

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071118\
 Data File : VW003892.D
 Acq On : 12 Jul 2018 03:53
 Operator : SY/AP
 Sample : J3927-01
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200031

Quant Time: Jul 13 09:06:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

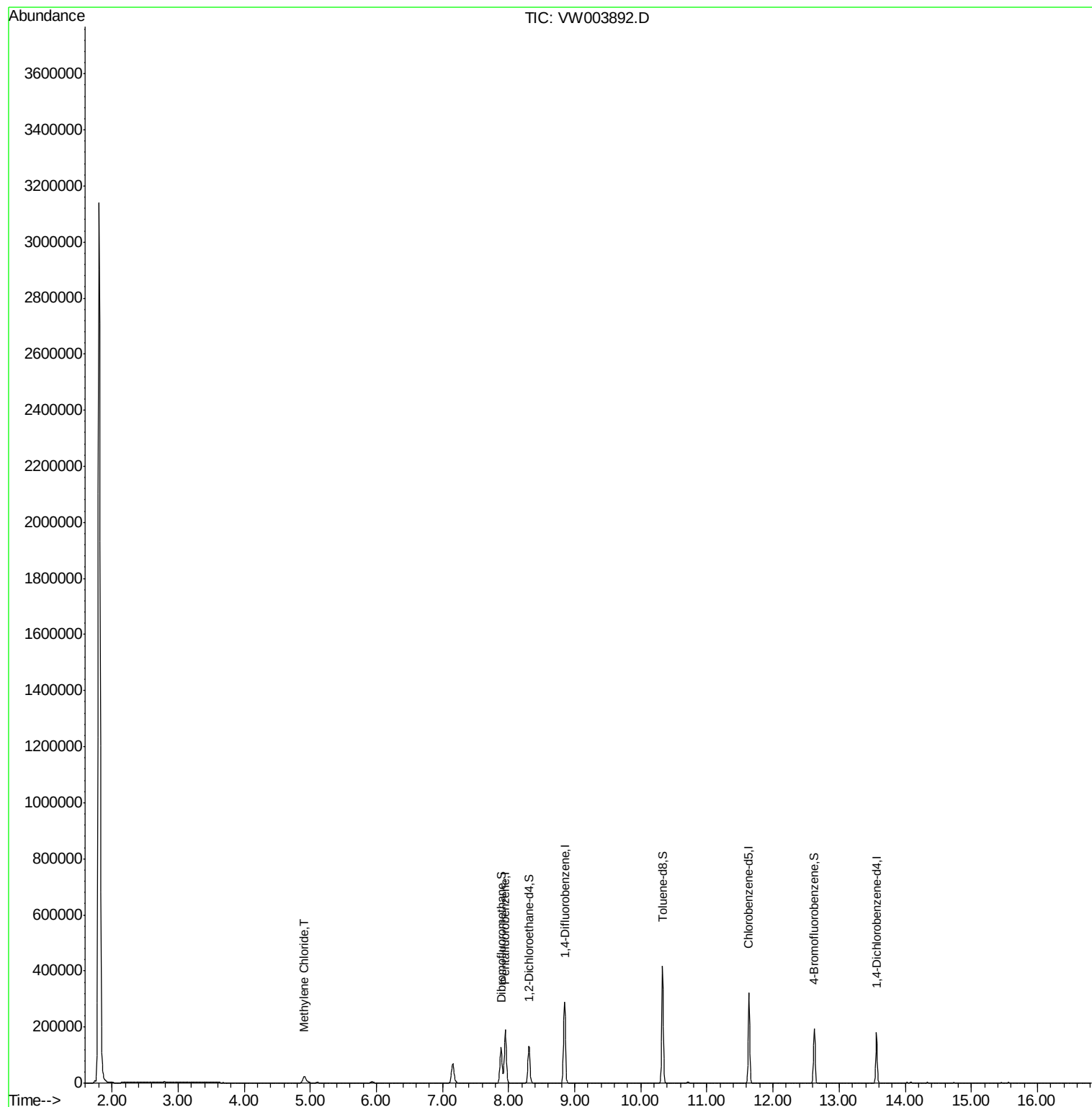
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	136904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	232586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106366	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.82%	
35) Dibromofluoromethane	7.88	113	88726	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.33	98	265654	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
62) 4-Bromofluorobenzene	12.62	95	59303	26.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.64%	
Target Compounds						
20) Methylene Chloride	4.91	84	18307	8.45	ug/l	Qvalue 98

