

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070538.D
 Acq On : 30 Sep 2021 13:56
 Operator : VA/SY
 Sample : M3975-04RE
 Misc : 7.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-837-R-SO-6-6.5-092821RE

Quant Time: Oct 01 02:04:20 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)

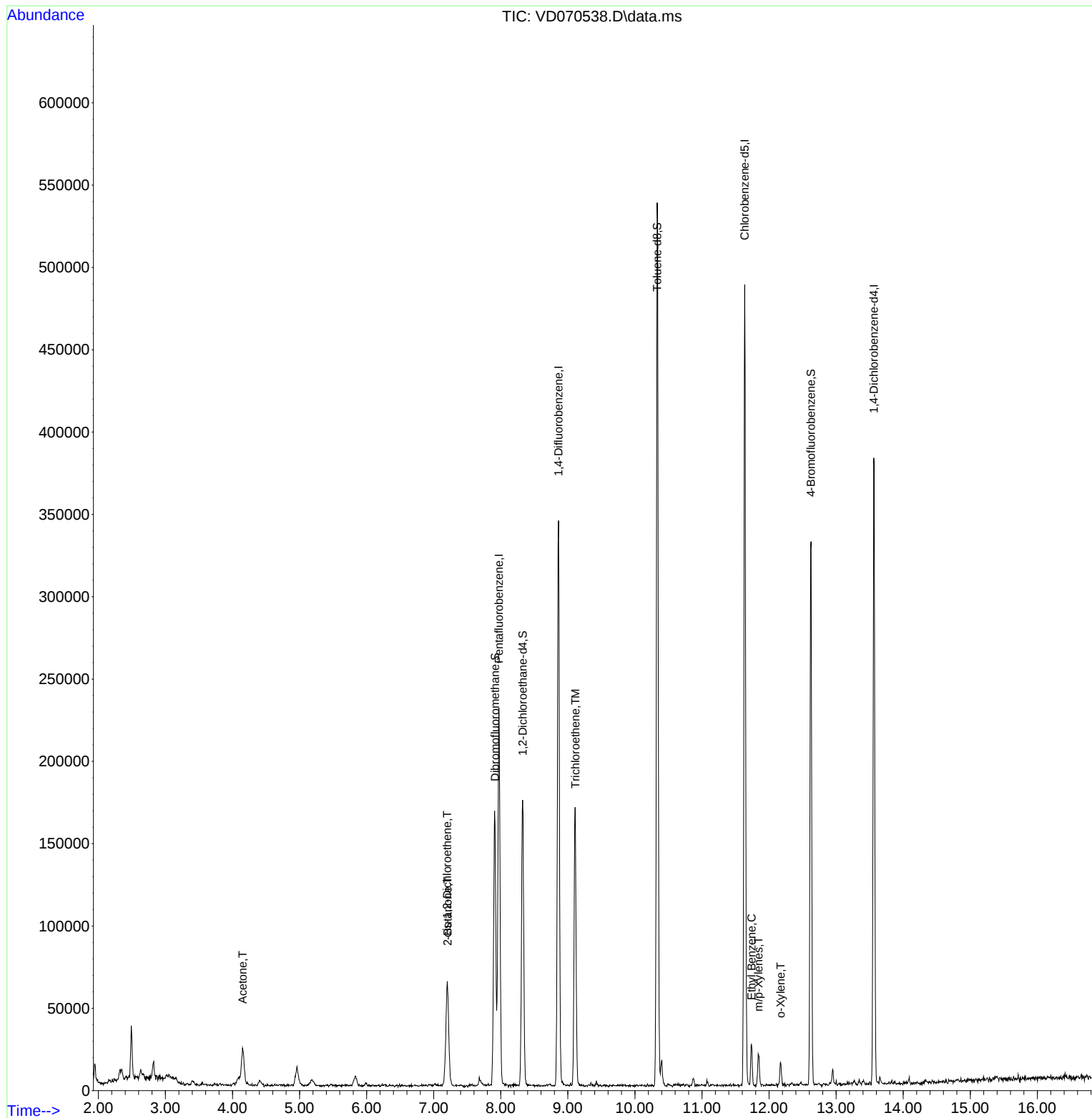
Internal Standards						
1) Pentafluorobenzene	7.973	168	154608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	301815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	288720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141068	71.060	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.120%			
35) Dibromofluoromethane	7.914	113	123994	57.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.440%			
50) Toluene-d8	10.332	98	388843	49.851	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.626	95	117124	42.965	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.920%			
Target Compounds					Qvalue	
16) Acetone	4.150	43	40048	112.993	ug/l	92
25) 2-Butanone	7.208	43	13325	28.243	ug/l #	88
27) cis-1,2-Dichloroethene	7.203	96	30225	13.132	ug/l	91
44) Trichloroethene	9.114	130	63030	27.897	ug/l	99
67) Ethyl Benzene	11.738	91	17826	1.728	ug/l	93
68) m/p-Xylenes	11.843	106	6995	1.756	ug/l	81
69) o-Xylene	12.173	106	3872	1.085	ug/l	86

