

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070510.D
 Acq On : 28 Sep 2021 18:48
 Operator : VA/SY
 Sample : M3938-04
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-8)

Quant Time: Sep 28 23:45:03 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)

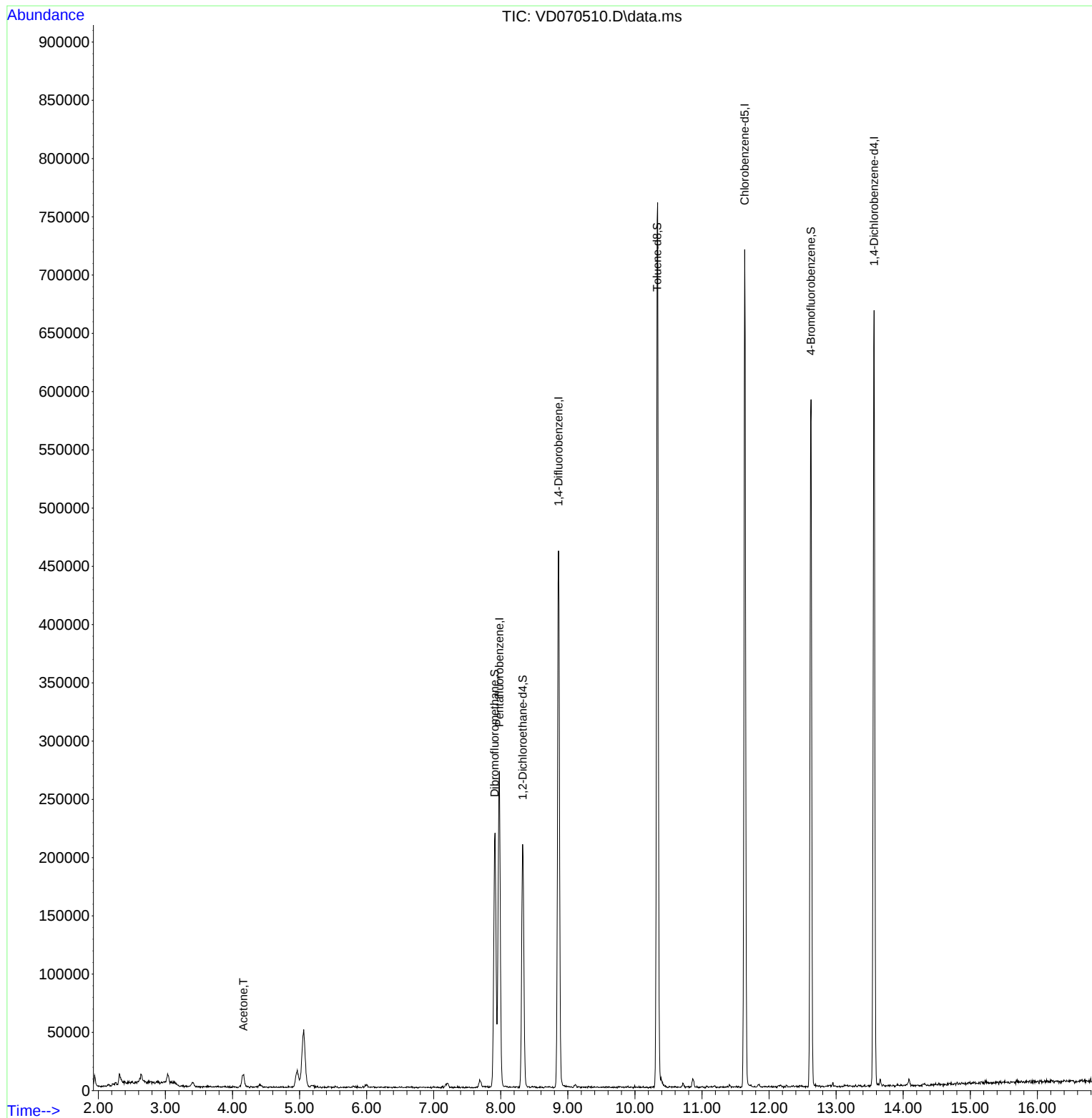
Internal Standards						
1) Pentafluorobenzene	7.979	168	193549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	427434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	183829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168711	67.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.780%
35) Dibromofluoromethane	7.908	113	159683	55.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.320%
50) Toluene-d8	10.332	98	543281	52.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.320%
62) 4-Bromofluorobenzene	12.626	95	180195	49.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.000%
Target Compounds						
16) Acetone	4.162	43	19746	44.503	ug/l	Qvalue 89

