

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070357.D
 Acq On : 14 Sep 2021 17:04
 Operator : VA/SY
 Sample : M3687-28
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A004015

Quant Time: Sep 15 02:47:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

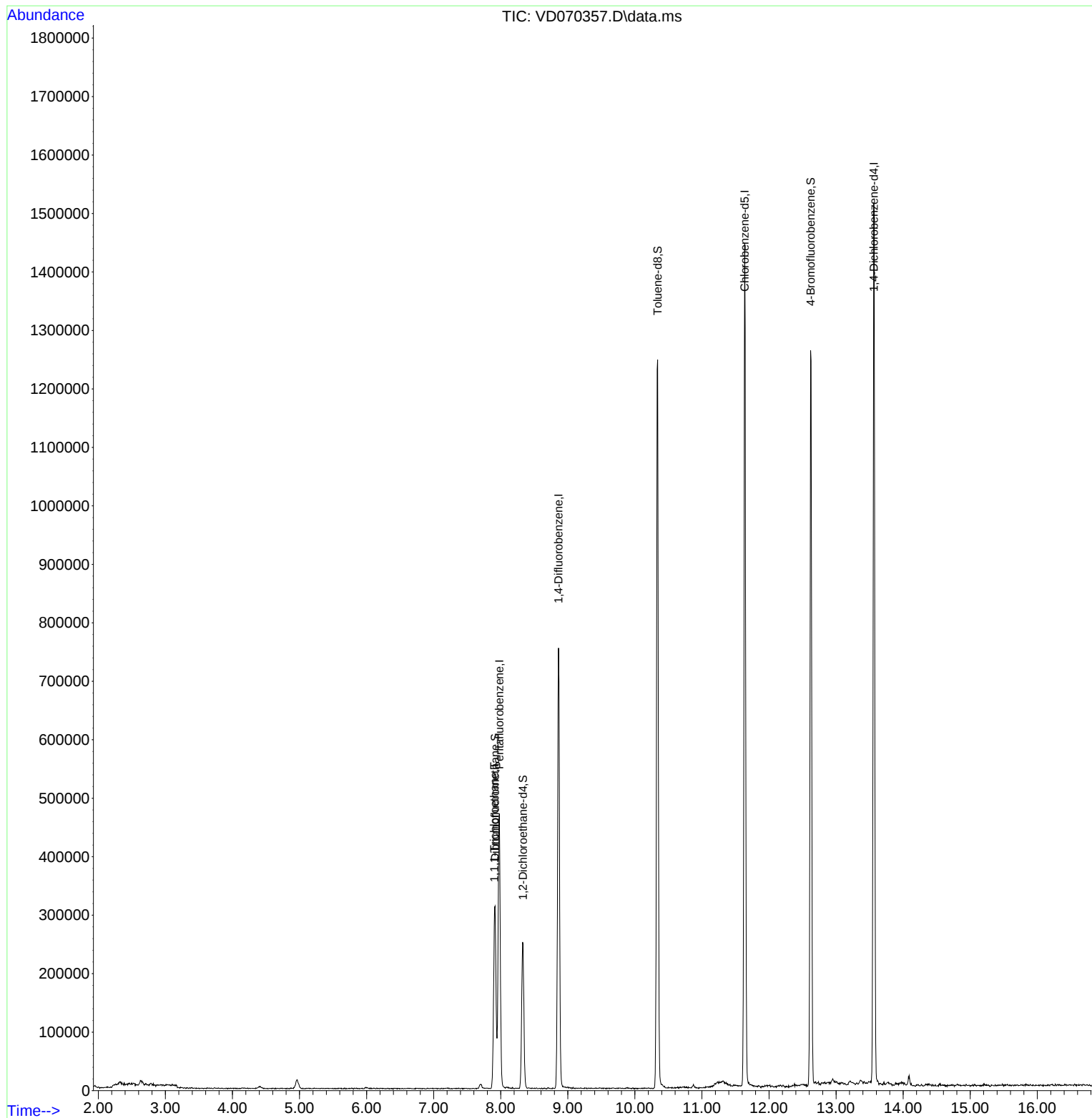
Internal Standards						
1) Pentafluorobenzene	7.979	168	325339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	831738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	393530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	205227	49.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.914	113	224227	49.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.338	98	872401	52.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.620	95	410342	70.679	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.360%
Target Compounds						
32) 1,1,1-Trichloroethane	7.903	97	19816	2.724	ug/l	Qvalue 97

