

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070706.D
 Acq On : 13 Oct 2021 19:12
 Operator : VA/SY
 Sample : M4195-01
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAR-SOILPILE

Quant Time: Oct 14 04:05:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

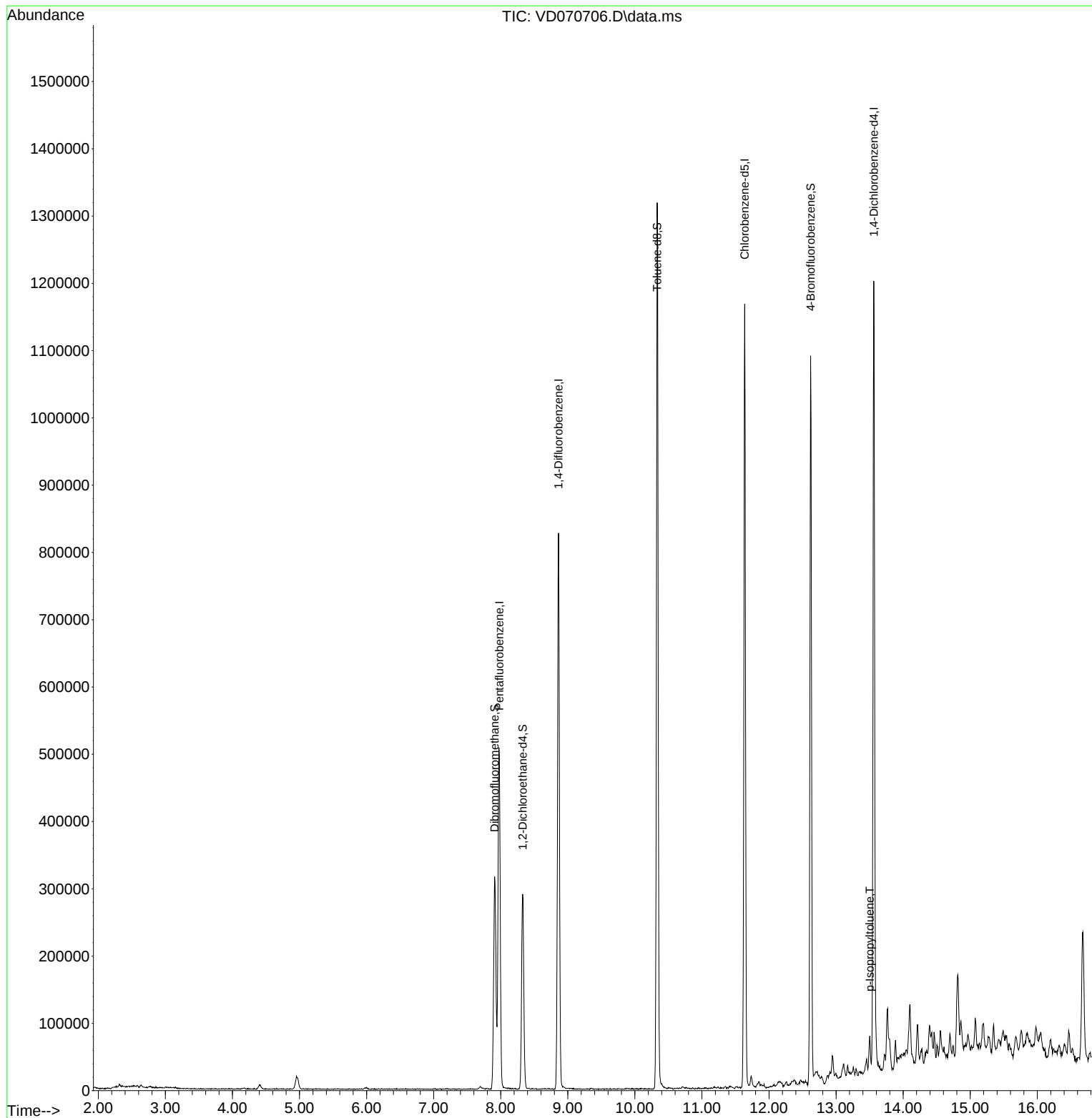
Internal Standards						
1) Pentafluorobenzene	7.979	168	371893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	708067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	315986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233404	53.329	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.660%		
35) Dibromofluoromethane	7.909	113	236832	50.308	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.620%		
50) Toluene-d8	10.332	98	905188	50.298	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.600%		
62) 4-Bromofluorobenzene	12.620	95	318974	53.031	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.060%		
Target Compounds						
					Qvalue	
86) p-Isopropyltoluene	13.502	119	26971	1.312	ug/l	98