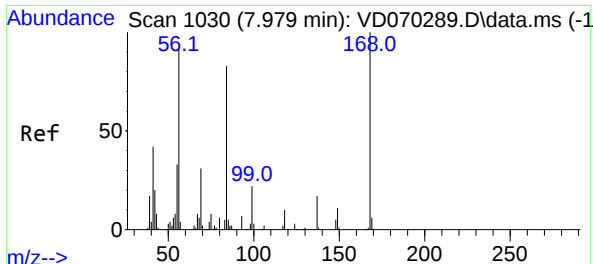
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

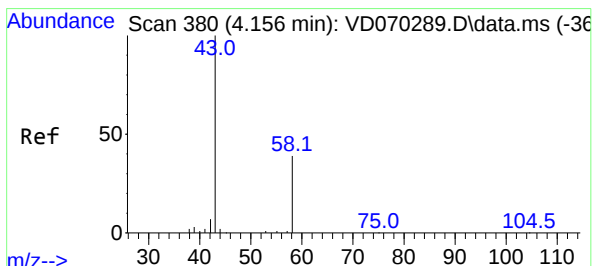
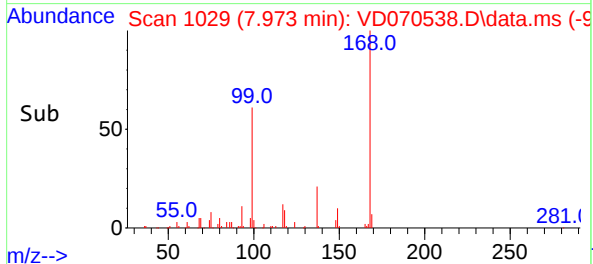
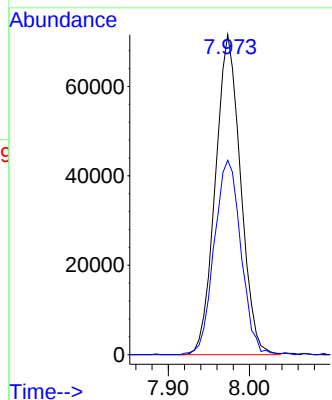
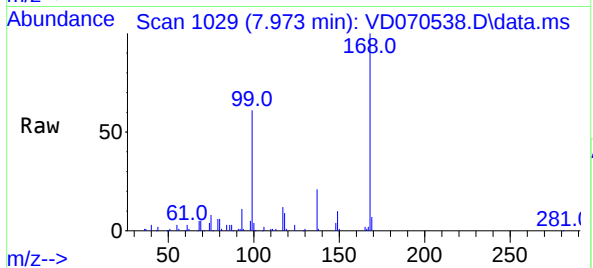




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

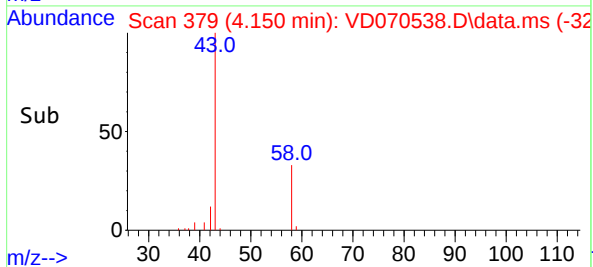
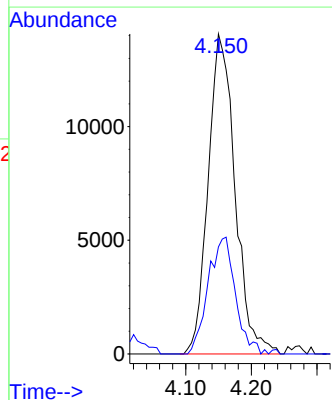
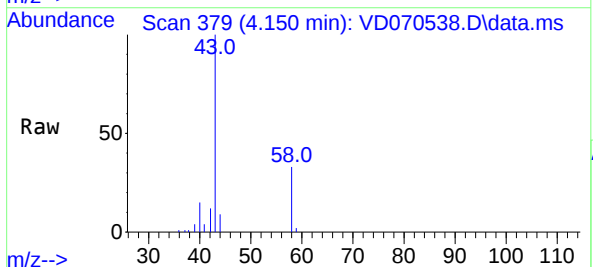
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-6-6.5-092821RE