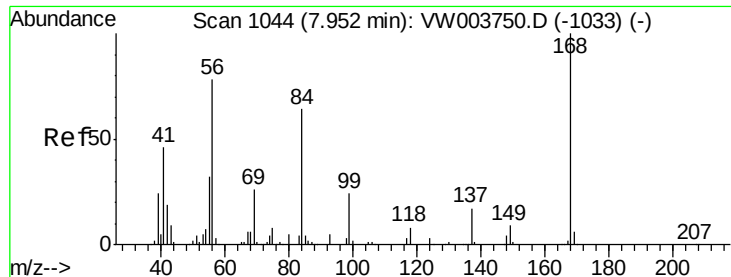
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003892.D

Acq: 12 Jul 2018 03:53

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MSVOA_W

ClientSampleId :

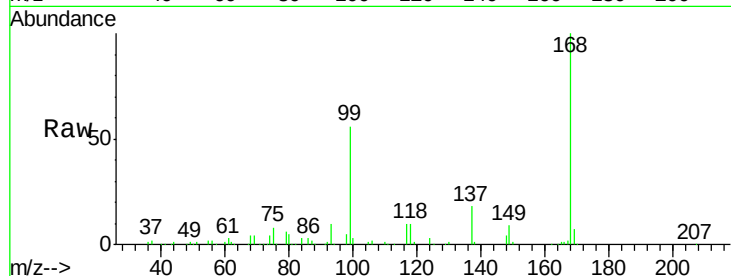
CS-RBR-200031

Tot Ion:168 Resp: 136904

Ion Ratio Lower Upper

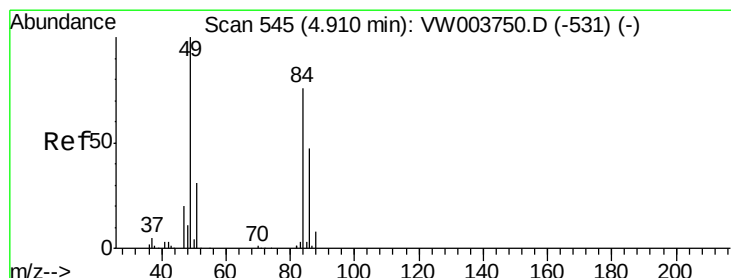
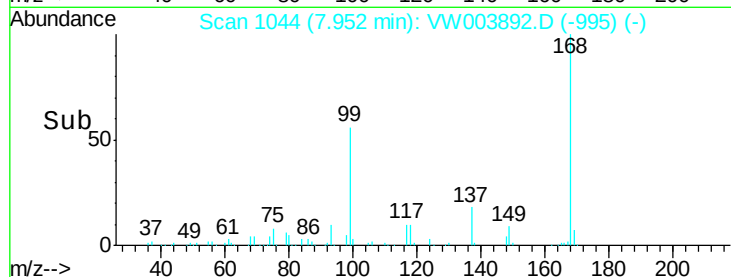
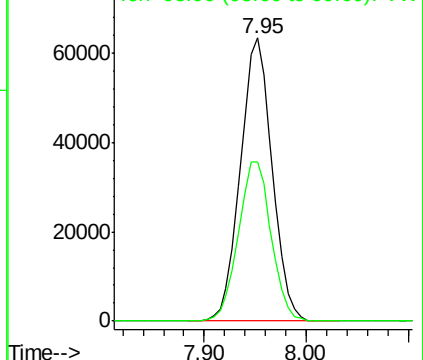
168 100

99 56.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.45 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003892.D