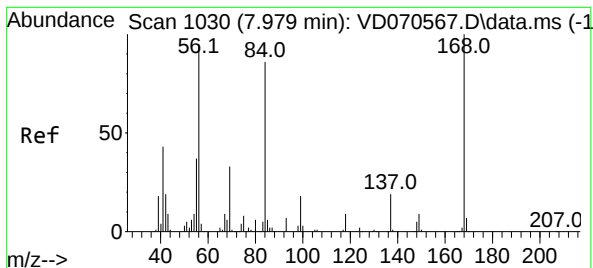
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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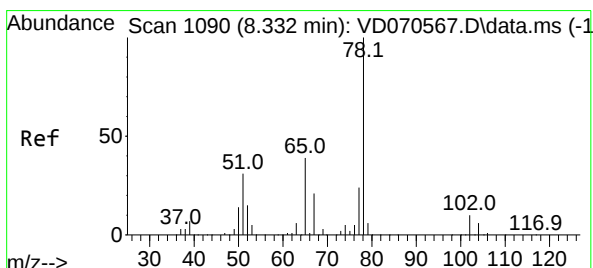
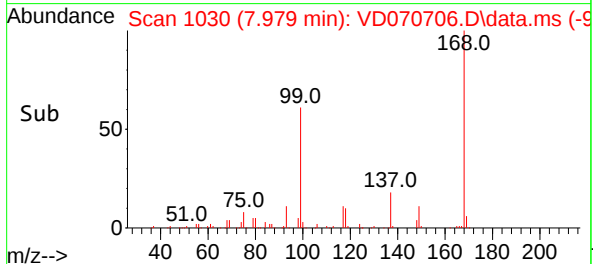
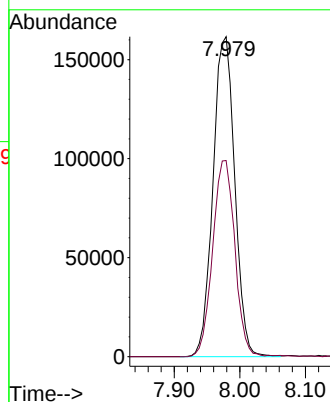
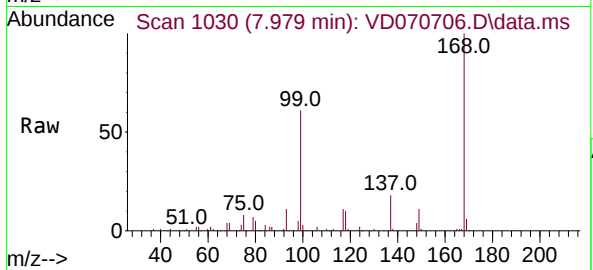




