

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004837.D
 Acq On : 21 Aug 2018 13:28
 Operator : SY/AP
 Sample : J4538-01
 Misc : 12.21G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS1

Quant Time: Aug 22 05:43:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	523326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	842909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	794844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	354096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	307308	60.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.48%	
35) Dibromofluoromethane	7.89	113	296016	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
50) Toluene-d8	10.33	98	1037120	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.63	95	330136	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	

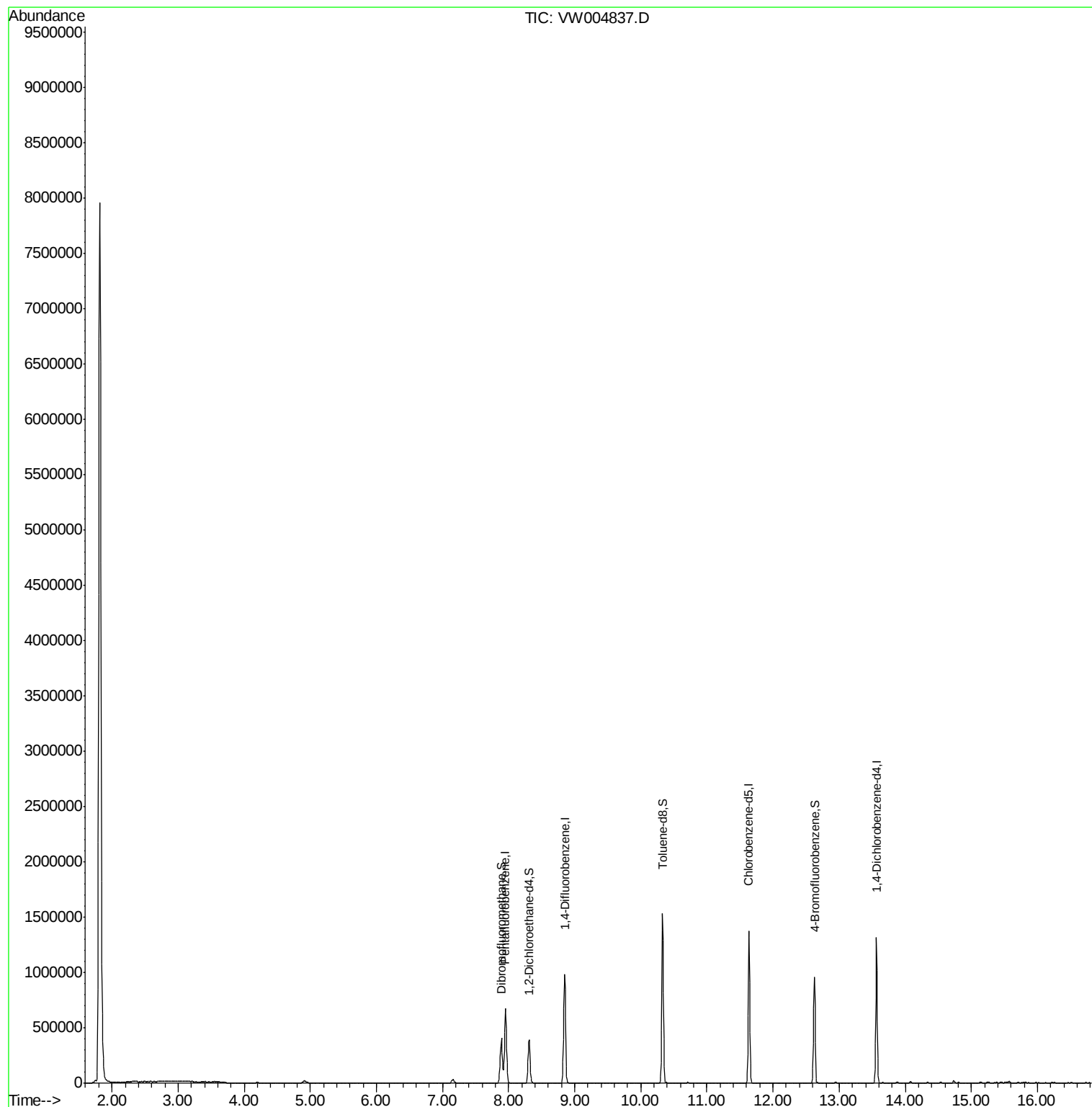
Target Compounds	Qvalue

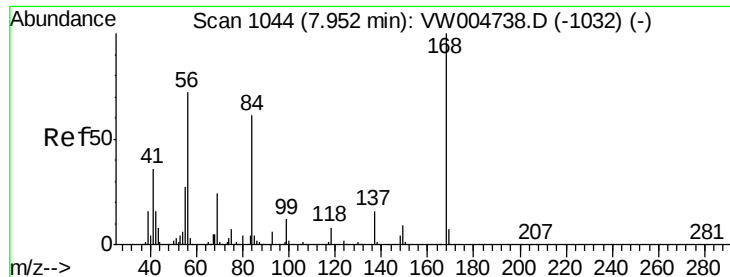
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004837.D

Acq: 21 Aug 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

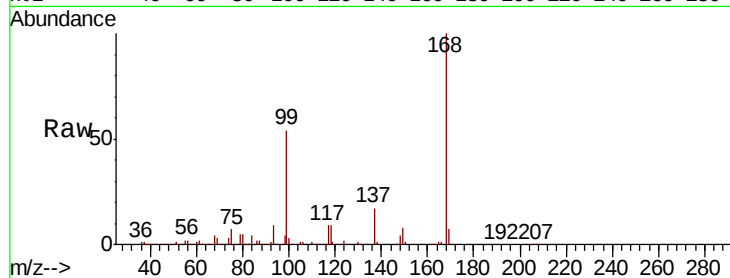
VSS1

Tot Ion:168 Resp: 523326

Ion Ratio Lower Upper

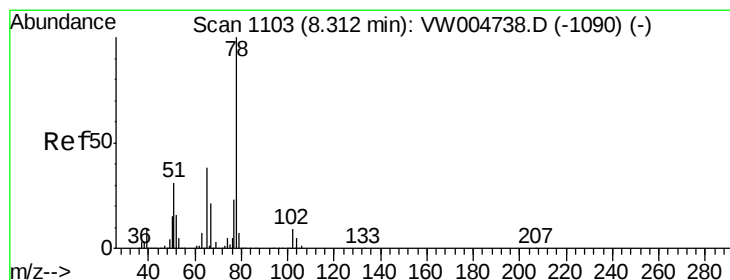
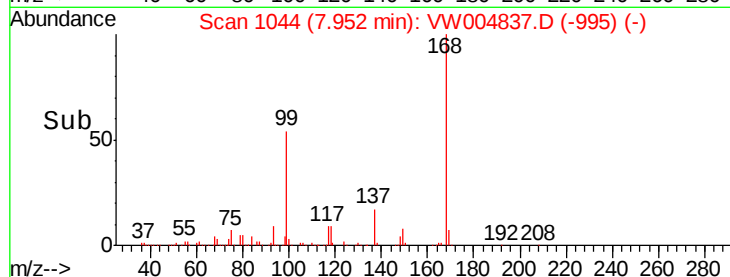
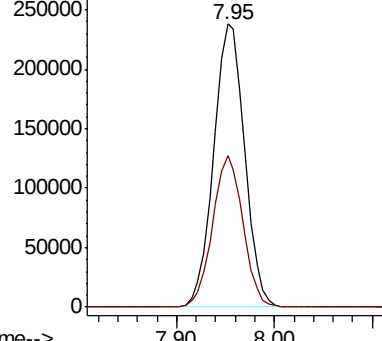
168 100

99 53.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 60.74 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004837.D

