

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059821.D
 Acq On : 16 Aug 2018 20:10
 Operator : VA/AP
 Sample : J4501-06
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-SSW-15-021

Quant Time: Aug 17 06:34:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	215774	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.66	114	262910	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	153185	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	43650	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	120442	43.44	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	5.52	113	108379	47.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	8.68	98	213841	39.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	78.82%	
62) 4-Bromofluorobenzene	11.91	95	60977	25.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	50.16%	

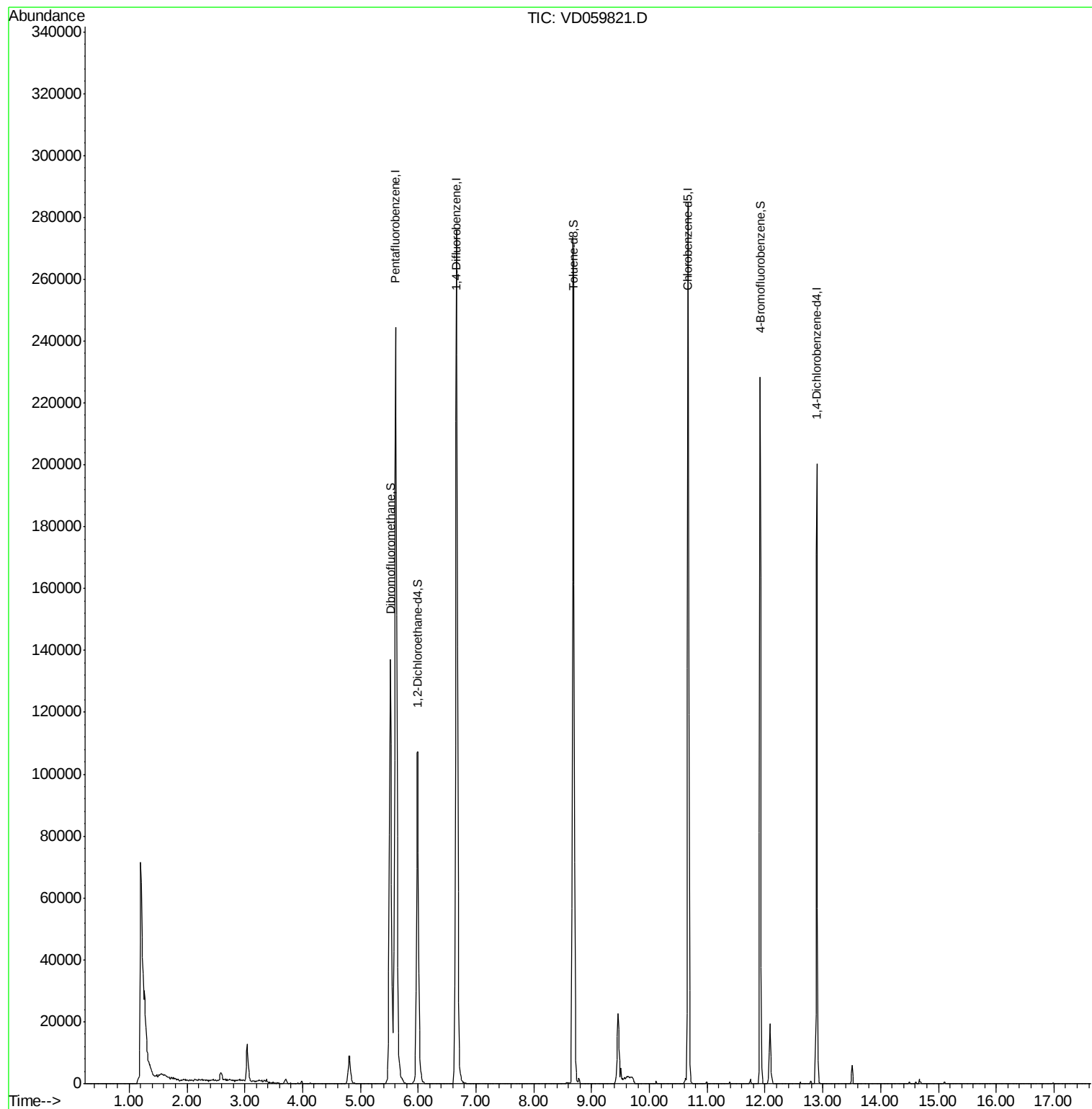
Target Compounds	Qvalue

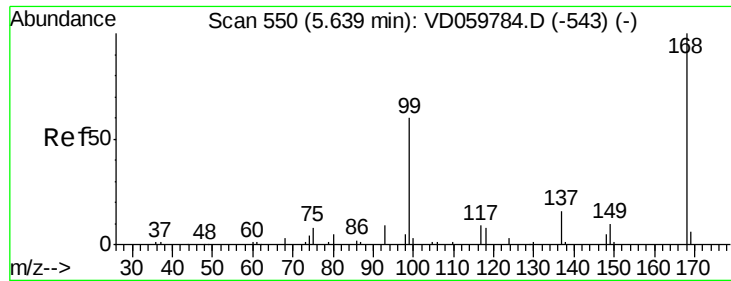
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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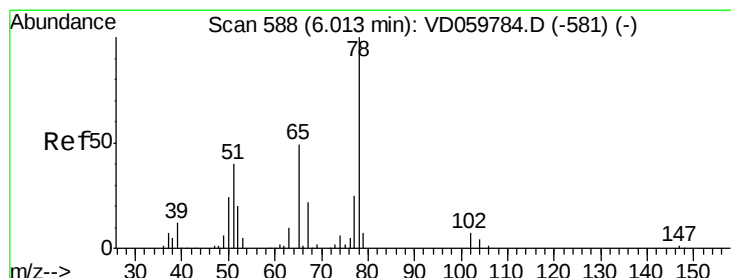
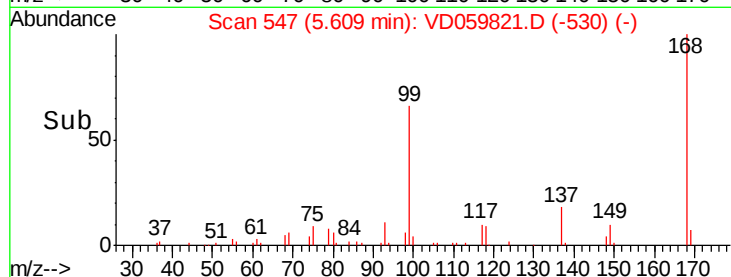
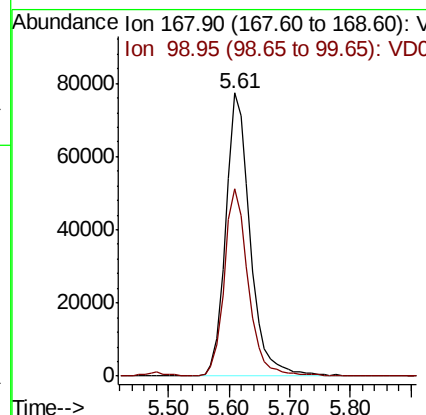
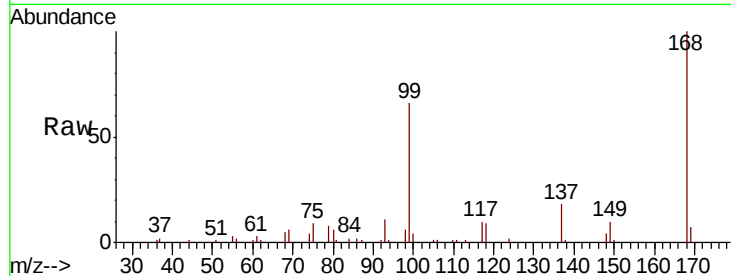




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.03 min
Lab File: VD059821.D
Acq: 16 Aug 2018 20:10

