

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005463.D
 Acq On : 18 Sep 2018 06:17
 Operator : SY/AP
 Sample : J4941-04RE
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47198RTRE

Quant Time: Sep 18 07:16:39 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	286801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	474349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	437876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	134766	45.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.54%	
35) Dibromofluoromethane	7.89	113	112054	42.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.26%	
50) Toluene-d8	10.33	98	443842	36.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.88%	
62) 4-Bromofluorobenzene	12.63	95	157582	35.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.58%	

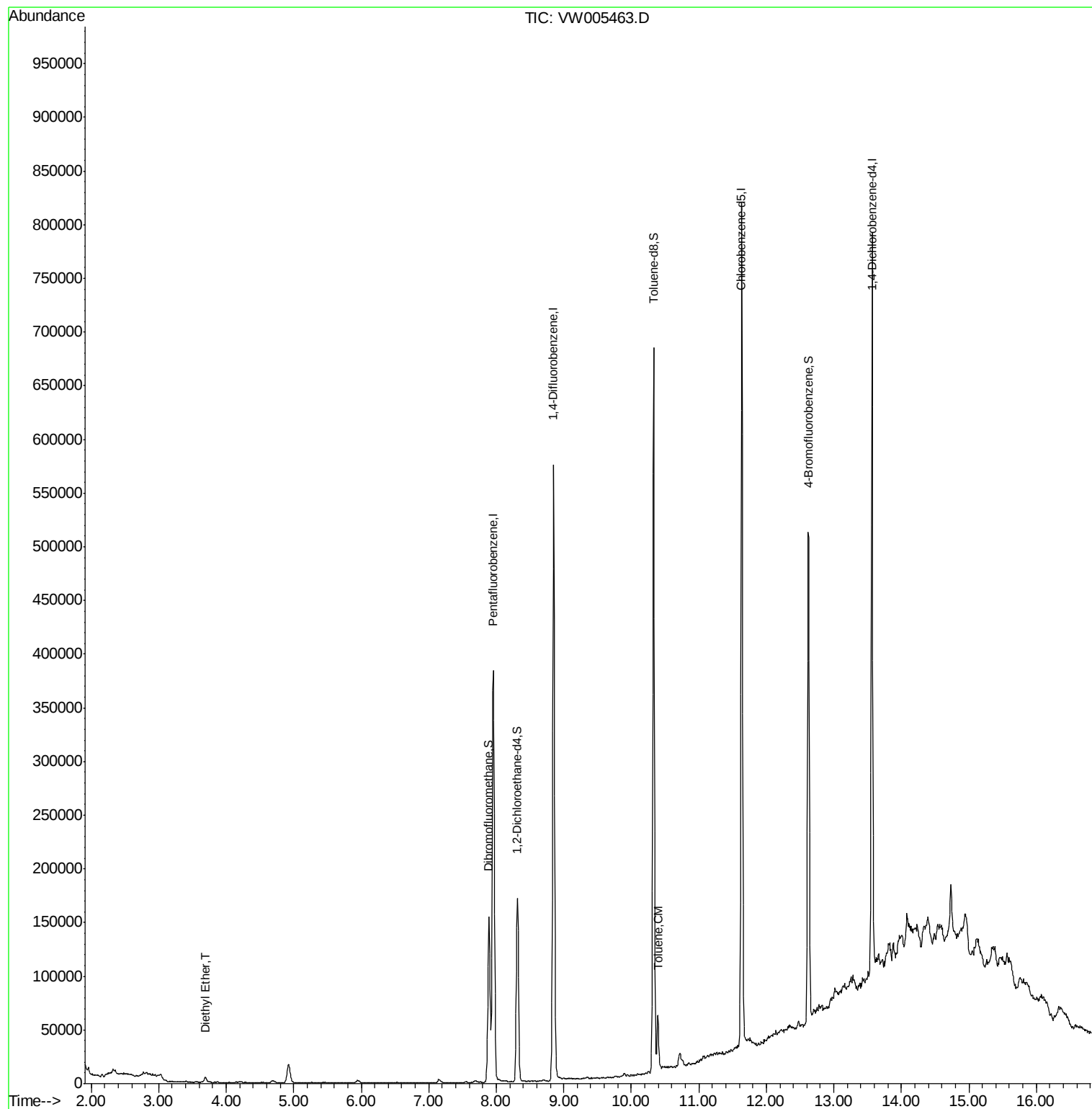
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	2352	1.88	ug/l	72
52) Toluene	10.39	92	20211	2.29	ug/l	96

