

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008789.D
 Acq On : 22 Feb 2019 15:11
 Operator : SY/VA
 Sample : K1546-07
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

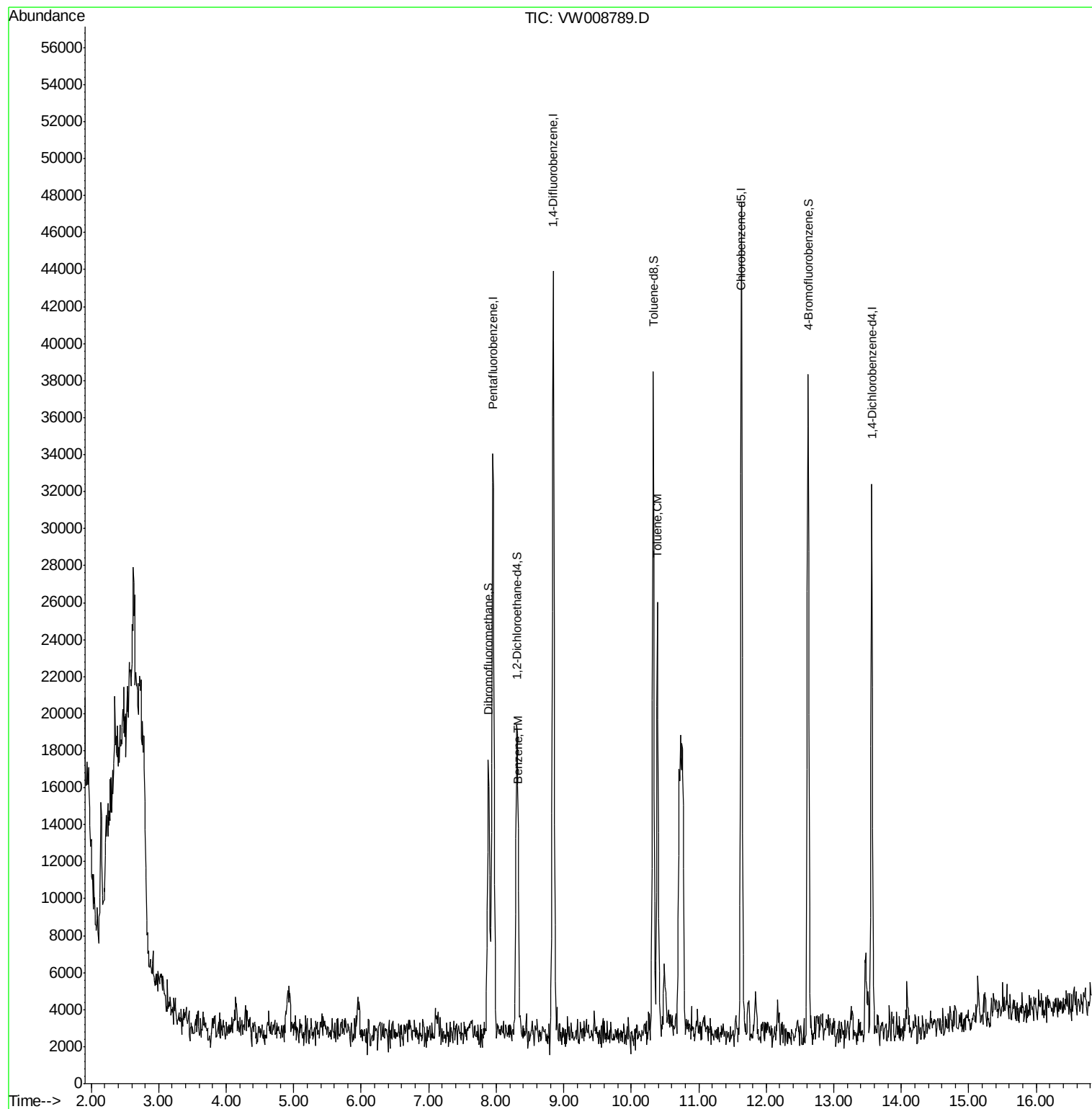
Quant Time: Feb 23 03:41:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