Acq: 12 Jul 2018 03:53

Tgt Ion: 84 Resp: 18307

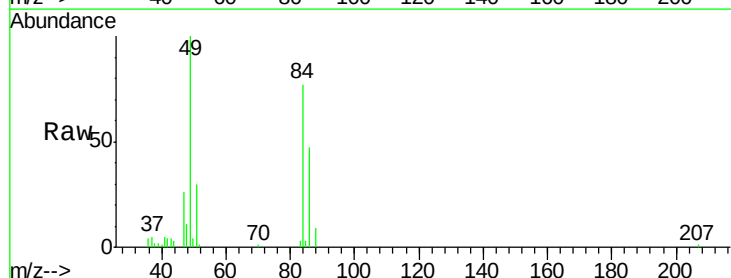
Ion Ratio Lower Upper

84 100

49 129.1 105.1 157.7

51 39.1 32.5 48.7

86 60.2 49.8 74.6

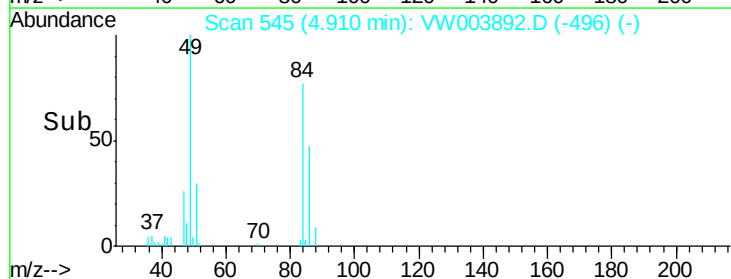
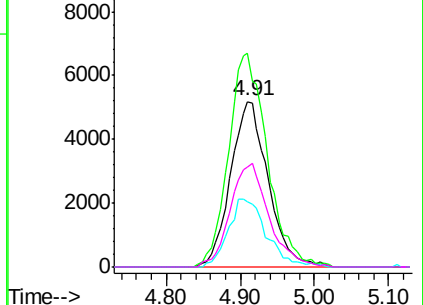


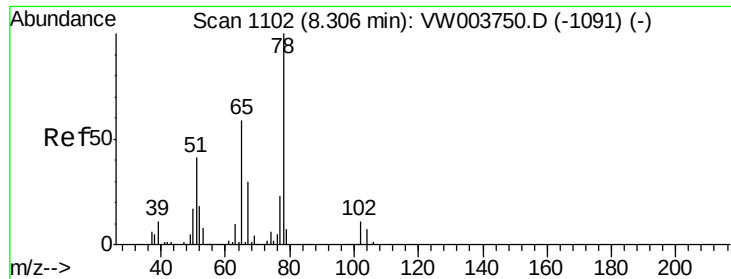
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

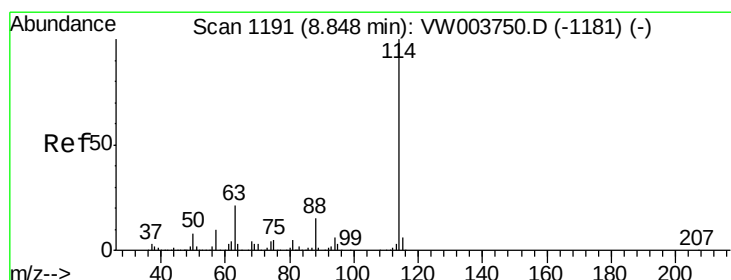
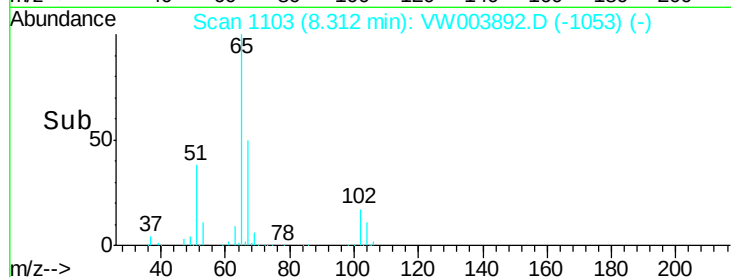
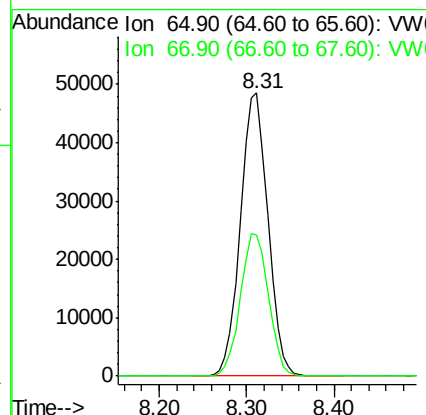
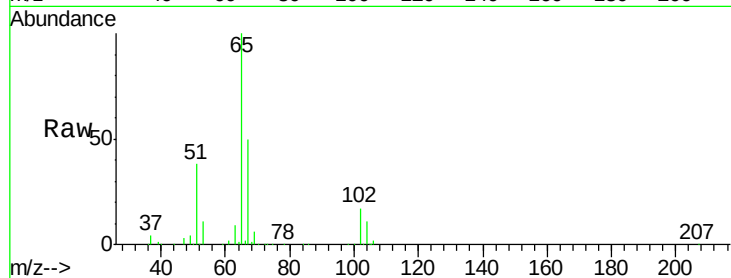




