

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071364.D
 Acq On : 16 Dec 2021 13:44
 Operator : VA/SY
 Sample : M5083-13
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB5

Quant Time: Dec 16 23:48:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

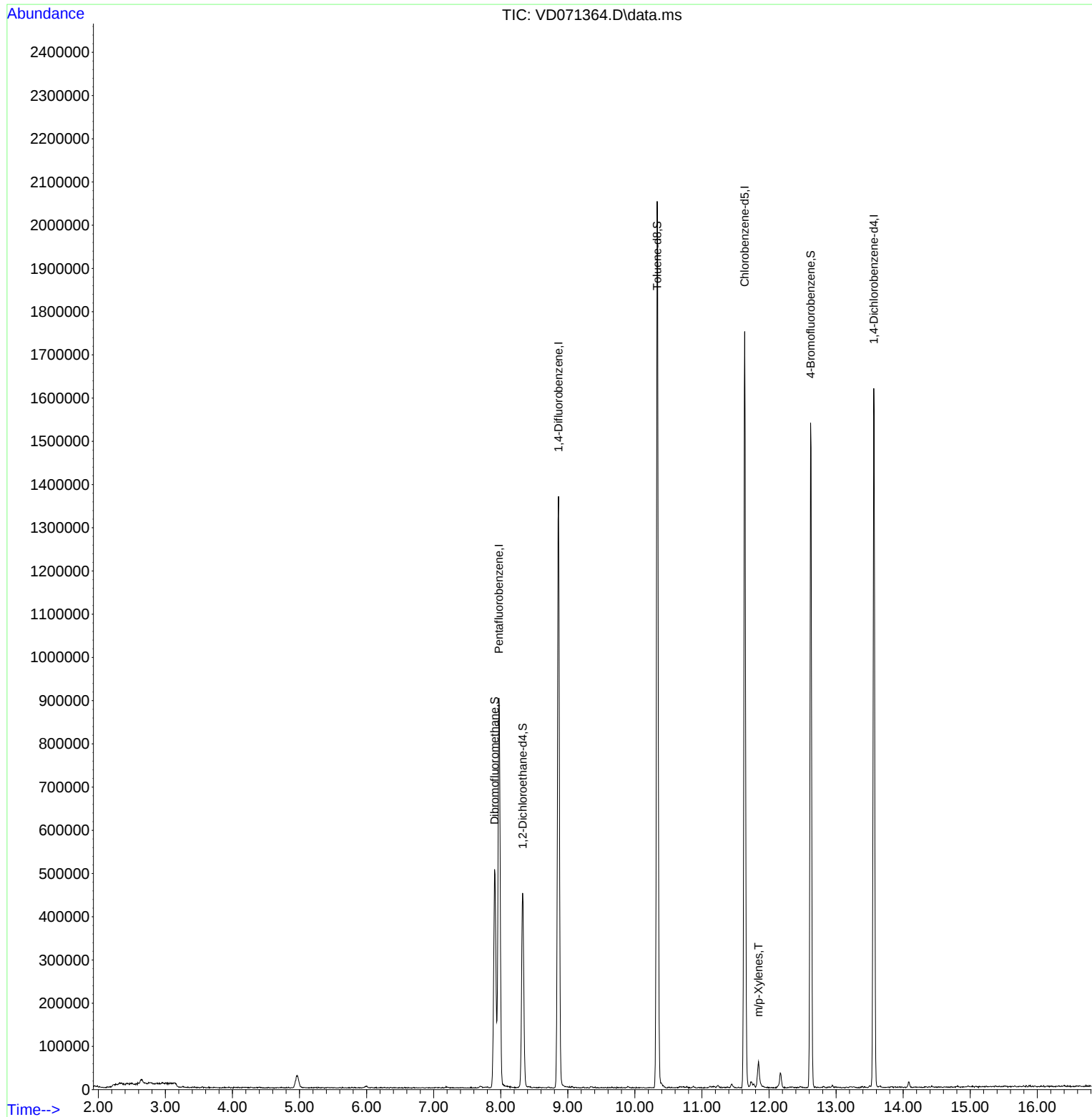
Internal Standards						
1) Pentafluorobenzene	7.973	168	634560	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	1084861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	918679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	386526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	359236	48.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.908	113	348348	50.425	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.332	98	1293929	49.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.620	95	419057	45.985	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.960%
Target Compounds						Qvalue
68) m/p-Xylenes	11.844	106	16546	1.366	ug/l	88

