

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070994.D
 Acq On : 11 Nov 2021 16:27
 Operator : VA/SY
 Sample : M4582-05
 Misc : 4.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B10-110621-14-15

Quant Time: Nov 12 08:02:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

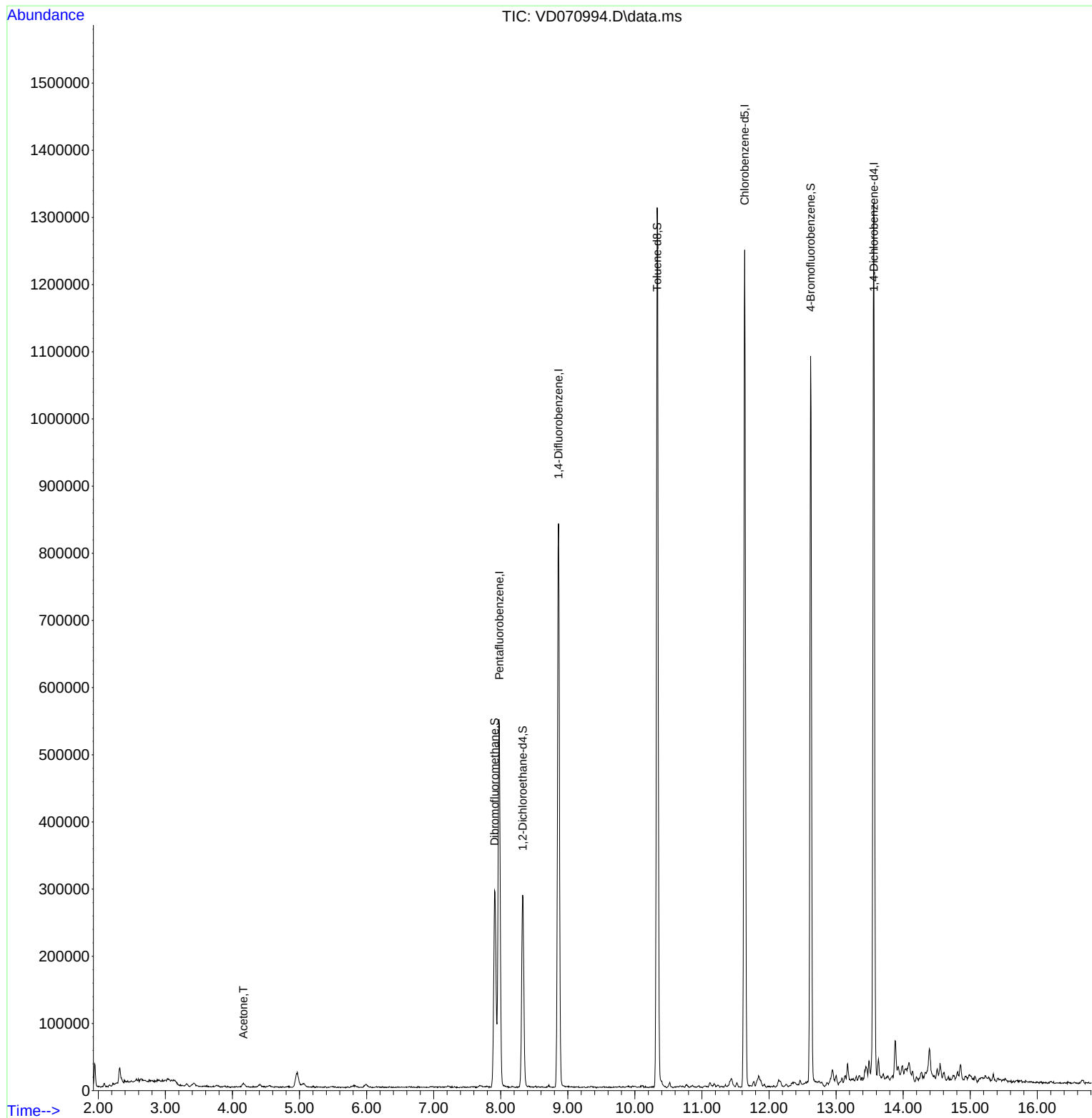
Internal Standards						
1) Pentafluorobenzene	7.979	168	397503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	697063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	680343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	326314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223954	52.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.84%	
35) Dibromofluoromethane	7.908	113	212354	53.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.98%	
50) Toluene-d8	10.332	98	869633	56.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.90%	
62) 4-Bromofluorobenzene	12.620	95	335321	60.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.92%	
Target Compounds						
16) Acetone	4.162	43	8888	26.96	ug/l	Qvalue 94

