

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005437.D
 Acq On : 17 Sep 2018 16:45
 Operator : SY/AP
 Sample : J4943-01
 Misc : 3.05G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200051

Quant Time: Sep 18 01:57:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

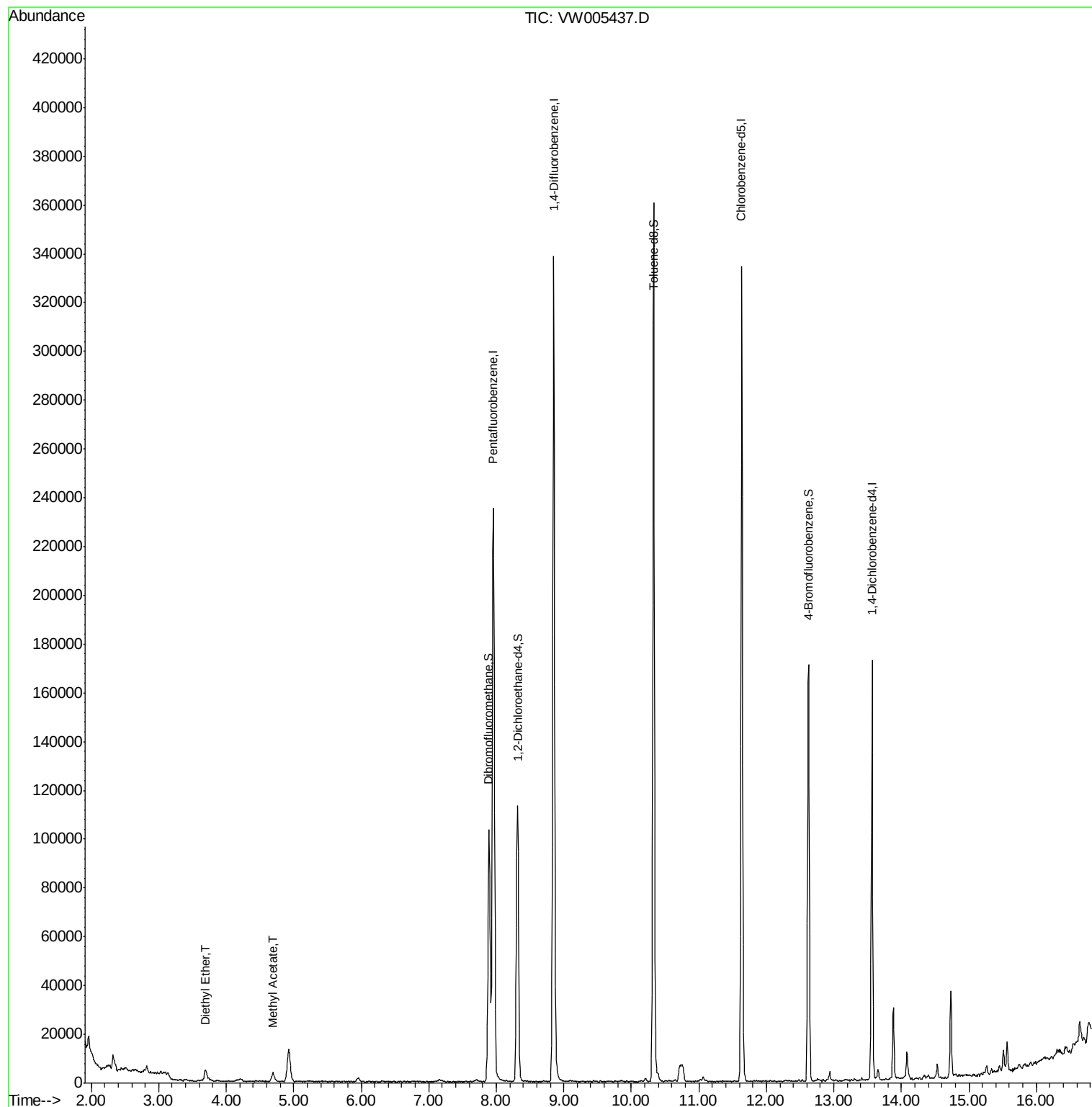
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	181019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	187298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	94702	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	7.89	113	73490	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	10.33	98	244654	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
62) 4-Bromofluorobenzene	12.62	95	53149	19.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.96%	
Target Compounds						
8) Diethyl Ether	3.68	74	2114	2.68	ug/l	51
18) Methyl Acetate	4.69	43	6709	7.43	ug/l	98

