

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071890.D
 Acq On : 03 Feb 2022 13:52
 Operator : VA/SY
 Sample : N1382-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-BUILDING

Quant Time: Feb 04 00:50:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	231479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	432322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	437833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	195320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200598	68.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.120%
35) Dibromofluoromethane	7.909	113	161192	56.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.440%
50) Toluene-d8	10.332	98	556945	52.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.960%
62) 4-Bromofluorobenzene	12.620	95	191659	51.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.420%

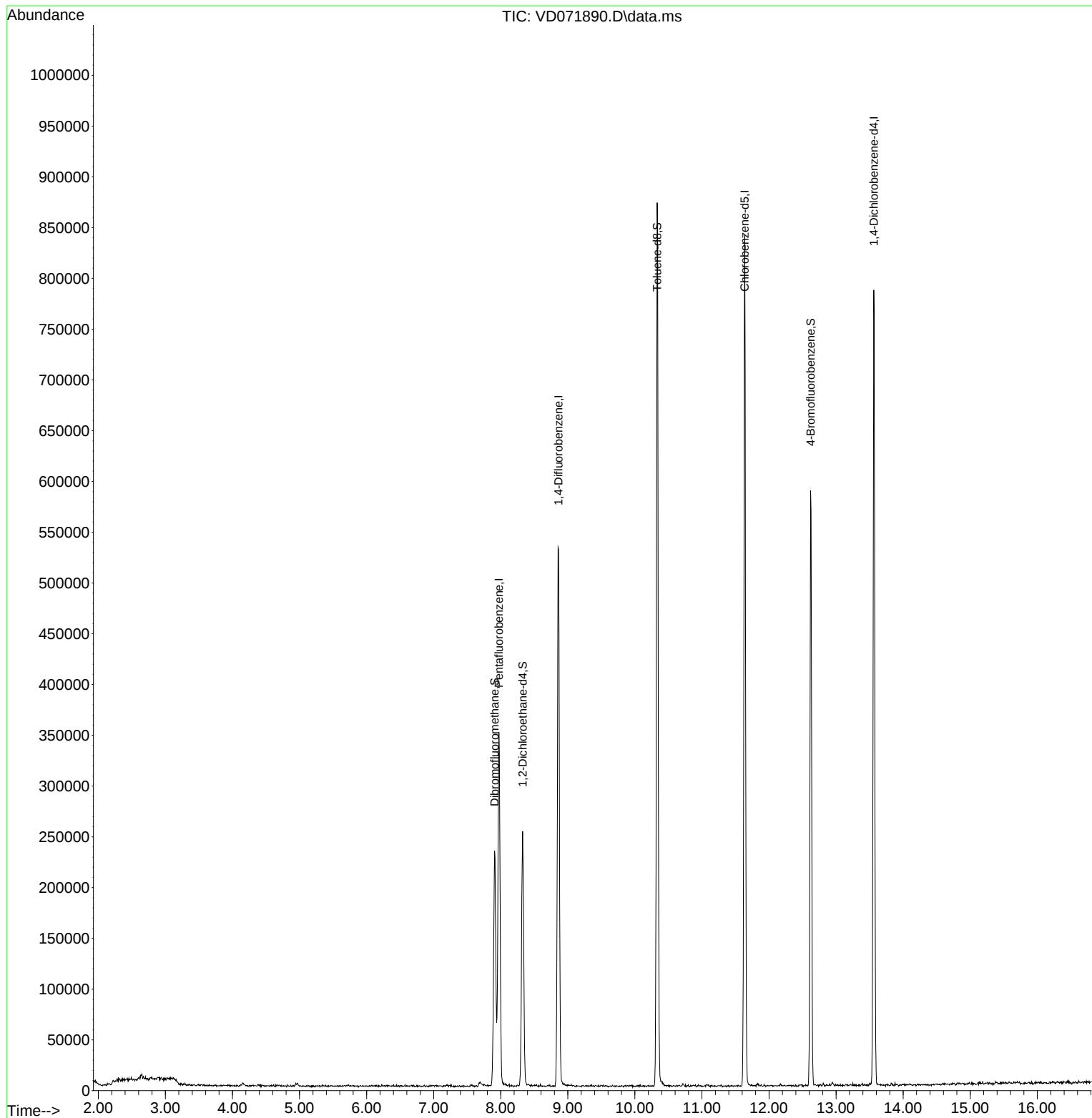
Target Compounds	Qvalue

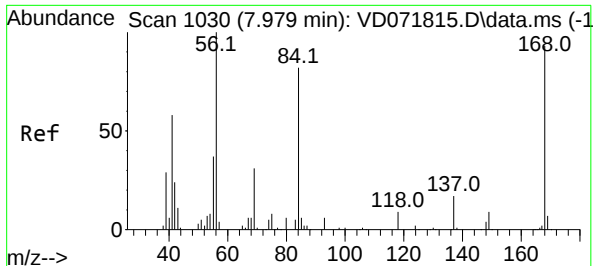
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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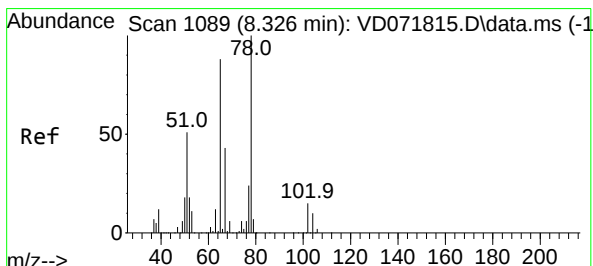
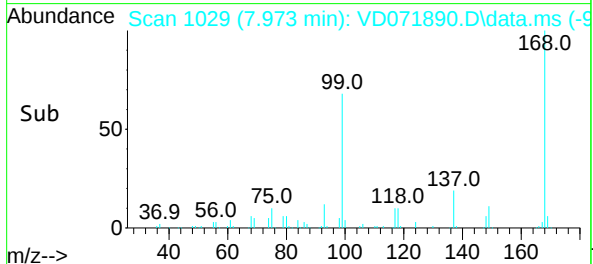
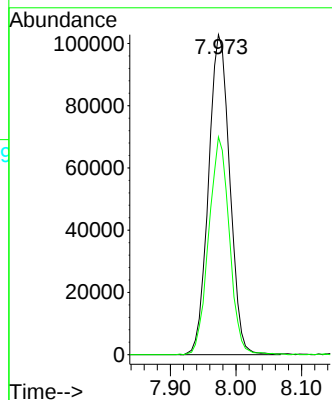
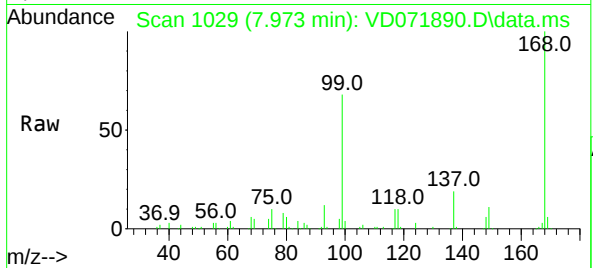




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

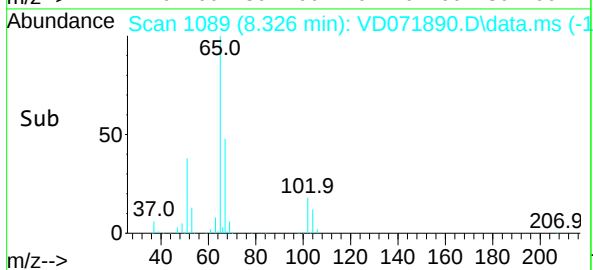
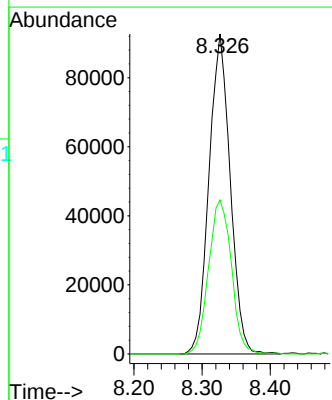
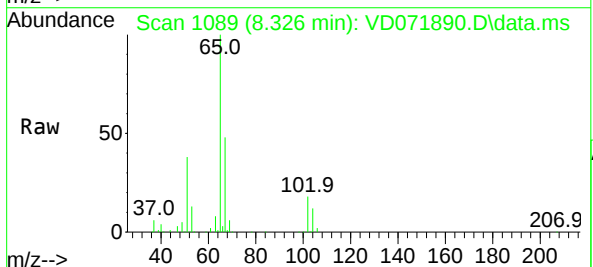
Instrument :
MSVOA_D
ClientSampleId :
WASTE-BUILDING

