

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070909.D
 Acq On : 03 Nov 2021 14:36
 Operator : VA/SY
 Sample : M4454-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30858

Quant Time: Nov 03 22:10:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

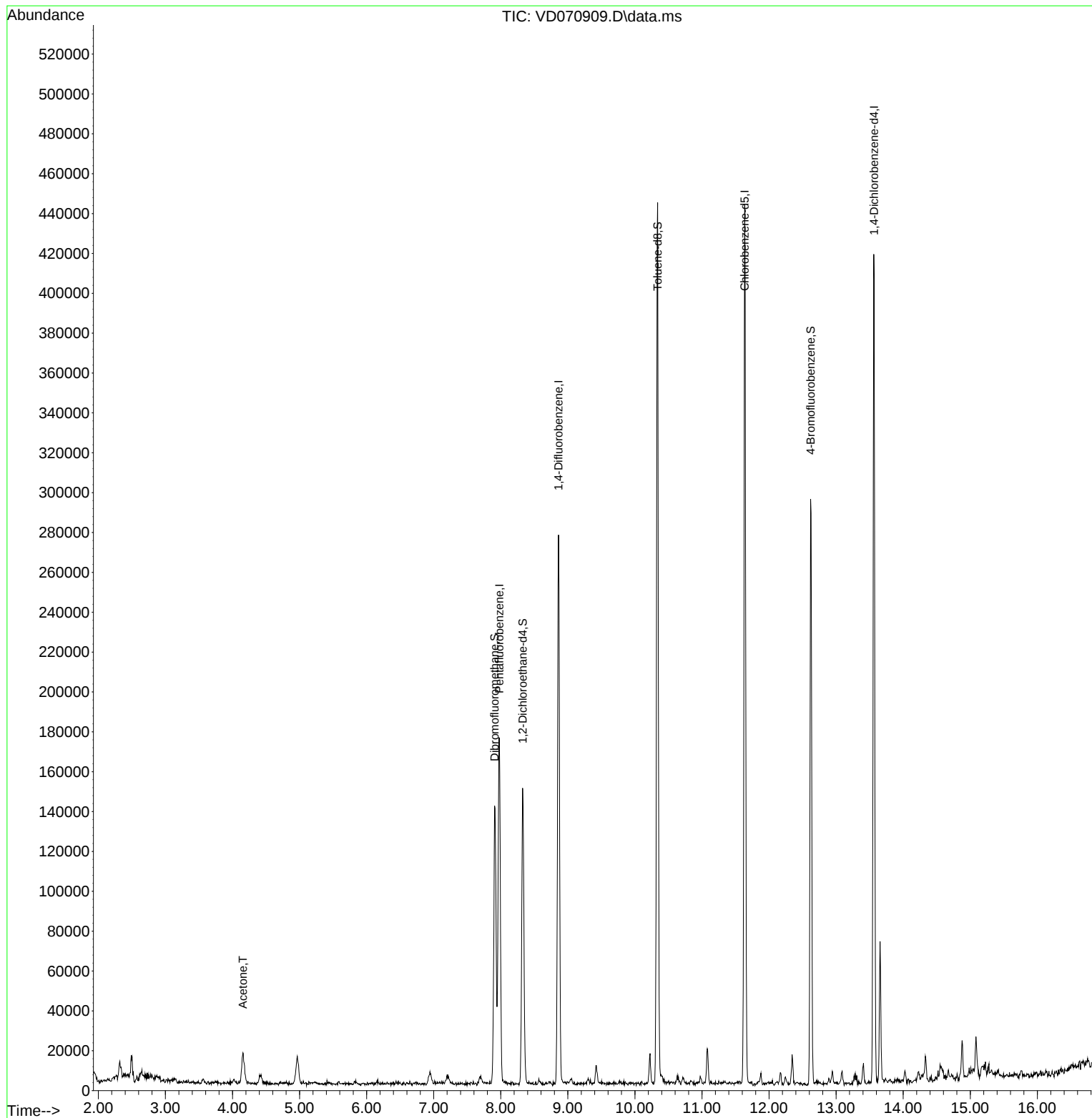
Internal Standards						
1) Pentafluorobenzene	7.979	168	137177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	242508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	266186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	121784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	112907	81.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.680%#	
35) Dibromofluoromethane	7.908	113	103165	64.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.040%	
50) Toluene-d8	10.338	98	313598	52.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.620	95	106169	53.490	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.980%	
Target Compounds						
16) Acetone	4.156	43	26700	83.183	ug/l	Qvalue 96

