

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005446.D
 Acq On : 17 Sep 2018 20:33
 Operator : SY/AP
 Sample : J4941-04
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47198RT

Quant Time: Sep 18 02:14:48 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

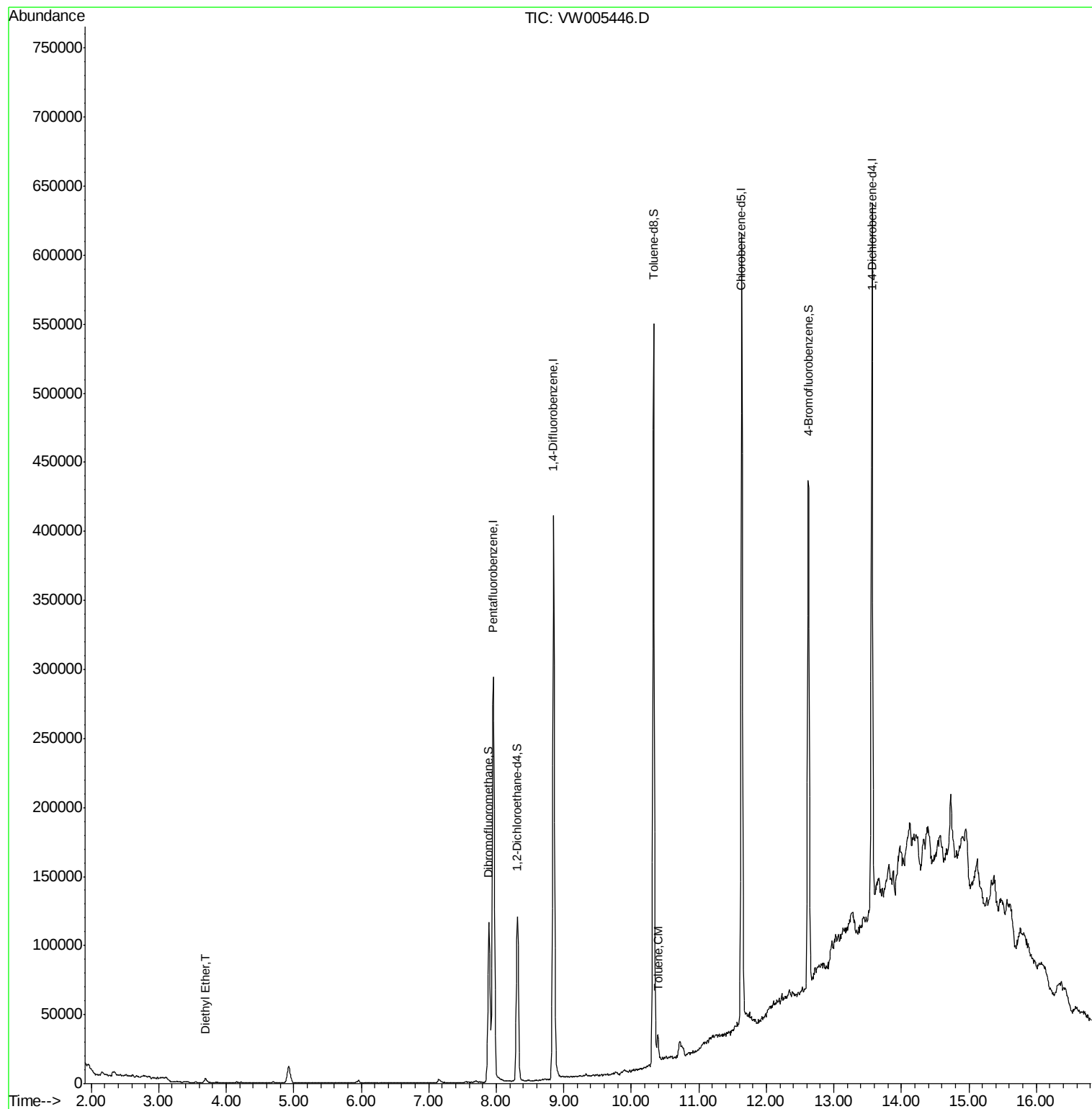
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	219467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	340059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	101145	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
35) Dibromofluoromethane	7.89	113	82703	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
50) Toluene-d8	10.33	98	355955	40.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.54%	
62) 4-Bromofluorobenzene	12.63	95	123149	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.92%	
Target Compounds						
8) Diethyl Ether	3.69	74	1307	1.37	ug/l	84
52) Toluene	10.39	92	6832	1.08	ug/l	99

