

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005168.D
 Acq On : 06 Sep 2018 17:08
 Operator : SY/AP
 Sample : J4781-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-STONES

Quant Time: Sep 06 18:40:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

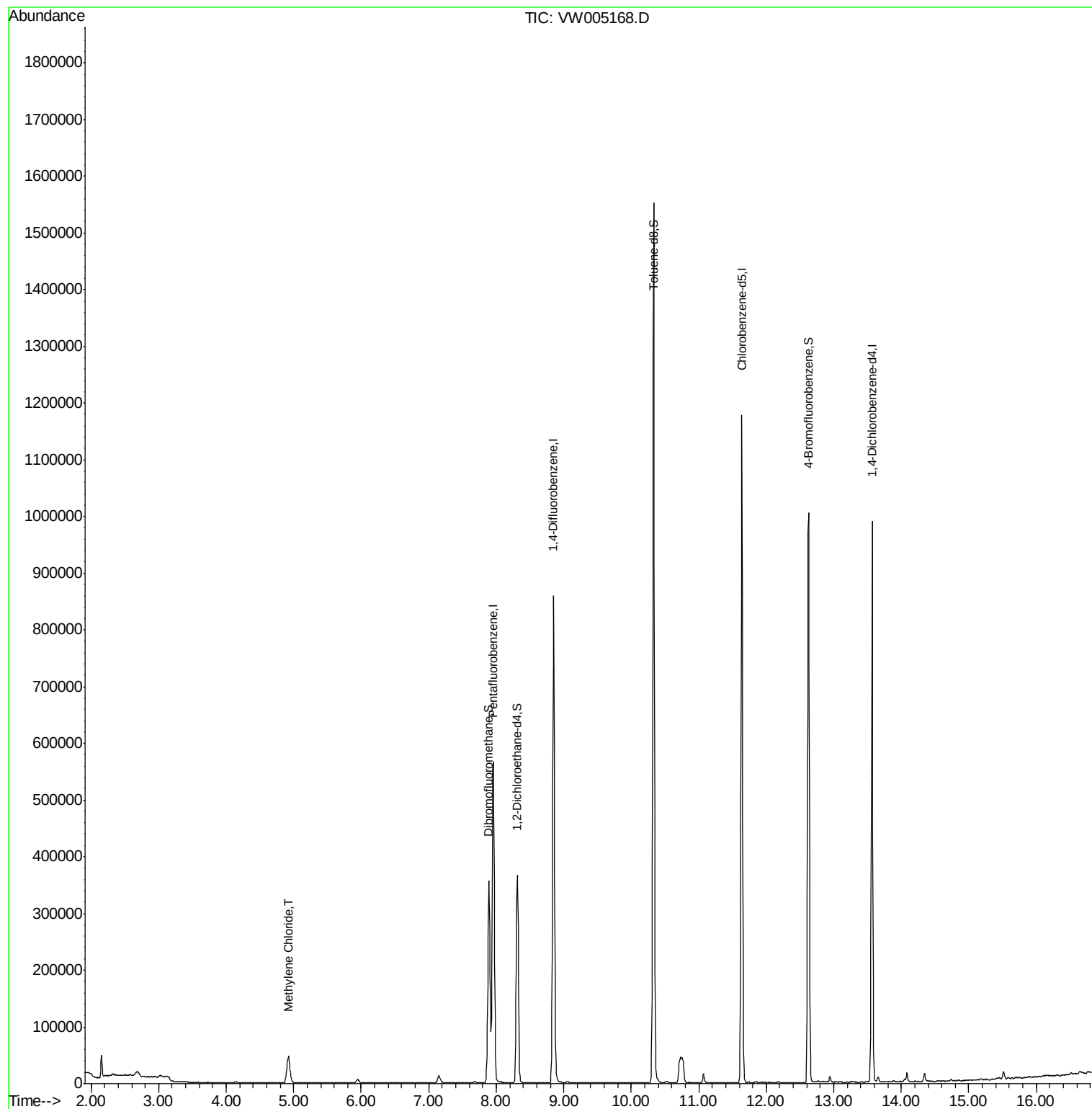
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	456472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	755571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	707118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	265904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	284550	75.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.40%	
35) Dibromofluoromethane	7.89	113	260973	59.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.54%	
50) Toluene-d8	10.33	98	1046303	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.63	95	332993	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
Target Compounds						
20) Methylene Chloride	4.92	84	40084	4.26	ug/l	Qvalue 98