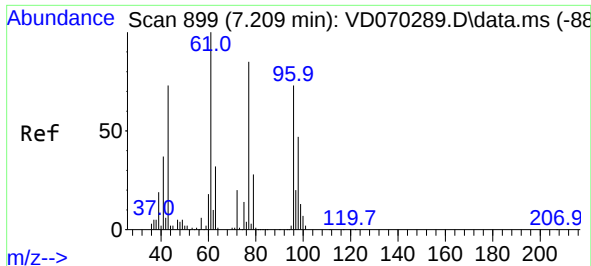
Tgt Ion:168 Resp: 154608
Ion Ratio Lower Upper
168 100
99 60.8 50.8 76.2



#16
Acetone
Concen: 112.993 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

Tgt Ion: 43 Resp: 40048
Ion Ratio Lower Upper
43 100
58 33.4 30.9 46.3

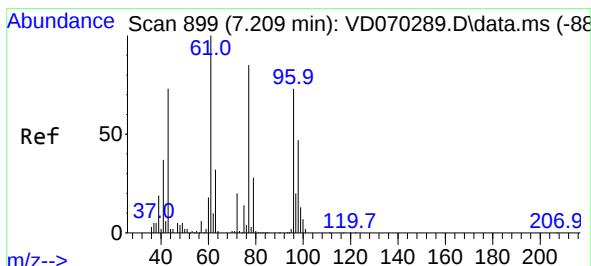
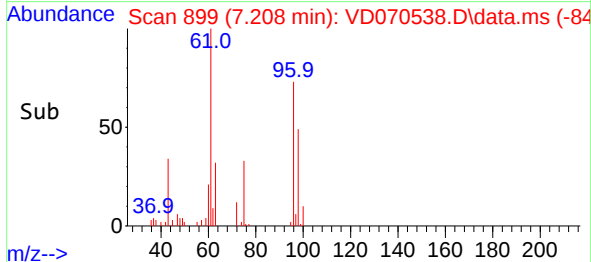
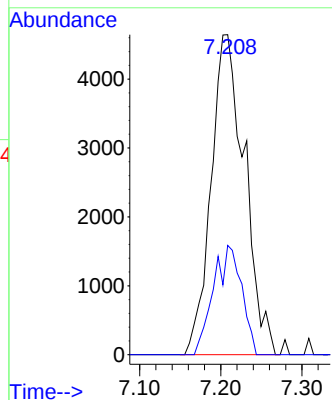
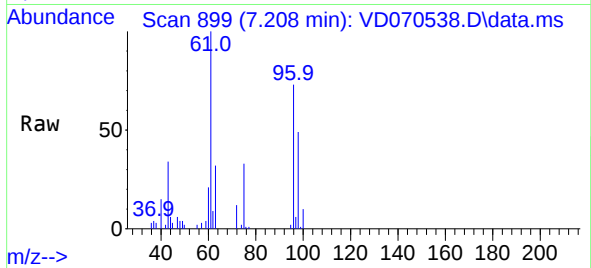




#25
2-Butanone
Concen: 28.243 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

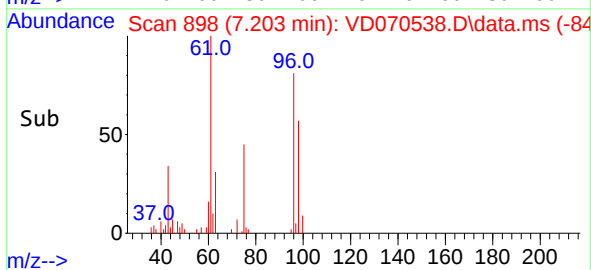
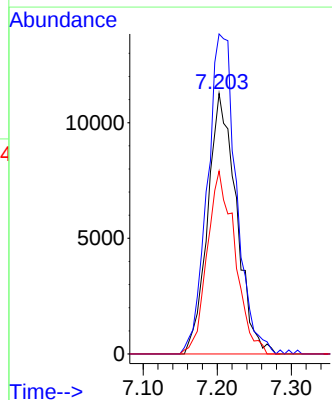
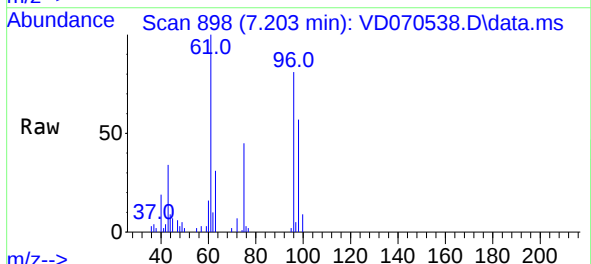
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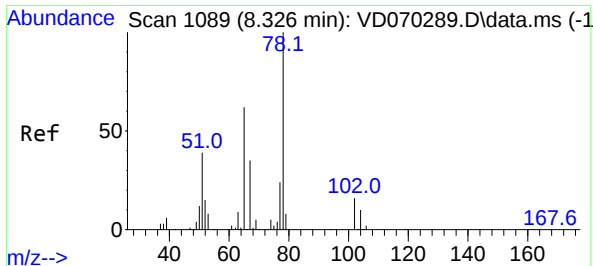
Tgt Ion: 43 Resp: 13325
Ion Ratio Lower Upper
43 100
72 34.1 22.2 33.4#