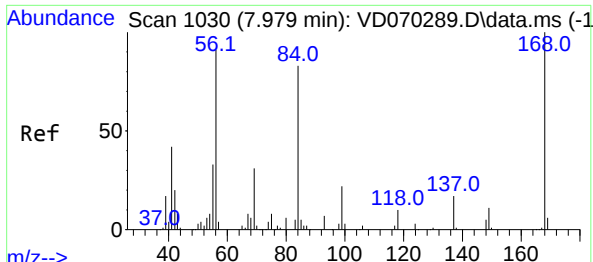
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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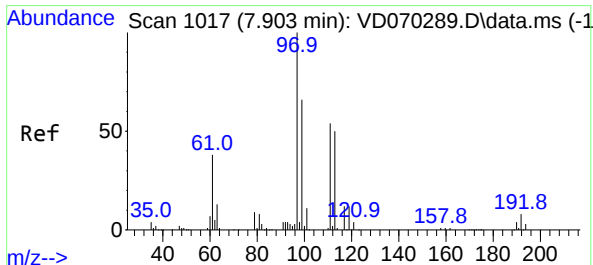
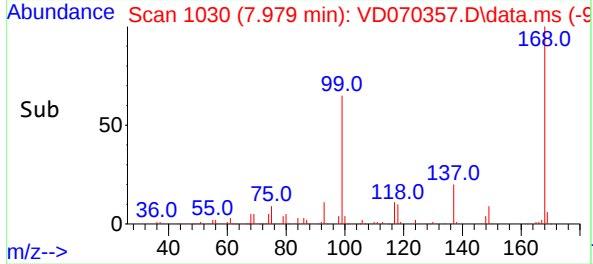
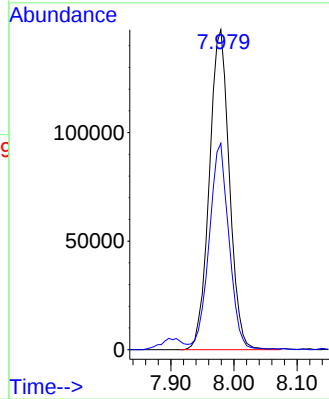
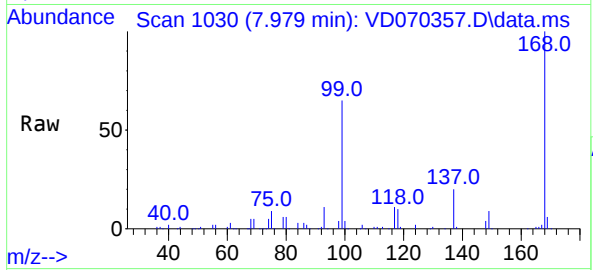




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

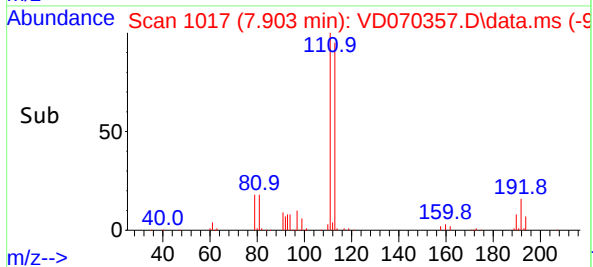
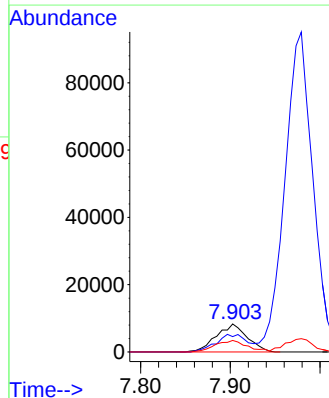
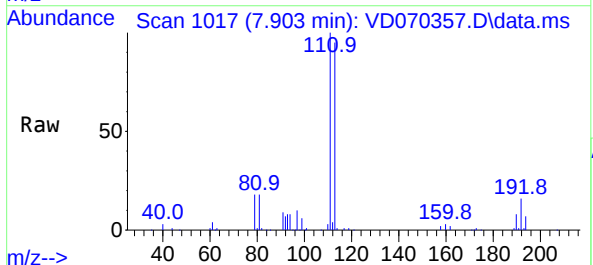
Instrument :
MSVOA_D
ClientSampleId :
A004015

