

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070501.D
 Acq On : 28 Sep 2021 14:34
 Operator : VA/SY
 Sample : M3922-04
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-02-(43-45)

Quant Time: Sep 28 23:42:31 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)

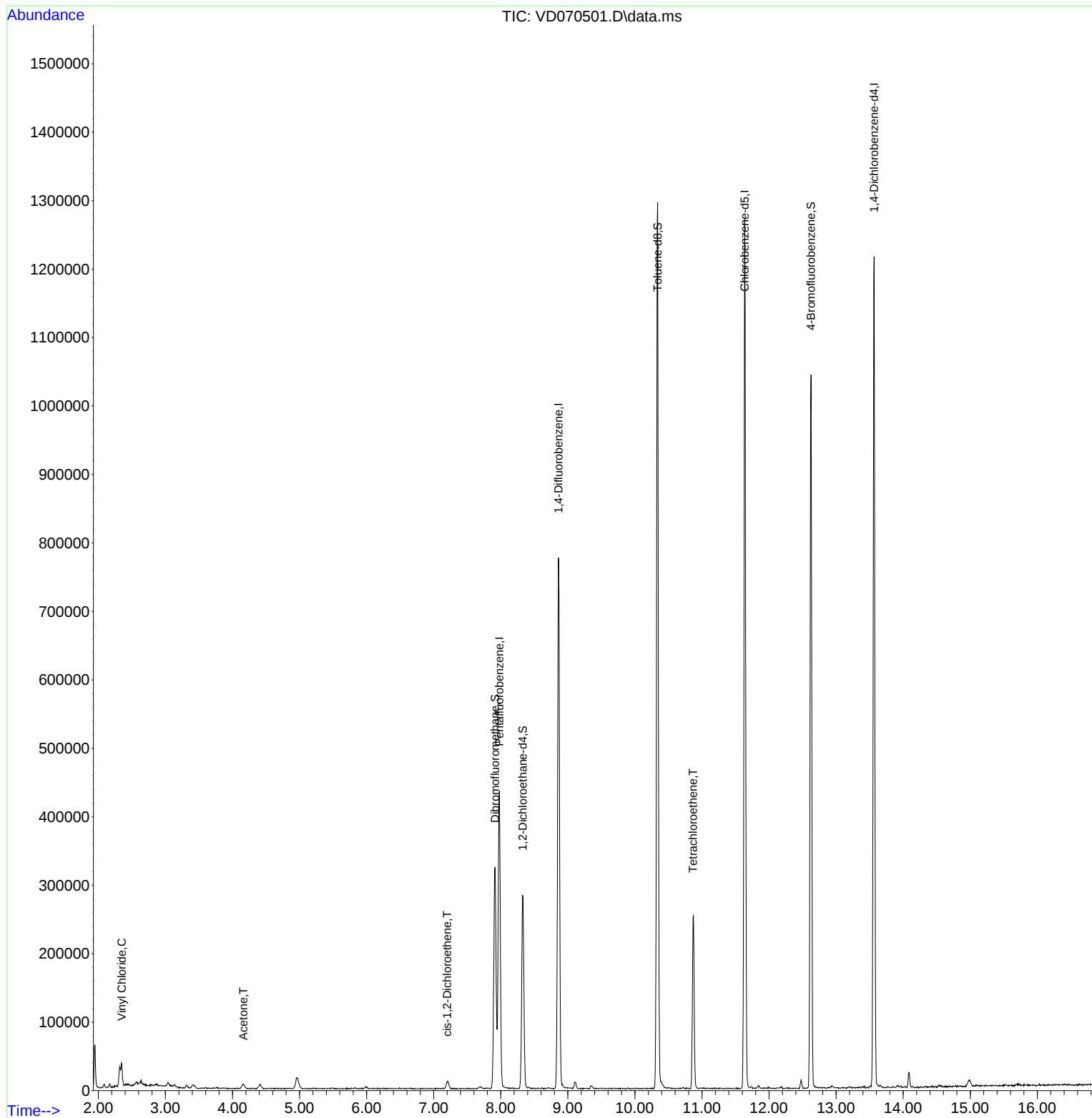
Internal Standards						
1) Pentafluorobenzene	7.979	168	305917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	674346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	740482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	328543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228253	58.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.220%			
35) Dibromofluoromethane	7.914	113	245105	51.063	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.120%			
50) Toluene-d8	10.338	98	908461	52.127	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.626	95	337867	55.471	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.940%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	15813	3.285	ug/l #	81
16) Acetone	4.161	43	11875	16.933	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	6751	1.482	ug/l	88
64) Tetrachloroethene	10.867	164	59924	13.292	ug/l	97

