

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070523.D
 Acq On : 29 Sep 2021 15:18
 Operator : VA/SY
 Sample : M3975-01
 Misc : 7.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-837-R-SO-2-2.5-092821

Quant Time: Sep 30 00:45:42 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)

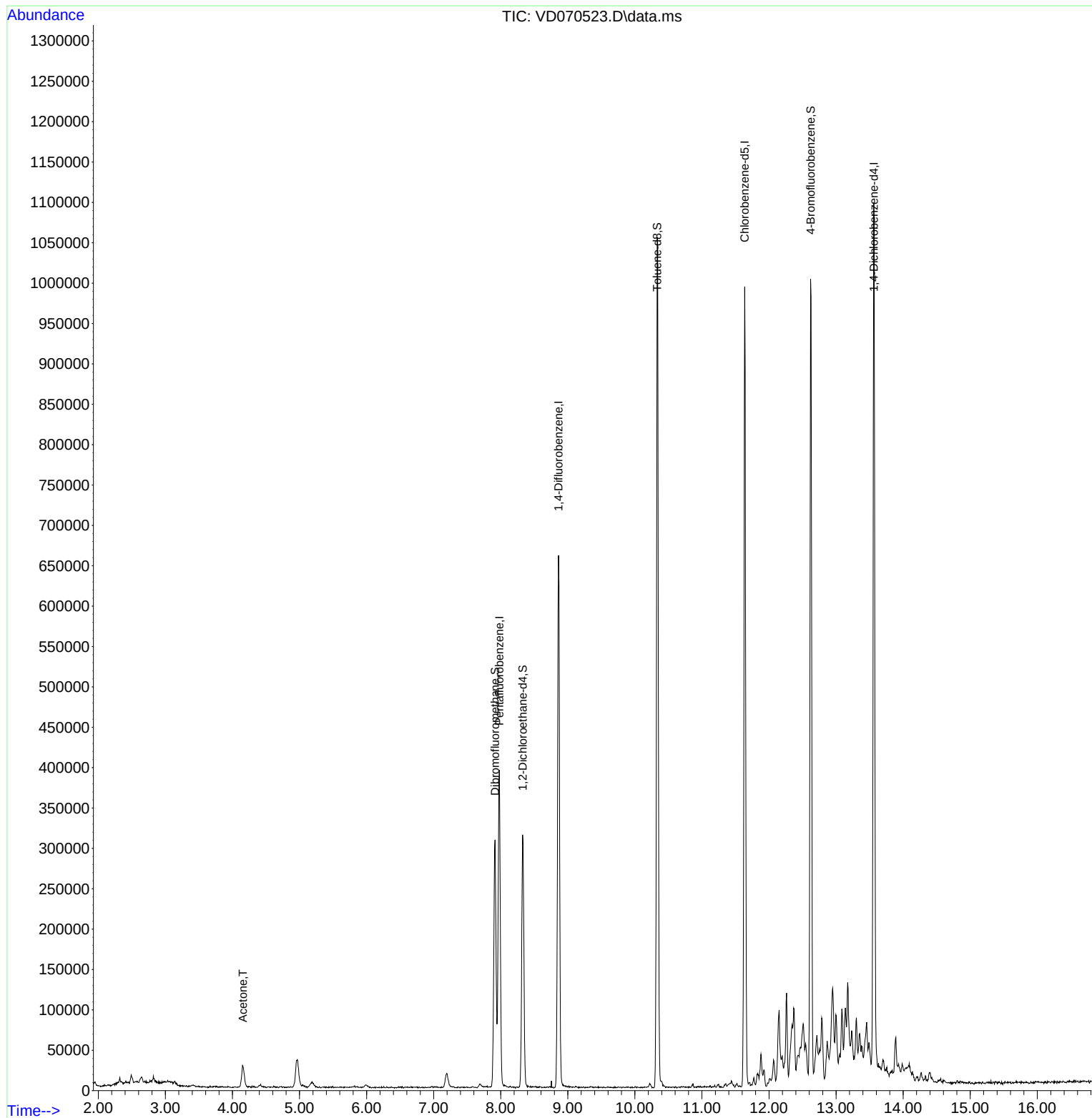
Internal Standards						
1) Pentafluorobenzene	7.979	168	276635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	580743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	588129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	288946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247636	69.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.440%	
35) Dibromofluoromethane	7.914	113	223628	54.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.332	98	754781	50.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.620	95	308709	58.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.700%	
Target Compounds						
16) Acetone	4.156	43	45827	72.263	ug/l	Qvalue 98

