

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005454.D
 Acq On : 18 Sep 2018 02:29
 Operator : SY/AP
 Sample : J4952-02
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 161-20

Quant Time: Sep 18 06:48:49 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

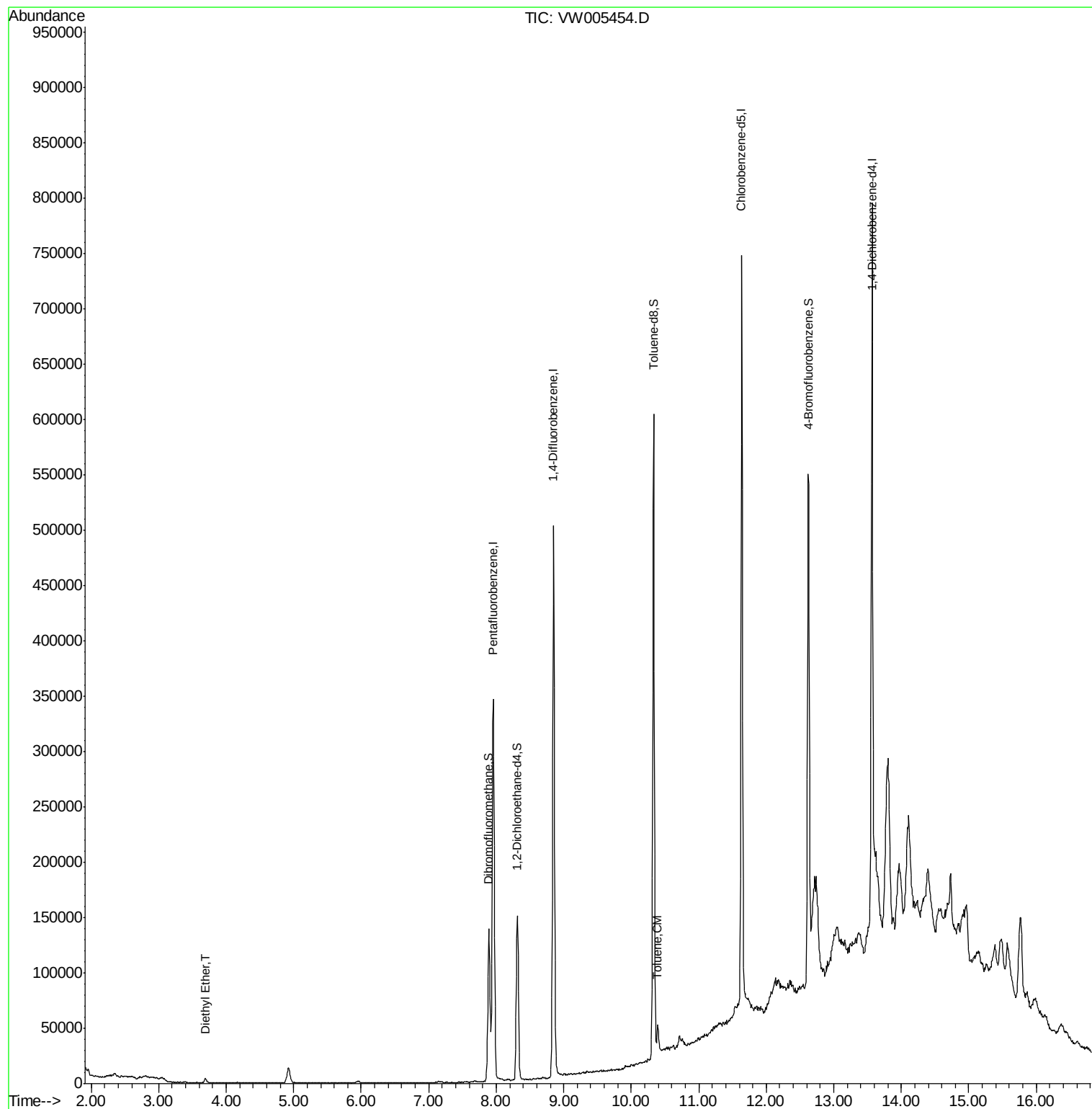
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	254875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	372752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120131	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
35) Dibromofluoromethane	7.89	113	96711	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
50) Toluene-d8	10.33	98	388203	37.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.22%	
62) 4-Bromofluorobenzene	12.62	95	149771	39.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.08%	
Target Compounds						
8) Diethyl Ether	3.70	74	1902	1.71	ug/l	96
52) Toluene	10.39	92	9794	1.29	ug/l	99