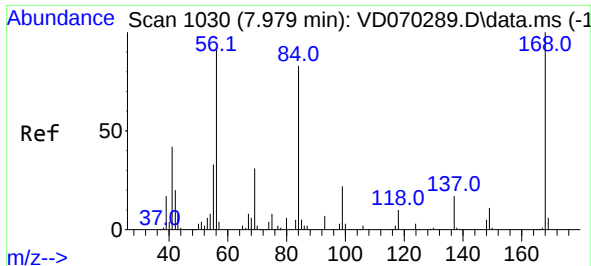
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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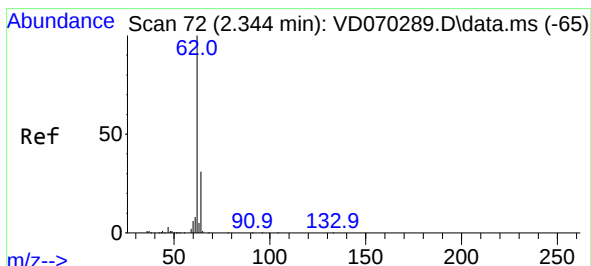
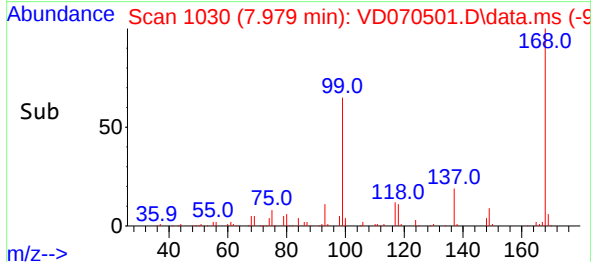
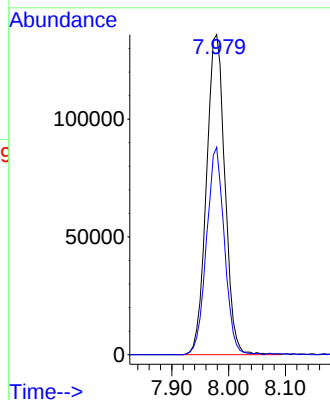
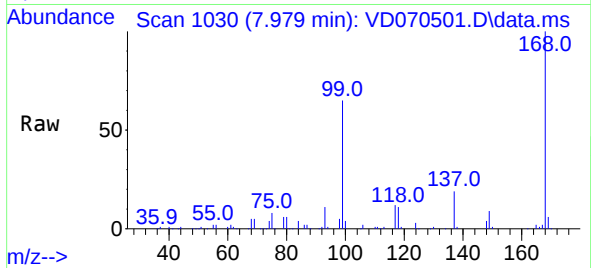




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

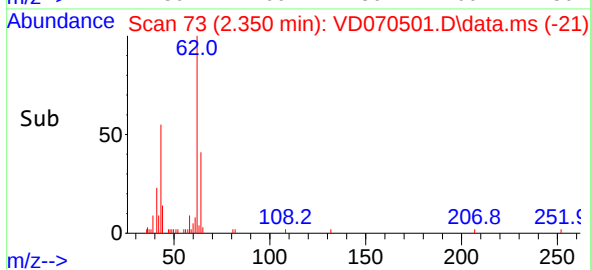
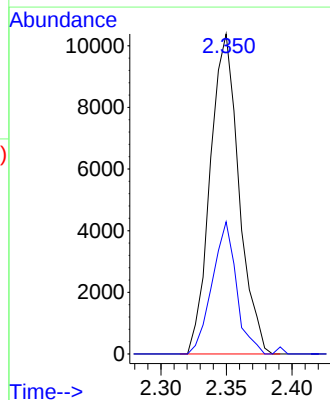
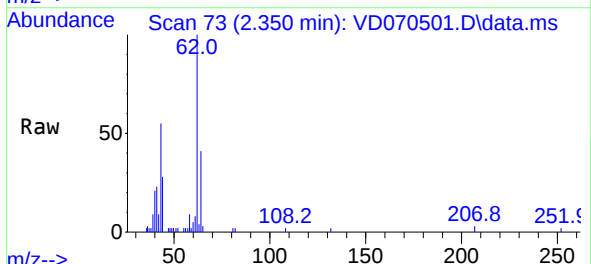
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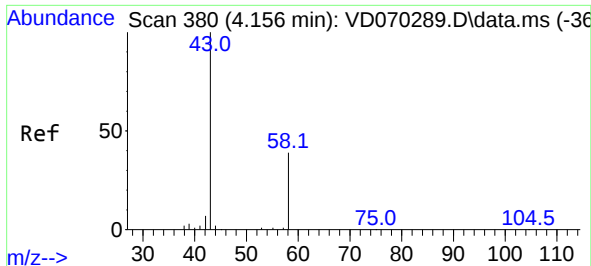
Tgt Ion:168 Resp: 305917
Ion Ratio Lower Upper
168 100
99 64.8 50.8 76.2