#33
 1,2-Dichloroethane-d4
 Concen: 59.41 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003892.D
 Acq: 12 Jul 2018 03:53

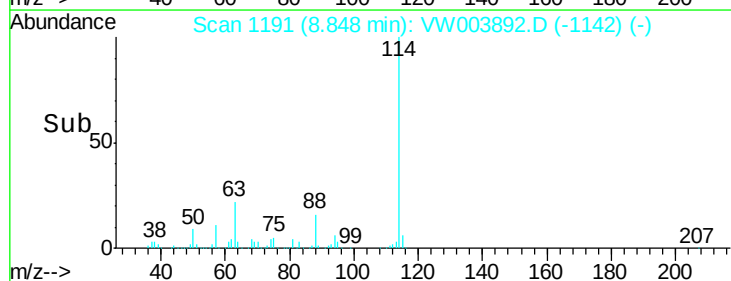
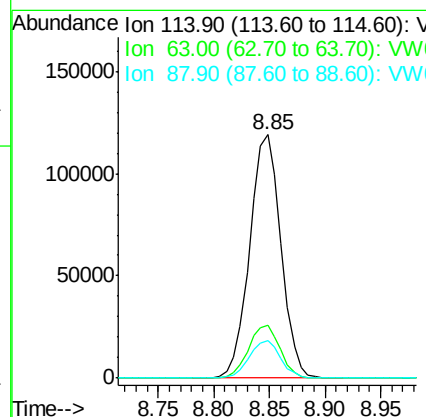
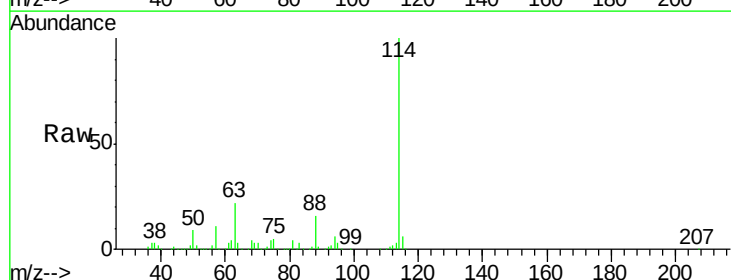
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200031

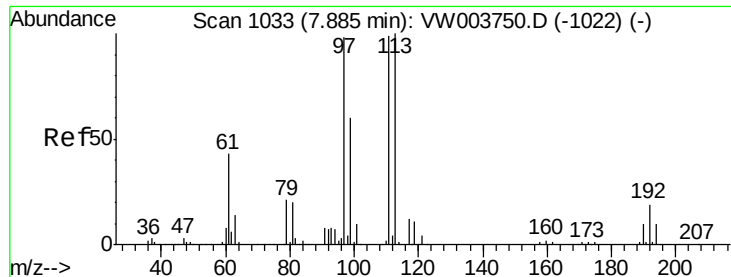
Tot Ion: 65 Resp: 106366
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003892.D
 Acq: 12 Jul 2018 03:53

