

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070540.D
 Acq On : 30 Sep 2021 14:52
 Operator : VA/SY
 Sample : M3975-07RE
 Misc : 7.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-841-R-SO-4-4.5-092821-FDRE

Quant Time: Oct 01 02:04:40 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)

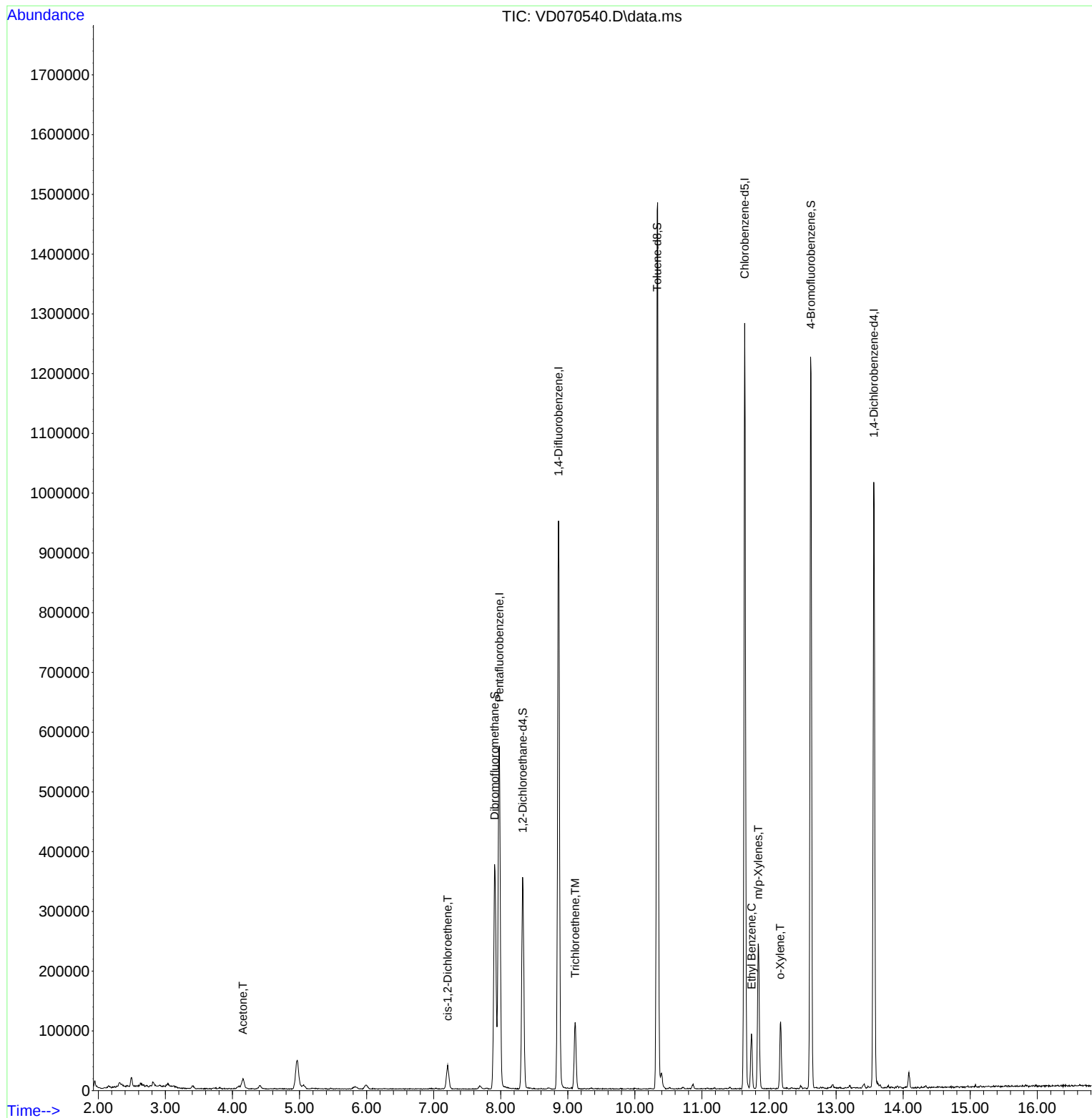
Internal Standards						
1) Pentafluorobenzene	7.979	168	413324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	826470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276259	52.054	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.100%			
35) Dibromofluoromethane	7.909	113	282816	48.074	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.140%			
50) Toluene-d8	10.332	98	1047386	49.036	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.626	95	329720	44.170	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.340%			
Target Compounds						Qvalue
16) Acetone	4.156	43	29645	31.287	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	20028	3.255	ug/l	84
44) Trichloroethene	9.108	130	40809	6.596	ug/l	91
67) Ethyl Benzene	11.738	91	66262	2.530	ug/l	94
68) m/p-Xylenes	11.838	106	78474	7.758	ug/l	99
69) o-Xylene	12.167	106	31203	3.443	ug/l	98