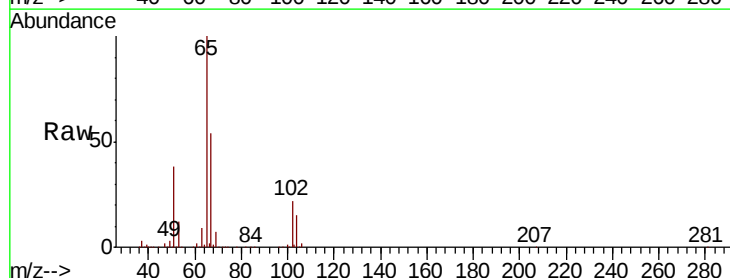
Acq: 21 Aug 2018 13:28

Tgt Ion: 65 Resp: 307308

Ion Ratio Lower Upper

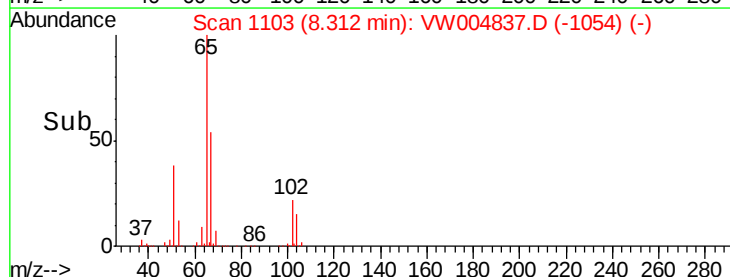
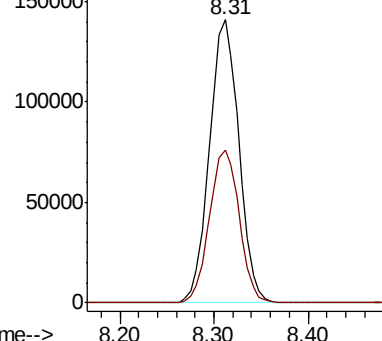
65 100

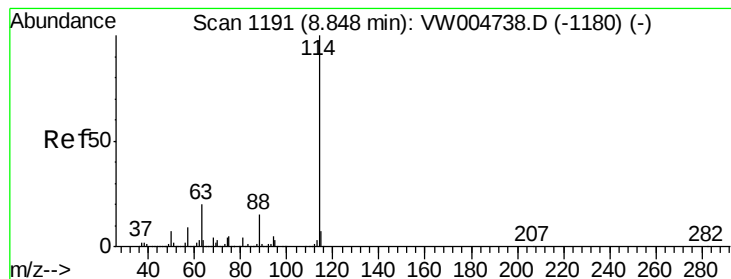
67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004837.D

Acq: 21 Aug 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSS1

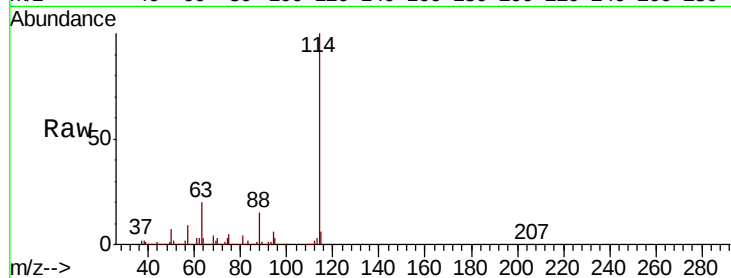
Tot Ion:114 Resp: 842909

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

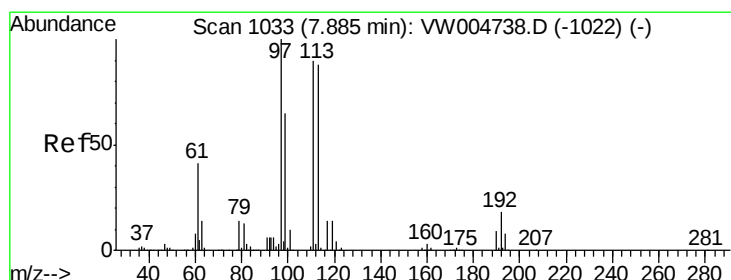
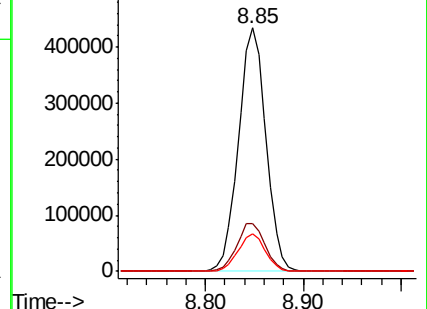
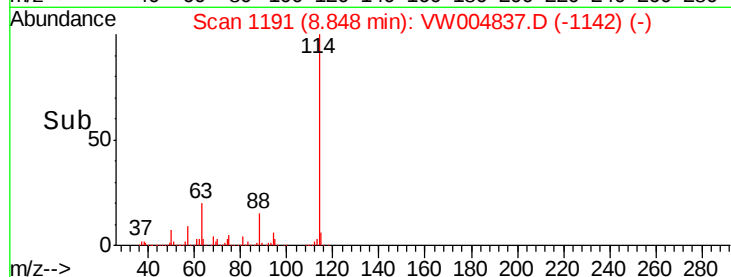
88 15.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.95 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004837.D

