

Data File : VW006086.D
Acq On : 16 Oct 2018 18:27
Operator : VA/AP
Sample : J5526-08
Misc : 6.45G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-8

Quant Time: Oct 17 01:27:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

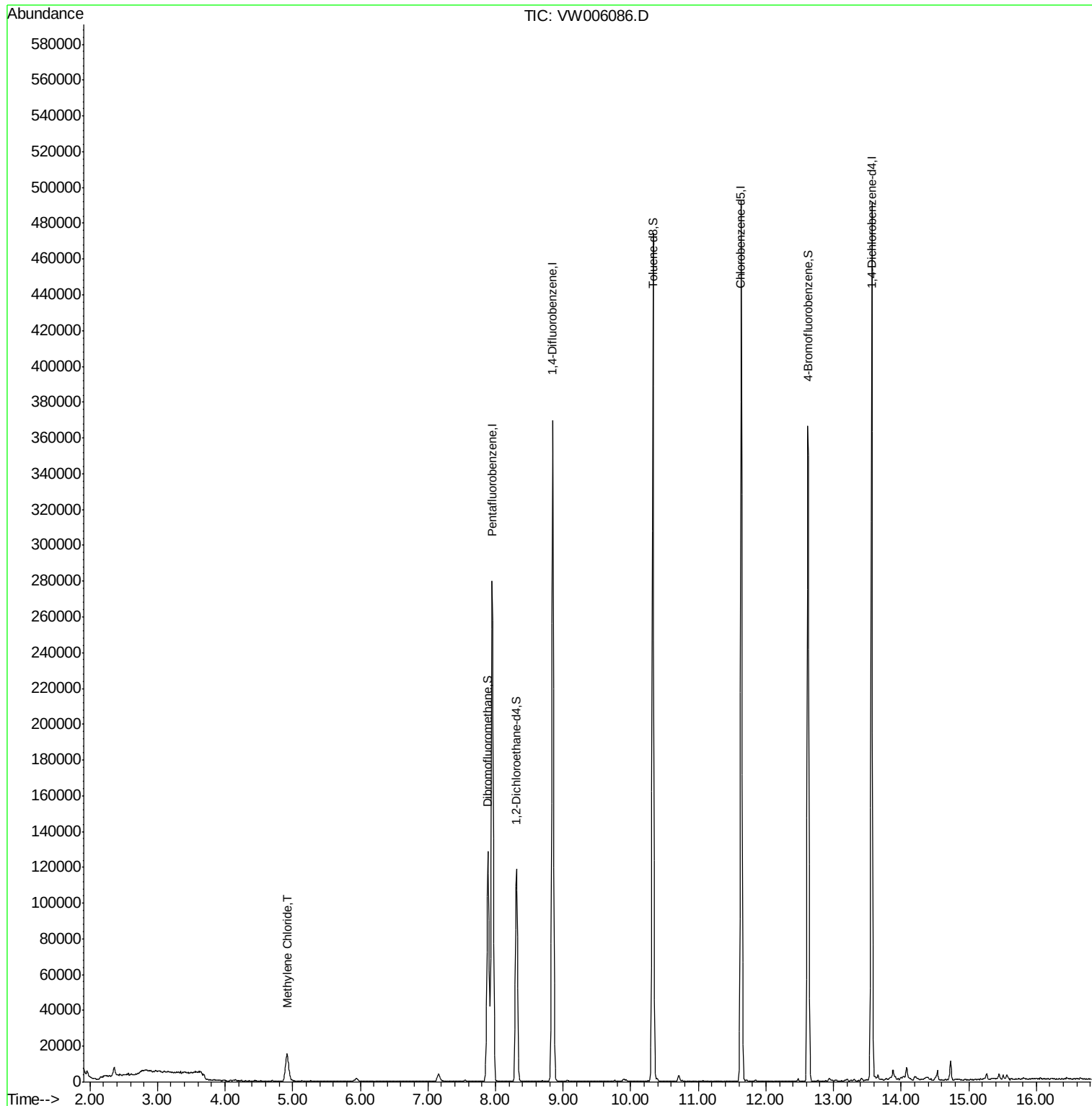
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	133775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	94655	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.89	113	89575	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	10.33	98	322175	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.62	95	111406	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
Target Compounds						
20) Methylene Chloride	4.92	84	12938	5.116	ug/l	Qvalue 99