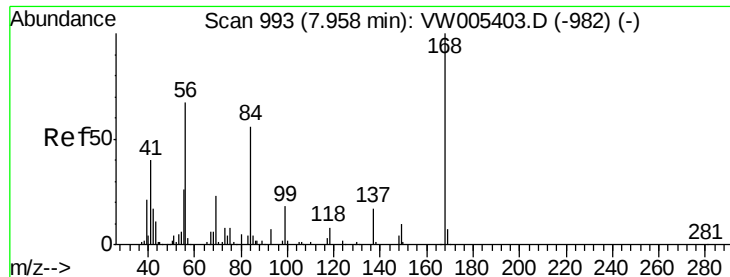
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005463.D

Acq: 18 Sep 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

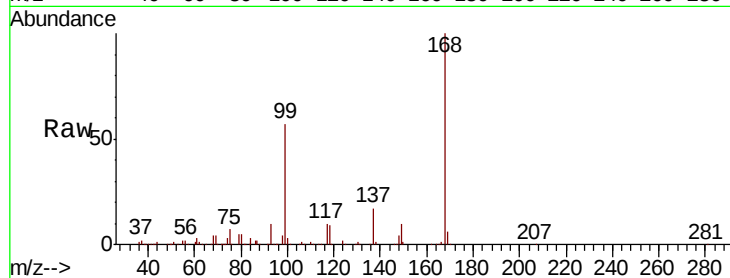
RB47198RTRE

Tot Ion:168 Resp: 286801

Ion Ratio Lower Upper

168 100

99 56.6 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

150000

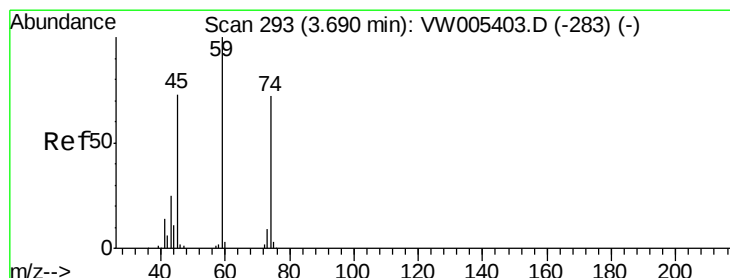
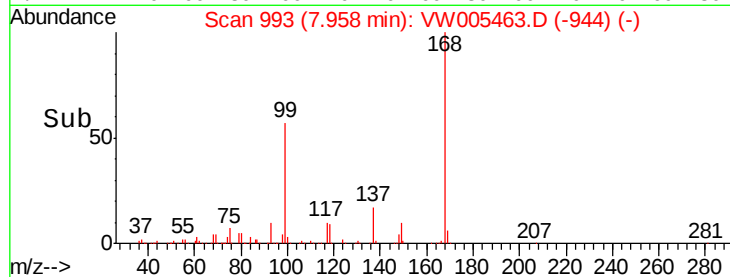
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.88 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005463.D

