

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070882.D
 Acq On : 28 Oct 2021 01:12
 Operator : VA/SY
 Sample : M4375-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7(1.0-1.5)

Quant Time: Oct 28 05:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

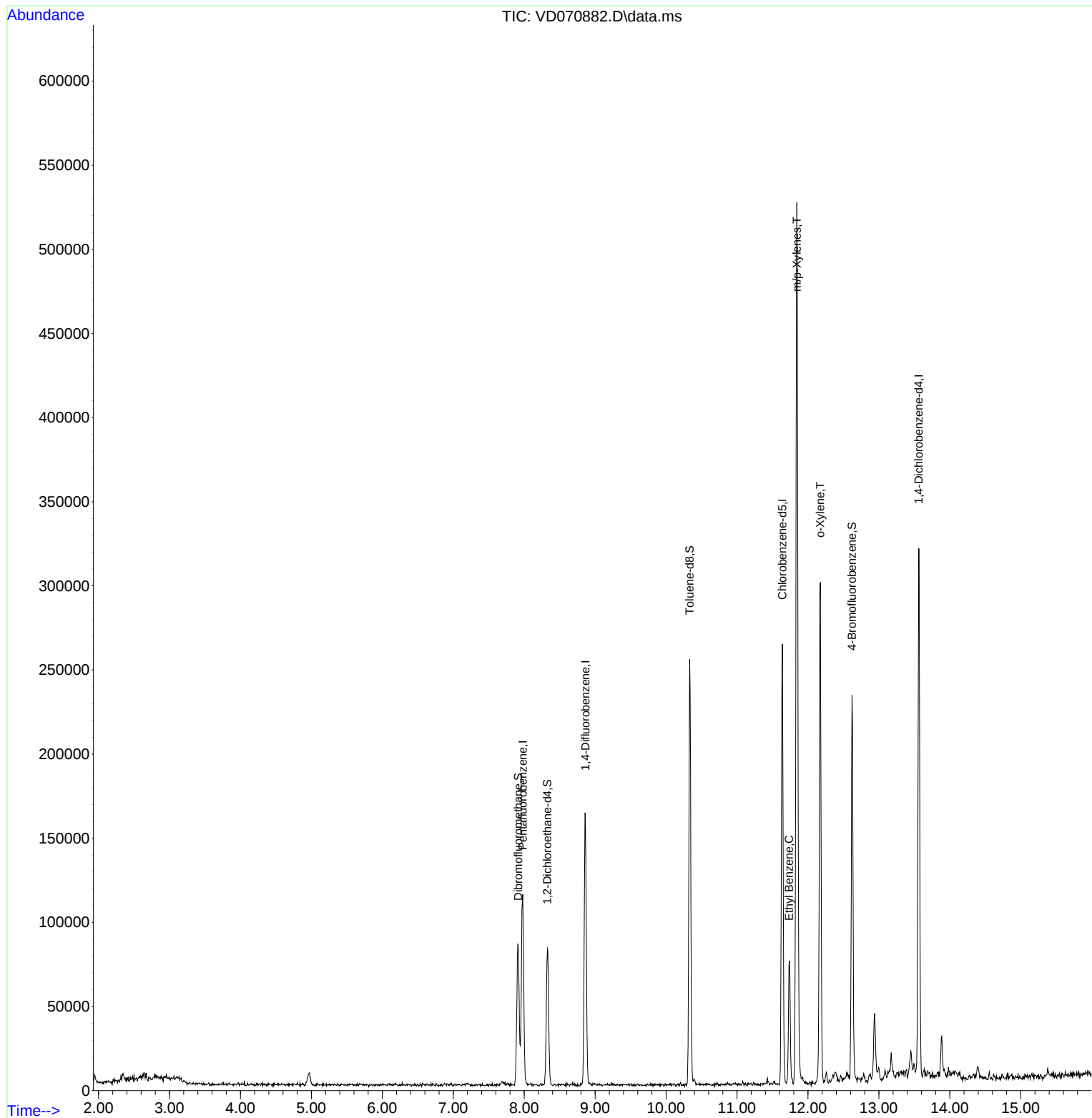
Internal Standards						
1) Pentafluorobenzene	7.979	168	93987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	147634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	166380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	63915	67.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.240%
35) Dibromofluoromethane	7.914	113	62026	63.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.440%
50) Toluene-d8	10.332	98	186937	51.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.620	95	79502	65.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.600%
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.732	91	54188	9.116	ug/l	93
68) m/p-Xylenes	11.844	106	172886	74.697	ug/l	96
69) o-Xylene	12.173	106	87312	41.652	ug/l	93

