

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070528.D
 Acq On : 29 Sep 2021 17:40
 Operator : VA/SY
 Sample : M3975-06
 Misc : 8.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 30 00:47:07 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)

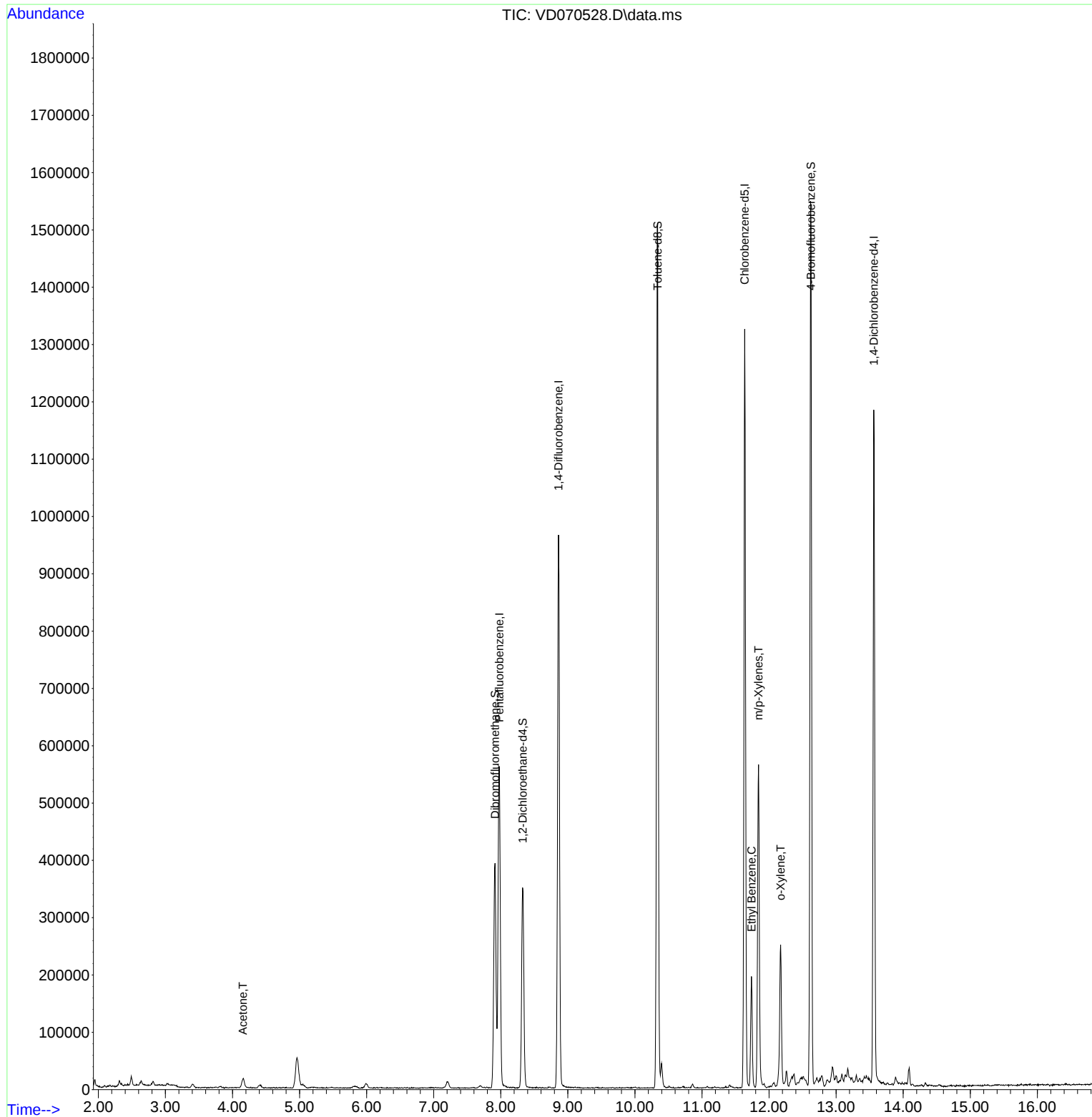
Internal Standards						
1) Pentafluorobenzene	7.979	168	406102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	847408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	773632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	290628	55.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.480%
35) Dibromofluoromethane	7.914	113	291842	48.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.338	98	1078761	49.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.626	95	378551	49.458	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.920%
Target Compounds						Qvalue
16) Acetone	4.156	43	27060	29.067	ug/l	92
67) Ethyl Benzene	11.738	91	138533	5.012	ug/l	98
68) m/p-Xylenes	11.844	106	175981	16.485	ug/l	99
69) o-Xylene	12.173	106	68306	7.142	ug/l	96

