

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005981.D
 Acq On : 10 Oct 2018 12:10
 Operator : SY/AP
 Sample : J5302-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

Quant Time: Oct 10 16:59:57 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

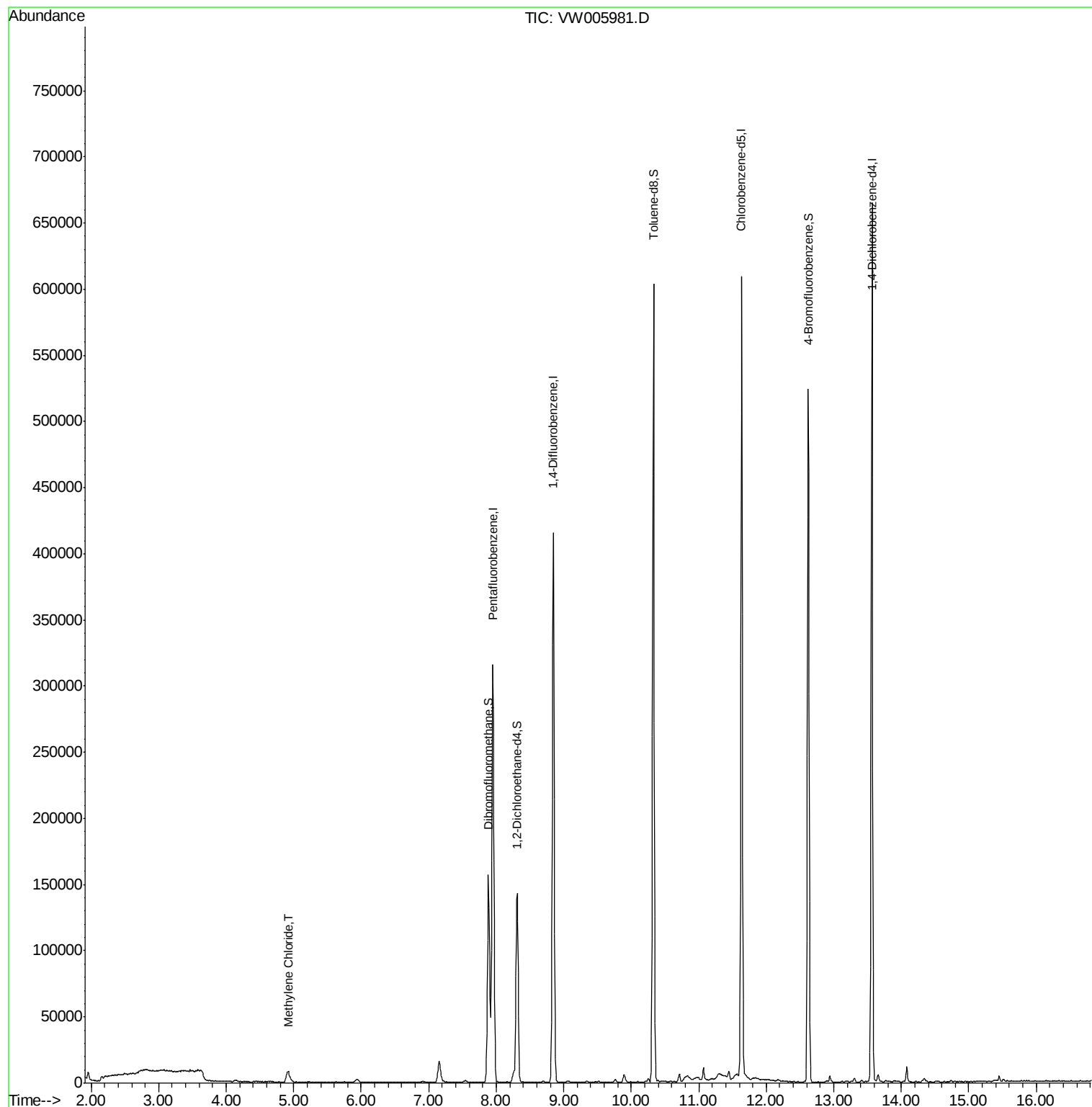
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111708	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
35) Dibromofluoromethane	7.88	113	111291	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.33	98	421188	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.62	95	152041	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
20) Methylene Chloride	4.92	84	7373	2.991	ug/l #	82

