

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070500.D
 Acq On : 28 Sep 2021 14:06
 Operator : VA/SY
 Sample : M3935-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S

Quant Time: Sep 28 23:42:17 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)

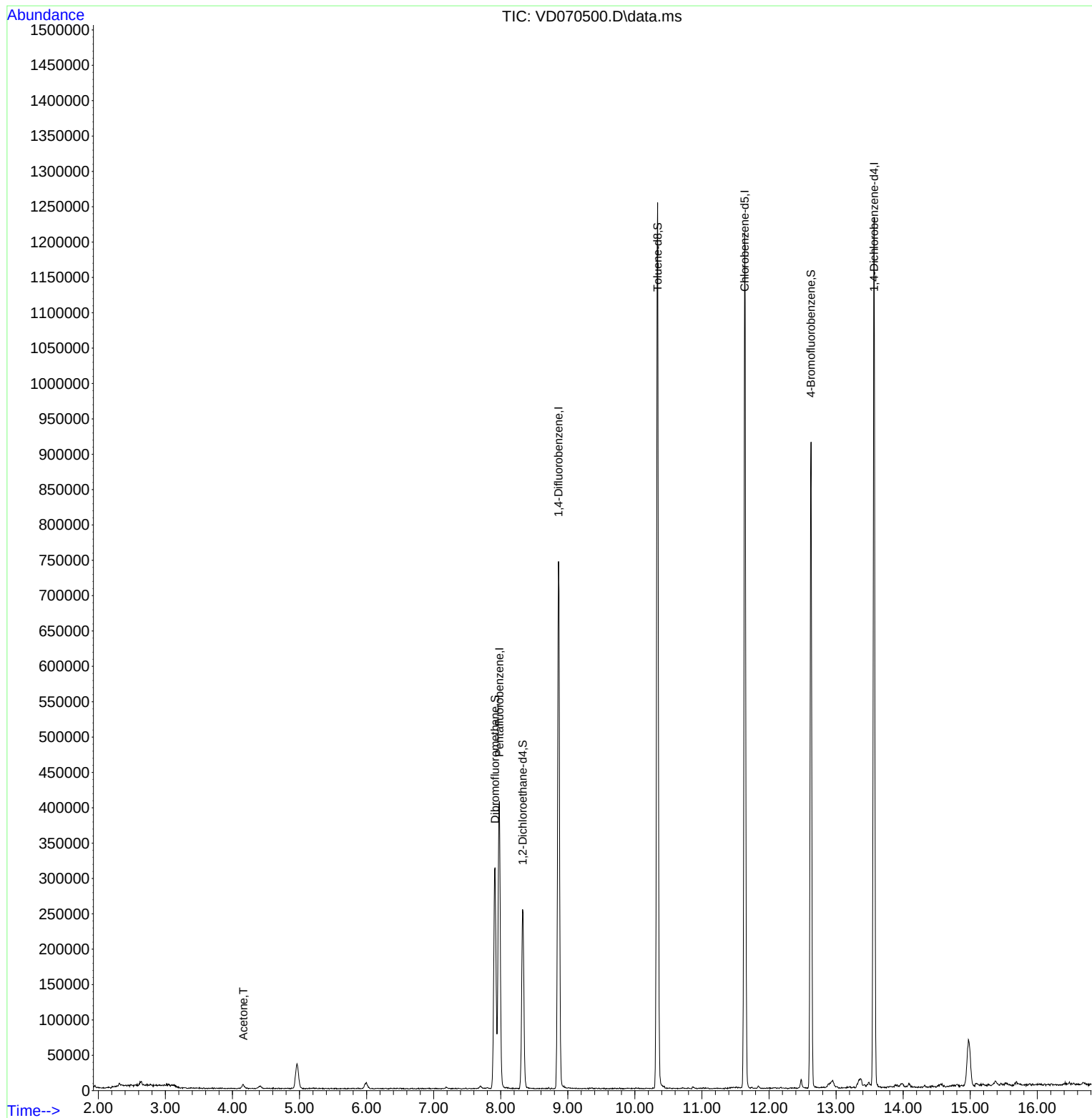
Internal Standards						
1) Pentafluorobenzene	7.979	168	293208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	649286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	329303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206740	54.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.914	113	232735	50.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.720%	
50) Toluene-d8	10.338	98	881157	52.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.626	95	325661	55.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.060%	
Target Compounds						Qvalue
16) Acetone	4.162	43	8342	12.411	ug/l #	80

