

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005307.D
 Acq On : 12 Sep 2018 06:47
 Operator : SY/AP
 Sample : J4769-01RE
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-090718-ARE

Quant Time: Sep 12 07:47:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	29051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	40213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	34049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	8970	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
35) Dibromofluoromethane	7.90	113	490	2.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.66%	
50) Toluene-d8	10.33	98	39803	37.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.78%	
62) 4-Bromofluorobenzene	12.63	95	20764	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

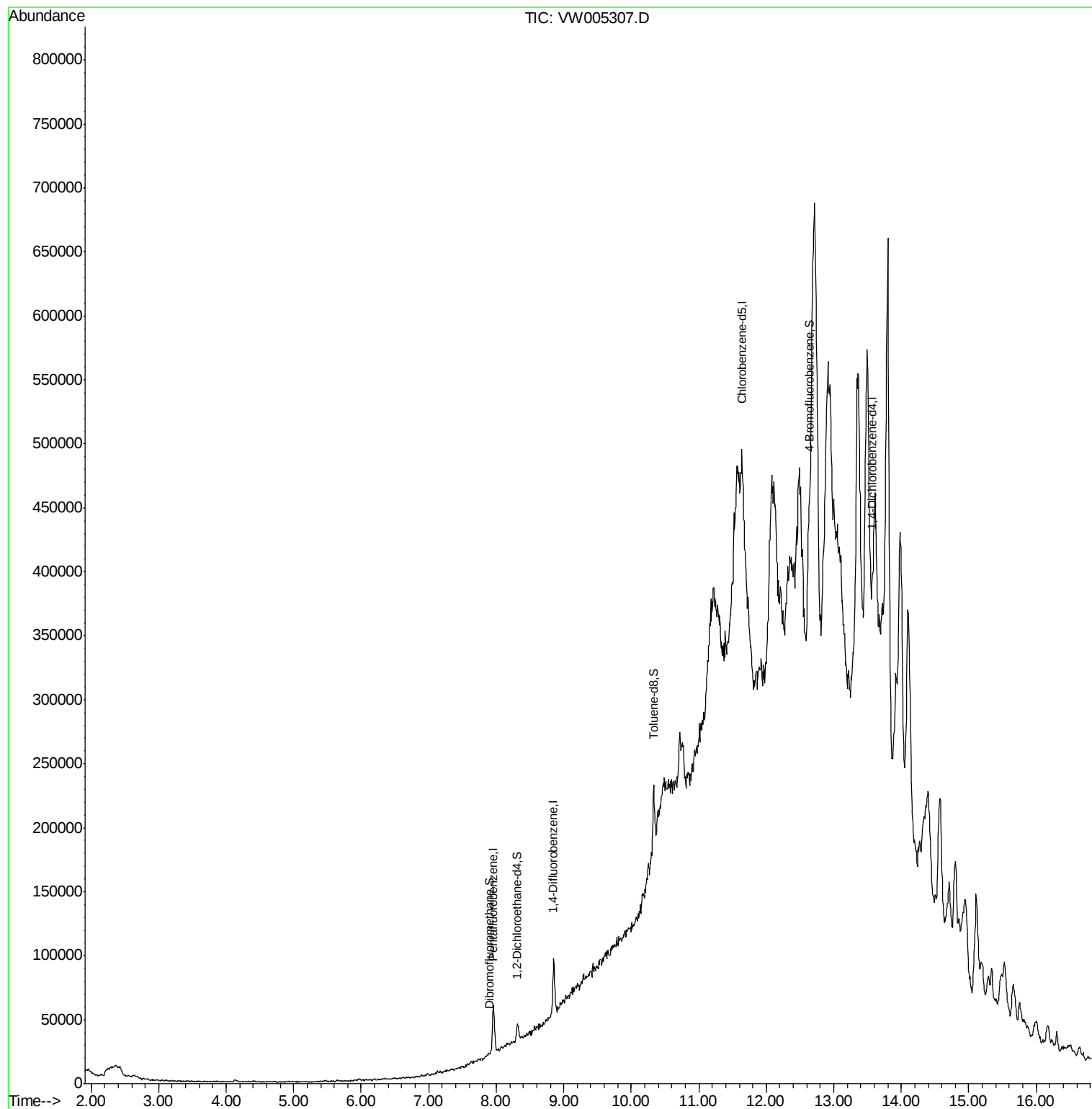
Target Compounds	Qvalue

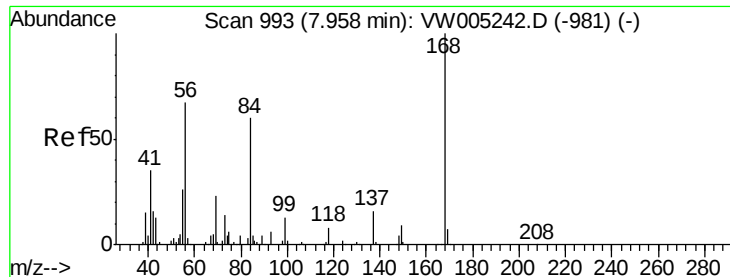
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005307.D