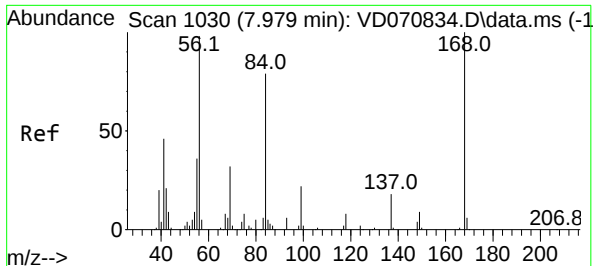
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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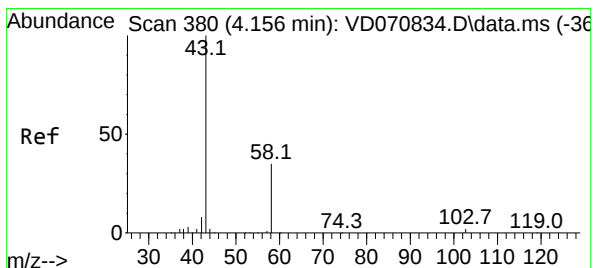
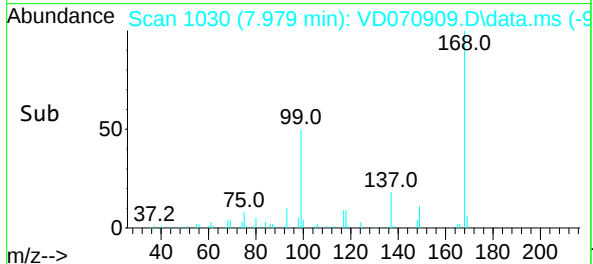
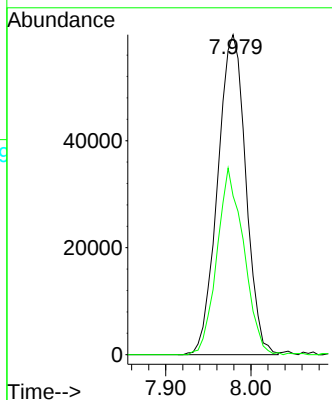
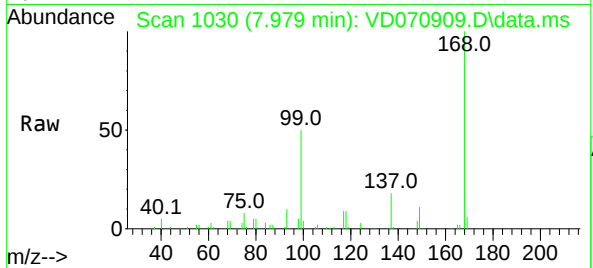




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070909.D
Acq: 03 Nov 2021 14:36

