

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068756.D
 Acq On : 01 Apr 2021 14:07
 Operator : VA/SY
 Sample : M1886-05
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124018-A

Quant Time: Apr 02 01:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

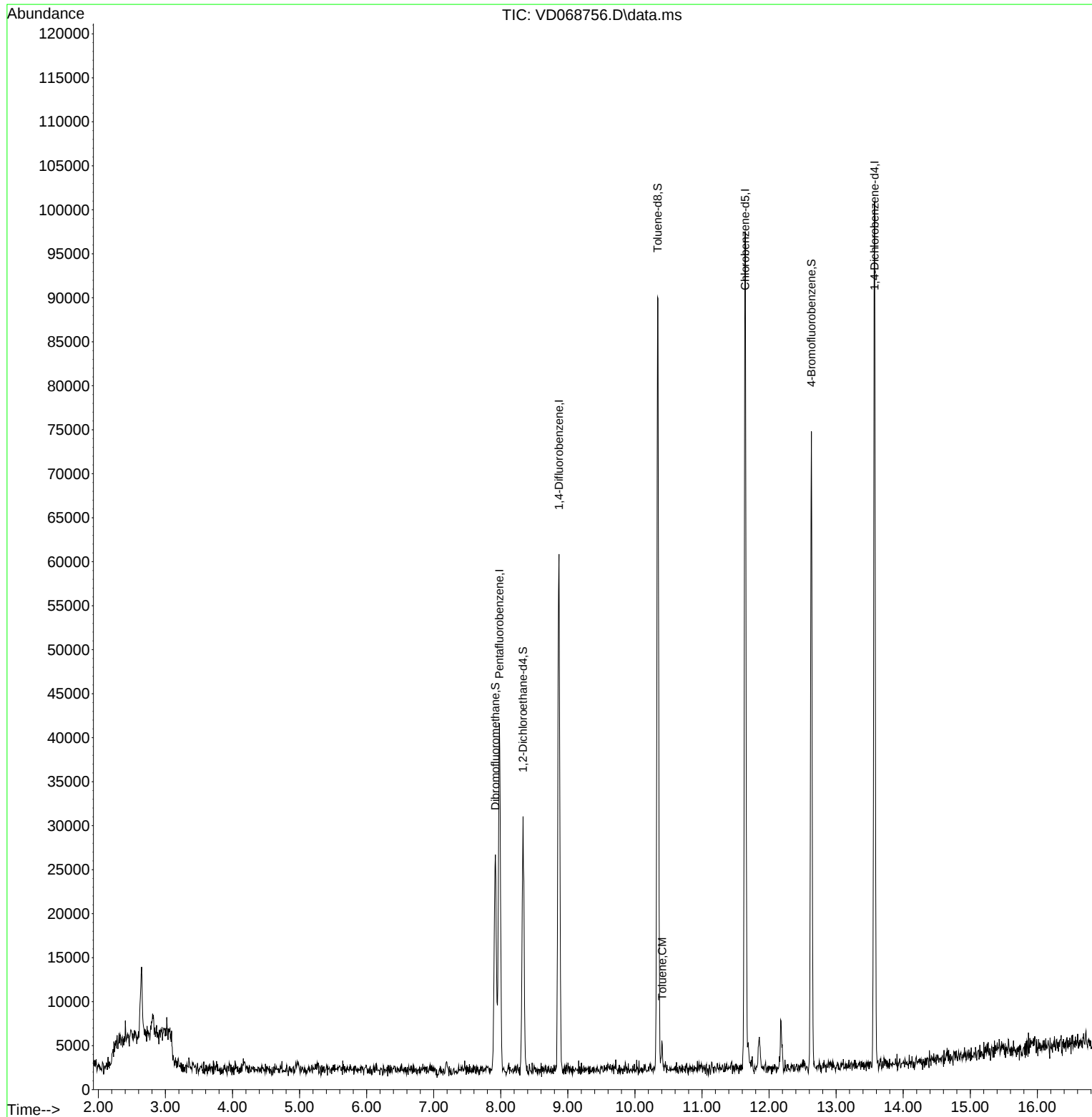
Internal Standards						
1) Pentafluorobenzene	7.979	168	31170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	52721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	59278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	27911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	20460	65.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.20%			
35) Dibromofluoromethane	7.920	113	17464	53.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.48%			
50) Toluene-d8	10.338	98	63181	49.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.92%			
62) 4-Bromofluorobenzene	12.632	95	23180	56.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.06%			
Target Compounds					Qvalue	
52) Toluene	10.408	92	1410	1.62	ug/l	90