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

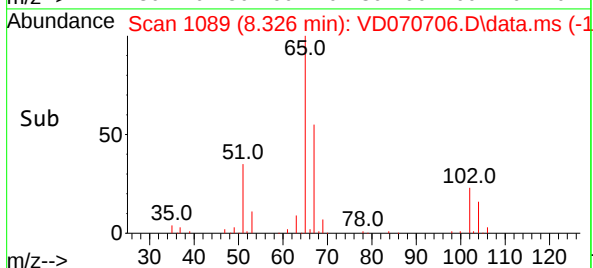
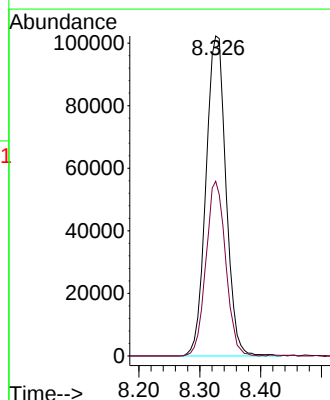
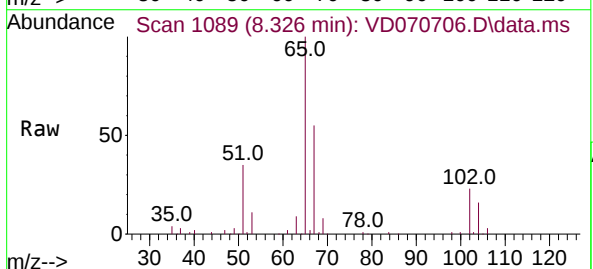
Instrument :
MSVOA_D
ClientSampleId :
HAR-SOILPILE

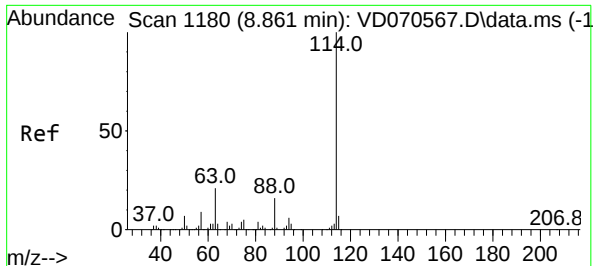
Tgt Ion:168 Resp: 371893
Ion Ratio Lower Upper
168 100
99 61.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.329 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 65 Resp: 233404
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070706.D

Acq: 13 Oct 2021 19:12

Instrument :

MSVOA_D

ClientSampleId :

HAR-SOILPILE

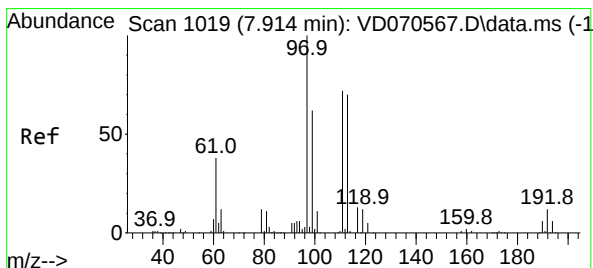
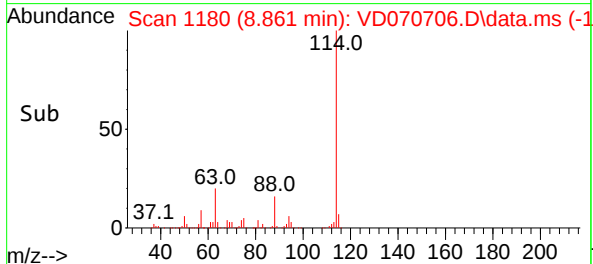
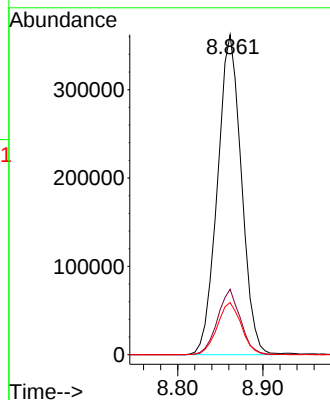
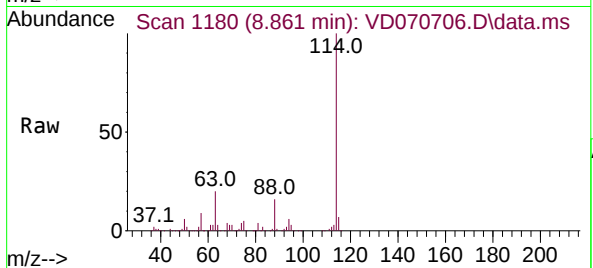
Tgt Ion:114 Resp: 708067