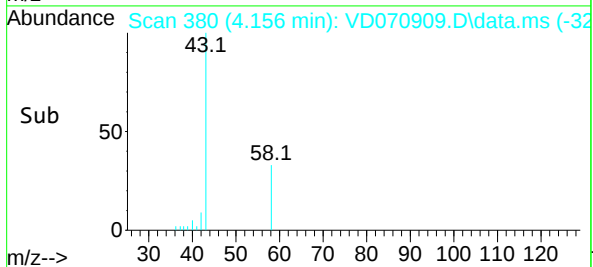
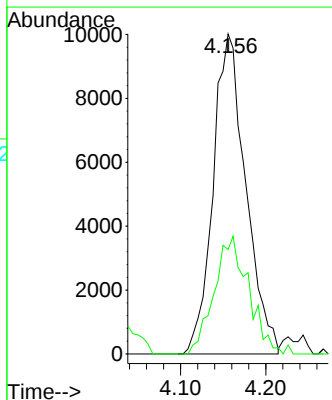
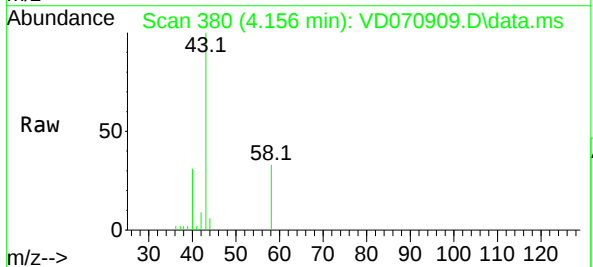
Instrument :
MSVOA_D
ClientSampleId :
30858

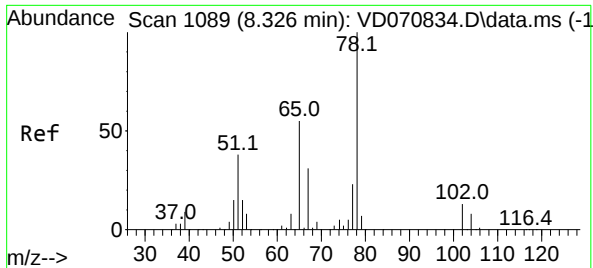
Tgt Ion:168 Resp: 137177
Ion Ratio Lower Upper
168 100
99 49.6 46.6 69.8



#16
Acetone
Concen: 83.183 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070909.D
Acq: 03 Nov 2021 14:36

Tgt Ion: 43 Resp: 26700
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

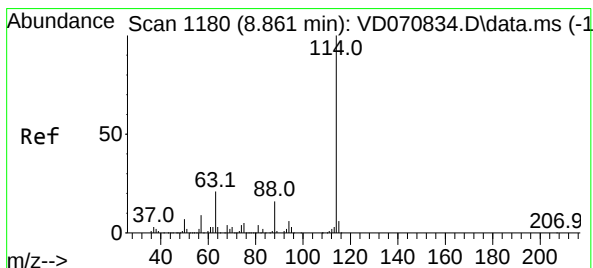
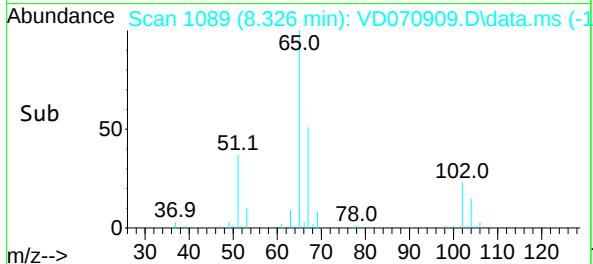
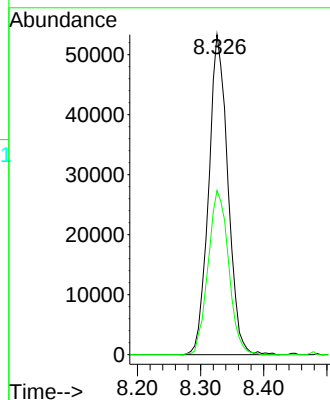
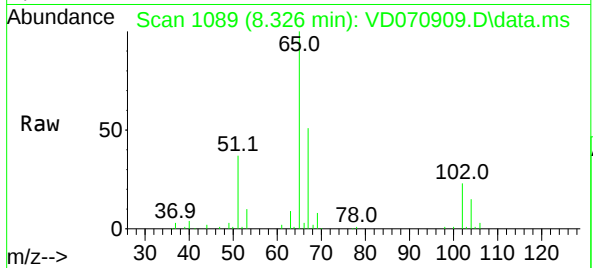




