

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005914.D
 Acq On : 09 Oct 2018 01:28
 Operator : SY/AP
 Sample : J5302-04
 Misc : 5.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-4-(15.5-17)

Quant Time: Oct 09 08:02:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

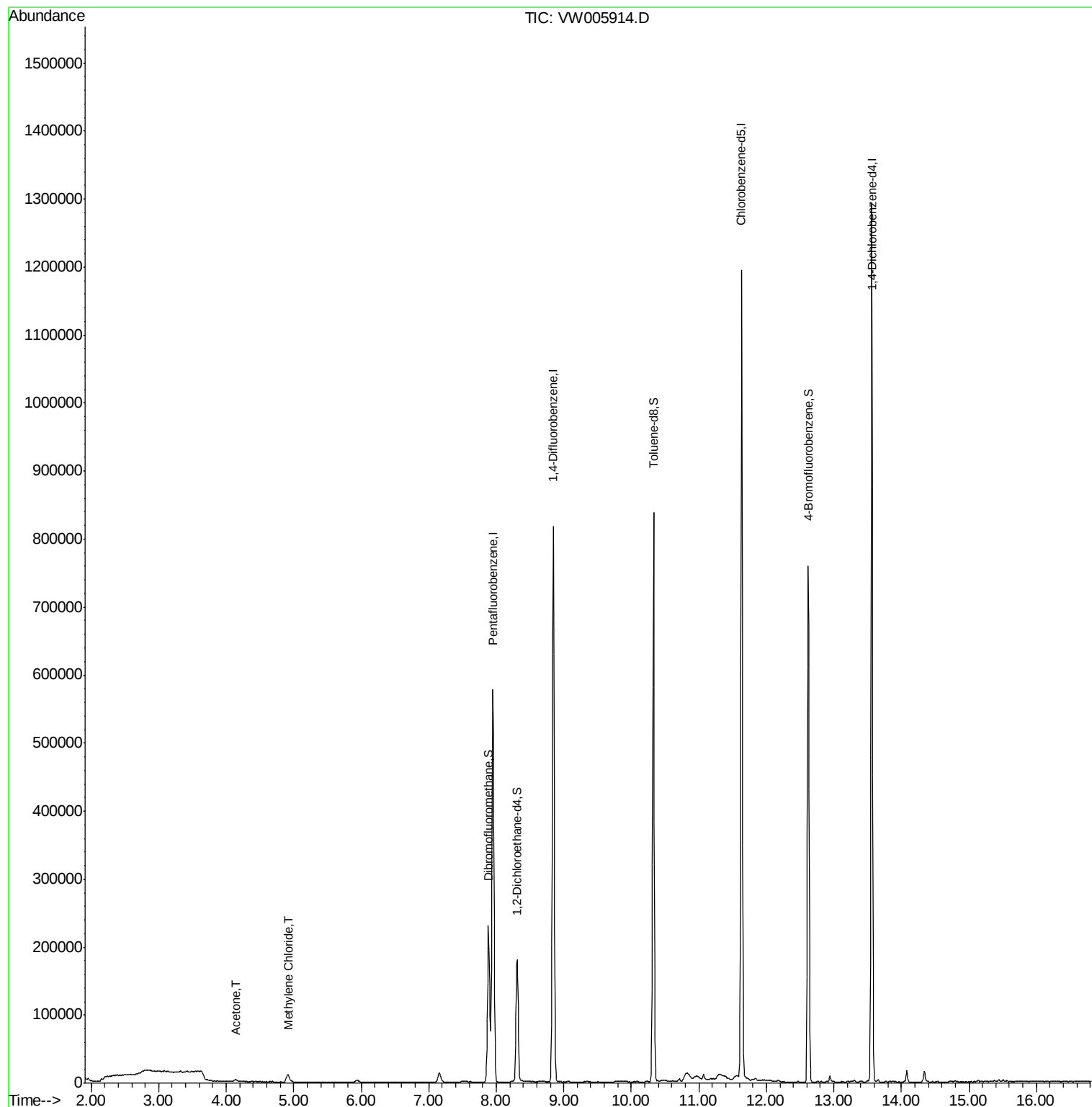
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	465723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	721157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	662319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	353518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141087	31.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.42%	
35) Dibromofluoromethane	7.88	113	159596	34.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.32%	
50) Toluene-d8	10.33	98	560067	31.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.24%	
62) 4-Bromofluorobenzene	12.62	95	221787	32.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.82%	
Target Compounds						
16) Acetone	4.15	43	5947	6.59	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	9057	2.00	ug/l	96