Acq: 21 Aug 2018 13:28

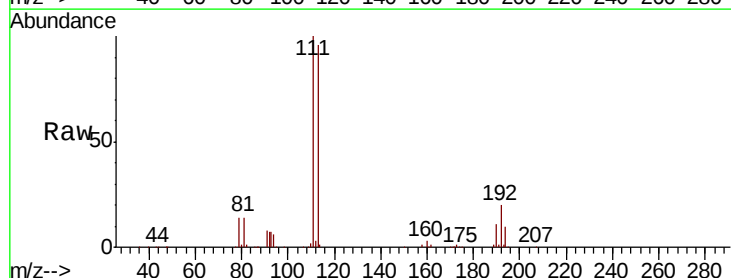
Tgt Ion:113 Resp: 296016

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

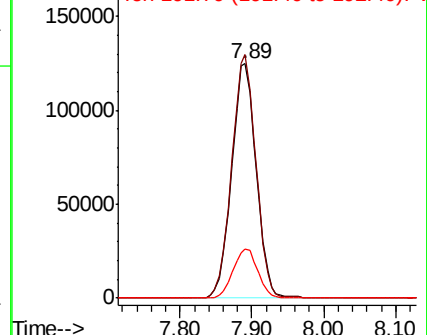
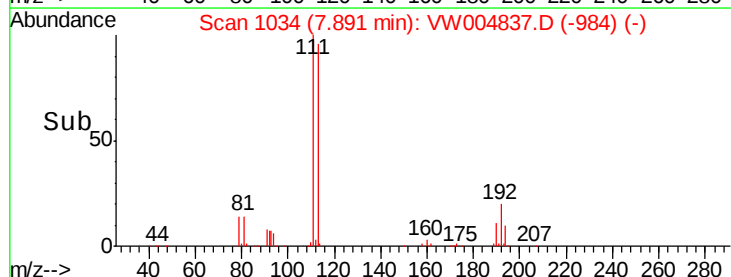
192 21.1 16.7 25.1