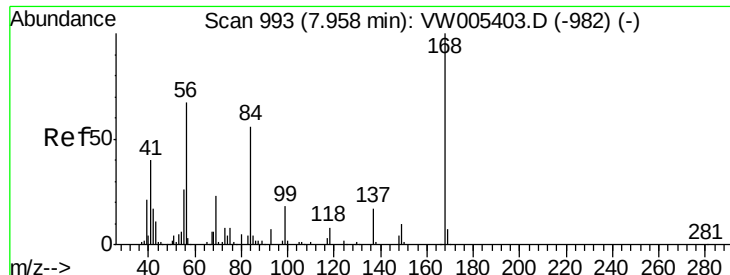
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005437.D

Acq: 17 Sep 2018 16:45

Instrument :

MSVOA_W

ClientSampleId :

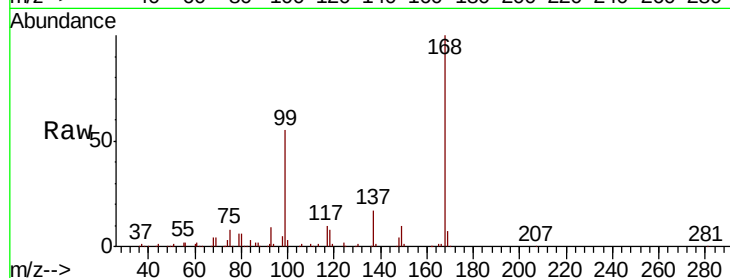
RBR200051

Tot Ion:168 Resp: 181019

Ion Ratio Lower Upper

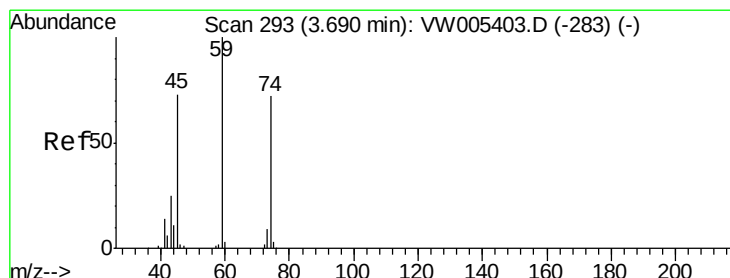
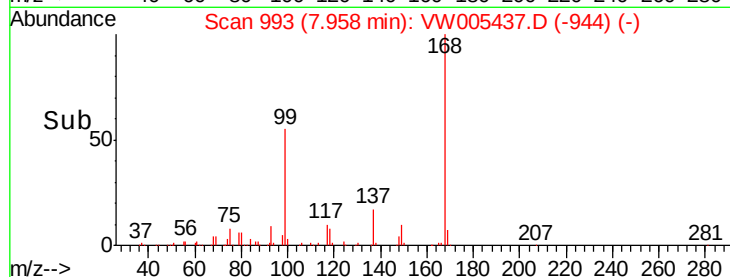
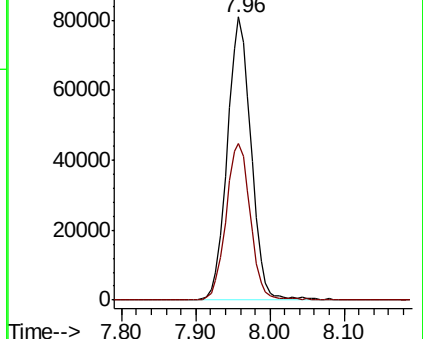
168 100

99 55.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.68 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005437.D