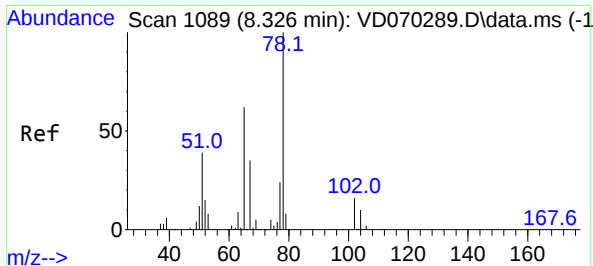
Tgt Ion:168 Resp: 325339
Ion Ratio Lower Upper
168 100
99 64.2 50.8 76.2



1,1,1-Trichloroethane
Concen: 2.724 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 97 Resp: 19816
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 42.8 31.4 47.0



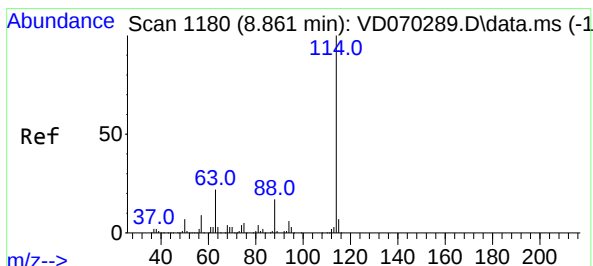
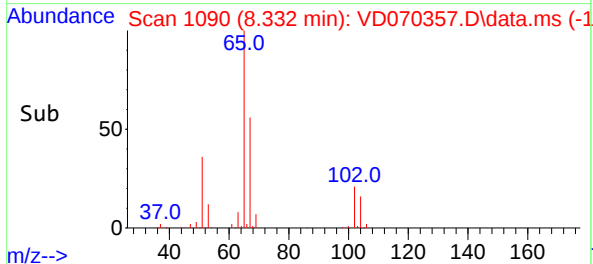
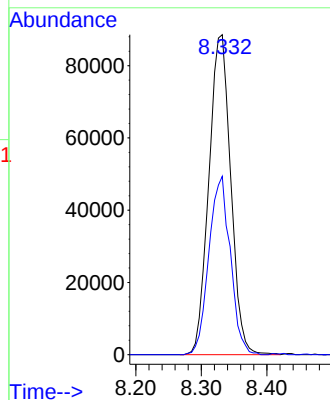
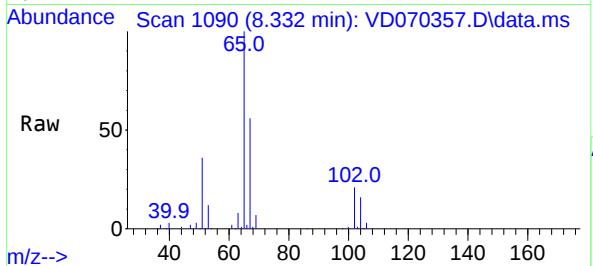


#33

1,2-Dichloroethane-d4
Concen: 49.128 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Instrument :
MSVOA_D
ClientSampleId :
A004015