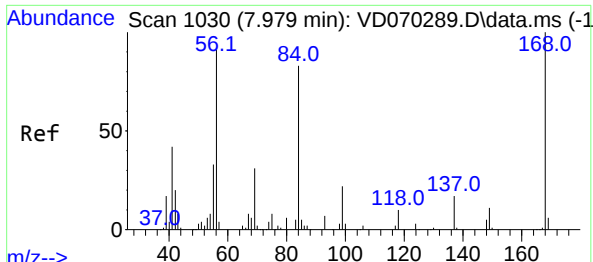
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

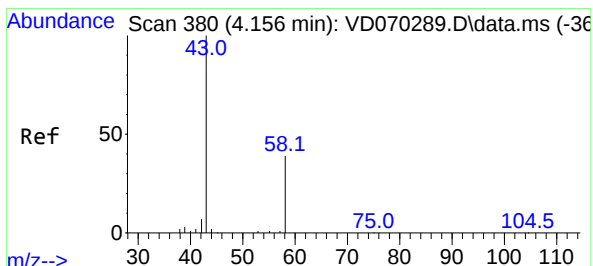
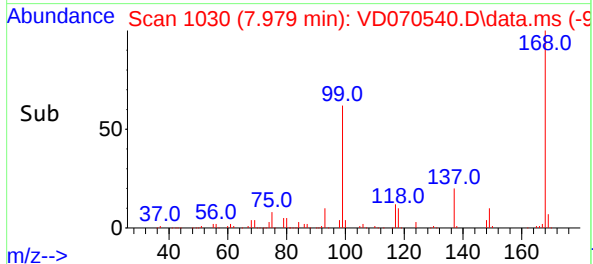
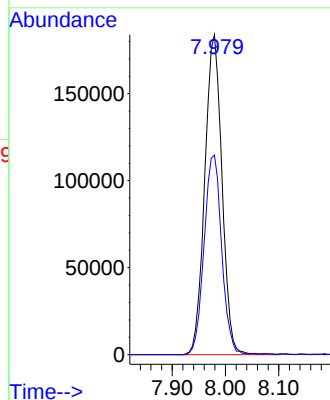
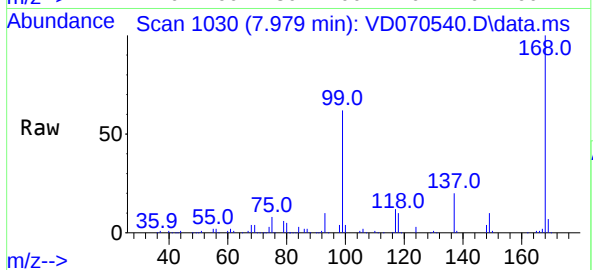




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

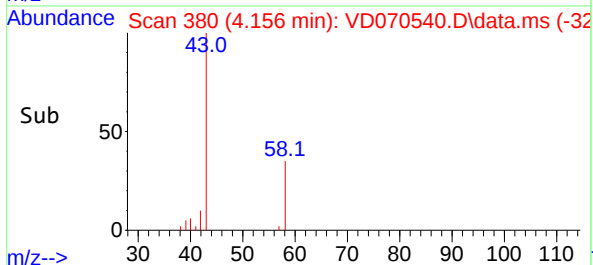
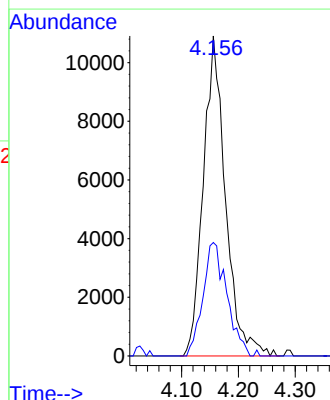
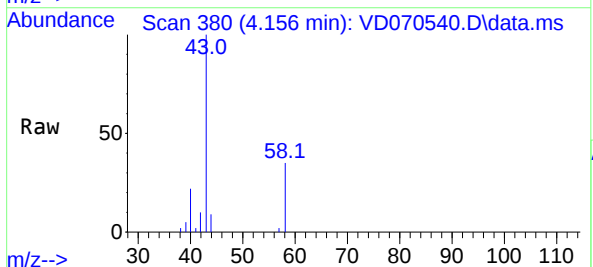
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FDRE