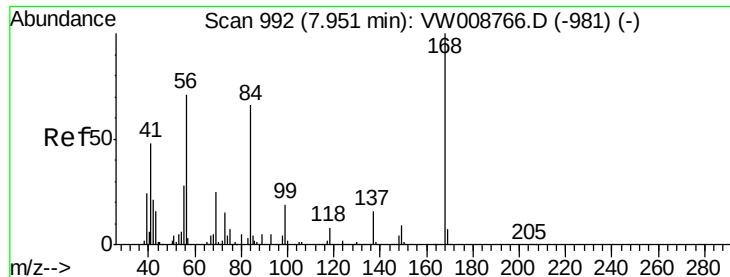
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	23423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	33769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	12291	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.88	113	10366	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.32	98	23010	29.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.80%	
62) 4-Bromofluorobenzene	12.62	95	8233	26.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.74%	
Target Compounds						
40) Benzene	8.33	78	1697	1.891	ug/l	91
52) Toluene	10.39	92	9242	15.173	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008789.D

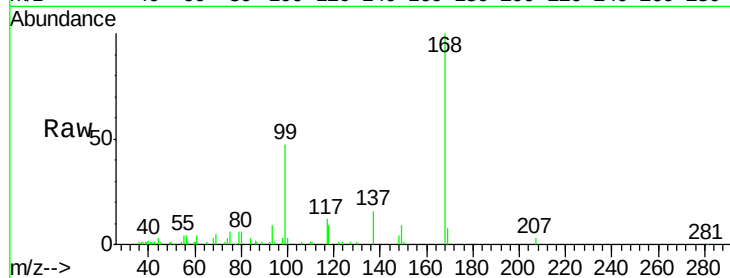
Acq: 22 Feb 2019 15:11

Tot Ion:168 Resp: 23423

Ion Ratio Lower Upper

168 100

99 46.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

6000

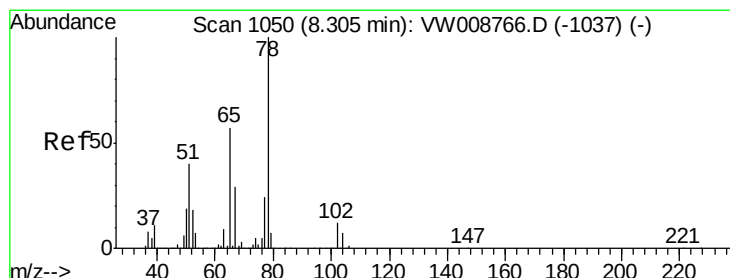
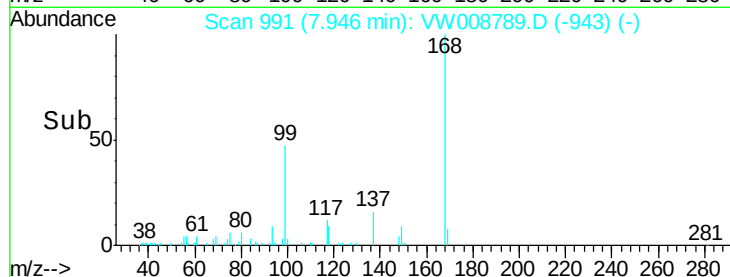
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.948 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008789.D

