

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005675.D
 Acq On : 27 Sep 2018 01:01
 Operator : VA/AP
 Sample : J5097-03
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Sep 27 07:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

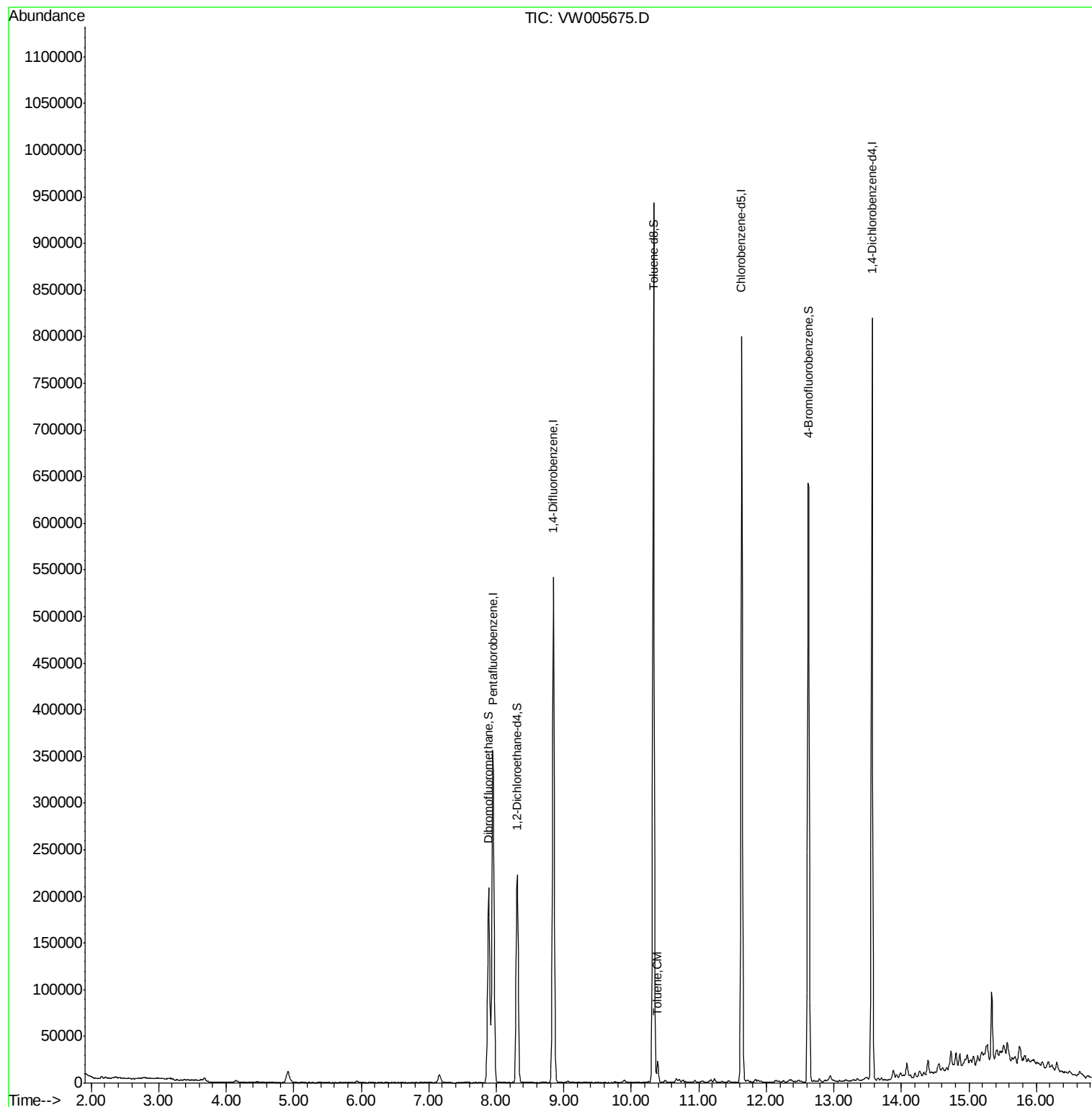
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	440837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	438403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	212485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	180990	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.89	113	147120	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
50) Toluene-d8	10.33	98	605232	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.62	95	216197	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
Target Compounds						
52) Toluene	10.39	92	8870	1.131	ug/l	Qvalue 100

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

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005675.D

Acq: 27 Sep 2018 01:01

Instrument :

MSVOA_W

ClientSampled :