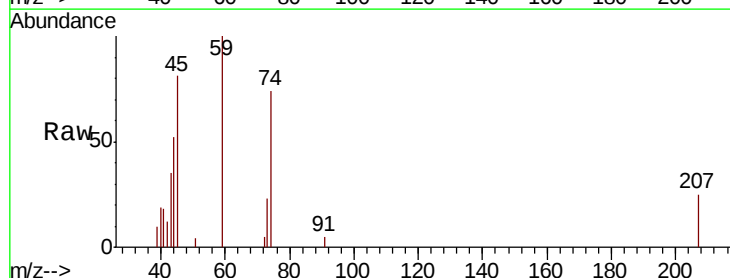
Acq: 18 Sep 2018 06:17

Tgt Ion: 74 Resp: 2352

Ion Ratio Lower Upper

74 100

45 135.6 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1500

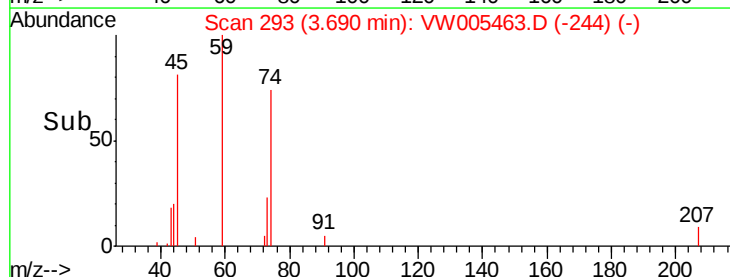
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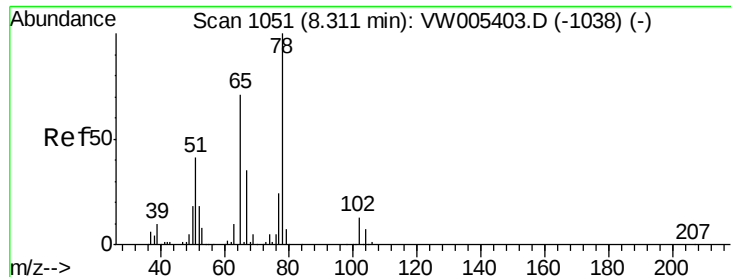
500

0

3.60 3.65 3.70 3.75

Time-->

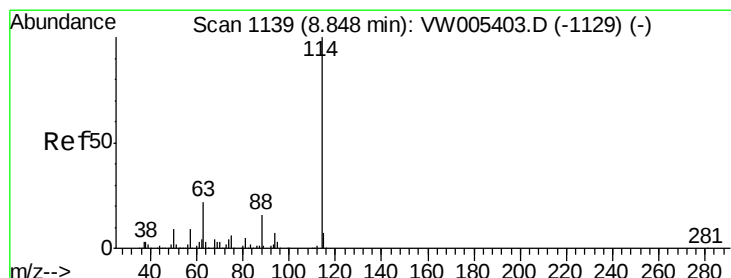
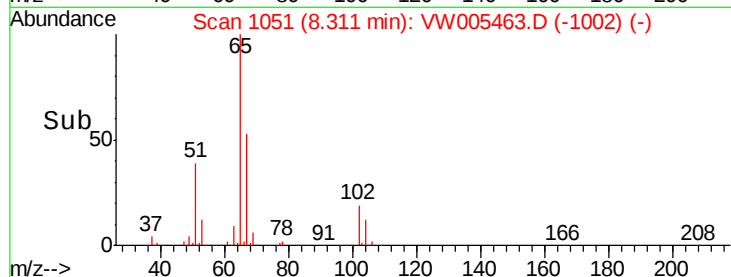
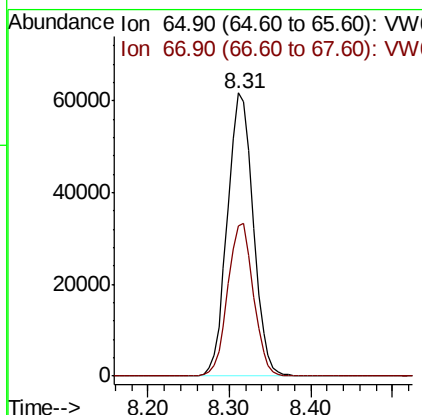
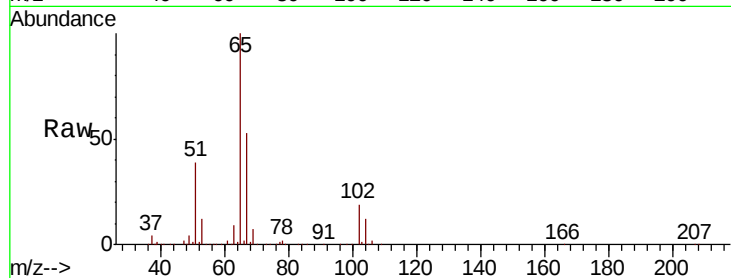




#33
 1,2-Dichloroethane-d4
 Concen: 45.27 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005463.D
 Acq: 18 Sep 2018 06:17