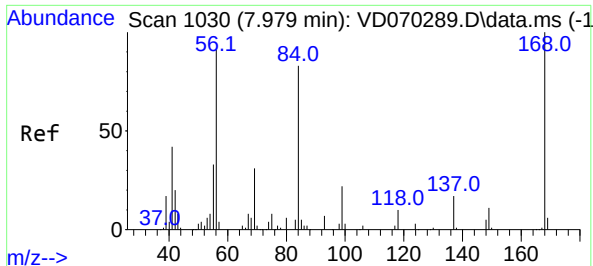
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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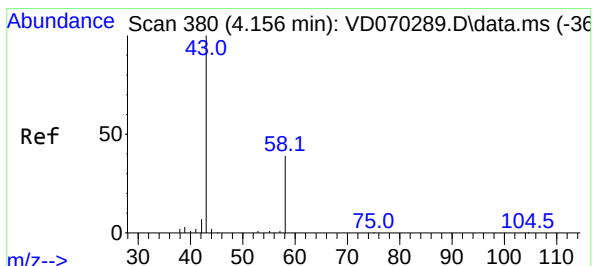
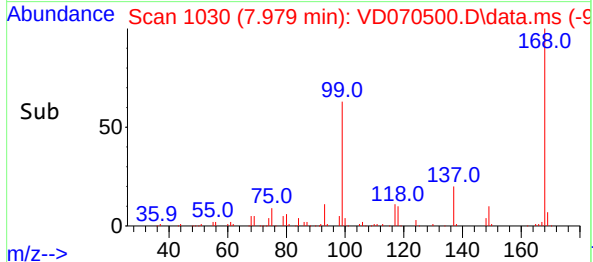
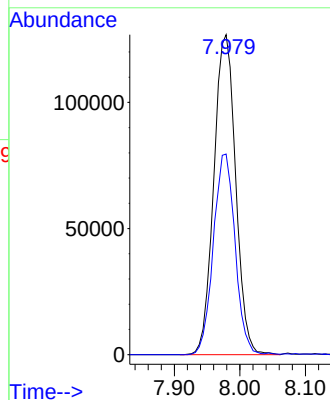
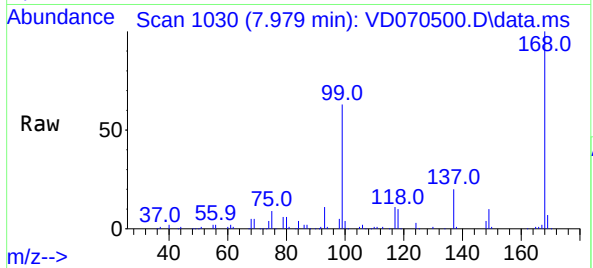