#27
cis-1,2-Dichloroethene
Concen: 13.132 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

Tgt Ion: 96 Resp: 30225
Ion Ratio Lower Upper
96 100
61 124.6 0.0 277.4
98 68.6 0.0 130.0

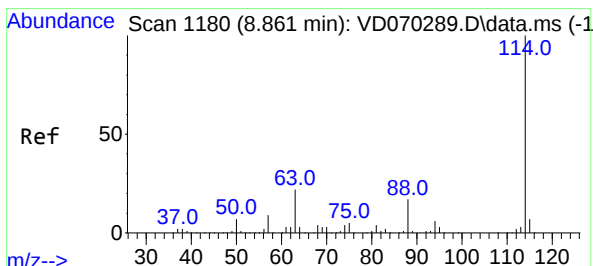
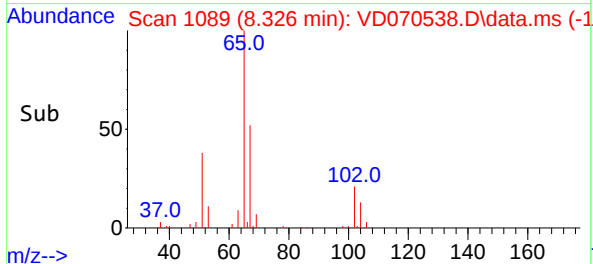
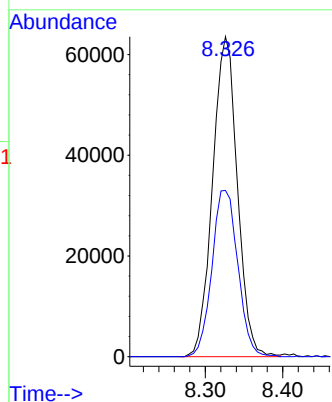
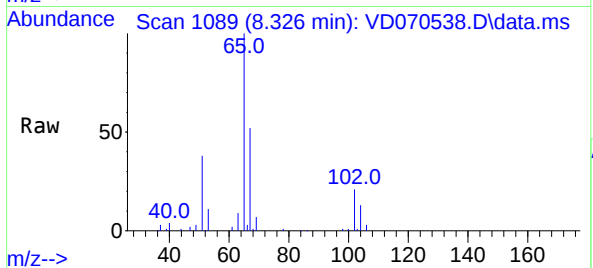




#33
1,2-Dichloroethane-d4
Concen: 71.060 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

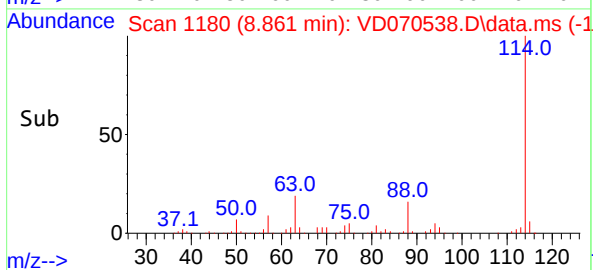
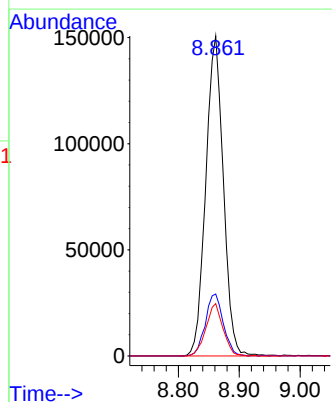
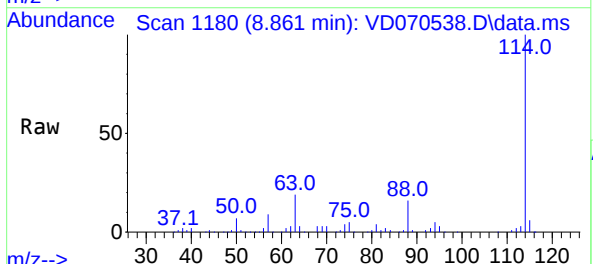
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-6-6.5-092821RE

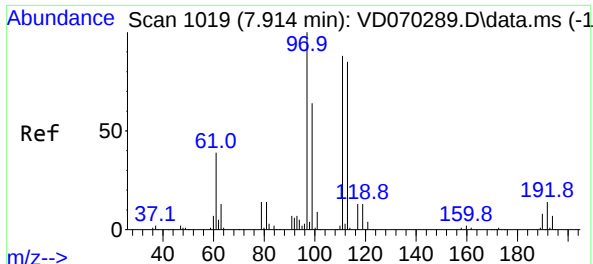
Tgt Ion: 65 Resp: 141068
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