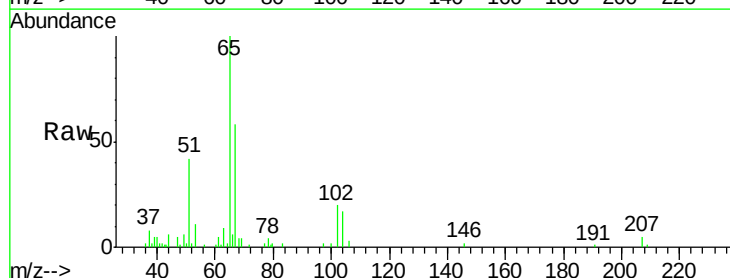
Acq: 22 Feb 2019 15:11

Tgt Ion: 65 Resp: 12291

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

6000

5000

4000

3000

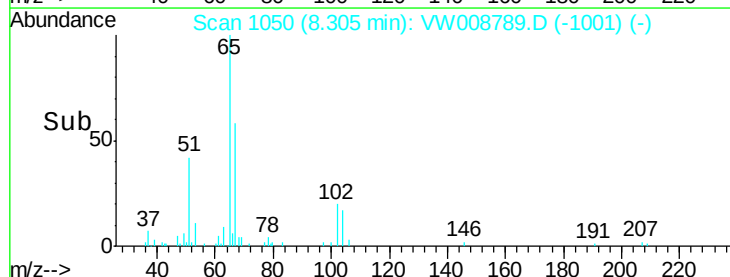
2000

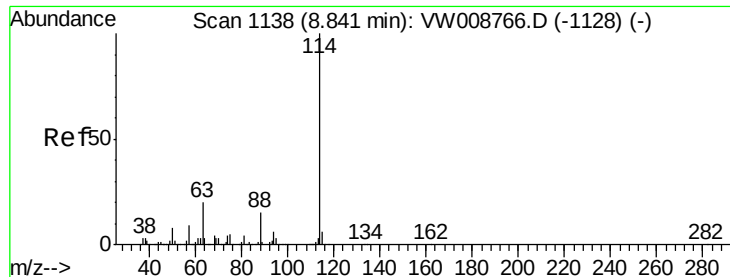
1000

0

8.20 8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

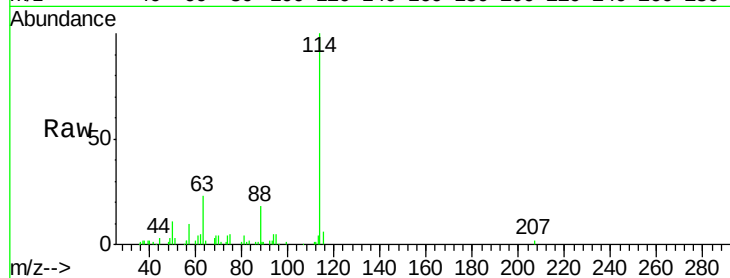
Tot Ion:114 Resp: 33769

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.8

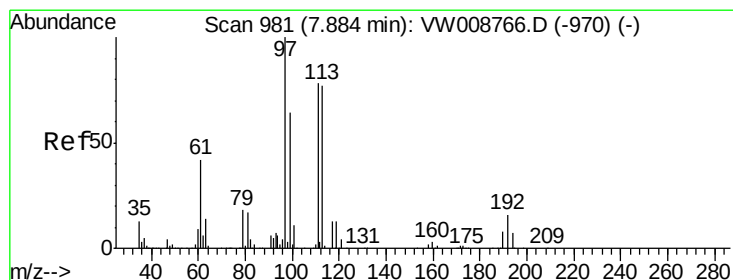
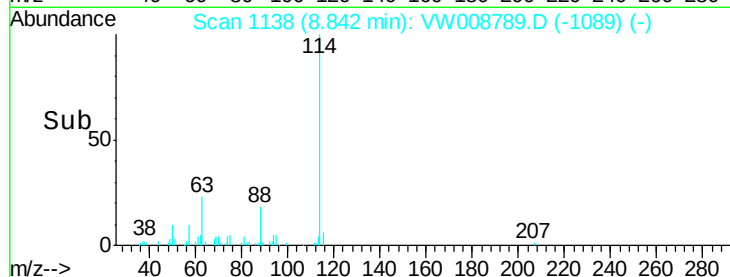
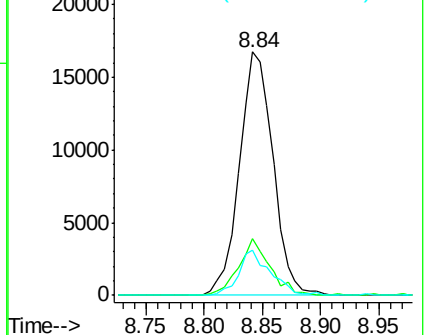
88 18.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.126 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