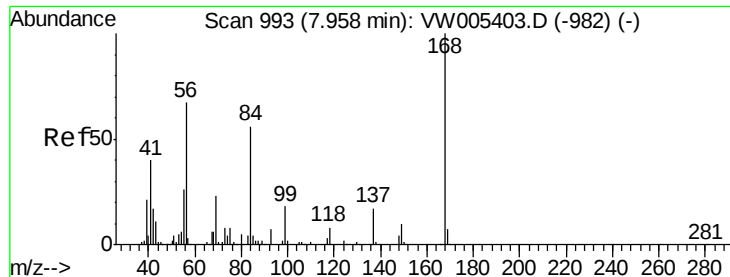
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005446.D

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ClientSampleId :

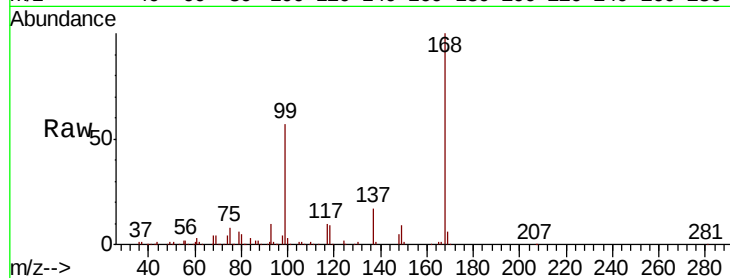
RB47198RT

Tot Ion:168 Resp: 219467

Ion Ratio Lower Upper

168 100

99 57.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

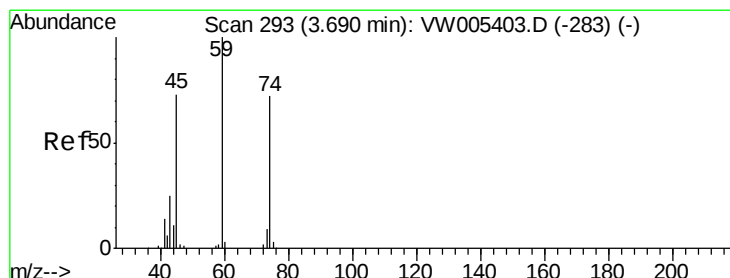
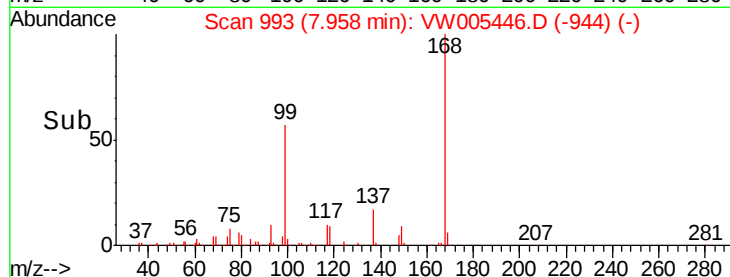
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.37 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005446.D