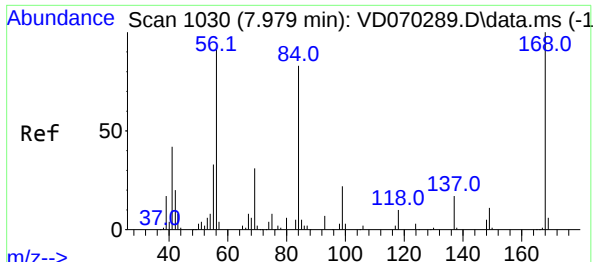
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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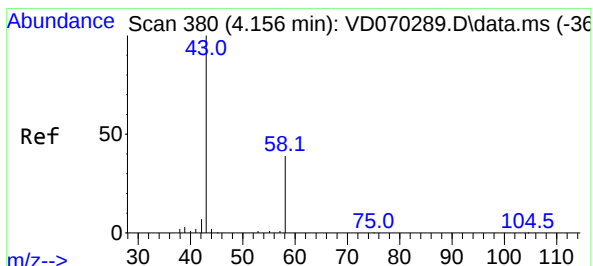
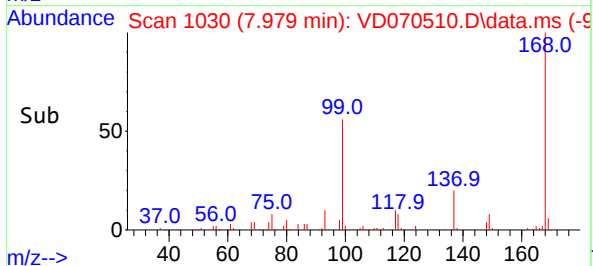
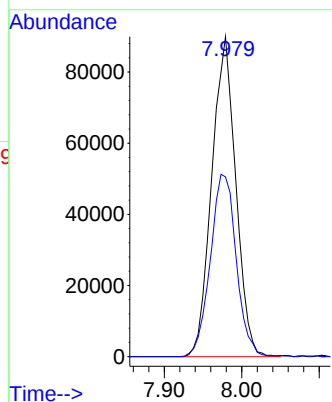
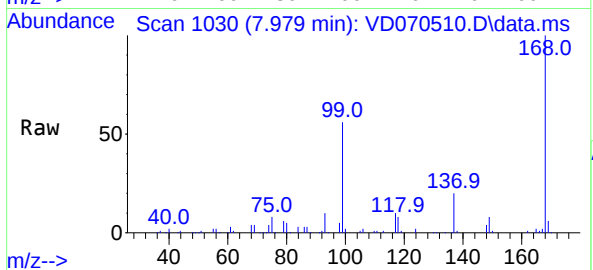




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

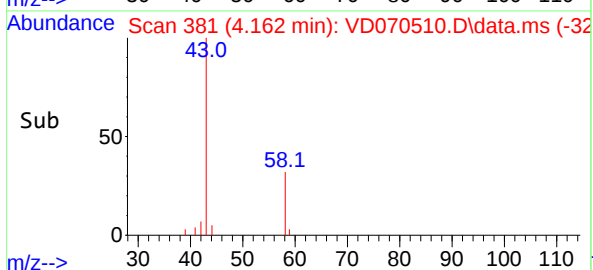
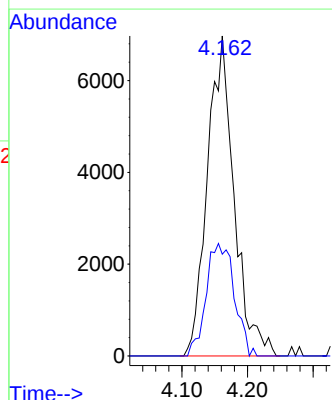
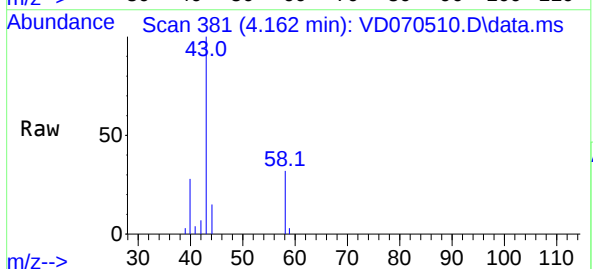
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