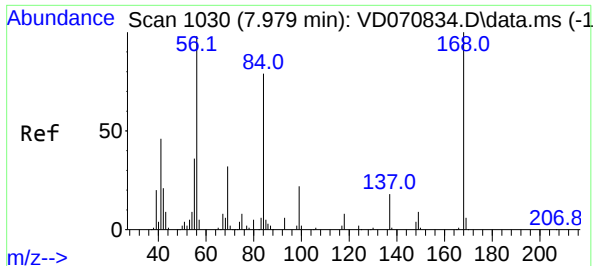
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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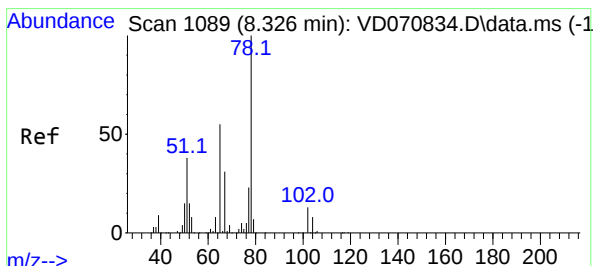
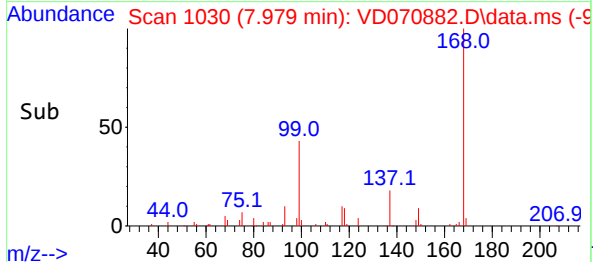
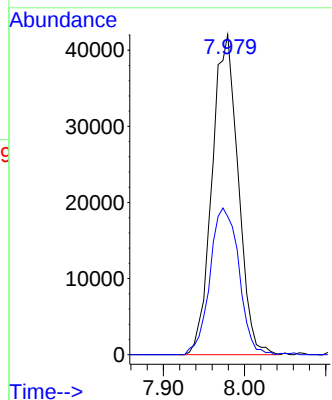
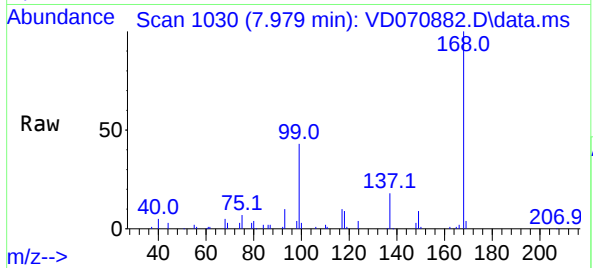




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

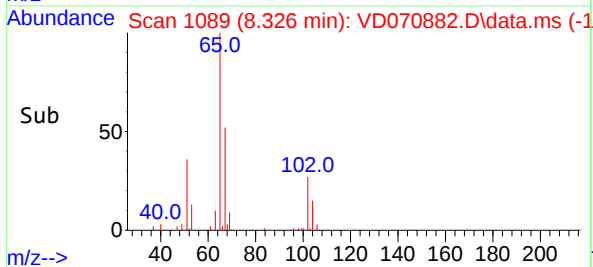
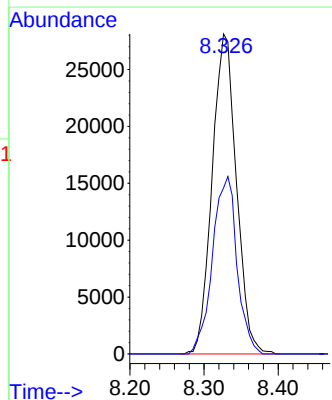
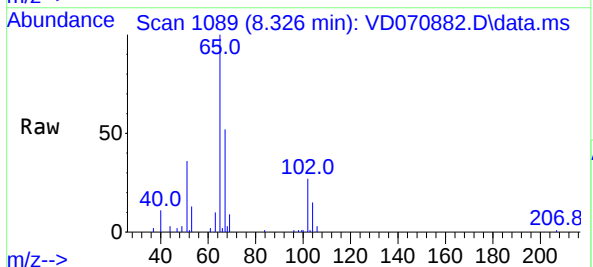
Instrument :
MSVOA_D
ClientSampleId :
SB-7(1.0-1.5)