#4
Vinyl Chloride
Concen: 3.285 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Tgt Ion: 62 Resp: 15813
Ion Ratio Lower Upper
62 100
64 41.3 24.6 36.8#

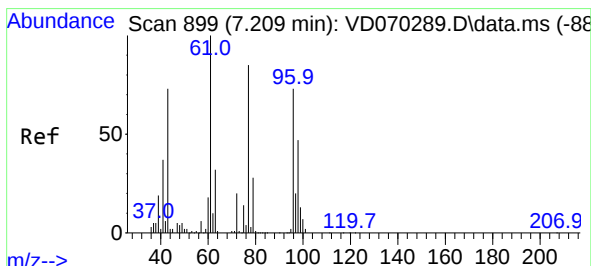
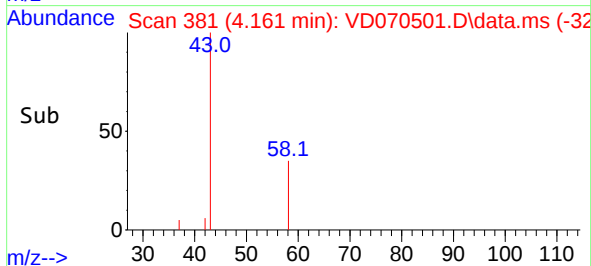
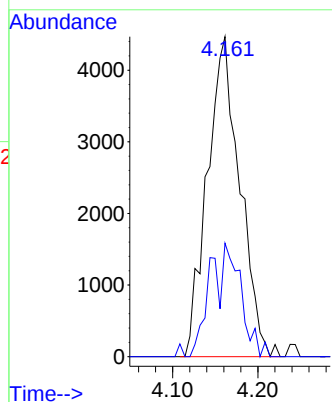
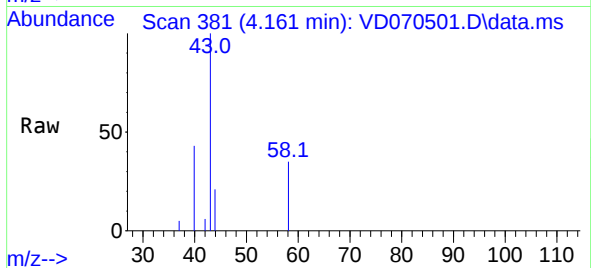




