

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006032.D
 Acq On : 11 Oct 2018 17:03
 Operator : VA/AP
 Sample : J5197-01
 Misc : 8.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-101118

Quant Time: Oct 12 01:36:46 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

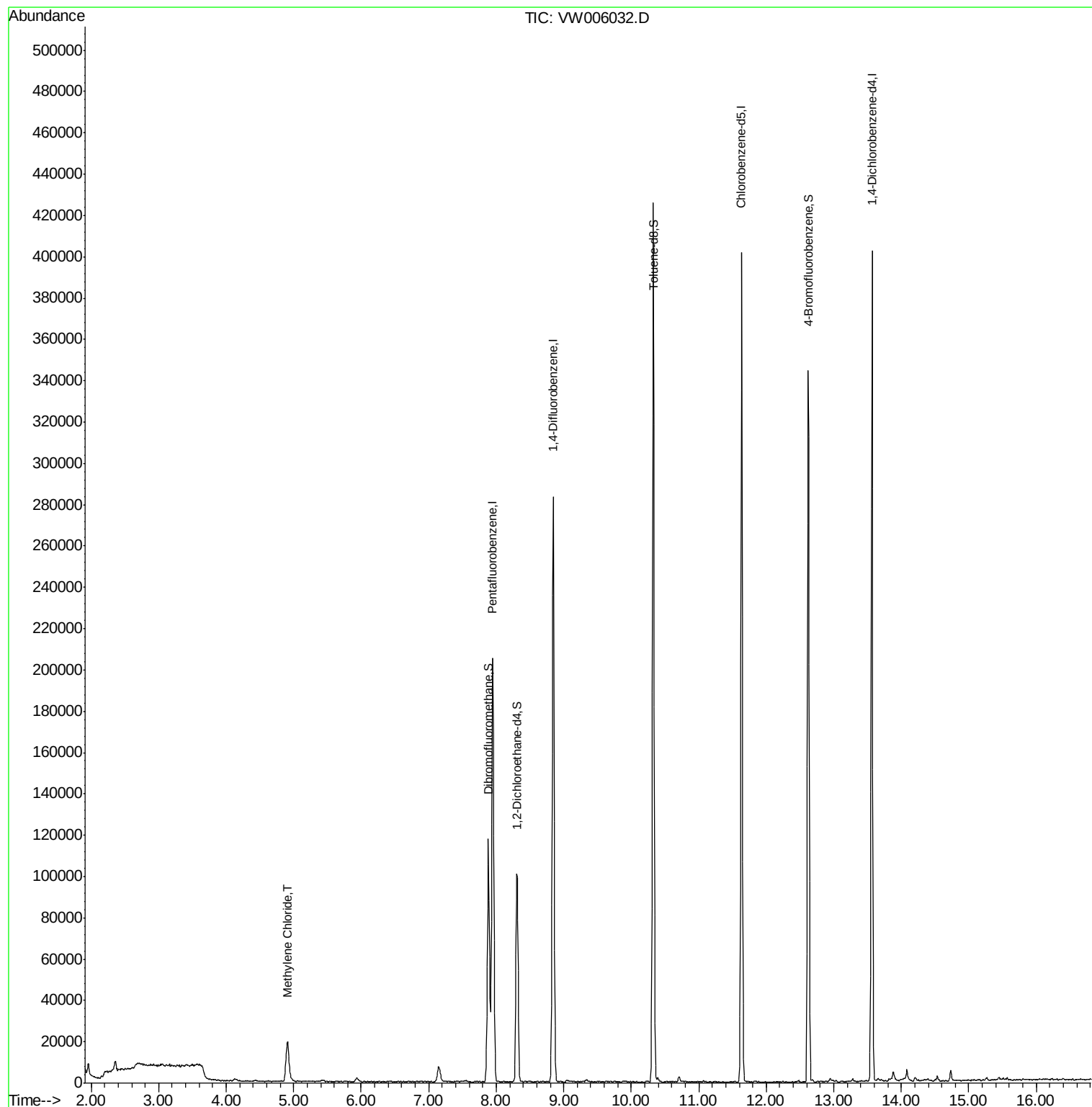
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	248389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	223561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	111627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79370	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	7.88	113	79882	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.33	98	293559	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.62	95	103620	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
20) Methylene Chloride	4.90	84	15682	9.64	ug/l	Qvalue 88