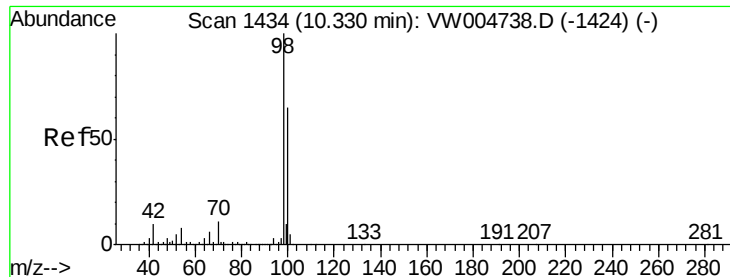


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004837.D

Acq: 21 Aug 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

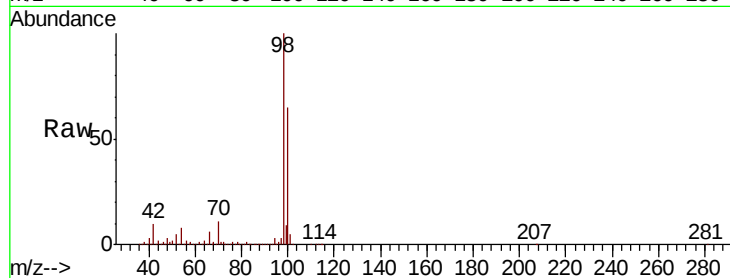
VSS1

Tot Ion: 98 Resp: 1037120

Ion Ratio Lower Upper

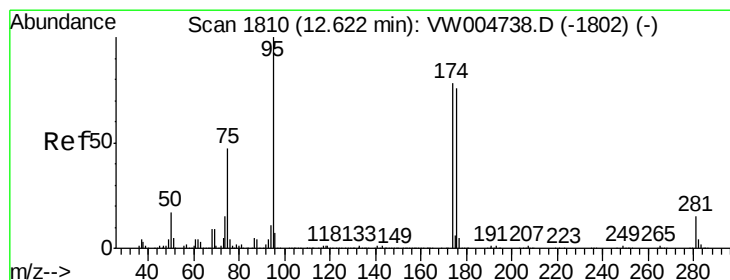
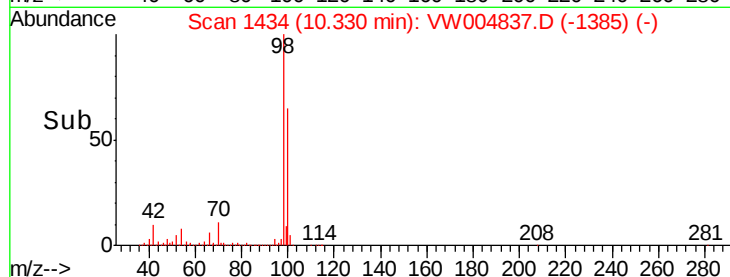
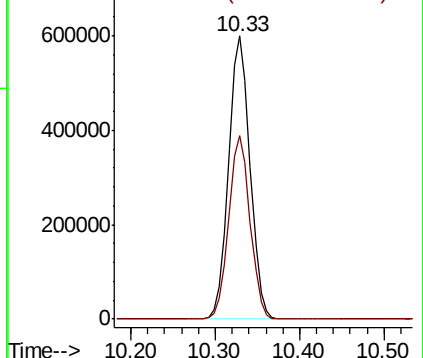
98 100

100 64.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.64 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004837.D

Acq: 21 Aug 2018 13:28

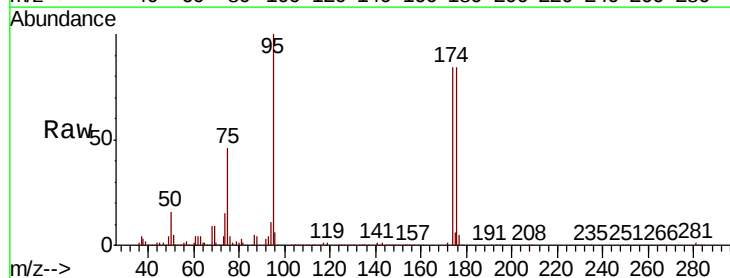
Tgt Ion: 95 Resp: 330136

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

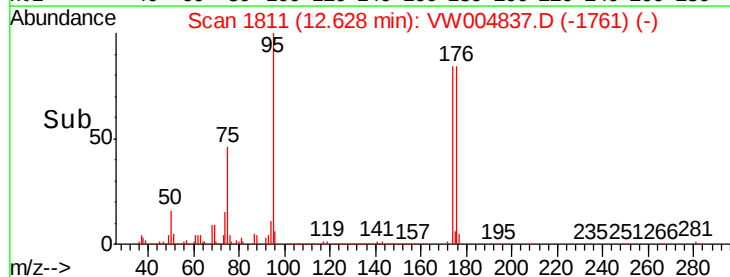
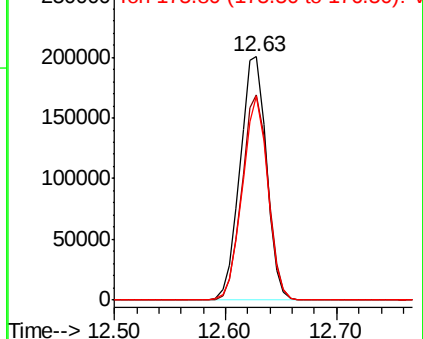
176 80.7 0.0 159.8