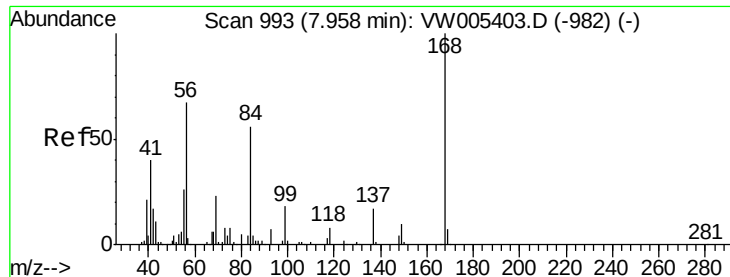
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005454.D

Acq: 18 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

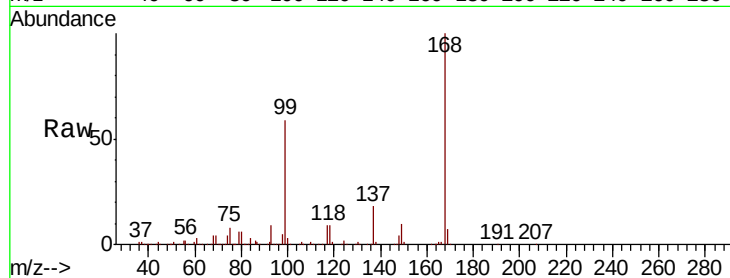
161-20

Tot Ion:168 Resp: 254875

Ion Ratio Lower Upper

168 100

99 59.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

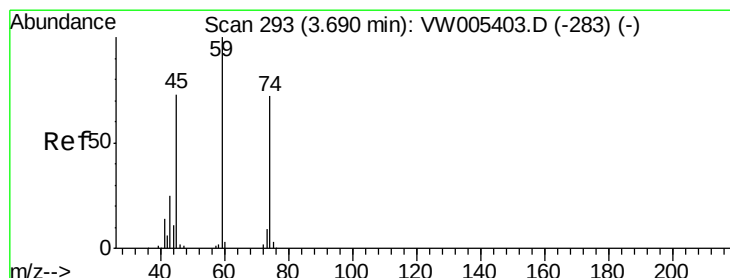
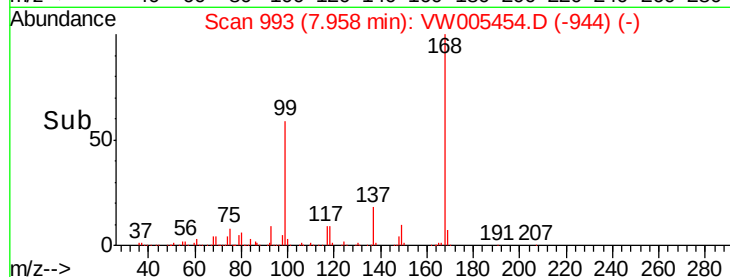
7.96

