

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006127.D
 Acq On : 17 Oct 2018 15:36
 Operator : VA/AP
 Sample : J5526-18
 Misc : 7.5G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-3

Quant Time: Oct 18 11:15:30 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

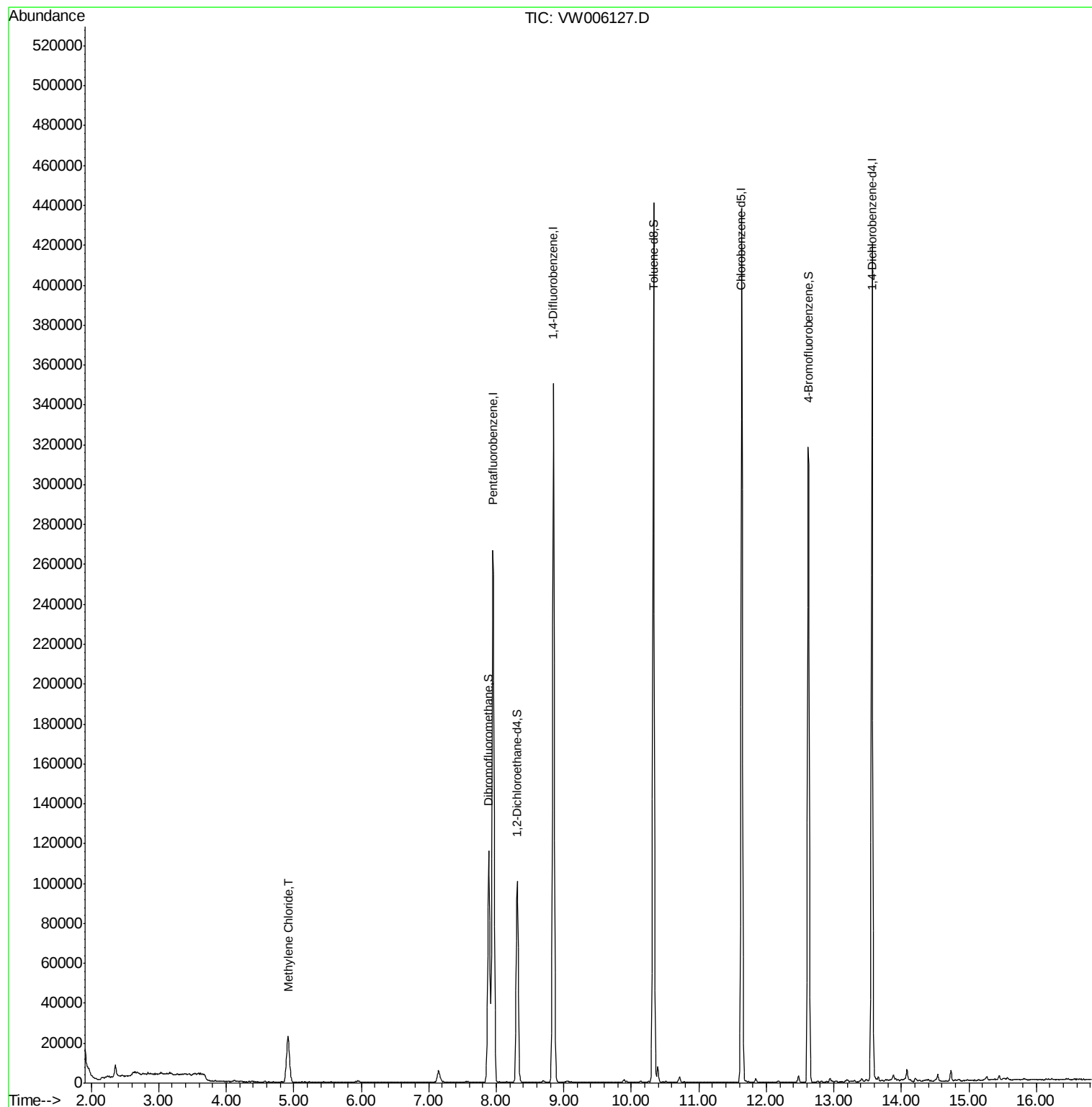
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	302691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79909	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	7.89	113	79822	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	10.33	98	299502	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
62) 4-Bromofluorobenzene	12.62	95	97896	38.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.60%	
Target Compounds						
20) Methylene Chloride	4.92	84	18404	8.373	ug/l	Qvalue 97