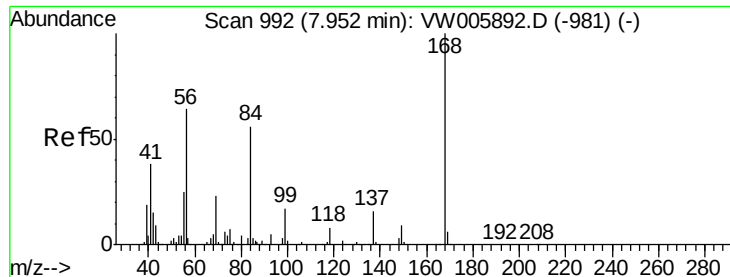
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006032.D

Acq: 11 Oct 2018 17:03

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MSVOA_W

ClientSampleId :

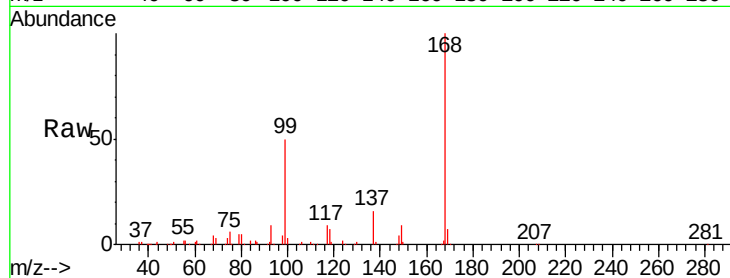
HD-01-101118

Tgt Ion:168 Resp: 167501

Ion Ratio Lower Upper

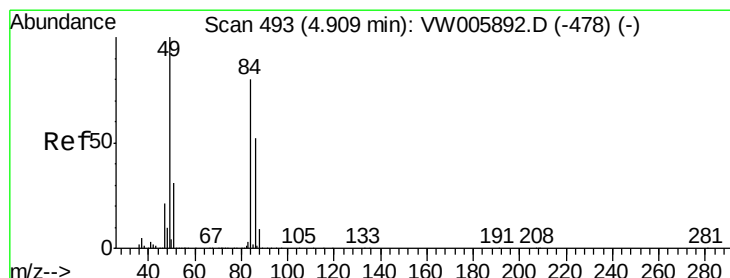
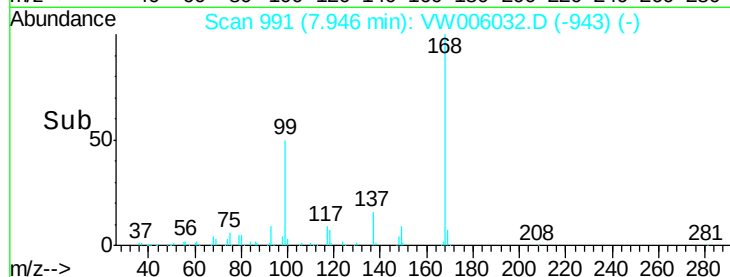
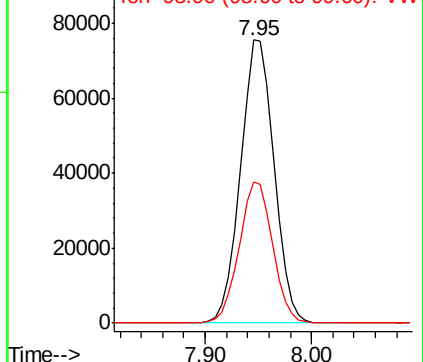
168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 9.64 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006032.D