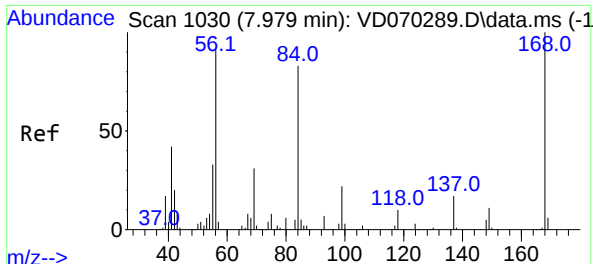
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S-841-R-SO-4-4.5-092821

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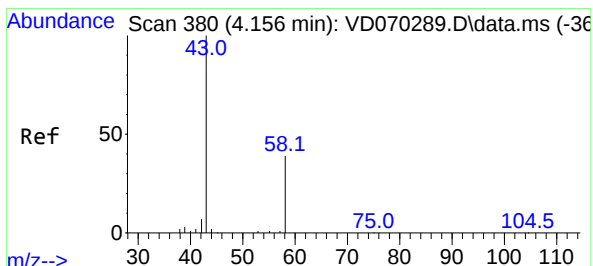
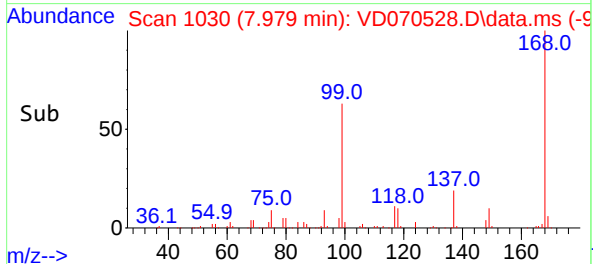
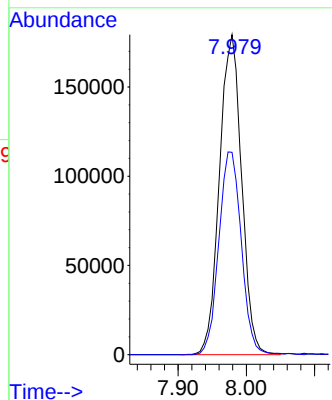
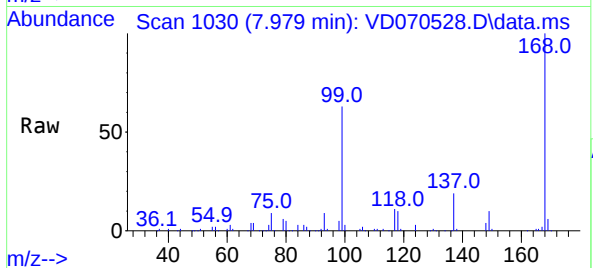




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

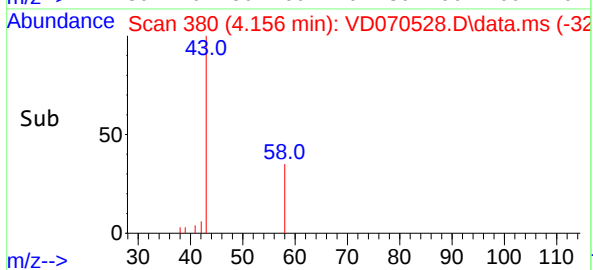
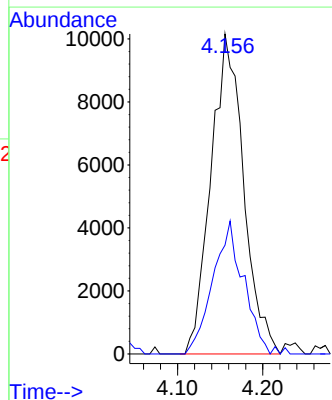
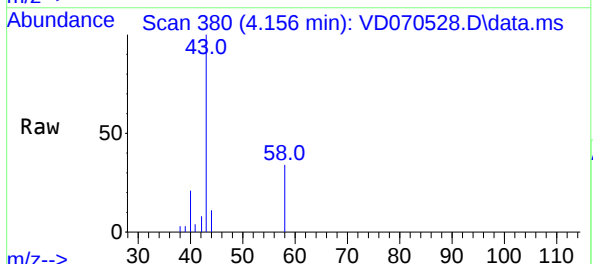
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821