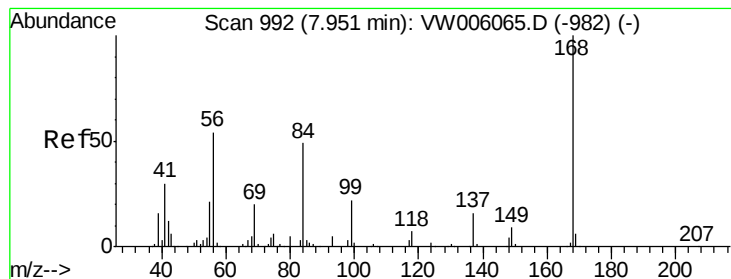
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_W

ClientSampleId :

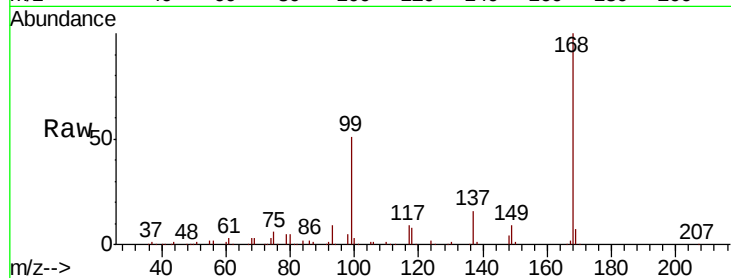
SUP-4A-G-101518-3

Tot Ion:168 Resp: 215659

Ion Ratio Lower Upper

168 100

99 51.1 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

100000

80000

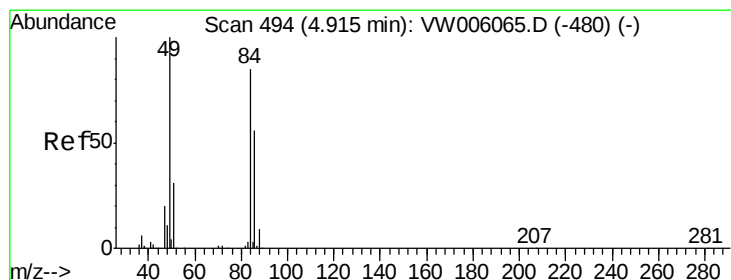
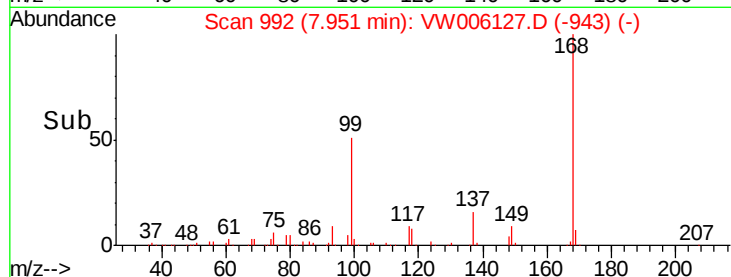
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.373 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Tgt Ion: 84 Resp: 18404