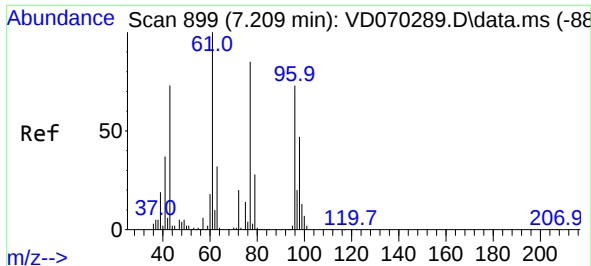
Tgt Ion:168 Resp: 413324
Ion Ratio Lower Upper
168 100
99 62.4 50.8 76.2



#16
Acetone
Concen: 31.287 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 43 Resp: 29645
Ion Ratio Lower Upper
43 100
58 35.5 30.9 46.3



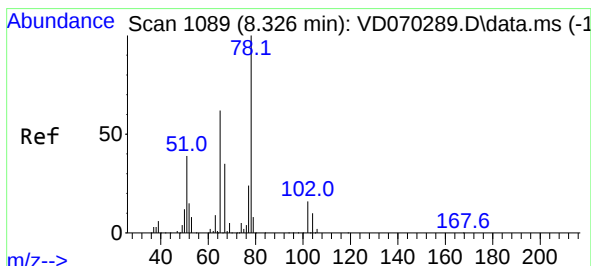
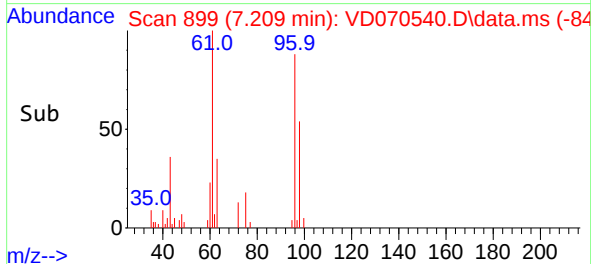
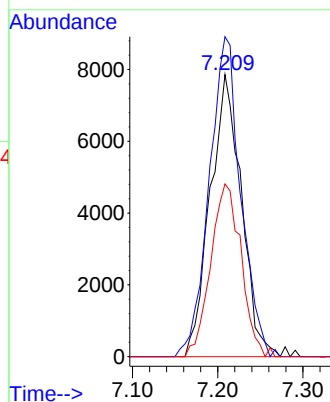
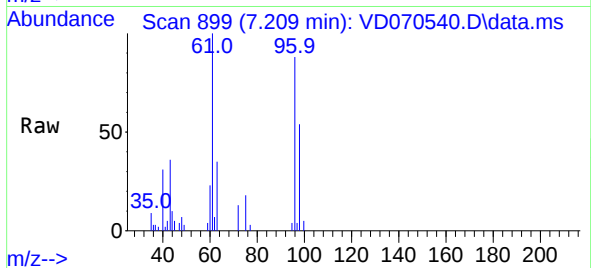


#27
cis-1,2-Dichloroethene
Concen: 3.255 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FDRE

Tgt Ion: 96 Resp: 20028

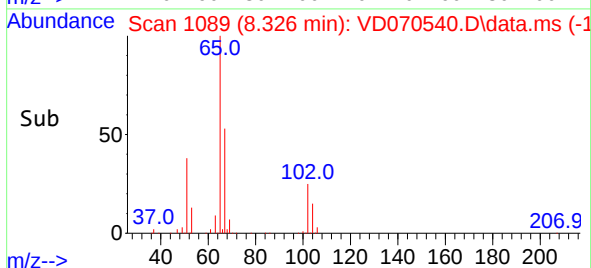
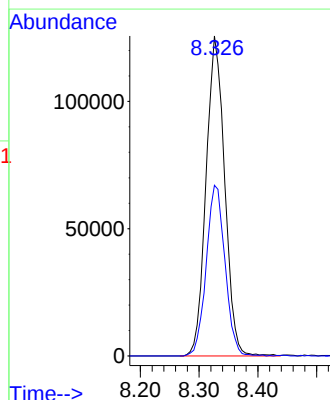
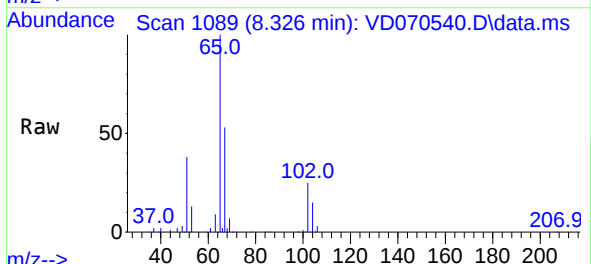
Ion	Ratio	Lower	Upper
96	100		
61	114.5	0.0	277.4
98	59.7	0.0	130.0

