

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070520.D
 Acq On : 29 Sep 2021 13:55
 Operator : VA/SY
 Sample : M3938-05RE
 Misc : 7.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-08(6-8)RE

Quant Time: Sep 30 00:44:48 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)

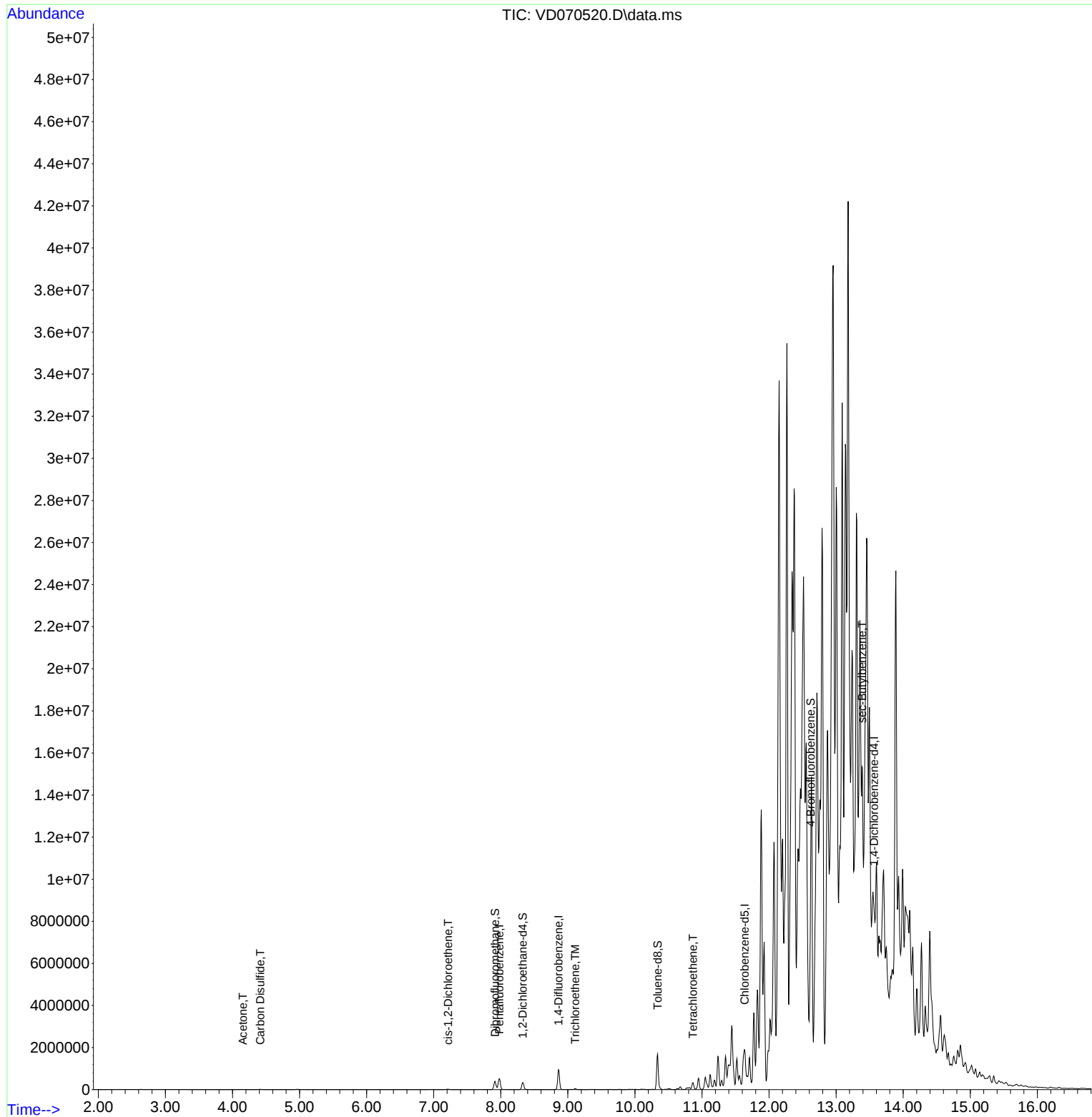
Internal Standards						
1) Pentafluorobenzene	7.979	168	371089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	813911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	873294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	625058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	274283	57.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.120%			
35) Dibromofluoromethane	7.914	113	280189	48.362	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.720%			
50) Toluene-d8	10.337	98	1102250	52.401	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.620	95	1171221	159.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 318.640%#			
Target Compounds					Qvalue	
16) Acetone	4.155	43	11689	13.741	ug/l	93
17) Carbon Disulfide	4.414	76	26657	1.672	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	13313	2.410	ug/l	91
44) Trichloroethene	9.108	130	16668	2.736	ug/l	96
64) Tetrachloroethene	10.867	164	36594	6.882	ug/l	97
85) sec-Butylbenzene	13.390	105	524766	10.881	ug/l #	56