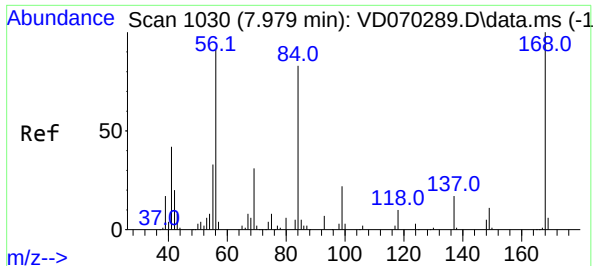
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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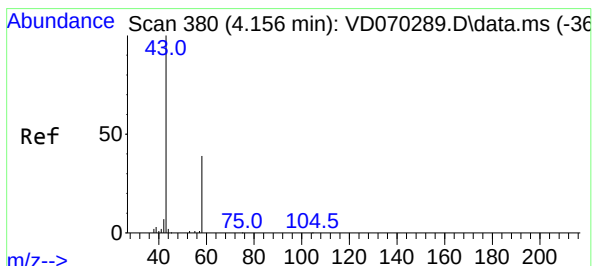
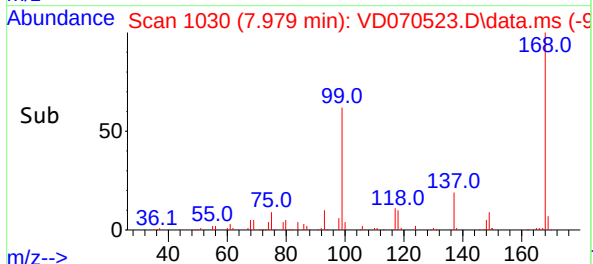
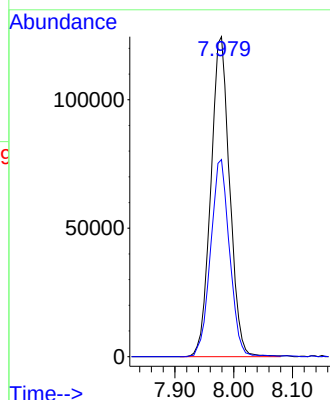
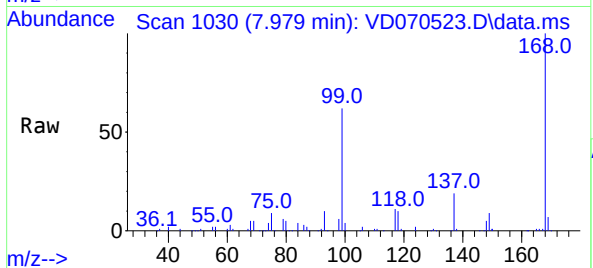