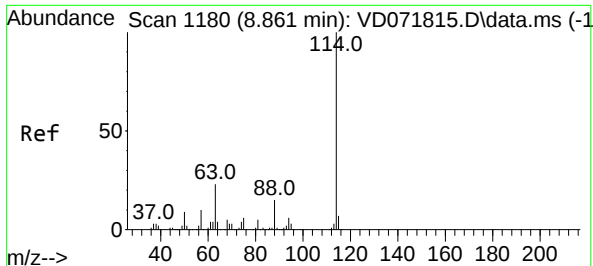
Tgt Ion:168 Resp: 231479
Ion Ratio Lower Upper
168 100
99 67.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 68.562 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Tgt Ion: 65 Resp: 200598
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071890.D

Acq: 03 Feb 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

WASTE-BUILDING

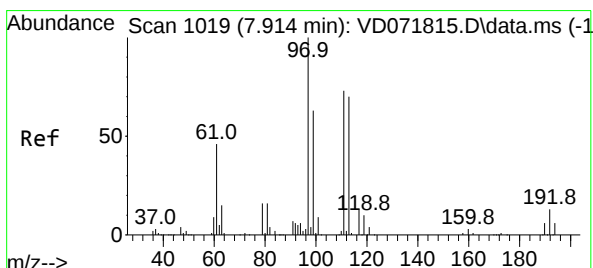
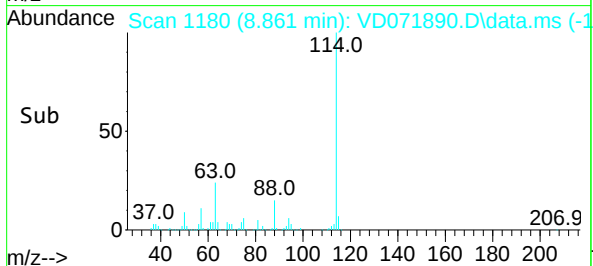
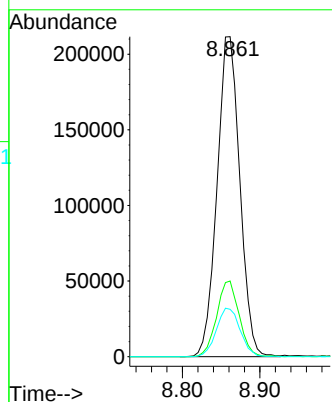
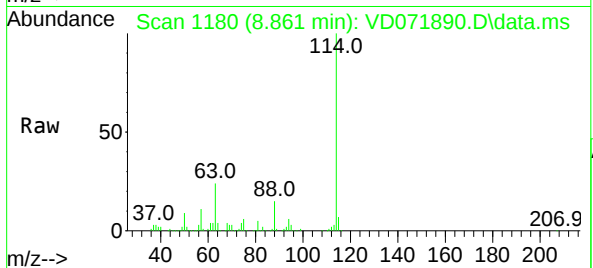
Tgt Ion:114 Resp: 432322

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.722 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071890.D