#16
Acetone
Concen: 16.933 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

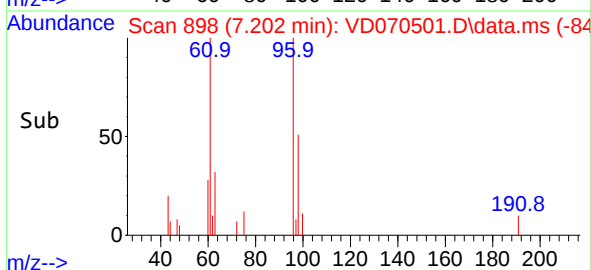
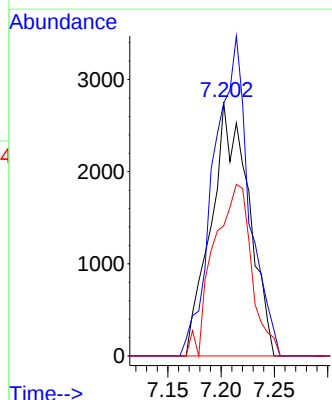
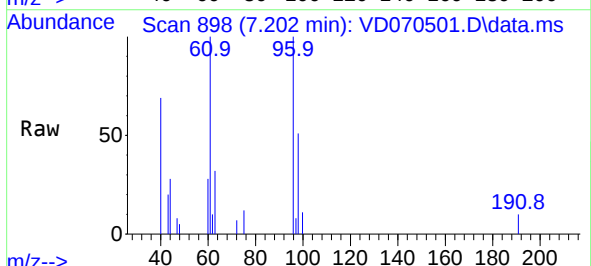
Instrument :
MSVOA_D
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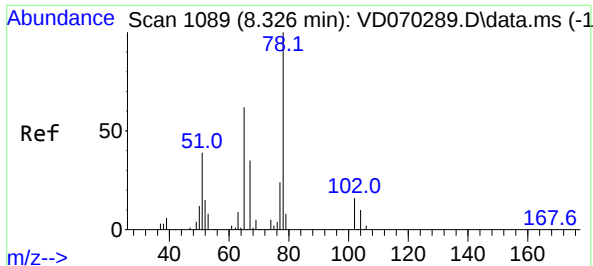
Tgt Ion: 43 Resp: 11875
Ion Ratio Lower Upper
43 100
58 35.4 30.9 46.3



#27
cis-1,2-Dichloroethene
Concen: 1.482 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Tgt Ion: 96 Resp: 6751
Ion Ratio Lower Upper
96 100
61 118.8 0.0 277.4
98 67.7 0.0 130.0

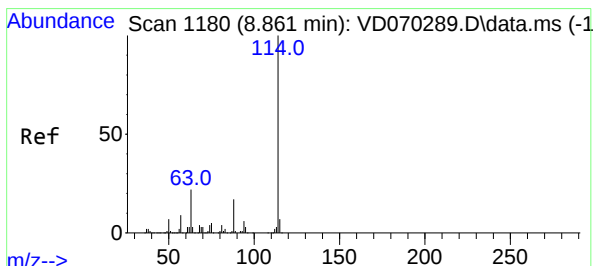
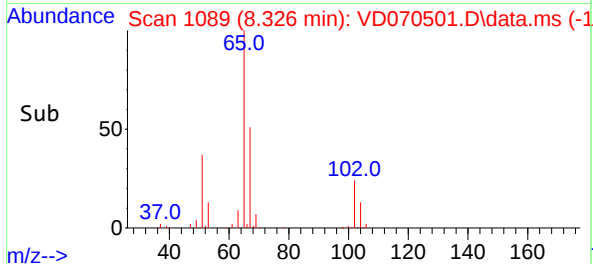
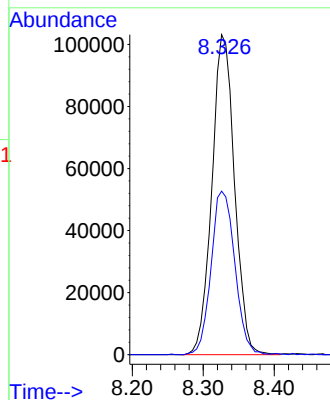
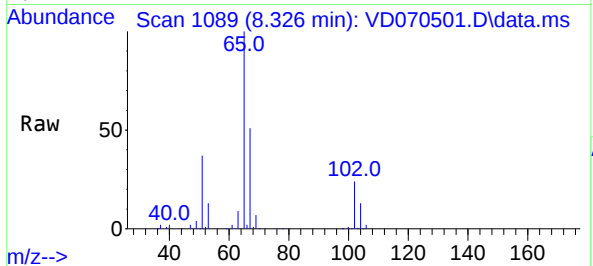




#33
1,2-Dichloroethane-d4
Concen: 58.109 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