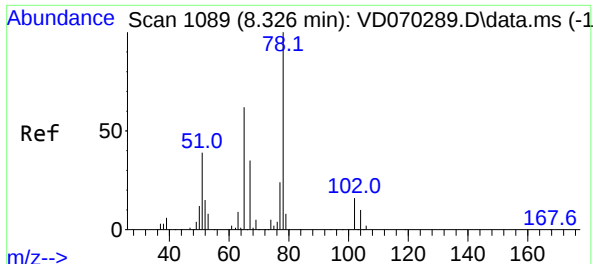
Tgt Ion:168 Resp: 406102
Ion Ratio Lower Upper
168 100
99 63.3 50.8 76.2



#16
Acetone
Concen: 29.067 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Tgt Ion: 43 Resp: 27060
Ion Ratio Lower Upper
43 100
58 34.0 30.9 46.3

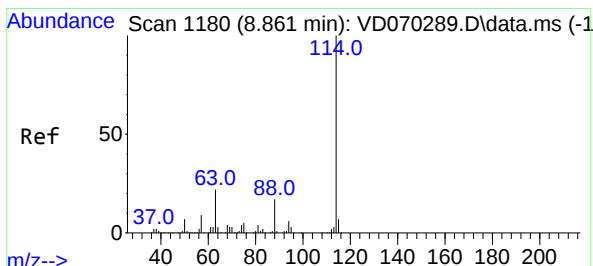
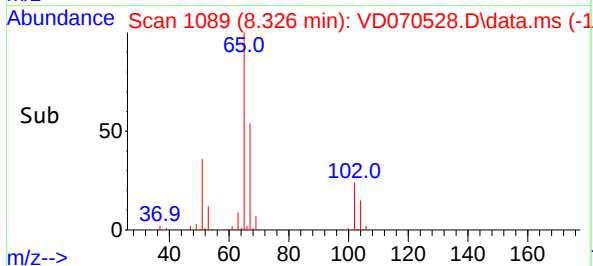
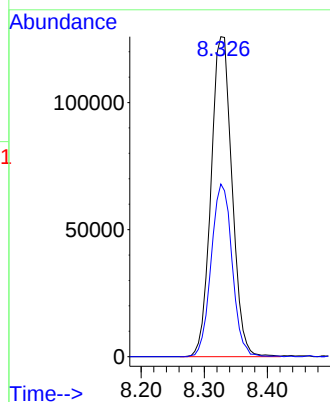
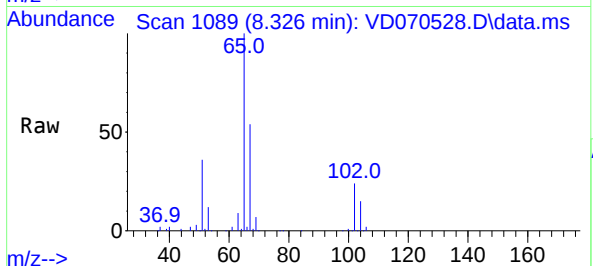




#33
1,2-Dichloroethane-d4
Concen: 55.735 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