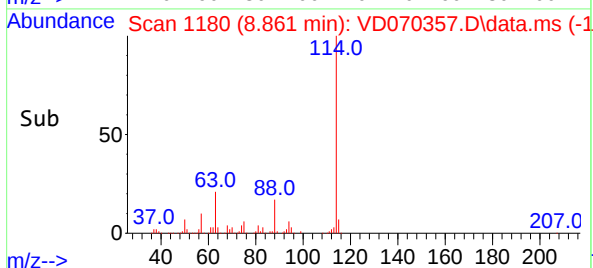
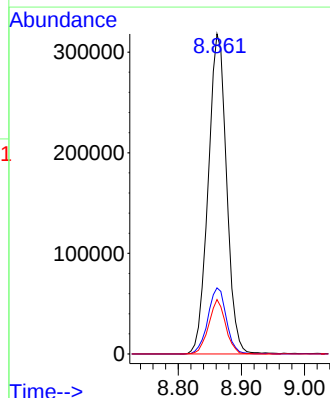
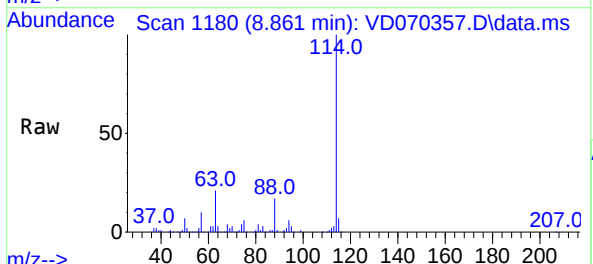
Tgt Ion: 65 Resp: 205227
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.4

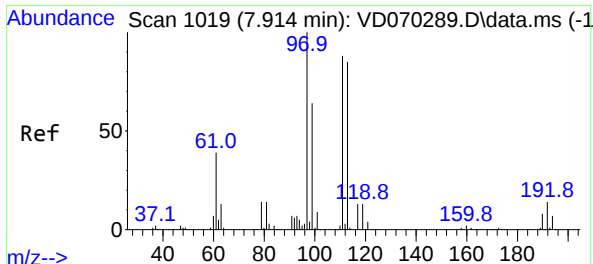


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 114 Resp: 642776
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 17.0 0.0 33.4

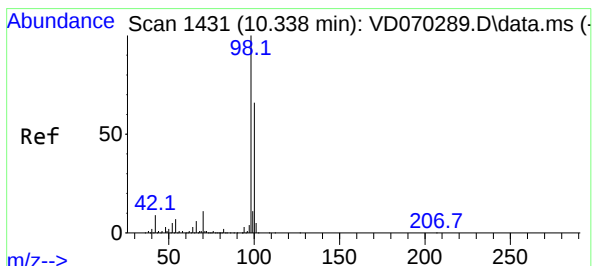
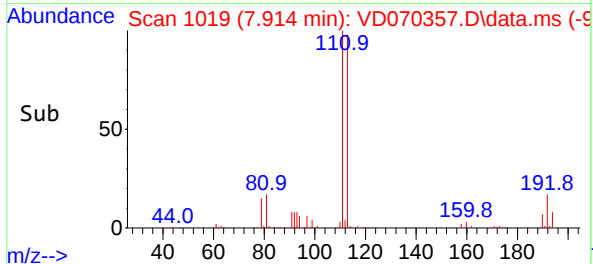
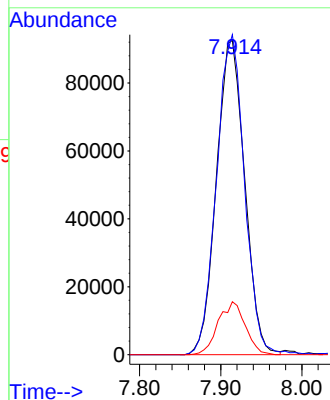
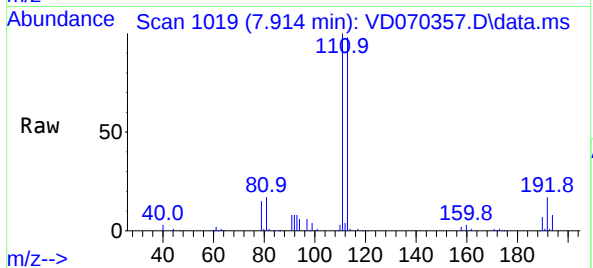