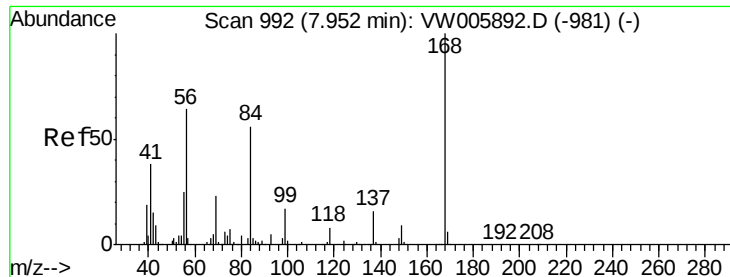
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005914.D

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Instrument :

MSVOA_W

ClientSampleId :

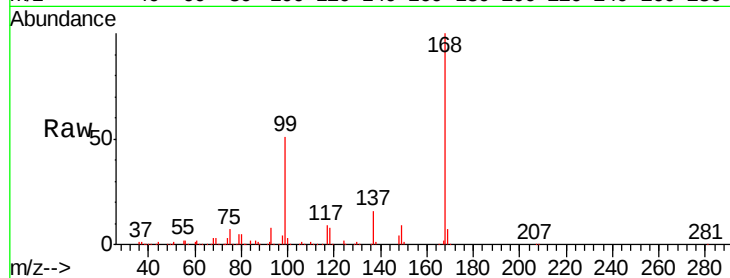
SB-TW-4-(15.5-17)

Tgt Ion:168 Resp: 465723

Ion Ratio Lower Upper

168 100

99 50.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

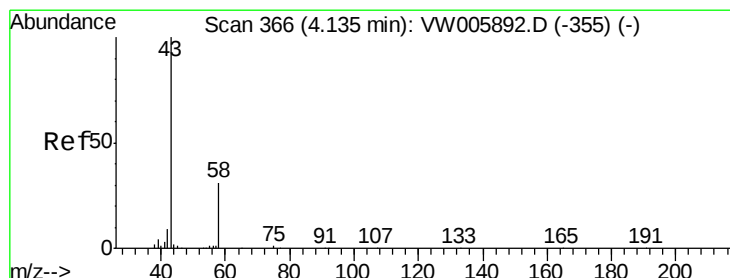
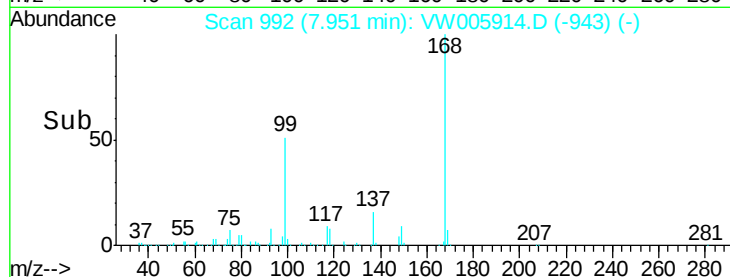
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.59 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005914.D