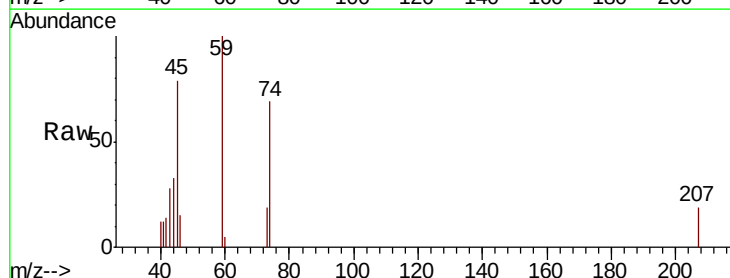
Acq: 17 Sep 2018 16:45

Tgt Ion: 74 Resp: 2114

Ion Ratio Lower Upper

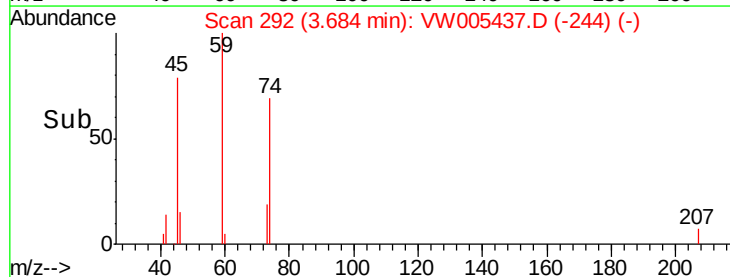
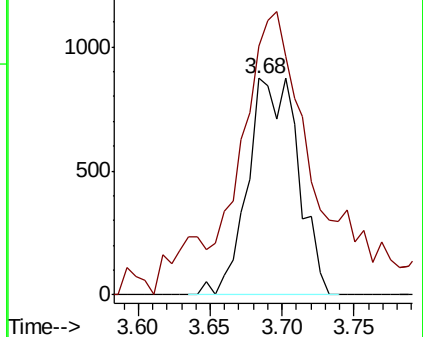
74 100

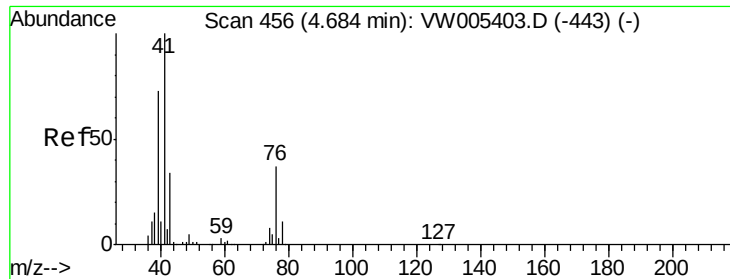
45 157.3 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

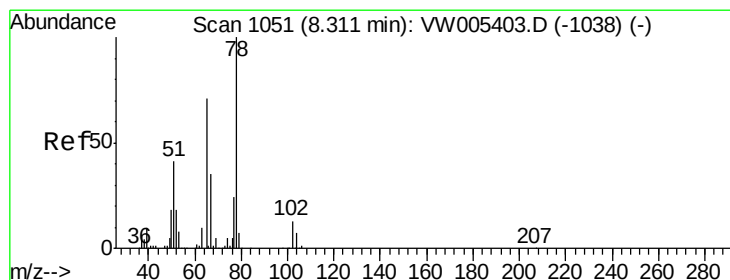
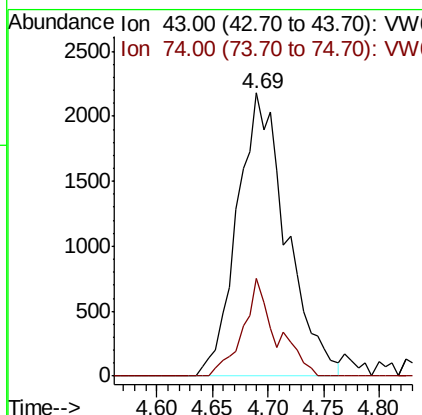
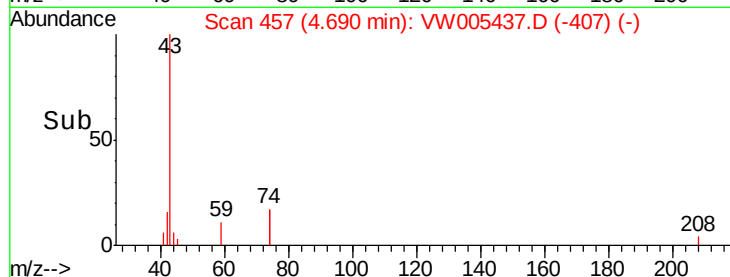
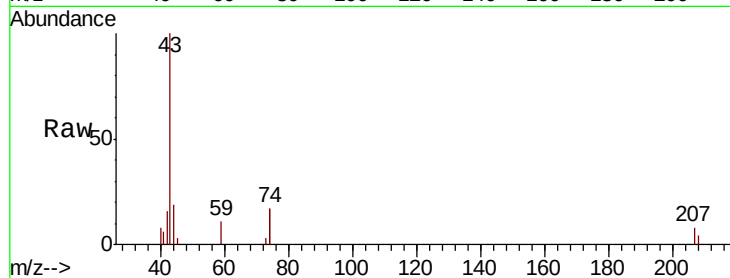