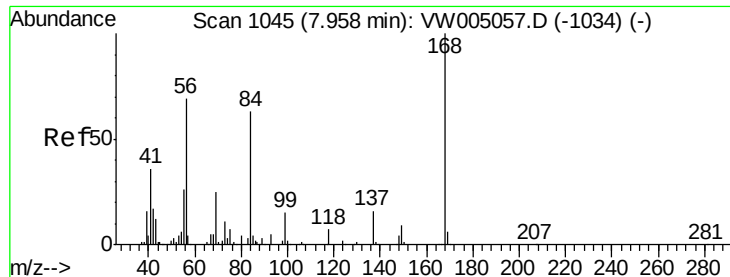
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005168.D

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MSVOA_W

ClientSampleId :

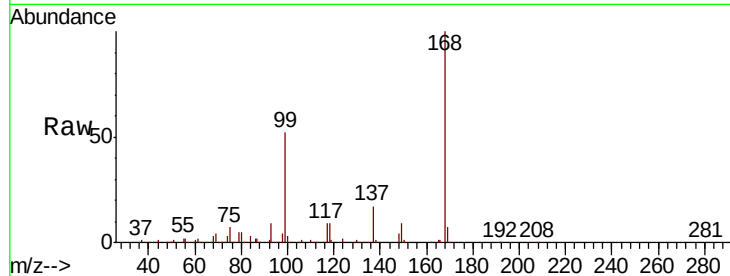
BS-STONES

Tot Ion:168 Resp: 456472

Ion Ratio Lower Upper

168 100

99 52.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

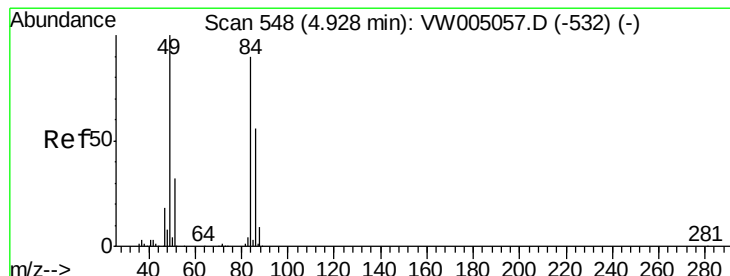
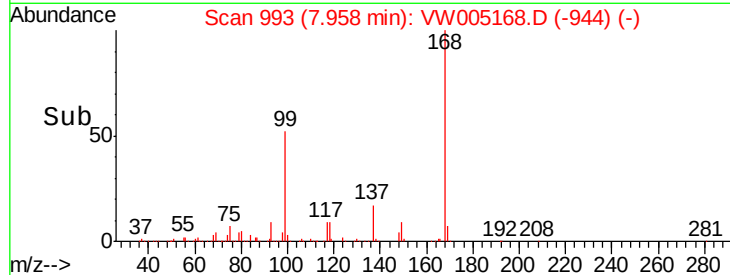
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.26 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