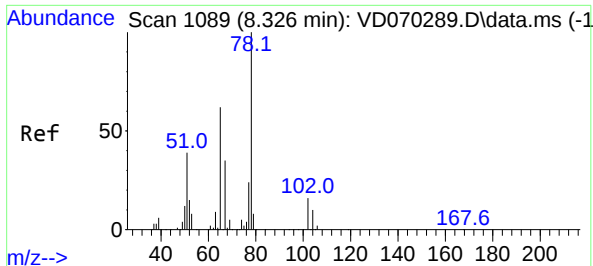
Tgt Ion:168 Resp: 193549
Ion Ratio Lower Upper
168 100
99 56.2 50.8 76.2



#16
Acetone
Concen: 44.503 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

Tgt Ion: 43 Resp: 19746
Ion Ratio Lower Upper
43 100
58 31.8 30.9 46.3



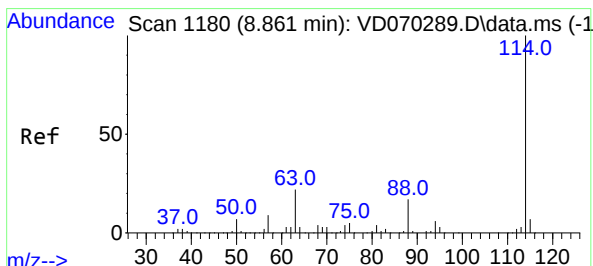
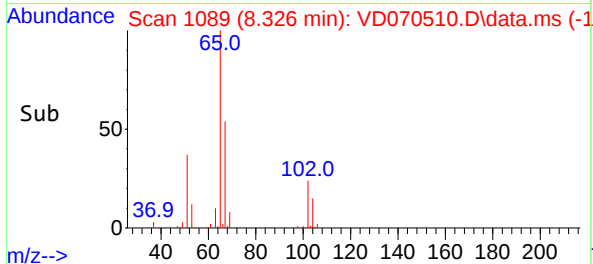
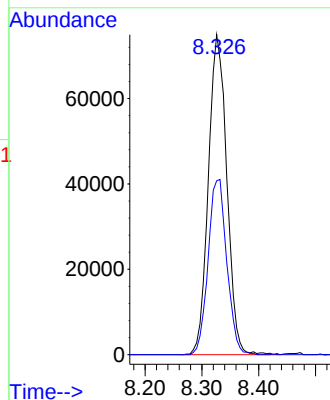
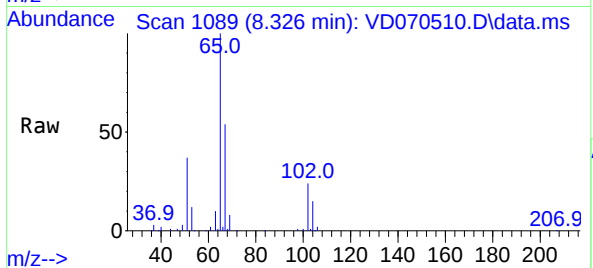


#33

1,2-Dichloroethane-d4
Concen: 67.886 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