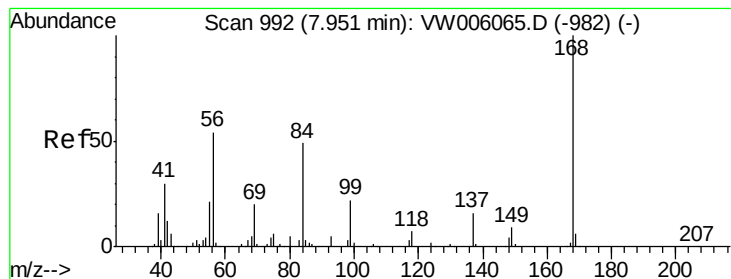
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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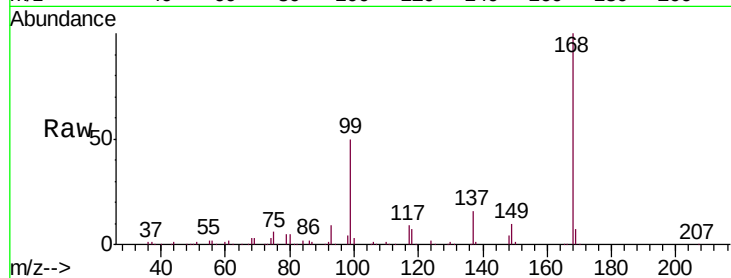
SUP-4B-G-101518-8

Tgt Ion:168 Resp: 224231

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

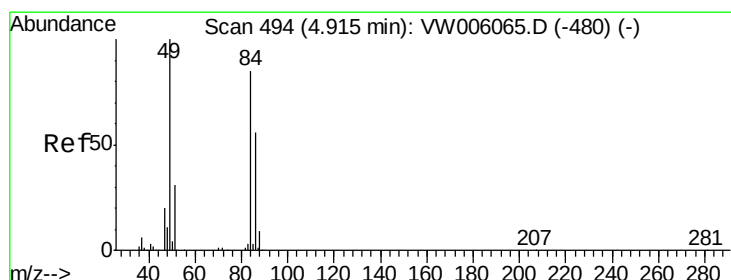
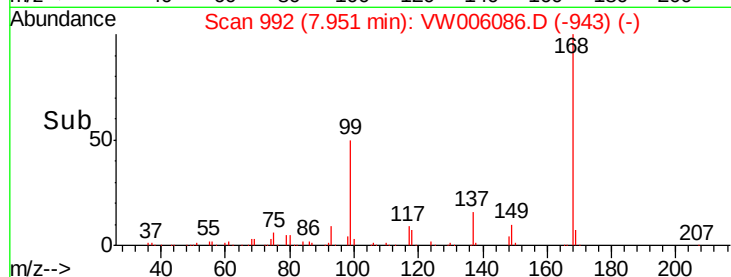
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.116 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Tgt Ion: 84 Resp: 12938