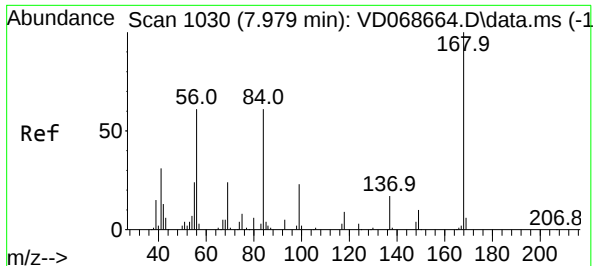
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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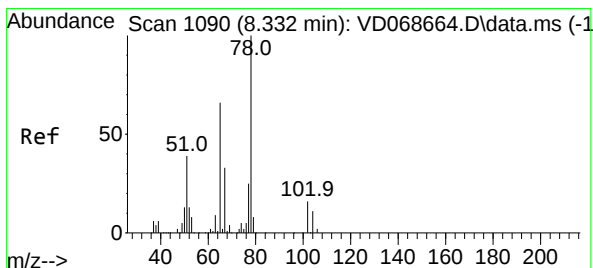
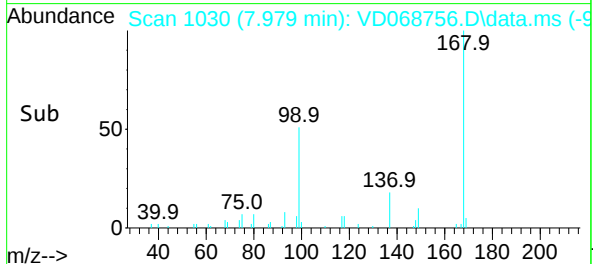
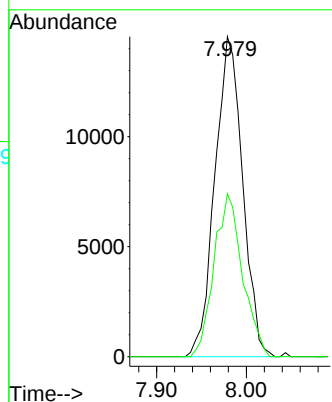
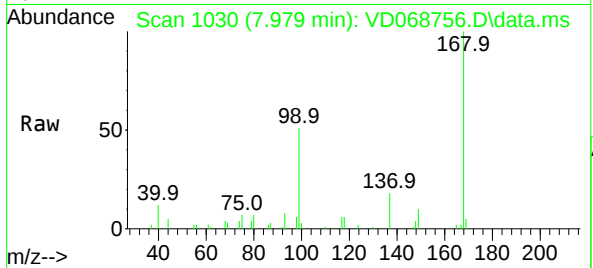




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

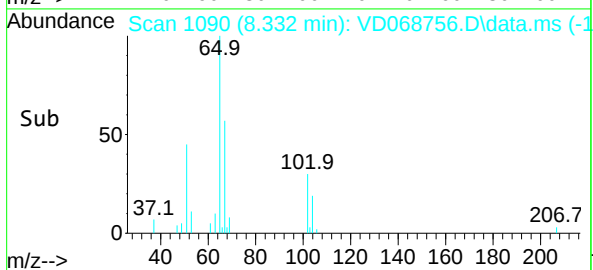
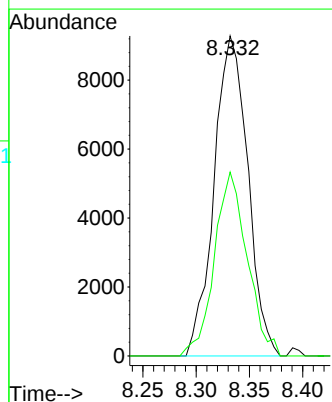
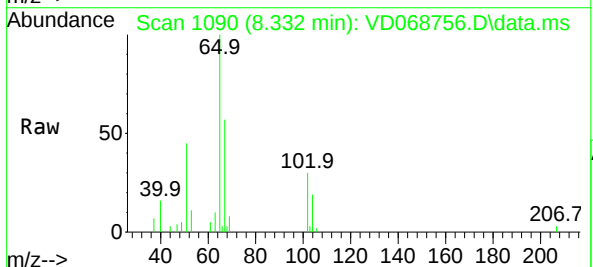
Instrument :
MSVOA_D
ClientSampled :
124018-A