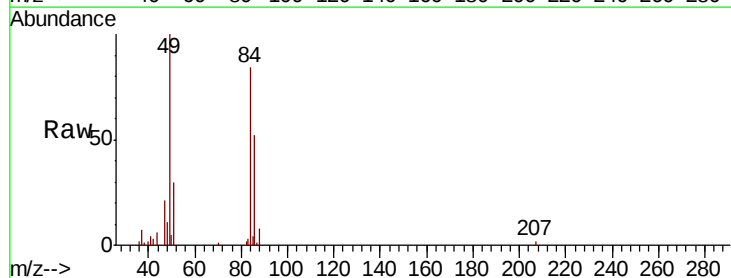
Ion Ratio Lower Upper

84 100

49 118.7 93.6 140.4

51 35.3 29.0 43.4

86 61.6 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

10000

8000

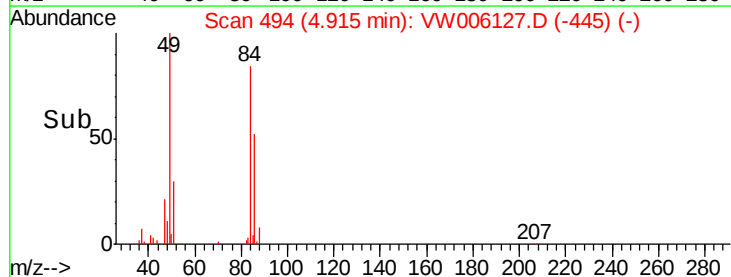
6000

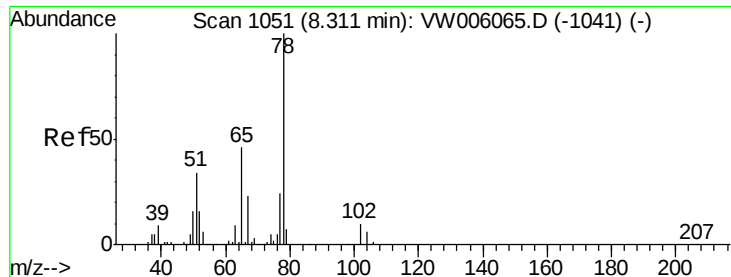
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.694 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

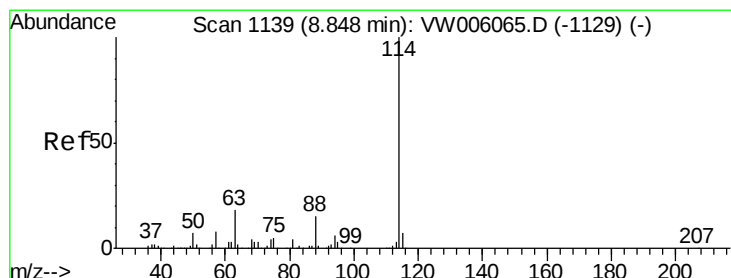
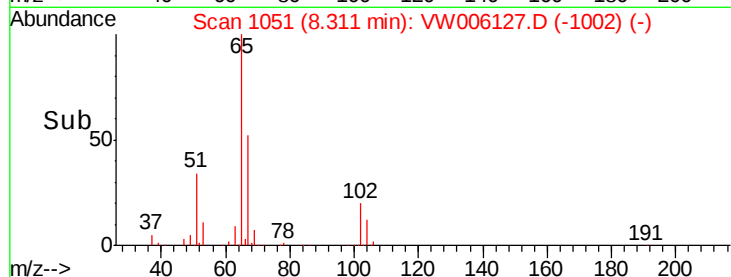
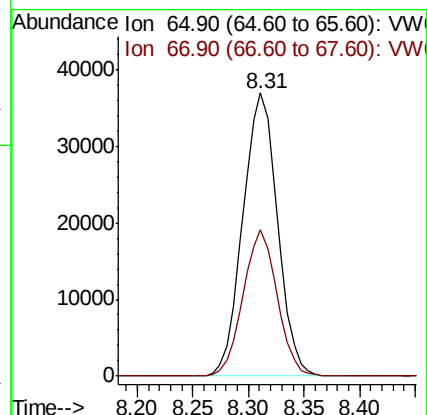
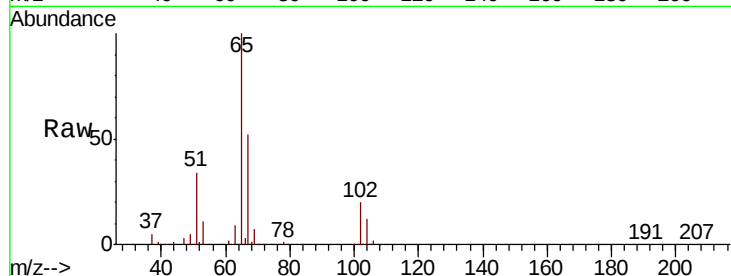
SUP-4A-G-101518-3