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

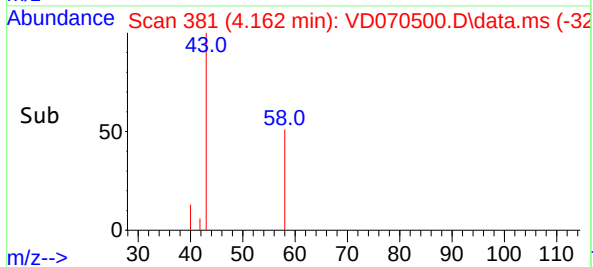
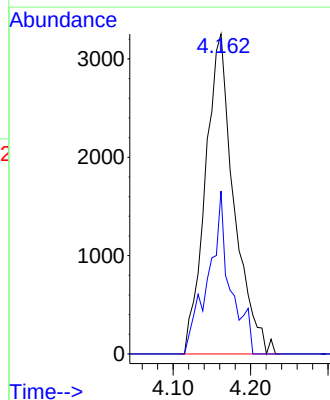
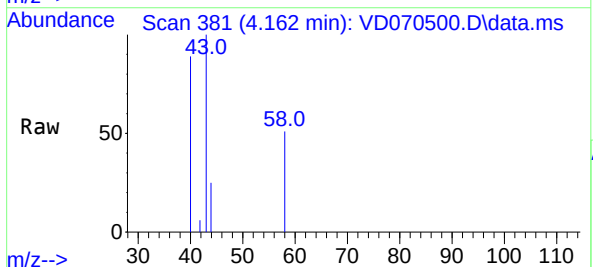
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

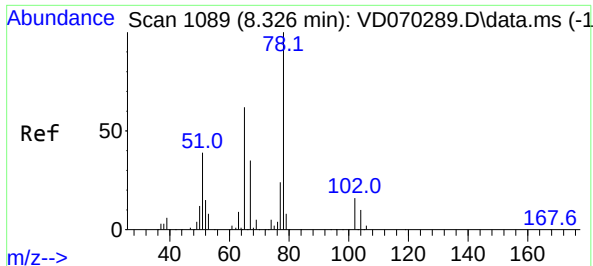
Tgt Ion:168 Resp: 293208
Ion Ratio Lower Upper
168 100
99 62.7 50.8 76.2



#16
Acetone
Concen: 12.411 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 43 Resp: 8342
Ion Ratio Lower Upper
43 100
58 50.9 30.9 46.3#

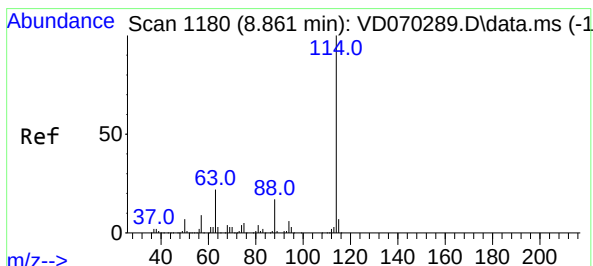
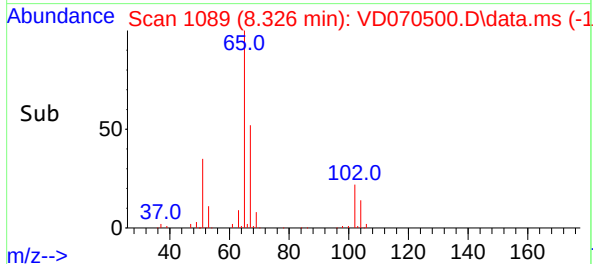
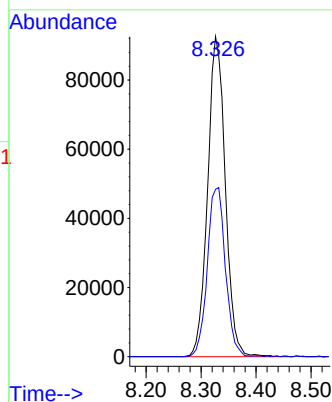
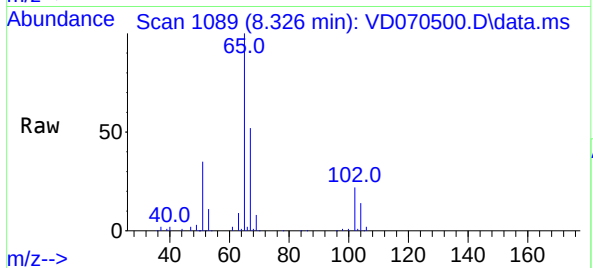