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

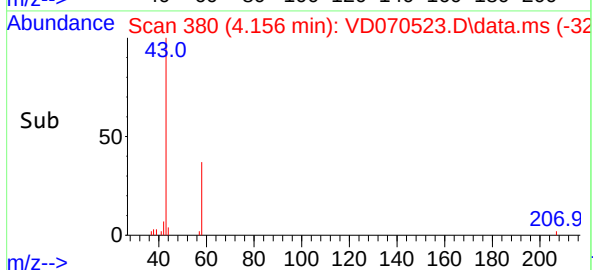
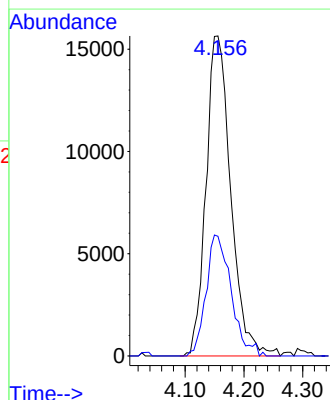
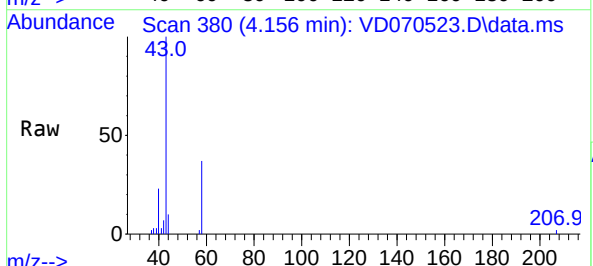
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-2-2.5-092821

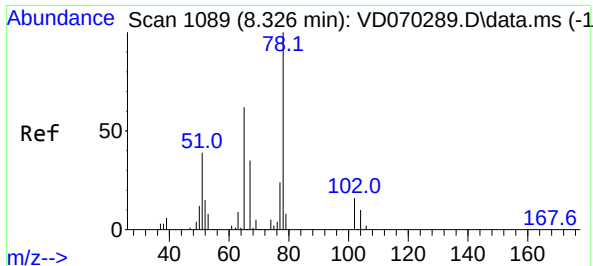
Tgt Ion:168 Resp: 276635
Ion Ratio Lower Upper
168 100
99 61.6 50.8 76.2



#16
Acetone
Concen: 72.263 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

Tgt Ion: 43 Resp: 45827
Ion Ratio Lower Upper
43 100
58 37.4 30.9 46.3

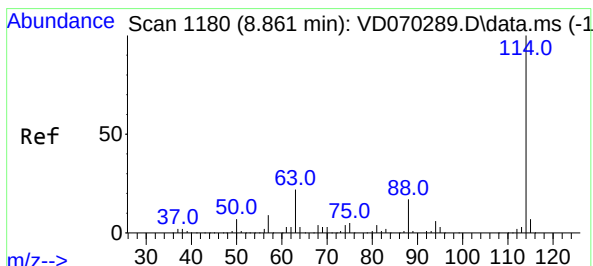
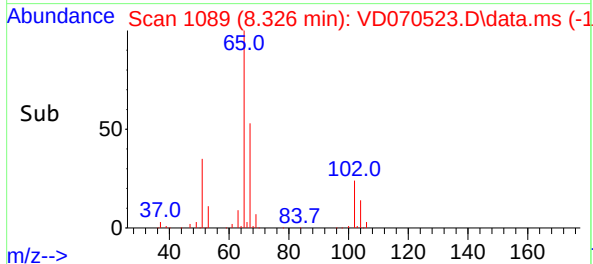
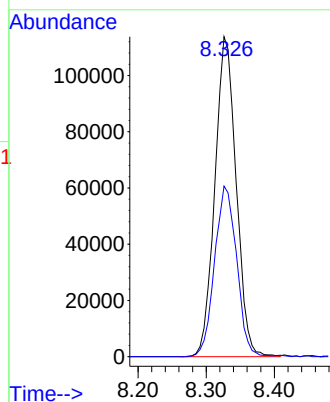
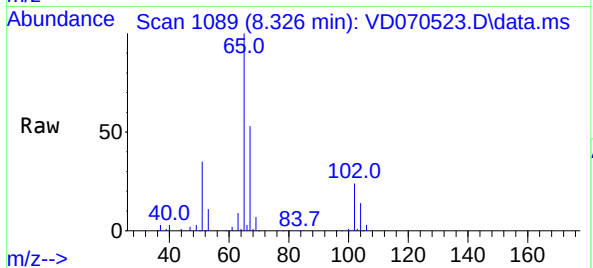