Tgt Ion:114 Resp: 301815
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.4
88 16.3 0.0 33.4

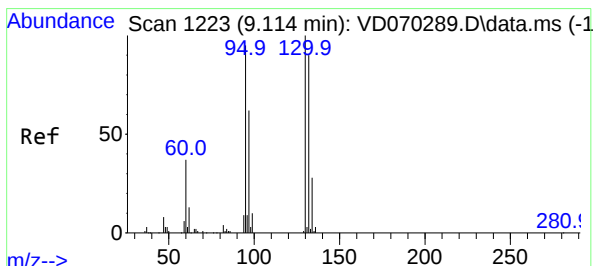
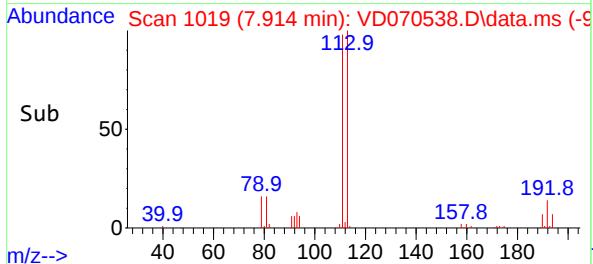
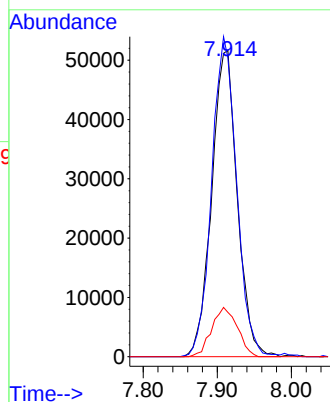
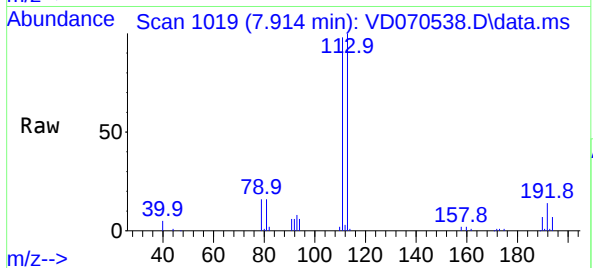




#35
Dibromofluoromethane
Concen: 57.716 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

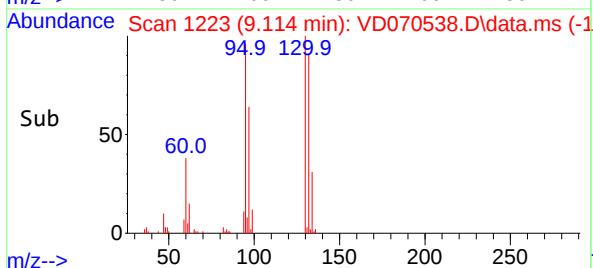
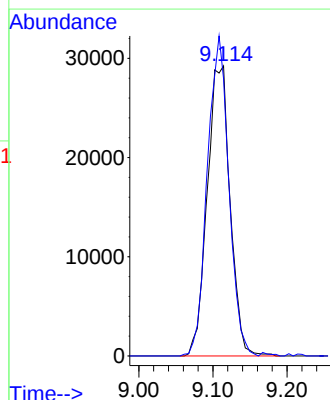
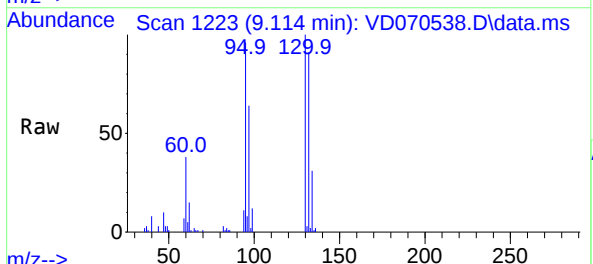
Instrument :
MSVOA_D
ClientSampleId :
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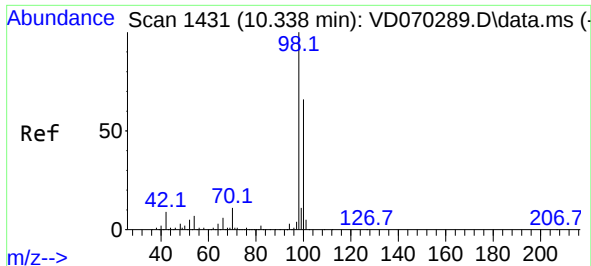
Tgt Ion:113 Resp: 123994
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 16.2 13.0 19.6



#44
Trichloroethene
Concen: 27.897 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