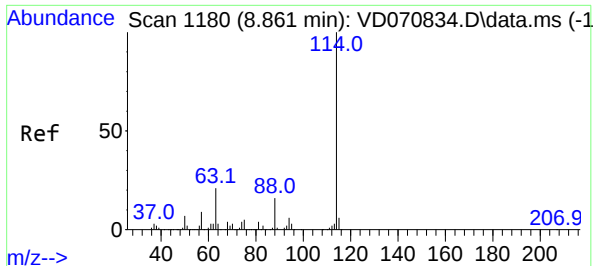
Tgt Ion:168 Resp: 93987
Ion Ratio Lower Upper
168 100
99 43.2 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 67.615 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

Tgt Ion: 65 Resp: 63915
Ion Ratio Lower Upper
65 100
67 56.0 0.0 112.2



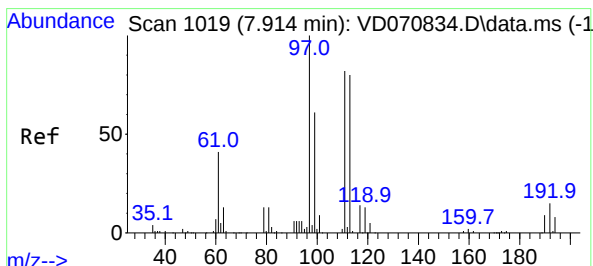
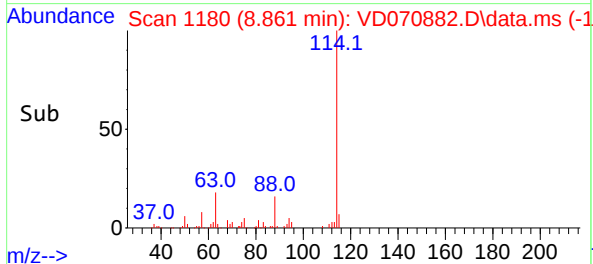
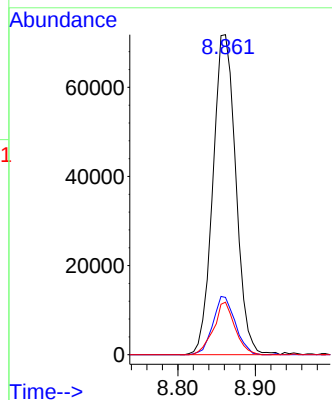
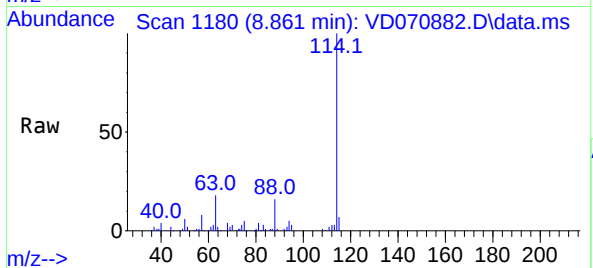


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

Instrument :
MSVOA_D
ClientSampleId :
SB-7(1.0-1.5)