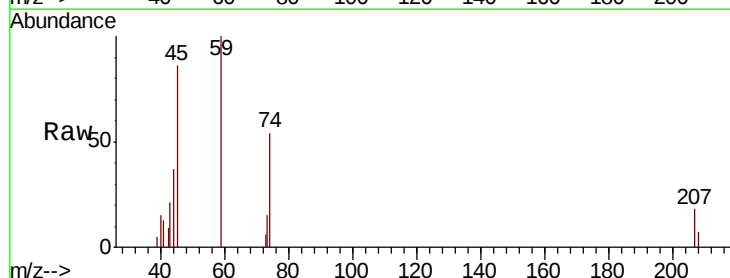
Acq: 17 Sep 2018 20:33

Tgt Ion: 74 Resp: 1307

Ion Ratio Lower Upper

74 100

45 123.0 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1000

800

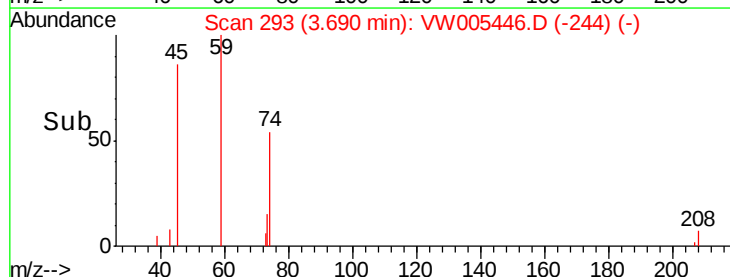
600

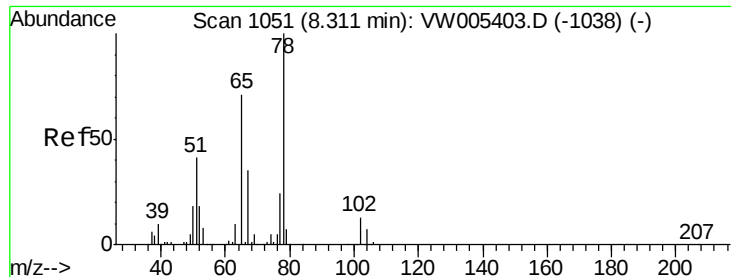
400

200

0

Time--> 3.65 3.70 3.75

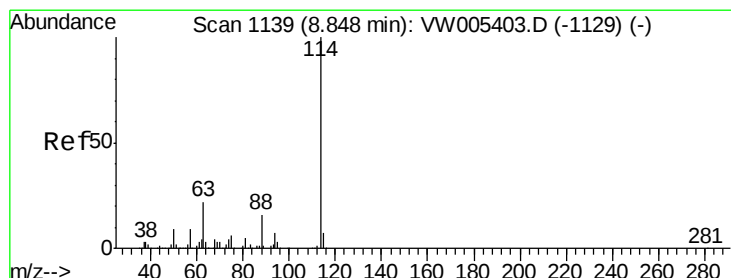
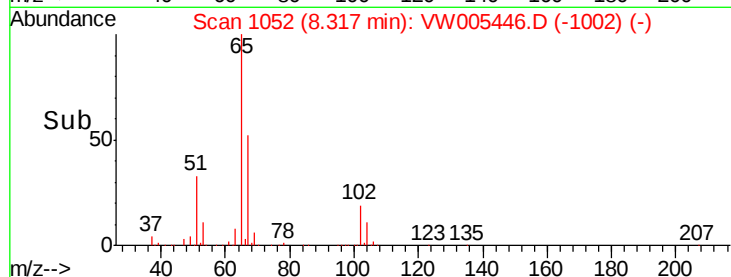
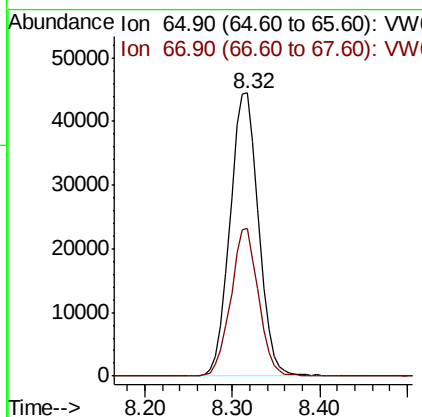
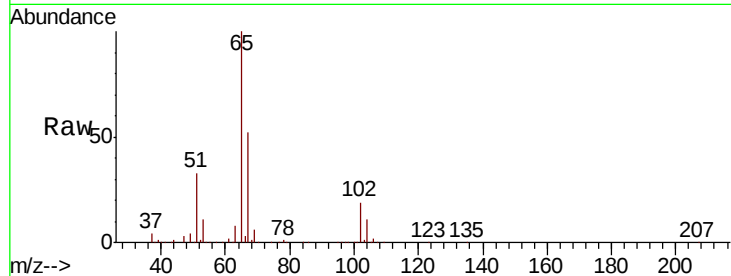




#33
 1,2-Dichloroethane-d4
 Concen: 44.40 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005446.D
 Acq: 17 Sep 2018 20:33