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.308 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070706.D

Acq: 13 Oct 2021 19:12

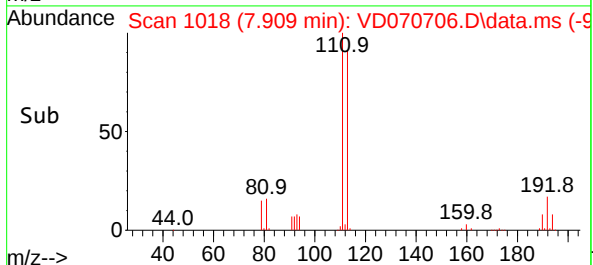
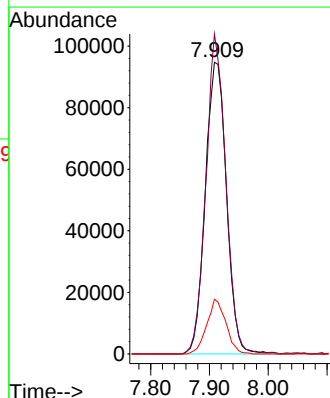
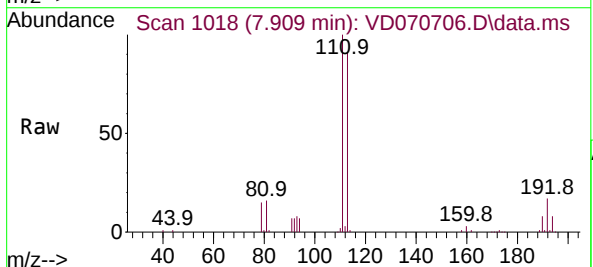
Tgt Ion:113 Resp: 236832

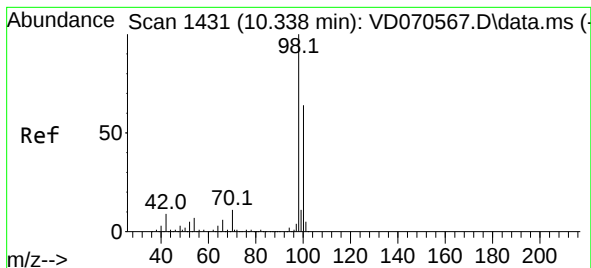
Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

192 17.0 12.7 19.1

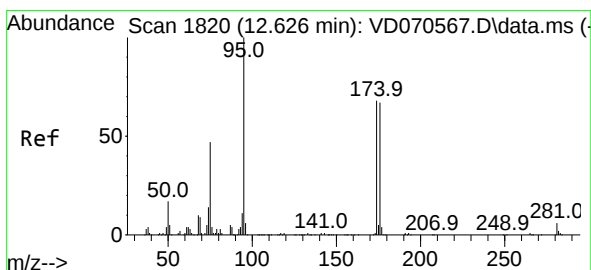
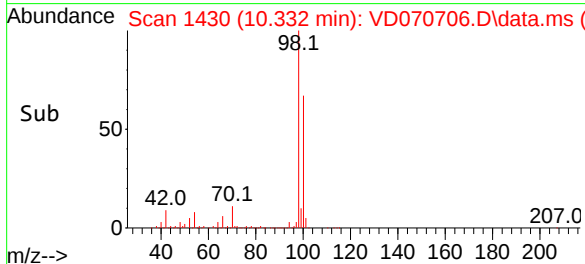
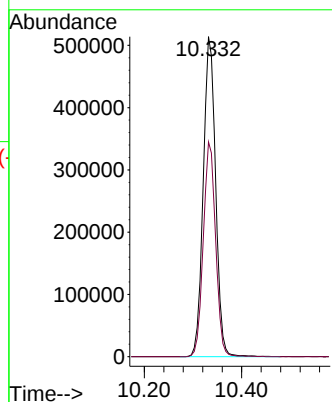
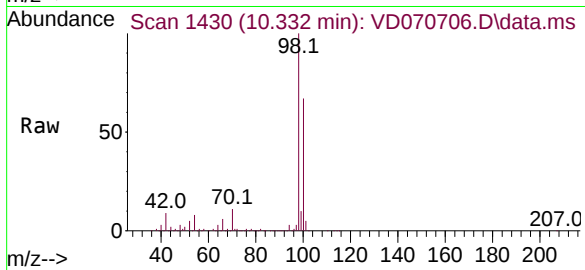