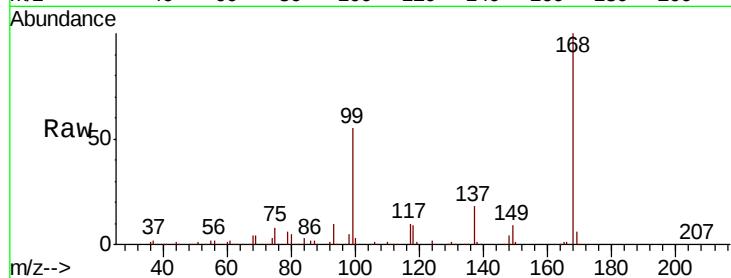
TP-2

Tot Ion:168 Resp: 263382

Ion Ratio Lower Upper

168 100

99 55.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

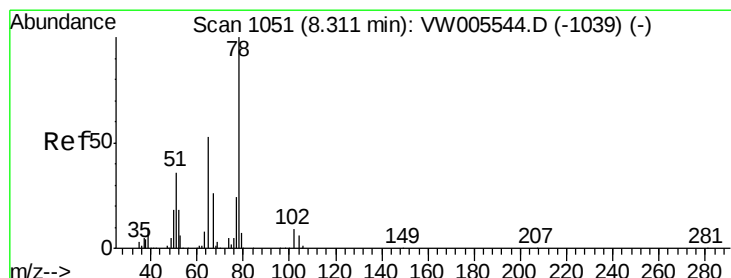
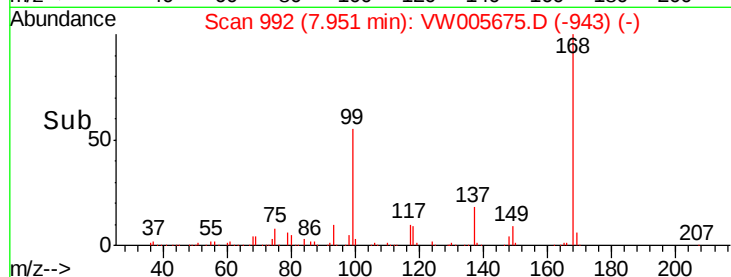
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.331 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005675.D