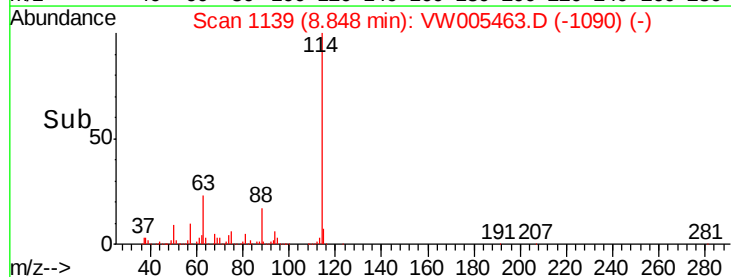
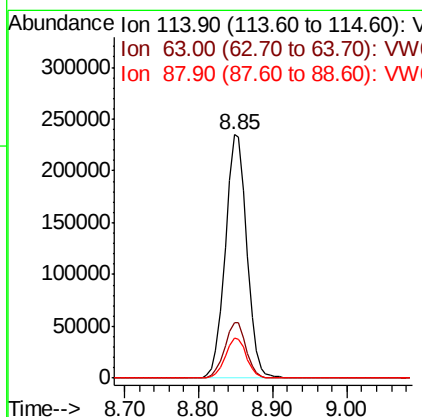
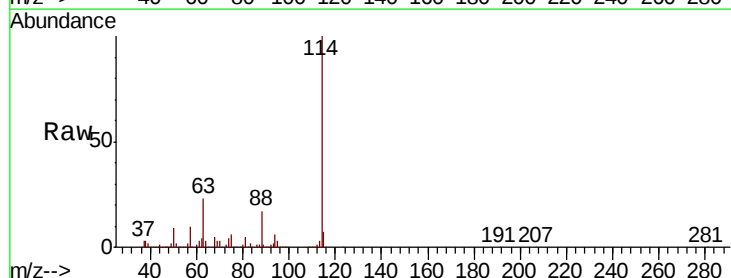
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47198RTRE

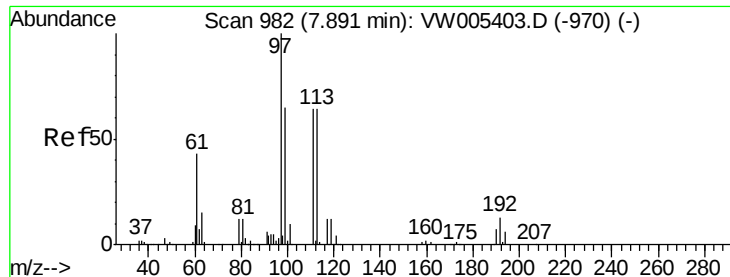
Tot Ion: 65 Resp: 134766
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005463.D
 Acq: 18 Sep 2018 06:17

Tgt Ion: 114 Resp: 474349
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 16.5 0.0 31.8

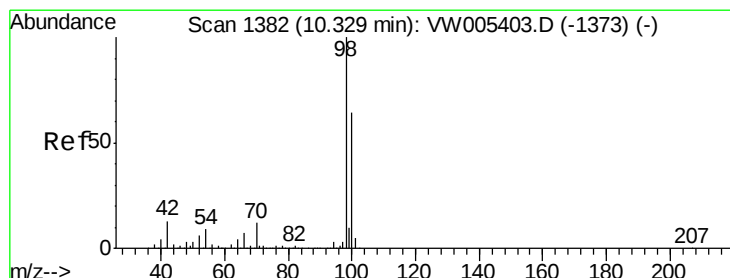
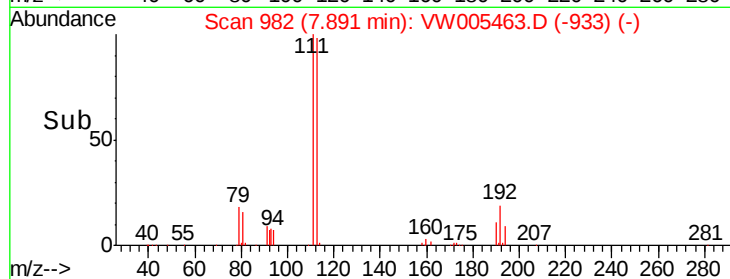
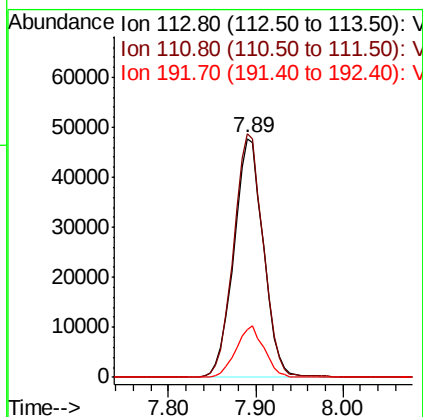
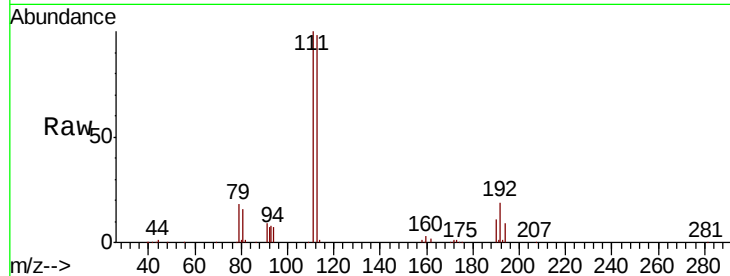