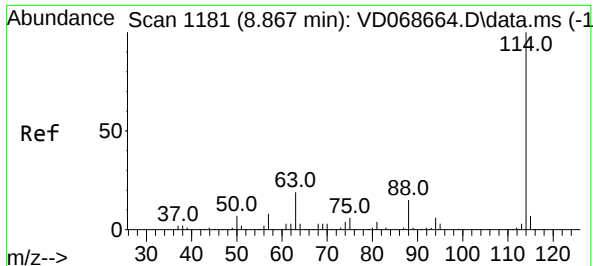
Tgt Ion:168 Resp: 31170
Ion Ratio Lower Upper
168 100
99 50.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 65.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 65 Resp: 20460
Ion Ratio Lower Upper
65 100
67 55.8 0.0 106.0

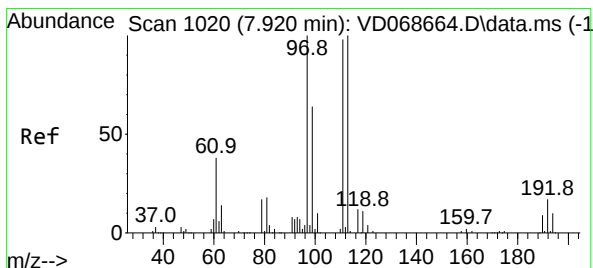
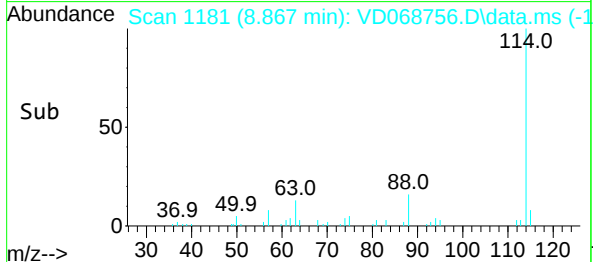
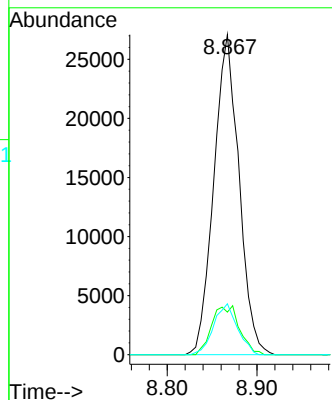
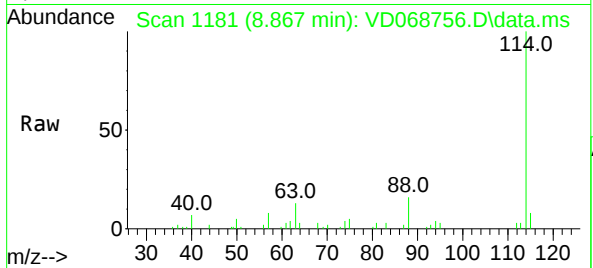