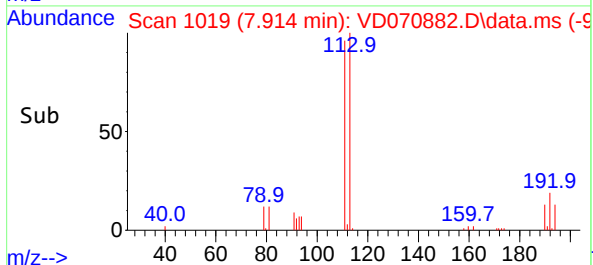
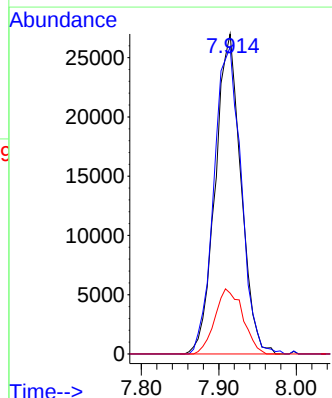
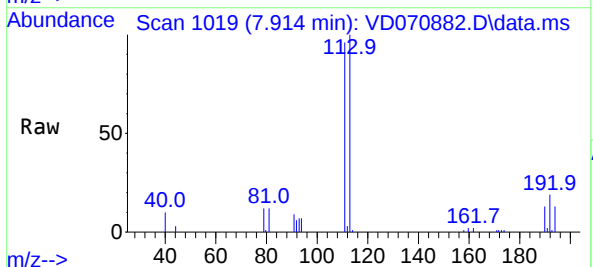
Tgt Ion:114 Resp: 147634
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.8
88 16.4 0.0 32.8

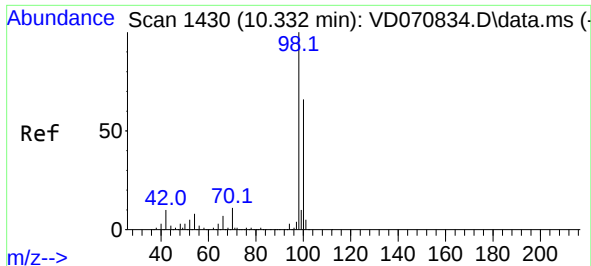


#35

Dibromofluoromethane
Concen: 63.719 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

Tgt Ion:113 Resp: 62026
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 22.1 15.2 22.8

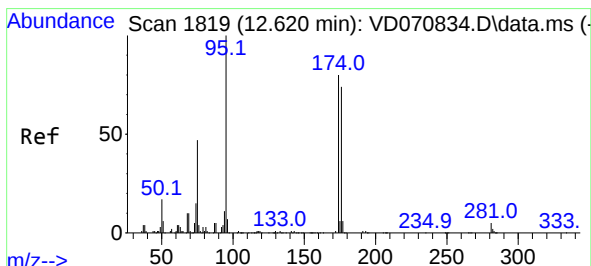
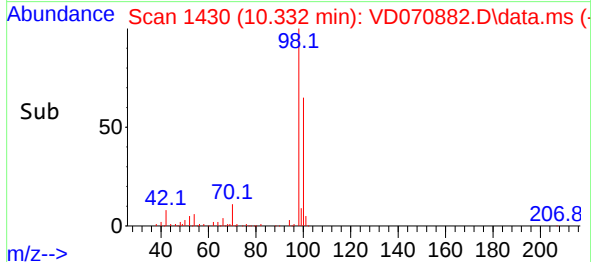
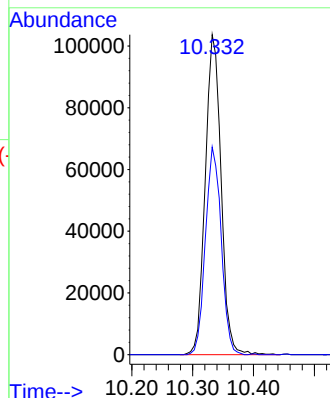
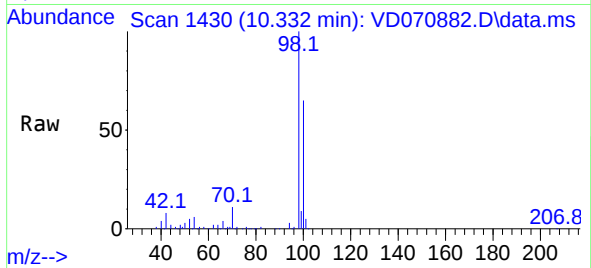