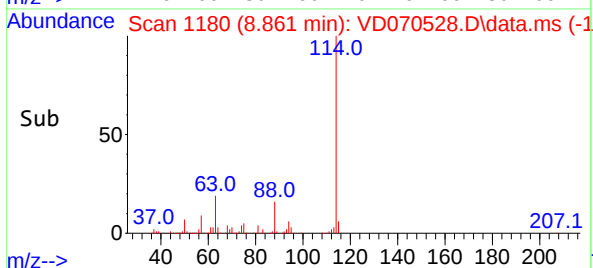
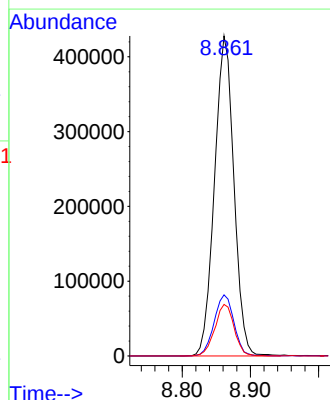
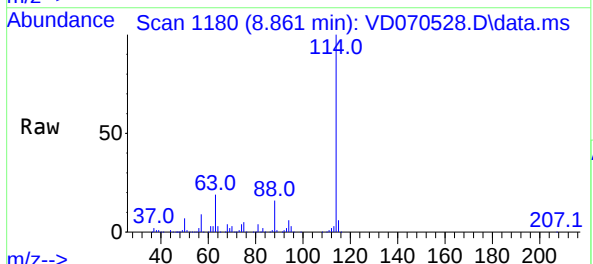
Instrument :
MSVOA_D
ClientSampleId :
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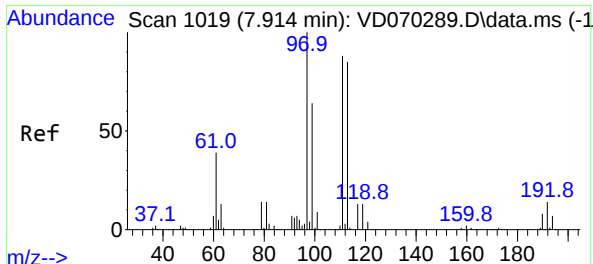
Tgt Ion: 65 Resp: 290628
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Tgt Ion:114 Resp: 847408
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.4
88 16.1 0.0 33.4

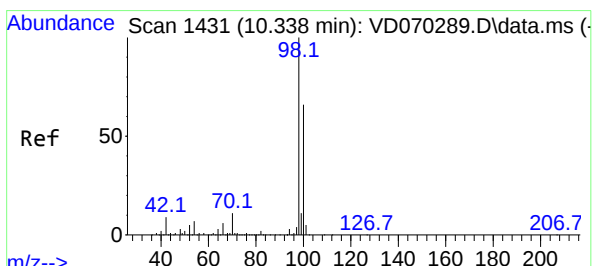
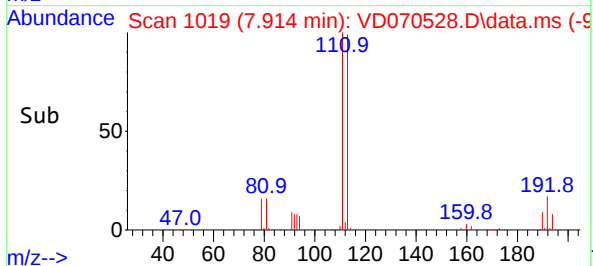
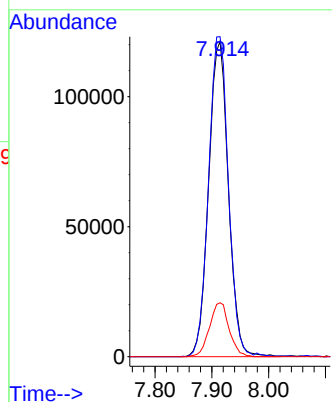
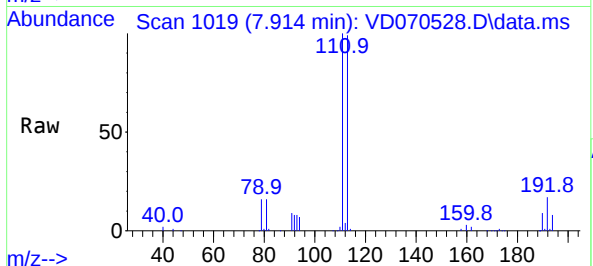




#35
Dibromofluoromethane
Concen: 48.383 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