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#8

Diethyl Ether

Concen: 1.71 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005454.D

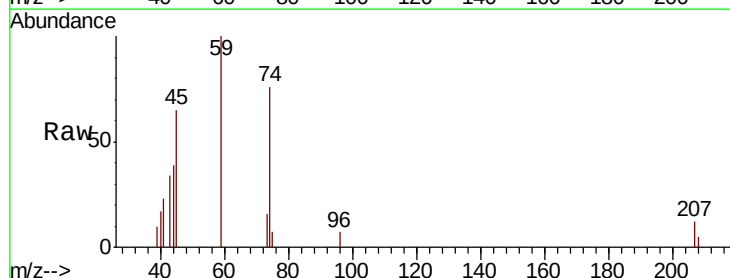
Acq: 18 Sep 2018 02:29

Tgt Ion: 74 Resp: 1902

Ion Ratio Lower Upper

74 100

45 109.9 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

1000

800

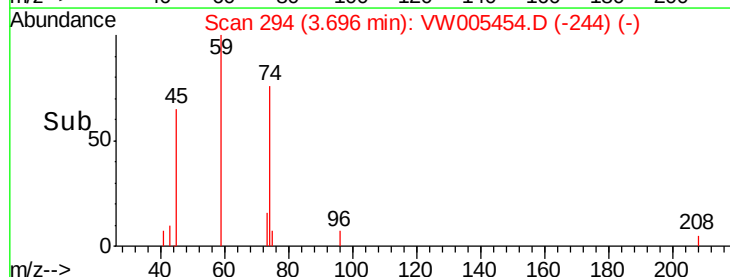
600

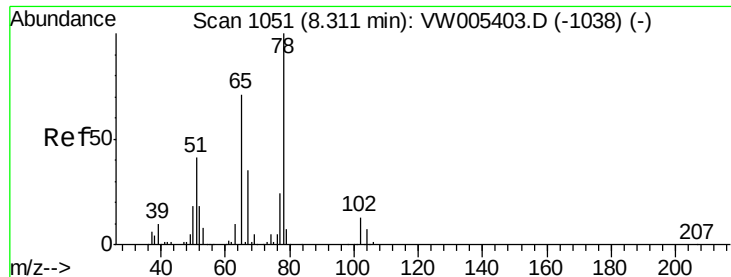
400

200

0

Time--> 3.60 3.65 3.70 3.75





#33

1,2-Dichloroethane-d4

Concen: 45.41 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005454.D

Acq: 18 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampled :

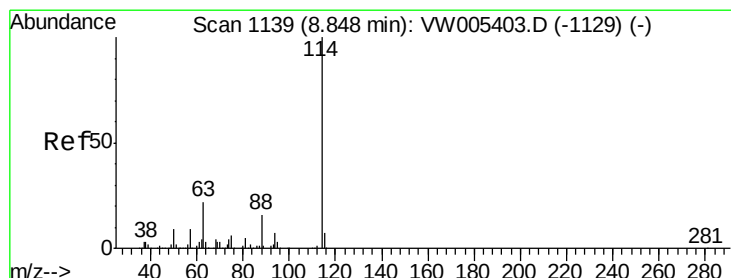
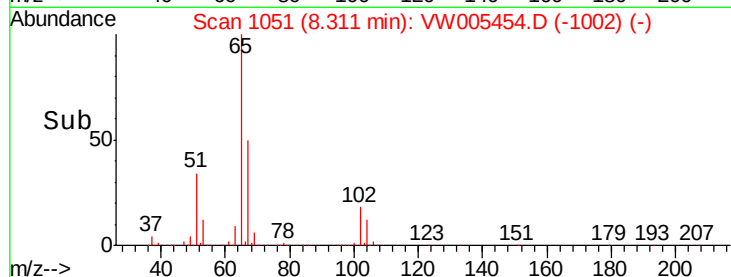
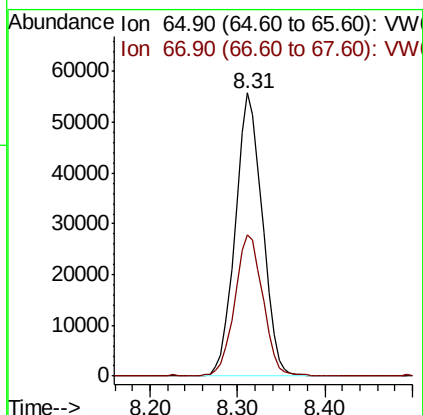
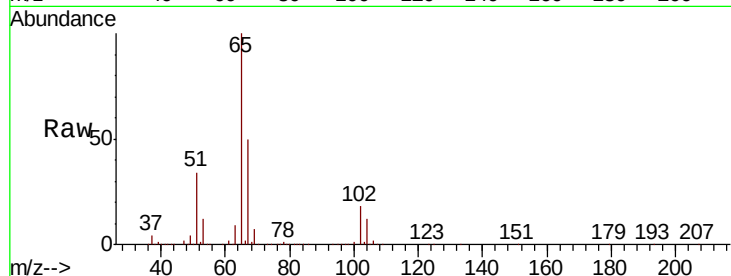
161-20

