

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006256.D
 Acq On : 22 Oct 2018 17:18
 Operator : VA/AP
 Sample : J5610-09
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

Quant Time: Oct 23 04:39:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

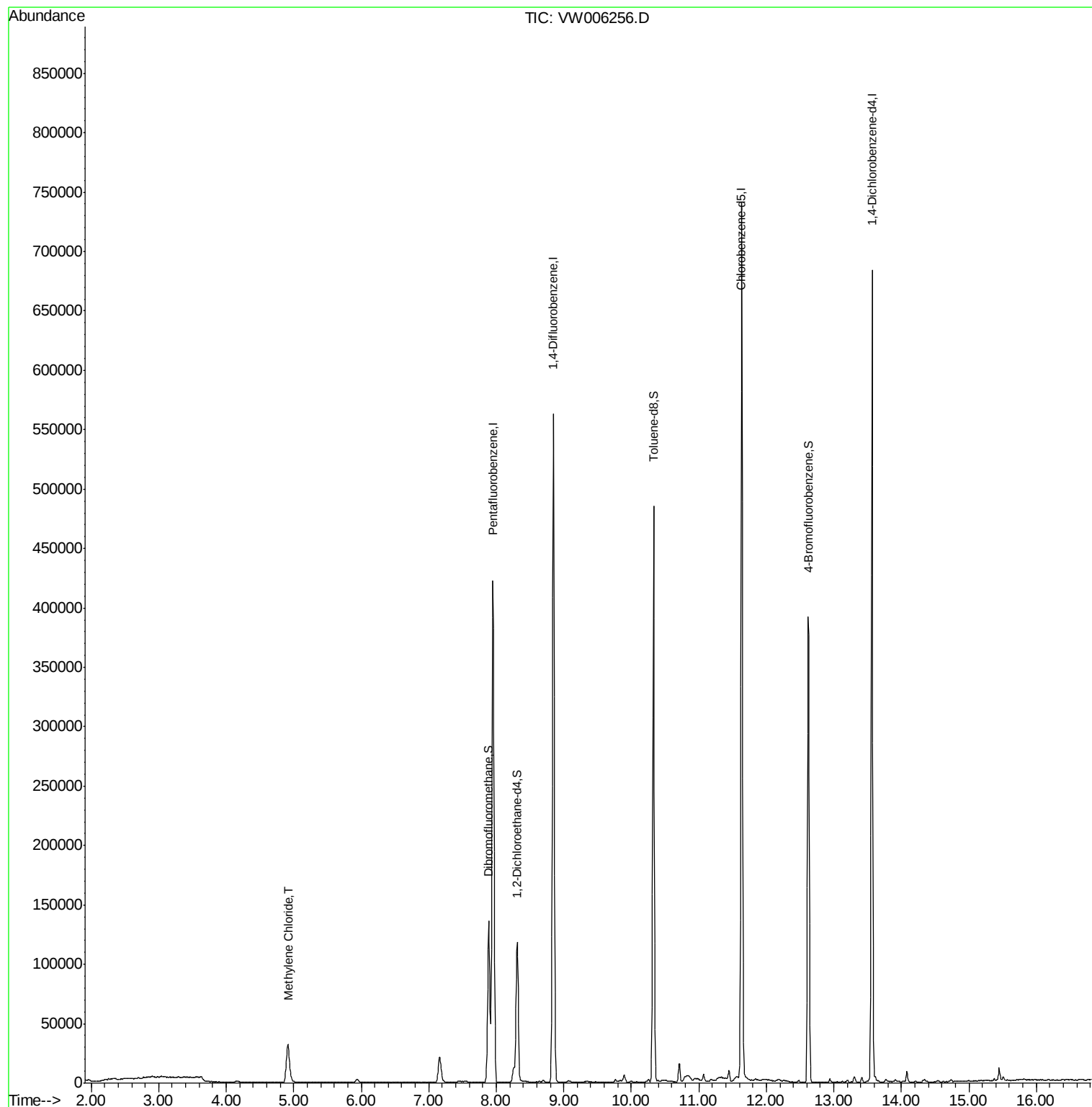
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	344978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	501961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95175	33.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.56%	
35) Dibromofluoromethane	7.89	113	93693	31.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.18%	
50) Toluene-d8	10.33	98	324694	28.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.54%	
62) 4-Bromofluorobenzene	12.62	95	117314	27.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.36%	
Target Compounds						
20) Methylene Chloride	4.91	84	27944	7.862	ug/l	Qvalue 92