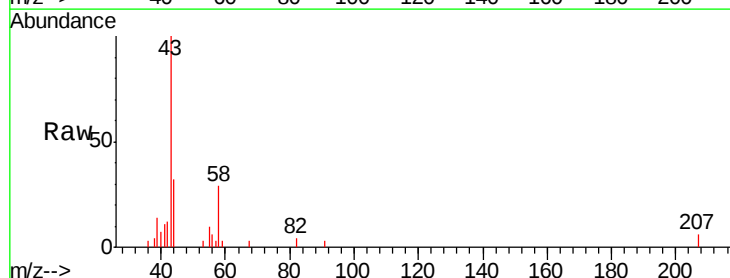
Acq: 09 Oct 2018 01:28

Tgt Ion: 43 Resp: 5947

Ion Ratio Lower Upper

43 100

58 31.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2000

1500

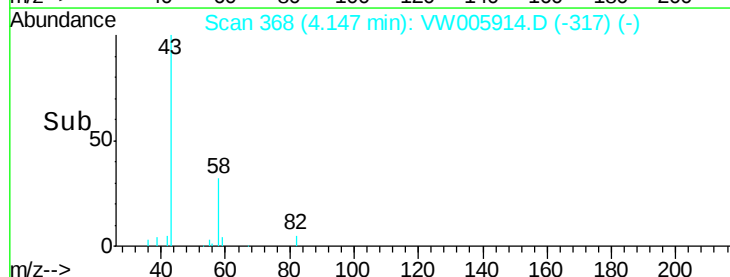
1000

500

0

Time-->

4.10 4.20





#20

Methylene Chloride

Concen: 2.00 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-4-(15.5-17)

Tgt Ion: 84 Resp: 9057

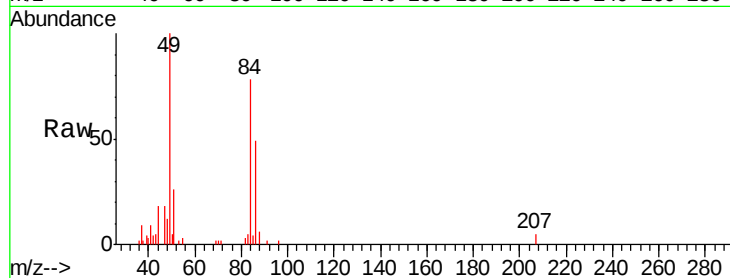
Ion Ratio Lower Upper

84 100

49 127.5 99.9 149.9

51 33.5 31.1 46.7

86 62.1 51.8 77.6

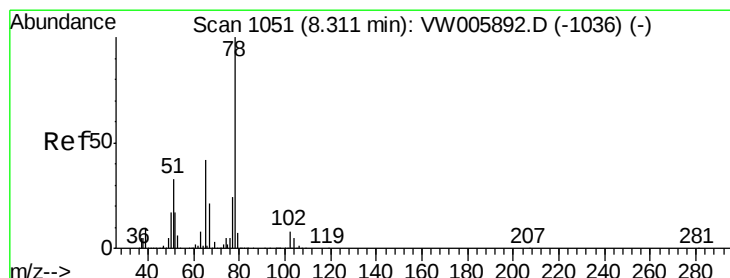
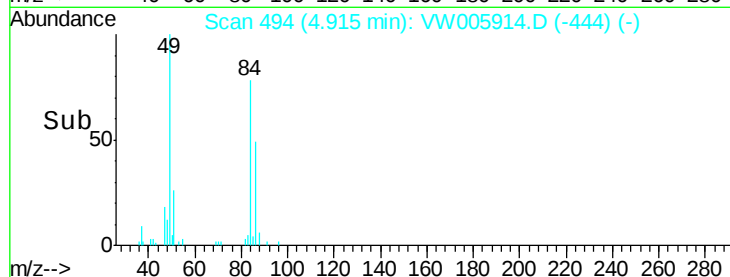
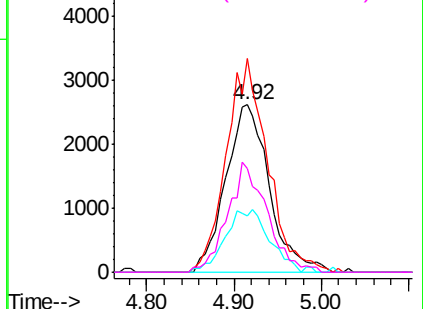


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 31.21 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005914.D