#35
 Dibromofluoromethane
 Concen: 42.13 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005463.D
 Acq: 18 Sep 2018 06:17

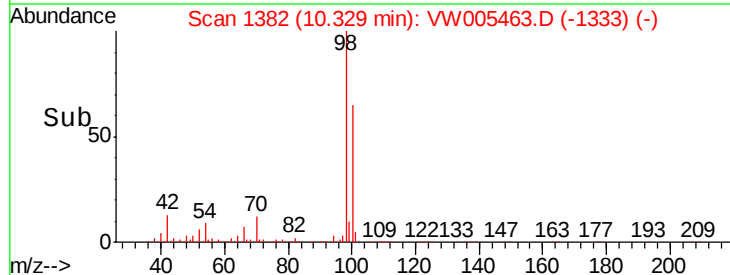
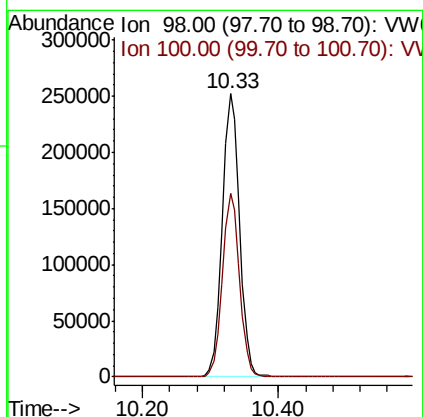
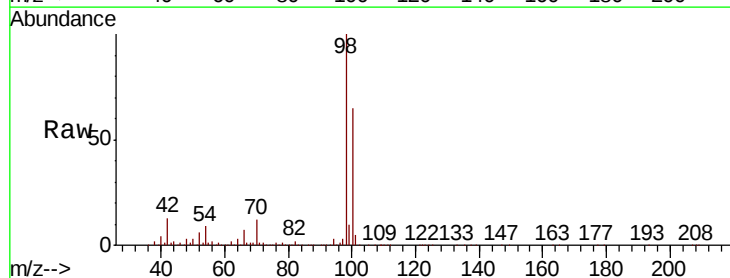
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47198RTRE

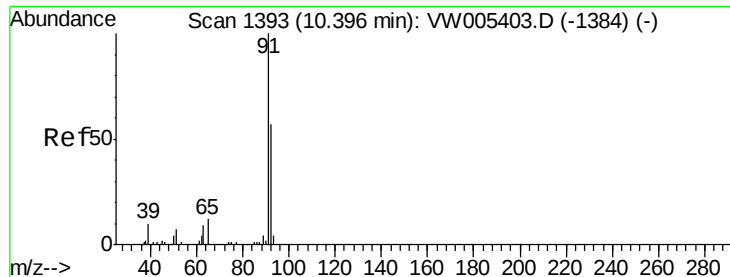
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	20.5	16.5	24.7



#50
 Toluene-d8
 Concen: 36.44 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005463.D
 Acq: 18 Sep 2018 06:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