Acq: 11 Oct 2018 17:03

Tgt Ion: 84 Resp: 15682

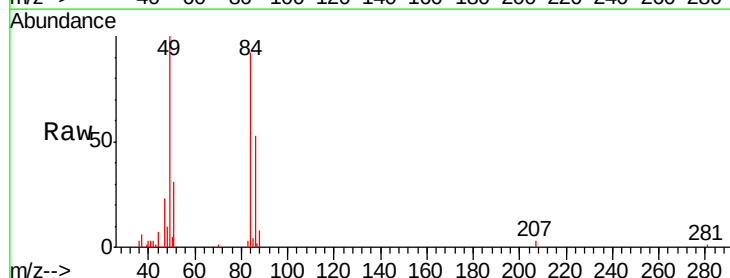
Ion Ratio Lower Upper

84 100

49 108.2 99.9 149.9

51 33.7 31.1 46.7

86 57.6 51.8 77.6

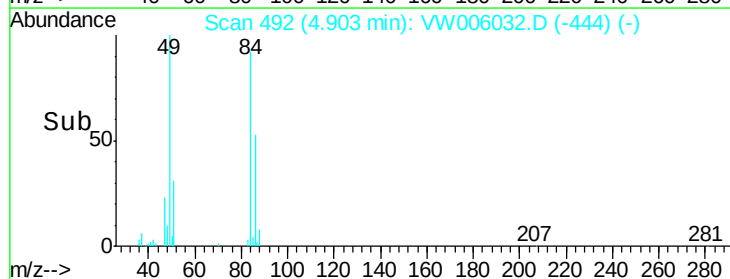
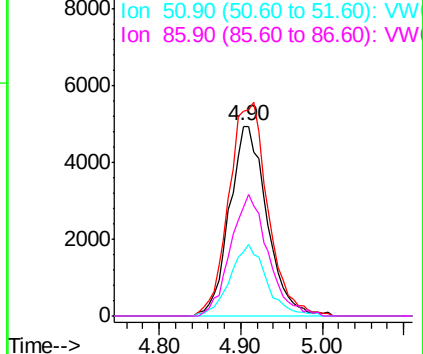


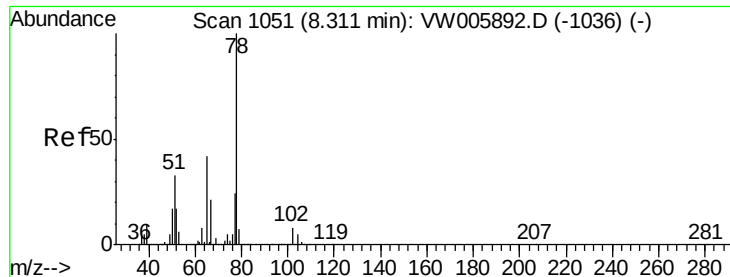
Abundance Ion 83.90 (83.60 to 84.60): VW

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

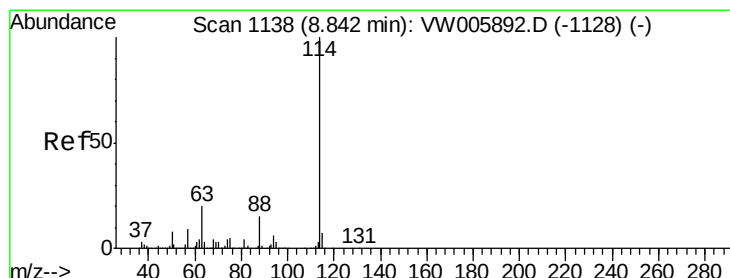
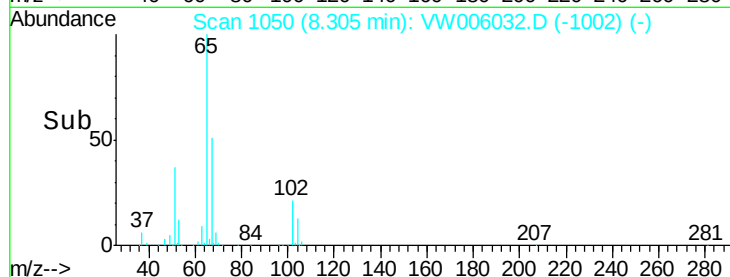
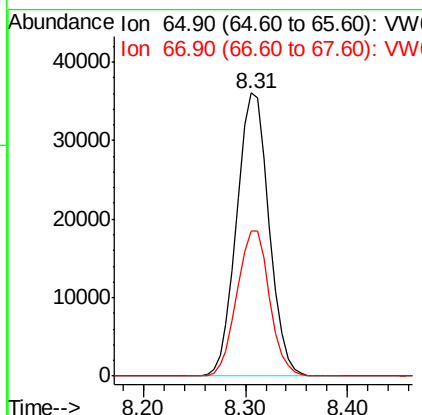
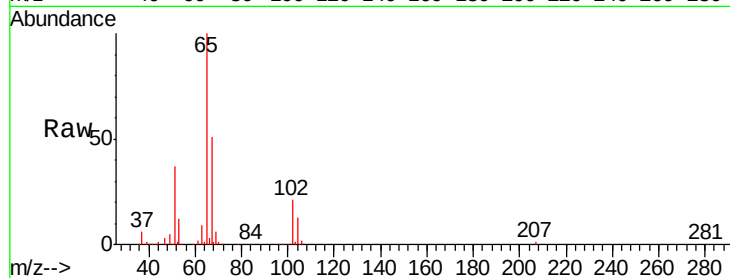