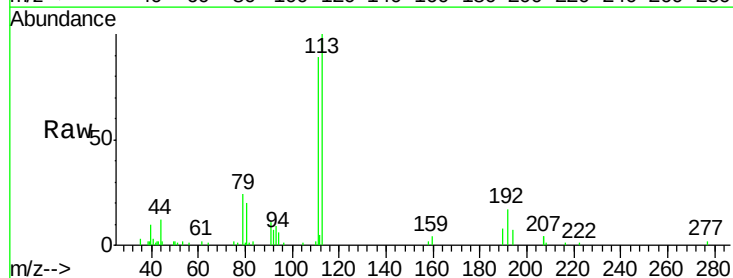
Tgt Ion:113 Resp: 10366

Ion Ratio Lower Upper

113 100

111 98.4 81.9 122.9

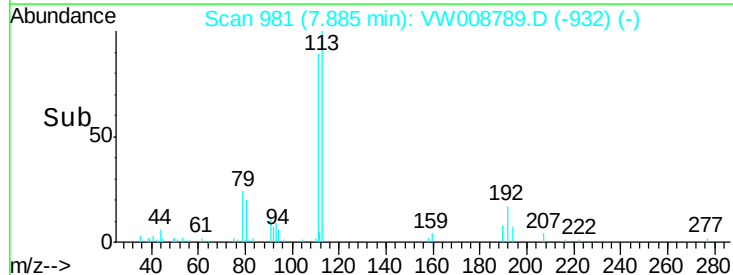
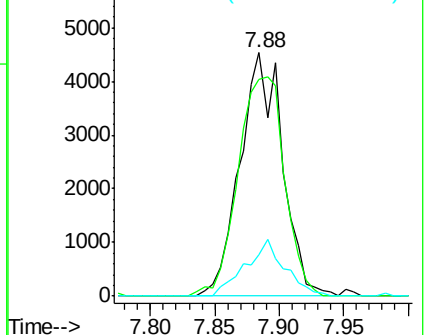
192 21.4 17.1 25.7

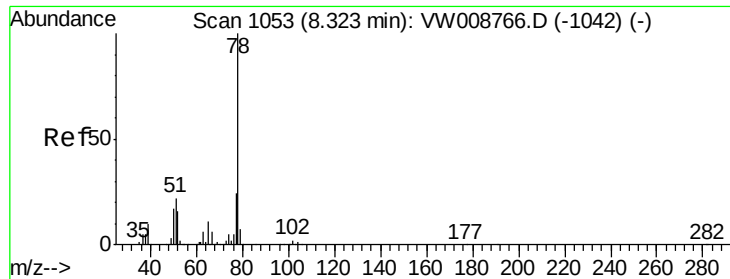


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.891 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW008789.D

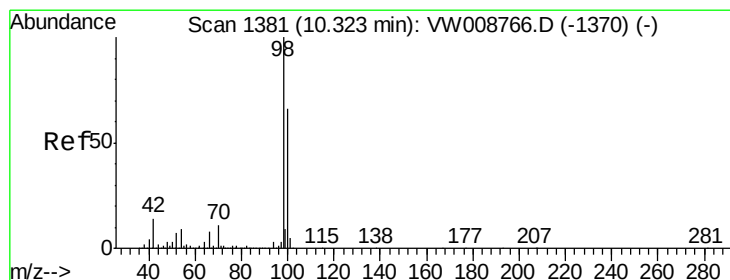
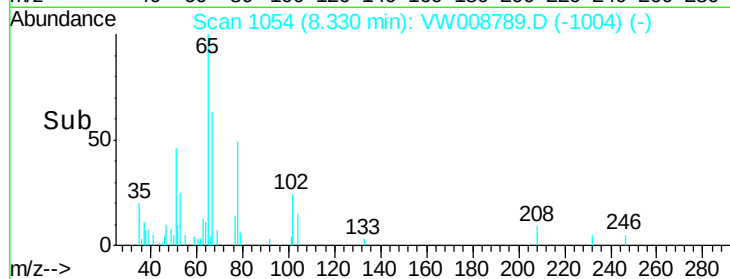
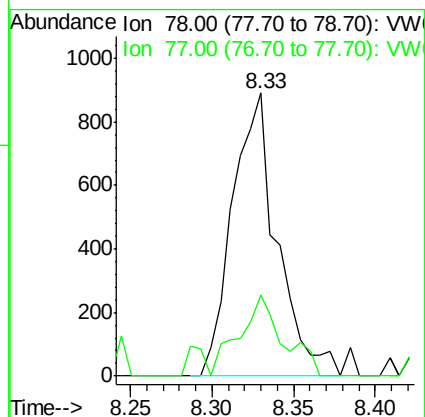
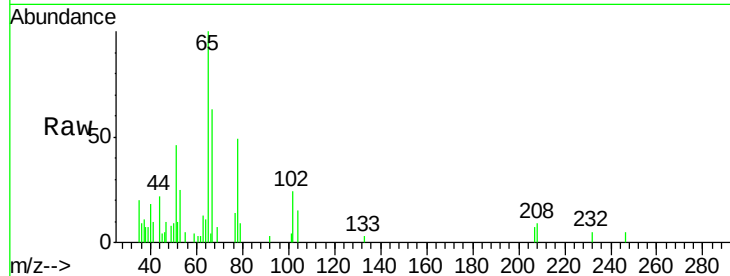
Acq: 22 Feb 2019 15:11