#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

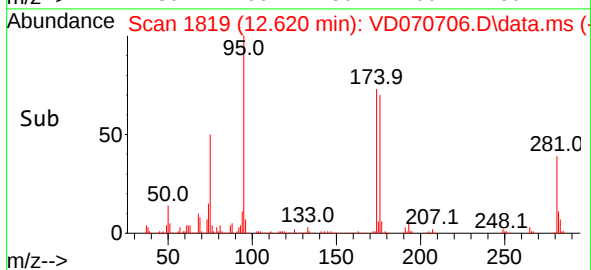
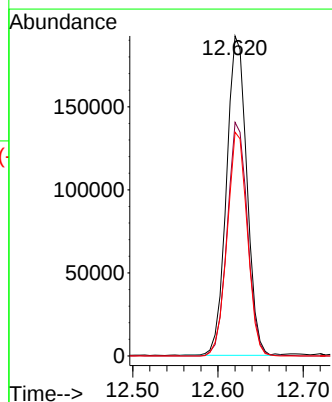
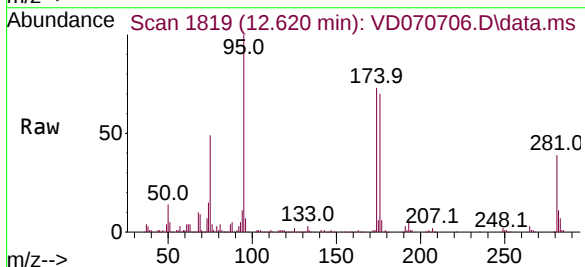
Instrument :
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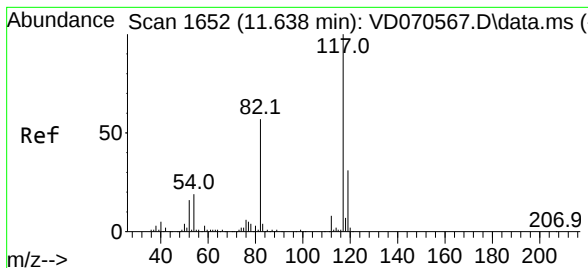
Tgt Ion: 98 Resp: 905188
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.031 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 95 Resp: 318974
Ion Ratio Lower Upper
95 100
174 72.9 0.0 138.0
176 69.4 0.0 135.6