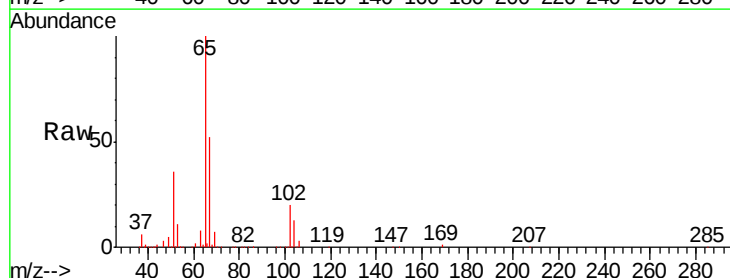
Acq: 09 Oct 2018 01:28

Tgt Ion: 65 Resp: 141087

Ion Ratio Lower Upper

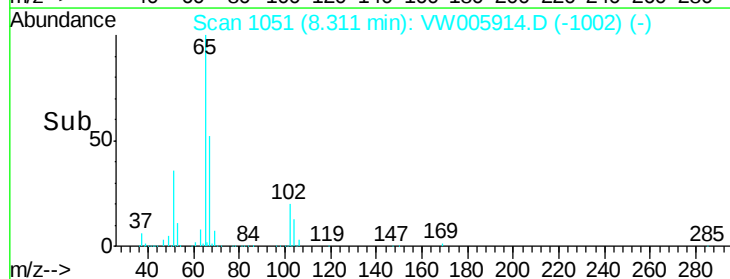
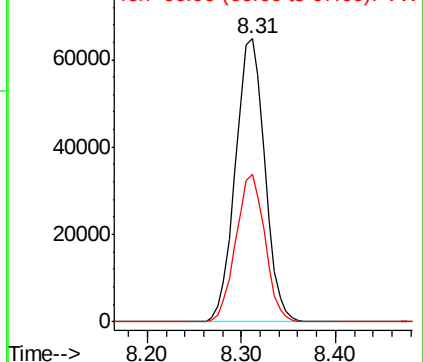
65 100

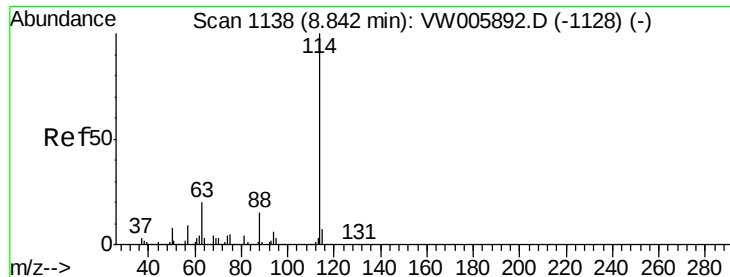
67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

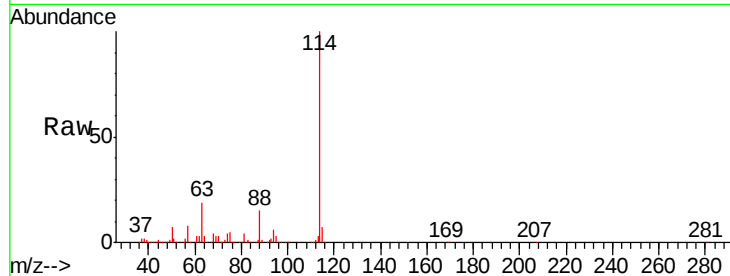




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-4-(15.5-17)

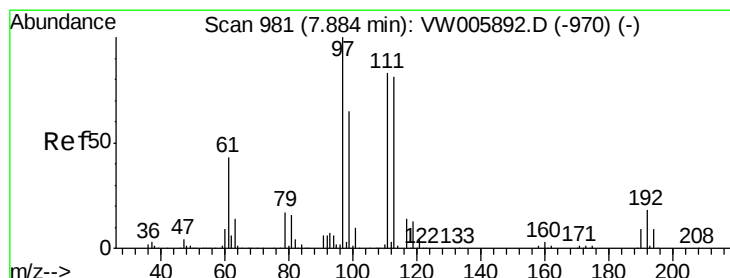
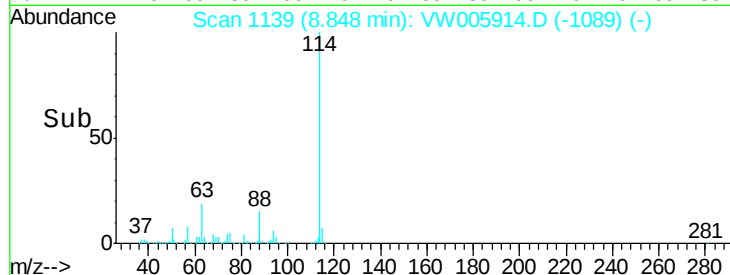
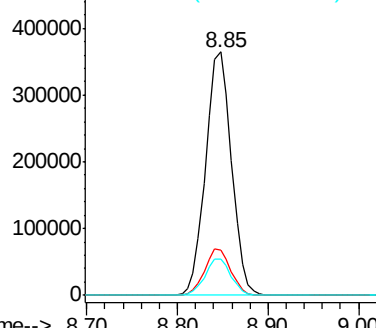
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	14.9	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