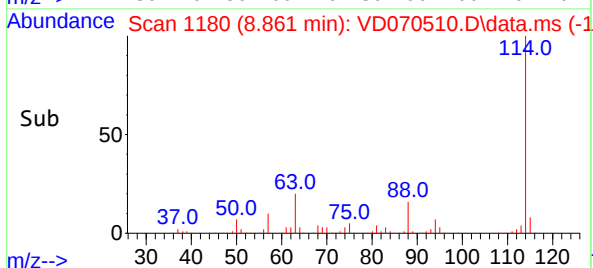
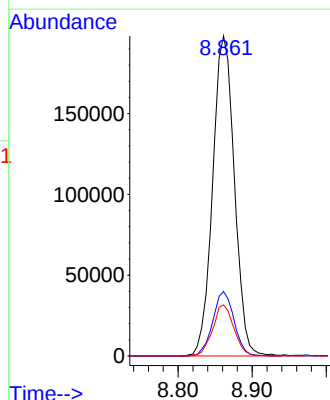
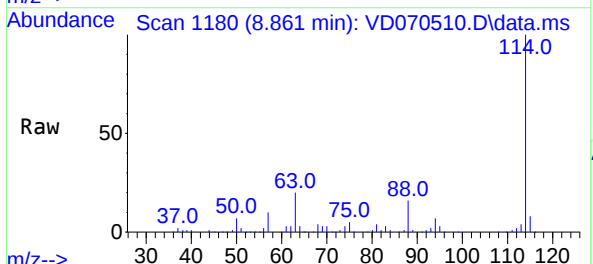
Tgt Ion: 65 Resp: 168711
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.4

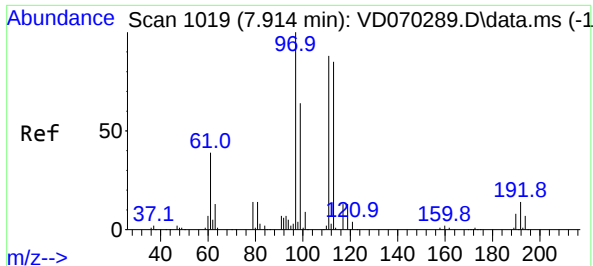


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

Tgt Ion:114 Resp: 403037
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.4
88 16.0 0.0 33.4



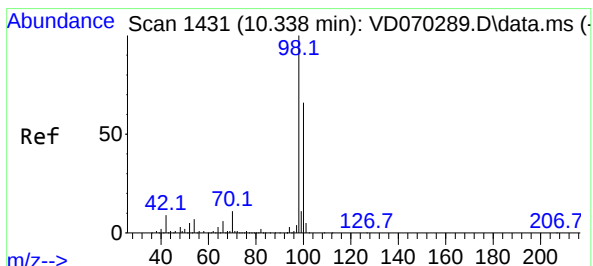
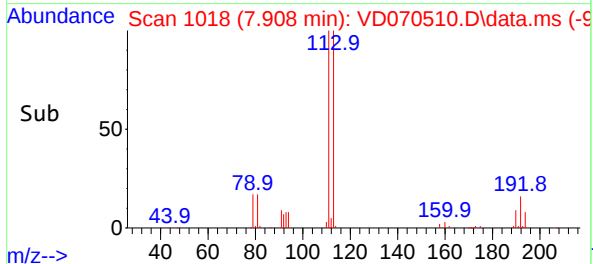
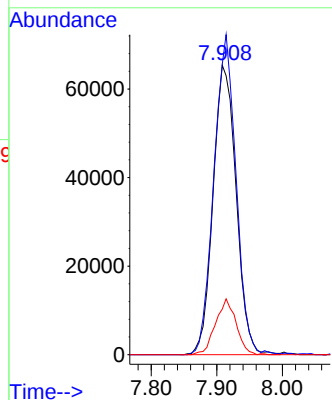
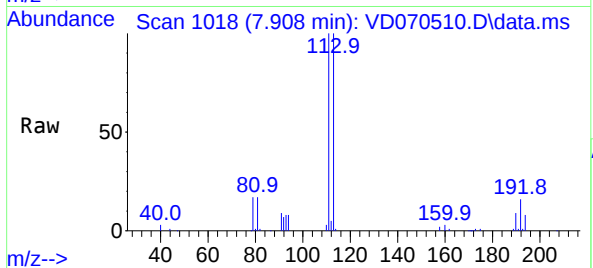


