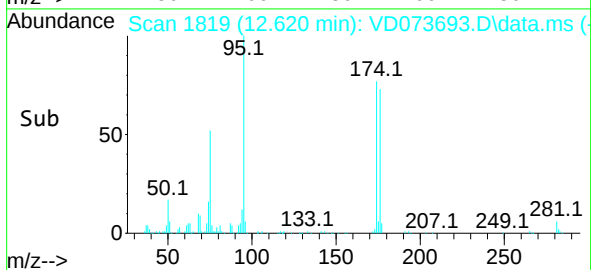
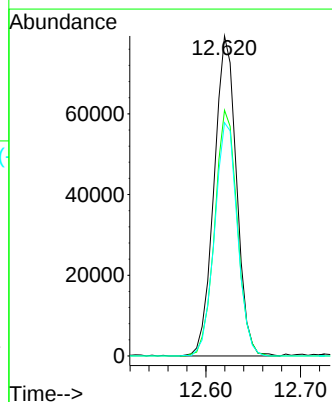
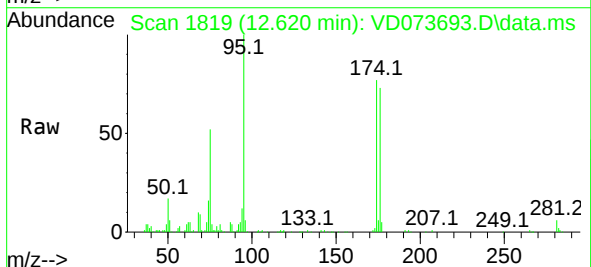
Instrument :
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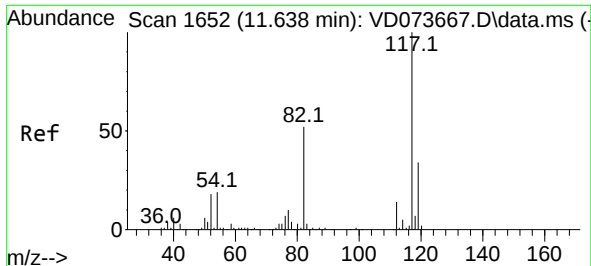
Tgt Ion: 98 Resp: 335306
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 46.170 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 95 Resp: 130343
Ion Ratio Lower Upper
95 100
174 76.8 0.0 158.4
176 74.1 0.0 154.8

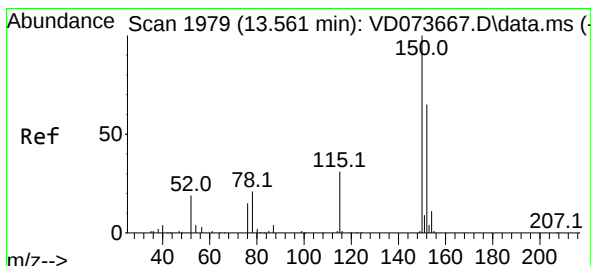
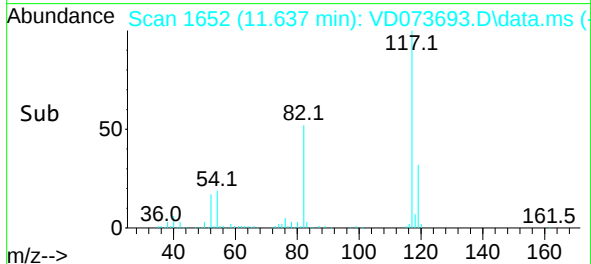
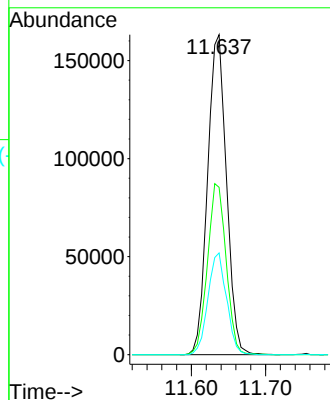
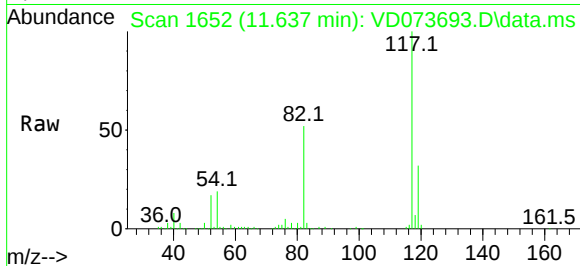




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

Tgt Ion:117 Resp: 287985
Ion Ratio Lower Upper
117 100
82 52.3 41.5 62.3
119 31.8 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion:152 Resp: 139149
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 156.1 0.0 355.0