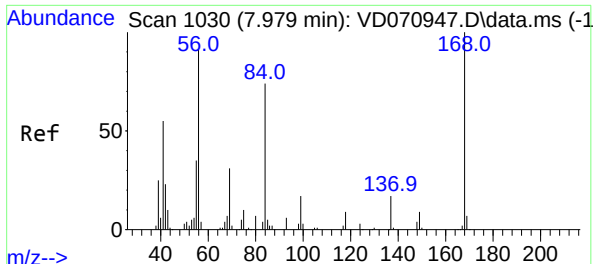
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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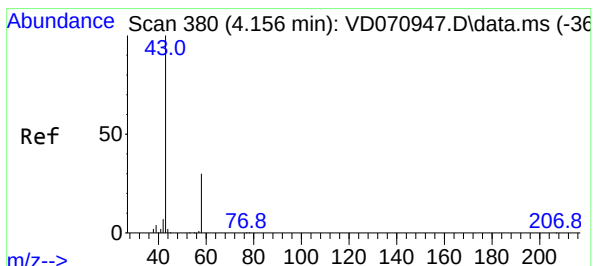
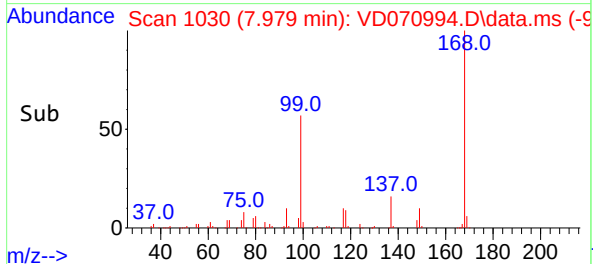
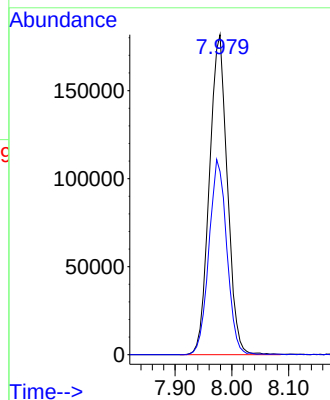
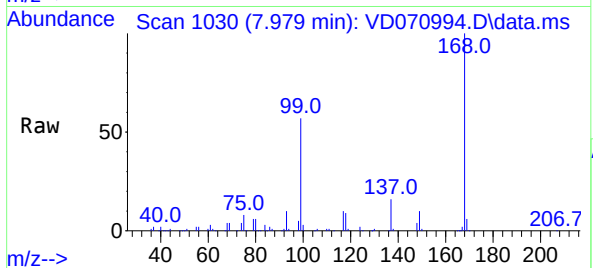




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070994.D
Acq: 11 Nov 2021 16:27

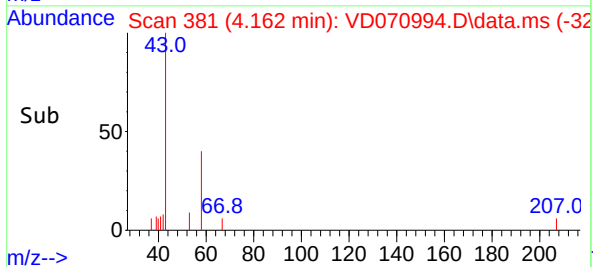
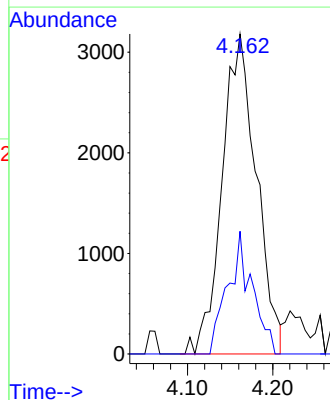
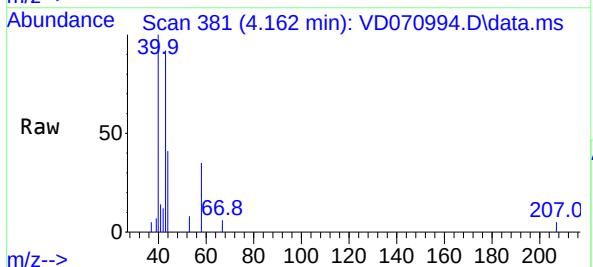
Instrument :
MSVOA_D
ClientSampleId :
VWE-B10-110621-14-15