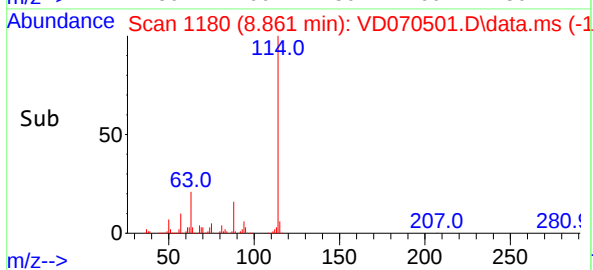
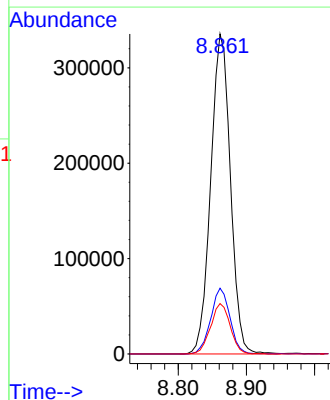
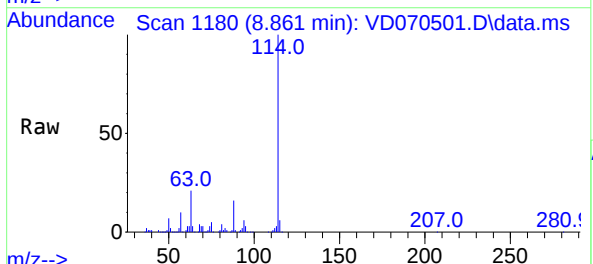
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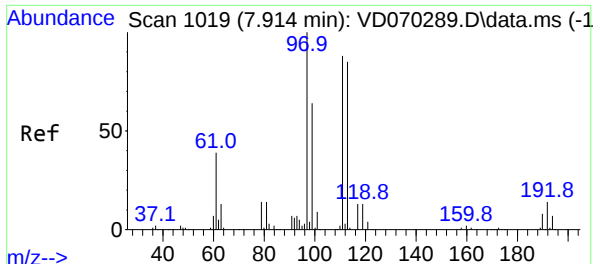
Tgt Ion: 65 Resp: 228253
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Tgt Ion:114 Resp: 674346
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 15.8 0.0 33.4

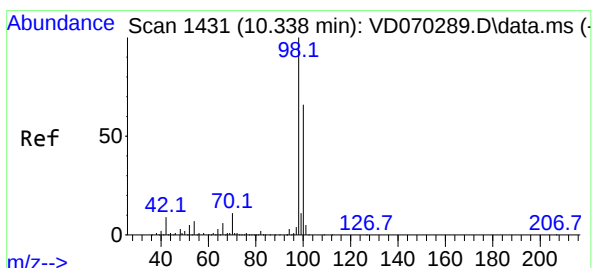
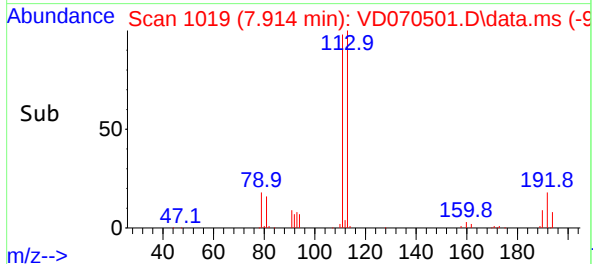
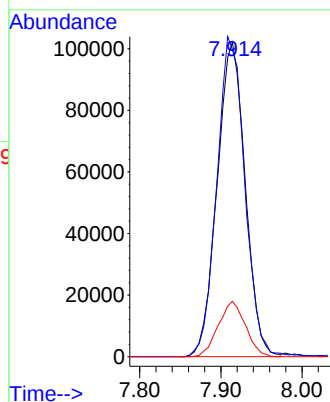
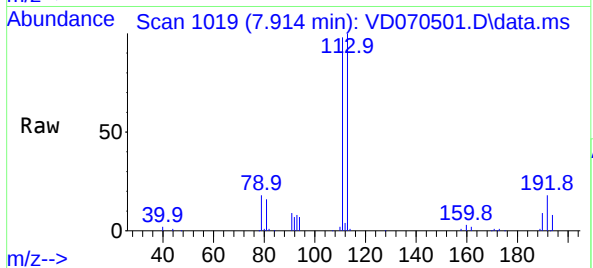




#35
Dibromofluoromethane
Concen: 51.063 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