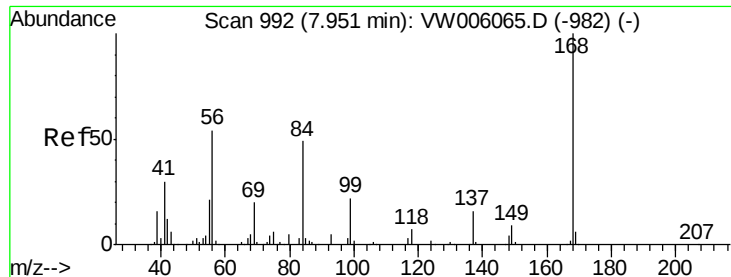
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 17:01:24 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: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

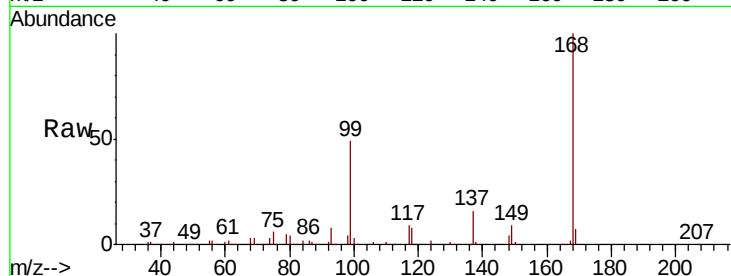
SB-5(0-2)

Tot Ion:168 Resp: 344978

Ion Ratio Lower Upper

168 100

99 49.3 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

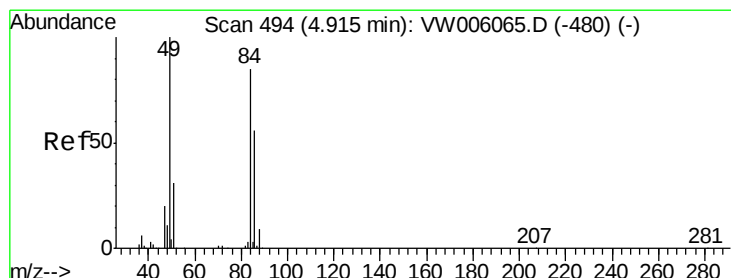
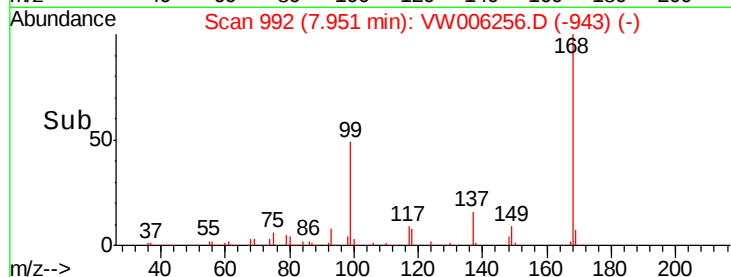
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.862 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Tgt Ion: 84 Resp: 27944