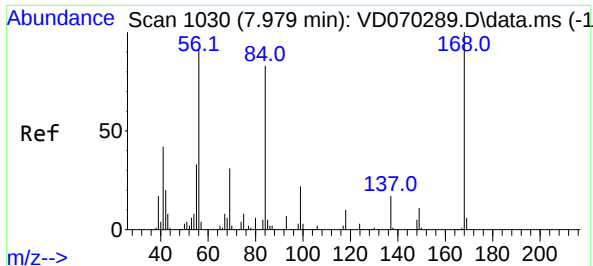
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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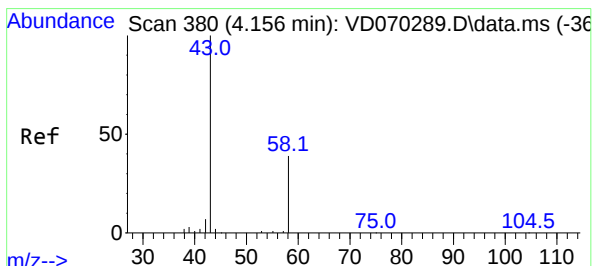
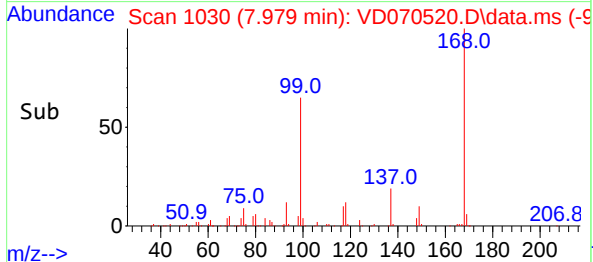
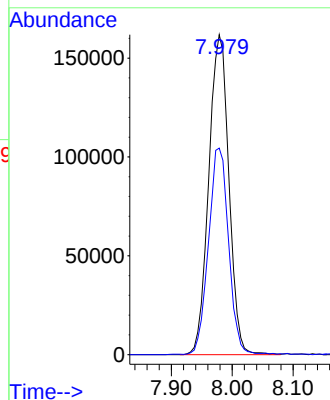
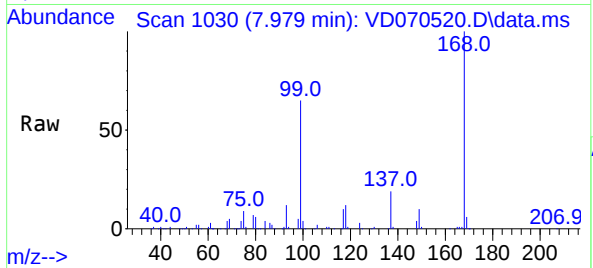




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

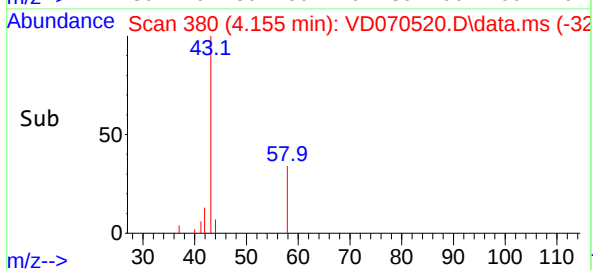
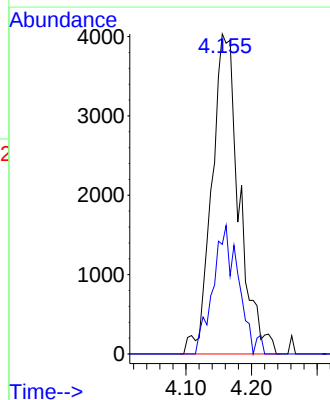
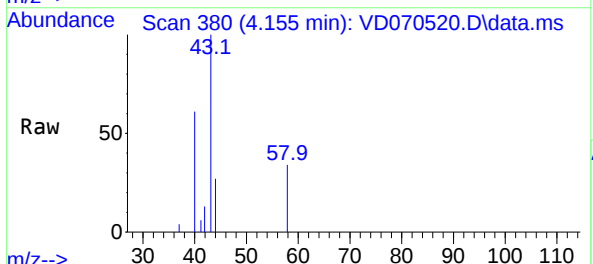
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-08(6-8)RE