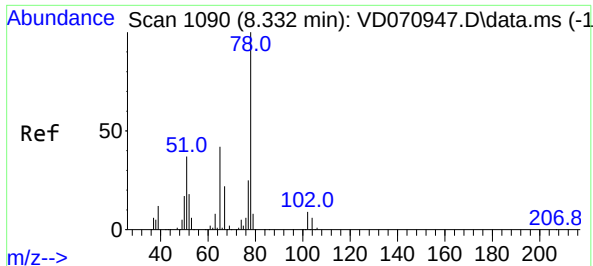
Tgt Ion:168 Resp: 397503
Ion Ratio Lower Upper
168 100
99 57.2 46.6 69.8



#16
Acetone
Concen: 26.96 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070994.D
Acq: 11 Nov 2021 16:27

Tgt Ion: 43 Resp: 8888
Ion Ratio Lower Upper
43 100
58 38.4 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 52.92 ug/l

RT: 8.326 min Scan# 11089

Delta R.T. -0.006 min

Lab File: VD070994.D

Acq: 11 Nov 2021 16:27

Instrument :

MSVOA_D

ClientSampleId :

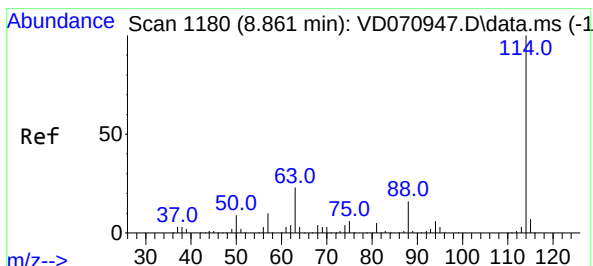
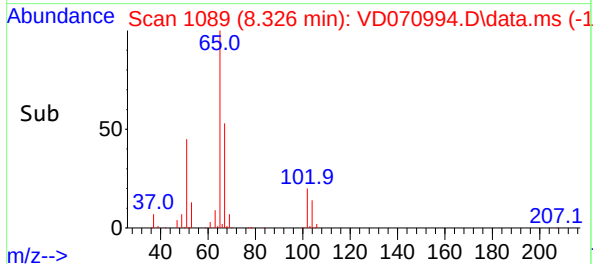
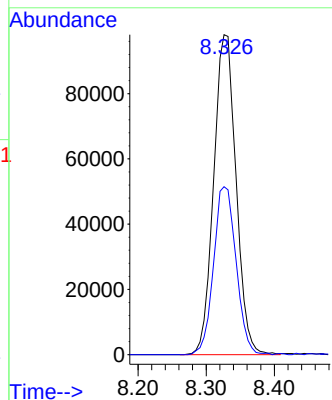
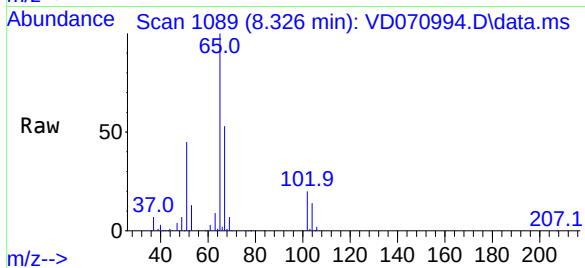
VWE-B10-110621-14-15