Tot Ion: 78 Resp: 1697

Ion Ratio Lower Upper

78 100

77 28.7 19.3 28.9



#50

Toluene-d8

Concen: 29.399 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008789.D

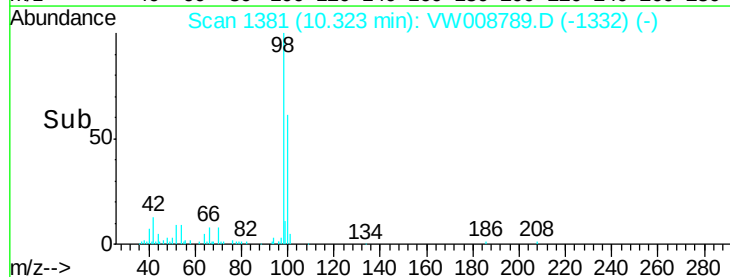
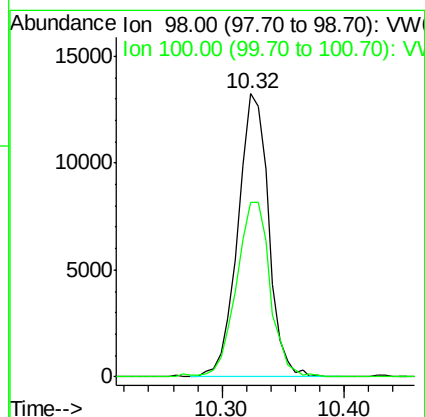
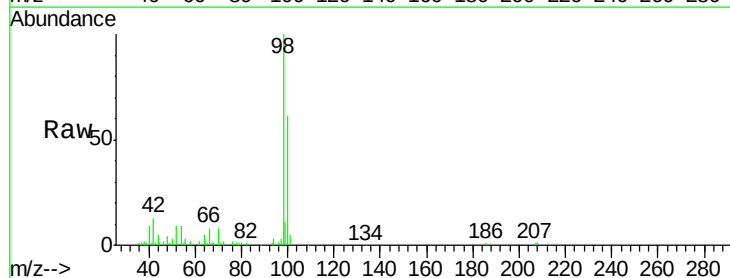
Acq: 22 Feb 2019 15:11