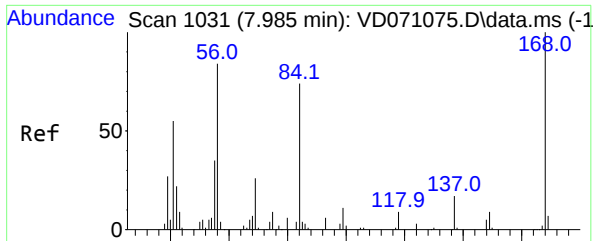
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071364.D

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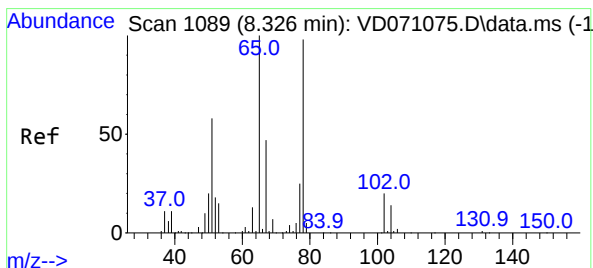
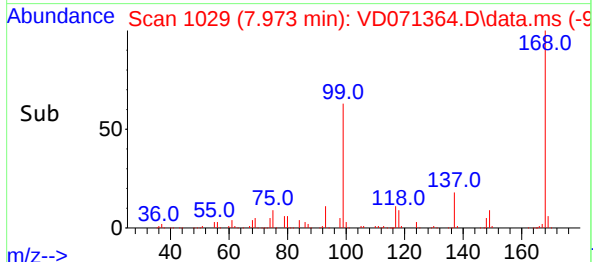
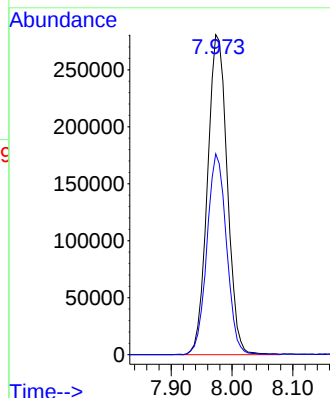
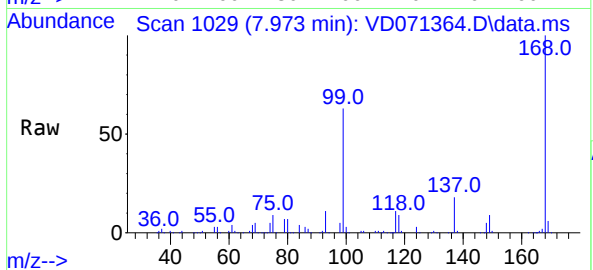
BB5