#33
 1,2-Dichloroethane-d4
 Concen: 48.81 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006032.D
 Acq: 11 Oct 2018 17:03

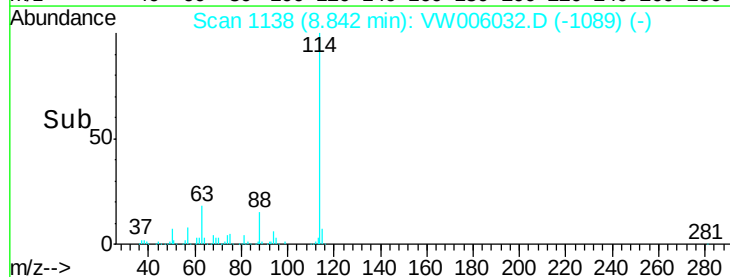
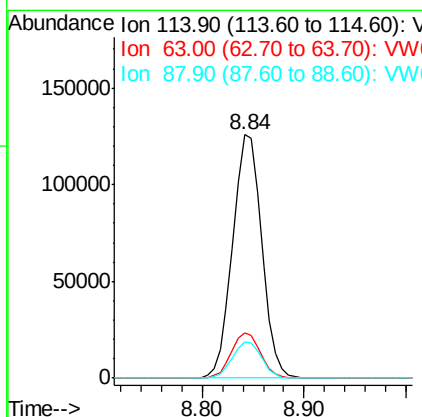
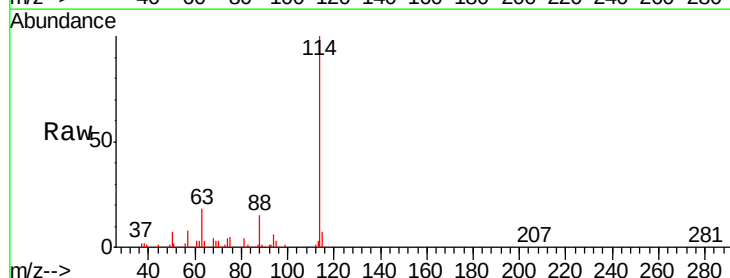
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-101118

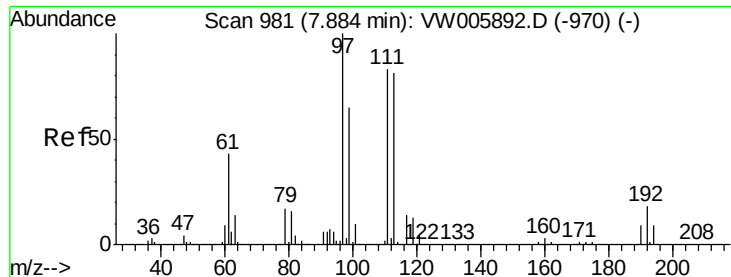
Tgt Ion: 65 Resp: 79370
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW006032.D
 Acq: 11 Oct 2018 17:03