Tgt Ion: 114 Resp: 232586
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.6 0.0 30.2

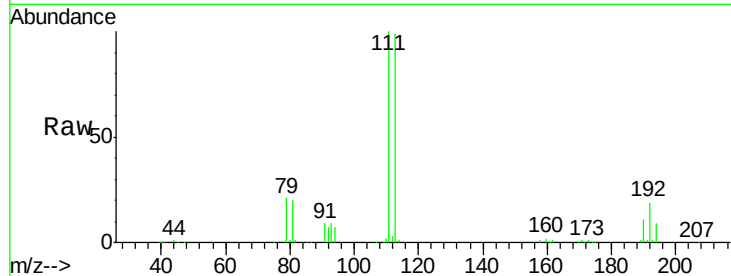




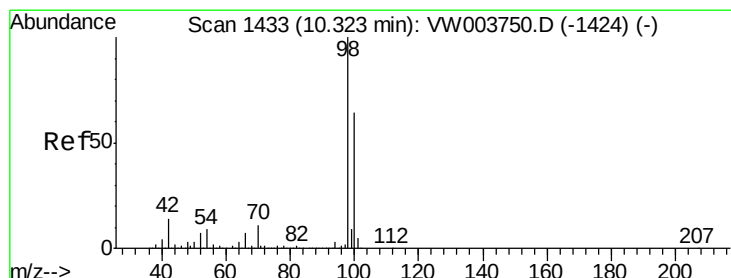
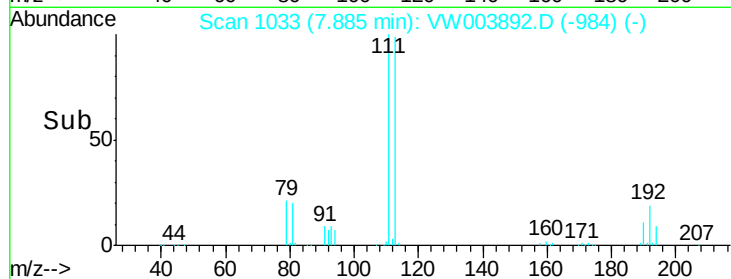
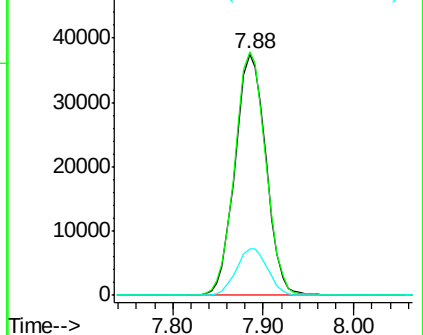
#35
 Dibromofluoromethane
 Concen: 54.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003892.D
 Acq: 12 Jul 2018 03:53

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200031

Tot Ion:113 Resp: 88726
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.7 122.5
 192 19.5 15.8 23.8