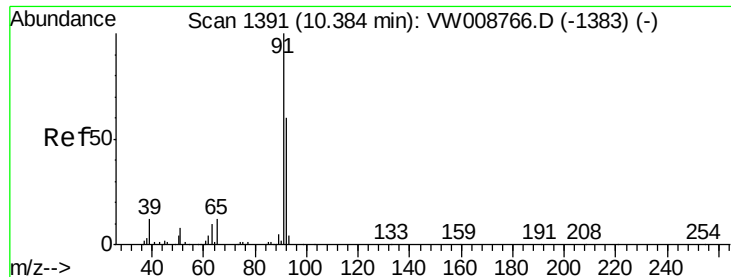
Tgt Ion: 98 Resp: 23010

Ion Ratio Lower Upper

98 100

100 68.0 52.4 78.6





#52

Toluene

Concen: 15.173 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008789.D

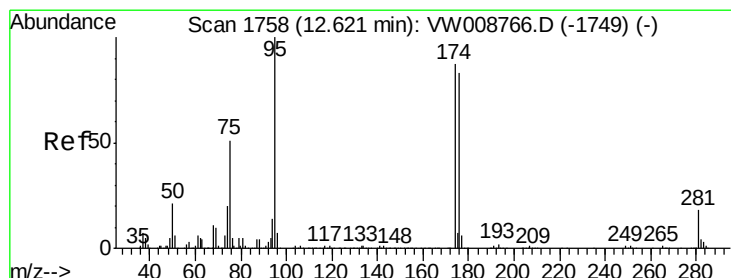
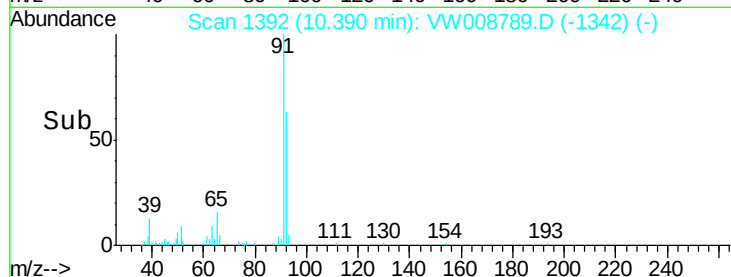
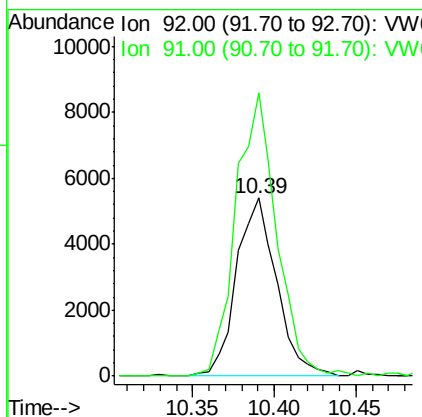
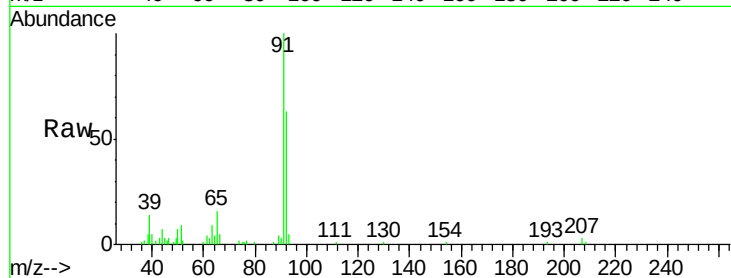
Acq: 22 Feb 2019 15:11

Tot Ion: 92 Resp: 9242

Ion Ratio Lower Upper

92 100

91 161.7 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 26.865 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

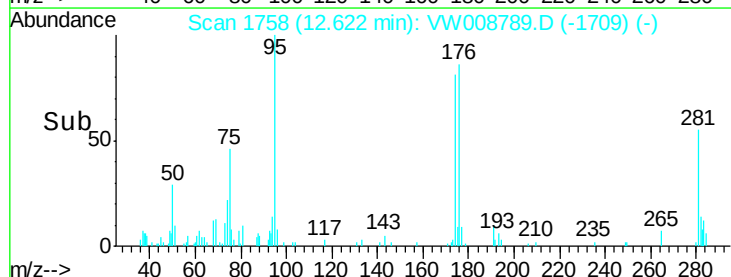
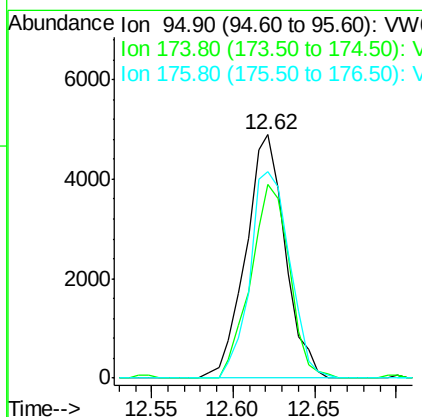
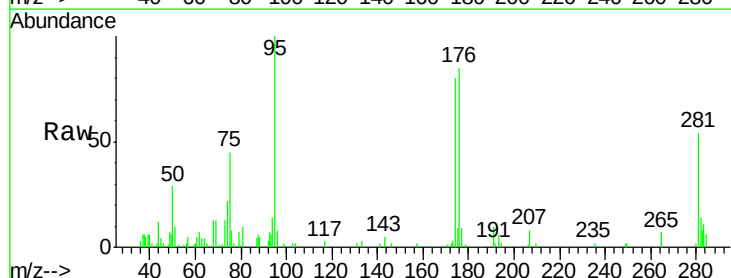
Tgt Ion: 95 Resp: 8233