Tgt Ion: 84 Resp: 40084

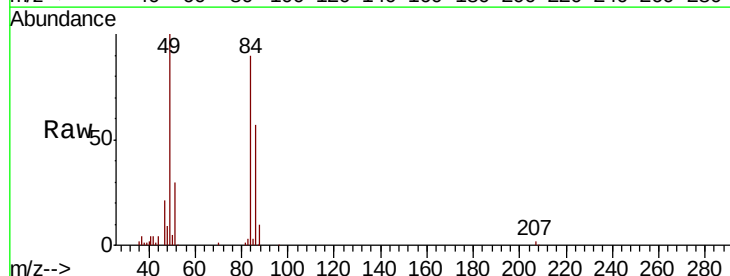
Ion Ratio Lower Upper

84 100

49 111.4 88.7 133.1

51 33.3 28.6 42.8

86 63.8 49.4 74.2



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

20000

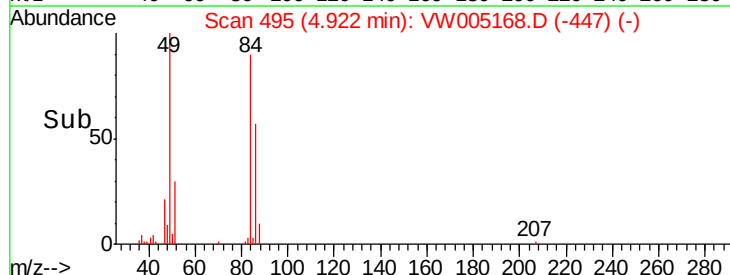
15000

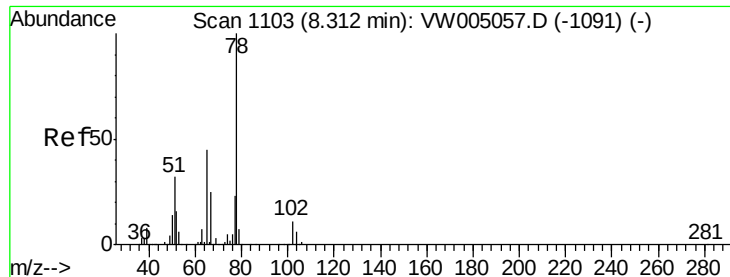
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 75.20 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampleId :

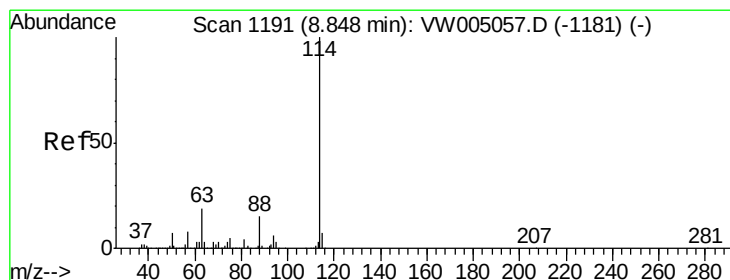
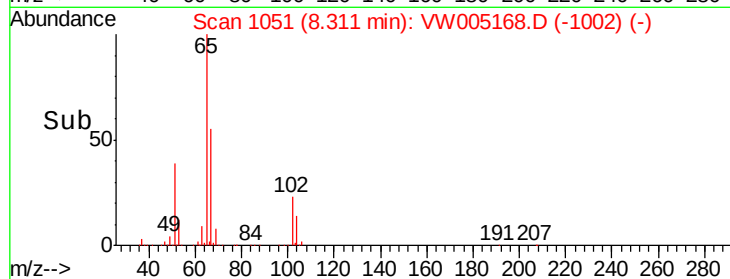
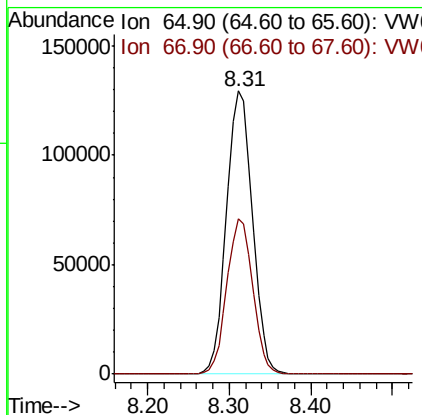
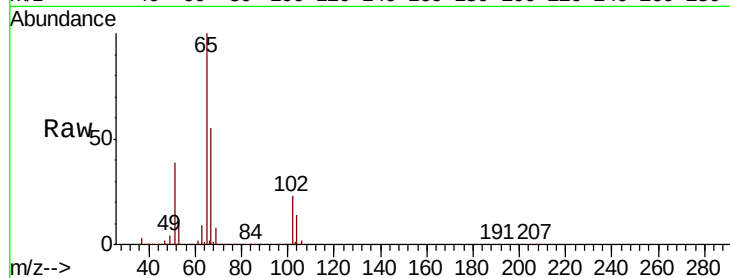
BS-STONES