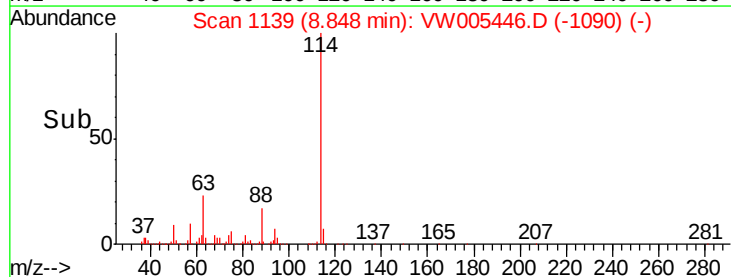
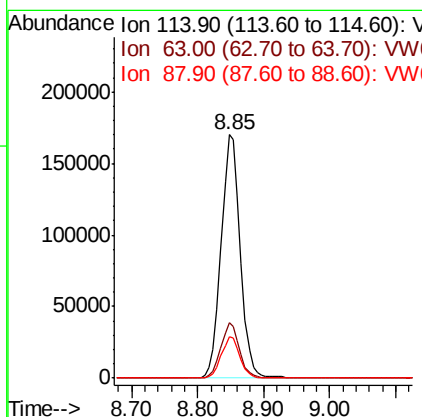
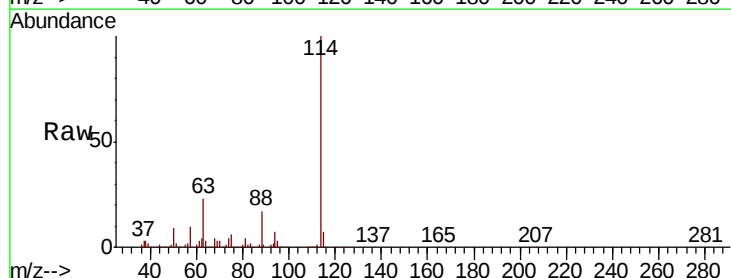
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47198RT

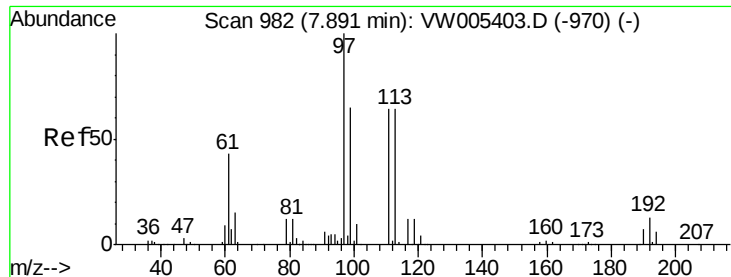
Tot Ion: 65 Resp: 101145
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005446.D
 Acq: 17 Sep 2018 20:33

Tgt Ion: 114 Resp: 340059
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 16.8 0.0 31.8

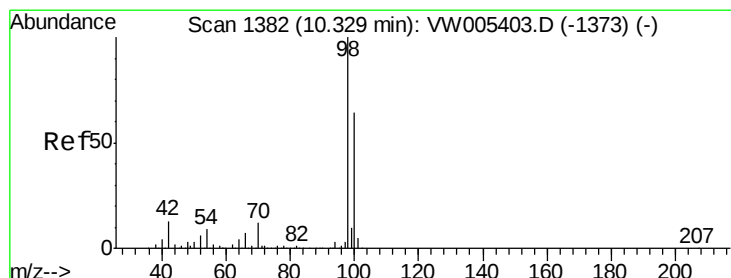
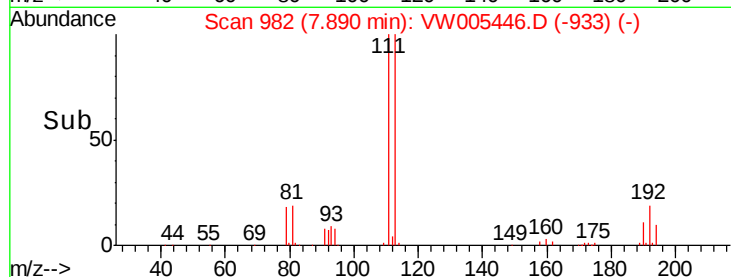
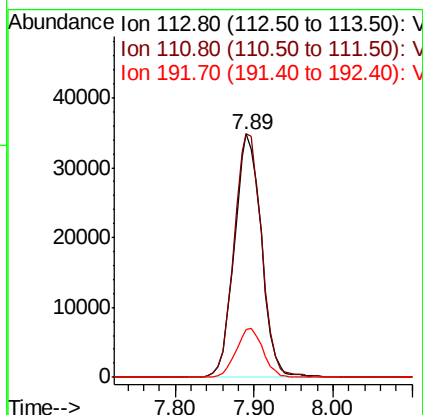
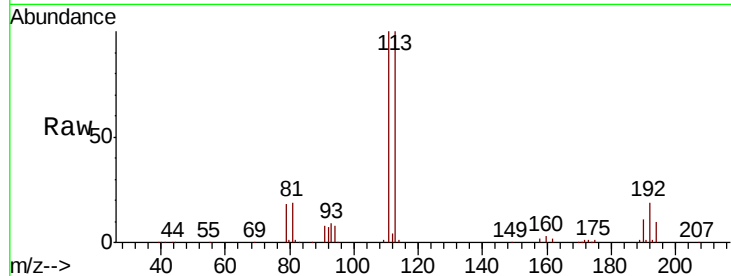