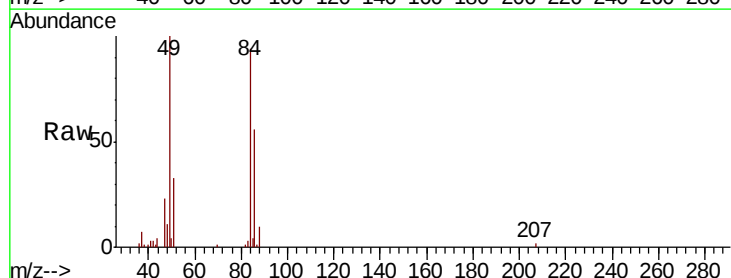
Ion Ratio Lower Upper

84 100

49 106.1 93.6 140.4

51 35.3 29.0 43.4

86 59.8 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

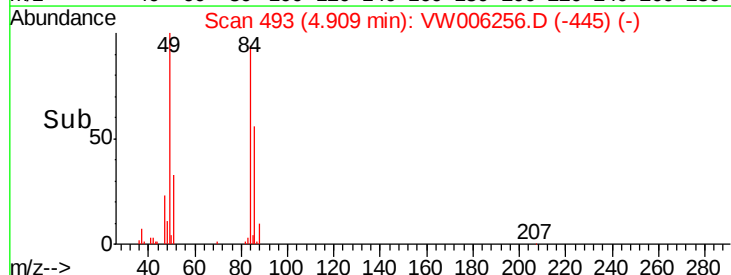
4.91

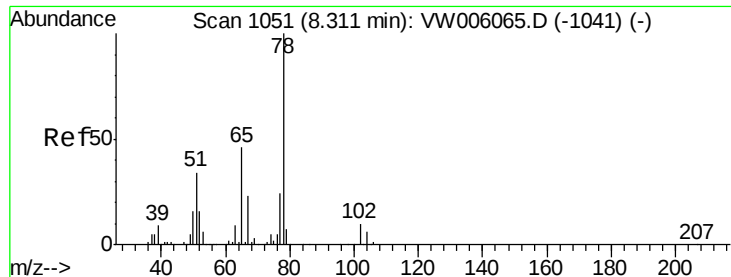
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

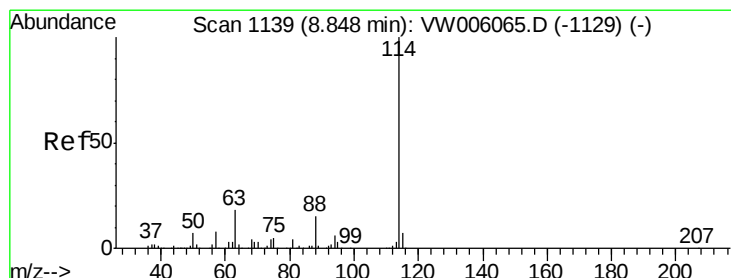
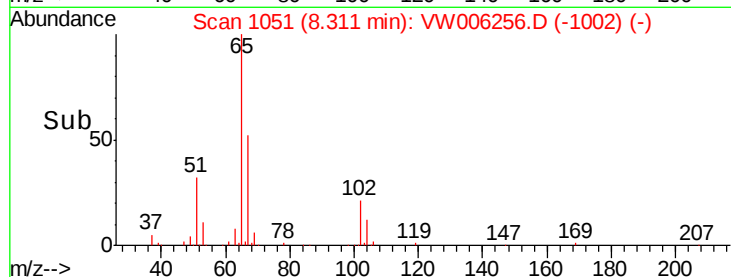
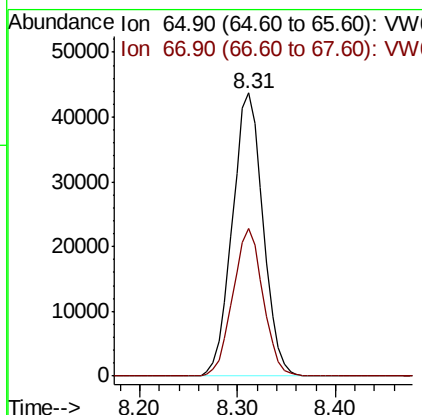
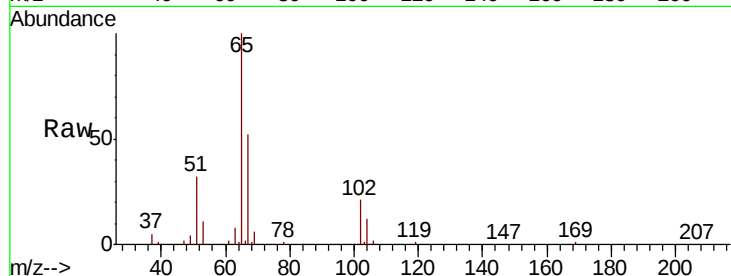




#33
 1,2-Dichloroethane-d4
 Concen: 33.277 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006256.D
 Acq: 22 Oct 2018 17:18