Tot Ion: 65 Resp: 120131

Ion Ratio Lower Upper

65 100

67 51.2 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: VW005454.D

Acq: 18 Sep 2018 02:29

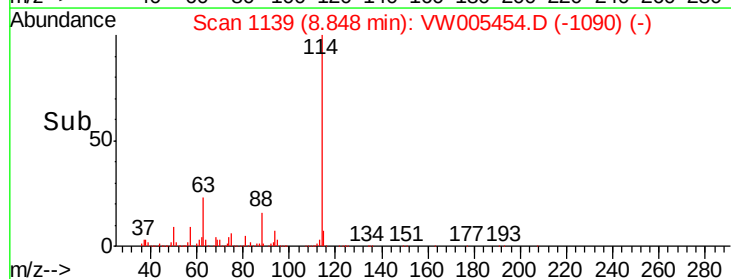
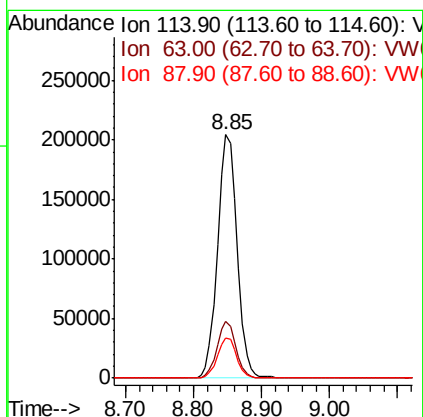
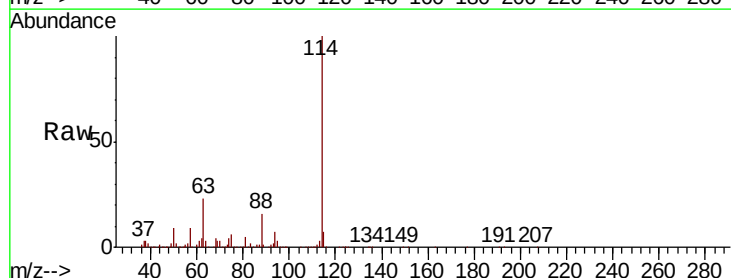
Tgt Ion: 114 Resp: 407435

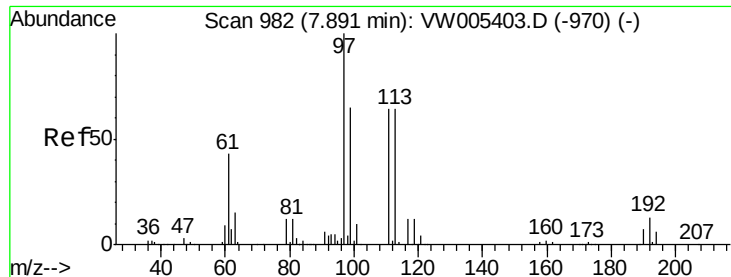
Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 16.4 0.0 31.8

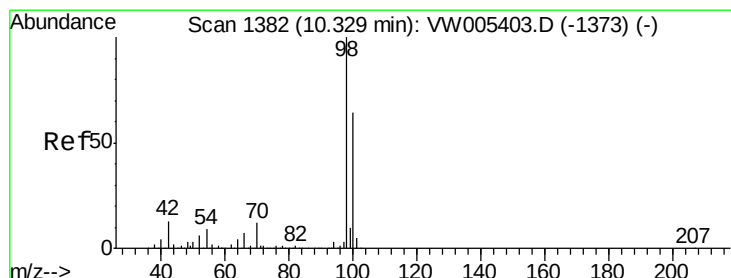
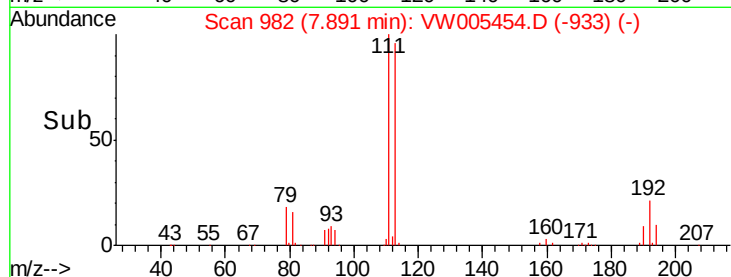
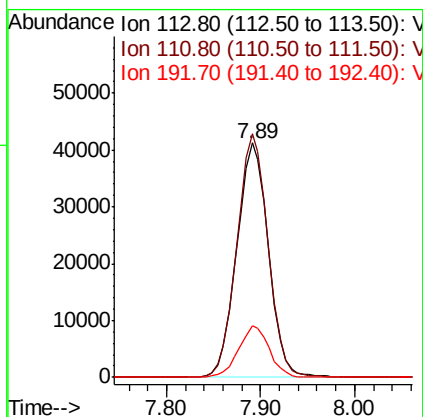
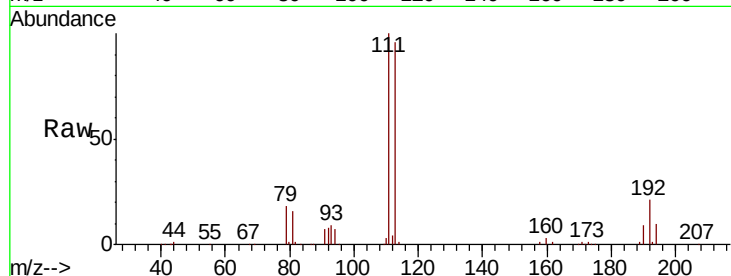




