

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003998.D
 Acq On : 17 Jul 2018 20:57
 Operator : VA/AP
 Sample : J3826-03
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-071618

Quant Time: Jul 18 06:38:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	238323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	186944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115007	78.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.06%	
35) Dibromofluoromethane	7.88	113	94290	61.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.32%	
50) Toluene-d8	10.33	98	253189	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	
62) 4-Bromofluorobenzene	12.62	95	69368	32.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.84%	

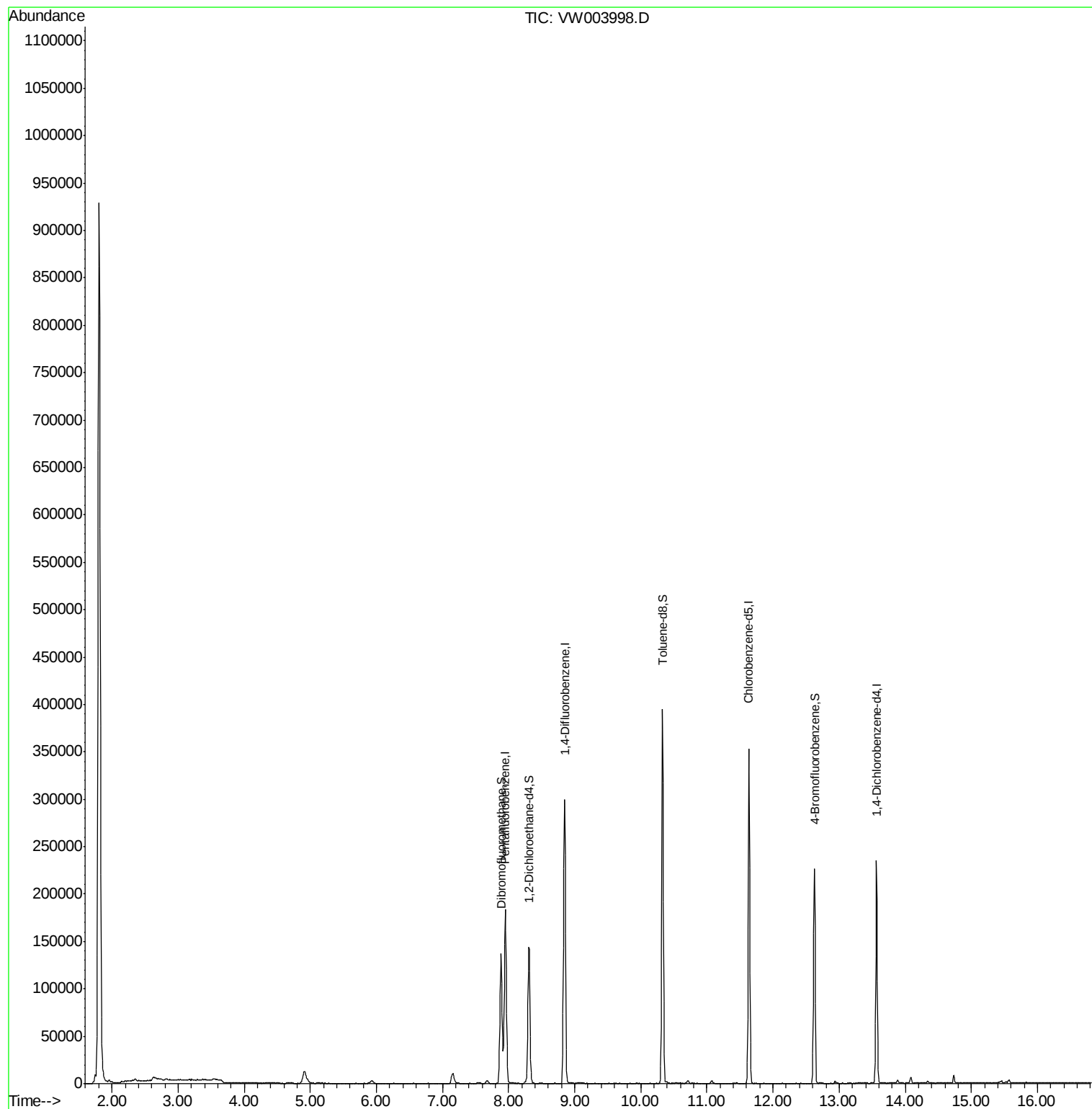
Target Compounds	Qvalue

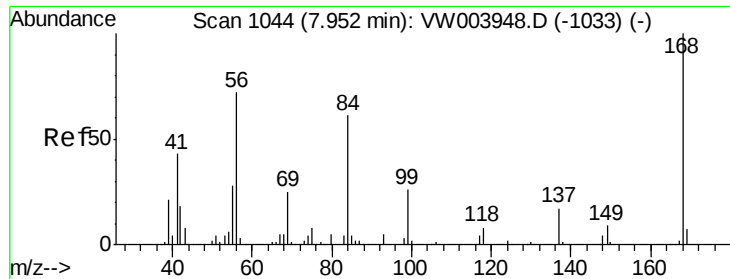
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003998.D

Acq: 17 Jul 2018 20:57

Instrument :

MSVOA_W

ClientSampleId :

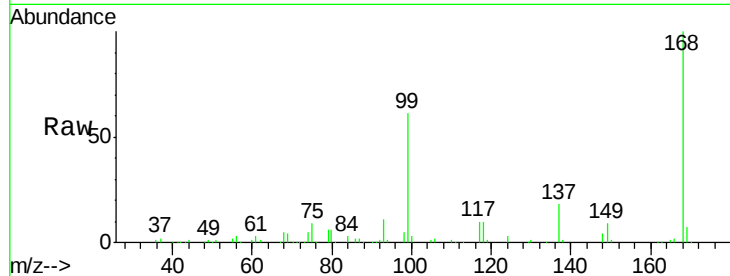
OK-01-071618

Tot Ion:168 Resp: 131852

Ion Ratio Lower Upper

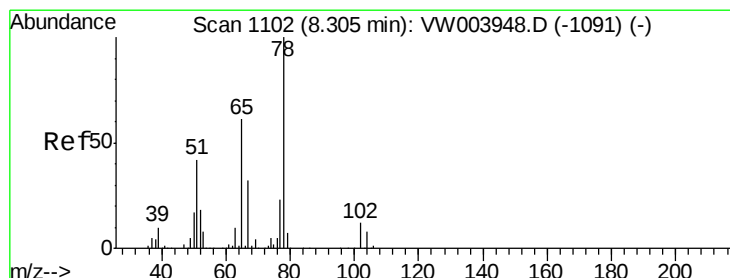
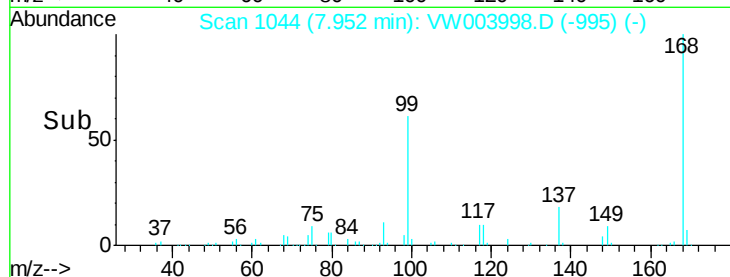
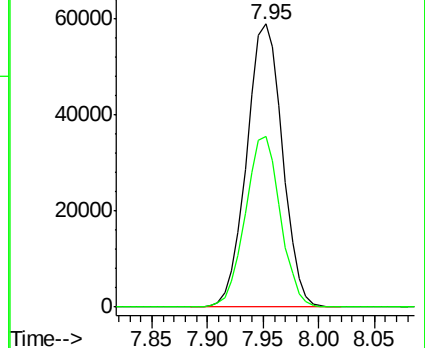
168 100

99 60.5 43.8 65.6



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: 78.03 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003998.D