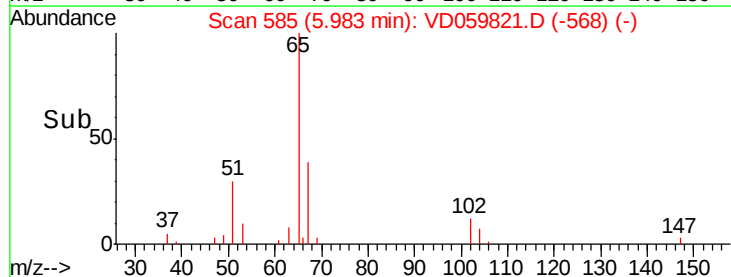
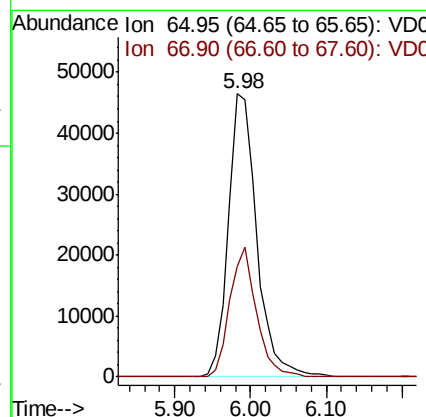
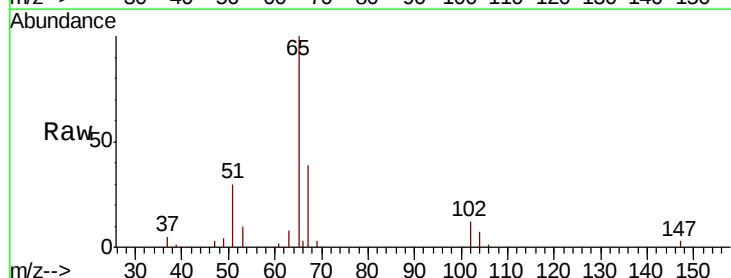
Instrument :
MSVOA_D
ClientSampleId :
RA-081318-SSW-15-021

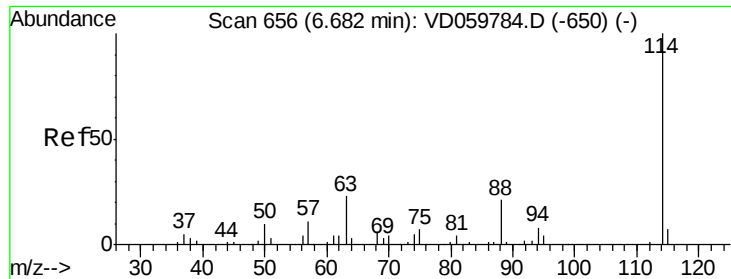
Tot Ion:168 Resp: 215774
Ion Ratio Lower Upper
168 100
99 66.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.98 min Scan# 585
Delta R.T. -0.03 min
Lab File: VD059821.D
Acq: 16 Aug 2018 20:10

Tgt Ion: 65 Resp: 120442
Ion Ratio Lower Upper
65 100
67 39.1 0.0 87.8

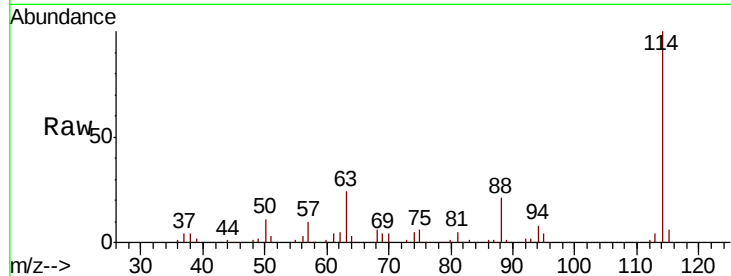




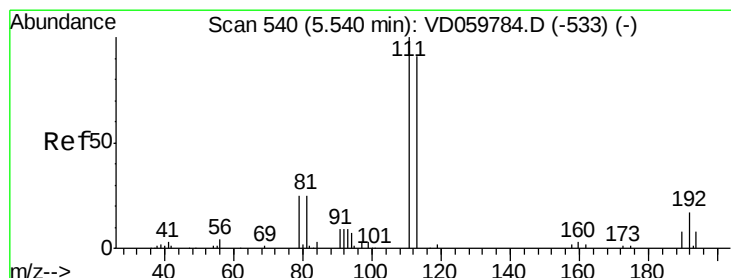
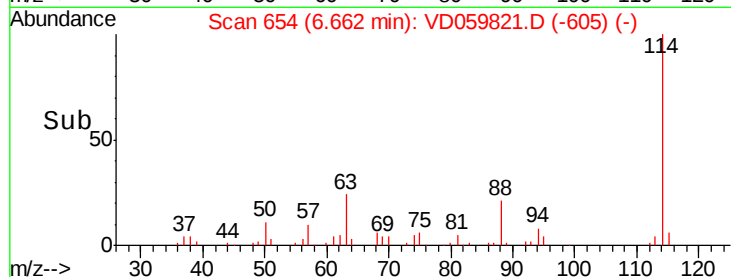
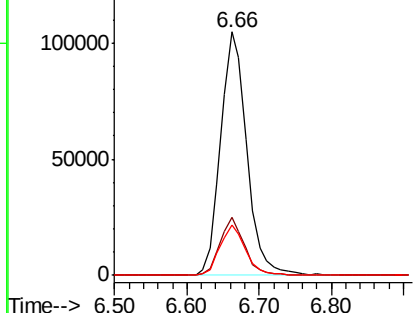
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: VD059821.D
 Acq: 16 Aug 2018 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-SSW-15-021