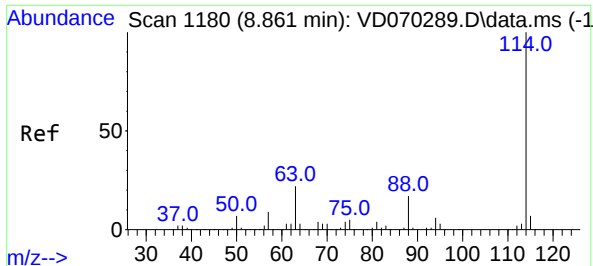


#33
1,2-Dichloroethane-d4
Concen: 52.054 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 65 Resp: 276259

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.4



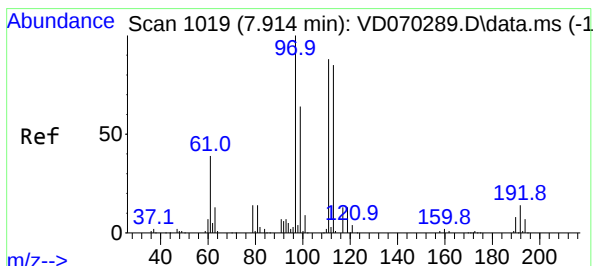
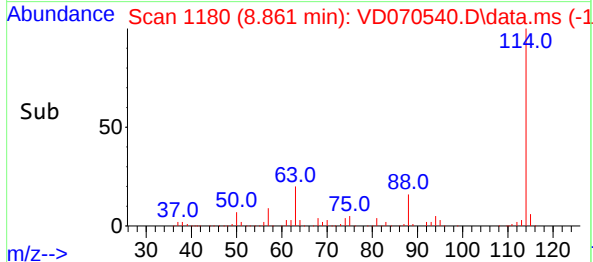
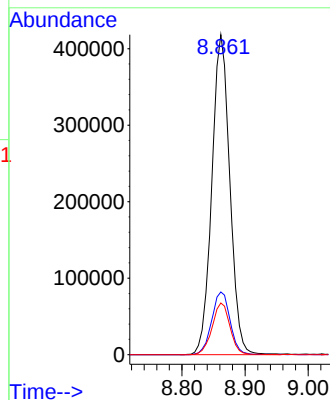
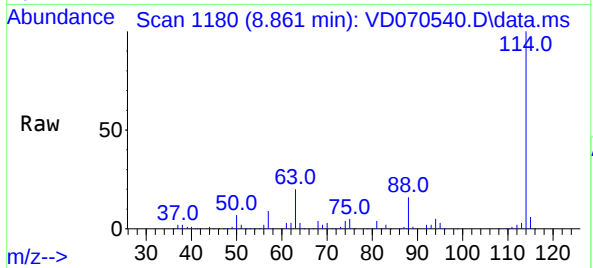


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FDRE

Tgt Ion:114 Resp: 826470

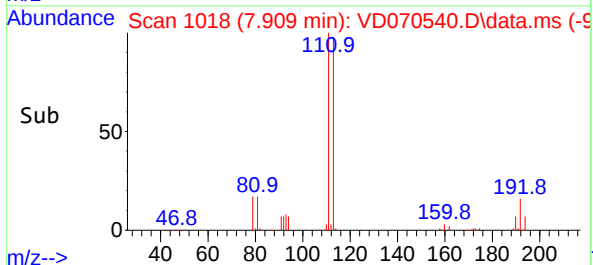
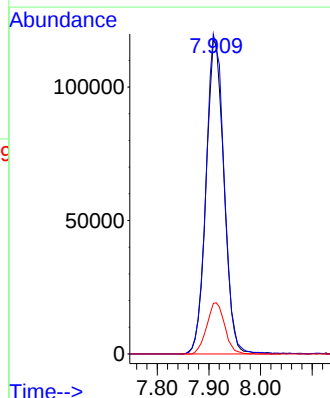
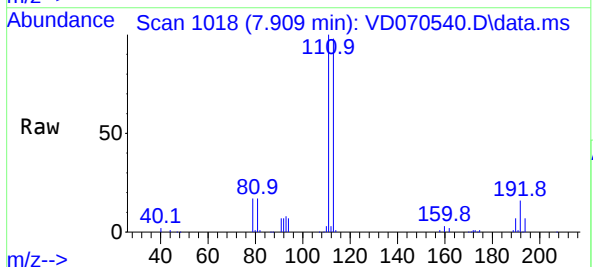
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.4
88	16.1	0.0	33.4