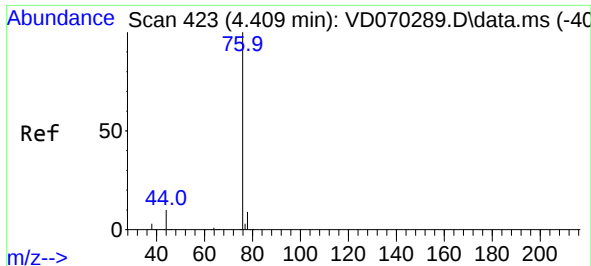
Tgt Ion:168 Resp: 371089
Ion Ratio Lower Upper
168 100
99 64.4 50.8 76.2



#16
Acetone
Concen: 13.741 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion: 43 Resp: 11689
Ion Ratio Lower Upper
43 100
58 34.2 30.9 46.3

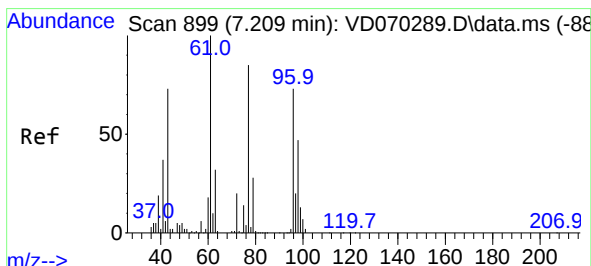
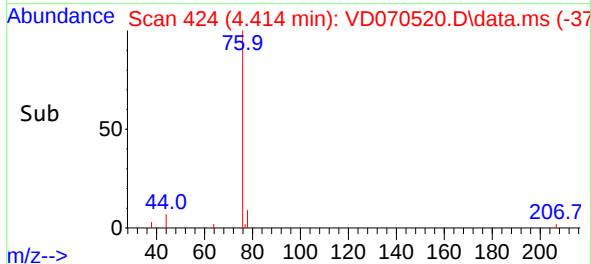
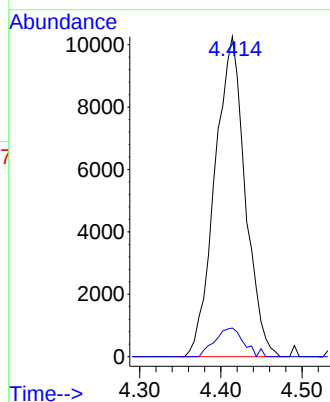
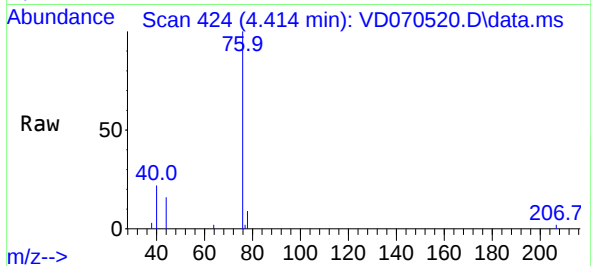




#17
Carbon Disulfide
Concen: 1.672 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

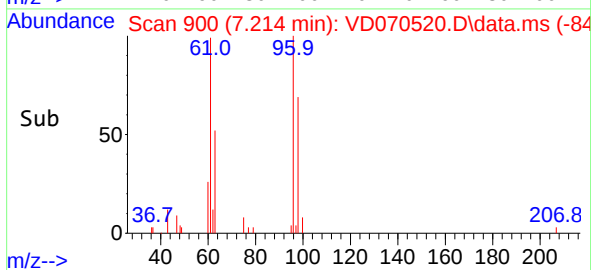
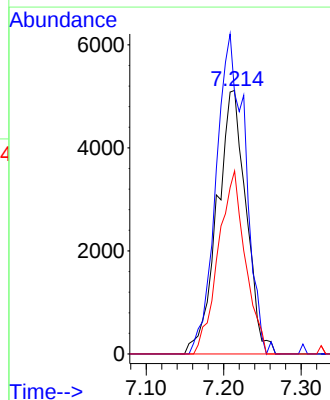
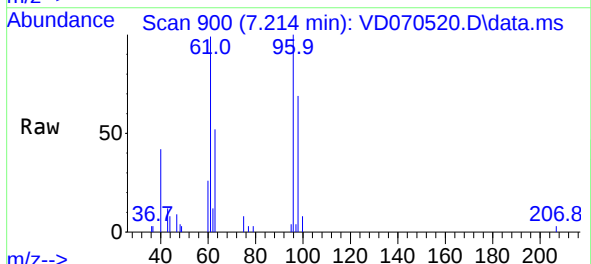
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-08(6-8)RE