#52

Toluene

Concen: 2.29 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005463.D

Acq: 18 Sep 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

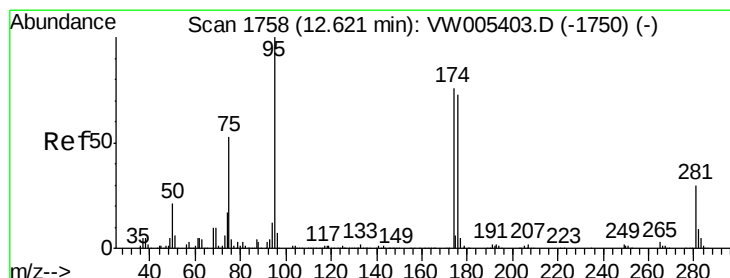
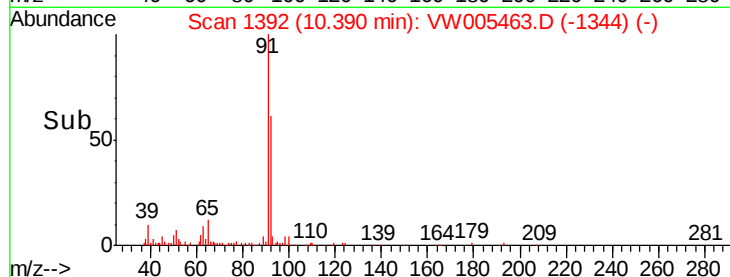
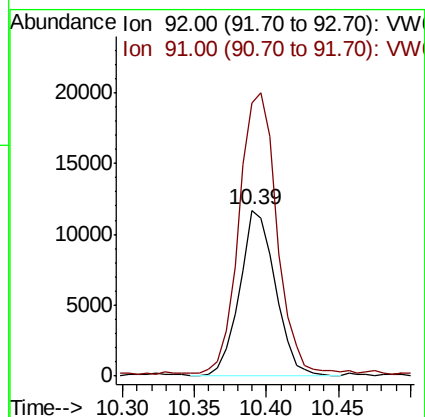
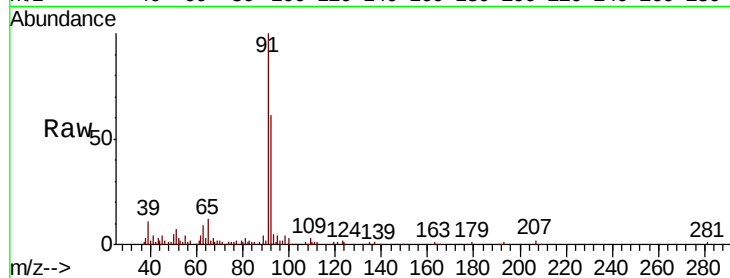
RB47198RTRE

Tot Ion: 92 Resp: 20211

Ion Ratio Lower Upper

92 100

91 178.8 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 35.29 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005463.D

Acq: 18 Sep 2018 06:17

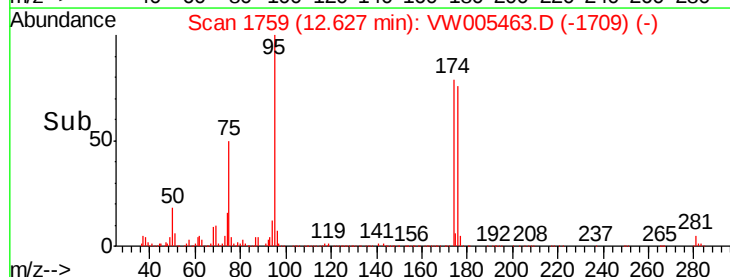
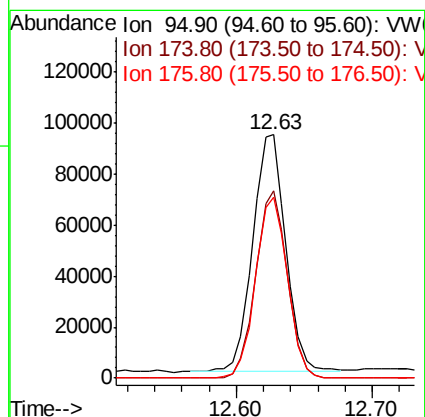
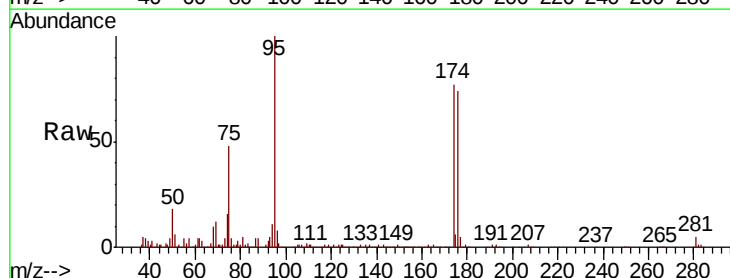
Tgt Ion: 95 Resp: 157582