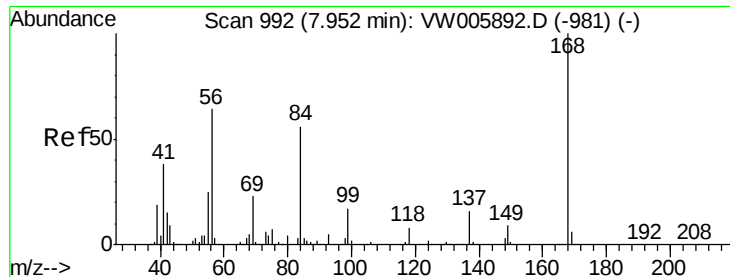
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

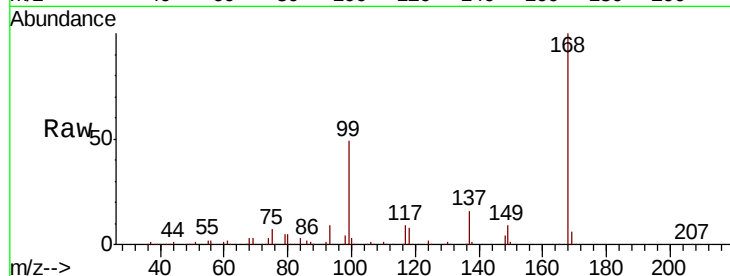
SB-5-(14.5-15)

Tot Ion:168 Resp: 253734

Ion Ratio Lower Upper

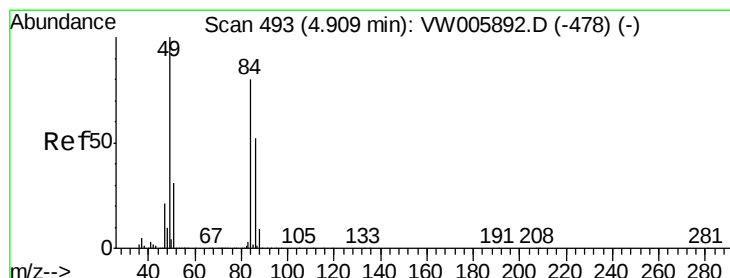
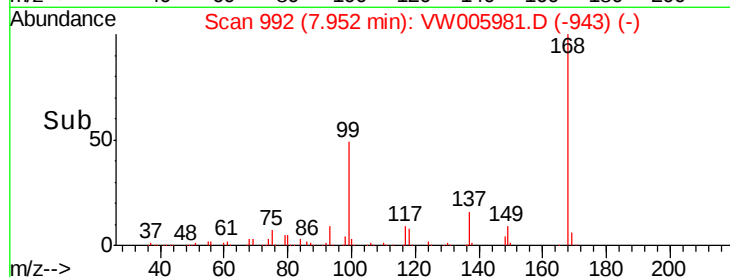
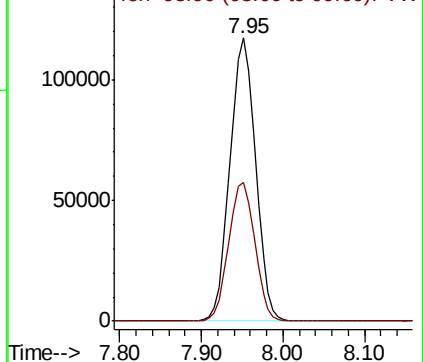
168 100

99 49.2 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: 2.991 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Tgt Ion: 84 Resp: 7373