Tgt Ion:168 Resp: 634560

Ion Ratio Lower Upper

168 100

99 62.6 46.6 69.8



1,2-Dichloroethane-d4

Concen: 48.247 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071364.D

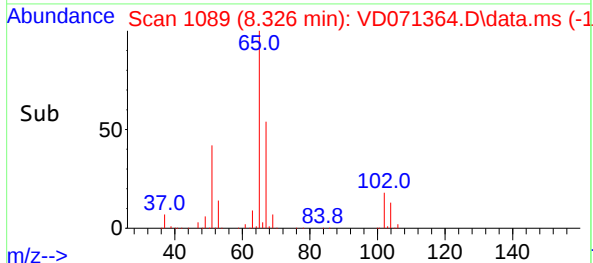
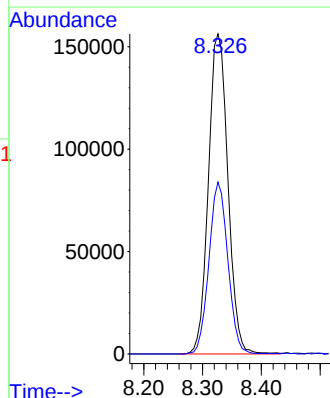
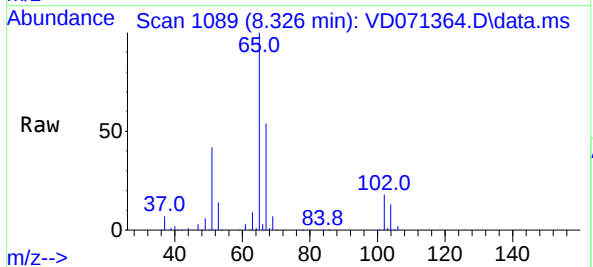
Acq: 16 Dec 2021 13:44

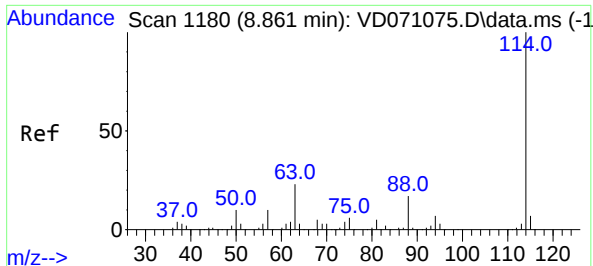
Tgt Ion: 65 Resp: 359236

Ion Ratio Lower Upper

65 100

67 52.1 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: VD071364.D

Acq: 16 Dec 2021 13:44

Instrument :

MSVOA_D

ClientSampleId :

BB5

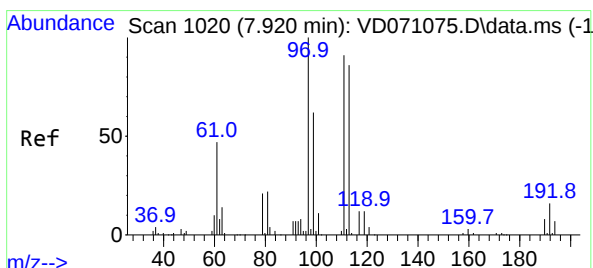
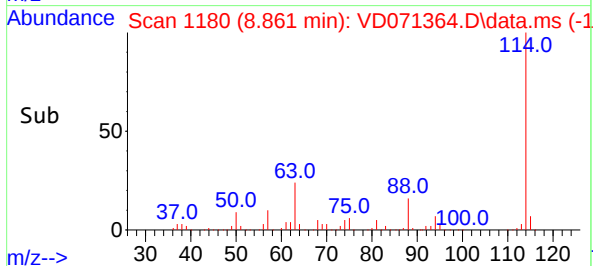
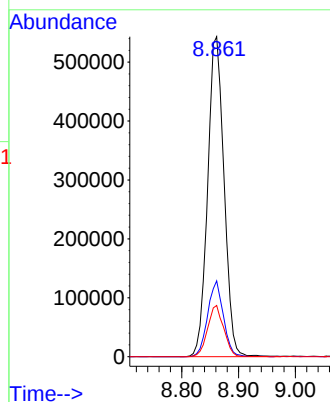
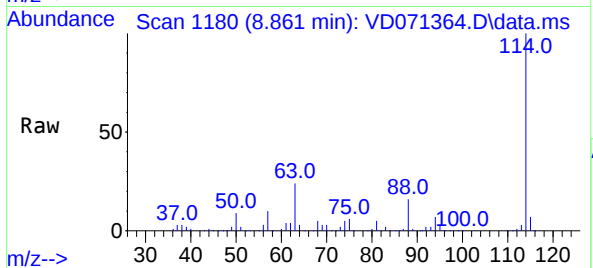
Tgt Ion:114 Resp: 1084861