#35
Dibromofluoromethane
Concen: 43.38 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005446.D
Acq: 17 Sep 2018 20:33

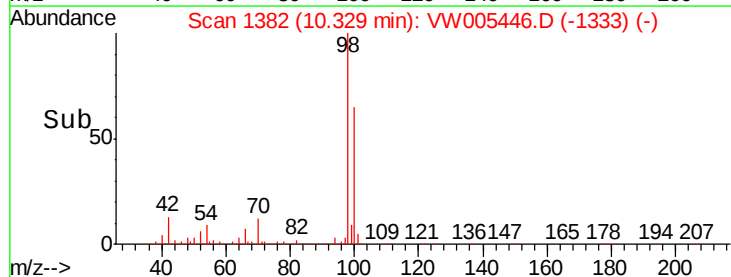
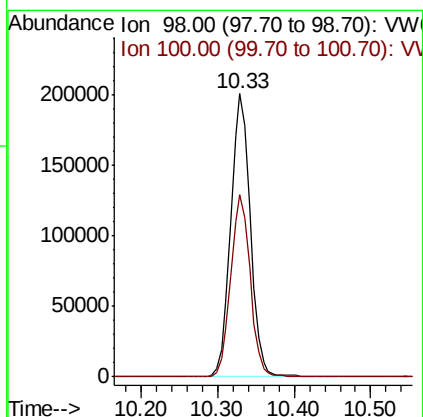
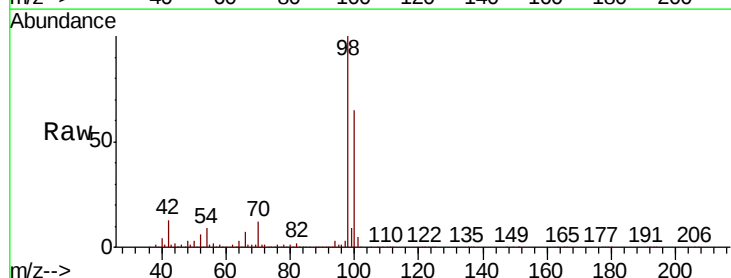
Instrument :
MSVOA_W
ClientSampleId :
RB47198RT

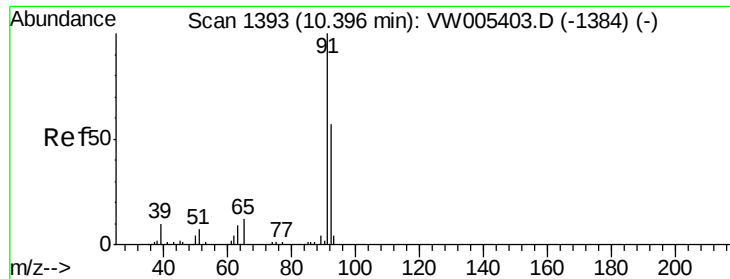
Tot Ion:113 Resp: 82703
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 20.1 16.5 24.7



#50
Toluene-d8
Concen: 40.77 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005446.D
Acq: 17 Sep 2018 20:33

Tgt Ion: 98 Resp: 355955
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#52

Toluene

Concen: 1.08 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005446.D

Acq: 17 Sep 2018 20:33

Instrument :

MSVOA_W

ClientSampleId :