Tot Ion: 65 Resp: 284550

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

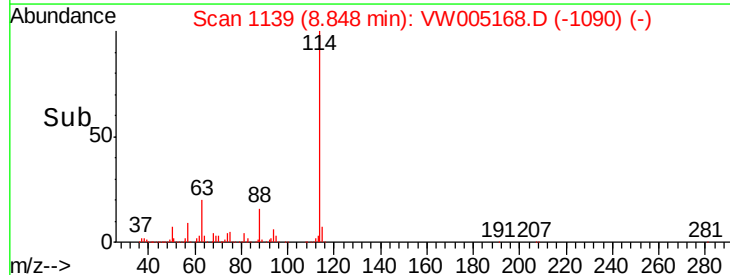
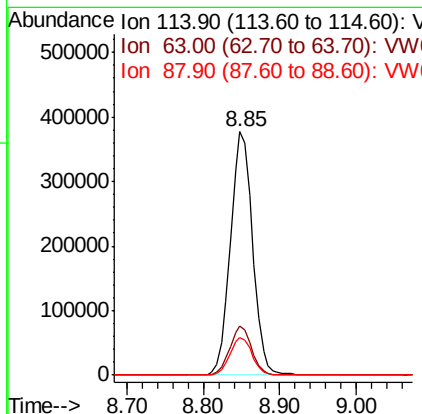
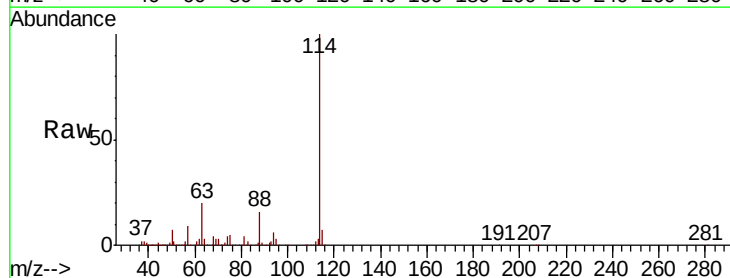
Tgt Ion: 114 Resp: 755571

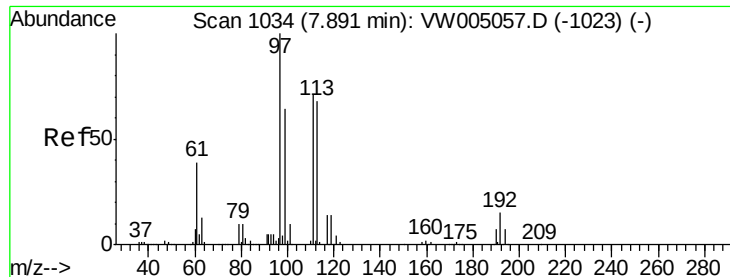
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