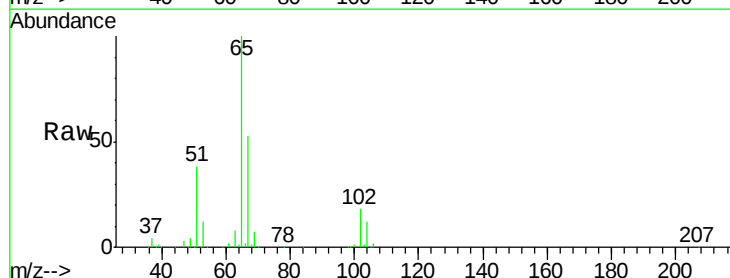
Acq: 17 Jul 2018 20:57

Tgt Ion: 65 Resp: 115007

Ion Ratio Lower Upper

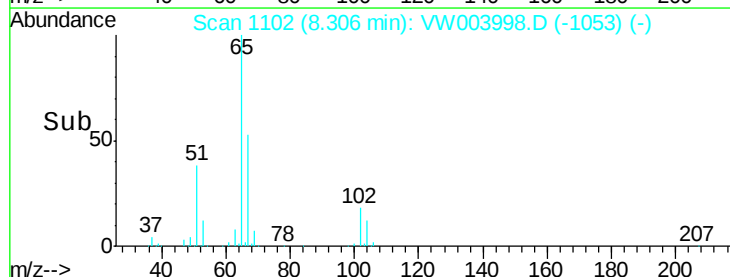
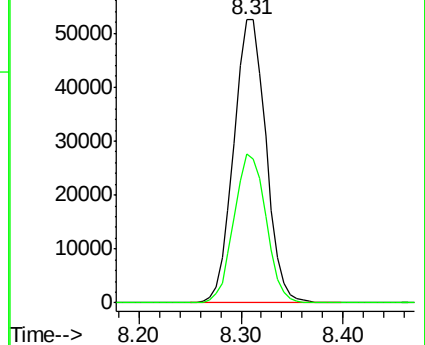
65 100

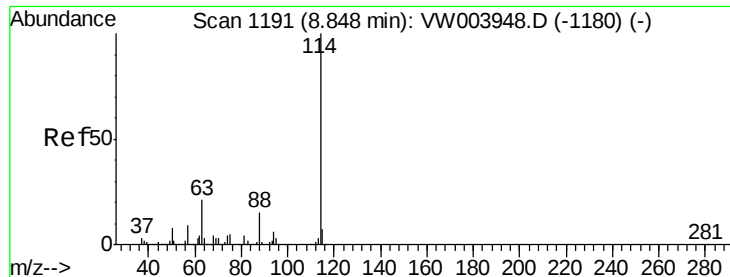
67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

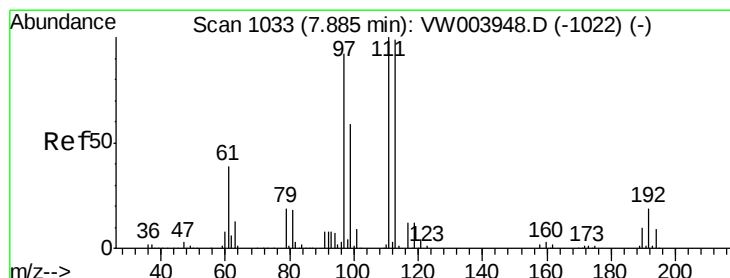
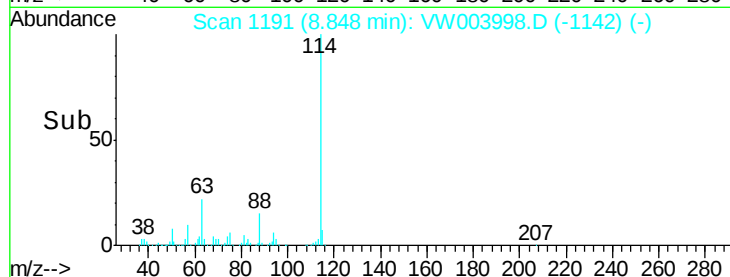
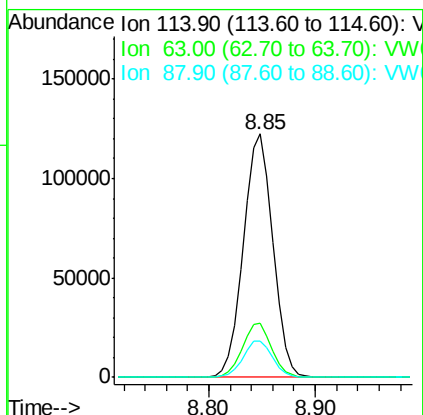
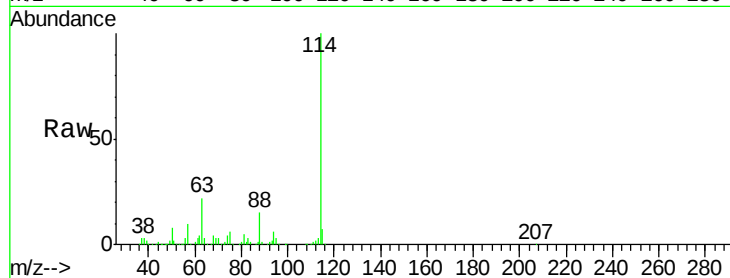