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

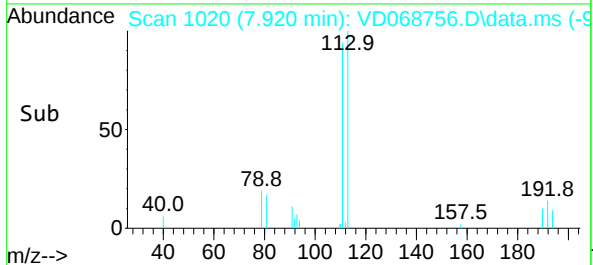
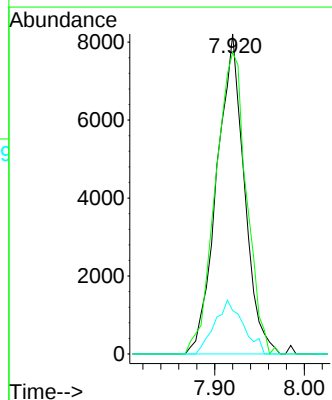
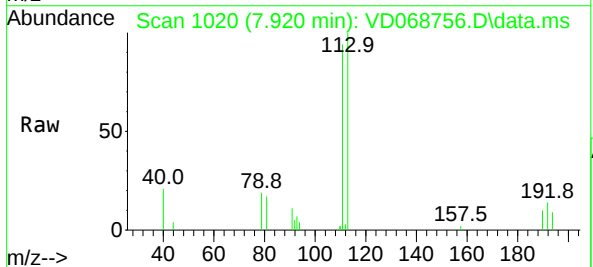
Instrument :
MSVOA_D
ClientSampleId :
124018-A

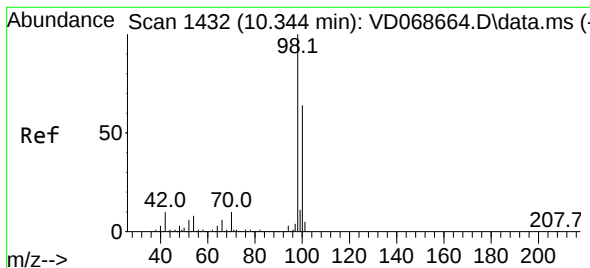
Tgt Ion:	114	Resp:	52721
Ion Ratio	Lower	Upper	
114	100		
63	13.3	0.0	38.2
88	15.9	0.0	29.4



#35
Dibromofluoromethane
Concen: 53.24 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

Tgt Ion:	113	Resp:	17464
Ion Ratio	Lower	Upper	
113	100		
111	106.3	82.5	123.7
192	17.4	15.1	22.7

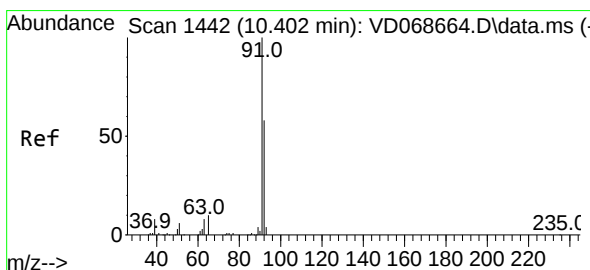
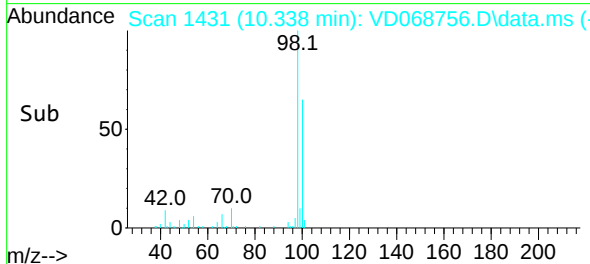
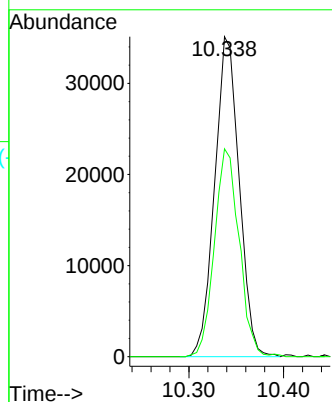
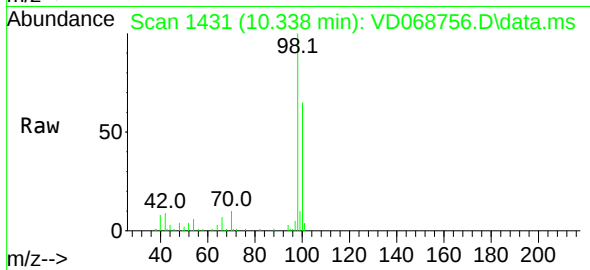