Tot Ion: 65 Resp: 79909

Ion Ratio Lower Upper

65 100

67 50.8 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: VW006127.D

Acq: 17 Oct 2018 15:36

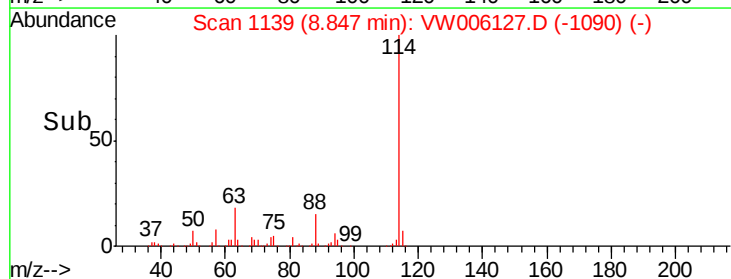
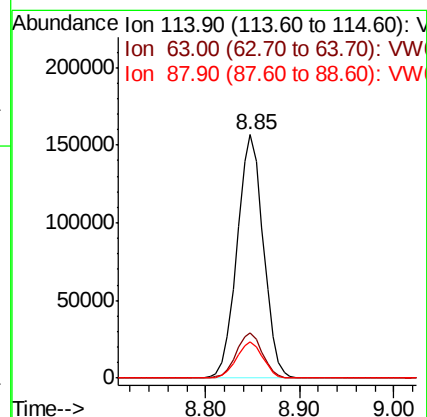
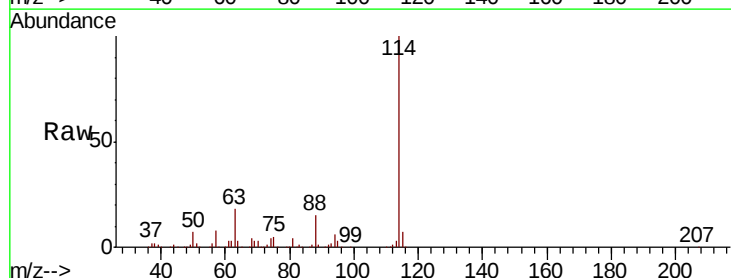
Tgt Ion: 114 Resp: 302691

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 44.629 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-3

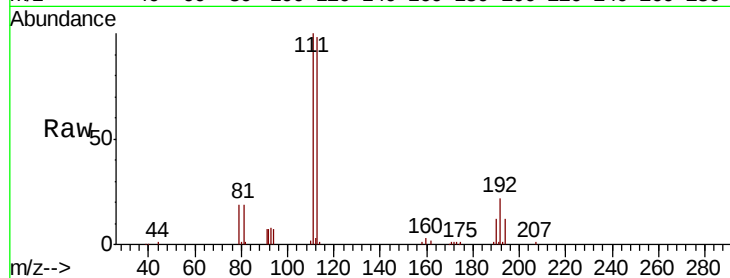
Tot Ion:113 Resp: 79822

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

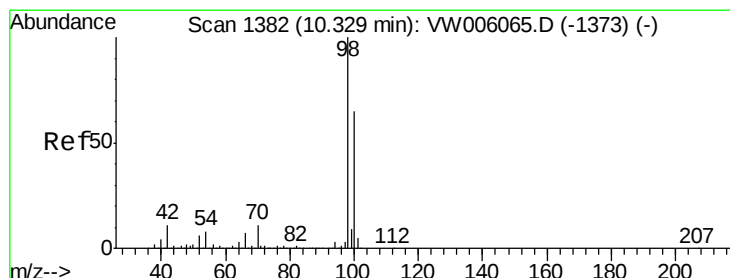
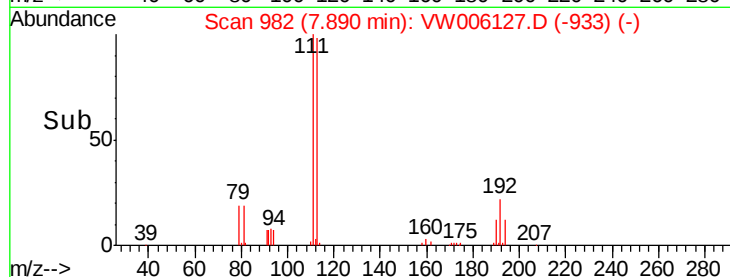
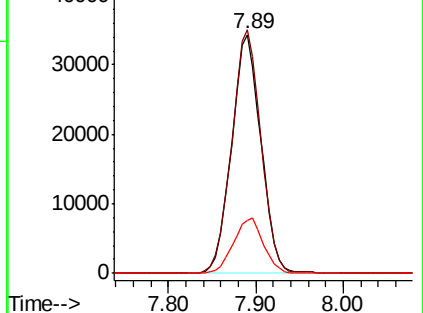
192 23.4 18.7 28.1