Tgt Ion:130 Resp: 63030
Ion Ratio Lower Upper
130 100
95 95.6 0.0 190.0

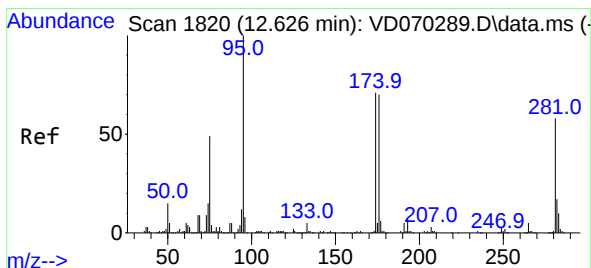
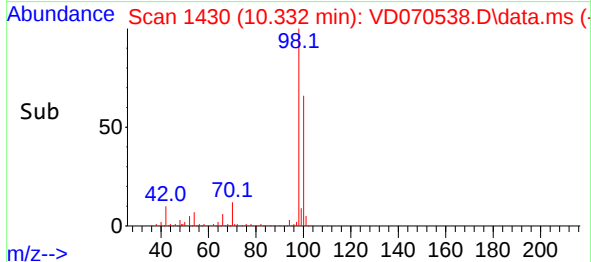
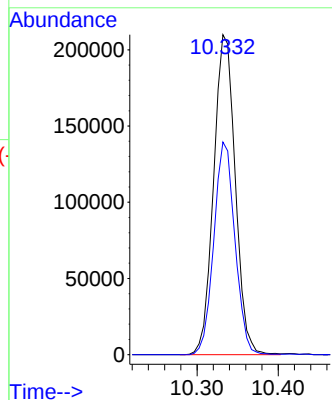
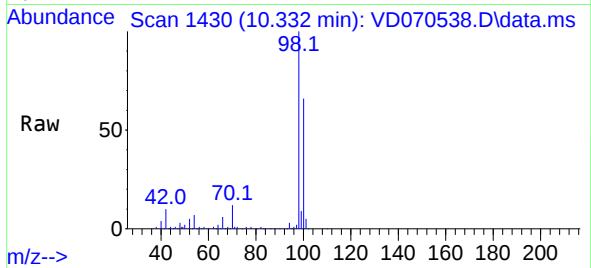




#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

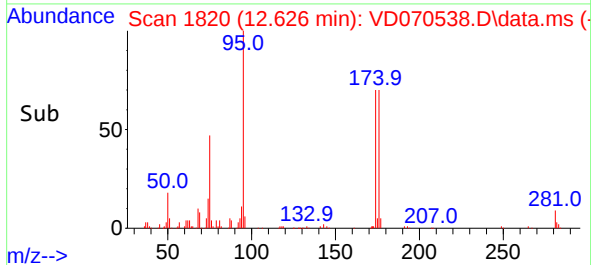
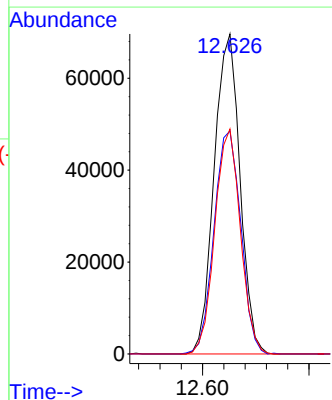
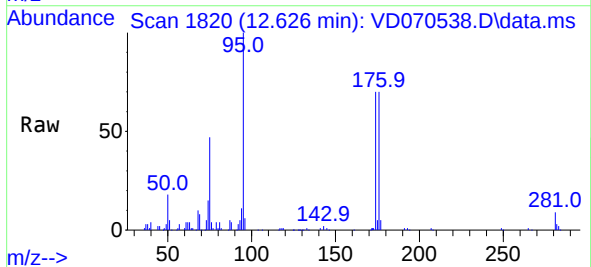
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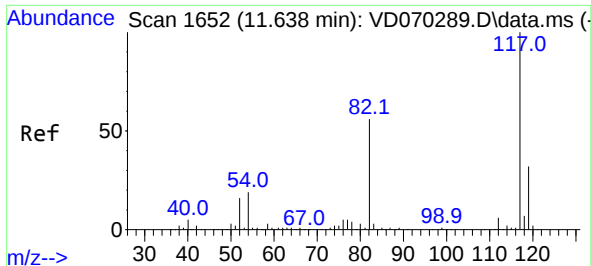
Tgt Ion: 98 Resp: 388843
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.965 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

Tgt Ion: 95 Resp: 117124
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.6
176 69.5 0.0 137.4