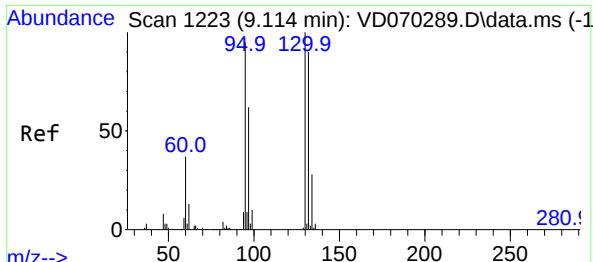


#35
Dibromofluoromethane
Concen: 48.074 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion:113 Resp: 282816

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	16.4	13.0	19.6



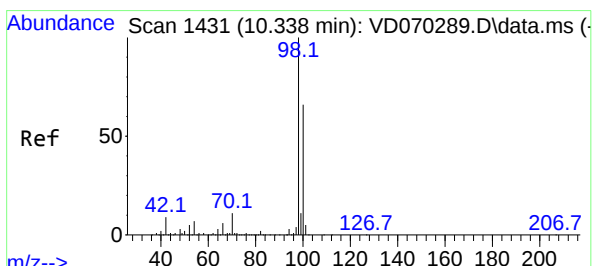
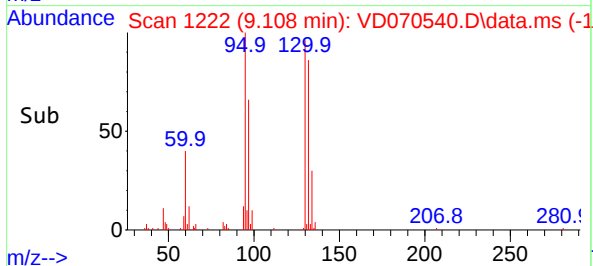
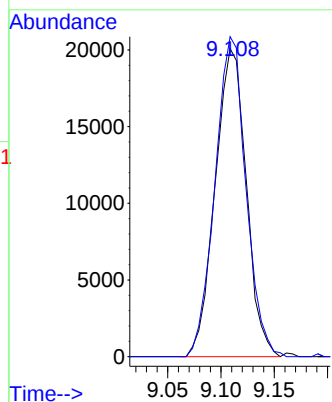
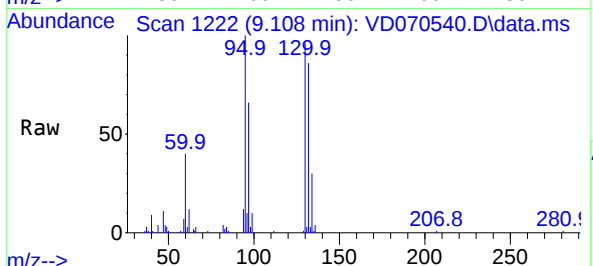