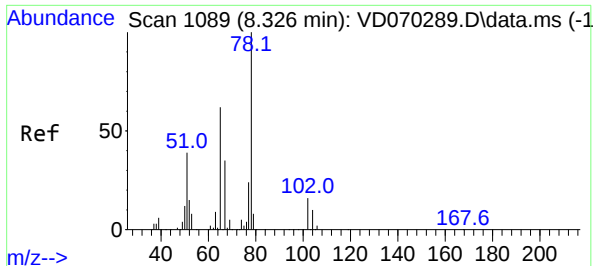
Tgt Ion: 76 Resp: 26657
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#27
cis-1,2-Dichloroethene
Concen: 2.410 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion: 96 Resp: 13313
Ion Ratio Lower Upper
96 100
61 122.4 0.0 277.4
98 64.7 0.0 130.0



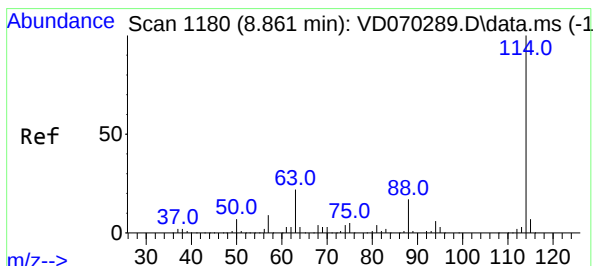
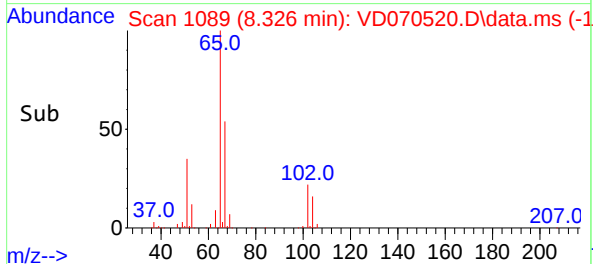
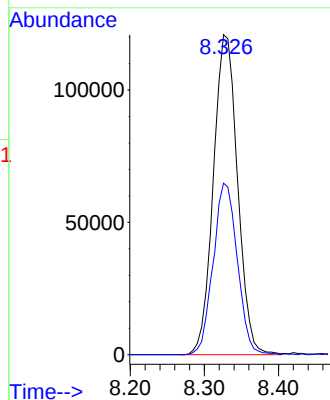
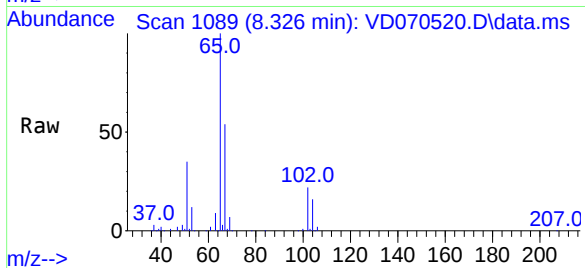


#33

1,2-Dichloroethane-d4
Concen: 57.564 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-08(6-8)RE

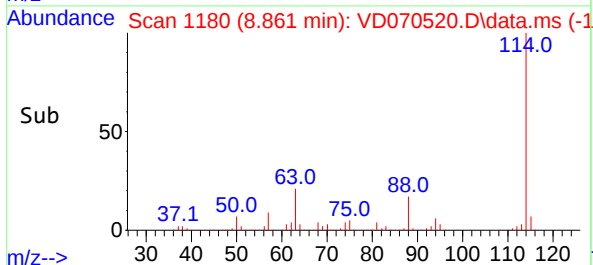
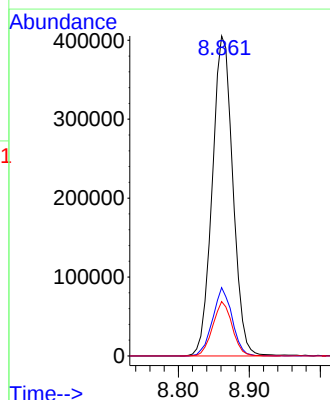
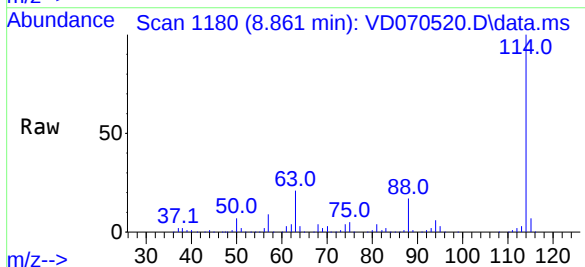
Tgt Ion: 65 Resp: 274283
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4