#50
Toluene-d8
Concen: 49.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

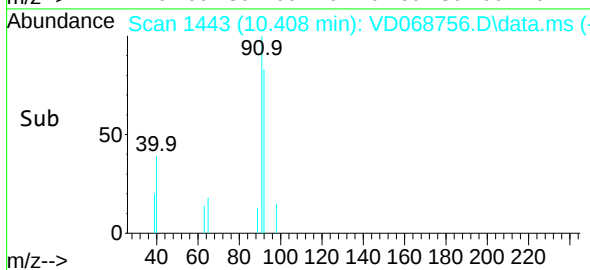
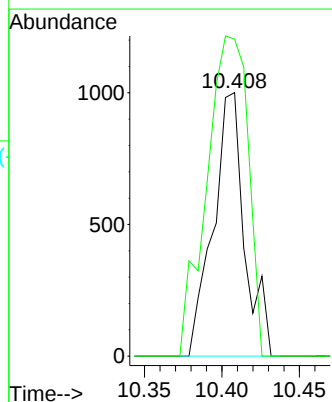
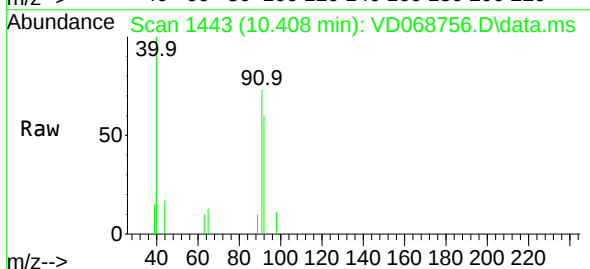
Instrument :
MSVOA_D
ClientSampleId :
124018-A

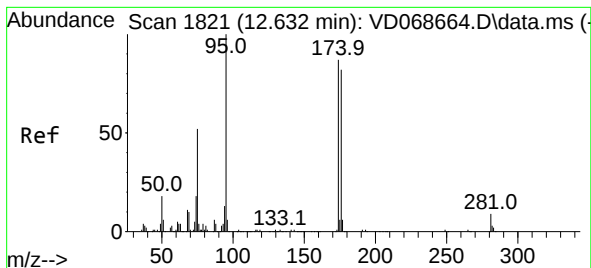
Tgt Ion: 98 Resp: 63181
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#52
Toluene
Concen: 1.62 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 92 Resp: 1410
Ion Ratio Lower Upper
92 100
91 160.6 139.1 208.7

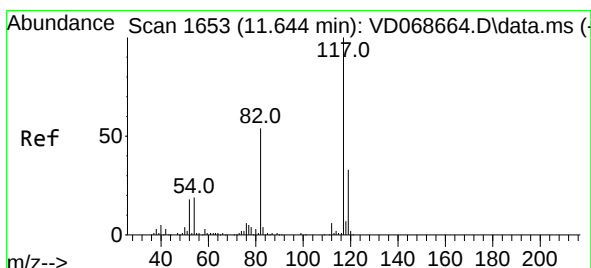
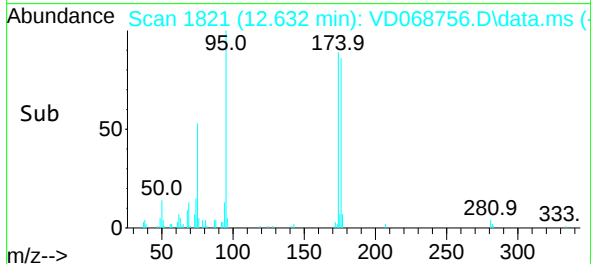
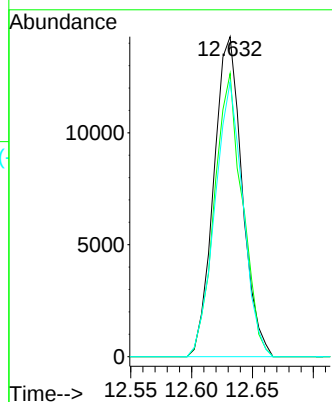
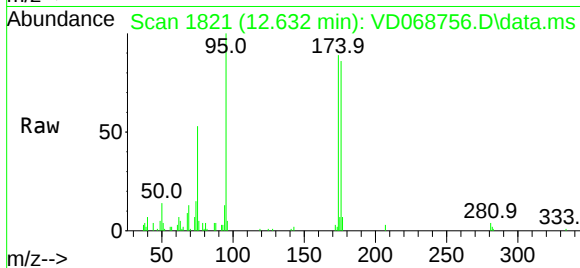