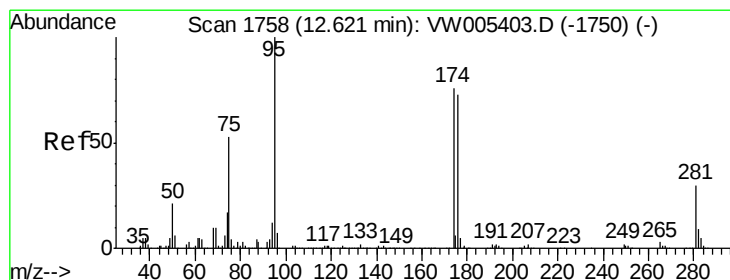
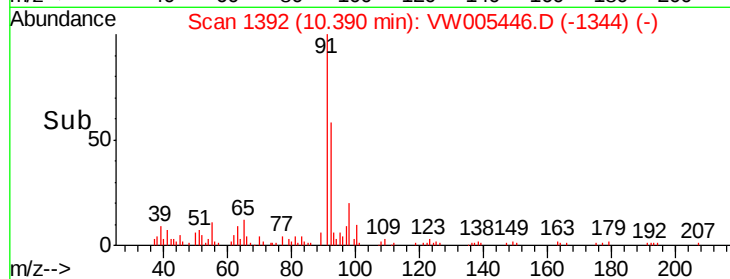
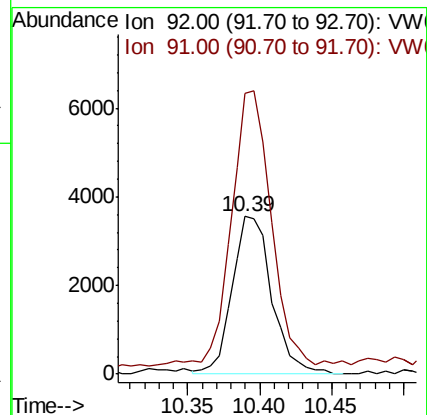
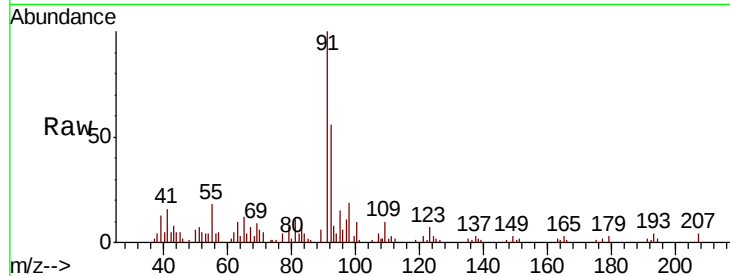
RB47198RT

Tot Ion: 92 Resp: 6832

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 38.46 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005446.D

Acq: 17 Sep 2018 20:33

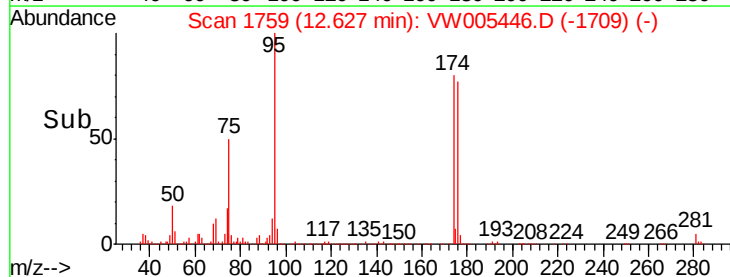
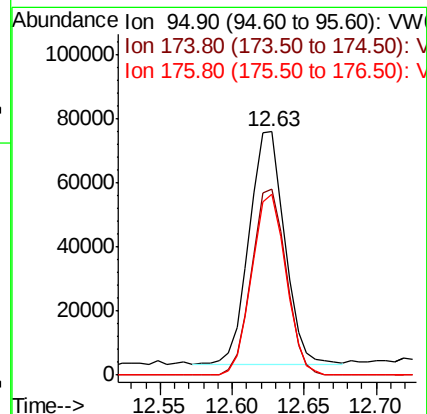
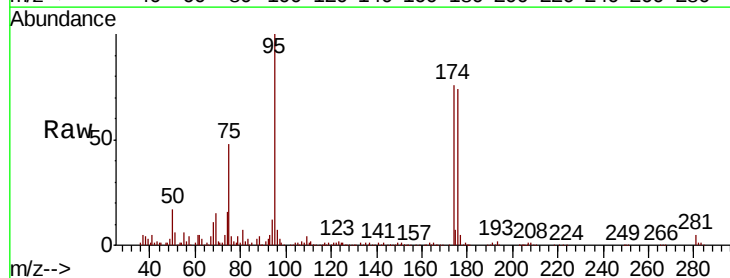
Tgt Ion: 95 Resp: 123149