#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

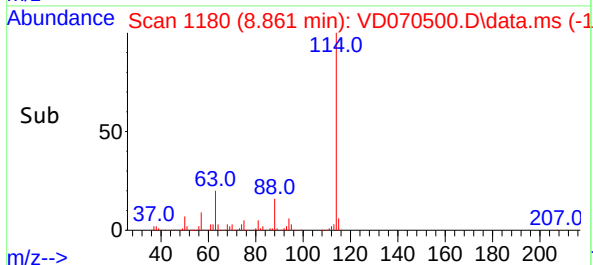
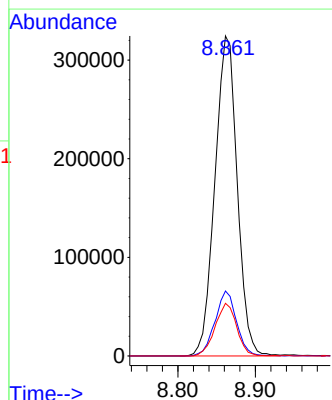
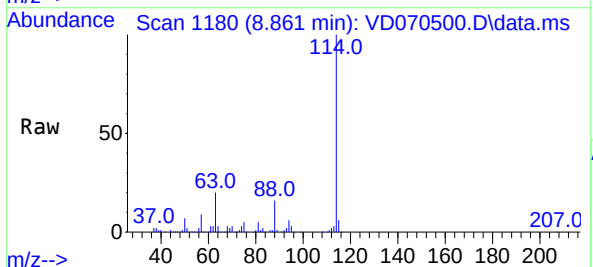
Instrument :
MSVOA_D
ClientSampled :
TP-1-S

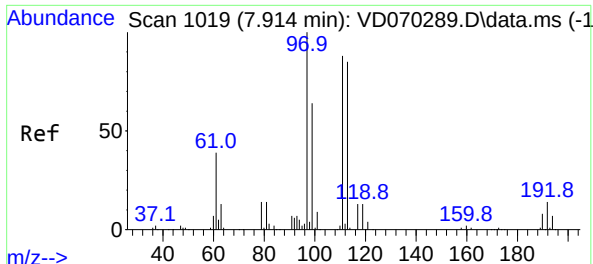
Tgt Ion: 65 Resp: 206740
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion:114 Resp: 649286
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 16.4 0.0 33.4

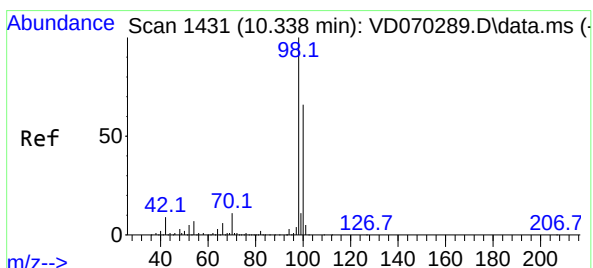
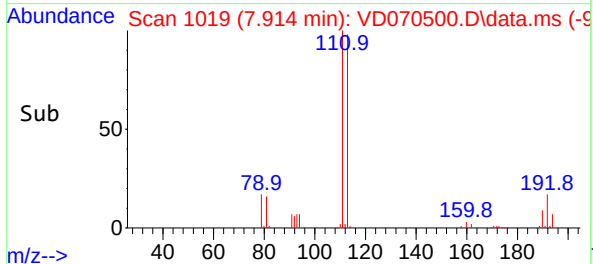
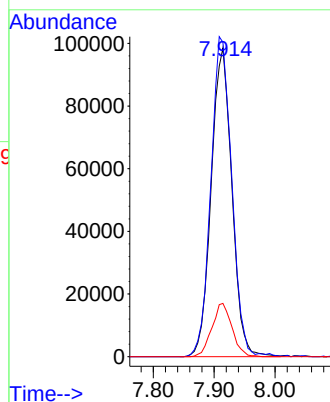
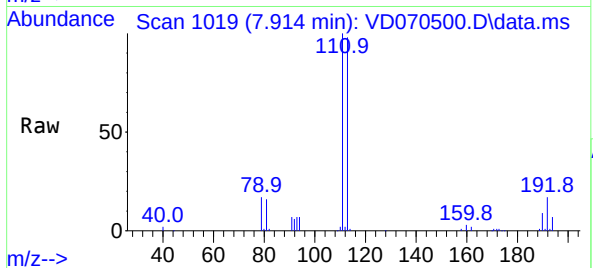