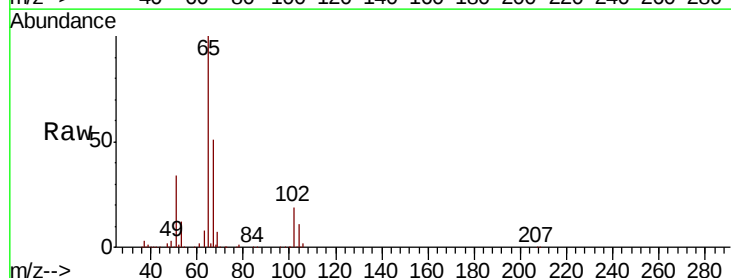
Acq: 27 Sep 2018 01:01

Tgt Ion: 65 Resp: 180990

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

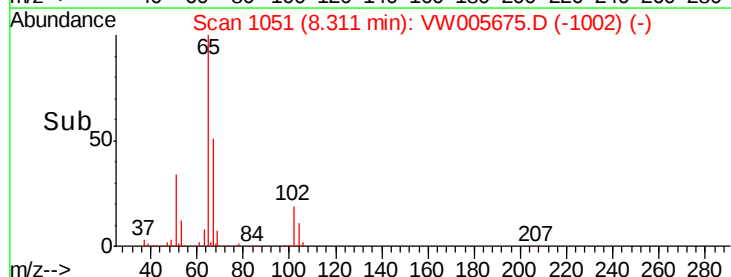
40000

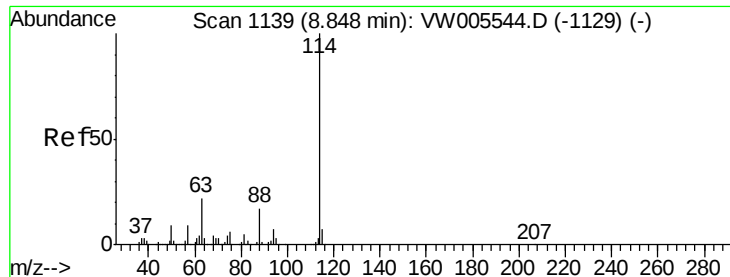
20000

0

8.20 8.30 8.40

Time-->

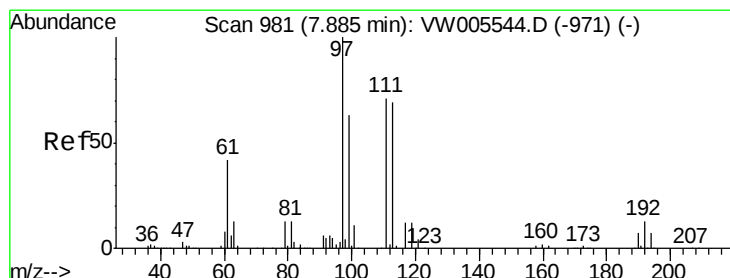
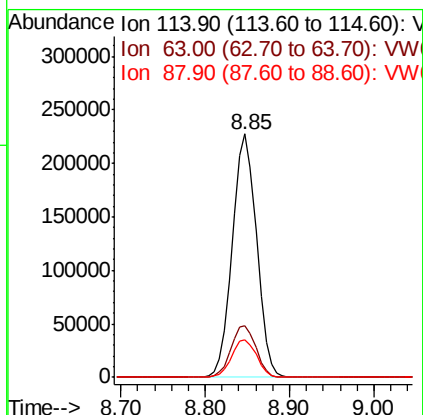
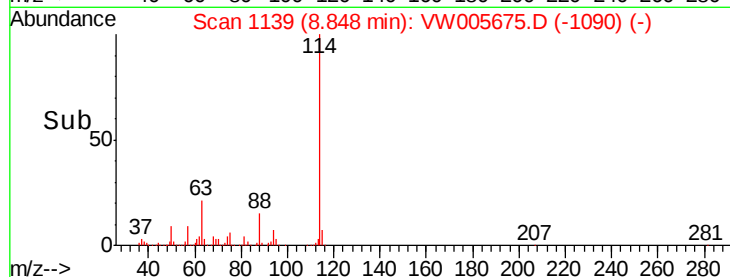
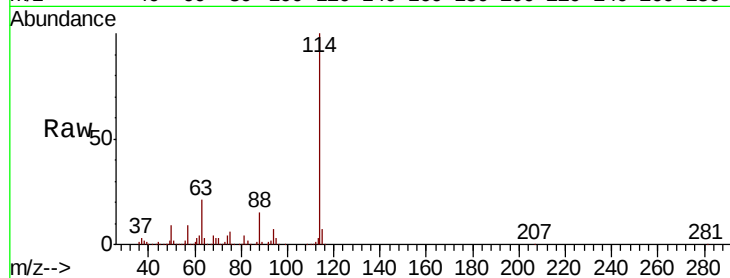




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005675.D
Acq: 27 Sep 2018 01:01

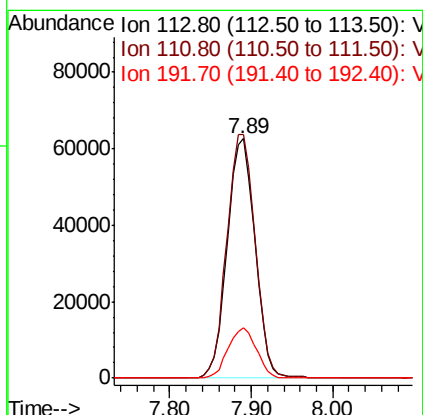
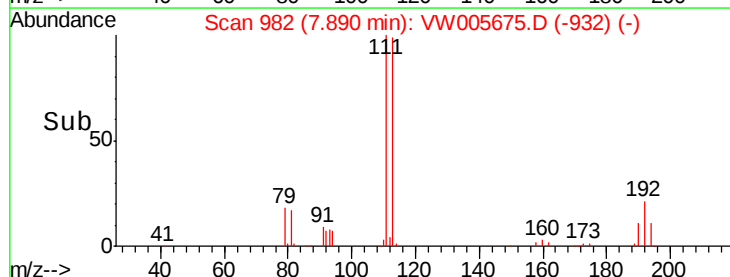
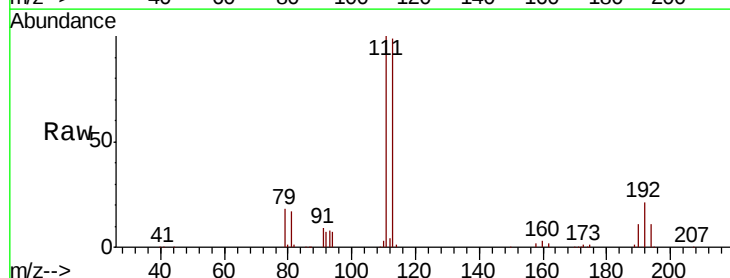
Instrument :
MSVOA_W
ClientSampleId :
TP-2