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: 44.014 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006127.D

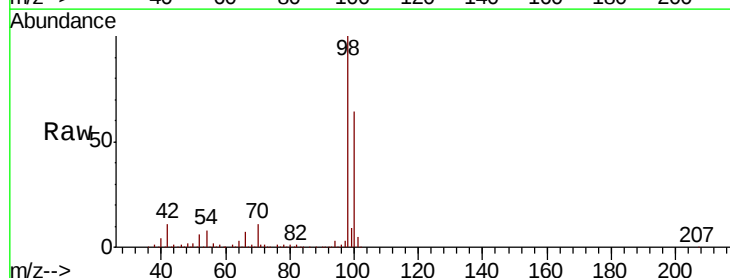
Acq: 17 Oct 2018 15:36

Tgt Ion: 98 Resp: 299502

Ion Ratio Lower Upper

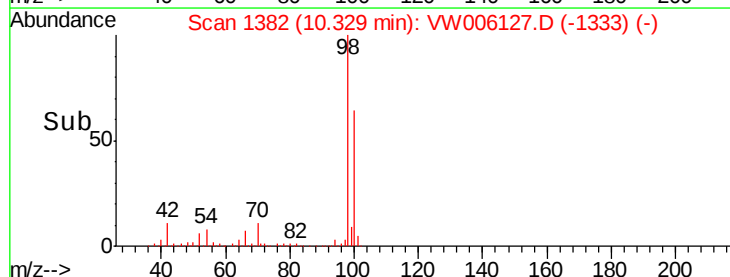
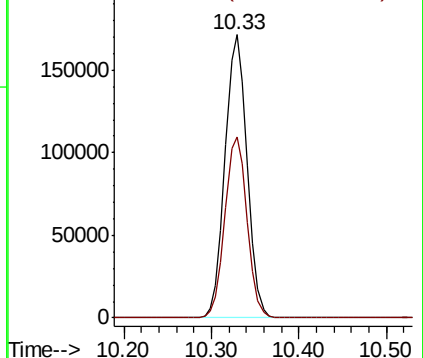
98 100

100 64.2 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: 38.304 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-3

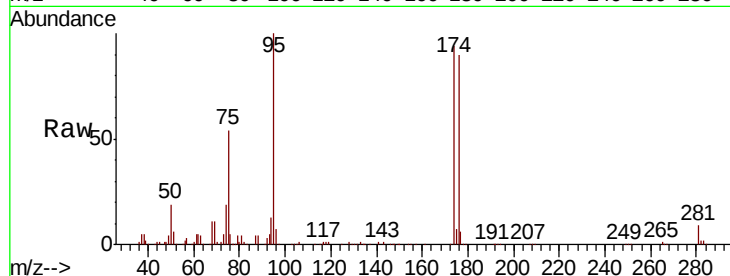
Tot Ion: 95 Resp: 97896

Ion Ratio Lower Upper

95 100

174 95.7 0.0 186.0

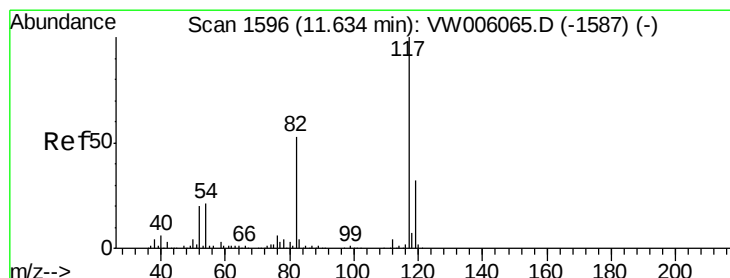
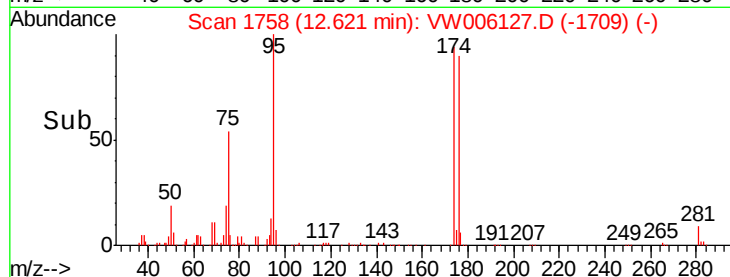
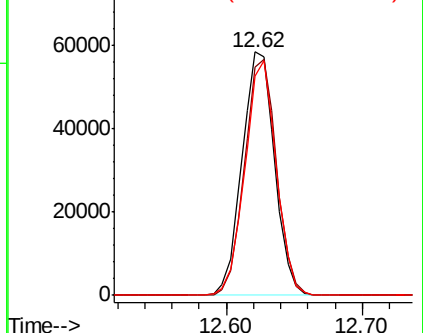
176 92.7 0.0 181.6