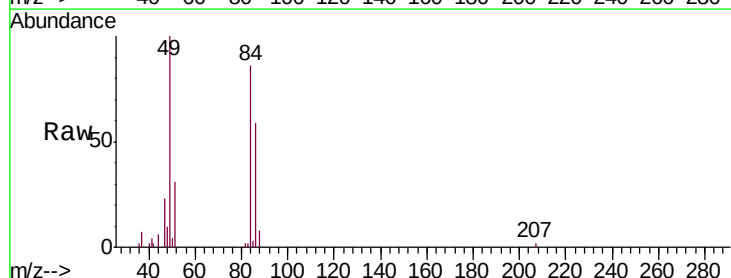
Ion Ratio Lower Upper

84 100

49 116.9 93.6 140.4

51 36.7 29.0 43.4

86 68.8 52.6 79.0



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

4.92

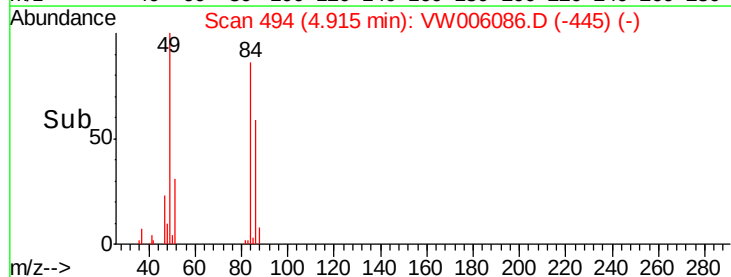
6000

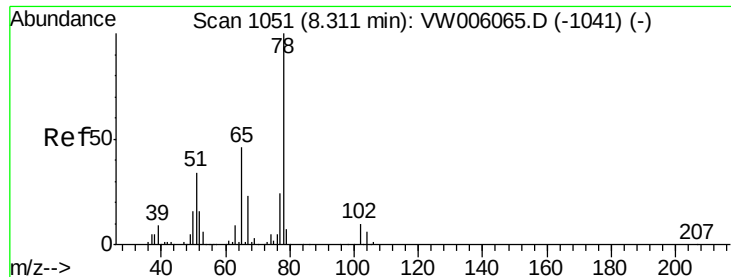
4000

2000

0

Time-->

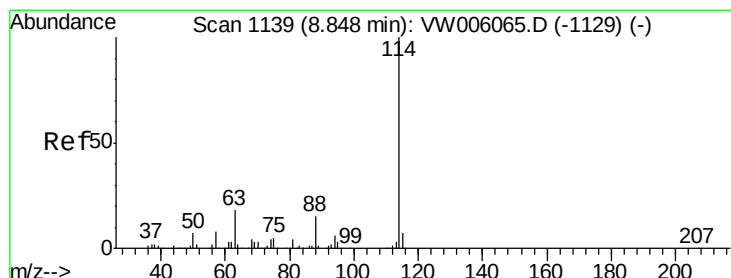
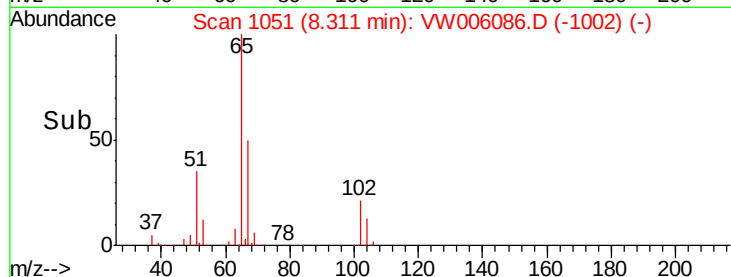
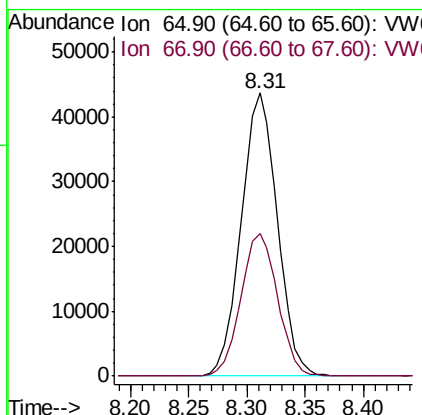
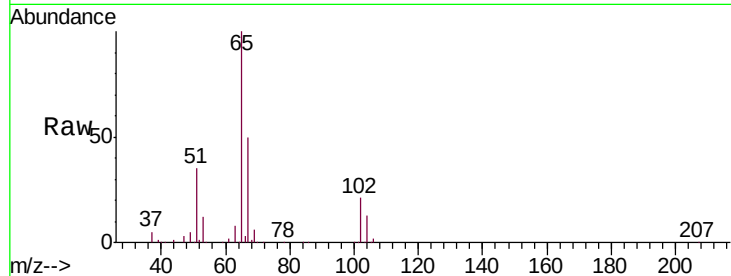




#33
 1,2-Dichloroethane-d4
 Concen: 50.917 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006086.D
 Acq: 16 Oct 2018 18:27

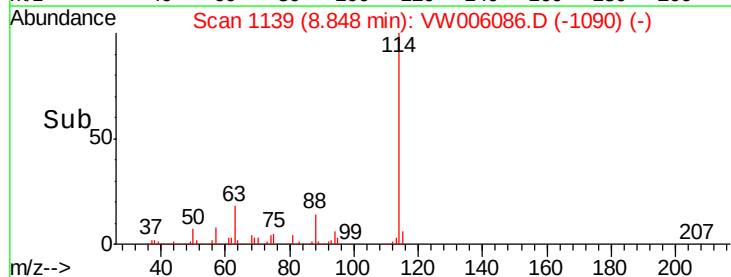
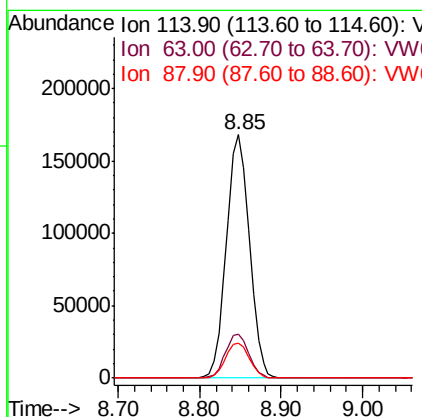
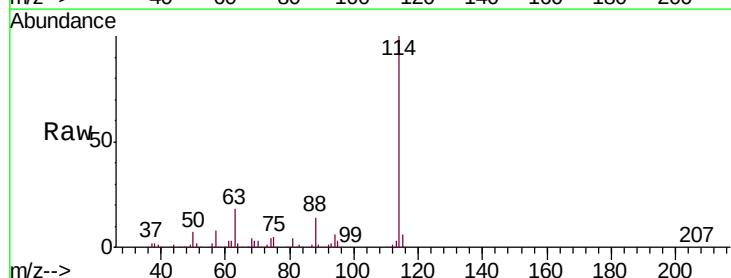
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-8