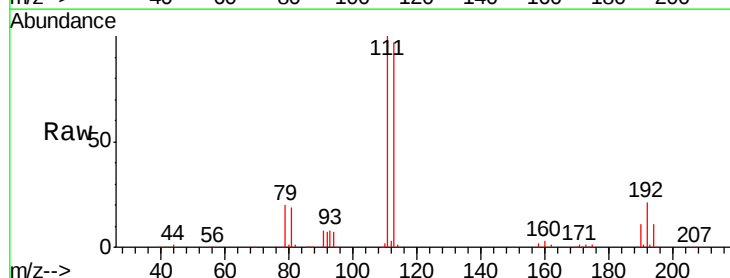
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 34.66 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

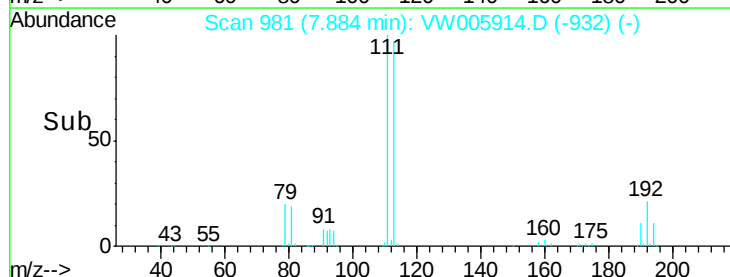
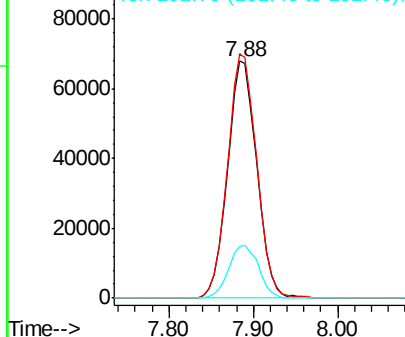
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	22.8	18.3	27.5

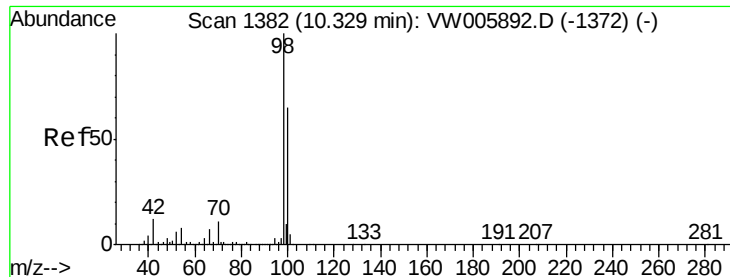


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.62 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

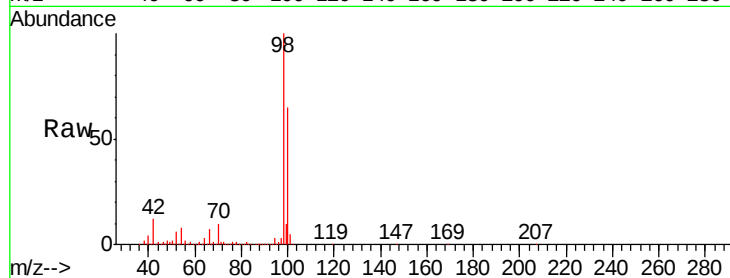
SB-TW-4-(15.5-17)