#33
1,2-Dichloroethane-d4
Concen: 69.716 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

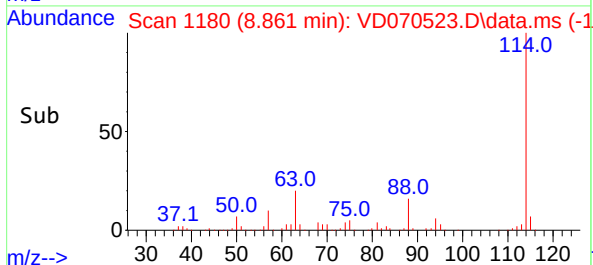
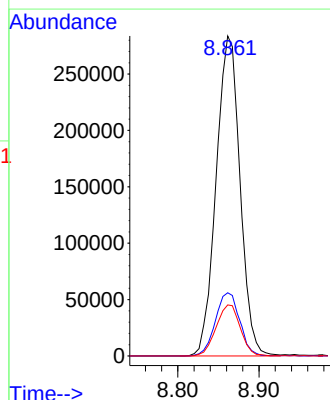
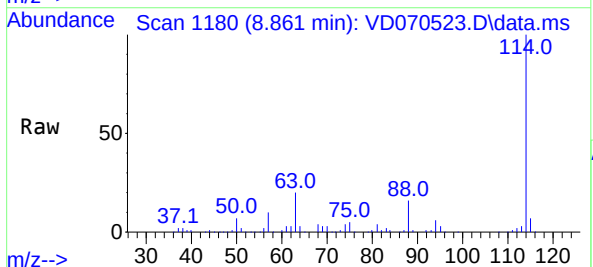
Instrument :
MSVOA_D
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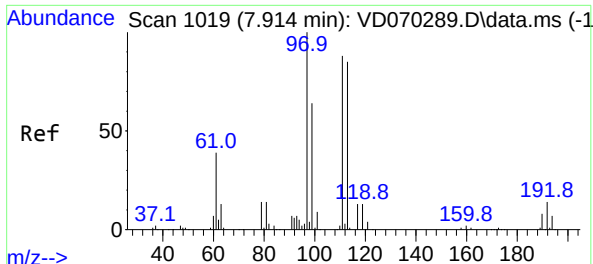
Tgt Ion: 65 Resp: 247636
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

Tgt Ion:114 Resp: 580743
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.4
88 15.9 0.0 33.4

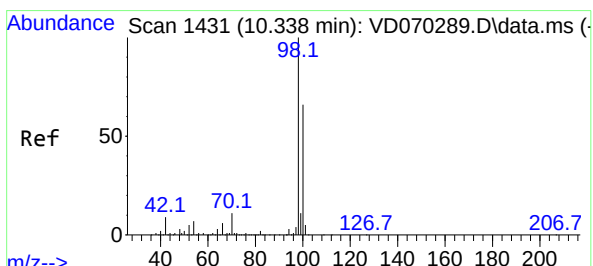
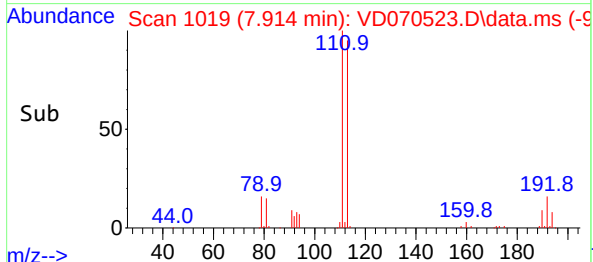
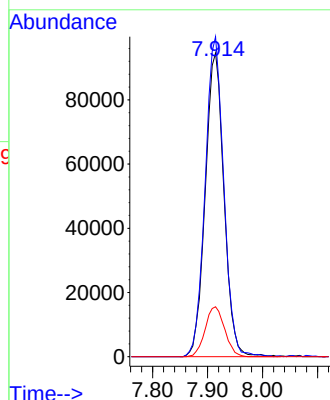
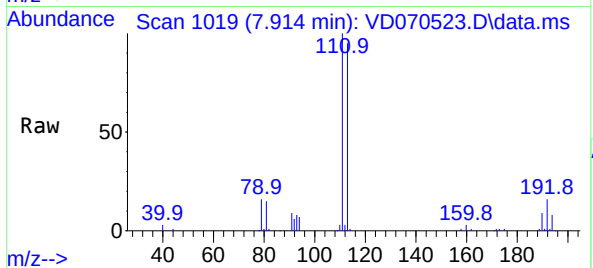