#18
Methyl Acetate
Concen: 7.43 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

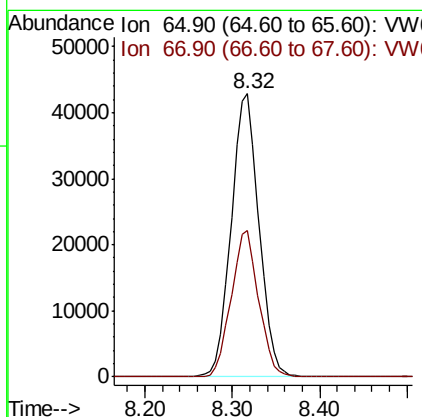
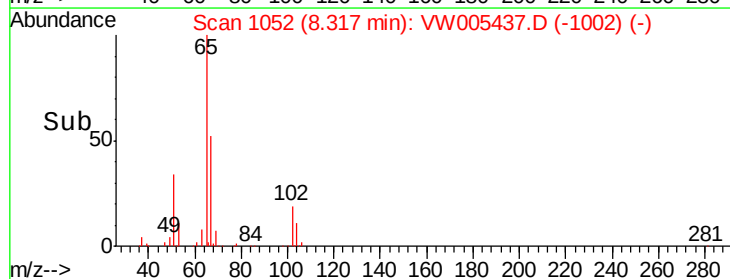
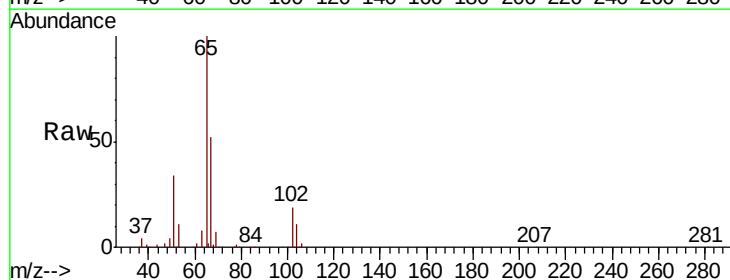
Instrument :
MSVOA_W
ClientSampleId :
RBR200051

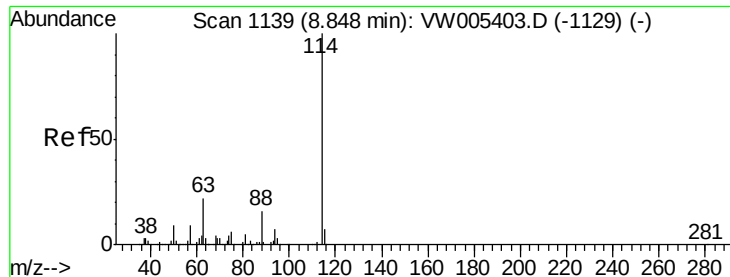
Tot Ion: 43 Resp: 6709
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 50.40 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 65 Resp: 94702
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.6