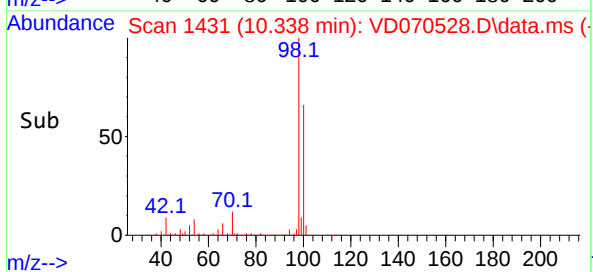
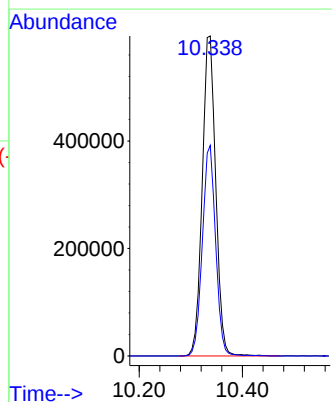
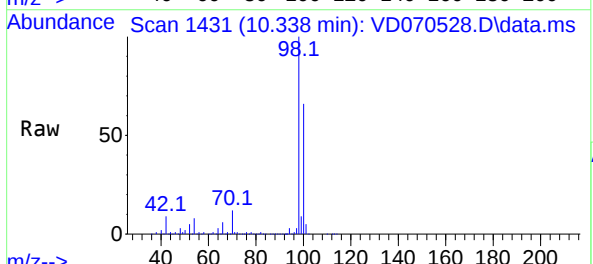
Instrument :
MSVOA_D
ClientSampleId :
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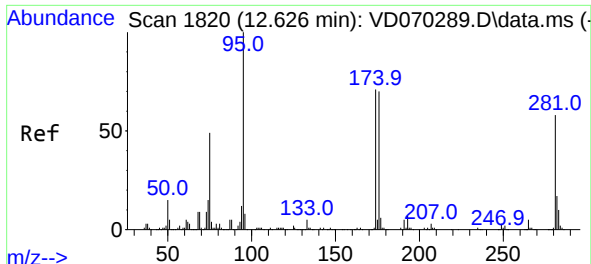
Tgt Ion:113 Resp: 291842
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 17.0 13.0 19.6



#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Tgt Ion: 98 Resp: 1078761
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

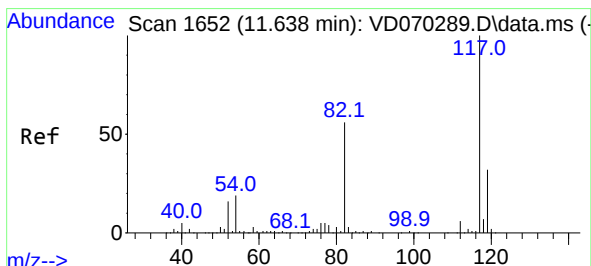
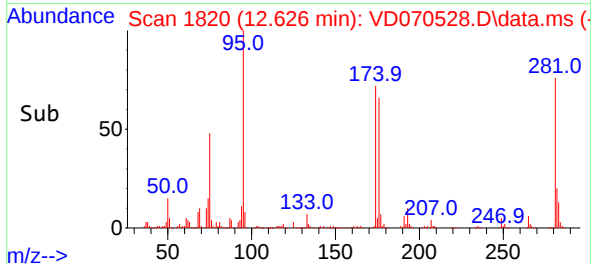
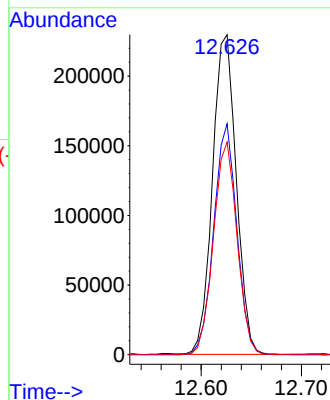
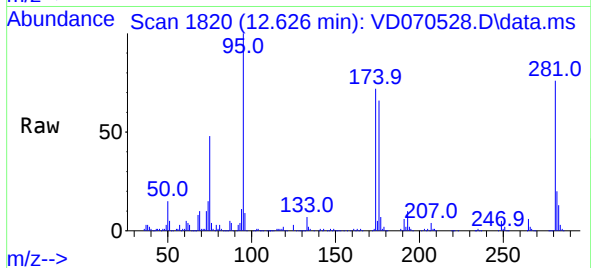




#62
4-Bromofluorobenzene
Concen: 49.458 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