#33
1,2-Dichloroethane-d4
Concen: 81.837 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070909.D
Acq: 03 Nov 2021 14:36

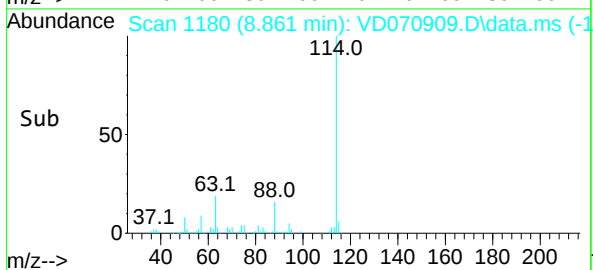
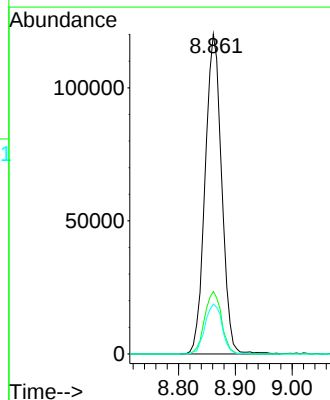
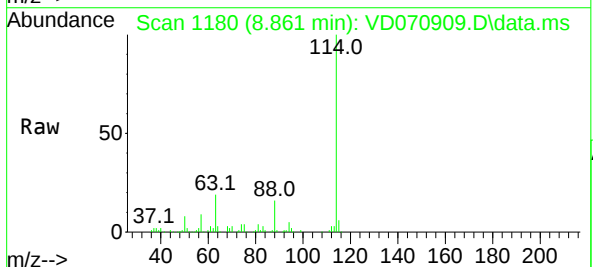
Instrument :
MSVOA_D
ClientSampleId :
30858

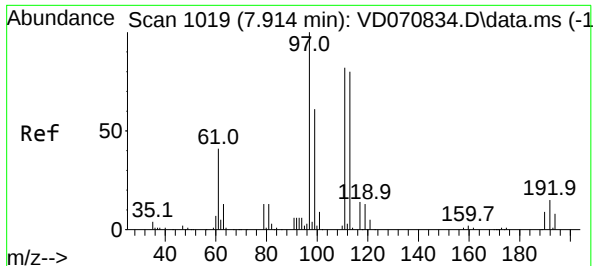
Tgt Ion: 65 Resp: 112907
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070909.D
Acq: 03 Nov 2021 14:36

Tgt Ion: 114 Resp: 242508
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 64.519 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD070909.D

Acq: 03 Nov 2021 14:36

Instrument :

MSVOA_D

ClientSampleId :

30858

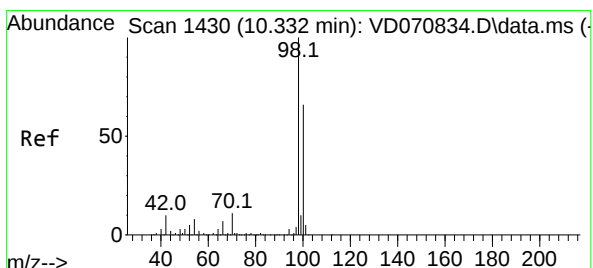
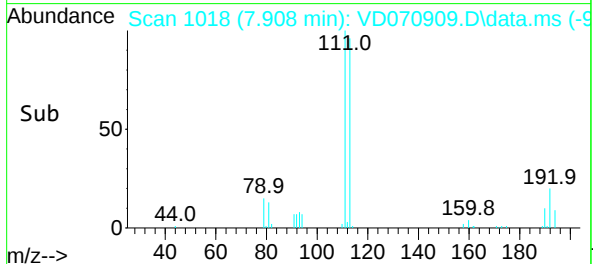
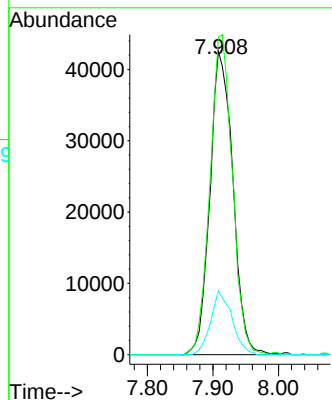
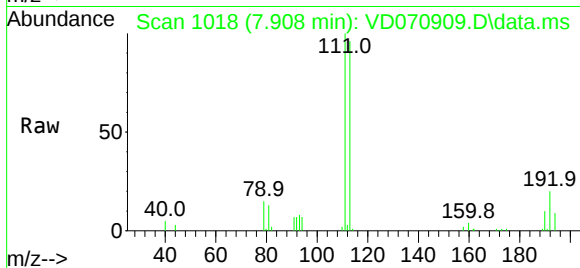
Tgt Ion:113 Resp: 103165