#35
Dibromofluoromethane
Concen: 49.007 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

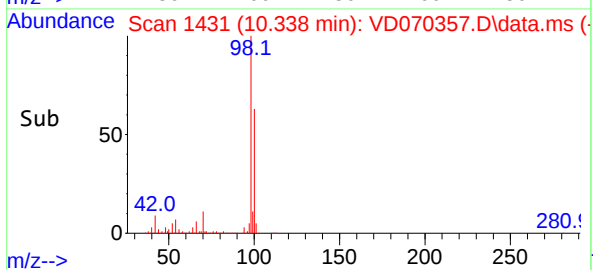
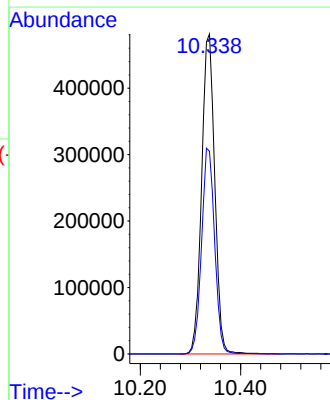
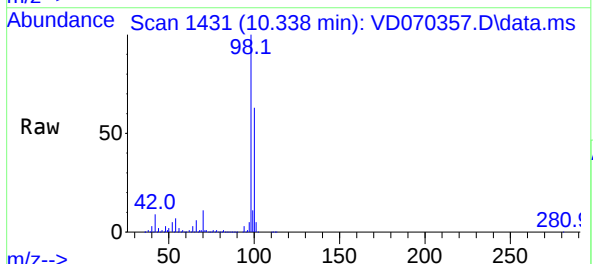
Instrument :
MSVOA_D
ClientSampleId :
A004015

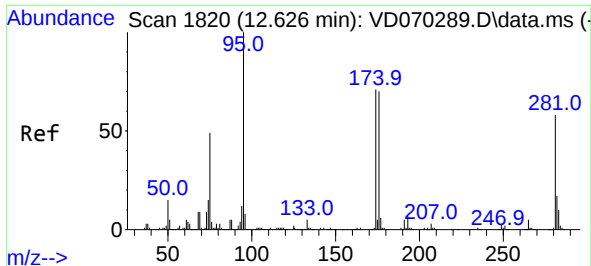
Tgt Ion:113 Resp: 224227
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 16.1 13.0 19.6



#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 98 Resp: 872401
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

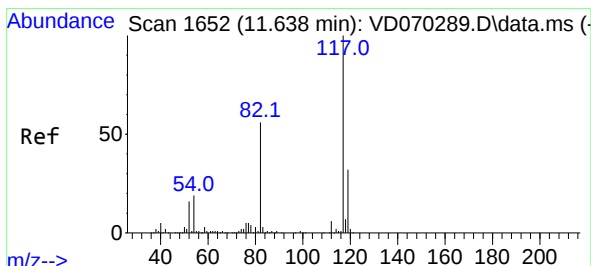
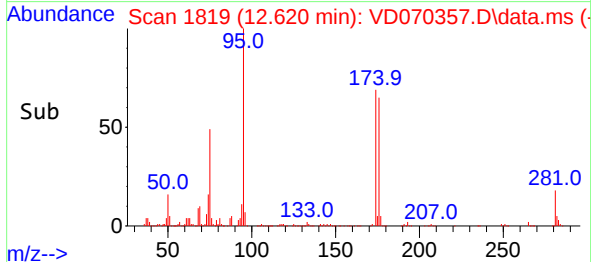
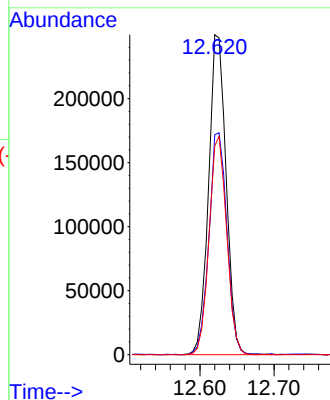
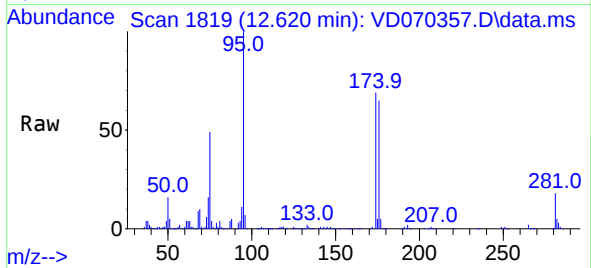