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071364.D

Acq: 16 Dec 2021 13:44

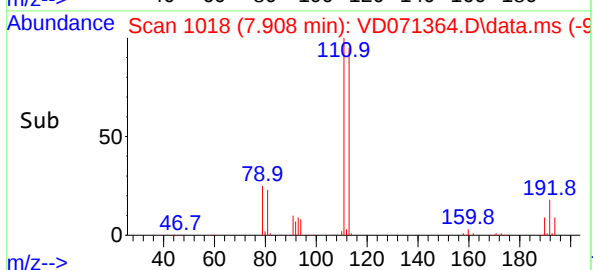
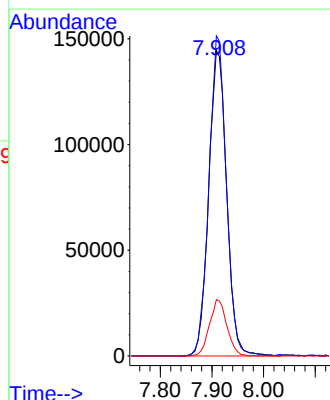
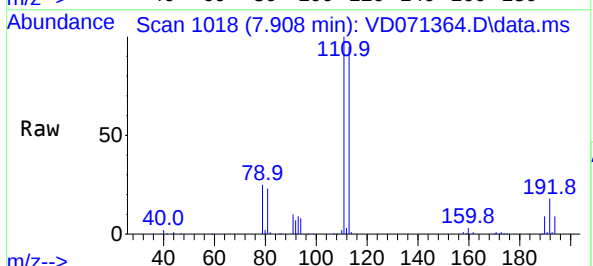
Tgt Ion:113 Resp: 348348

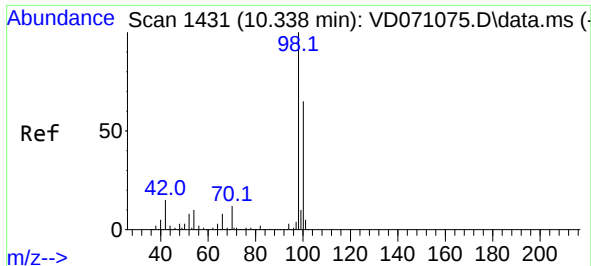
Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 17.9 15.2 22.8

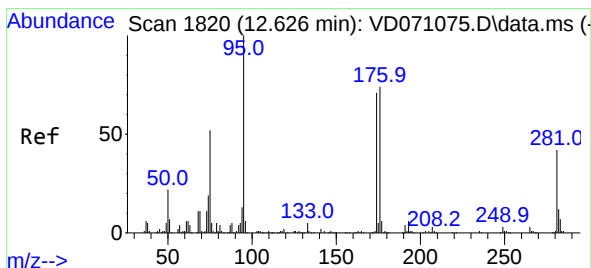
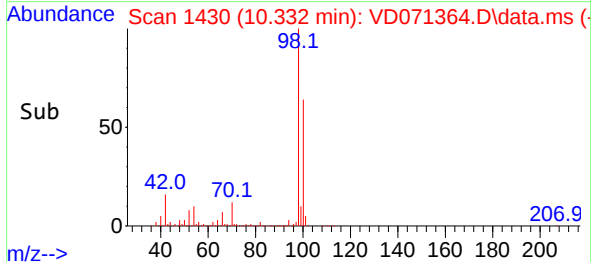
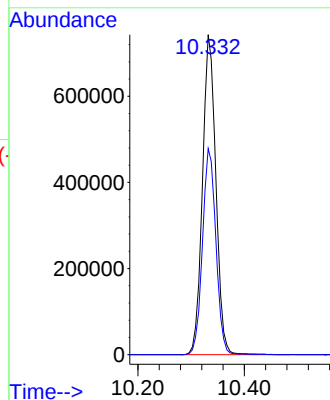
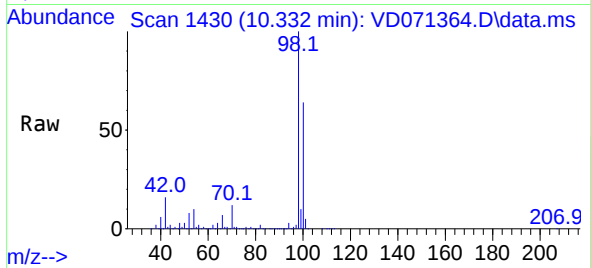