#50
Toluene-d8
Concen: 51.045 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

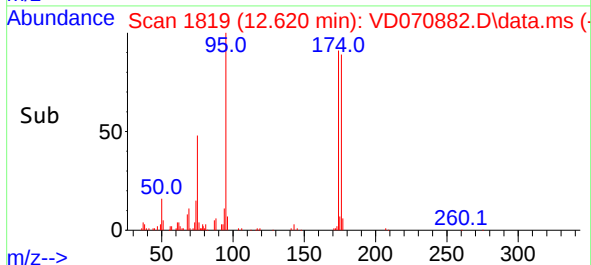
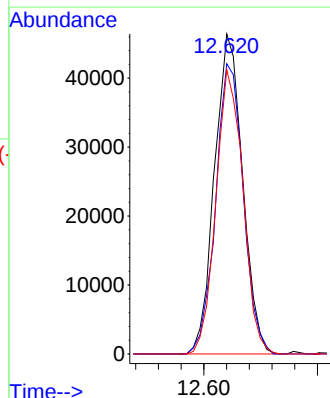
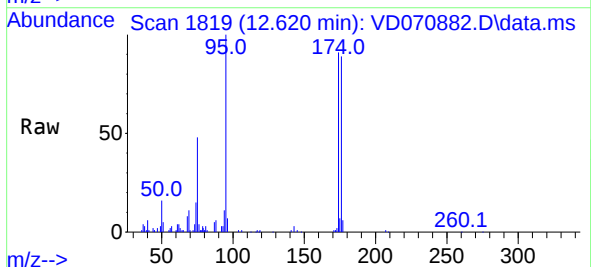
Instrument :
MSVOA_D
ClientSampleId :
SB-7(1.0-1.5)

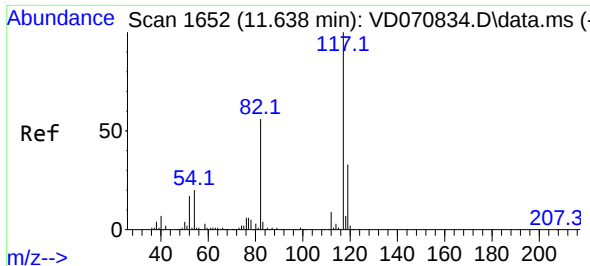
Tgt Ion: 98 Resp: 186937
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

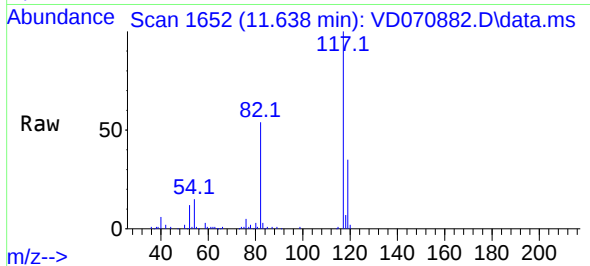
Tgt Ion: 95 Resp: 79502
Ion Ratio Lower Upper
95 100
174 89.3 0.0 159.4
176 85.5 0.0 154.0



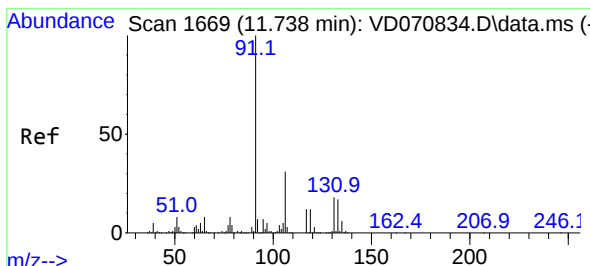
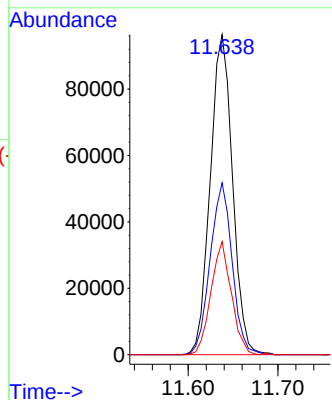
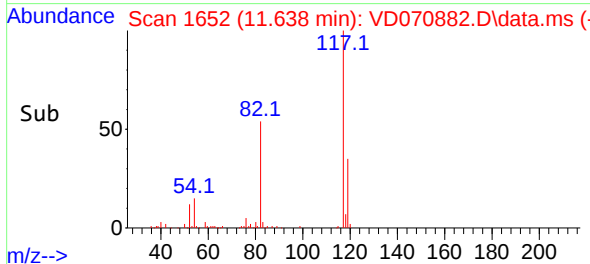