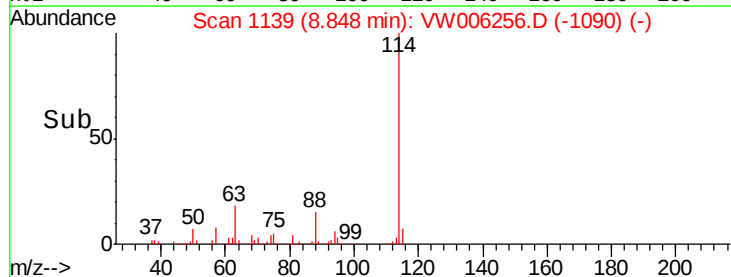
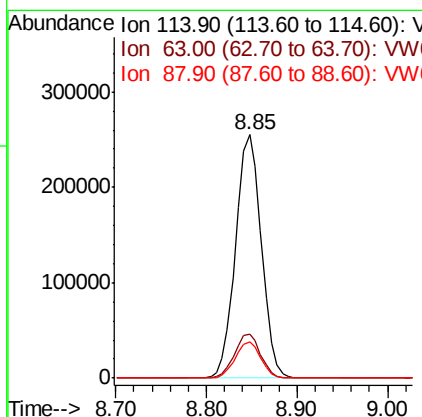
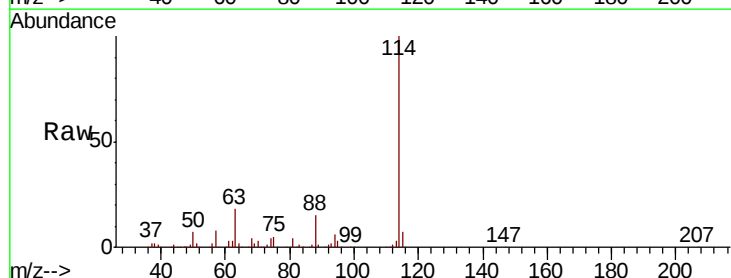
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

Tot Ion: 65 Resp: 95175
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VW006256.D
 Acq: 22 Oct 2018 17:18

Tgt Ion: 114 Resp: 501961
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 31.588 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

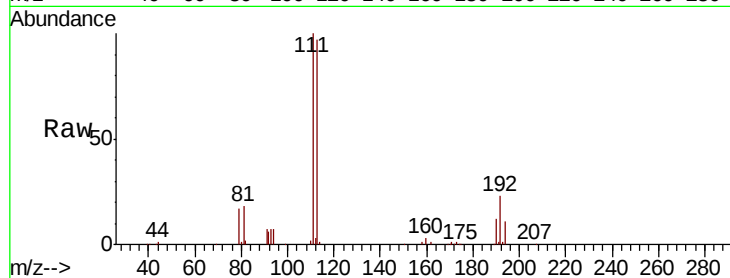
Tot Ion:113 Resp: 93693

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

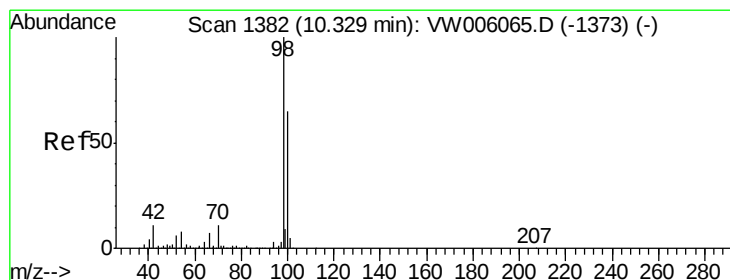
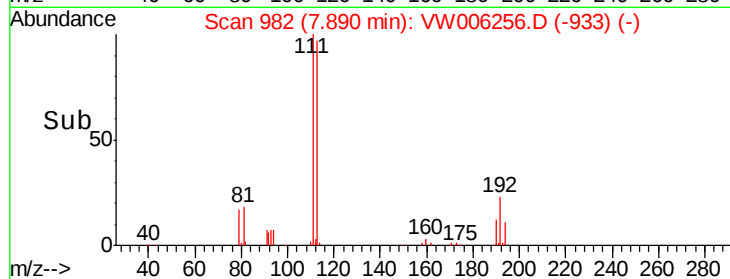
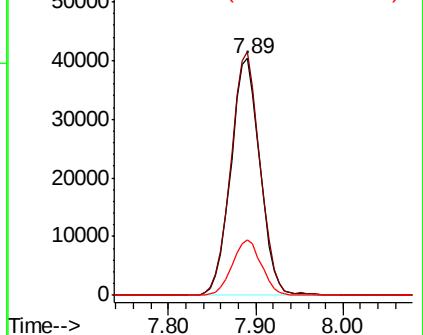
192 23.1 18.7 28.1



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: 28.774 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006256.D