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 19.6 15.2 22.8



#50

Toluene-d8

Concen: 52.131 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070909.D

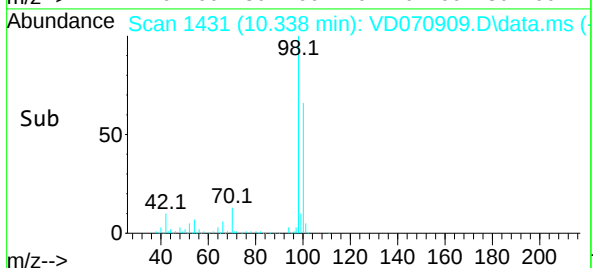
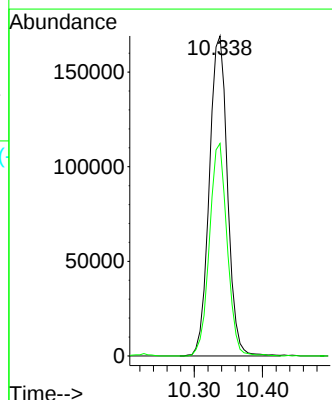
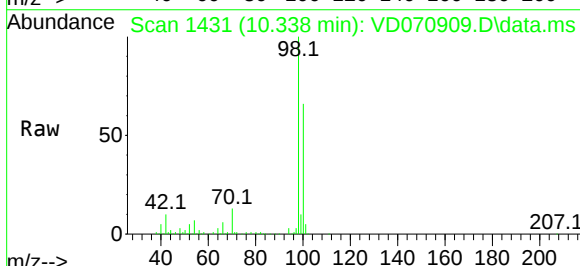
Acq: 03 Nov 2021 14:36