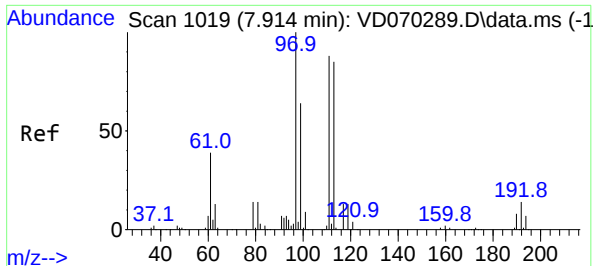


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion:114 Resp: 813911
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.4
88 17.0 0.0 33.4

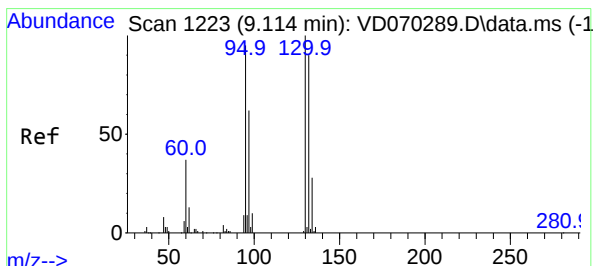
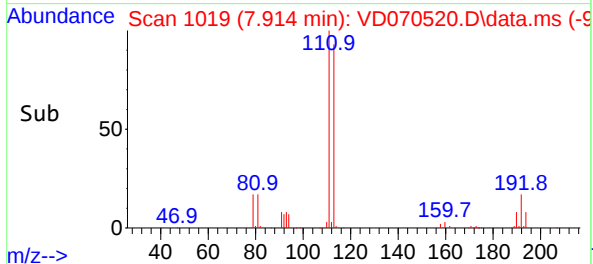
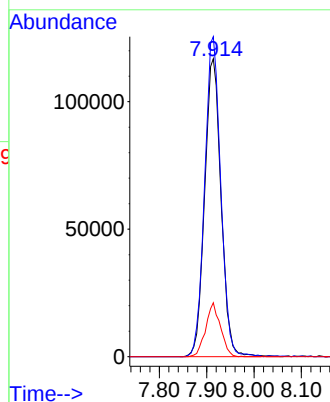
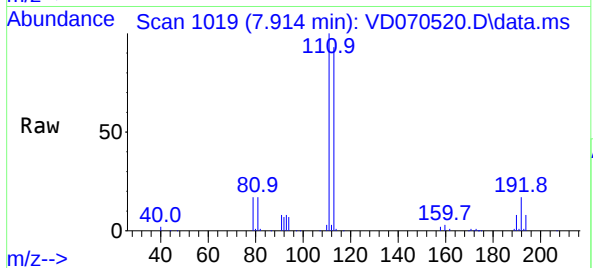




#35
Dibromofluoromethane
Concen: 48.362 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