#62
4-Bromofluorobenzene
Concen: 56.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

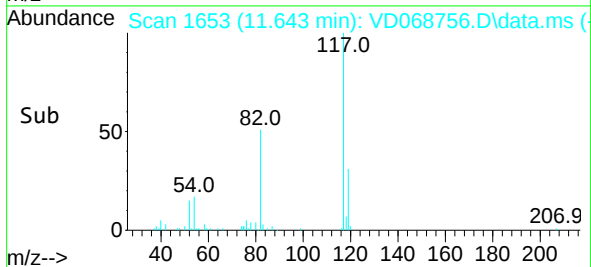
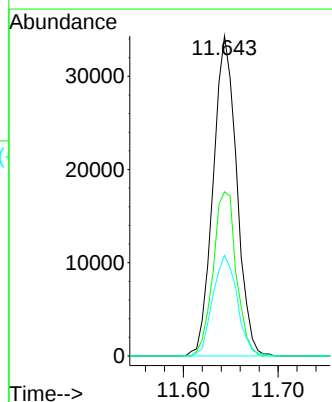
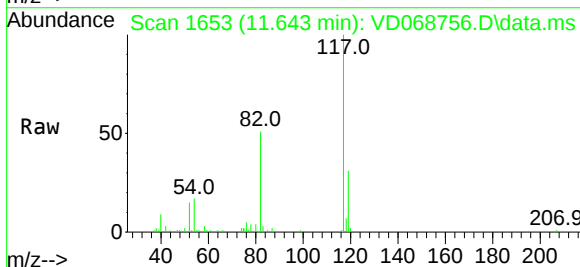
Instrument :
MSVOA_D
ClientSampleId :
124018-A

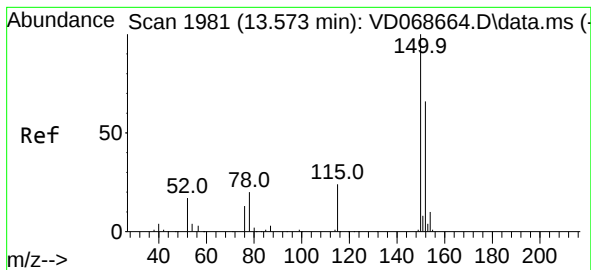
Tgt Ion: 95 Resp: 23180
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.0
176 85.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068756.D
Acq: 01 Apr 2021 14:07

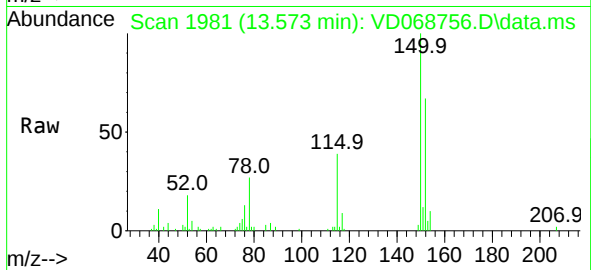
Tgt Ion: 117 Resp: 59278
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 31.4 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068756.D
 Acq: 01 Apr 2021 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 124018-A



Tgt Ion:	152	Resp:	27911
Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	87.8
150	152.2	0.0	347.6