Tgt Ion: 98 Resp: 560067

Ion Ratio Lower Upper

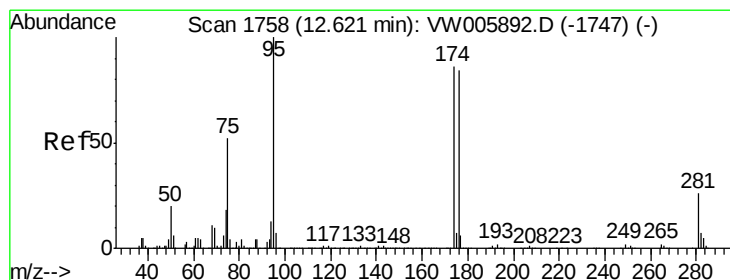
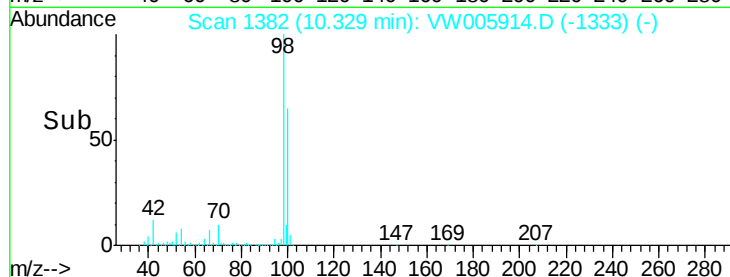
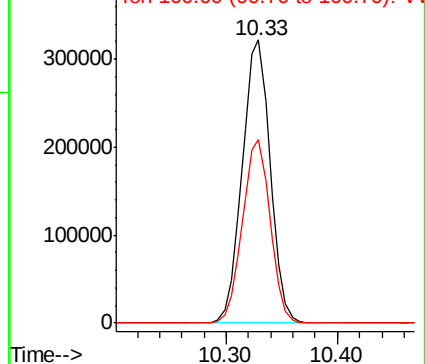
98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 32.91 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

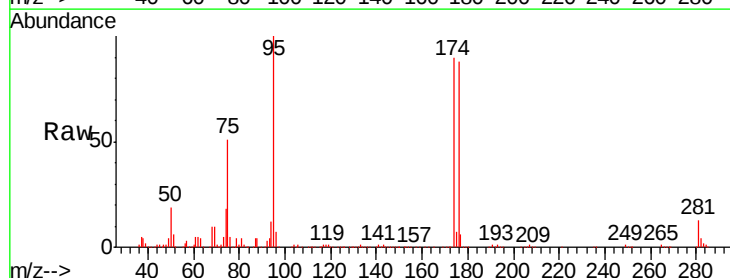
Tgt Ion: 95 Resp: 221787

Ion Ratio Lower Upper

95 100

174 91.9 0.0 176.4

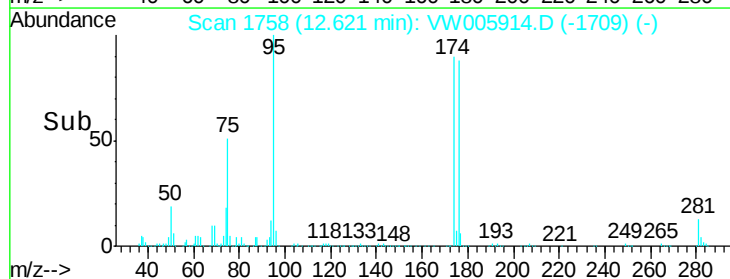
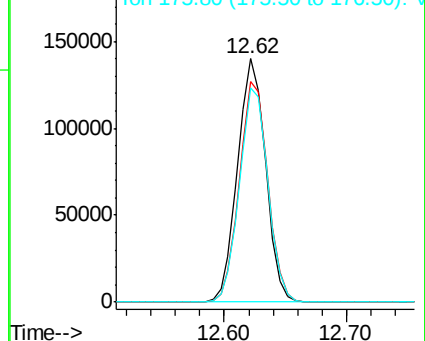
176 89.4 0.0 173.0