#44

Trichloroethene
Concen: 6.596 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Instrument :
MSVOA_D
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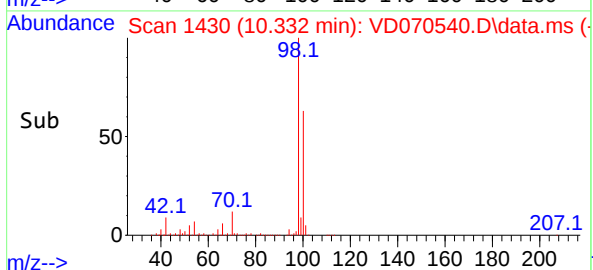
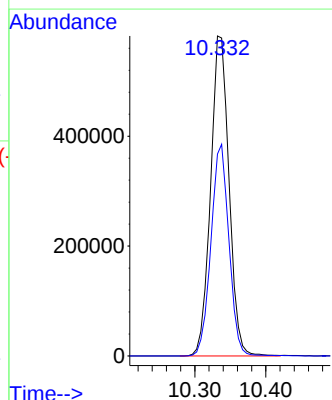
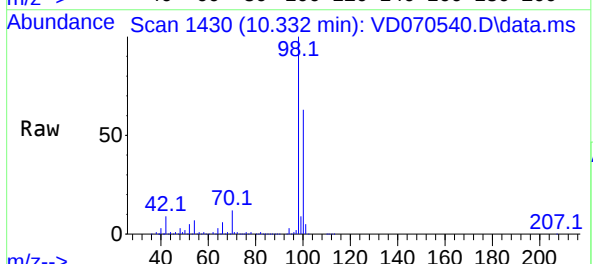
Tgt Ion:130 Resp: 40809
Ion Ratio Lower Upper
130 100
95 103.9 0.0 190.0

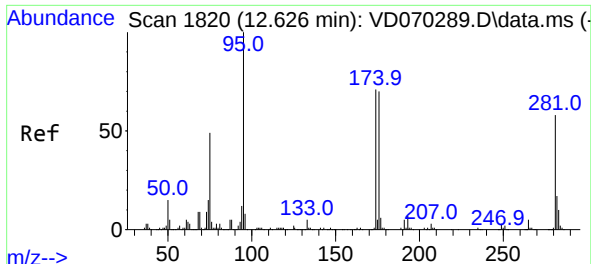


#50

Toluene-d8
Concen: 49.036 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 98 Resp: 1047386
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

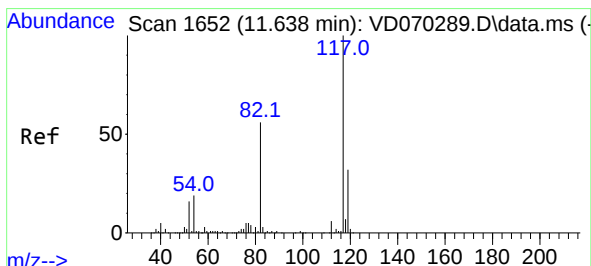
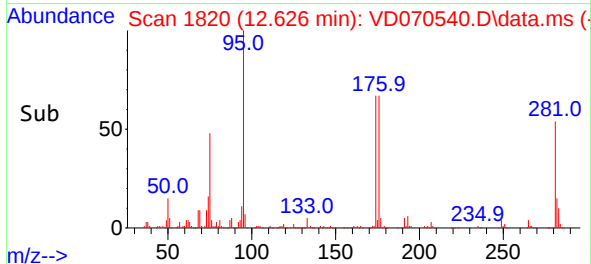
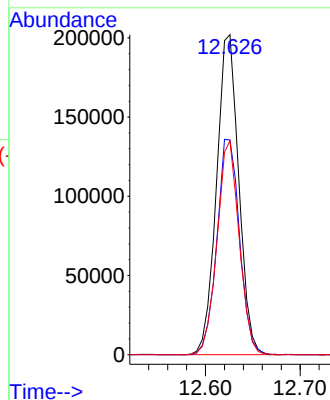
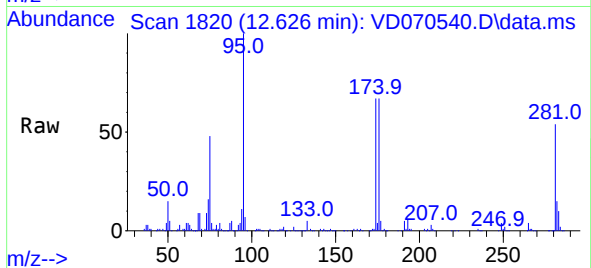




#62
4-Bromofluorobenzene
Concen: 44.170 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