#62
4-Bromofluorobenzene
Concen: 70.679 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

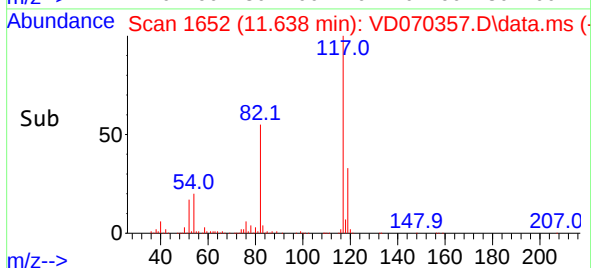
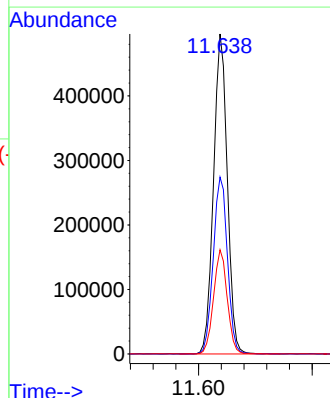
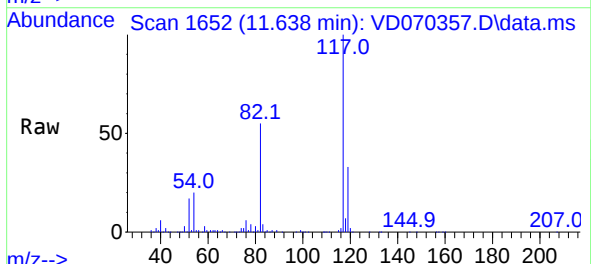
Instrument :
MSVOA_D
ClientSampleId :
A004015

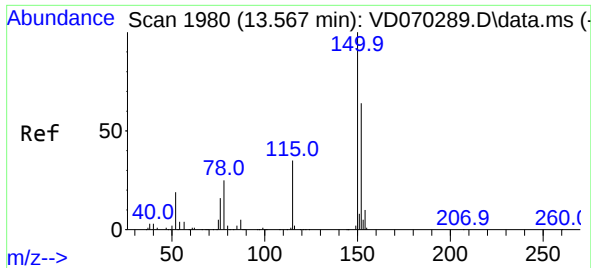
Tgt Ion: 95 Resp: 410342
Ion Ratio Lower Upper
95 100
174 71.2 0.0 140.6
176 68.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

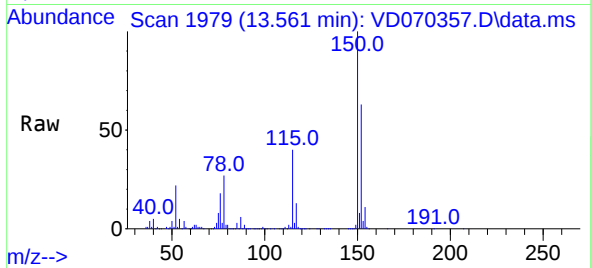
Tgt Ion: 117 Resp: 831738
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070357.D
 Acq: 14 Sep 2021 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 A004015



Tgt Ion:	152	Resp:	393530
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	159.4	0.0	350.6