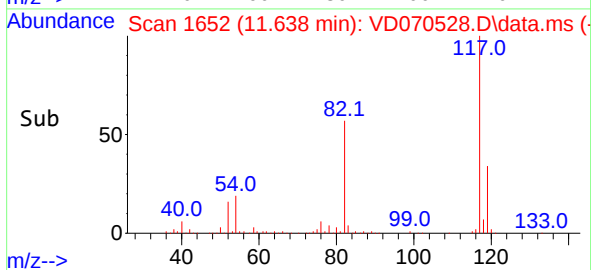
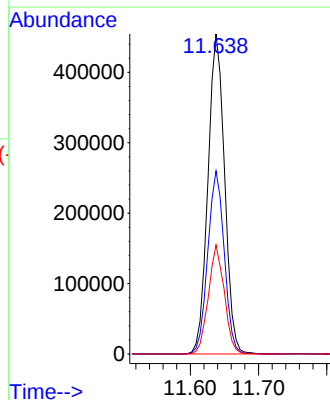
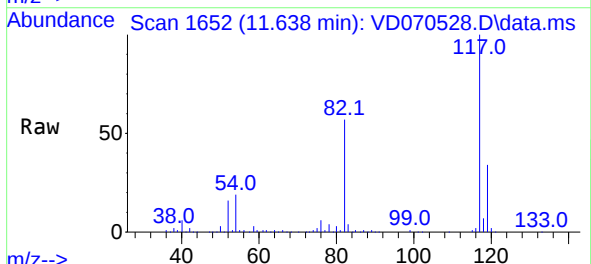
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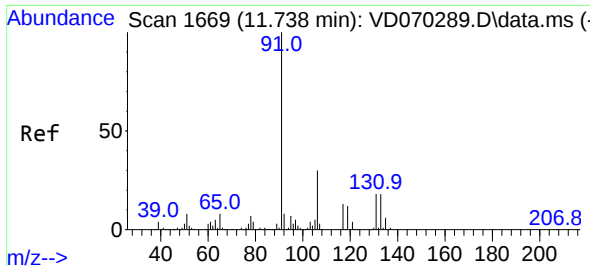
Tgt Ion: 95 Resp: 378551
Ion Ratio Lower Upper
95 100
174 70.1 0.0 140.6
176 65.8 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Tgt Ion: 117 Resp: 773632
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 34.1 25.2 37.8

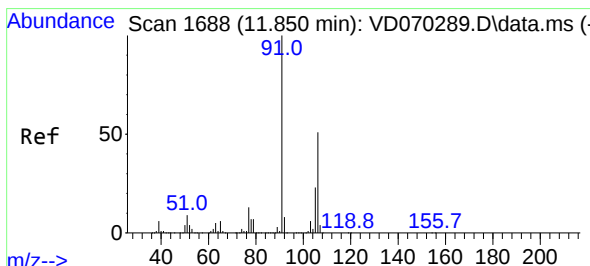
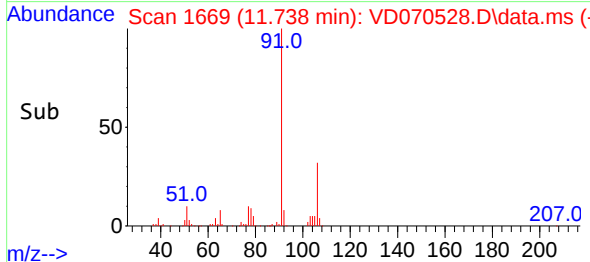
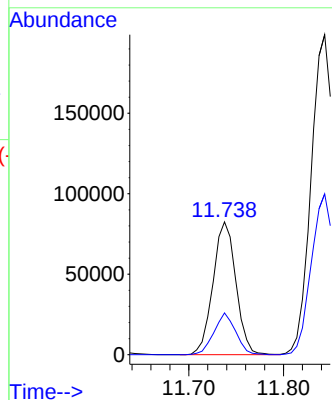
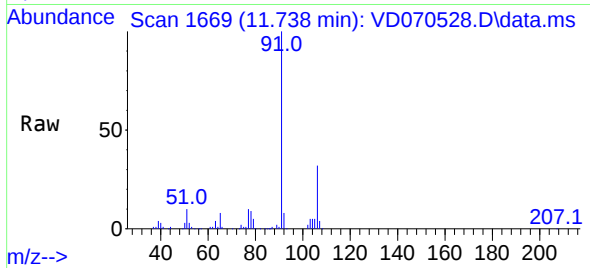




#67
Ethyl Benzene
Concen: 5.012 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