#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071364.D
Acq: 16 Dec 2021 13:44

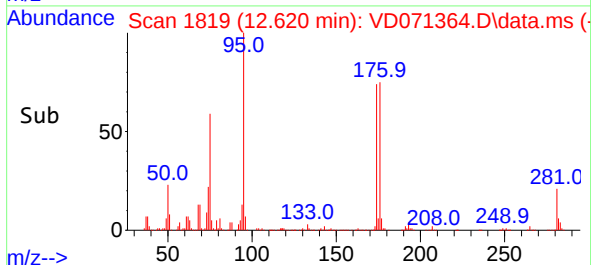
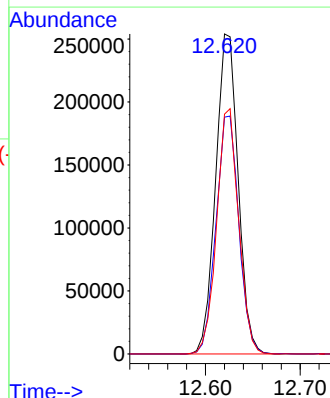
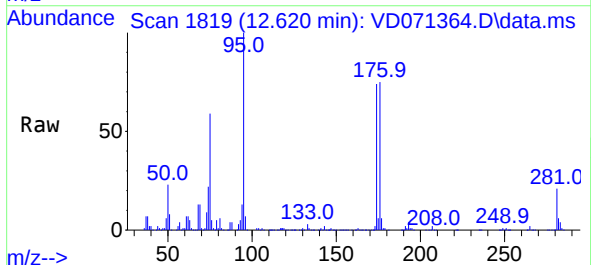
Instrument :
MSVOA_D
ClientSampleId :
BB5

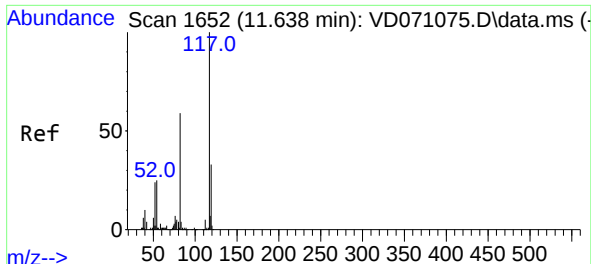
Tgt Ion: 98 Resp: 1293929
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.985 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071364.D
Acq: 16 Dec 2021 13:44

Tgt Ion: 95 Resp: 419057
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 74.8 0.0 154.0

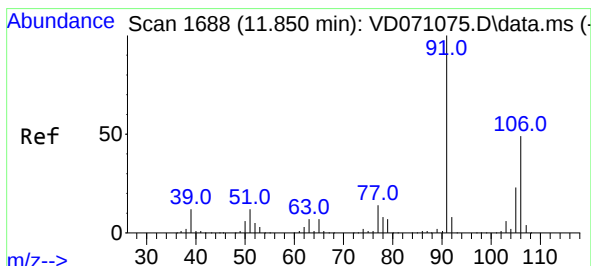
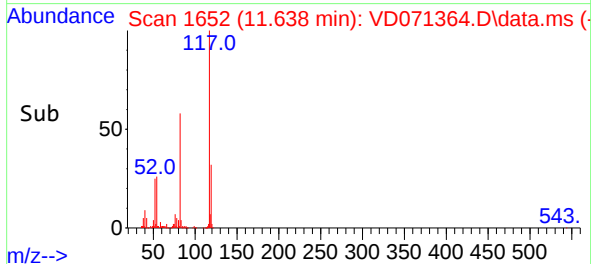
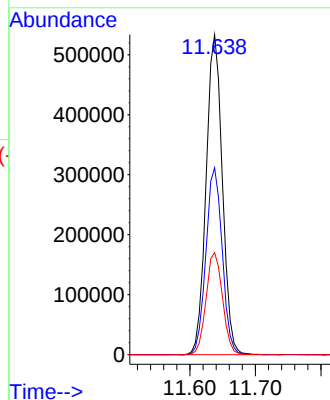
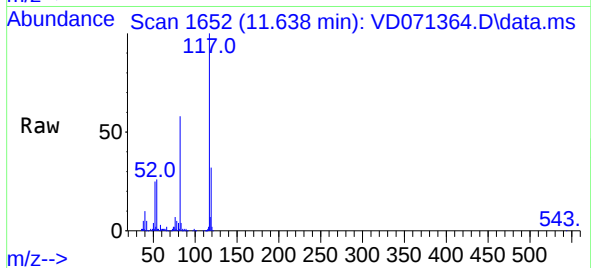