88 15.6 0.0 30.2

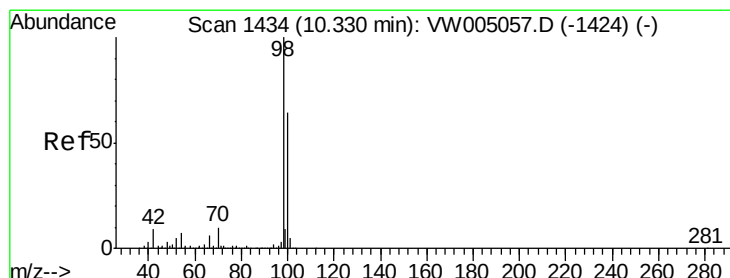
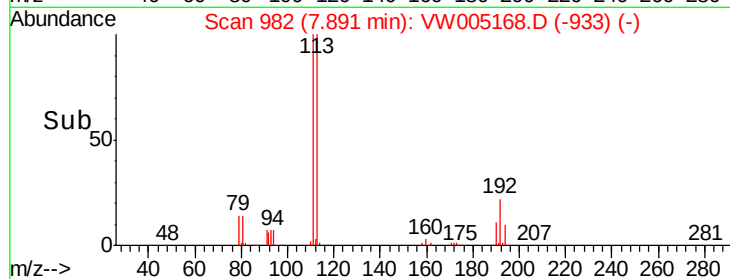
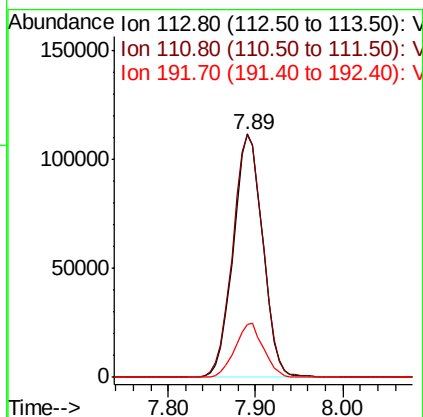
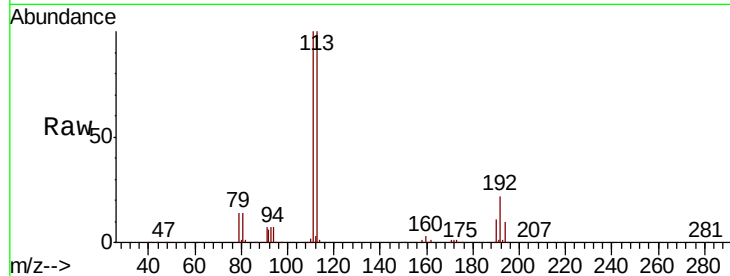




#35
 Dibromofluoromethane
 Concen: 59.77 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005168.D
 Acq: 06 Sep 2018 17:08

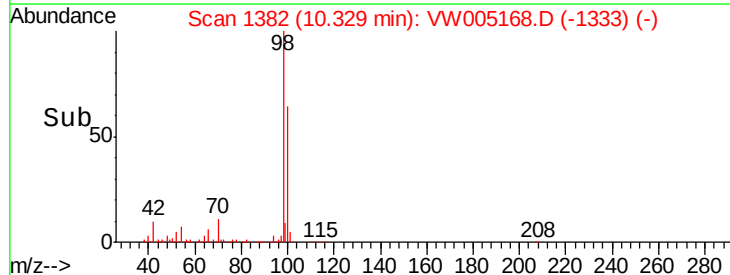
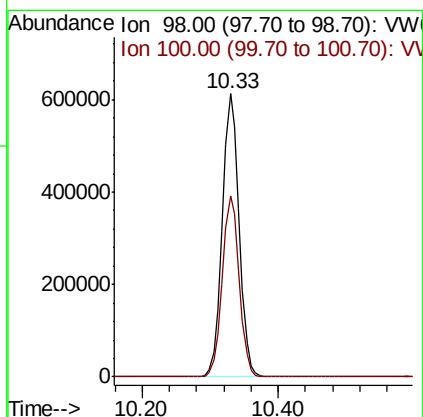
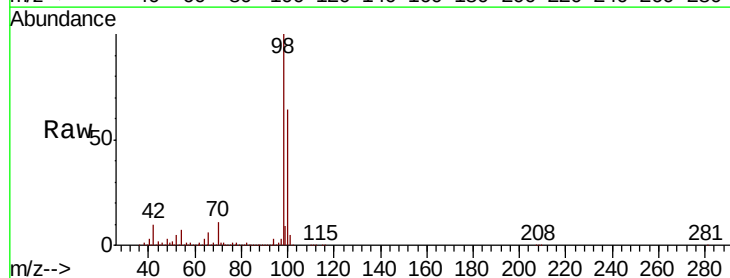
Instrument :
 MSVOA_W
 ClientSampled :
 BS-STONES