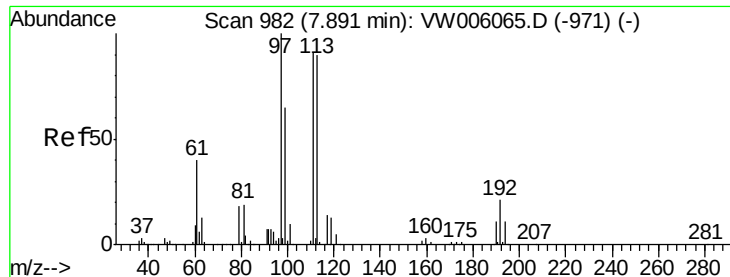
Tgt Ion: 65 Resp: 94655
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006086.D
 Acq: 16 Oct 2018 18:27

Tgt Ion: 114 Resp: 326453
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.436 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-8

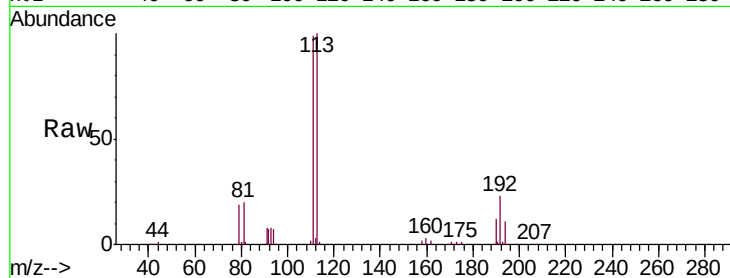
Tgt Ion:113 Resp: 89575

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

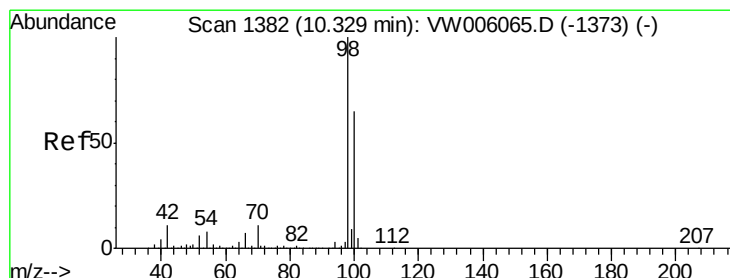
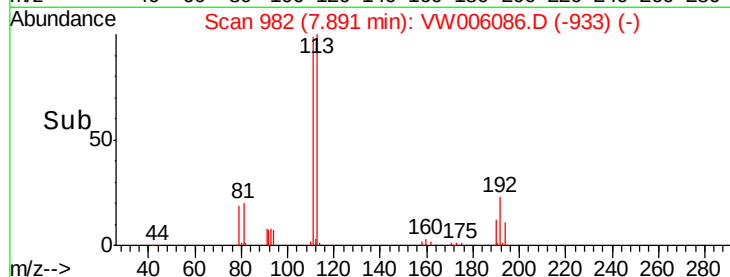
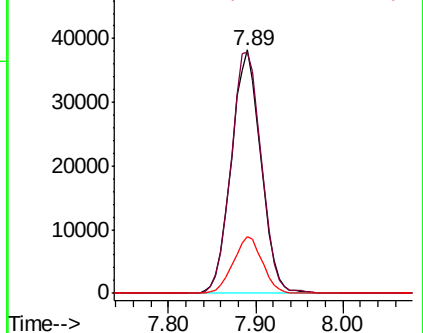
192 22.9 18.7 28.1



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: 43.900 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006086.D