Tgt Ion: 65 Resp: 223954

Ion Ratio Lower Upper

65 100

67 52.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070994.D

Acq: 11 Nov 2021 16:27

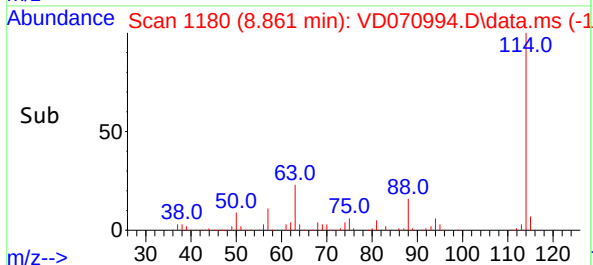
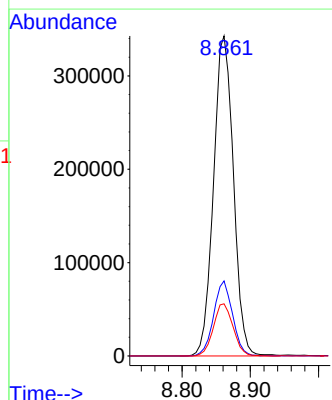
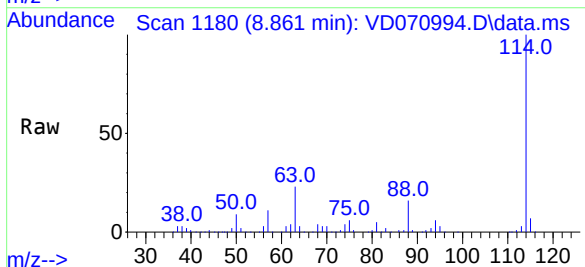
Tgt Ion: 114 Resp: 697063

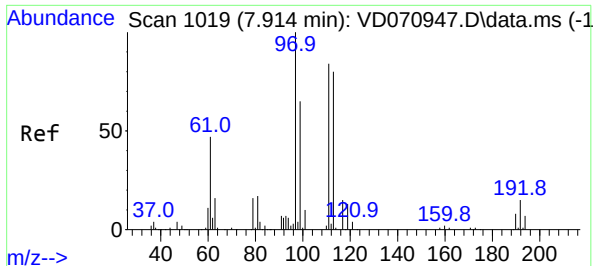
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 16.3 0.0 32.8

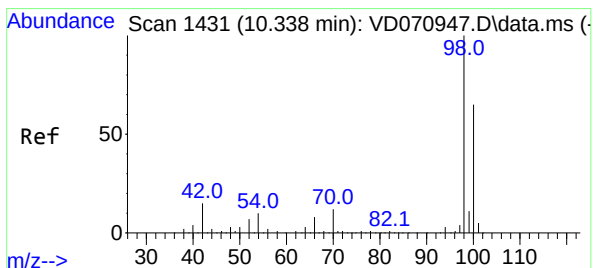
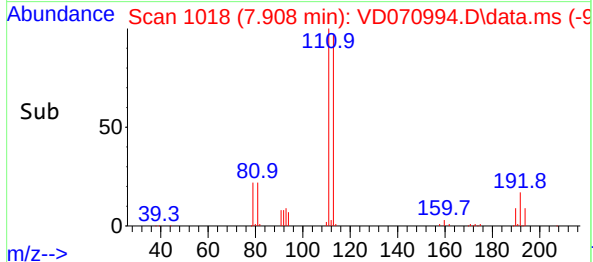
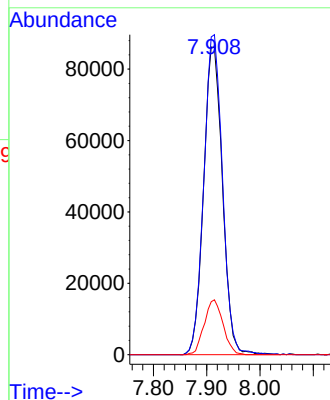
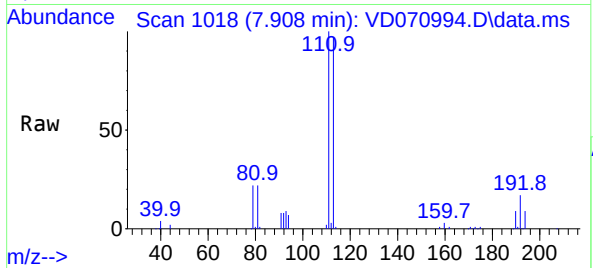