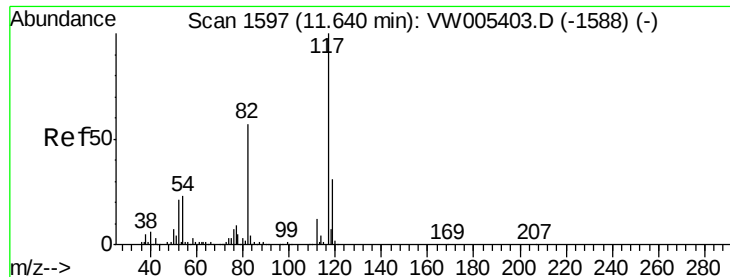
Ion Ratio Lower Upper

95 100

174 78.2 0.0 161.2

176 75.2 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: VW005446.D

Acq: 17 Sep 2018 20:33

Instrument :

MSVOA_W

ClientSampleId :

RB47198RT

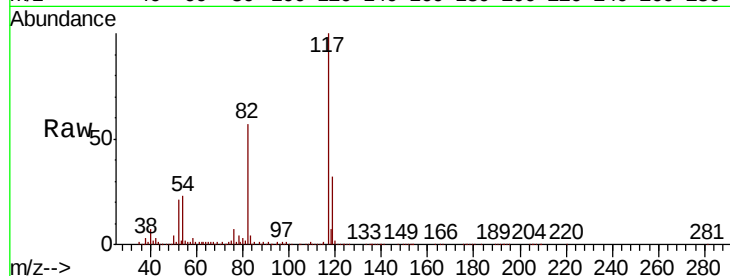
Tot Ion:117 Resp: 324259

Ion Ratio Lower Upper

117 100

82 57.1 45.9 68.9

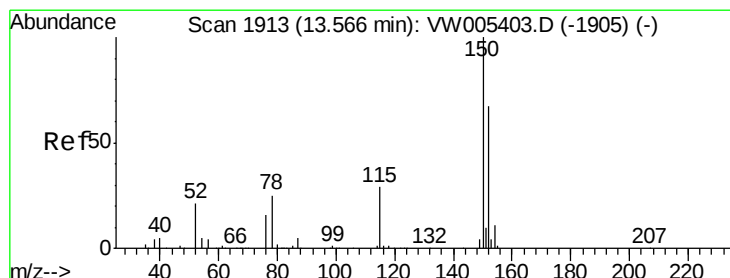
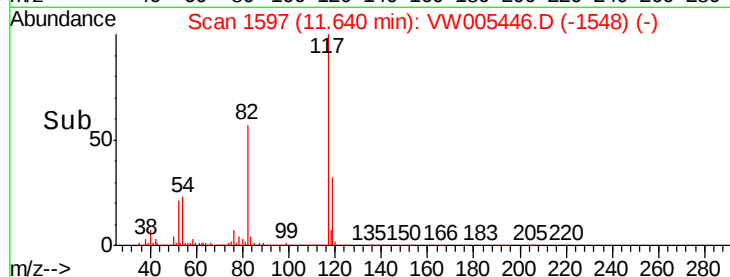
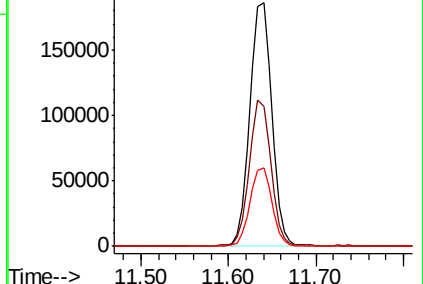
119 32.3 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW005446.D

Acq: 17 Sep 2018 20:33

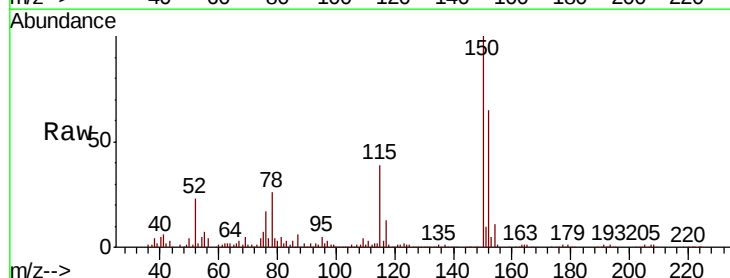
Tgt Ion:152 Resp: 134520

Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.5

150 154.4 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