#35
 Dibromofluoromethane
 Concen: 42.33 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005454.D
 Acq: 18 Sep 2018 02:29

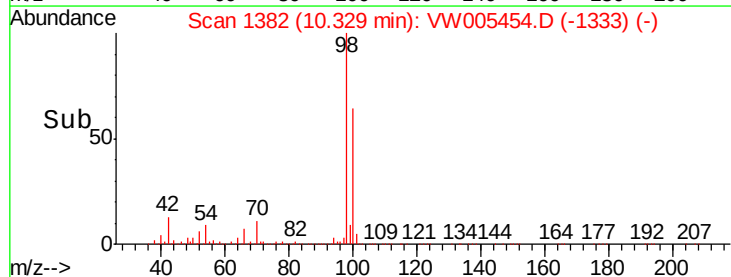
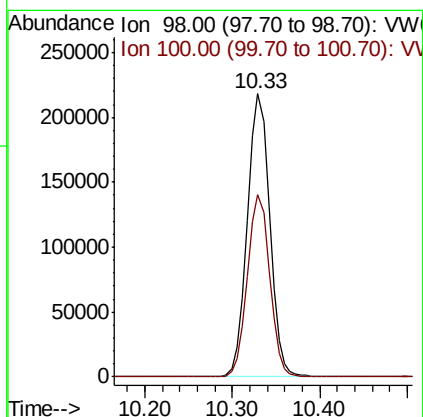
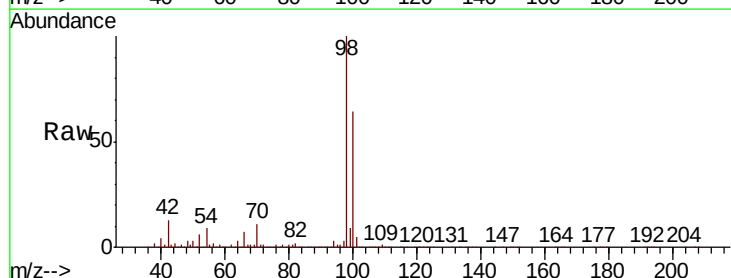
Instrument :
 MSVOA_W
 ClientSampled :
 161-20

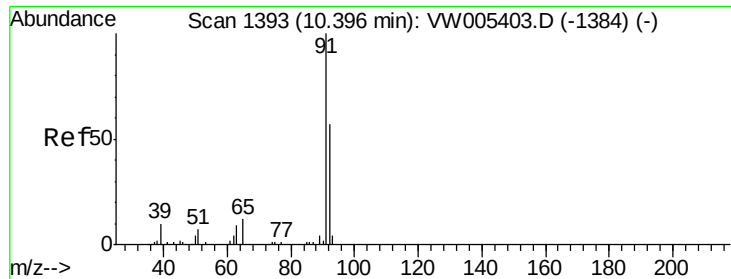
Tot Ion:113 Resp: 96711
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 21.3 16.5 24.7



#50
 Toluene-d8
 Concen: 37.11 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005454.D
 Acq: 18 Sep 2018 02:29

Tgt Ion: 98 Resp: 388203
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.4 77.0





#52

Toluene

Concen: 1.29 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005454.D

Acq: 18 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampled :

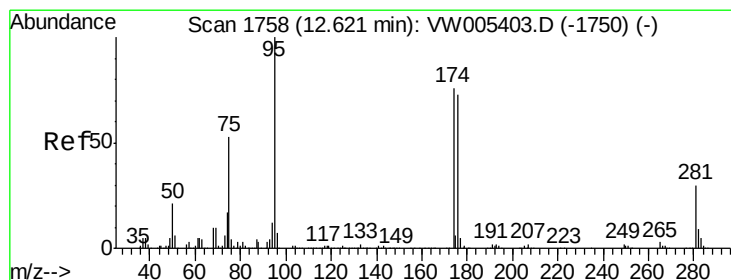
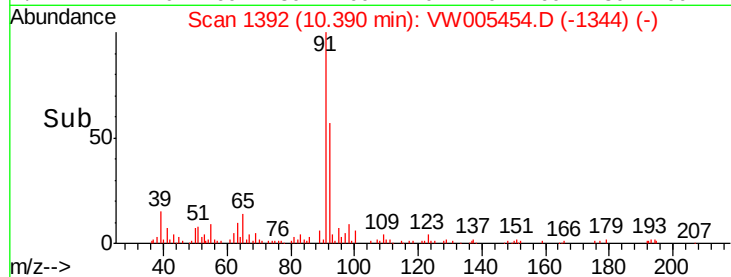
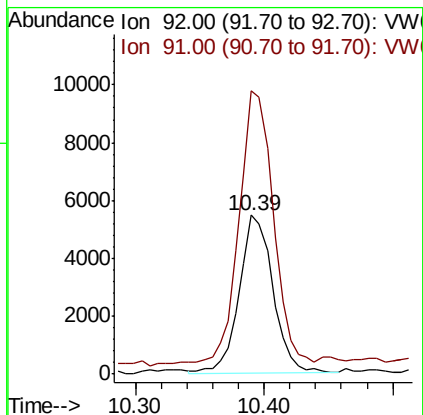
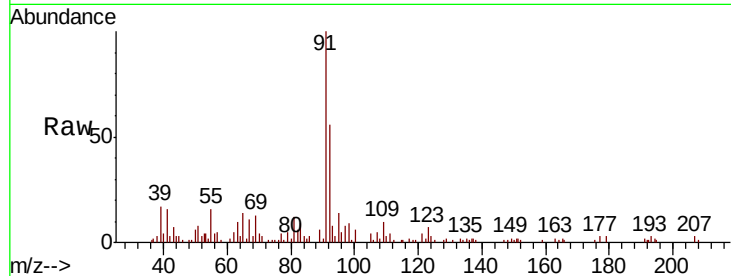
161-20

Tot Ion: 92 Resp: 9794

Ion Ratio Lower Upper

92 100

91 175.9 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 39.04 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005454.D

Acq: 18 Sep 2018 02:29

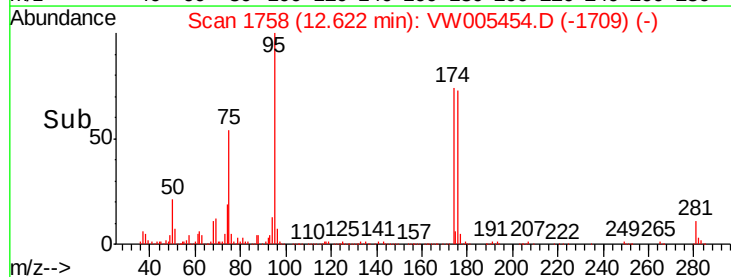
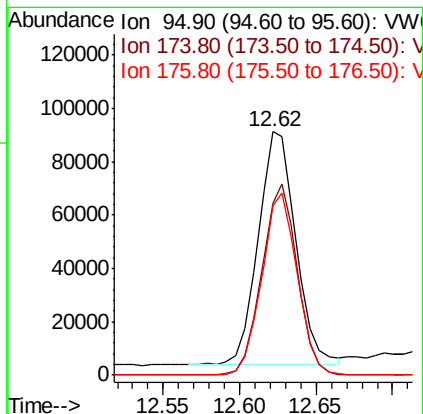
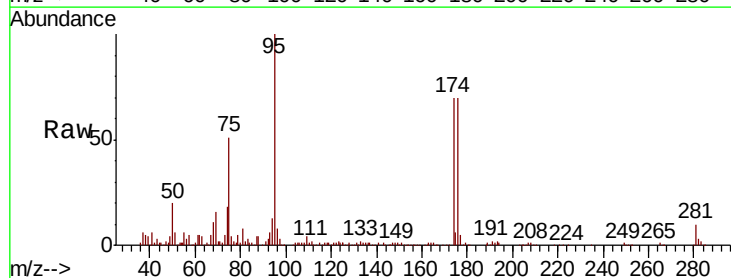
Tgt Ion: 95 Resp: 149771