Tot Ion:114 Resp: 262910
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.0
 88 20.7 0.0 41.2

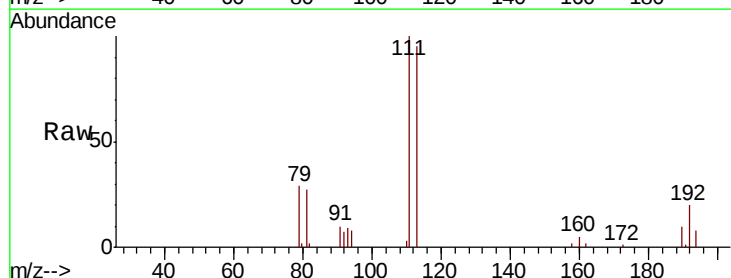


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

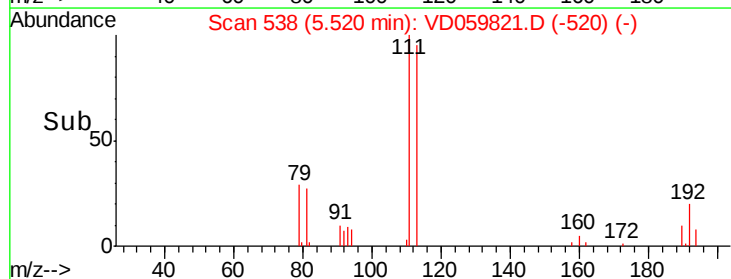
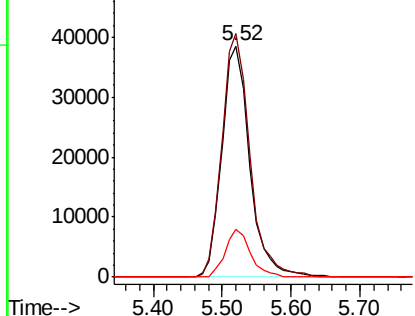


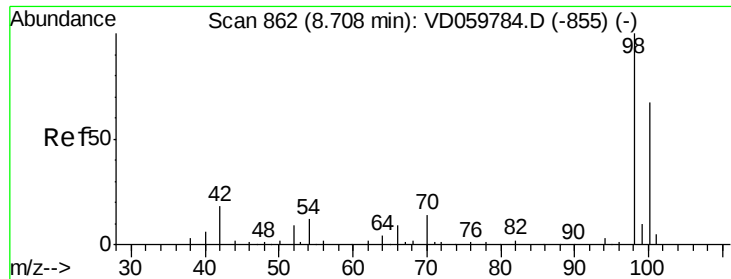
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059821.D
 Acq: 16 Aug 2018 20:10

Tgt Ion:113 Resp: 108379
 Ion Ratio Lower Upper
 113 100
 111 105.2 87.7 131.5
 192 20.6 14.6 21.8