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071364.D
Acq: 16 Dec 2021 13:44

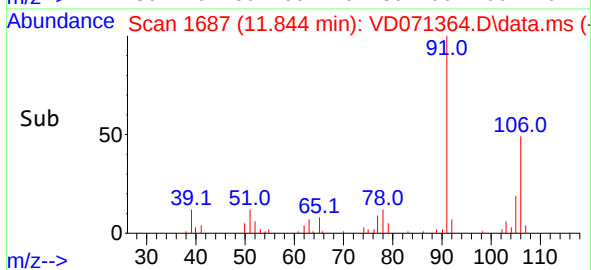
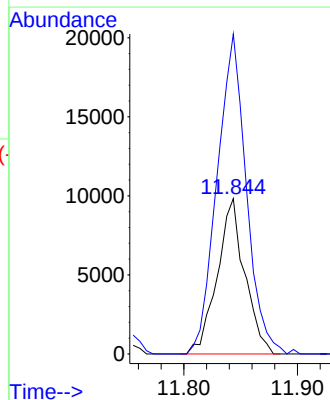
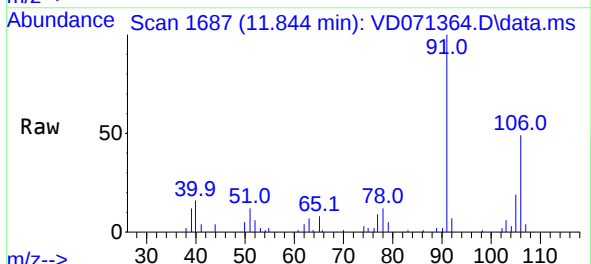
Instrument :
MSVOA_D
ClientSampleId :
BB5

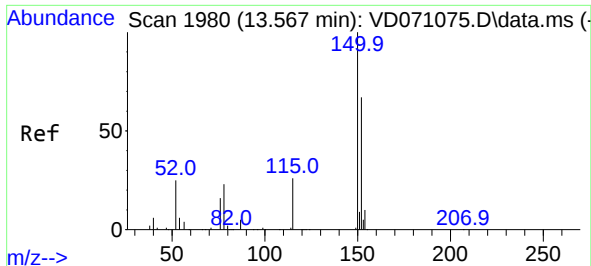
Tgt Ion:117 Resp: 918679
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.9 26.2 39.4



#68
m/p-Xylenes
Concen: 1.366 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071364.D
Acq: 16 Dec 2021 13:44

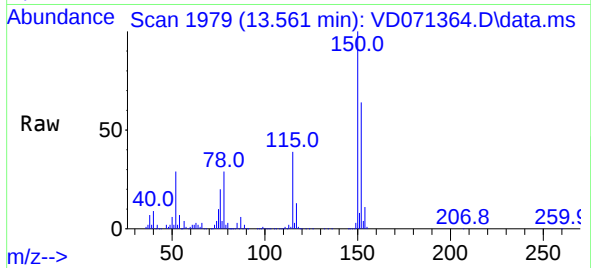
Tgt Ion:106 Resp: 16546
Ion Ratio Lower Upper
106 100
91 218.9 160.1 240.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD071364.D
 Acq: 16 Dec 2021 13:44

Instrument :
 MSVOA_D
 ClientSampleId :
 BB5



Tgt Ion:	152	Resp:	386526
Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.8	89.3
150	160.3	0.0	349.2