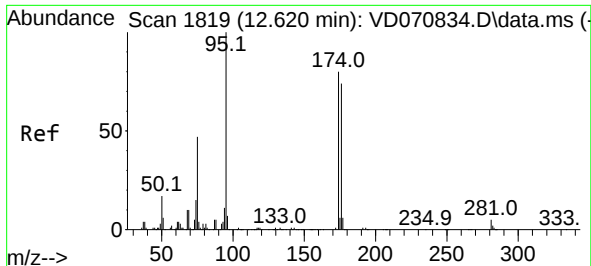
Tgt Ion: 98 Resp: 313598

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

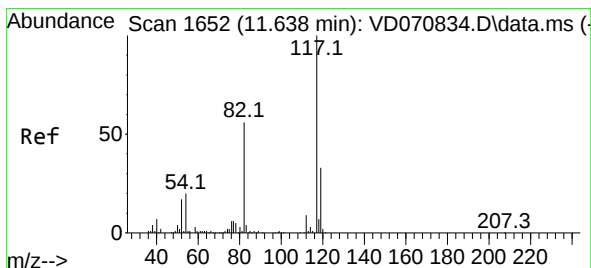
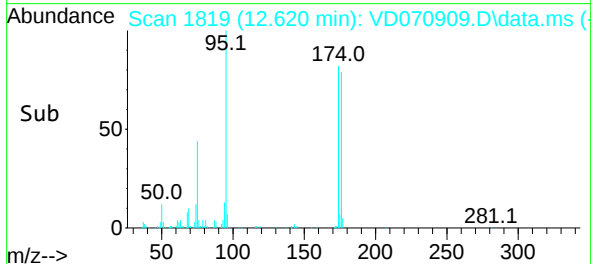
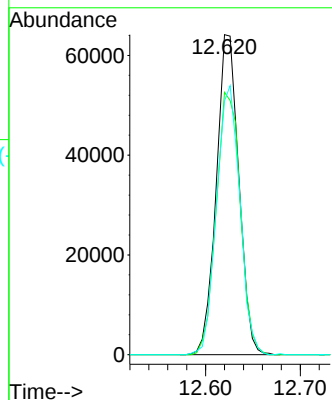
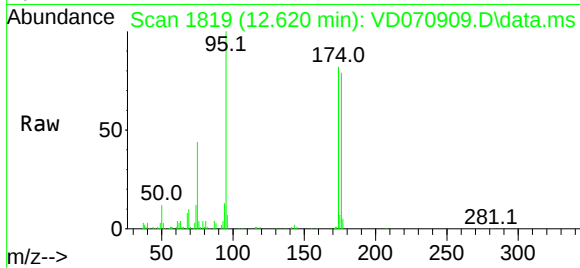




#62
4-Bromofluorobenzene
Concen: 53.490 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070909.D
Acq: 03 Nov 2021 14:36

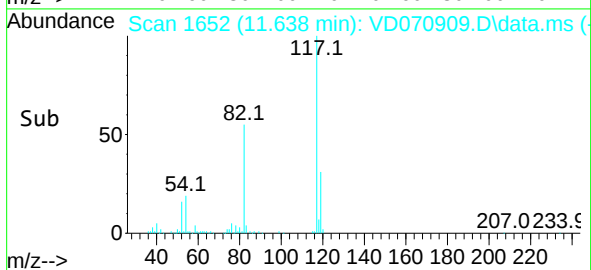
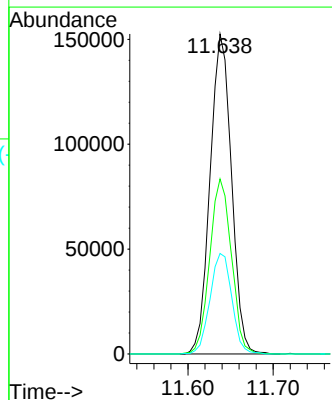
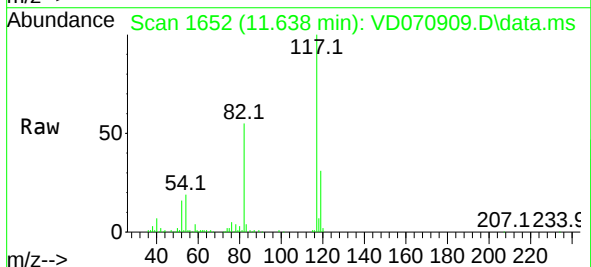
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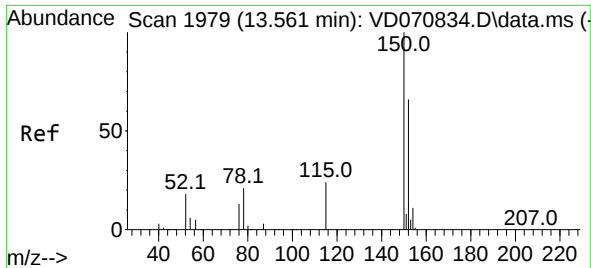
Tgt Ion: 95 Resp: 106169
Ion Ratio Lower Upper
95 100
174 87.7 0.0 159.4
176 87.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070909.D
Acq: 03 Nov 2021 14:36

Tgt Ion: 117 Resp: 266186
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 31.4 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD070909.D
 Acq: 03 Nov 2021 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 30858

Tgt Ion:152 Resp: 121784

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.8	89.3
150	159.8	0.0	349.2