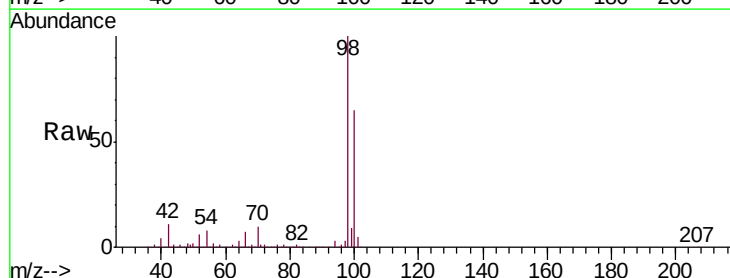
Acq: 16 Oct 2018 18:27

Tgt Ion: 98 Resp: 322175

Ion Ratio Lower Upper

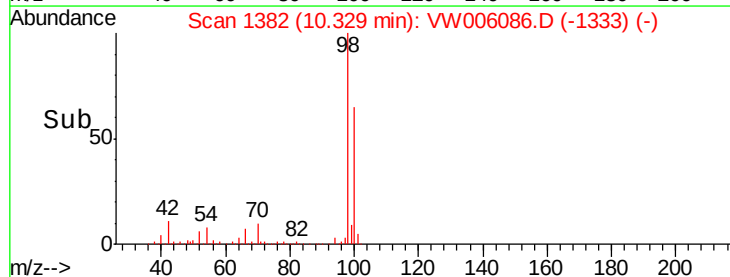
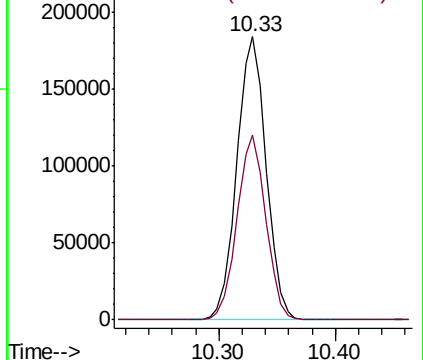
98 100

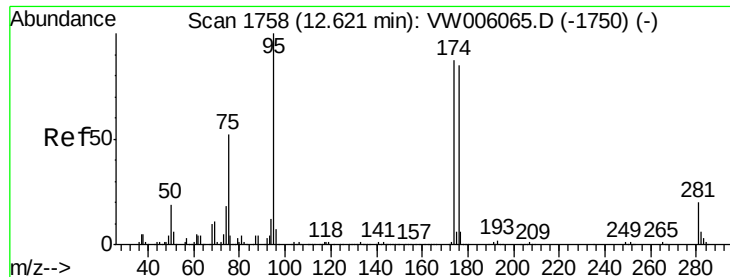
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.417 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-8

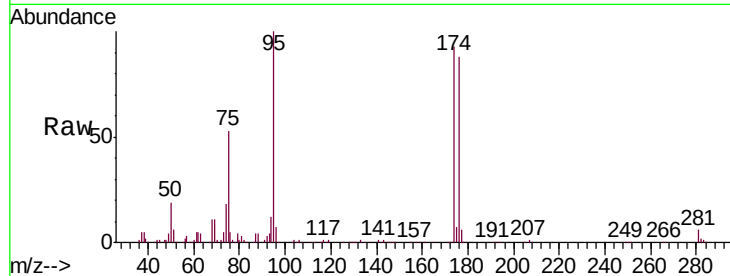
Tgt Ion: 95 Resp: 111406

Ion Ratio Lower Upper

95 100

174 95.2 0.0 186.0

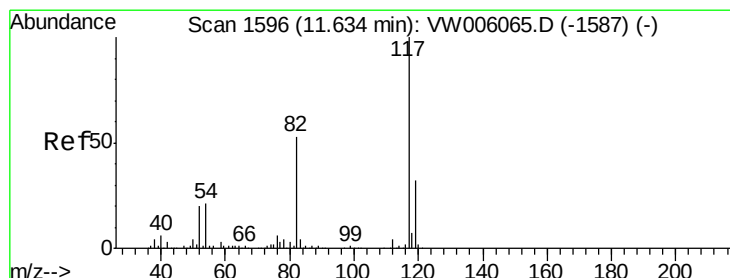
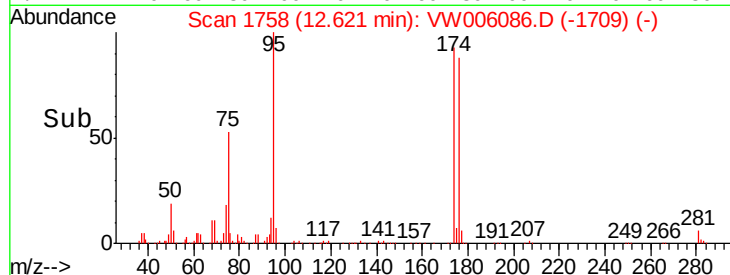
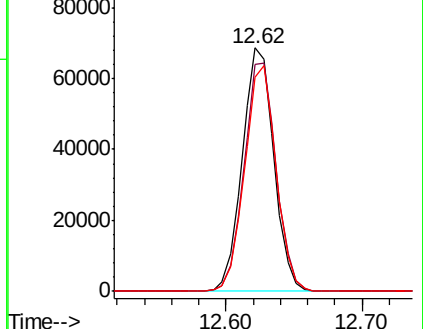
176 92.1 0.0 181.6