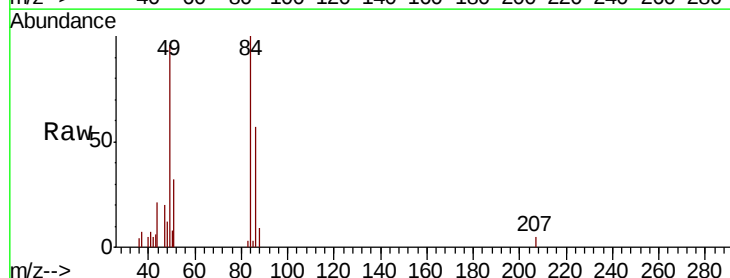
Ion Ratio Lower Upper

84 100

49 96.4 99.9 149.9#

51 31.6 31.1 46.7

86 57.4 51.8 77.6

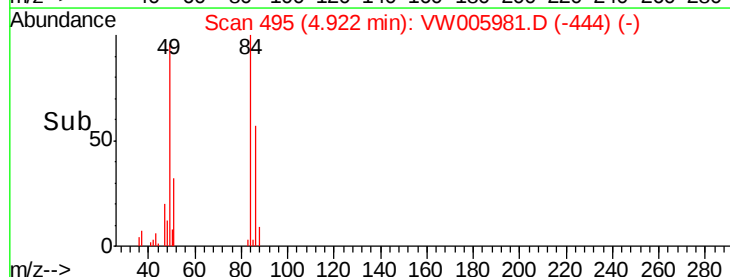
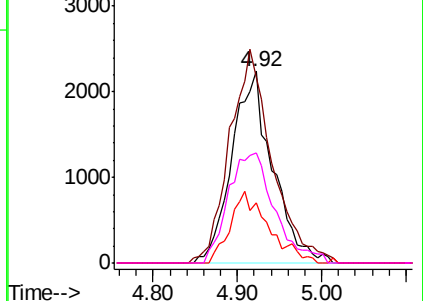


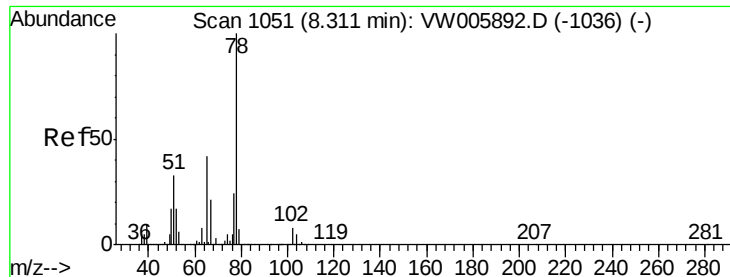
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 45.351 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

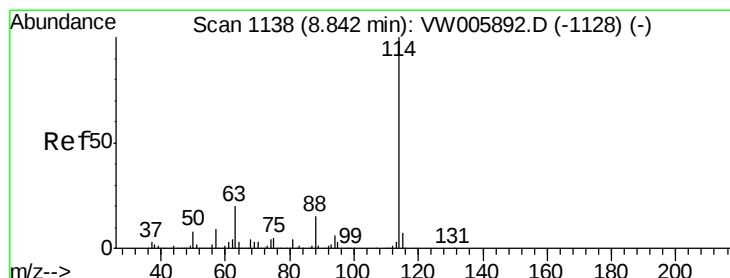
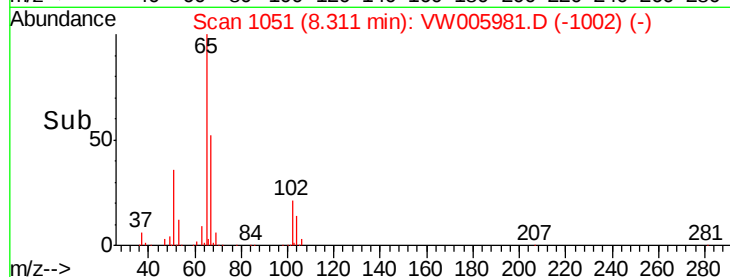
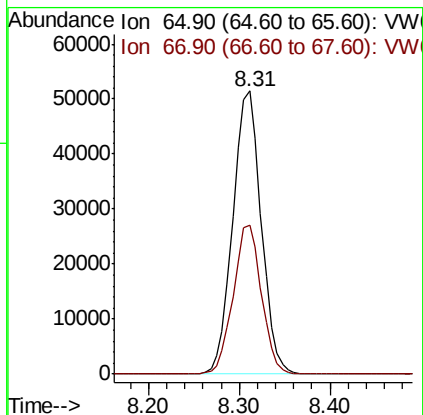
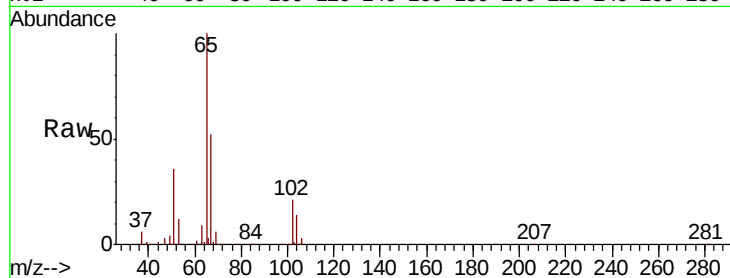
SB-5-(14.5-15)