Tgt Ion: 114 Resp: 248389
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.37 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW006032.D

Acq: 11 Oct 2018 17:03

Instrument :

MSVOA_W

ClientSampleId :

HD-01-101118

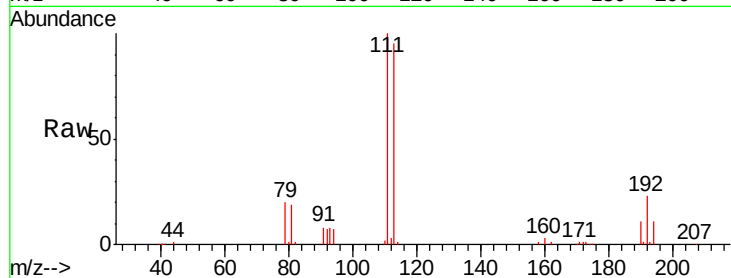
Tgt Ion:113 Resp: 79882

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

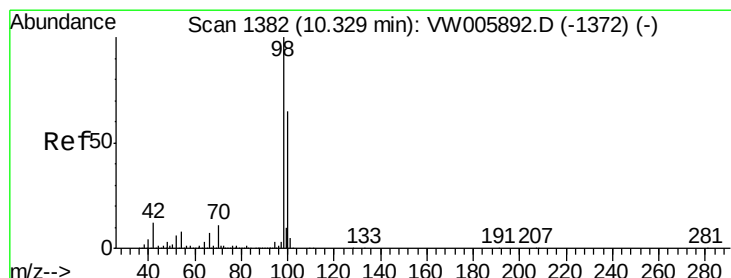
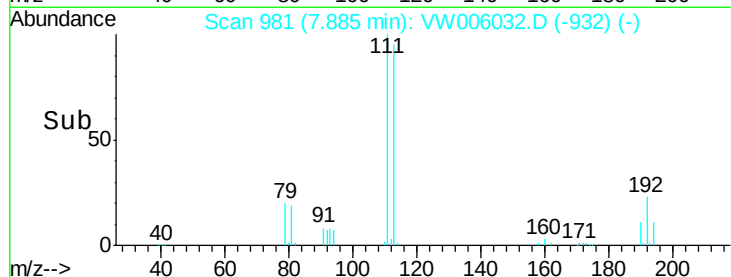
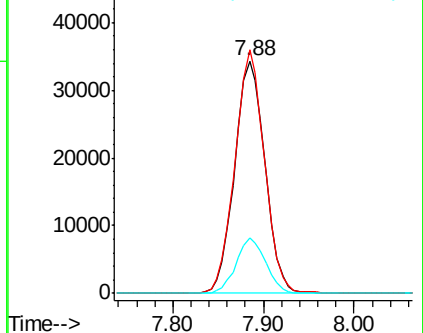
192 23.2 18.3 27.5



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: 48.11 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006032.D