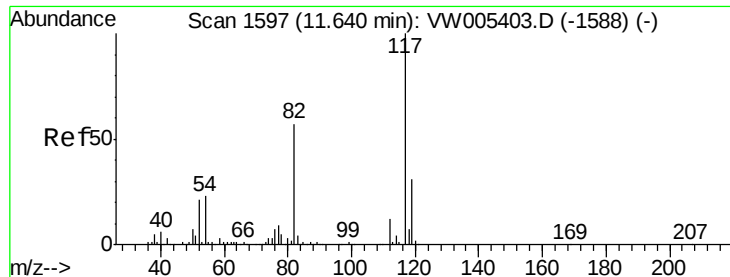
Ion Ratio Lower Upper

95 100

174 75.9 0.0 161.2

176 74.1 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: VW005463.D

Acq: 18 Sep 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

RB47198RTRE

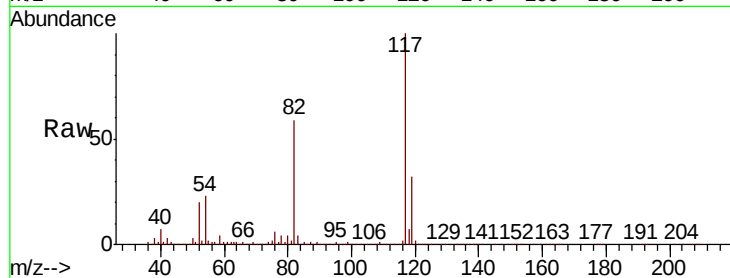
Tot Ion:117 Resp: 437876

Ion Ratio Lower Upper

117 100

82 58.6 45.9 68.9

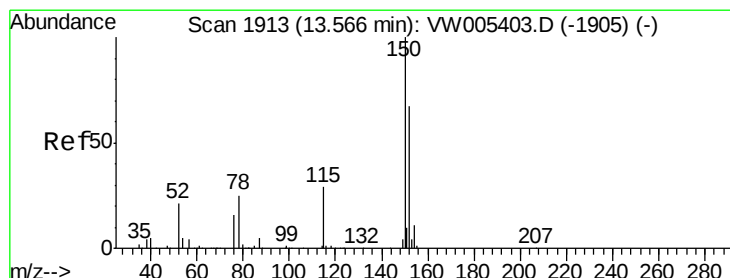
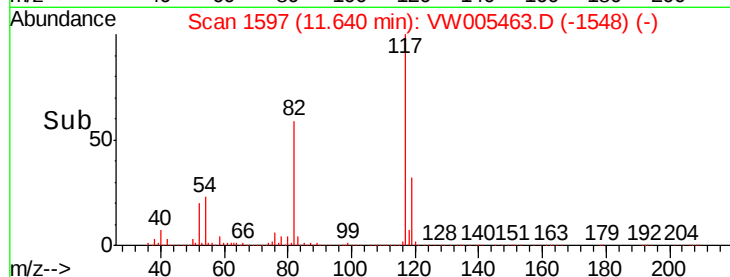
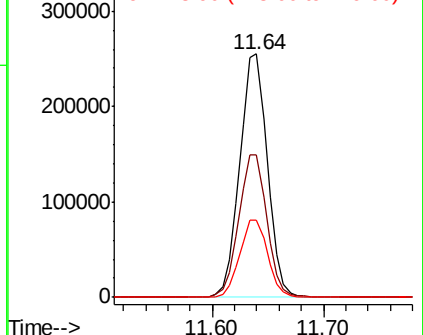
119 31.7 24.8 37.2



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: VW005463.D

Acq: 18 Sep 2018 06:17

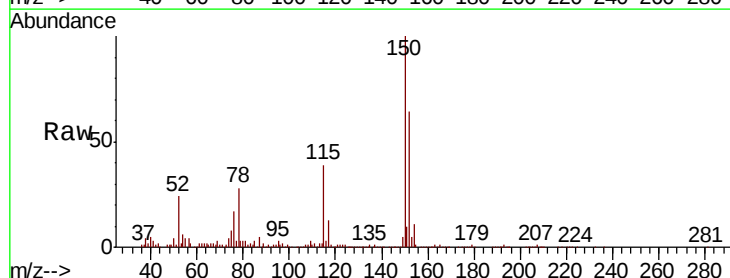
Tgt Ion:152 Resp: 173935

Ion Ratio Lower Upper

152 100

115 59.8 29.5 88.5

150 157.1 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