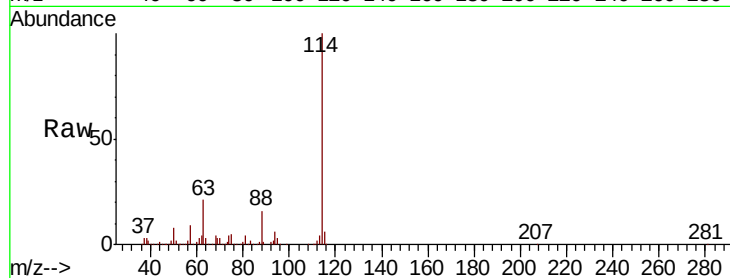




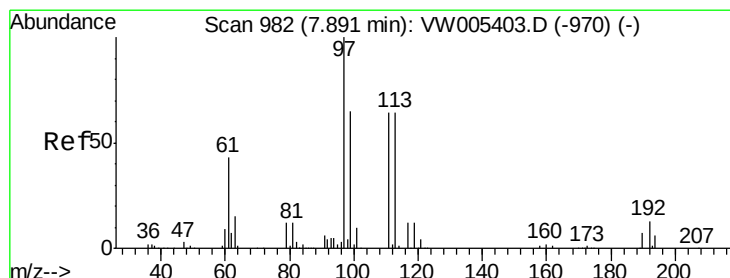
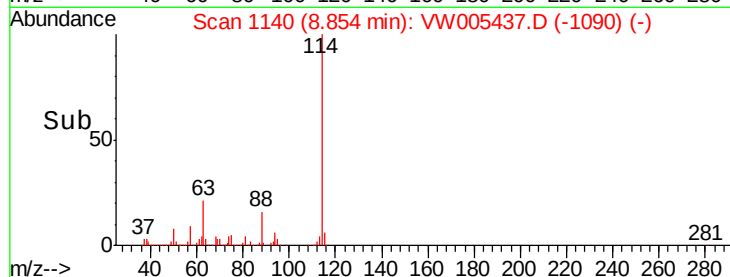
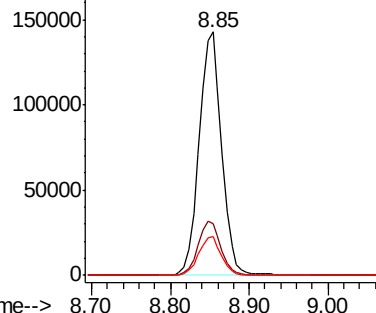
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005437.D
 Acq: 17 Sep 2018 16:45

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200051

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	15.7	0.0	31.8

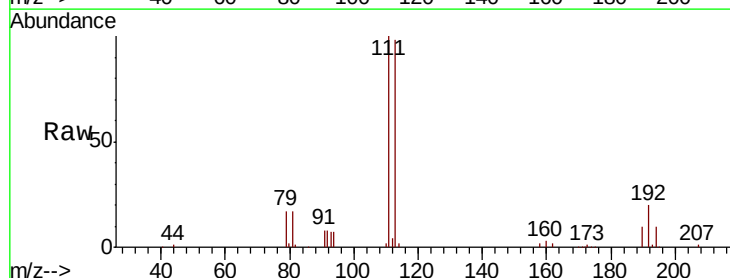


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

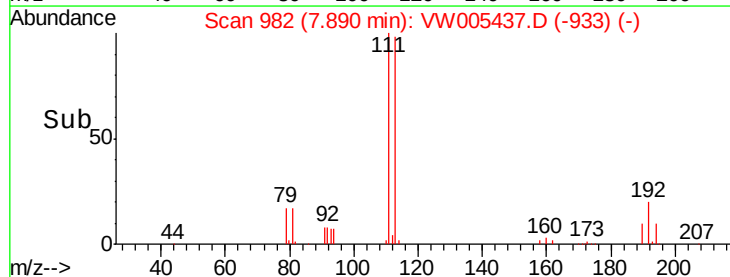
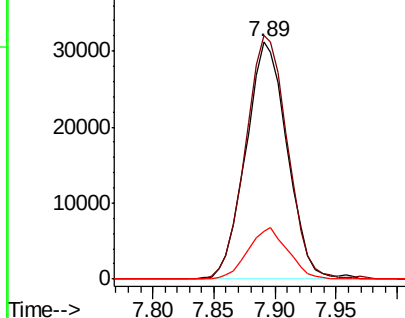


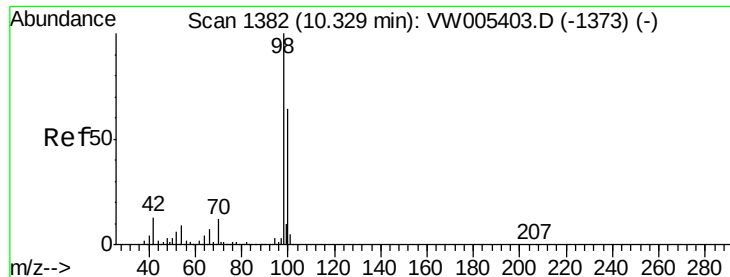
#35
 Dibromofluoromethane
 Concen: 46.40 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005437.D
 Acq: 17 Sep 2018 16:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.3	123.5
192	21.0	16.5	24.7



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: 33.73 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005437.D

Acq: 17 Sep 2018 16:45

Instrument :

MSVOA_W

ClientSampleId :