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003998.D
 Acq: 17 Jul 2018 20:57

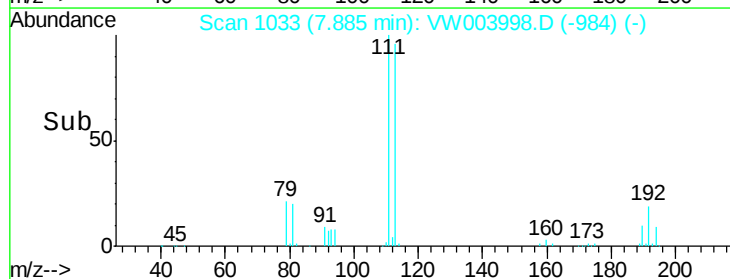
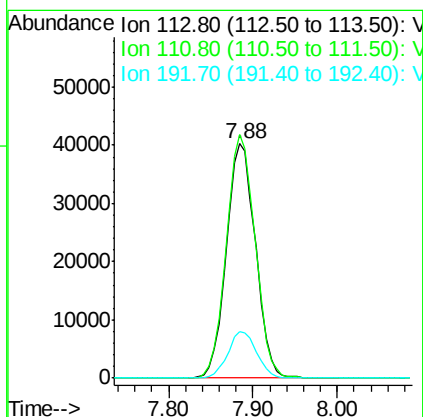
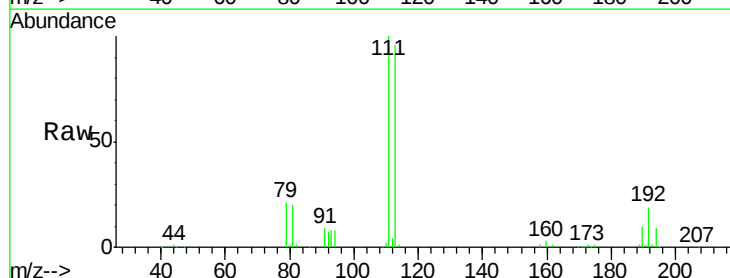
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-071618

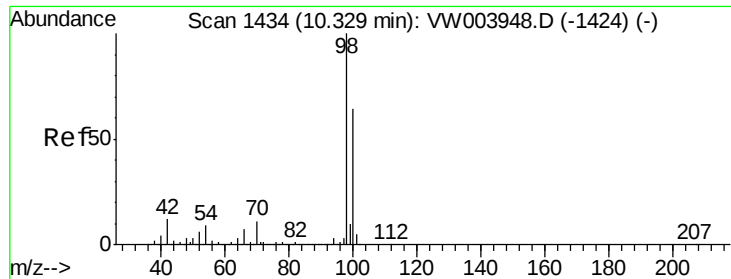
Tot Ion:114 Resp: 238323
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.8
 88 15.0 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 61.66 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003998.D
 Acq: 17 Jul 2018 20:57

Tgt Ion:113 Resp: 94290
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.3 121.9
 192 19.5 15.8 23.6





#50

Toluene-d8

Concen: 42.67 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003998.D

Acq: 17 Jul 2018 20:57

Instrument :

MSVOA_W

ClientSampleId :