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

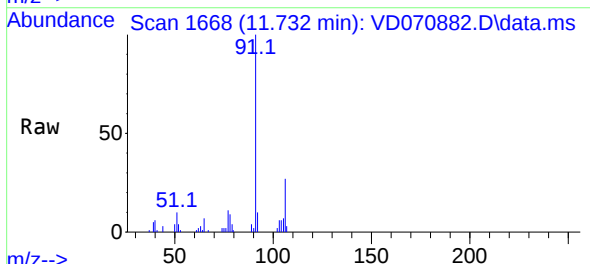
Instrument :
MSVOA_D
ClientSampleId :
SB-7(1.0-1.5)



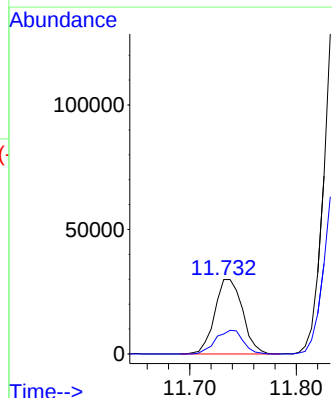
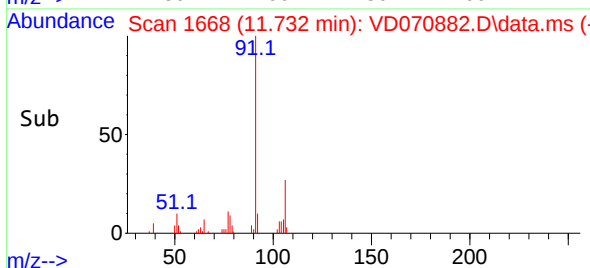
Tgt Ion:117 Resp: 166380
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 35.4 26.2 39.4

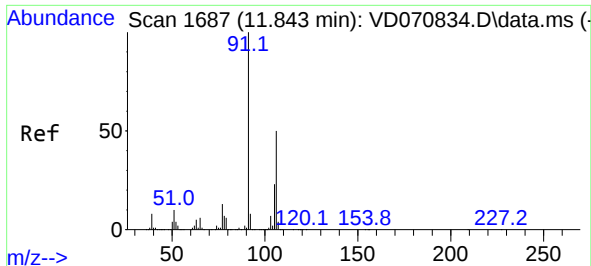


#67
Ethyl Benzene
Concen: 9.116 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12