#35
Dibromofluoromethane
Concen: 53.99 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070994.D
Acq: 11 Nov 2021 16:27

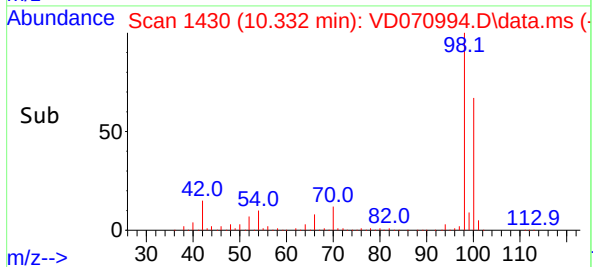
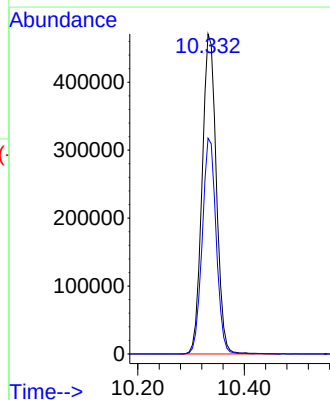
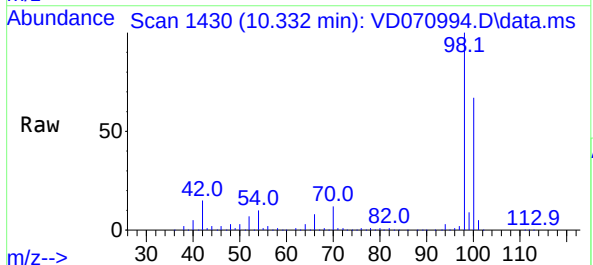
Instrument :
MSVOA_D
ClientSampleId :
VWE-B10-110621-14-15

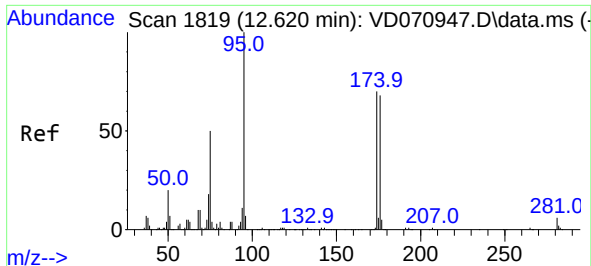
Tgt Ion:113 Resp: 212354
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 17.8 15.2 22.8



#50
Toluene-d8
Concen: 56.45 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070994.D
Acq: 11 Nov 2021 16:27

Tgt Ion: 98 Resp: 869633
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6

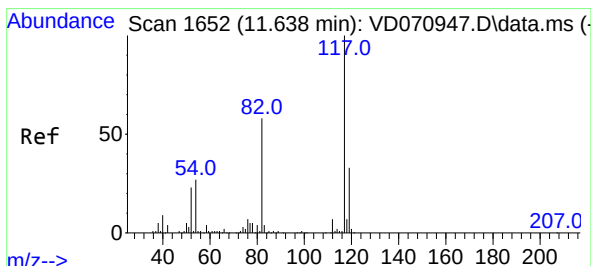
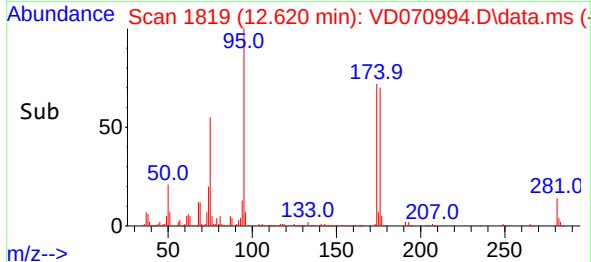
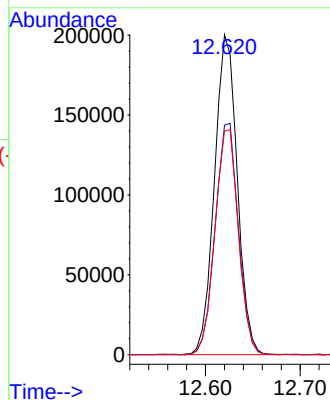
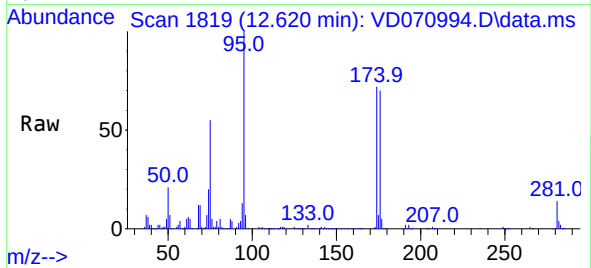