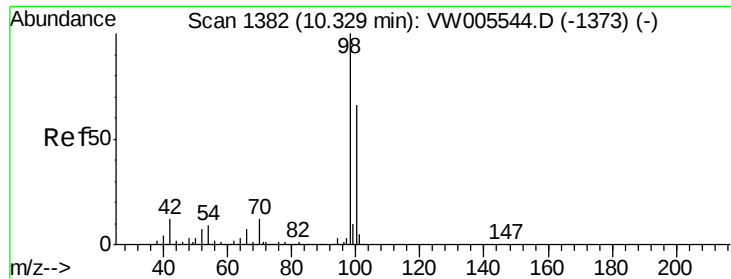
Tot Ion:114 Resp: 440837
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.0
88 15.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.069 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW005675.D
Acq: 27 Sep 2018 01:01

Tgt Ion:113 Resp: 147120
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 21.4 17.0 25.4





#50

Toluene-d8

Concen: 53.617 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005675.D

Acq: 27 Sep 2018 01:01

Instrument :

MSVOA_W

ClientSampled :

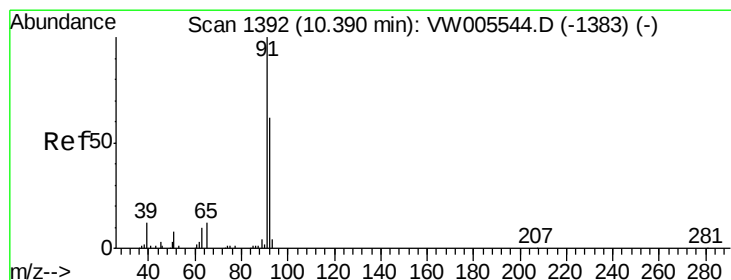
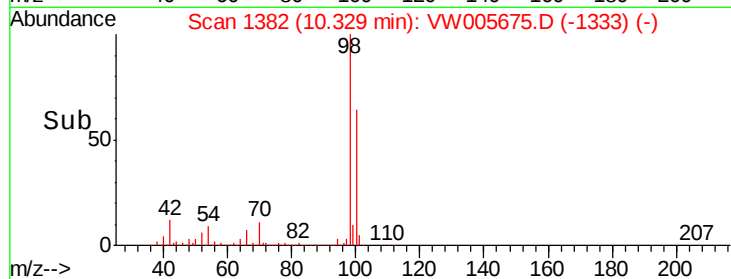
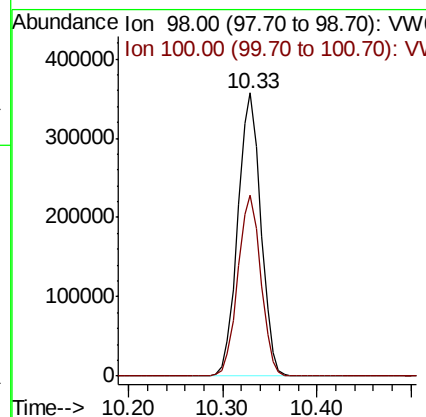
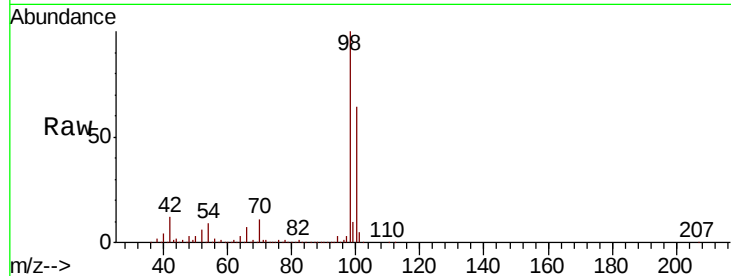
TP-2