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: VW006086.D

Acq: 16 Oct 2018 18:27

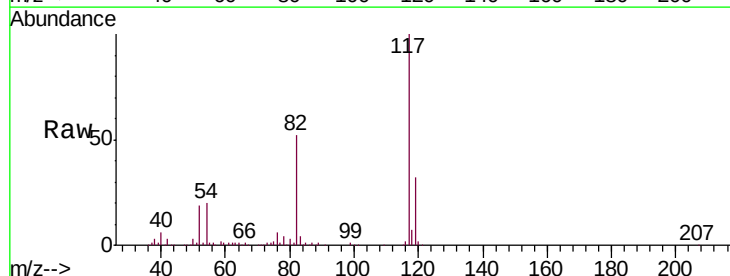
Tgt Ion: 117 Resp: 283261

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

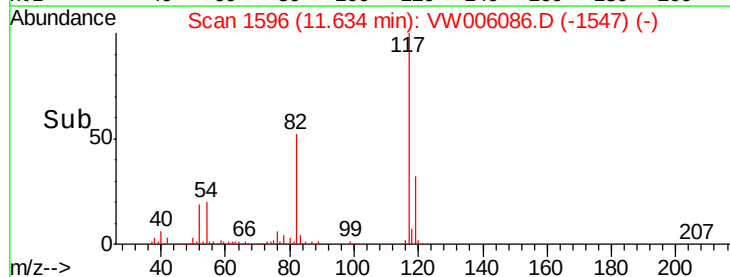
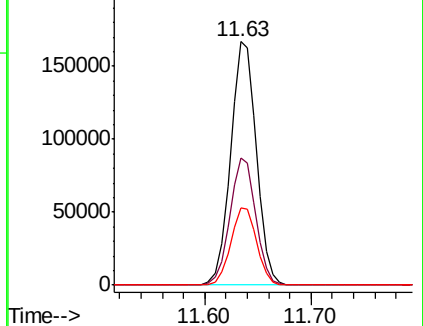
119 31.7 25.8 38.6

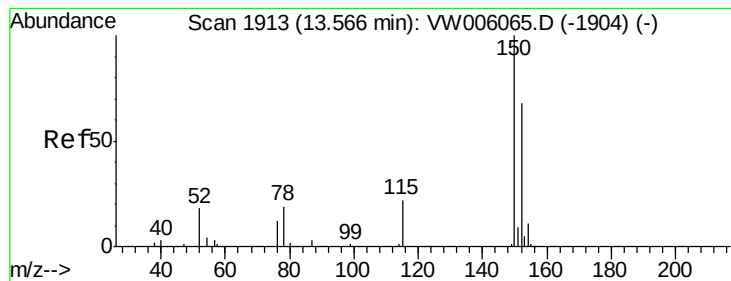


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-8

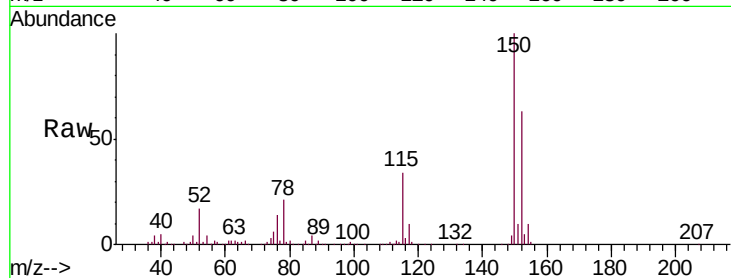
Tgt Ion:152 Resp: 133775

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

150 157.6 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