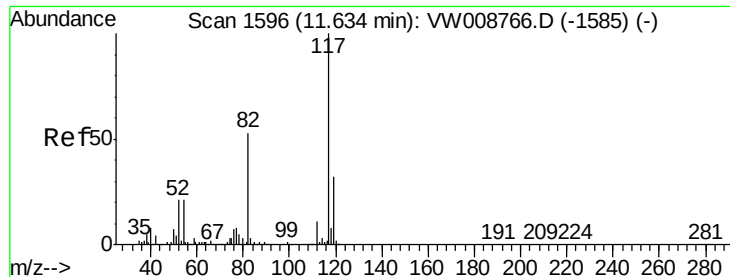
Ion Ratio Lower Upper

95 100

174 78.1 0.0 169.2

176 85.5 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

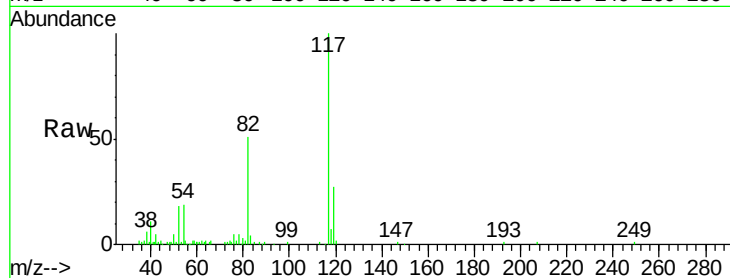
Tot Ion:117 Resp: 24300

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.2	63.4
119	26.8	25.9	38.9

117 100

82 50.6 42.2 63.4

119 26.8 25.9 38.9

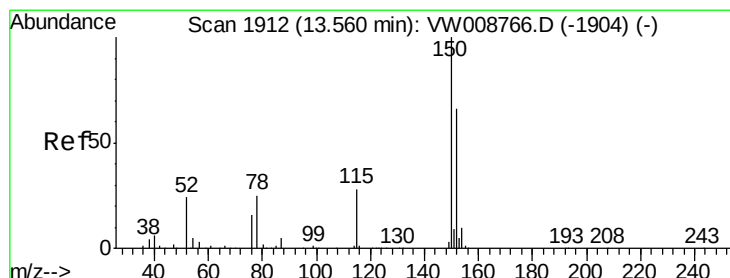
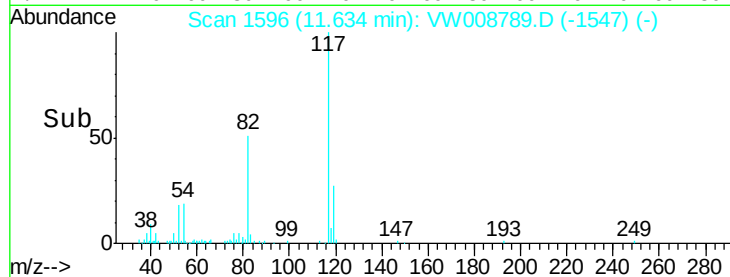
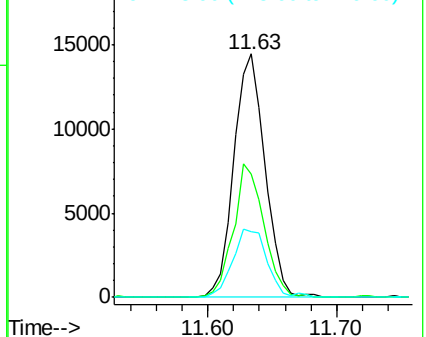


Abundance

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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

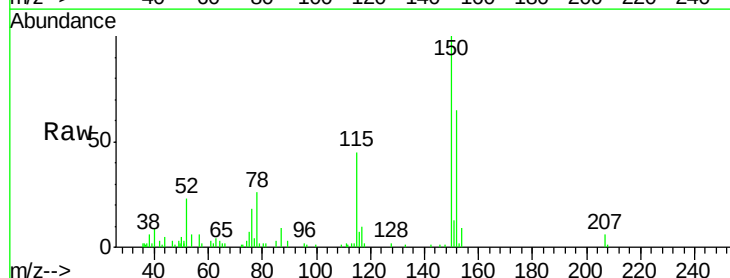
Tgt Ion:152 Resp: 7931

Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.6	85.8
150	154.2	0.0	348.0

152 100

115 54.5 28.6 85.8

150 154.2 0.0 348.0



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