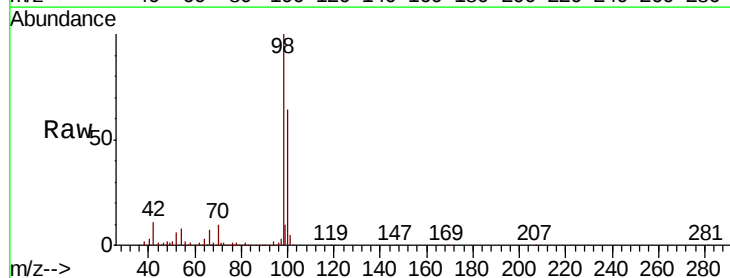
Acq: 22 Oct 2018 17:18

Tgt Ion: 98 Resp: 324694

Ion Ratio Lower Upper

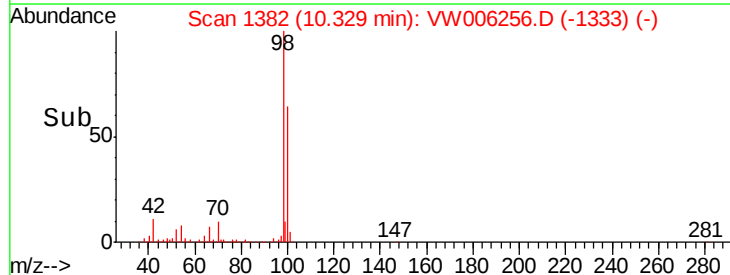
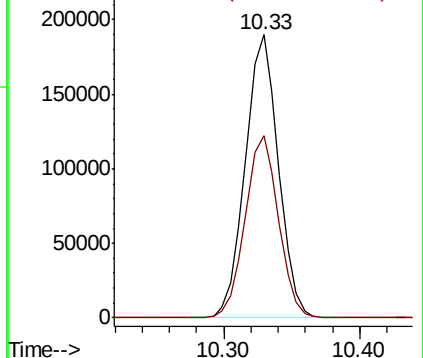
98 100

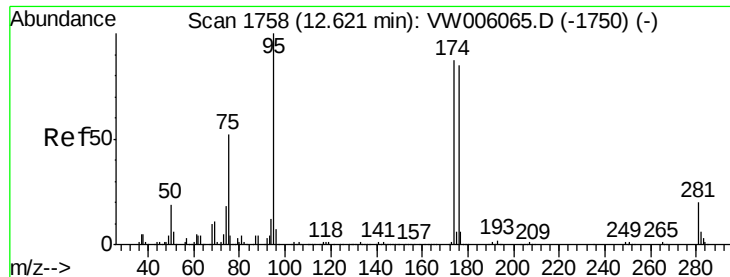
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 27.680 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampled :

SB-5(0-2)

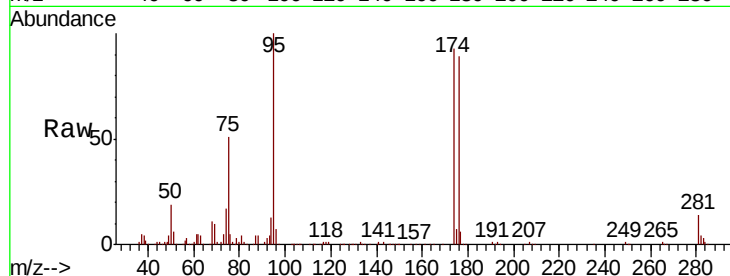
Tot Ion: 95 Resp: 117314

Ion Ratio Lower Upper

95 100

174 95.9 0.0 186.0

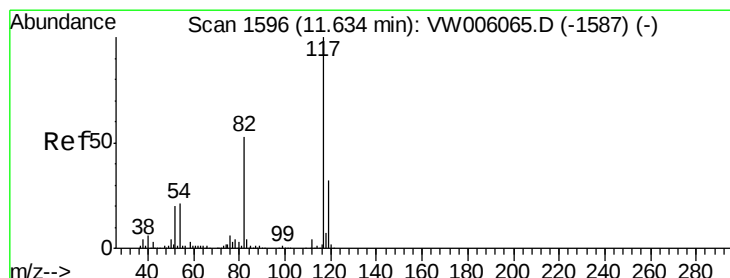
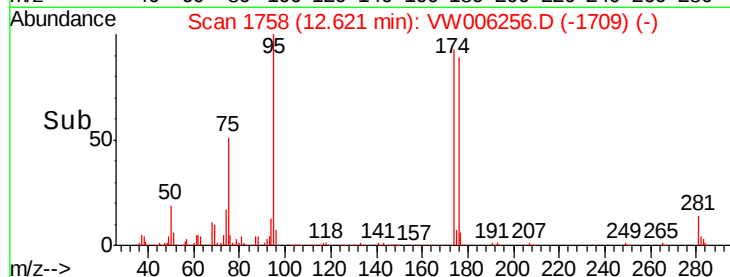
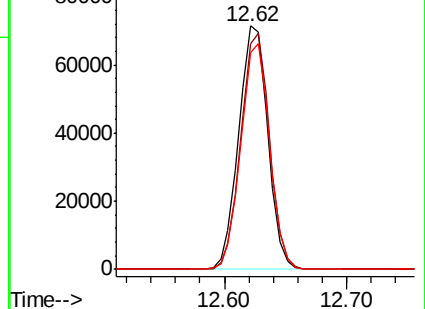
176 92.1 0.0 181.6