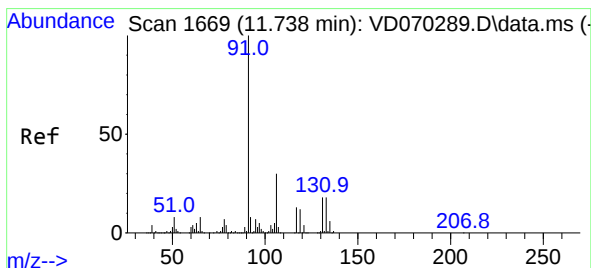
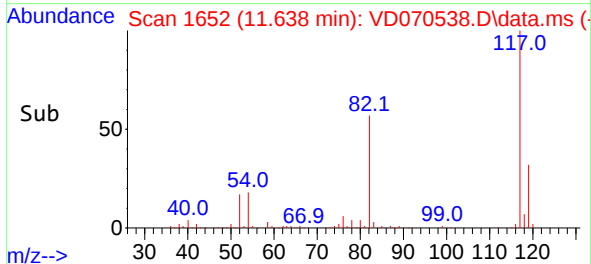
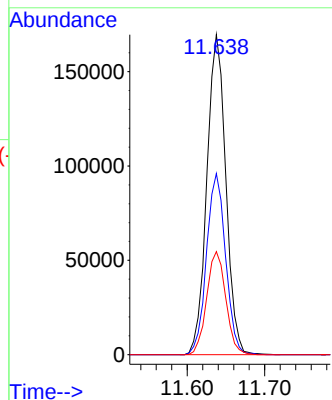
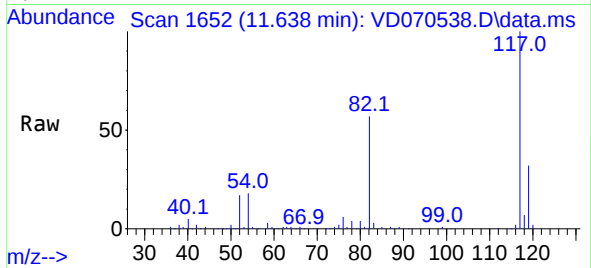




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

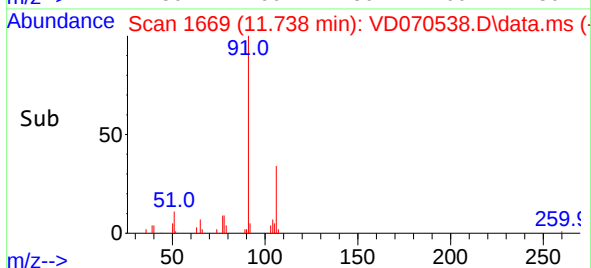
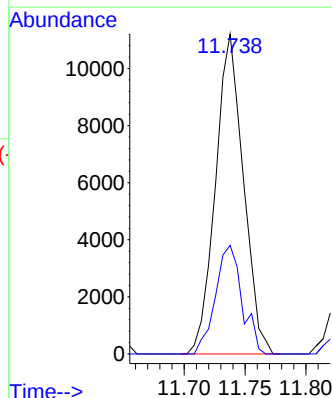
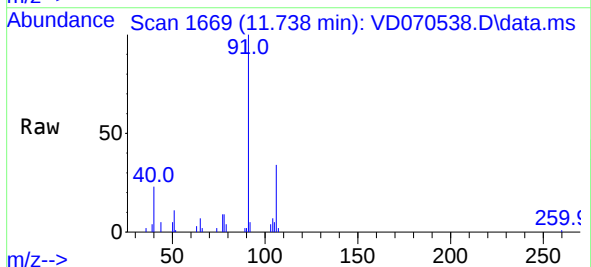
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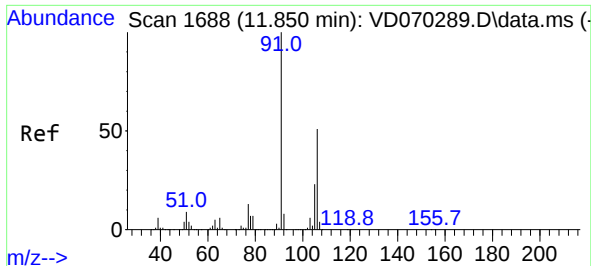
Tgt Ion:117 Resp: 288720
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.2 25.2 37.8



#67
Ethyl Benzene
Concen: 1.728 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