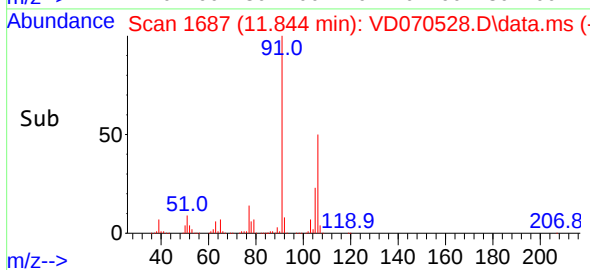
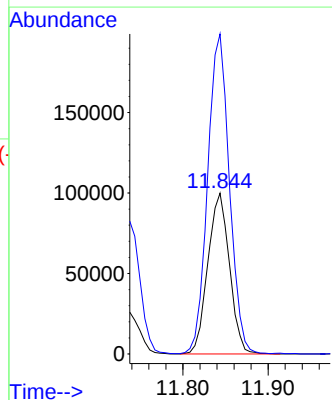
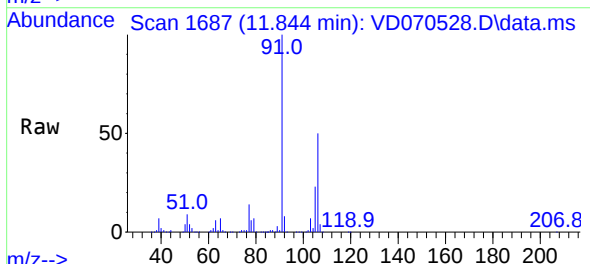
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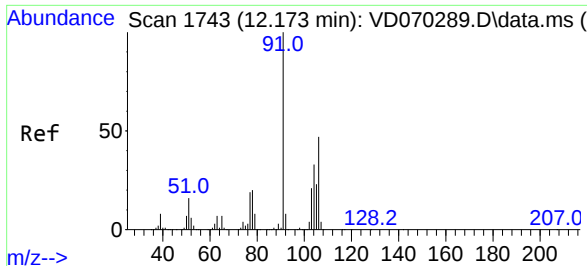
Tgt Ion: 91 Resp: 138533
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2



#68
m/p-Xylenes
Concen: 16.485 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Tgt Ion:106 Resp: 175981
Ion Ratio Lower Upper
106 100
91 199.9 161.2 241.8

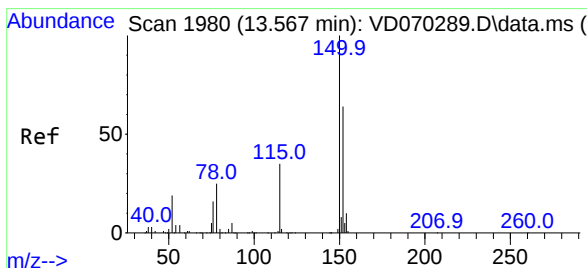
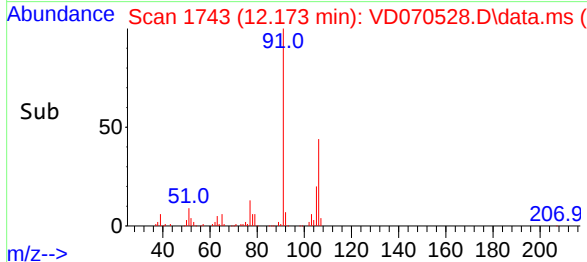
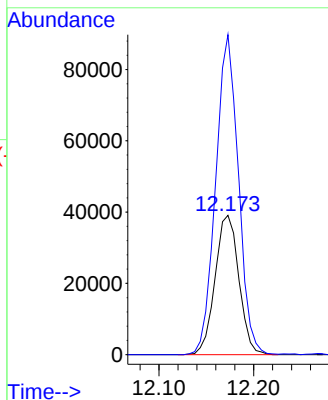
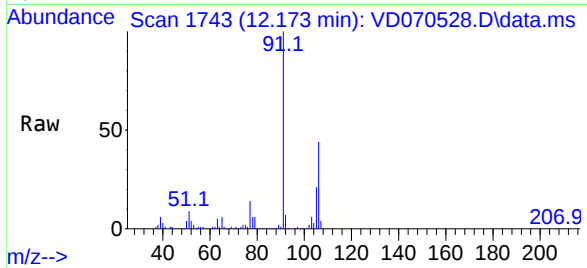




#69
o-Xylene
Concen: 7.142 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Instrument :
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ClientSampleId :
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Tgt Ion:106 Resp: 68306
Ion Ratio Lower Upper
106 100
91 219.7 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070528.D
Acq: 29 Sep 2021 17:40

Tgt Ion:152 Resp: 312562
Ion Ratio Lower Upper
152 100
115 63.6 32.1 96.3
150 157.7 0.0 350.6