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 859

Delta R.T. -0.03 min

Lab File: VD059821.D

Acq: 16 Aug 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

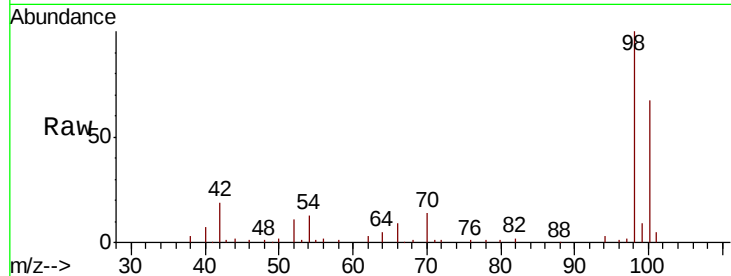
RA-081318-SSW-15-021

Tot Ion: 98 Resp: 213841

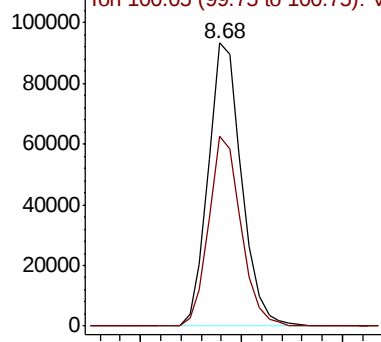
Ion Ratio Lower Upper

98 100

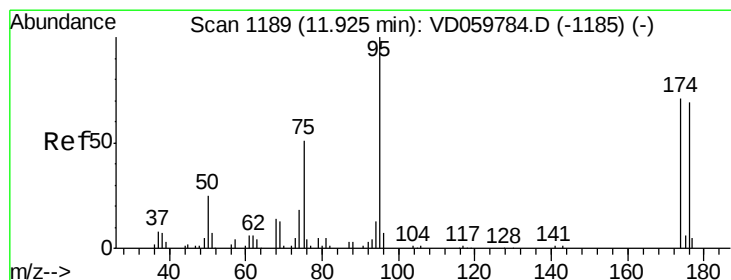
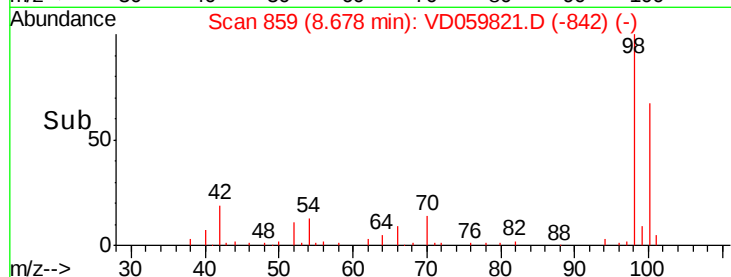
100 67.1 54.2 81.4



Abundance Ion 98.05 (97.75 to 98.75): VD059784.D (-855) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059821.D