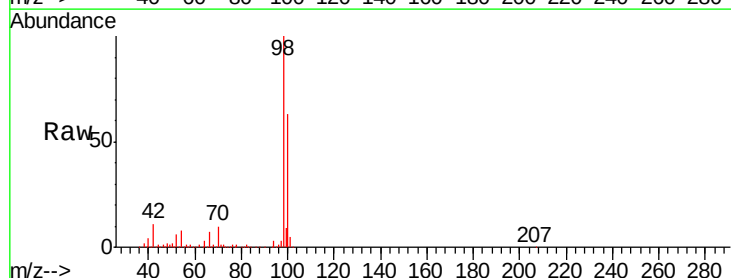
Acq: 11 Oct 2018 17:03

Tgt Ion: 98 Resp: 293559

Ion Ratio Lower Upper

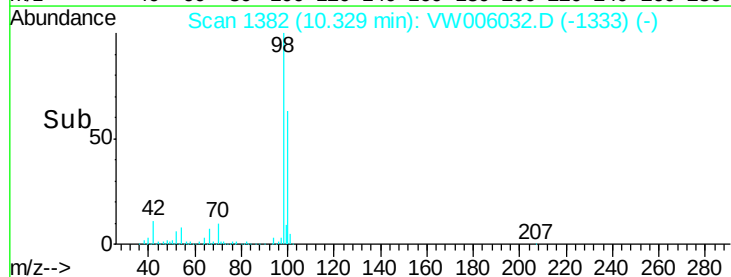
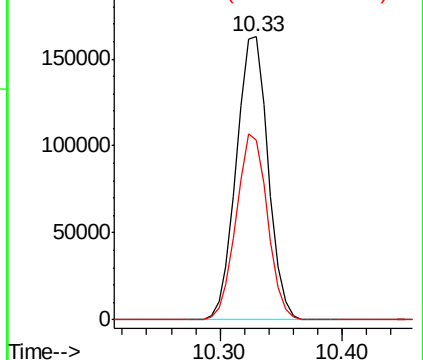
98 100

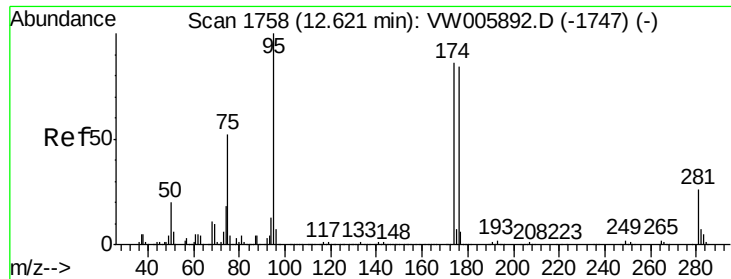
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.64 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006032.D

Acq: 11 Oct 2018 17:03

Instrument :

MSVOA_W

ClientSampleId :

HD-01-101118

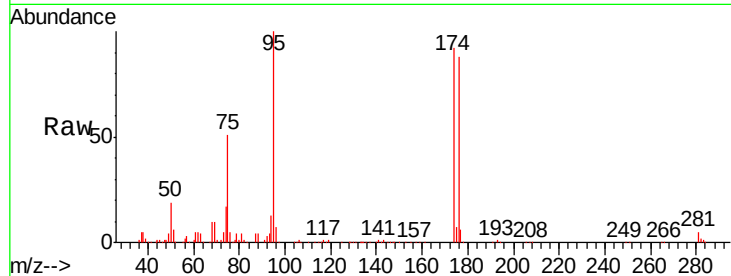
Tgt Ion: 95 Resp: 103620

Ion Ratio Lower Upper

95 100

174 94.0 0.0 176.4

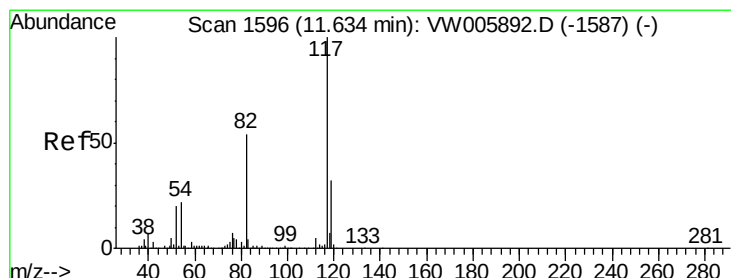
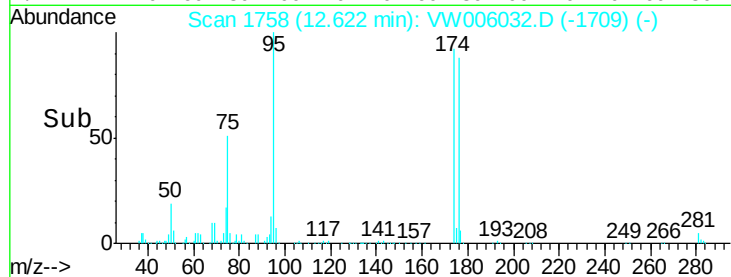
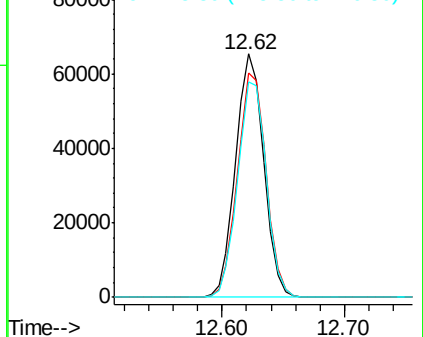
176 90.7 0.0 173.0