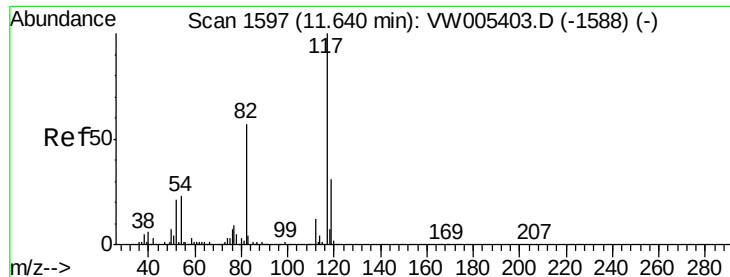
Ion Ratio Lower Upper

95 100

174 77.0 0.0 161.2

176 73.5 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: VW005454.D

Acq: 18 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampled :

161-20

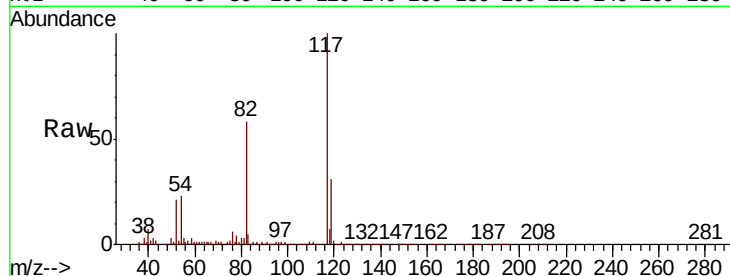
Tot Ion:117 Resp: 372752

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

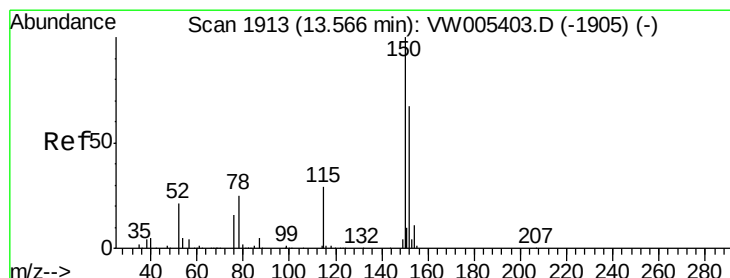
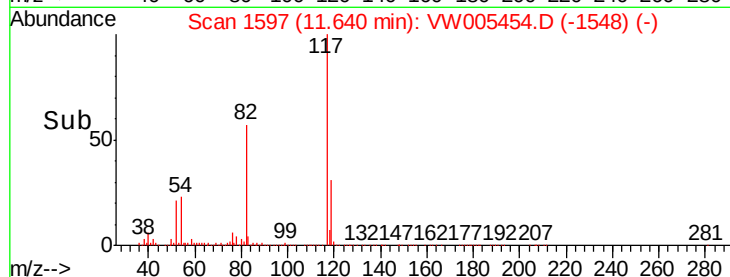
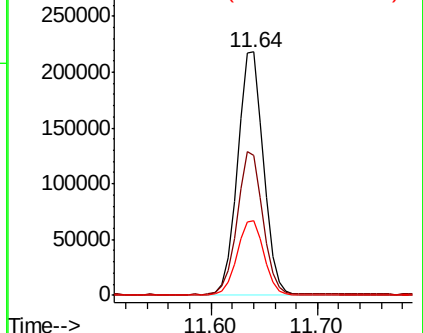
119 30.6 24.8 37.2



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: VW005454.D

Acq: 18 Sep 2018 02:29

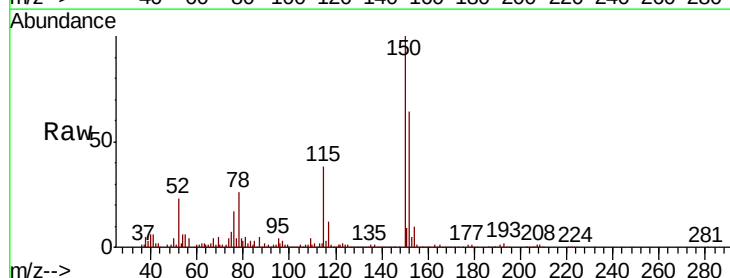
Tgt Ion:152 Resp: 167992

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

150 156.8 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