Tot Ion: 65 Resp: 111708

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

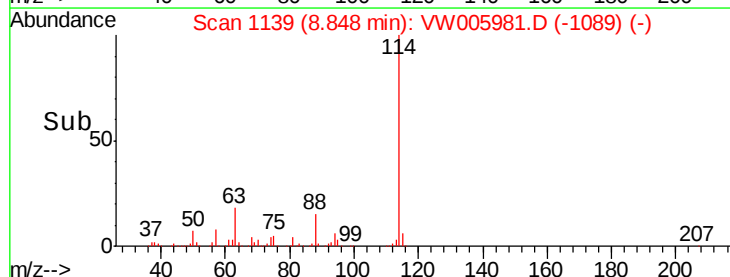
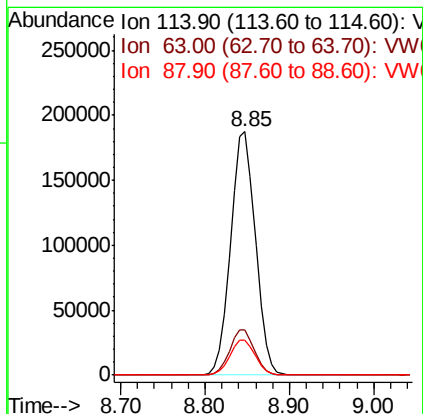
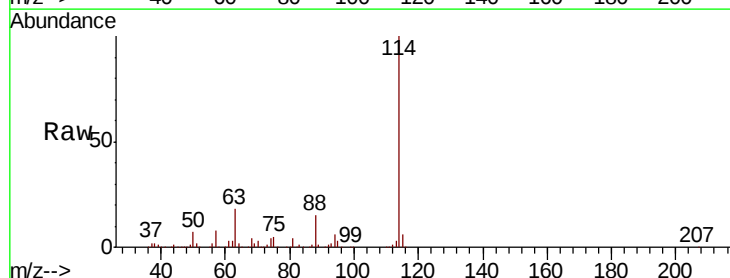
Tgt Ion: 114 Resp: 372384

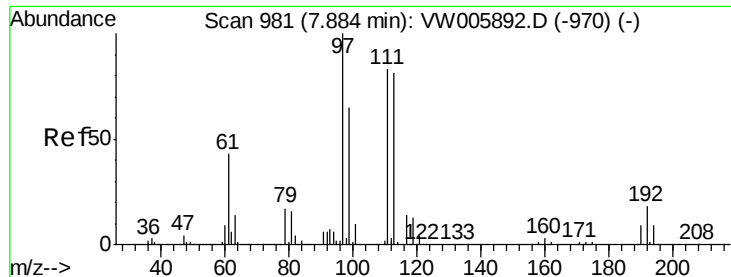
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 14.6 0.0 30.8