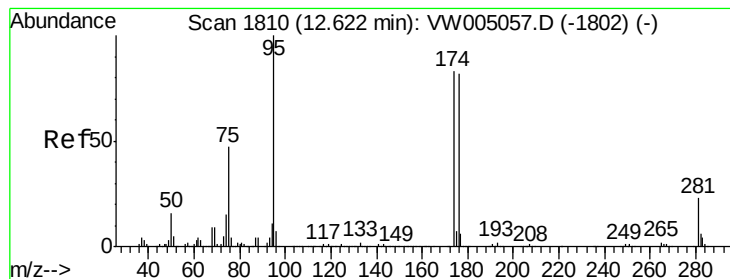
Tot Ion:113 Resp: 260973
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 21.5 18.1 27.1



#50
 Toluene-d8
 Concen: 52.01 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005168.D
 Acq: 06 Sep 2018 17:08

Tgt Ion: 98 Resp: 1046303
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.94 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampled :

BS-STONES

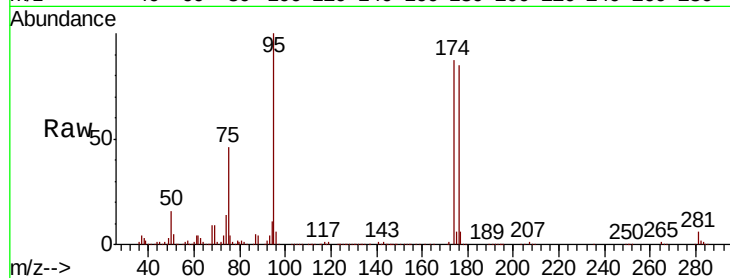
Tot Ion: 95 Resp: 332993

Ion Ratio Lower Upper

95 100

174 85.8 0.0 173.4

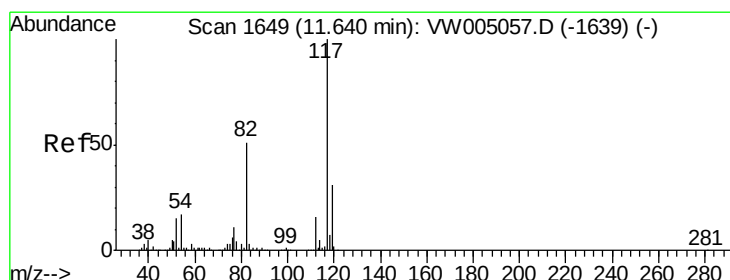
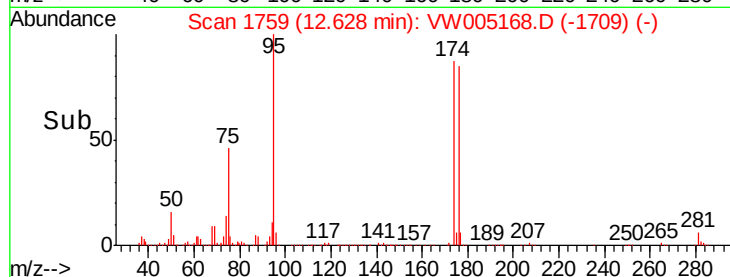
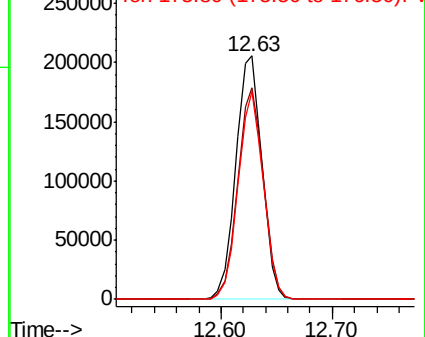
176 82.2 0.0 167.4