#35
Dibromofluoromethane
Concen: 50.357 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

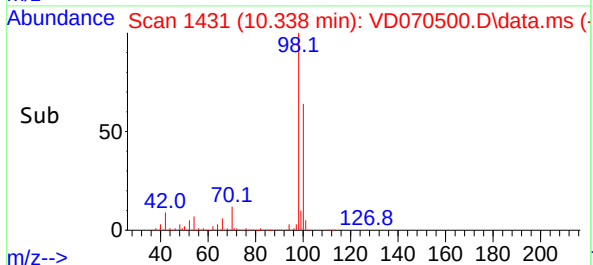
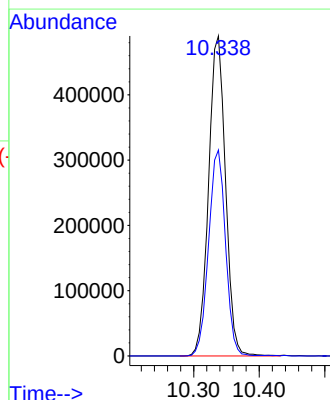
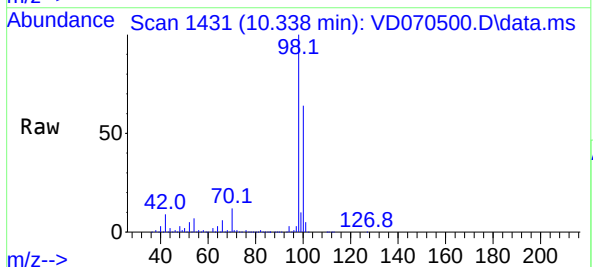
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

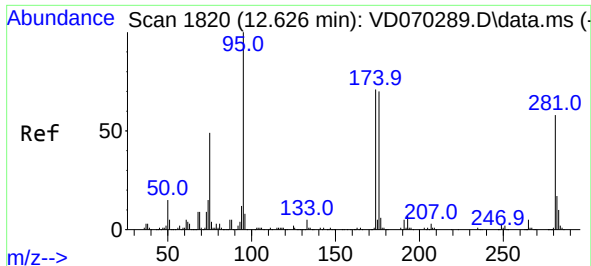
Tgt Ion:113 Resp: 232735
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.2
192 16.8 13.0 19.6



#50
Toluene-d8
Concen: 52.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 98 Resp: 881157
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

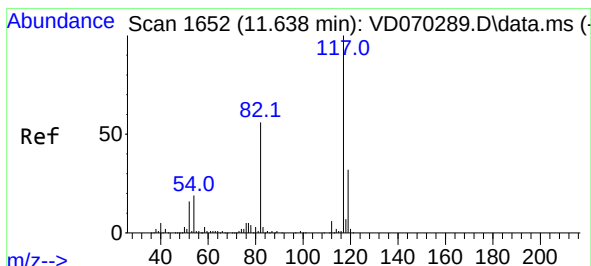
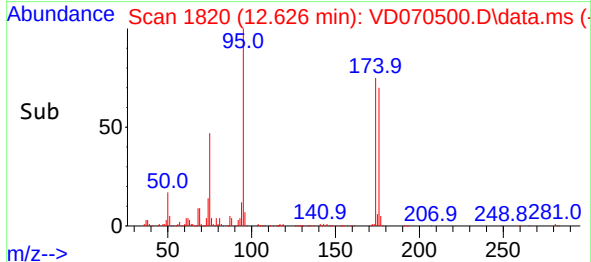
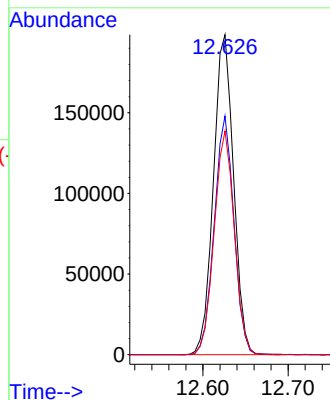
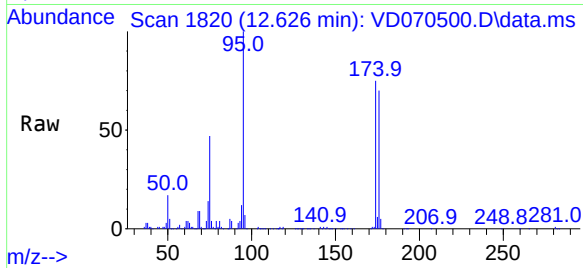