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006032.D

Acq: 11 Oct 2018 17:03

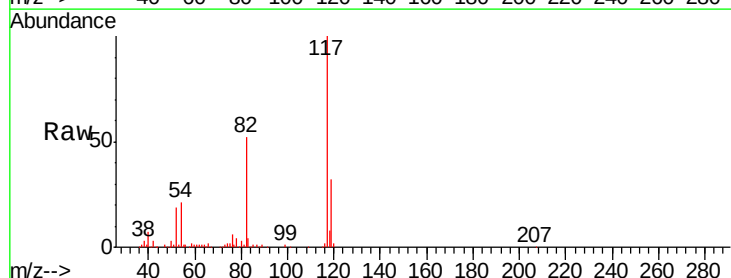
Tgt Ion: 117 Resp: 223561

Ion Ratio Lower Upper

117 100

82 52.0 43.5 65.3

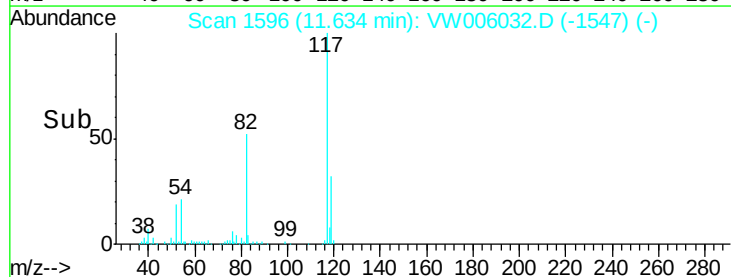
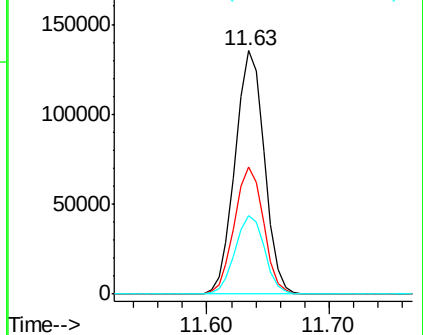
119 32.1 25.4 38.2

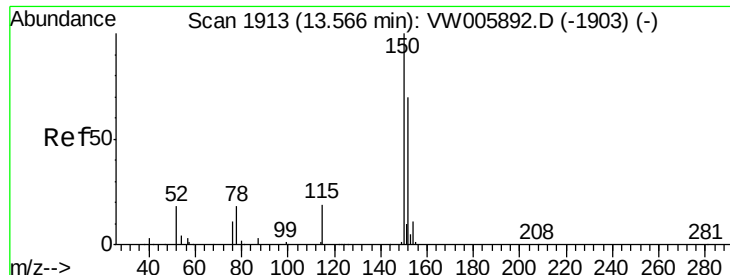


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006032.D

Acq: 11 Oct 2018 17:03

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MSVOA_W

ClientSampleId :

HD-01-101118

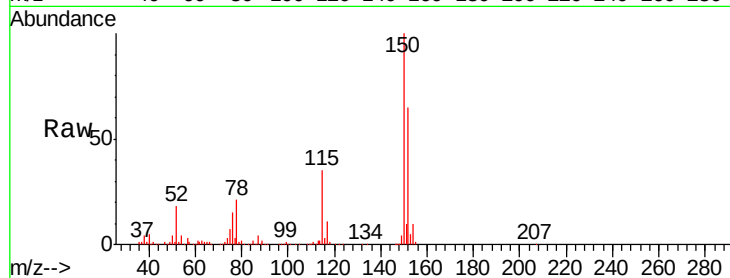
Tgt Ion:152 Resp: 111627

Ion Ratio Lower Upper

152 100

115 54.9 28.3 85.0

150 154.5 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