Acq: 03 Feb 2022 13:52

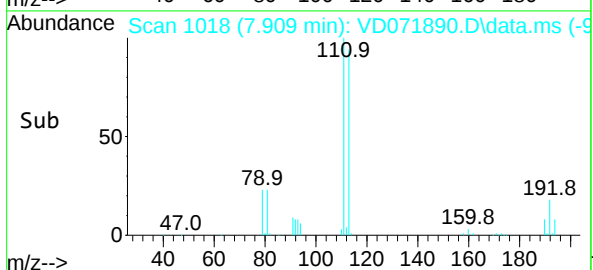
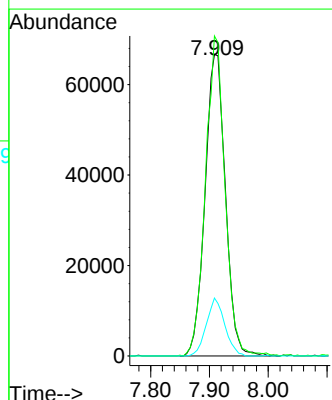
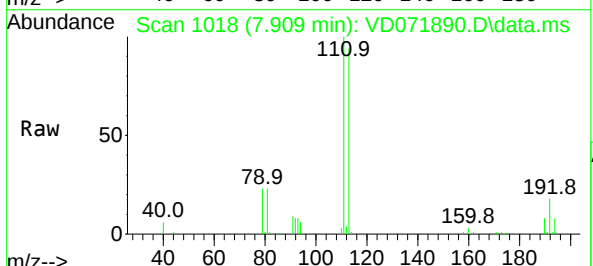
Tgt Ion:113 Resp: 161192

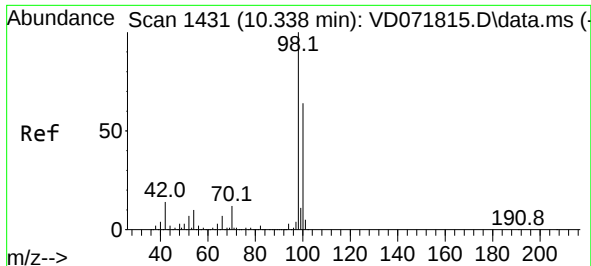
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.4 14.6 21.8

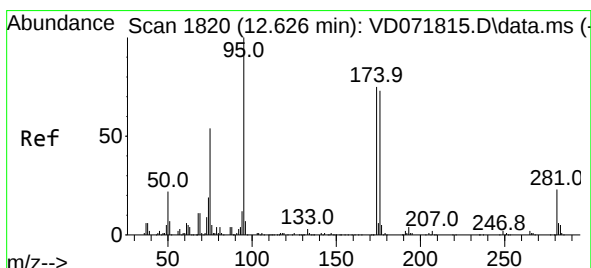
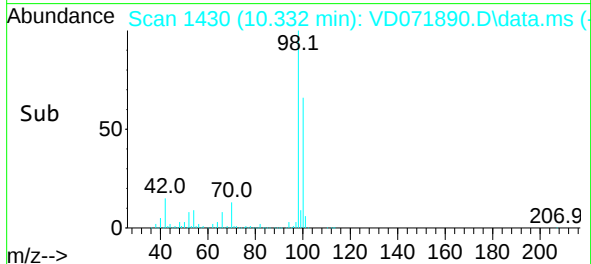
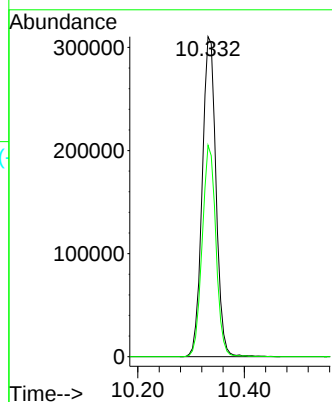
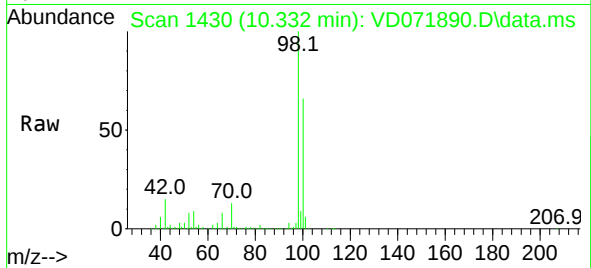




#50
Toluene-d8
Concen: 52.477 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