#35

Dibromofluoromethane
Concen: 55.661 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

Instrument :
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ClientSampleId :
SUB-SLAB-05(6-8)

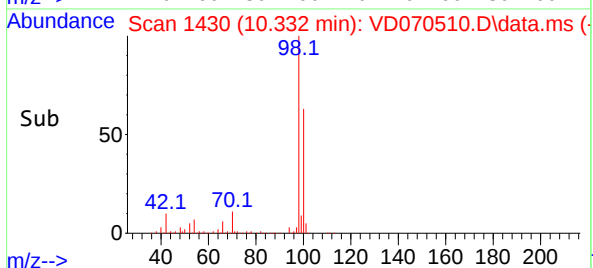
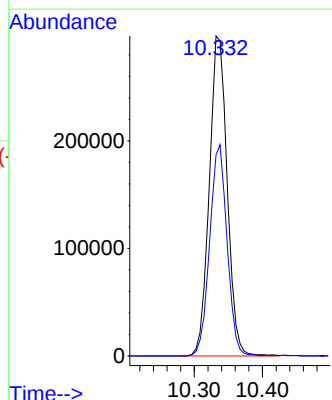
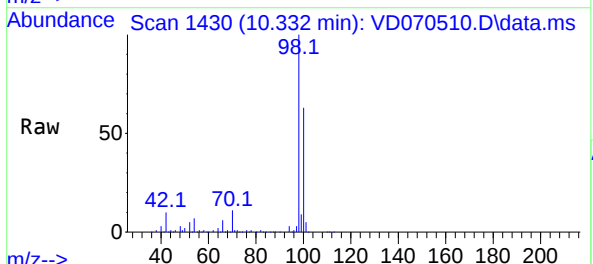
Tgt Ion:113 Resp: 159683
Ion Ratio Lower Upper
113 100
111 106.1 81.4 122.2
192 17.2 13.0 19.6

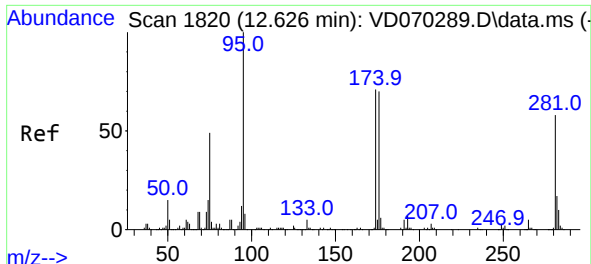


#50

Toluene-d8
Concen: 52.157 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

Tgt Ion: 98 Resp: 543281
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

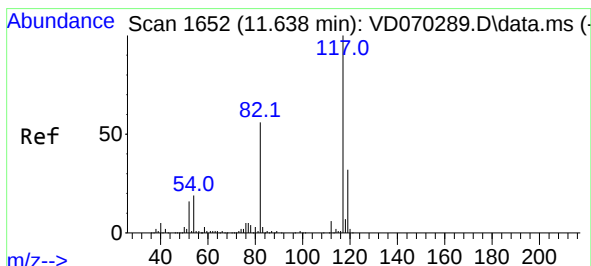
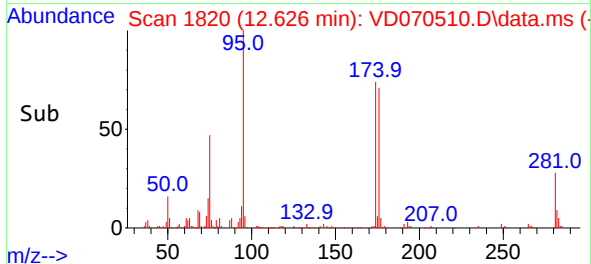
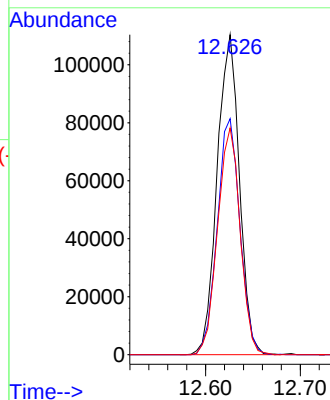
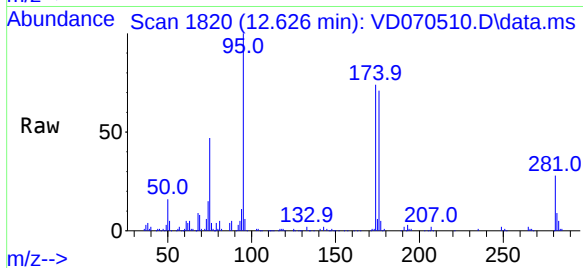