Tgt Ion: 91 Resp: 54188
Ion Ratio Lower Upper
91 100
106 27.0 24.6 36.8

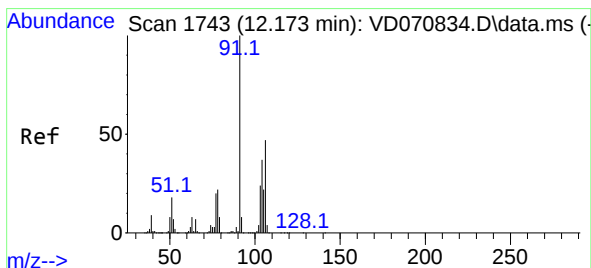
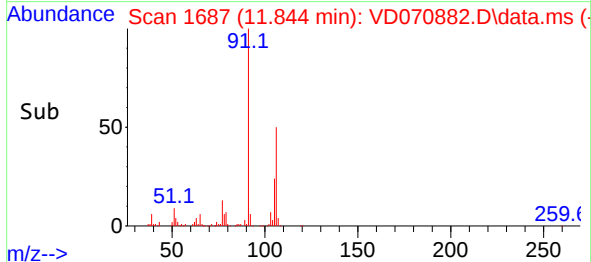
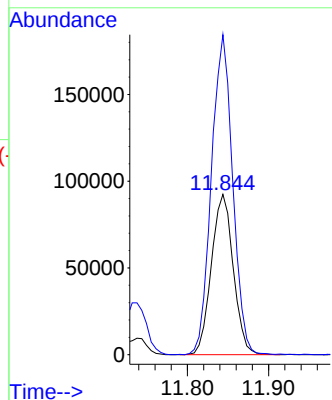
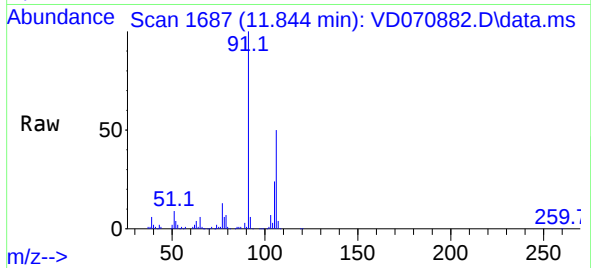




#68
m/p-Xylenes
Concen: 74.697 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

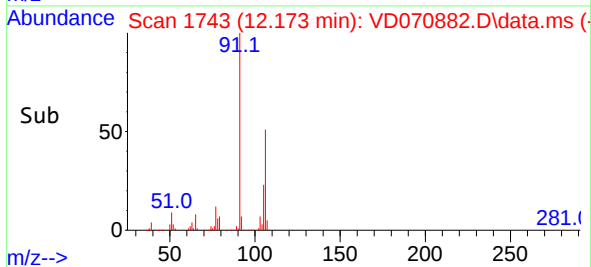
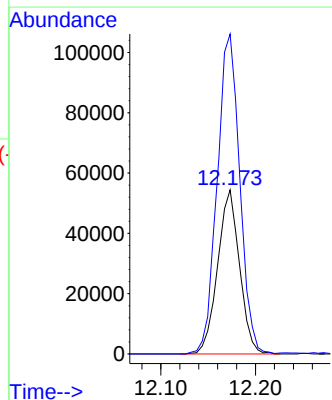
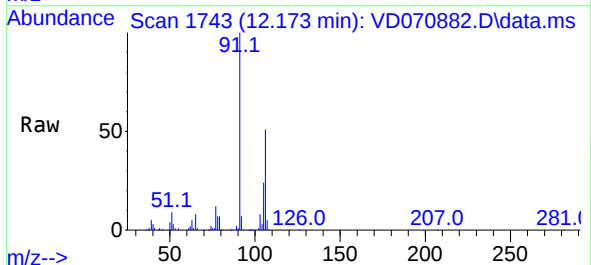
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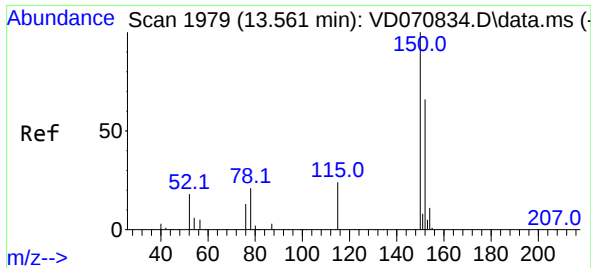
Tgt Ion:106 Resp: 172886
Ion Ratio Lower Upper
106 100
91 194.2 160.1 240.1



#69
o-Xylene
Concen: 41.652 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070882.D
Acq: 28 Oct 2021 01:12

Tgt Ion:106 Resp: 87312
Ion Ratio Lower Upper
106 100
91 201.5 106.3 319.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070882.D
 Acq: 28 Oct 2021 01:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7(1.0-1.5)

Tgt Ion:152 Resp: 91783
 Ion Ratio Lower Upper
 152 100
 115 52.5 29.8 89.3
 150 158.2 0.0 349.2