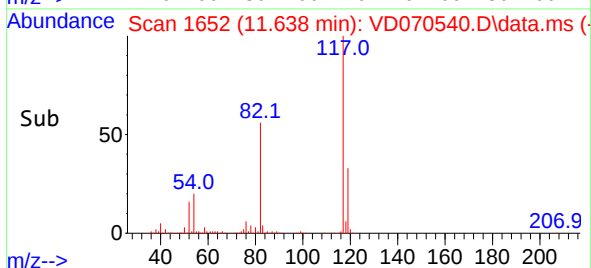
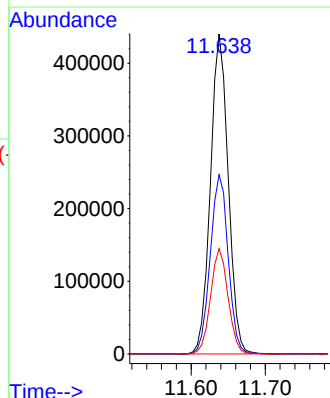
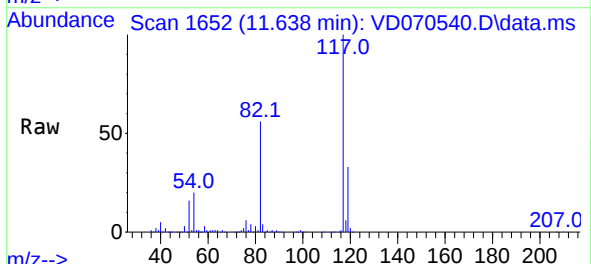
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FDRE

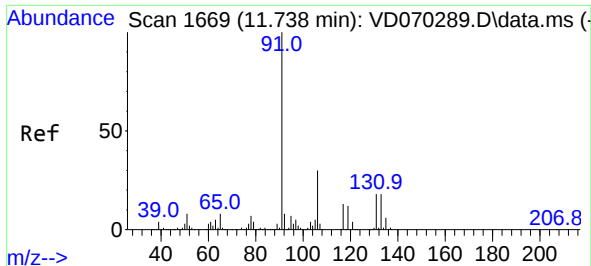
Tgt Ion: 95 Resp: 329720
Ion Ratio Lower Upper
95 100
174 68.8 0.0 140.6
176 66.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 117 Resp: 733052
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.9 25.2 37.8

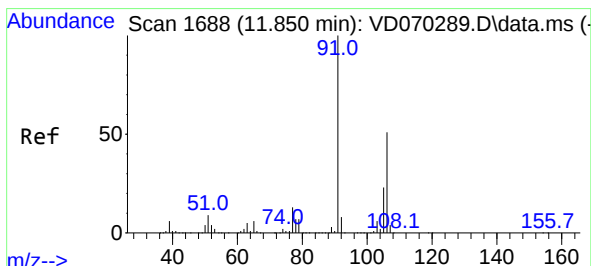
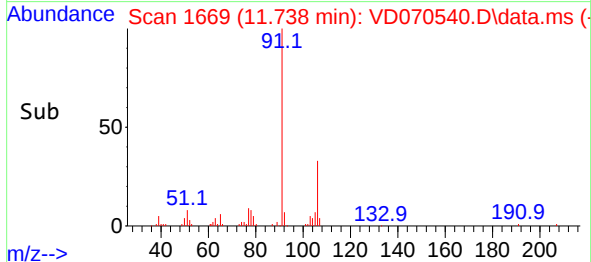
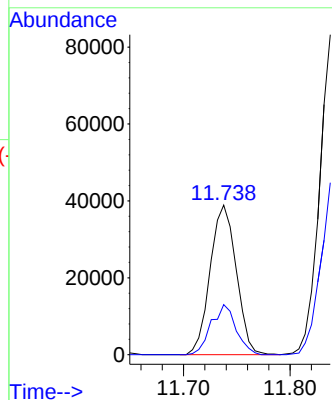
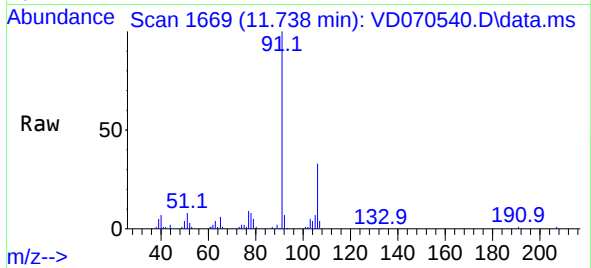