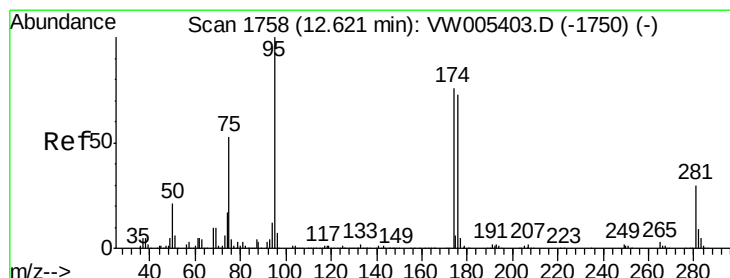
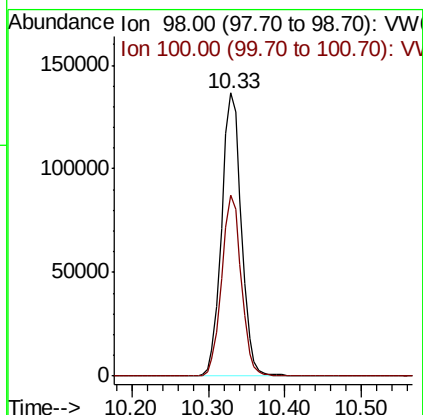
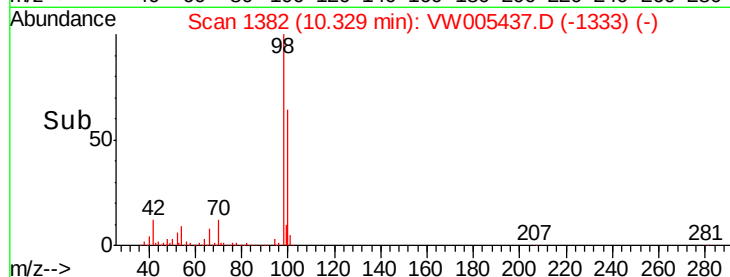
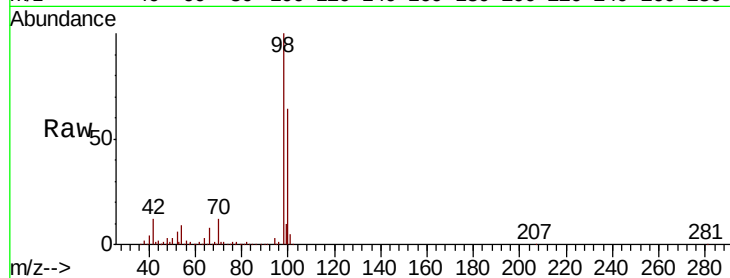
RBR200051

Tot Ion: 98 Resp: 244654

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 19.98 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005437.D

Acq: 17 Sep 2018 16:45

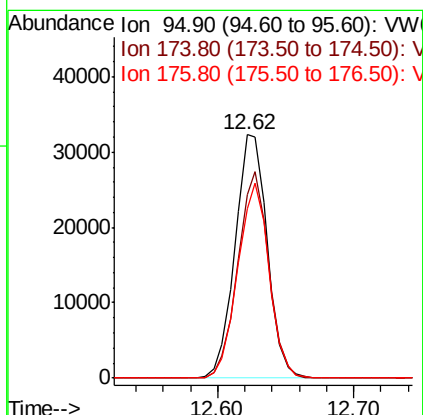
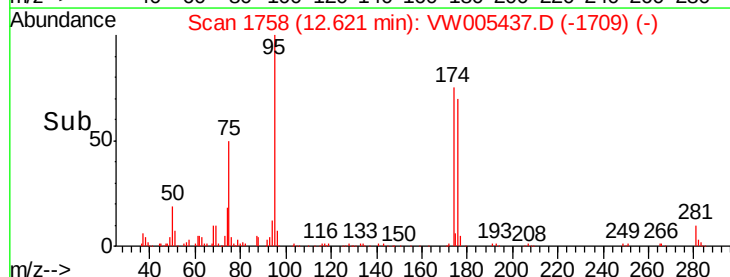
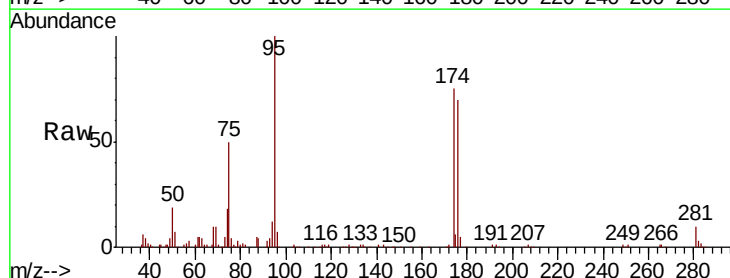
Tgt Ion: 95 Resp: 53149