Tot Ion: 98 Resp: 605232

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#52

Toluene

Concen: 1.131 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005675.D

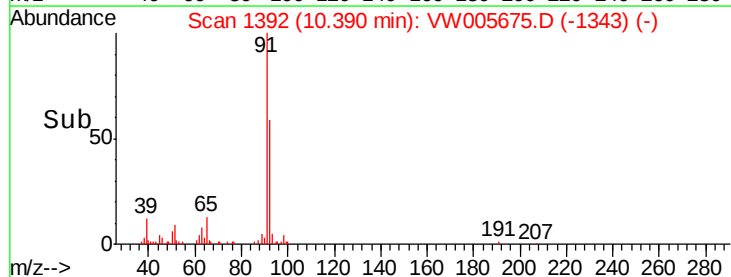
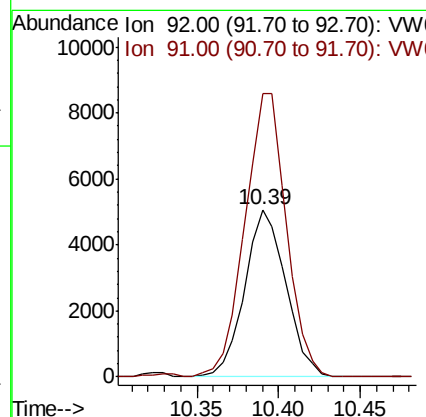
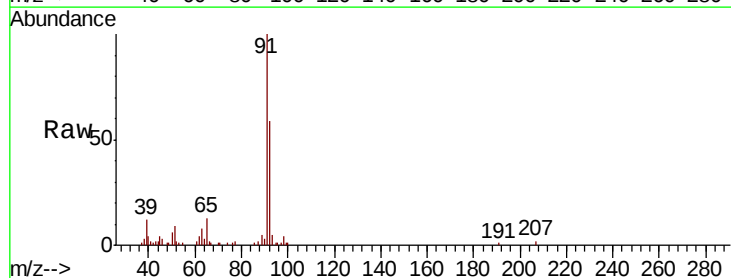
Acq: 27 Sep 2018 01:01

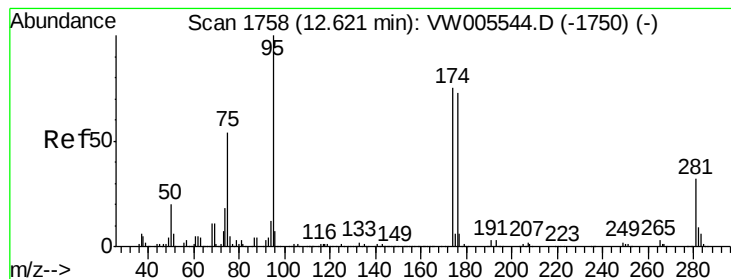
Tgt Ion: 92 Resp: 8870

Ion Ratio Lower Upper

92 100

91 170.9 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 51.761 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005675.D

Acq: 27 Sep 2018 01:01

Instrument :

MSVOA_W

ClientSampled :

TP-2

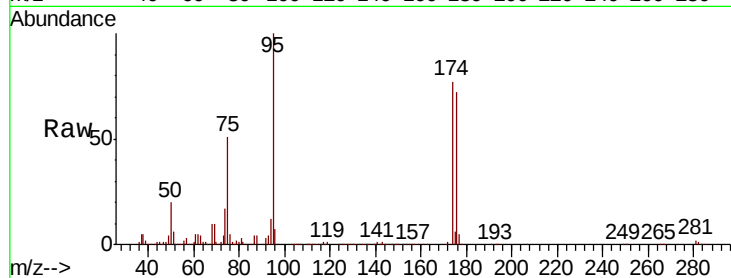
Tot Ion: 95 Resp: 216197

Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.8

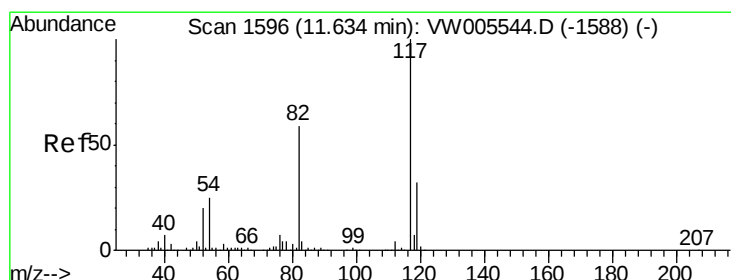
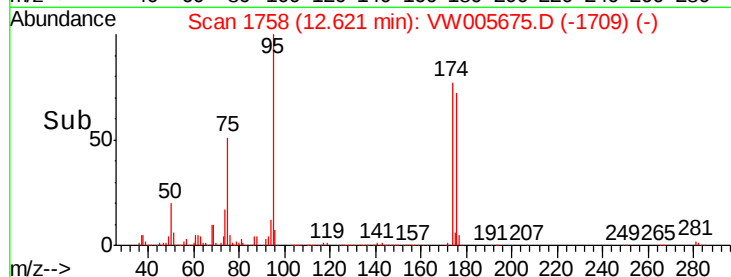
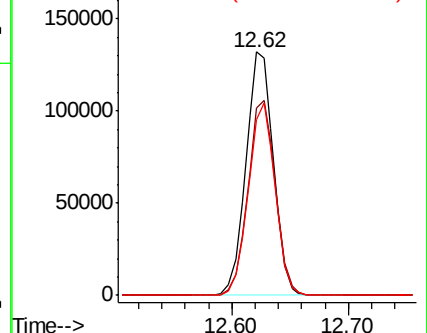
176 77.4 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005675.D