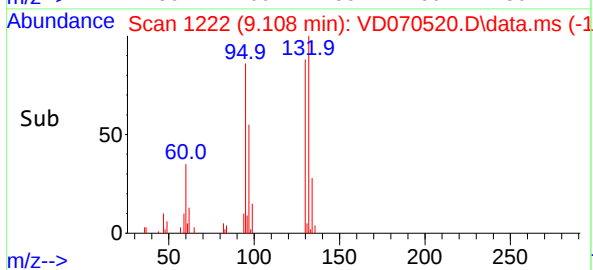
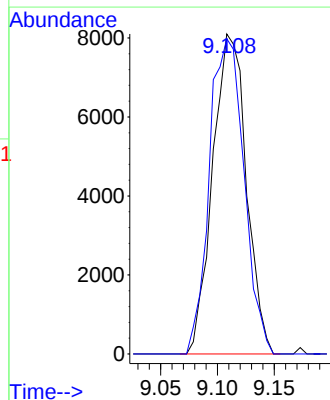
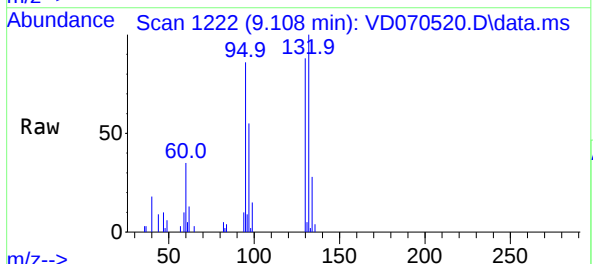
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ClientSampleId :
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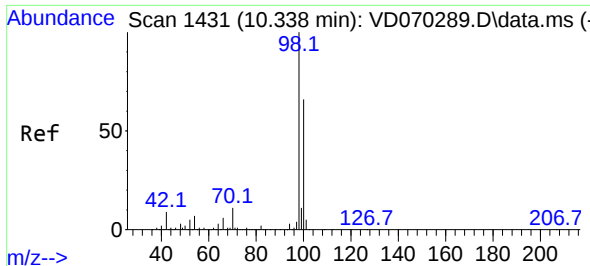
Tgt Ion:113 Resp: 280189
Ion Ratio Lower Upper
113 100
111 105.4 81.4 122.2
192 16.4 13.0 19.6



#44
Trichloroethene
Concen: 2.736 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion:130 Resp: 16668
Ion Ratio Lower Upper
130 100
95 98.5 0.0 190.0

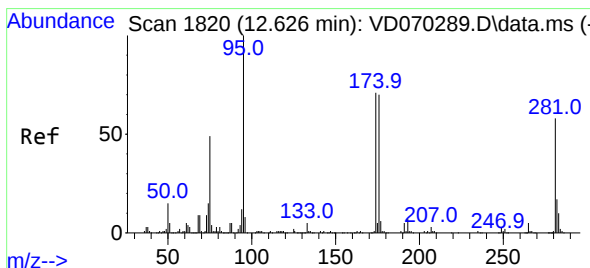
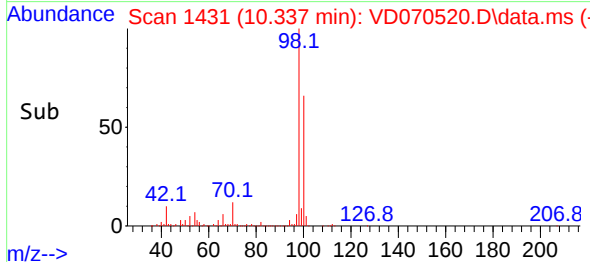
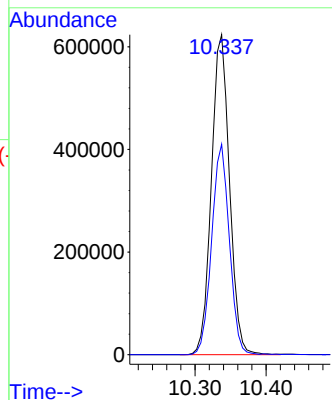
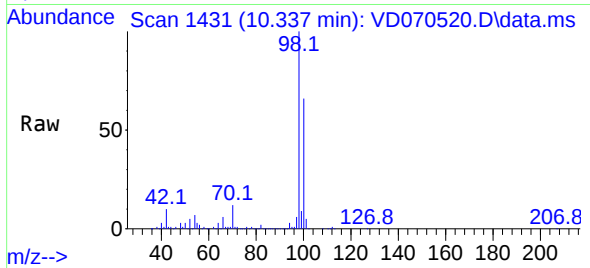




#50
Toluene-d8
Concen: 52.401 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