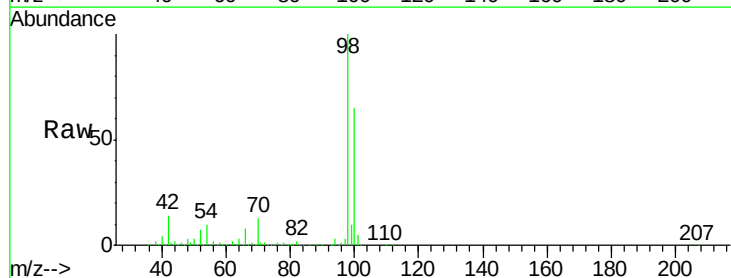


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

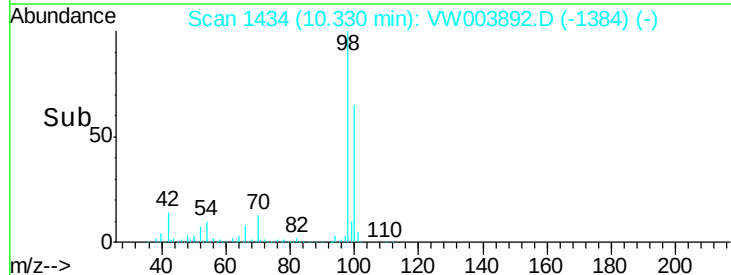
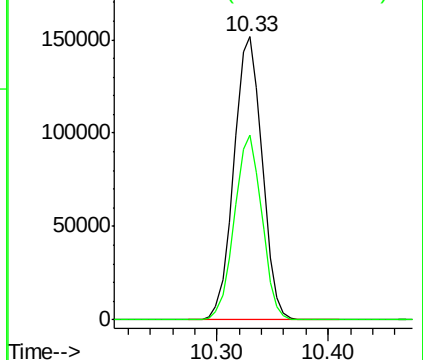


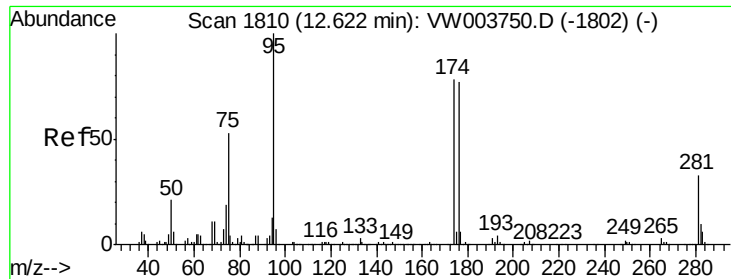
#50
 Toluene-d8
 Concen: 42.66 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003892.D
 Acq: 12 Jul 2018 03:53

Tgt Ion: 98 Resp: 265654
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 26.32 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003892.D

Acq: 12 Jul 2018 03:53

Instrument :

MSVOA_W

ClientSampleId :

CS-RBR-200031

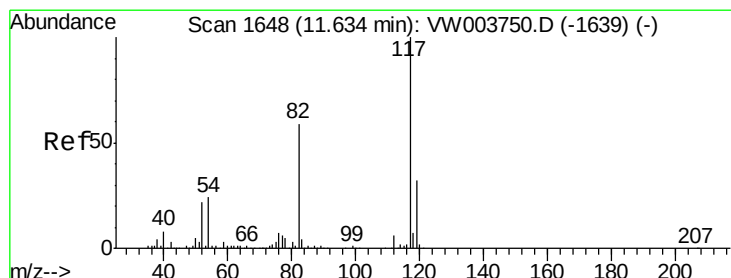
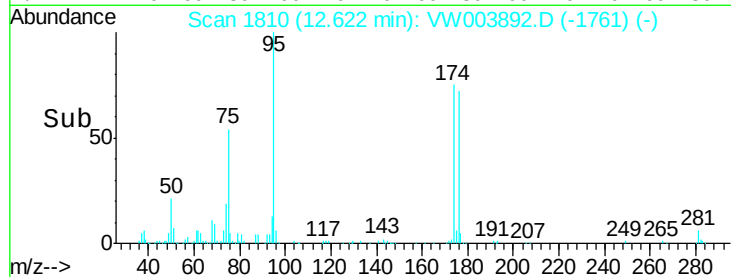
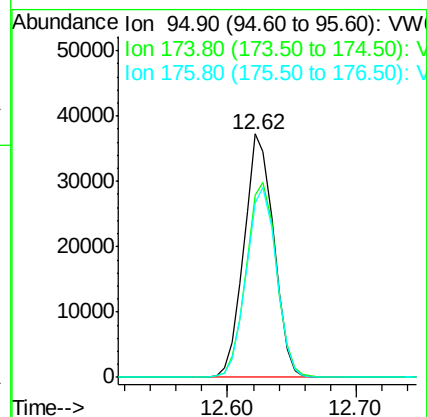
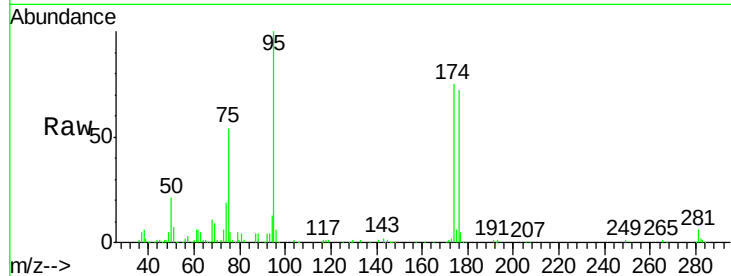
Tot Ion: 95 Resp: 59303

Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.4

176 79.1 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003892.D

Acq: 12 Jul 2018 03:53

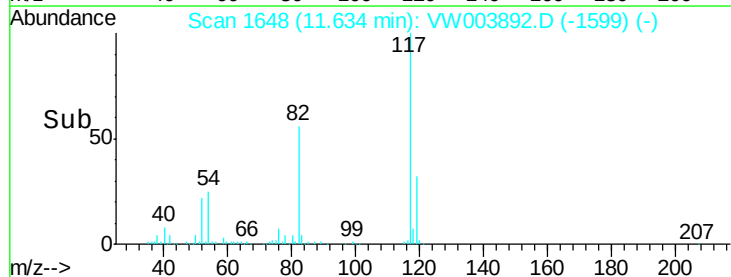
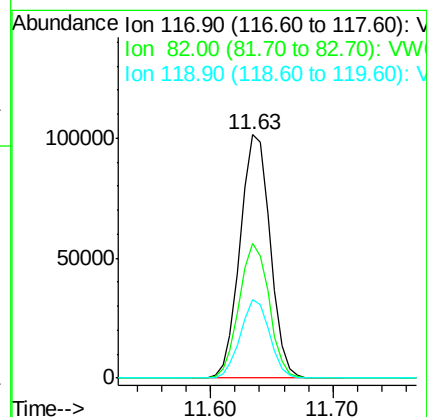
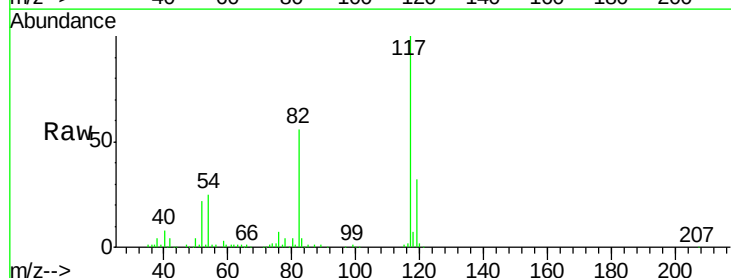
Tgt Ion: 117 Resp: 172600

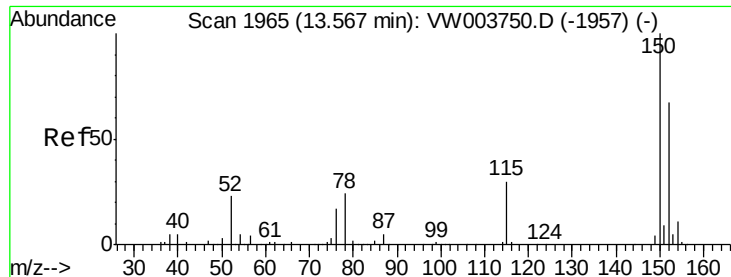
Ion Ratio Lower Upper

117 100

82 55.5 46.9 70.3

119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003892.D

Acq: 12 Jul 2018 03:53

Instrument :

MSVOA_W

ClientSampleId :

CS-RBR-200031

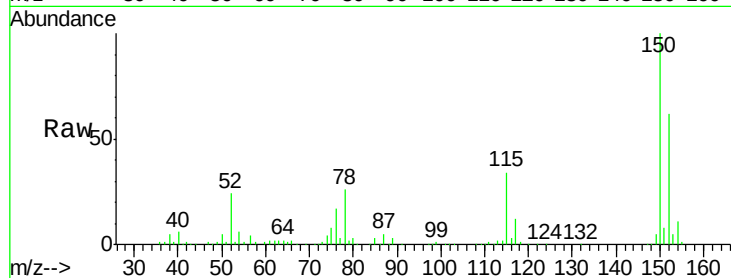
Tot Ion:152 Resp: 44702

Ion Ratio Lower Upper

152 100

115 58.5 28.9 86.8

150 160.0 0.0 342.4



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