Acq: 27 Sep 2018 01:01

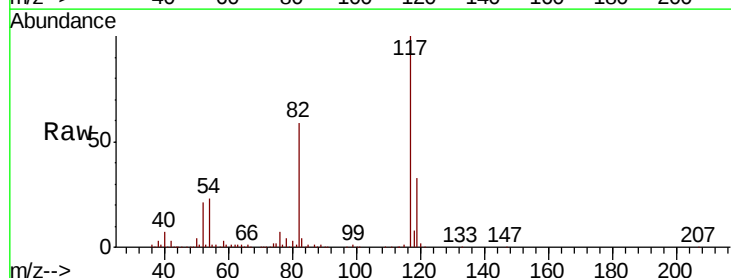
Tgt Ion: 117 Resp: 438403

Ion Ratio Lower Upper

117 100

82 58.6 46.9 70.3

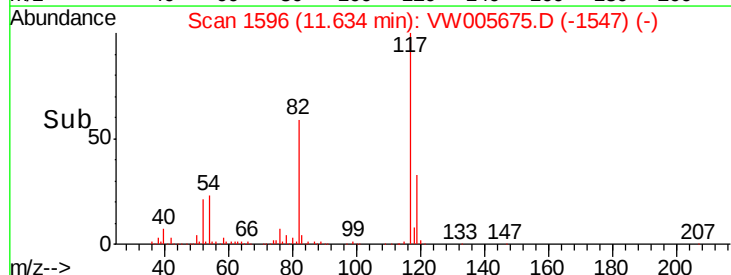
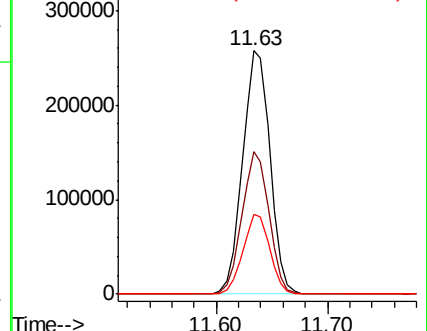
119 32.6 25.7 38.5

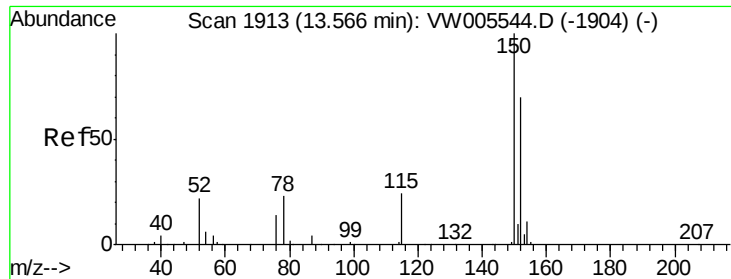


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005675.D

Acq: 27 Sep 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

TP-2

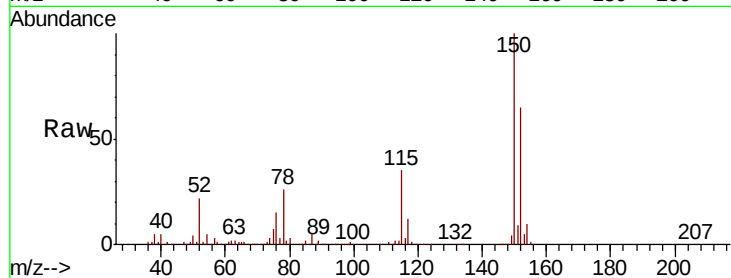
Tot Ion:152 Resp: 212485

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 154.2 0.0 348.6



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