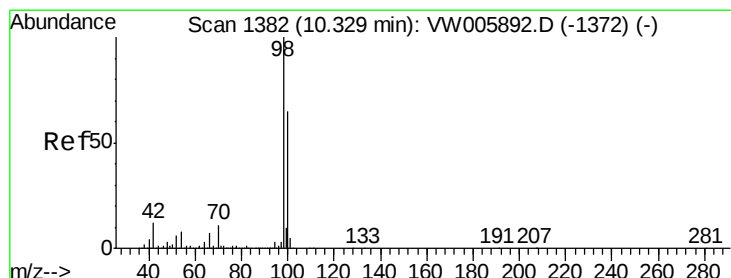
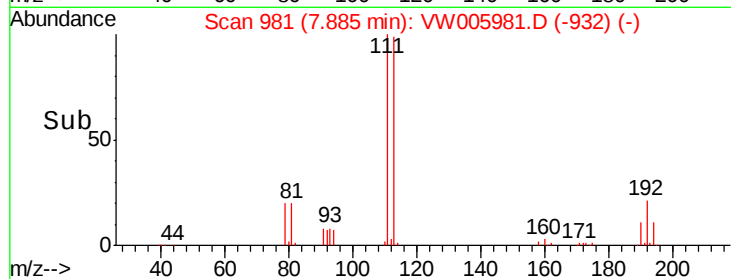
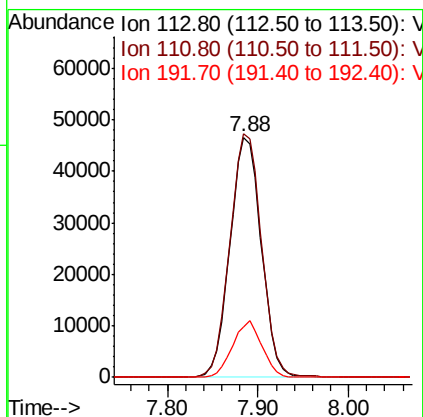
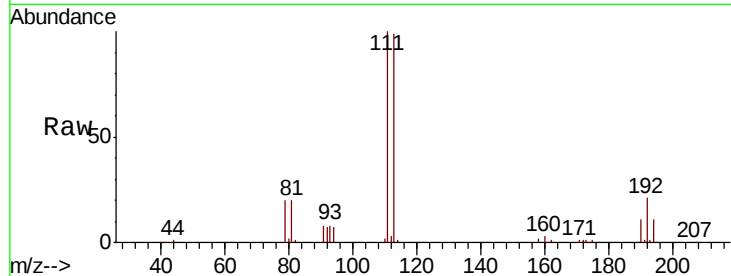




#35
 Dibromofluoromethane
 Concen: 46.810 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005981.D
 Acq: 10 Oct 2018 12:10

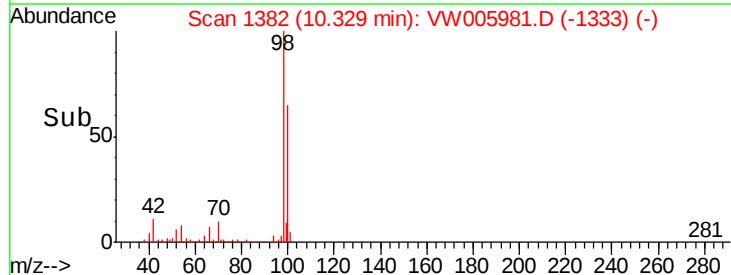
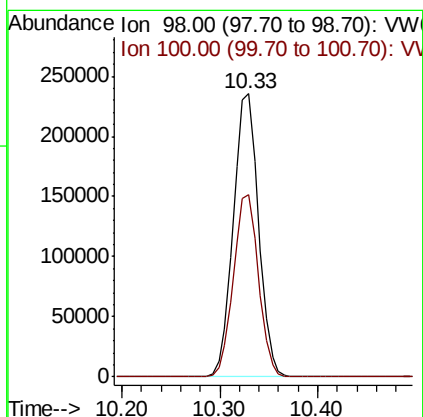
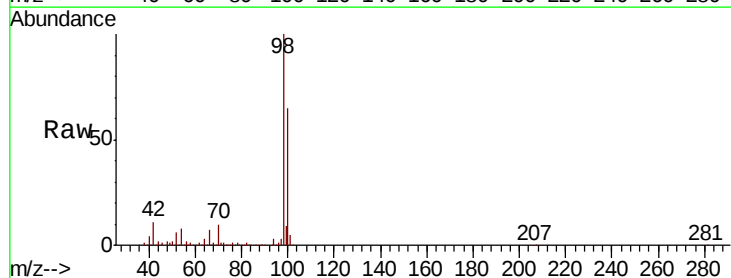
Instrument :
 MSVOA_W
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 SB-5-(14.5-15)