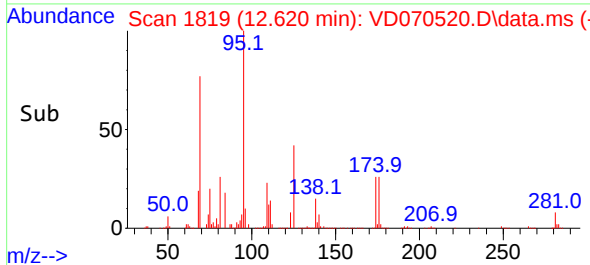
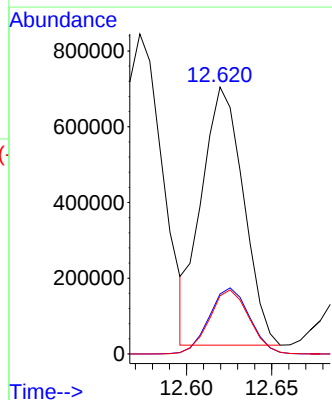
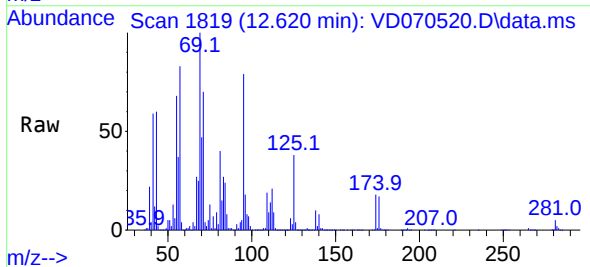
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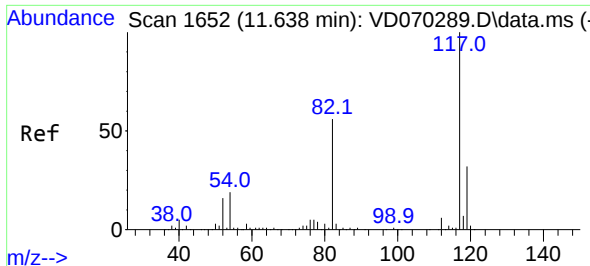
Tgt Ion: 98 Resp: 1102250
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 159.319 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion: 95 Resp: 1171221
Ion Ratio Lower Upper
95 100
174 24.7 0.0 140.6
176 23.6 0.0 137.4

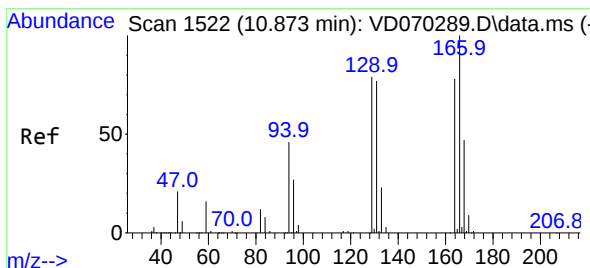
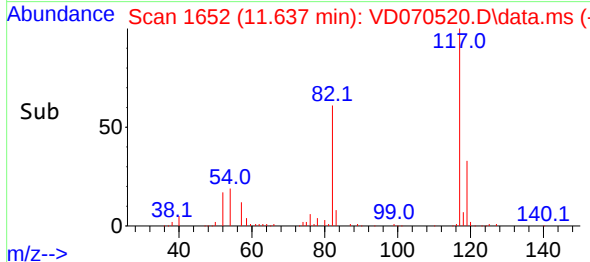
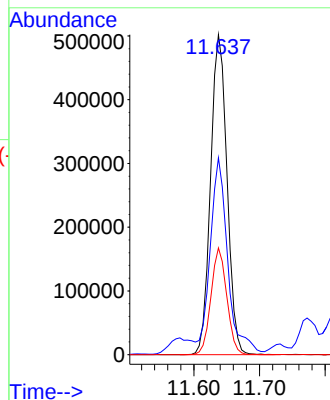
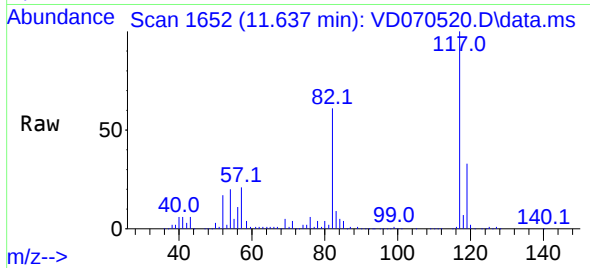