Acq: 16 Aug 2018 20:10

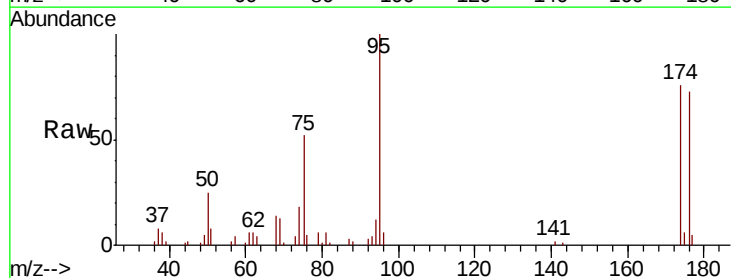
Tgt Ion: 95 Resp: 60977

Ion Ratio Lower Upper

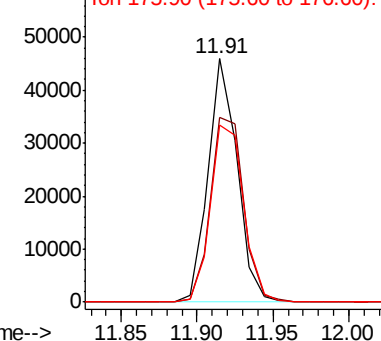
95 100

174 75.8 0.0 142.2

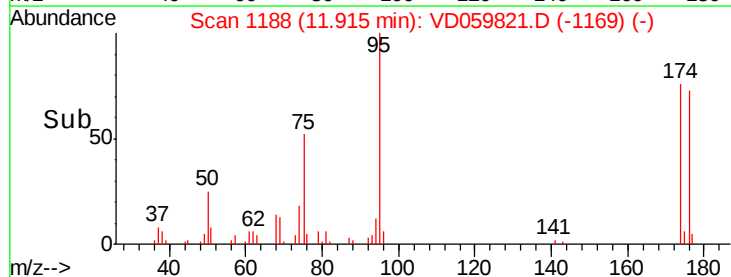
176 72.6 0.0 137.4

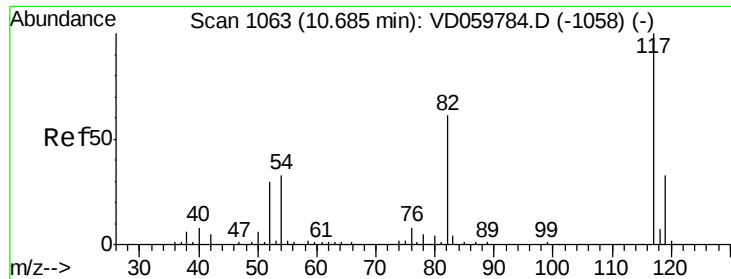


Abundance Ion 95.00 (94.70 to 95.70): VD059784.D (-1185) (-)



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059821.D

Acq: 16 Aug 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

RA-081318-SSW-15-021

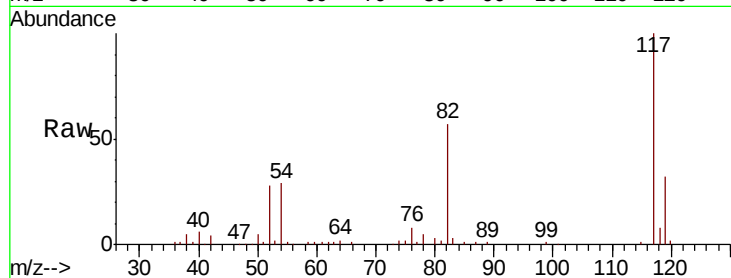
Tot Ion:117 Resp: 153185

Ion Ratio Lower Upper

117 100

82 57.5 49.0 73.6

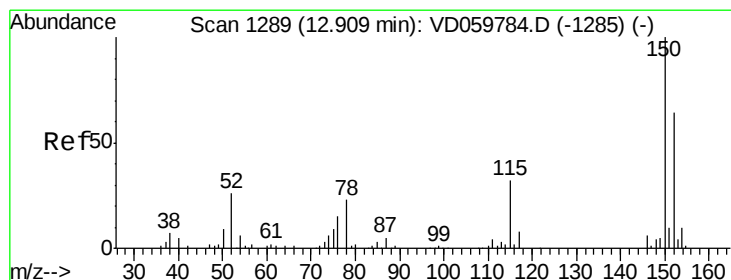
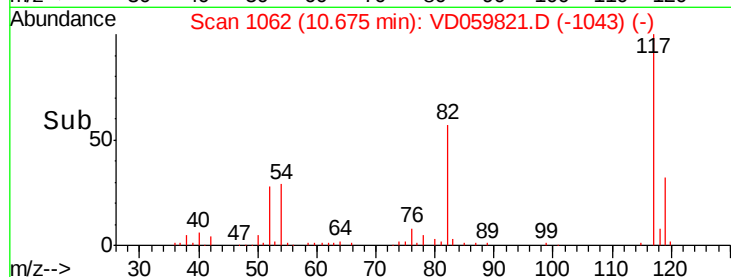
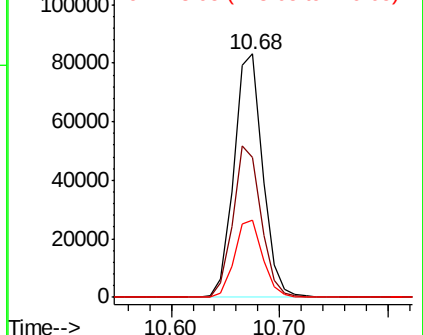
119 31.7 26.2 39.2



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059821.D

Acq: 16 Aug 2018 20:10

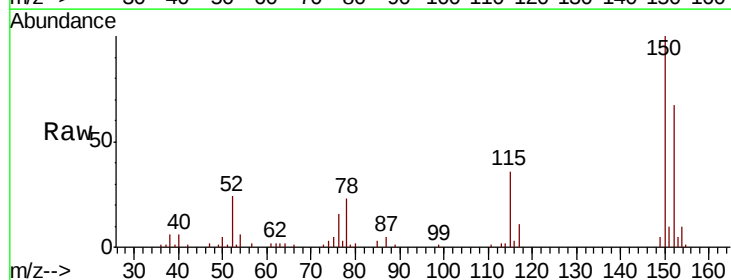
Tgt Ion:152 Resp: 43650

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.5

150 149.0 0.0 312.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