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: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

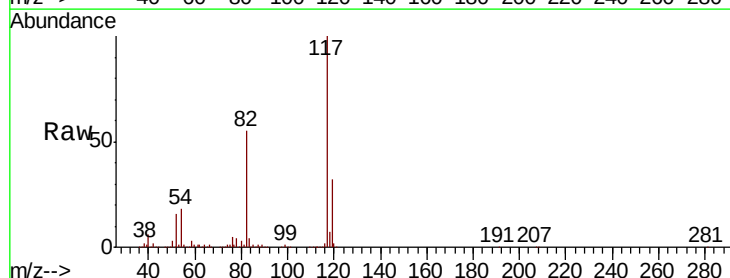
Tgt Ion: 117 Resp: 707118

Ion Ratio Lower Upper

117 100

82 54.7 40.9 61.3

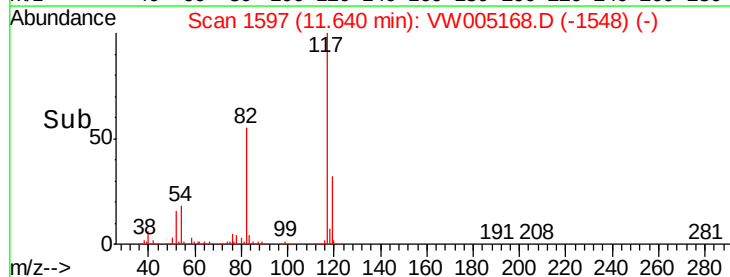
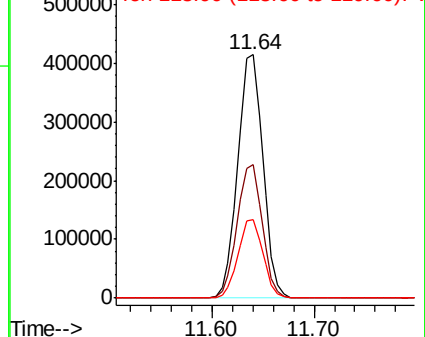
119 32.2 24.9 37.3

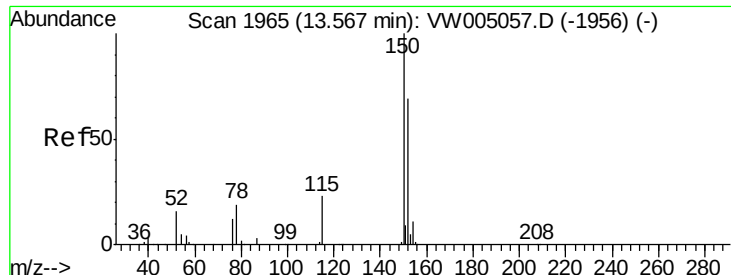


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampleId :

BS-STONES

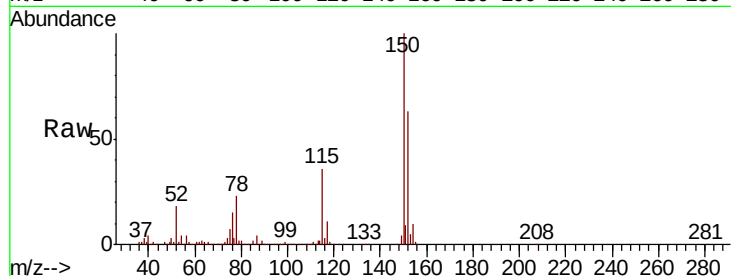
Tot Ion:152 Resp: 265904

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.4

150 158.4 0.0 351.4



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