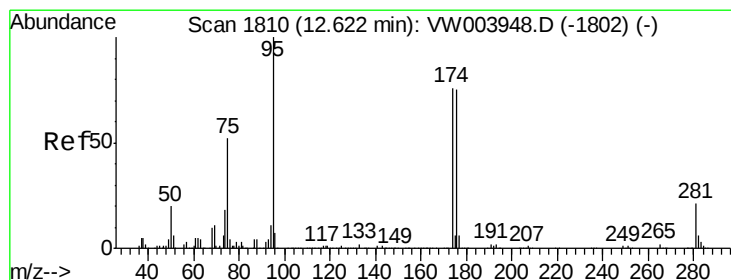
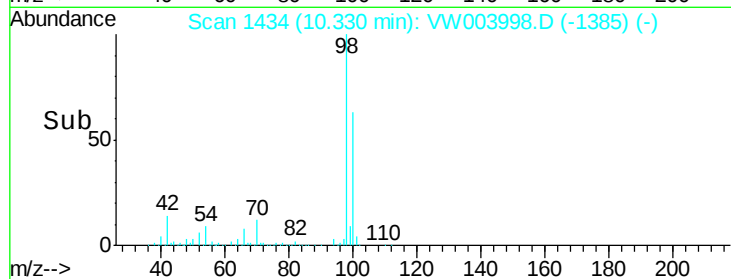
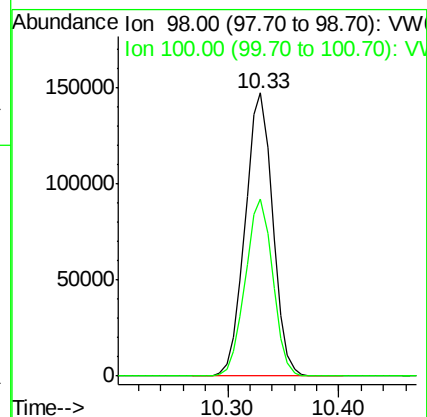
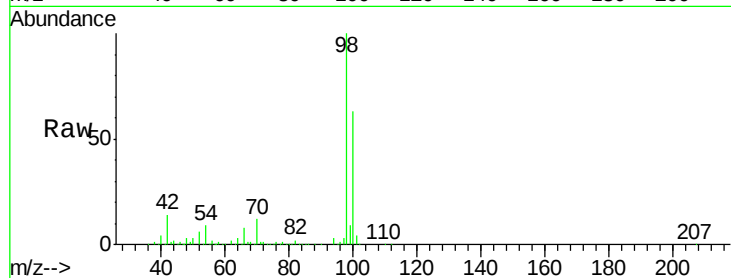
OK-01-071618

Tot Ion: 98 Resp: 253189

Ion Ratio Lower Upper

98 100

100 62.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 32.42 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003998.D

Acq: 17 Jul 2018 20:57

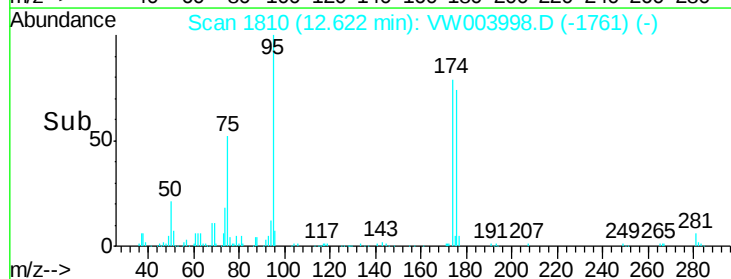
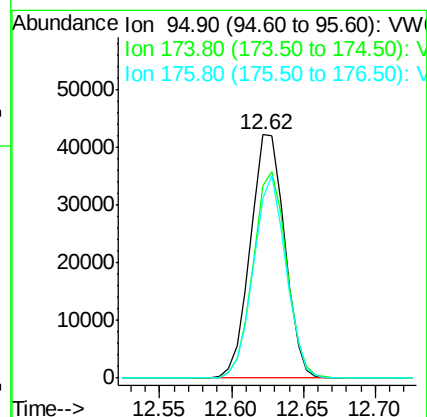
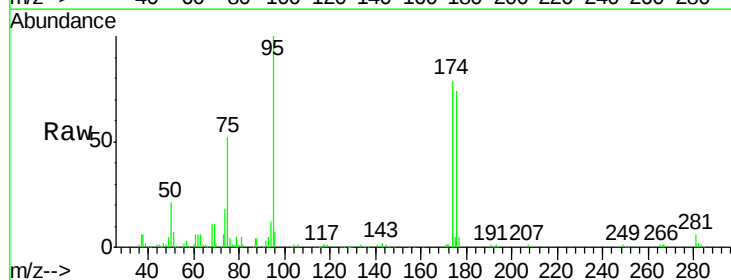
Tgt Ion: 95 Resp: 69368