#62
4-Bromofluorobenzene
Concen: 49.500 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

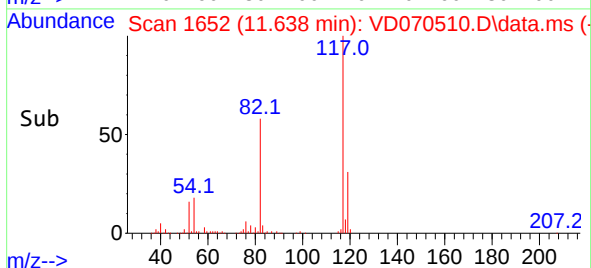
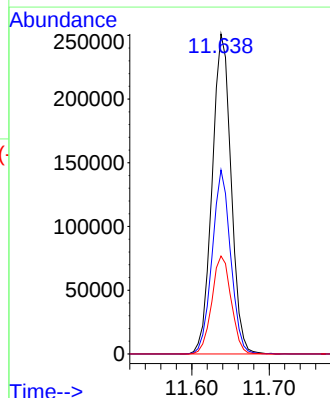
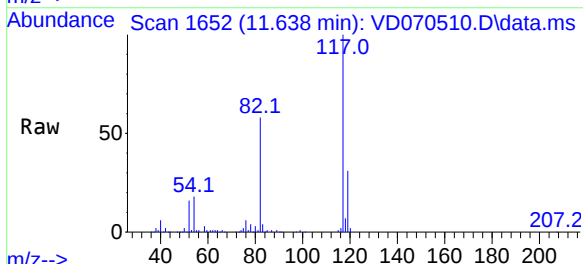
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

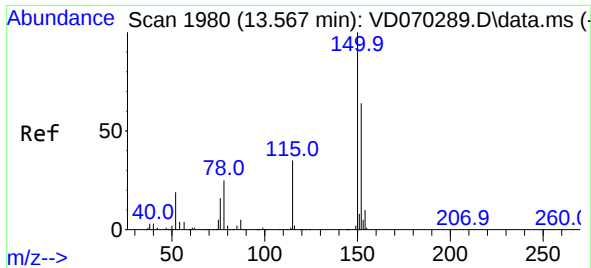
Tgt Ion:	95	Resp:	180195
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	140.6
176	71.9	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070510.D
Acq: 28 Sep 2021 18:48

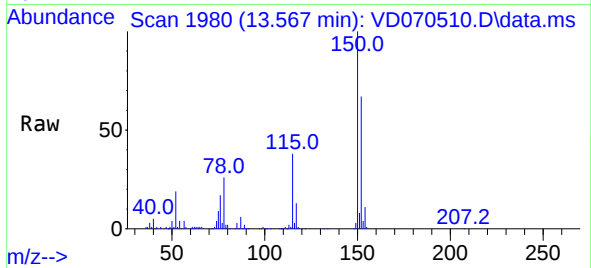
Tgt Ion:	117	Resp:	427434
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.0	67.4
119	30.6	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070510.D
 Acq: 28 Sep 2021 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-8)



Tgt Ion:	152	Resp:	183829
Ion	Ratio	Lower	Upper
152	100		
115	61.3	32.1	96.3
150	155.4	0.0	350.6