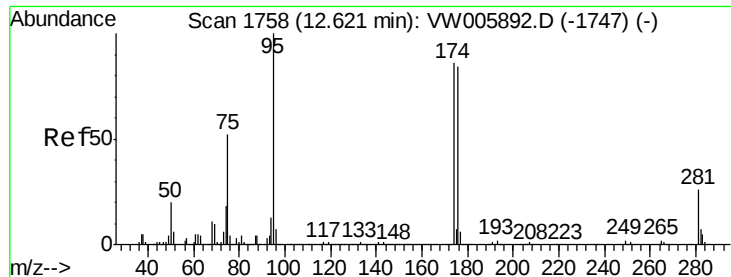
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	22.0	18.3	27.5



#50
 Toluene-d8
 Concen: 46.045 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005981.D
 Acq: 10 Oct 2018 12:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 43.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

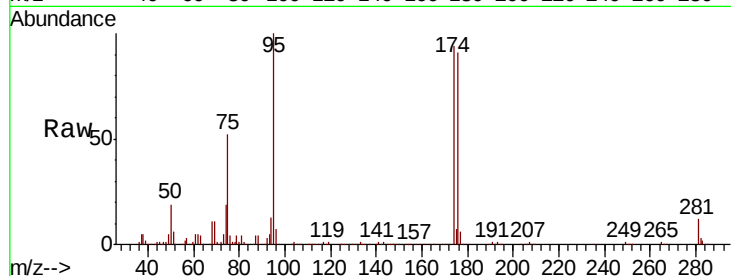
Tot Ion: 95 Resp: 152041

Ion Ratio Lower Upper

95 100

174 93.7 0.0 176.4

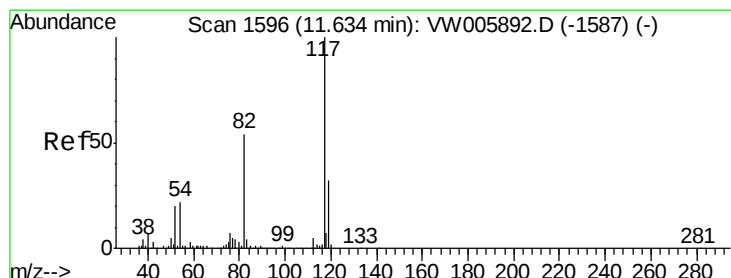
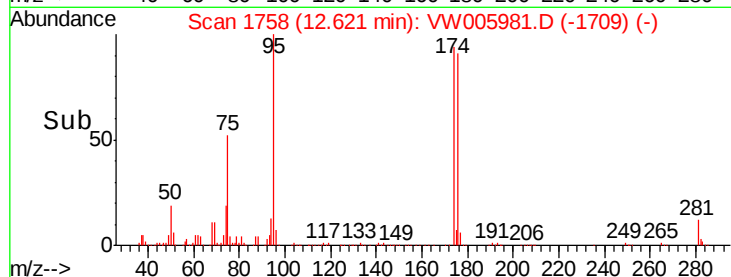
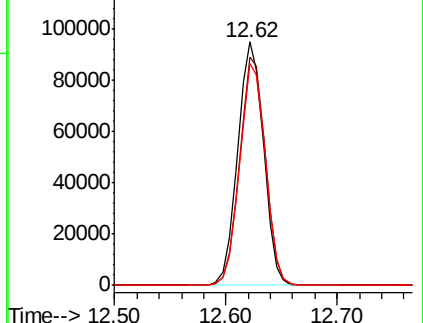
176 91.0 0.0 173.0