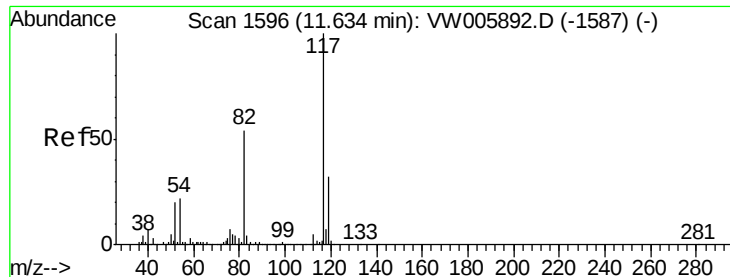


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Instrument :

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ClientSampleId :

SB-TW-4-(15.5-17)

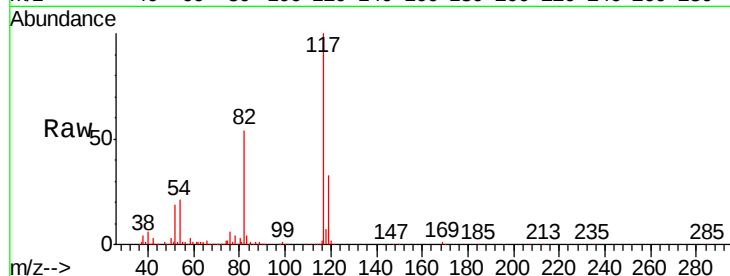
Tgt Ion:117 Resp: 662319

Ion Ratio Lower Upper

117 100

82 53.7 43.5 65.3

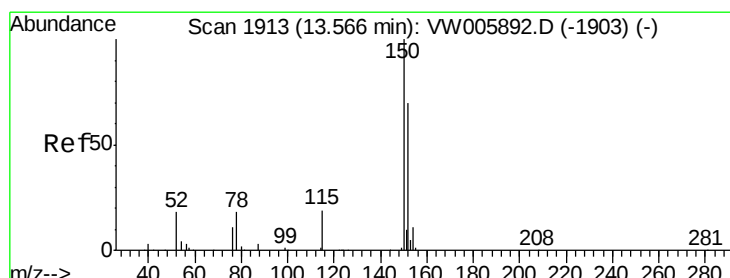
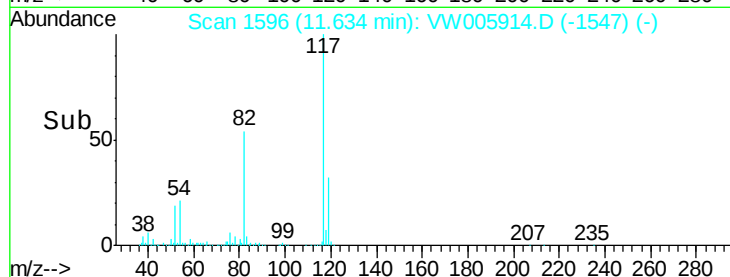
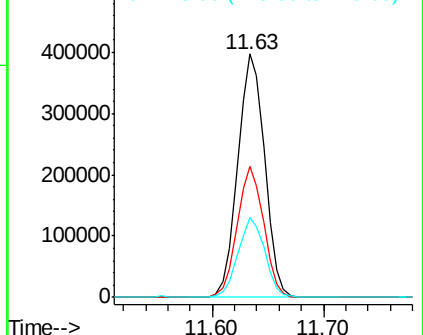
119 32.5 25.4 38.2



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: VW005914.D

Acq: 09 Oct 2018 01:28

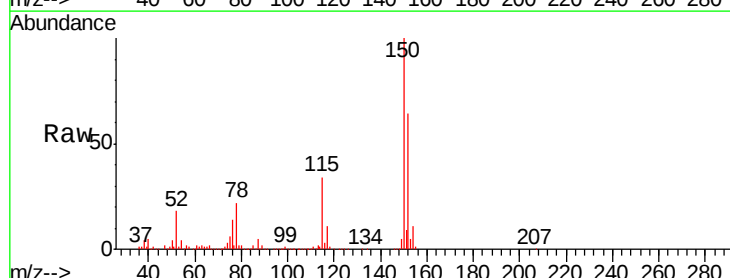
Tgt Ion:152 Resp: 353518

Ion Ratio Lower Upper

152 100

115 54.7 28.3 85.0

150 156.0 0.0 349.2



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