#35
Dibromofluoromethane
Concen: 54.097 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

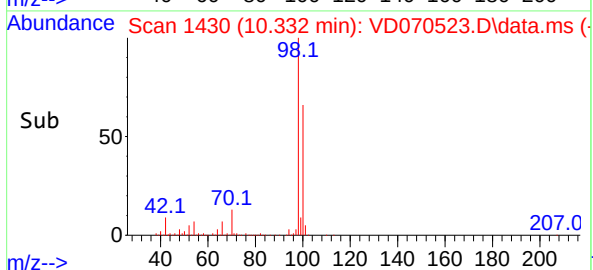
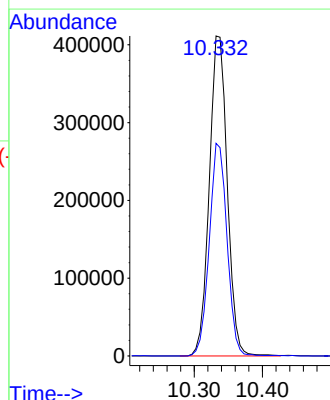
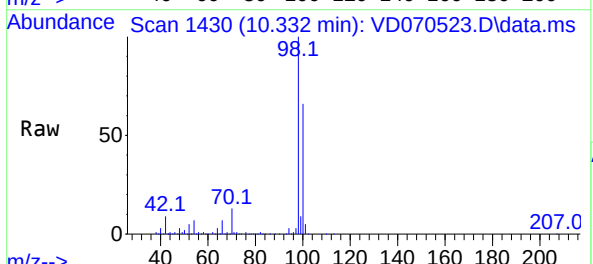
Instrument :
MSVOA_D
ClientSampleId :
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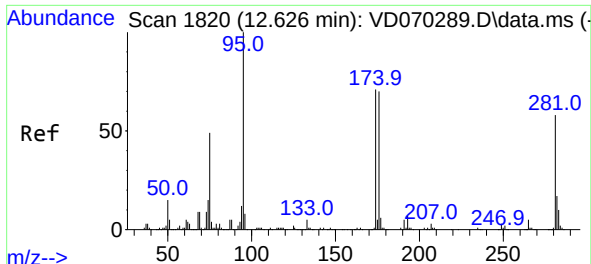
Tgt Ion:113 Resp: 223628
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.2
192 17.1 13.0 19.6