#62
4-Bromofluorobenzene
Concen: 55.531 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

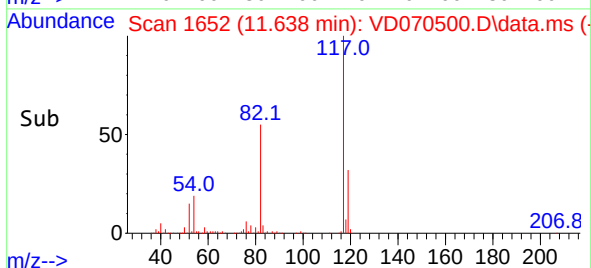
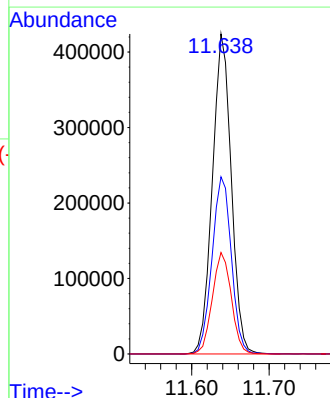
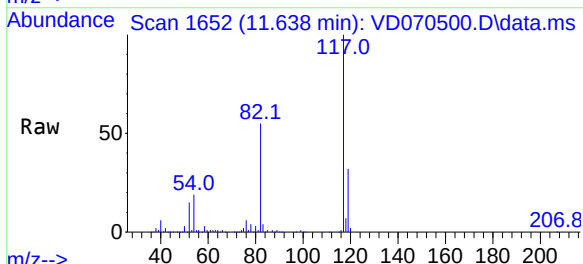
Instrument :
MSVOA_D
ClientSampled :
TP-1-S

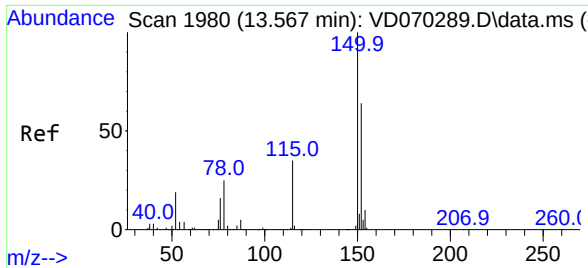
Tgt Ion: 95 Resp: 325661
Ion Ratio Lower Upper
95 100
174 73.1 0.0 140.6
176 69.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

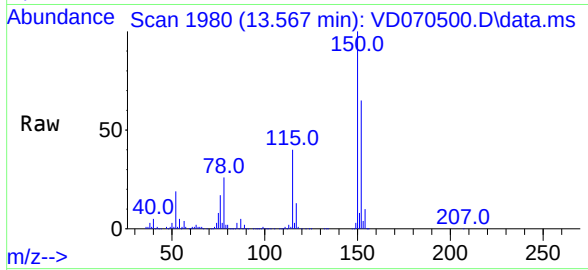
Tgt Ion: 117 Resp: 716816
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.7 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070500.D
 Acq: 28 Sep 2021 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S



Tgt Ion:152 Resp: 329303

Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.1	96.3
150	157.7	0.0	350.6