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

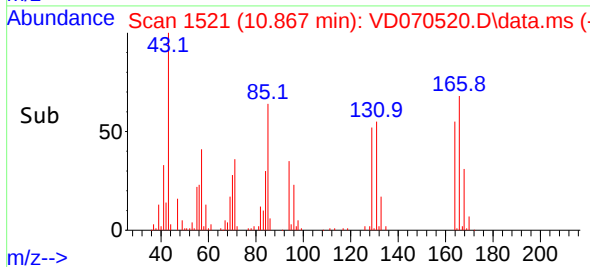
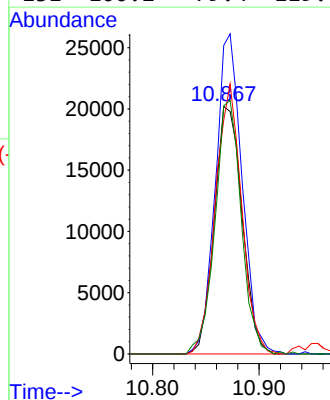
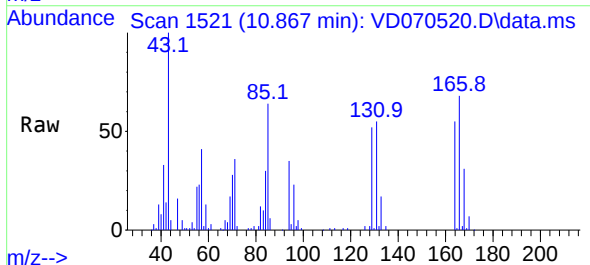
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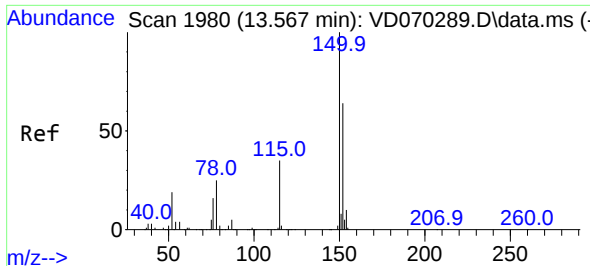
Tgt Ion:	117	Resp:	873294
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.0	67.4
119	33.3	25.2	37.8



#64
Tetrachloroethene
Concen: 6.882 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion:	164	Resp:	36594
Ion	Ratio	Lower	Upper
164	100		
166	124.6	102.4	153.6
129	94.4	80.9	121.3
131	100.2	79.4	119.0

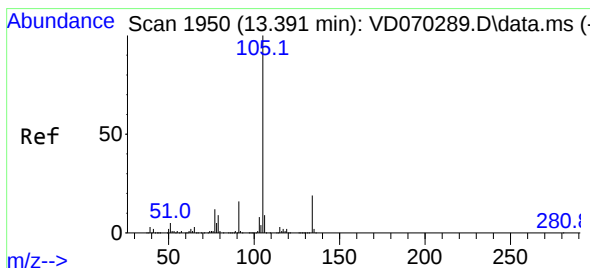
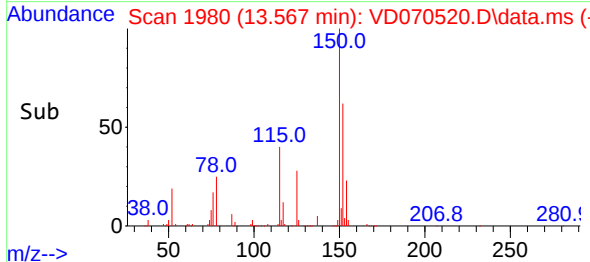
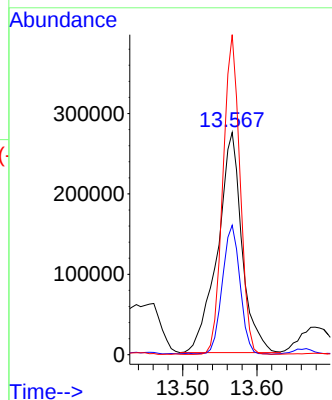
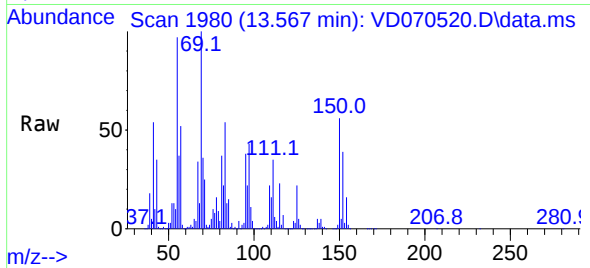




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Instrument :
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Tgt Ion:152 Resp: 625058
Ion Ratio Lower Upper
152 100
115 42.7 32.1 96.3
150 101.6 0.0 350.6



#85
sec-Butylbenzene
Concen: 10.881 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070520.D
Acq: 29 Sep 2021 13:55

Tgt Ion:105 Resp: 524766
Ion Ratio Lower Upper
105 100
134 39.7 9.8 29.3#