#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

Tgt Ion: 98 Resp: 754781
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

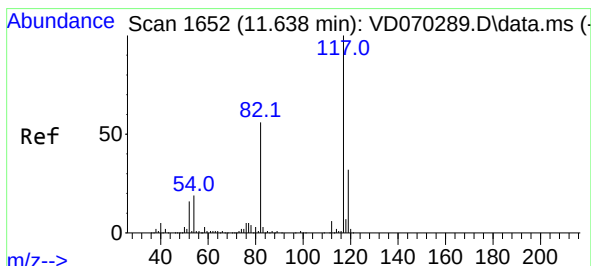
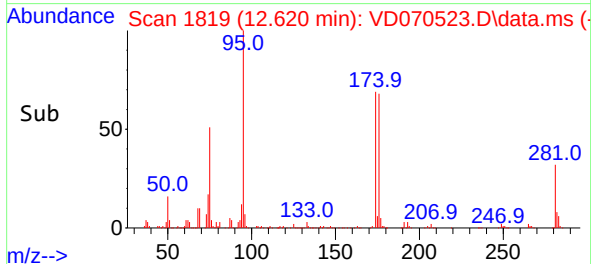
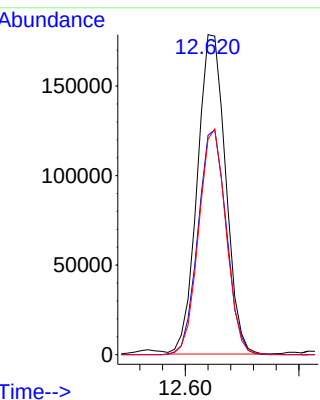
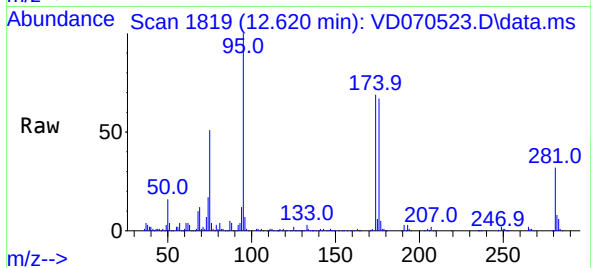




#62
4-Bromofluorobenzene
Concen: 58.853 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

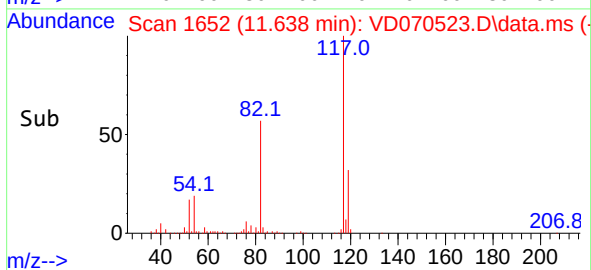
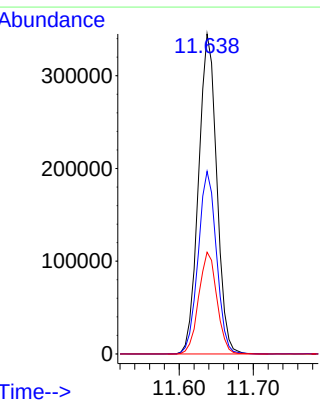
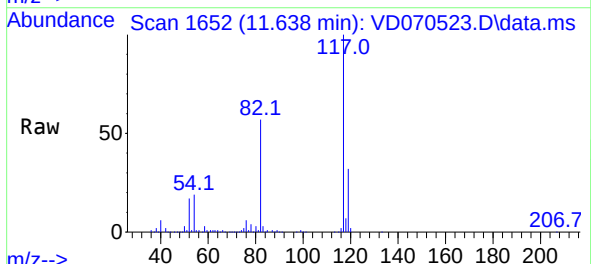
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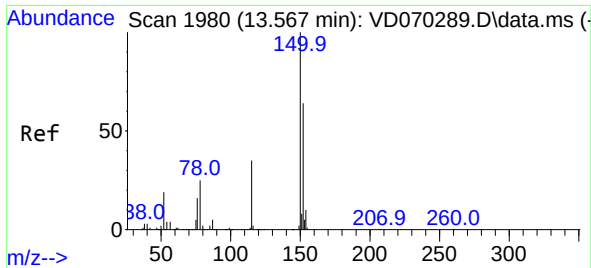
Tgt Ion:	95	Resp:	308709
Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	140.6
176	68.2	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070523.D
Acq: 29 Sep 2021 15:18

Tgt Ion:	117	Resp:	588129
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.0	67.4
119	31.8	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: VD070523.D
 Acq: 29 Sep 2021 15:18

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Tgt Ion:152 Resp: 288946

Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	155.5	0.0	350.6