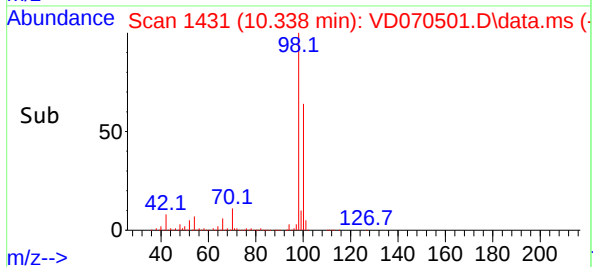
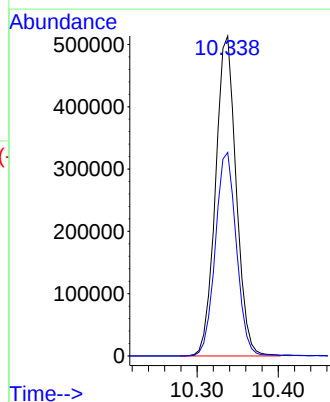
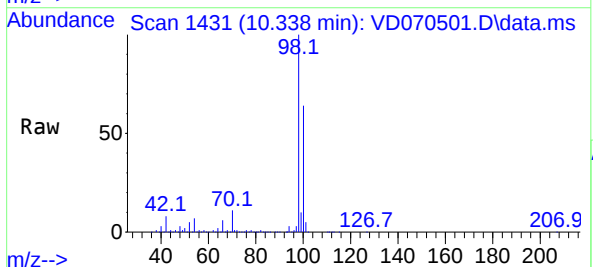
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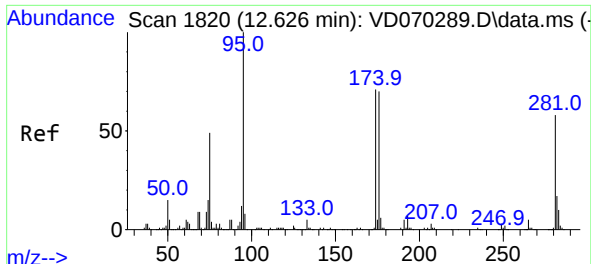
Tgt Ion:113 Resp: 245105
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.2
192 17.0 13.0 19.6



#50
Toluene-d8
Concen: 52.127 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Tgt Ion: 98 Resp: 908461
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

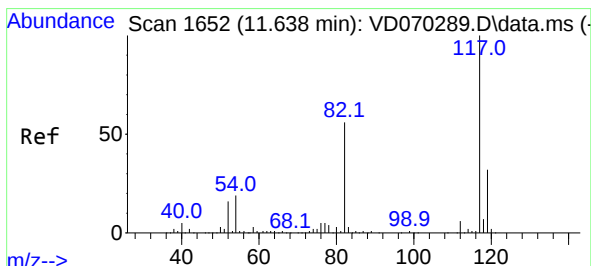
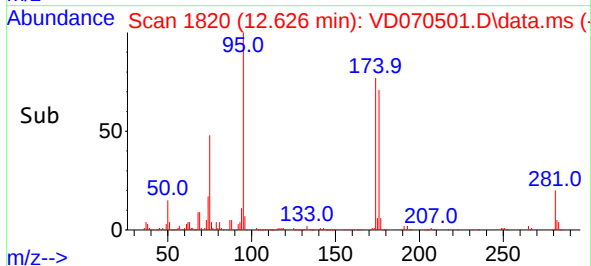
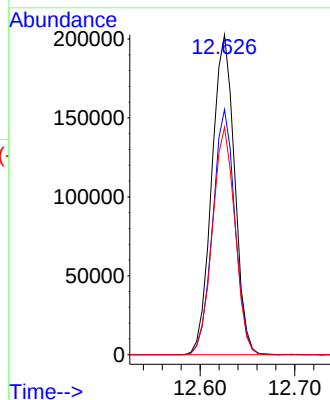
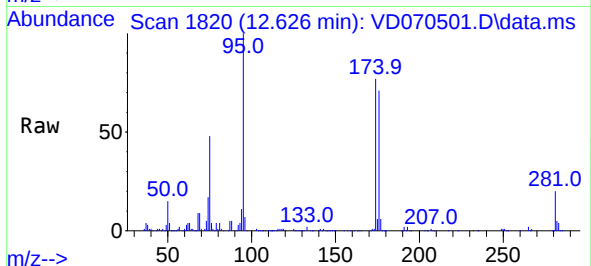




#62
4-Bromofluorobenzene
Concen: 55.471 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