#62
4-Bromofluorobenzene
Concen: 60.46 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070994.D
Acq: 11 Nov 2021 16:27

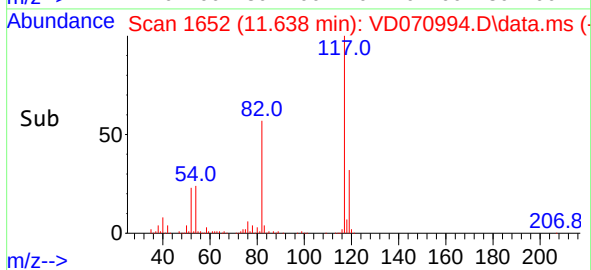
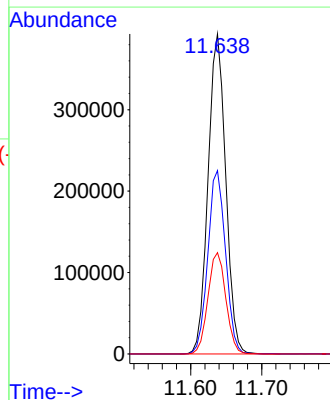
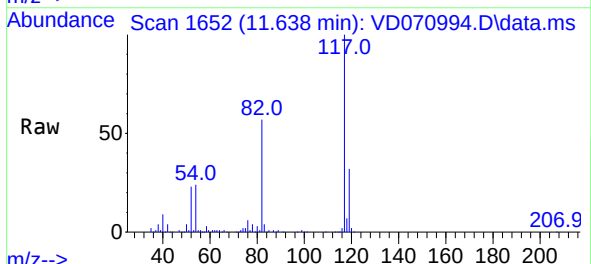
Instrument :
MSVOA_D
ClientSampleId :
VWE-B10-110621-14-15

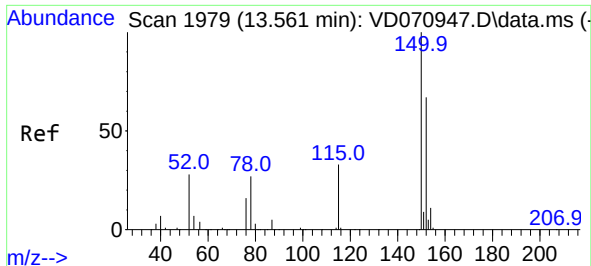
Tgt Ion: 95 Resp: 335321
Ion Ratio Lower Upper
95 100
174 73.5 0.0 159.4
176 72.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070994.D
Acq: 11 Nov 2021 16:27

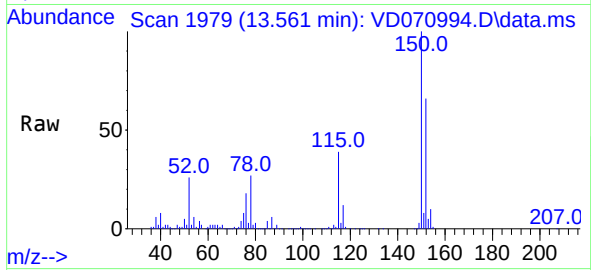
Tgt Ion: 117 Resp: 680343
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 31.7 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070994.D
 Acq: 11 Nov 2021 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B10-110621-14-15



Tgt Ion:152 Resp: 326314

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.8	89.3
150	153.0	0.0	349.2