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: VW006256.D

Acq: 22 Oct 2018 17:18

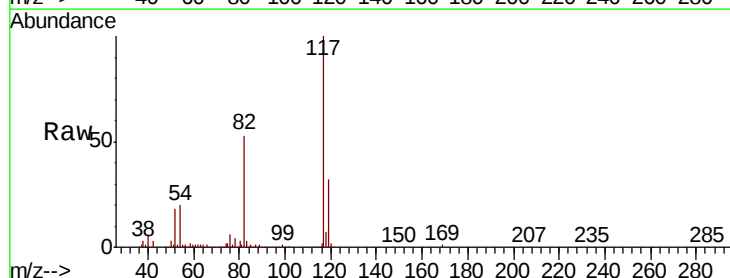
Tgt Ion: 117 Resp: 428687

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

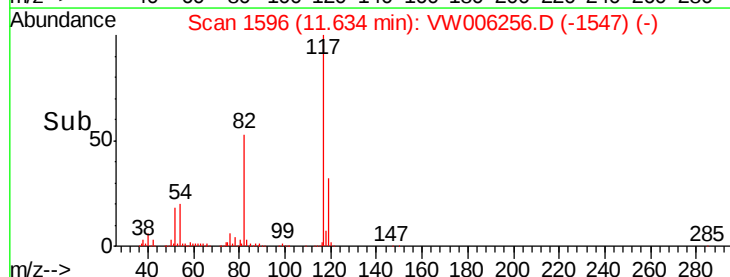
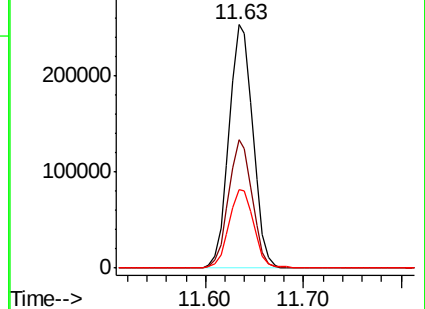
119 31.9 25.8 38.6

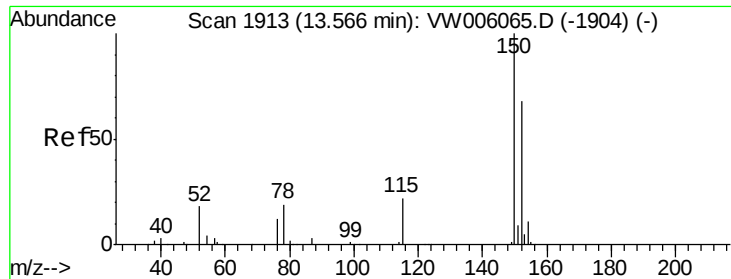


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

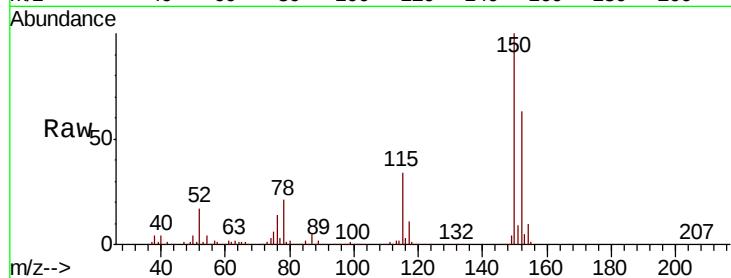
Tot Ion:152 Resp: 189240

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.3

150 157.1 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