#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

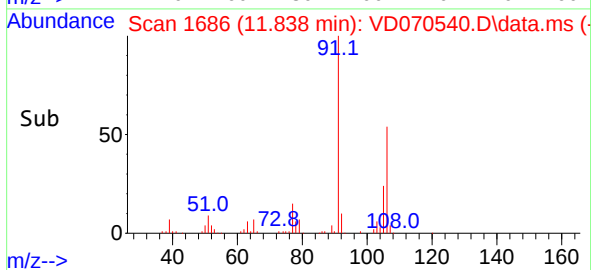
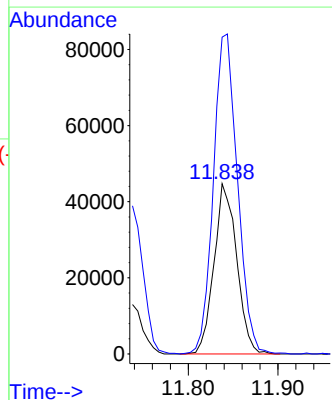
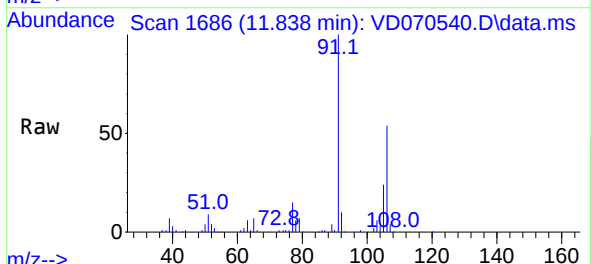
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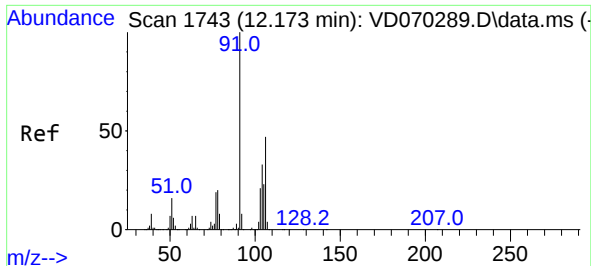
Tgt Ion: 91 Resp: 66262
Ion Ratio Lower Upper
91 100
106 33.4 24.2 36.2



#68
m/p-Xylenes
Concen: 7.758 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.012 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion:106 Resp: 78474
Ion Ratio Lower Upper
106 100
91 199.7 161.2 241.8

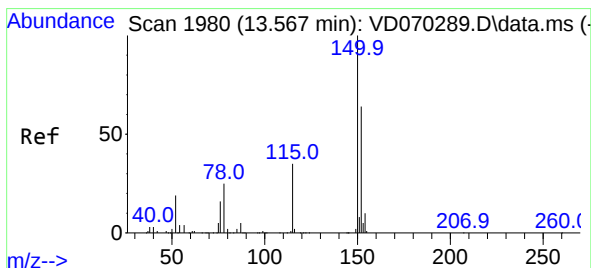
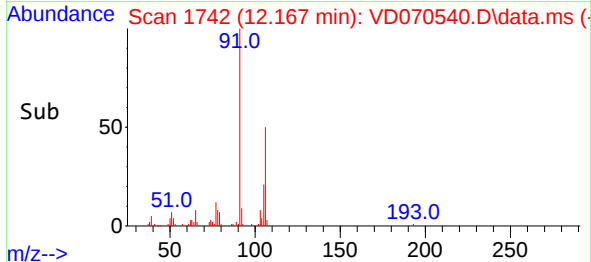
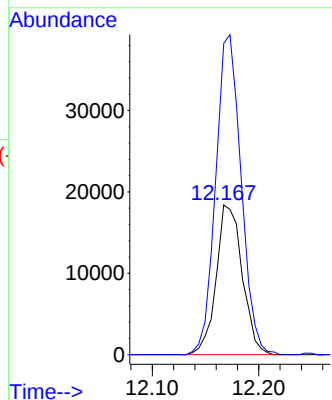
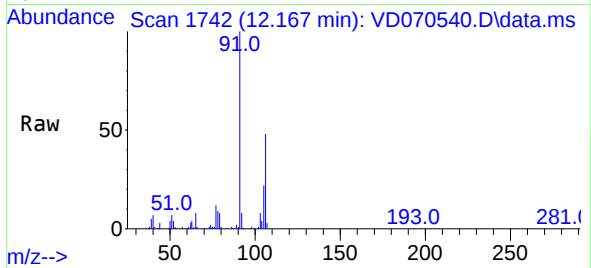




#69
o-Xylene
Concen: 3.443 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Instrument :
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ClientSampleId :
S-841-R-SO-4-4.5-092821-FDRE

Tgt Ion:106 Resp: 31203
Ion Ratio Lower Upper
106 100
91 209.2 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion:152 Resp: 273796
Ion Ratio Lower Upper
152 100
115 63.1 32.1 96.3
150 157.5 0.0 350.6