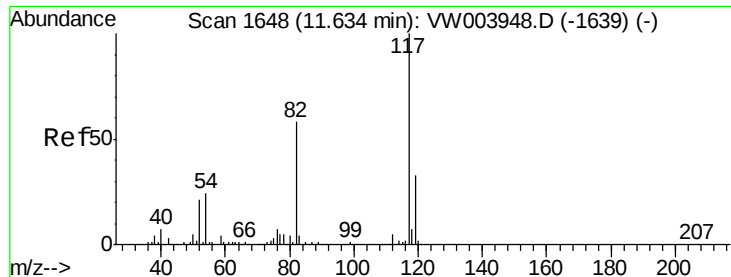
Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.2

176 78.7 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003998.D

Acq: 17 Jul 2018 20:57

Instrument :

MSVOA_W

ClientSampled :

OK-01-071618

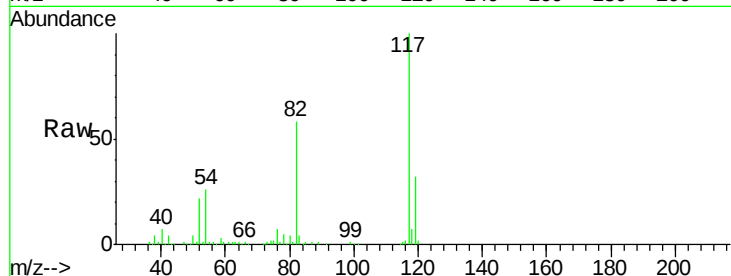
Tot Ion:117 Resp: 186944

Ion Ratio Lower Upper

117 100

82 58.2 46.5 69.7

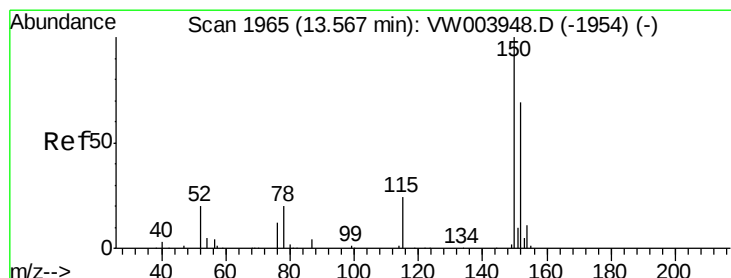
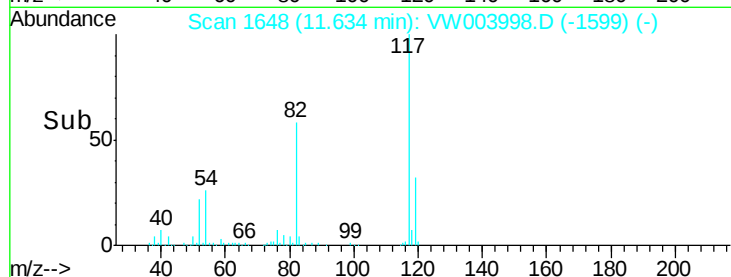
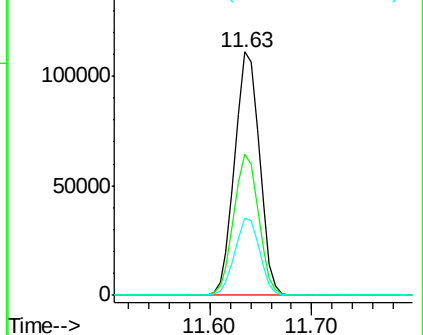
119 31.8 26.2 39.2



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# 1965

Delta R.T. 0.00 min

Lab File: VW003998.D

Acq: 17 Jul 2018 20:57

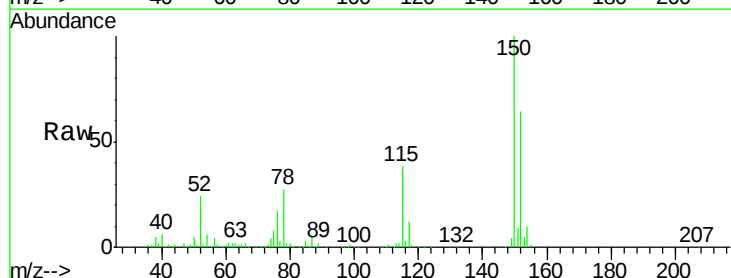
Tgt Ion:152 Resp: 58096

Ion Ratio Lower Upper

152 100

115 58.5 29.2 87.6

150 156.9 0.0 345.2



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