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: VW006127.D

Acq: 17 Oct 2018 15:36

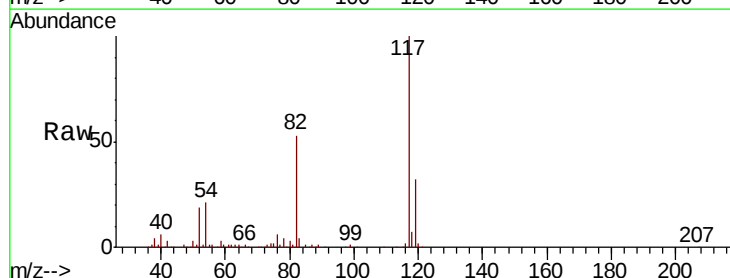
Tgt Ion: 117 Resp: 253102

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

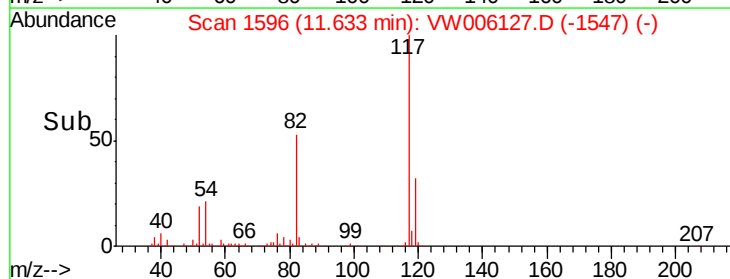
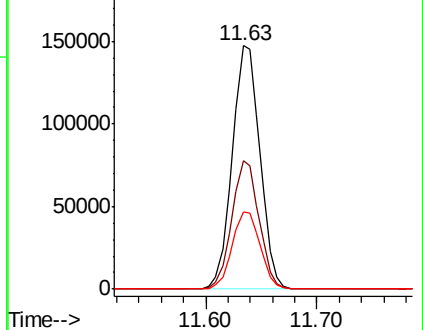
119 31.8 25.8 38.6

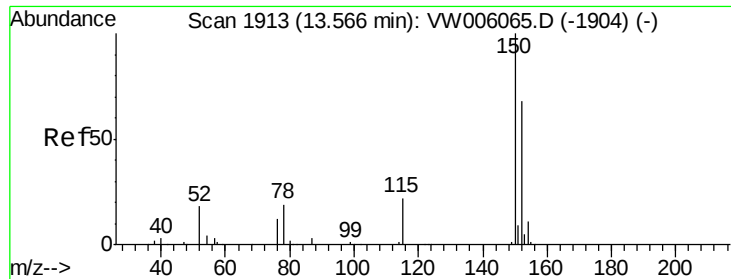


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

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ClientSampleId :

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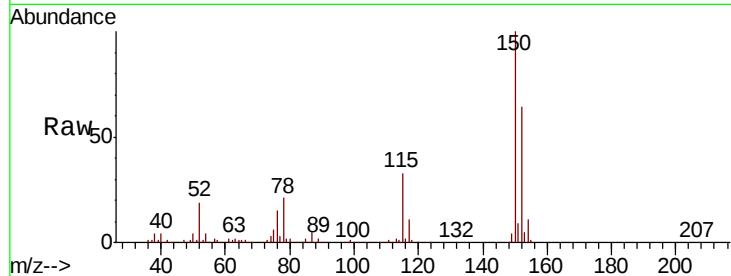
Tot Ion:152 Resp: 115129

Ion Ratio Lower Upper

152 100

115 53.9 27.8 83.3

150 155.9 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