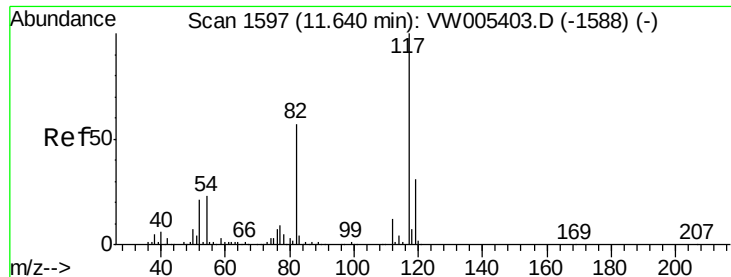
Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.2

176 78.2 0.0 156.6

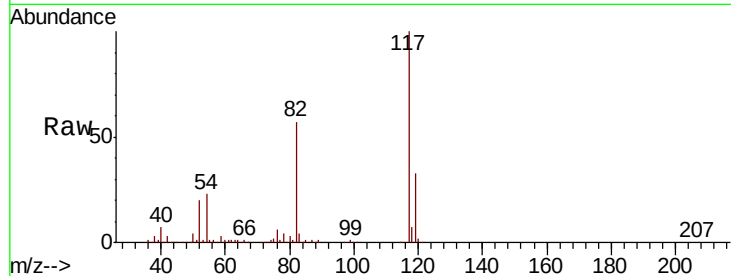




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument :
MSVOA_W
ClientSampleId :
RBR200051

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.9	68.9
119	32.6	24.8	37.2

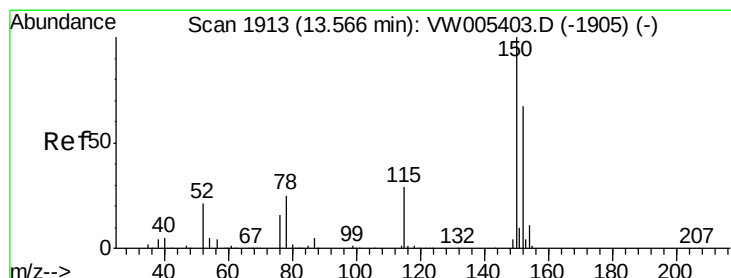
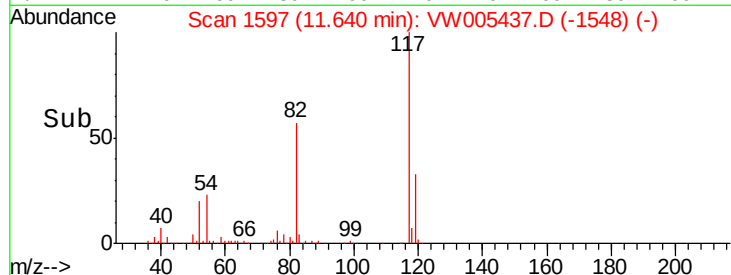
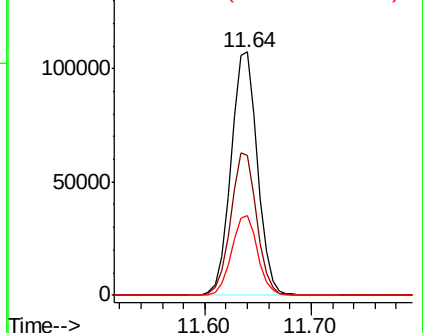


Abundance

Ion 116.90 (116.60 to 117.60): V

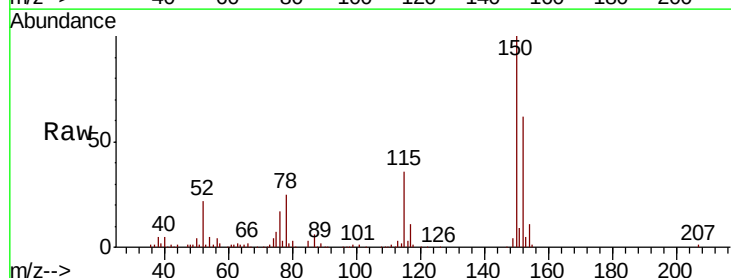
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.5	88.5
150	157.0	0.0	345.6



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