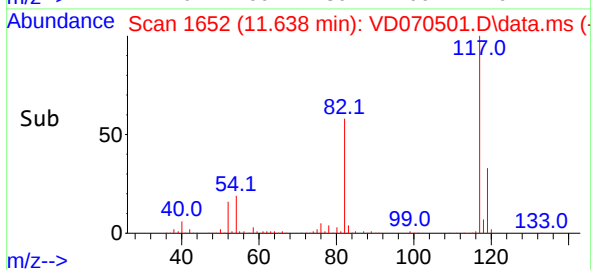
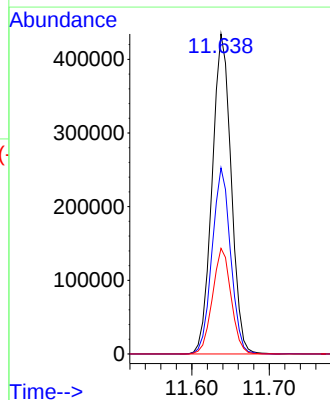
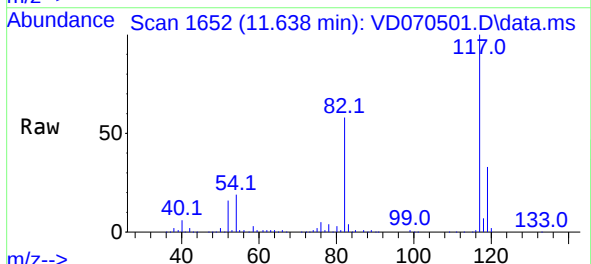
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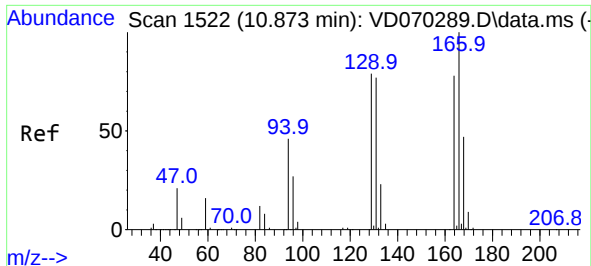
Tgt Ion: 95 Resp: 337867
Ion Ratio Lower Upper
95 100
174 75.0 0.0 140.6
176 70.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Tgt Ion: 117 Resp: 740482
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 33.0 25.2 37.8



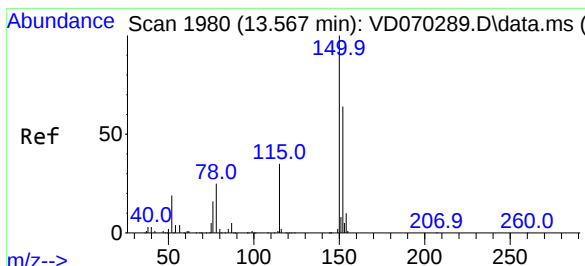
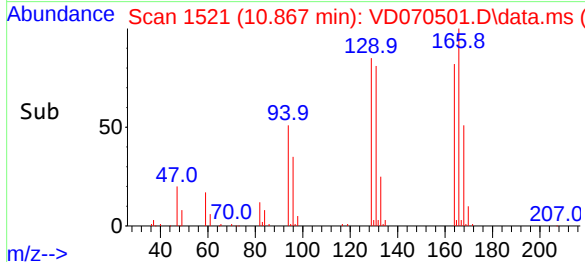
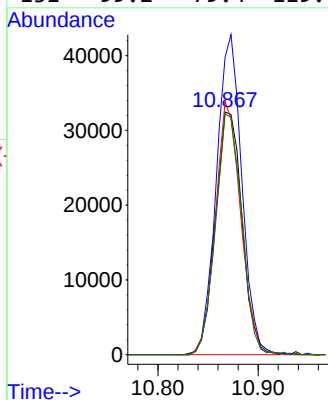
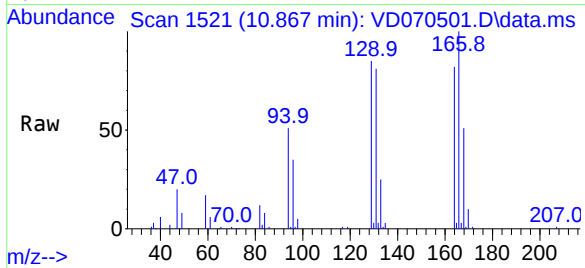


#64
Tetrachloroethene
Concen: 13.292 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Instrument :
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ClientSampleId :
SUB-SLAB-02-(43-45)

Tgt Ion:164 Resp: 59924

Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.4	153.6
129	104.2	80.9	121.3
131	99.2	79.4	119.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070501.D
Acq: 28 Sep 2021 14:34

Tgt Ion:152 Resp: 328543

Ion	Ratio	Lower	Upper
152	100		
115	62.5	32.1	96.3
150	160.2	0.0	350.6