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

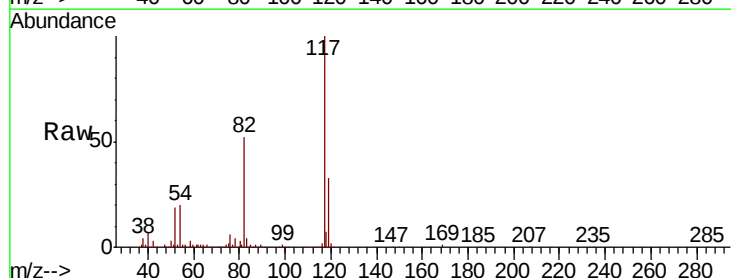
Tgt Ion: 117 Resp: 340116

Ion Ratio Lower Upper

117 100

82 52.2 43.5 65.3

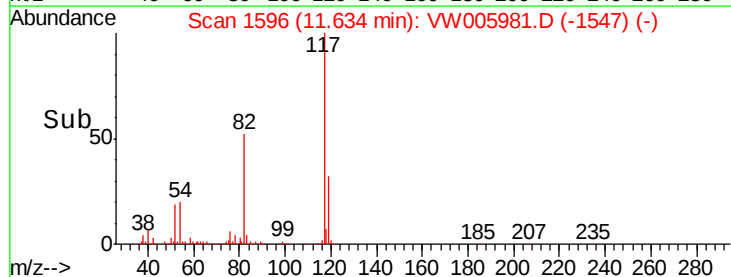
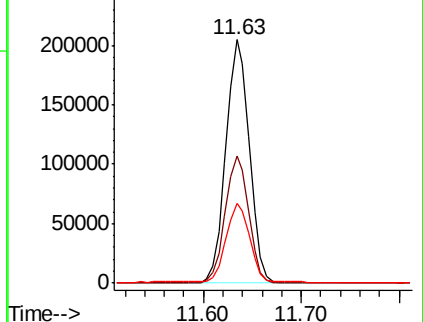
119 32.3 25.4 38.2

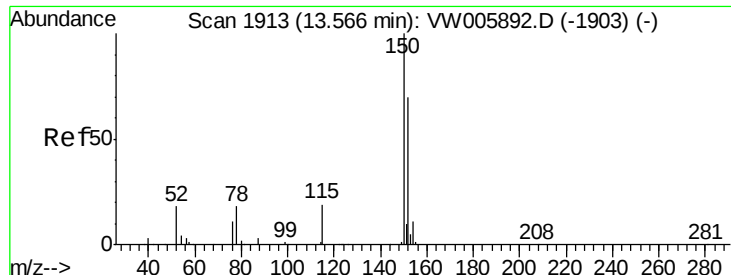


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005981.D

Acq: 10 Oct 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

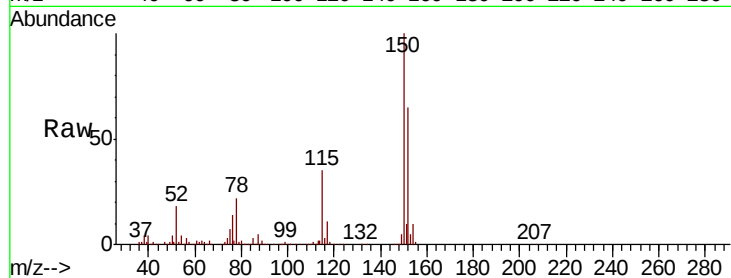
Tot Ion:152 Resp: 184807

Ion Ratio Lower Upper

152 100

115 54.5 28.3 85.0

150 155.4 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