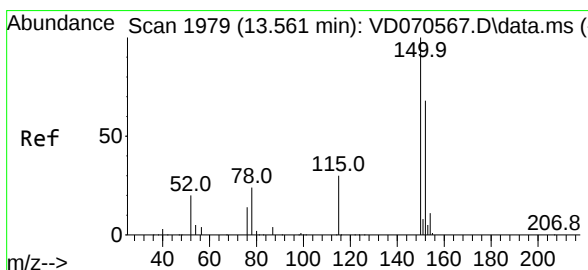
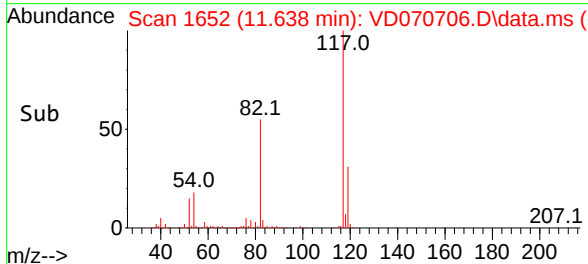
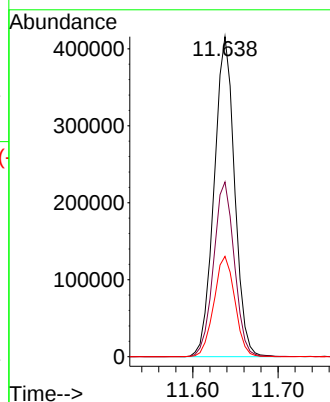
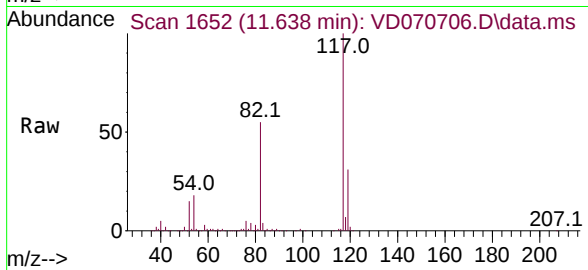




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

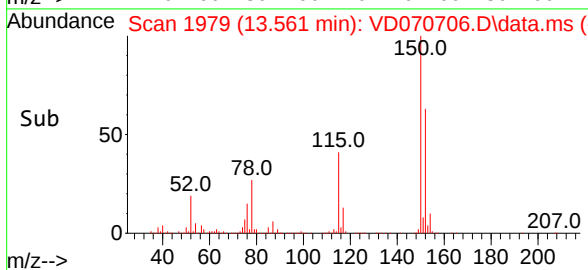
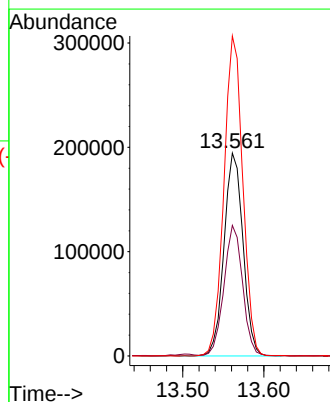
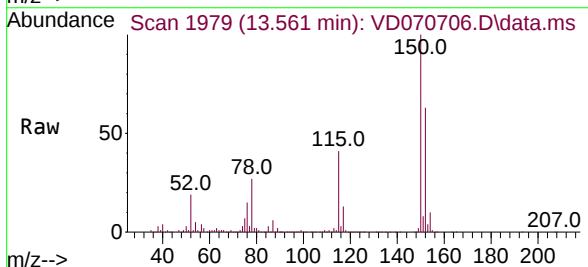
Instrument :
MSVOA_D
ClientSampleId :
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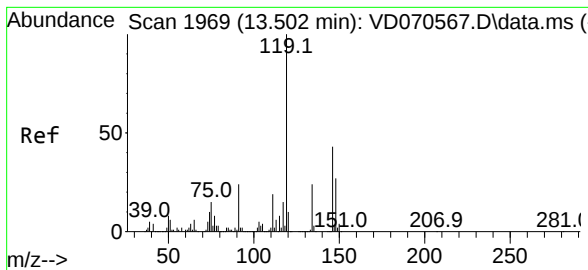
Tgt Ion:117 Resp: 693483
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.2
119 31.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion:152 Resp: 315986
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 156.4 0.0 350.0





#86
 p-Isopropyltoluene
 Concen: 1.312 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070706.D
 Acq: 13 Oct 2021 19:12

Instrument :
 MSVOA_D
 ClientSampleId :
 HAR-SOILPILE

Tgt Ion:	119	Resp:	26971
Ion	Ratio	Lower	Upper
119	100		
134	24.4	12.5	37.5
91	22.7	11.9	35.5