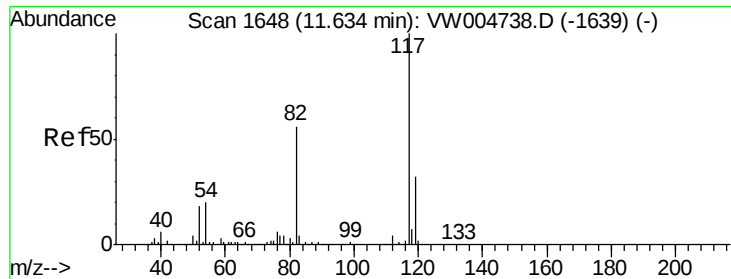


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

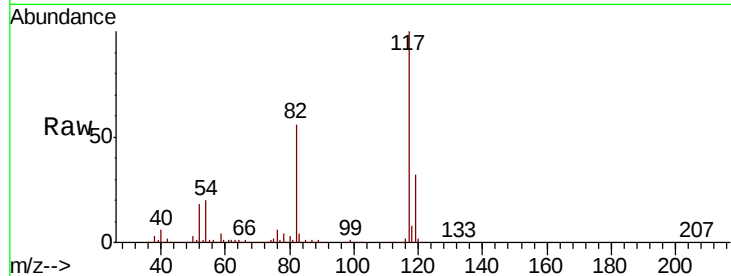




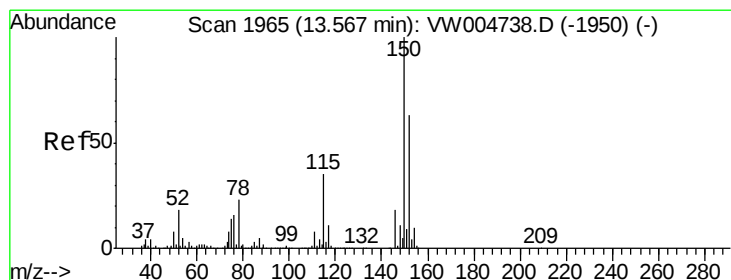
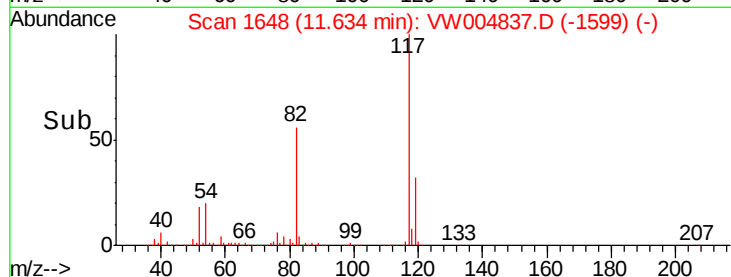
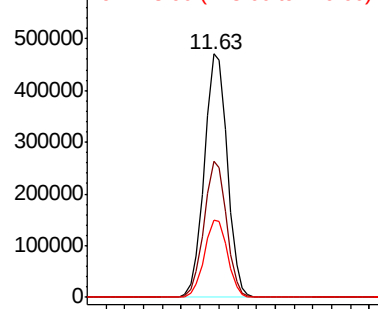
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004837.D
Acq: 21 Aug 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VSS1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	31.8	25.6	38.4

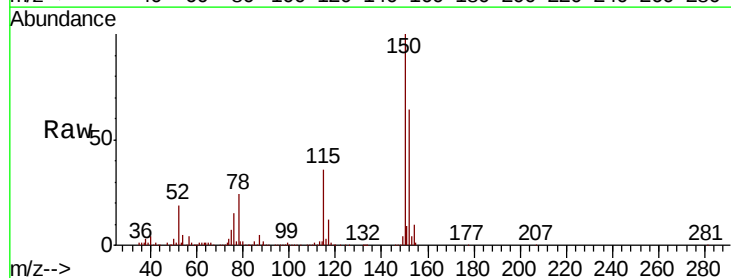


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004837.D
Acq: 21 Aug 2018 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.5	85.5
150	156.6	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