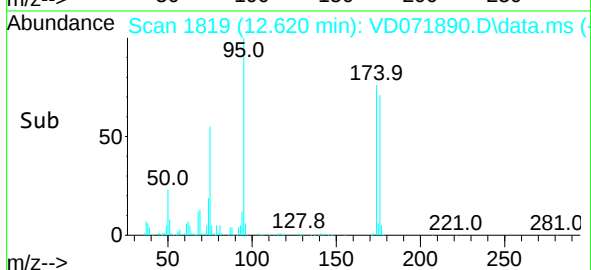
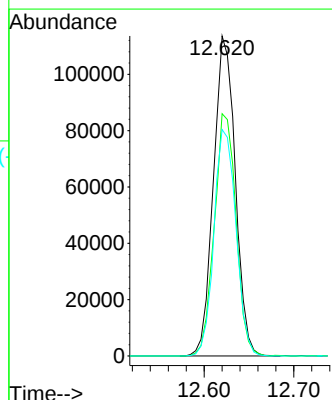
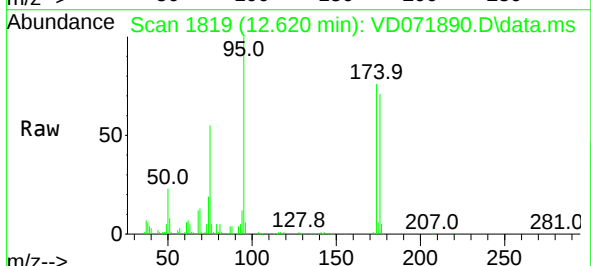
Instrument :
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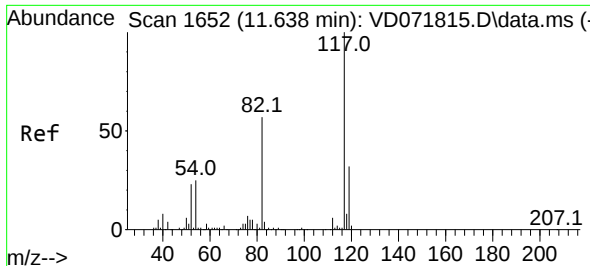
Tgt Ion: 98 Resp: 556945
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.713 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Tgt Ion: 95 Resp: 191659
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 71.4 0.0 145.4

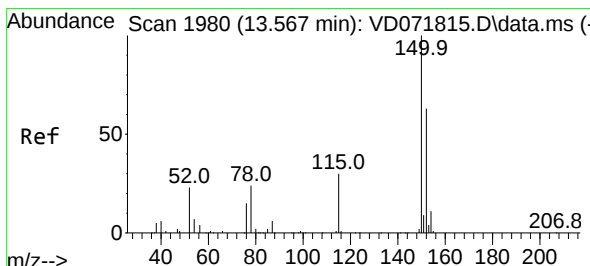
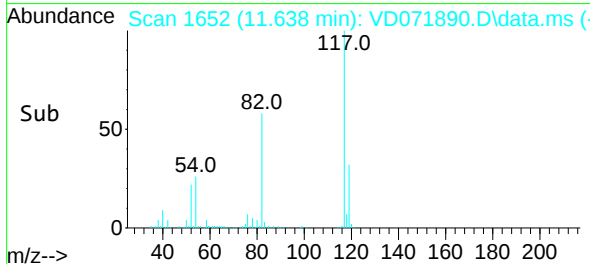
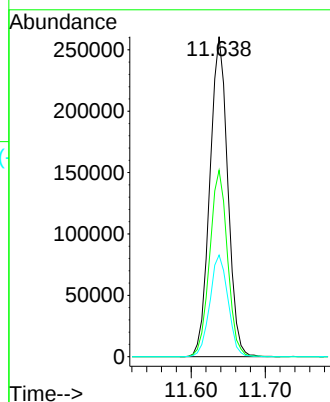
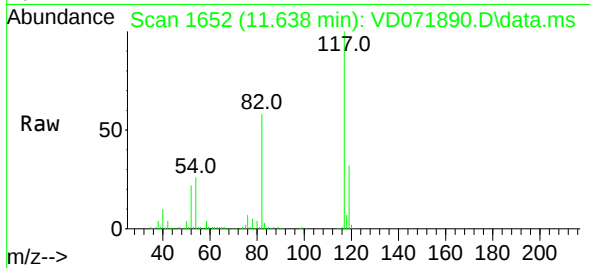




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :
WASTE-BUILDING

Tgt Ion:117 Resp: 437833
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071890.D
Acq: 03 Feb 2022 13:52

Tgt Ion:152 Resp: 195320
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 156.3 0.0 348.6