Tgt Ion: 91 Resp: 17826
Ion Ratio Lower Upper
91 100
106 33.9 24.2 36.2

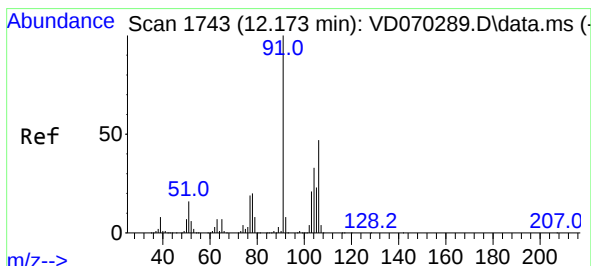
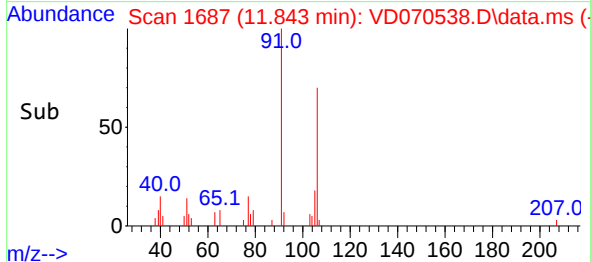
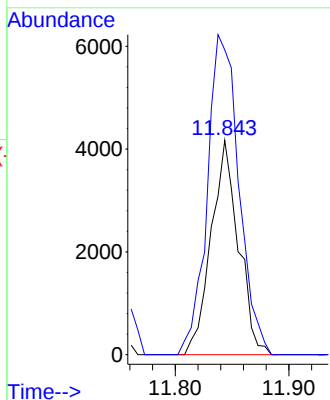
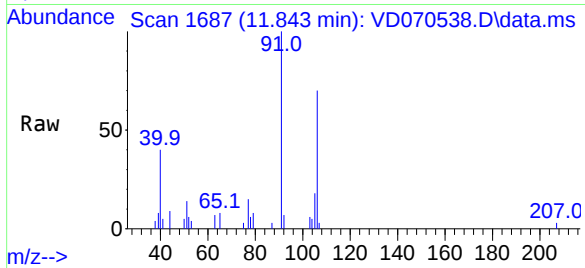




#68
m/p-Xylenes
Concen: 1.756 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

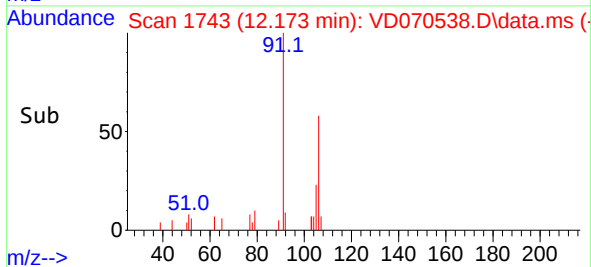
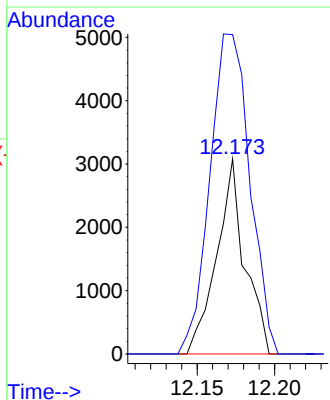
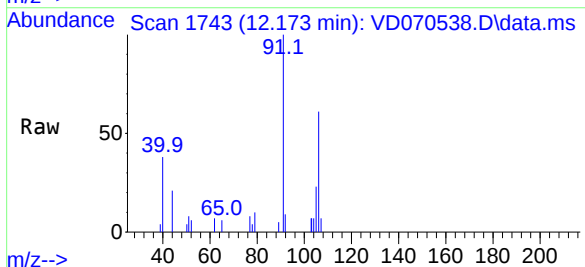
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-6-6.5-092821RE

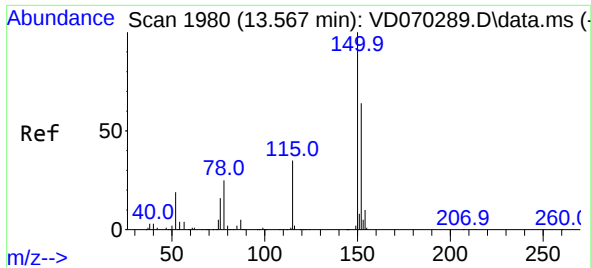
Tgt Ion:106 Resp: 6995
Ion Ratio Lower Upper
106 100
91 172.4 161.2 241.8



#69
o-Xylene
Concen: 1.085 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070538.D
Acq: 30 Sep 2021 13:56

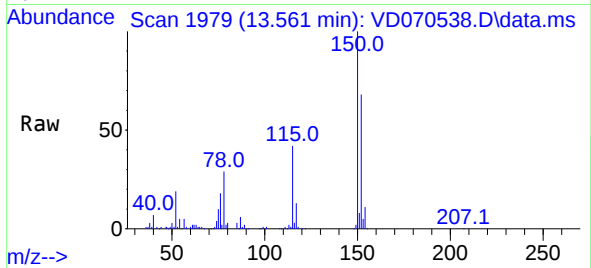
Tgt Ion:106 Resp: 3872
Ion Ratio Lower Upper
106 100
91 233.9 106.3 318.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070538.D
 Acq: 30 Sep 2021 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 S-837-R-SO-6-6.5-092821RE



Tgt Ion:152 Resp: 104120

Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.1	96.3
150	157.7	0.0	350.6