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Instrument :

MSVOA_W

ClientSampleId :

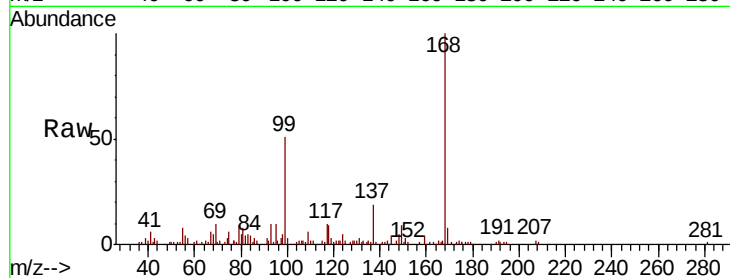
HR-05-090718-ARE

Tot Ion:168 Resp: 29051

Ion Ratio Lower Upper

168 100

99 50.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

15000

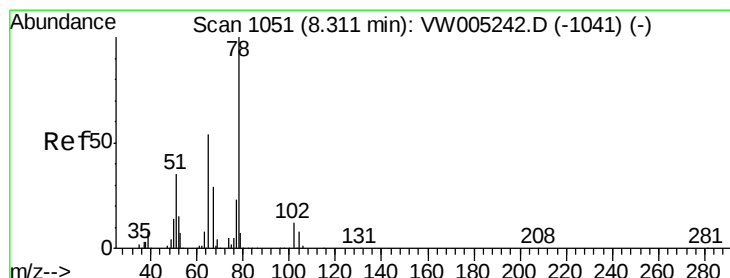
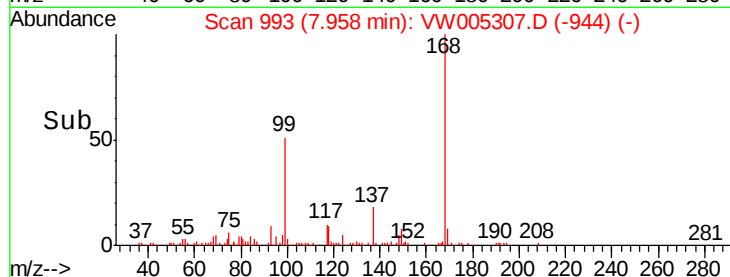
10000

5000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.40 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005307.D

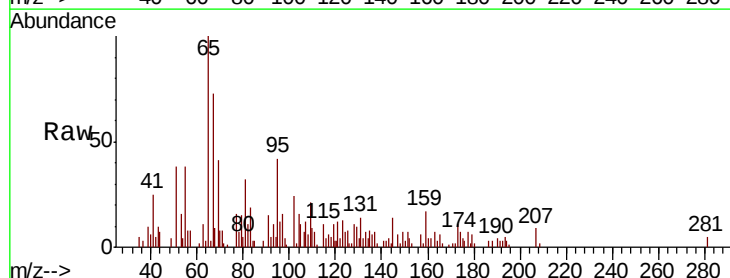
Acq: 12 Sep 2018 06:47

Tgt Ion: 65 Resp: 8970

Ion Ratio Lower Upper

65 100

67 60.1 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.32

4000

3000

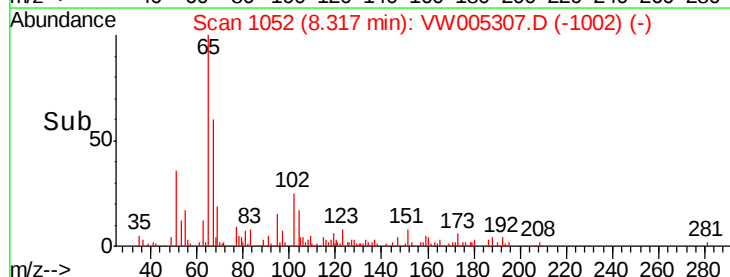
2000

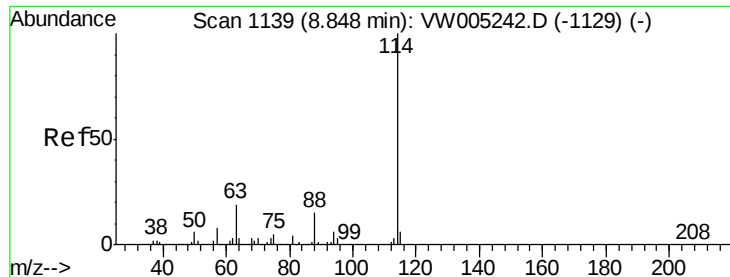
1000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005307.D

Acq: 12 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

HR-05-090718-ARE

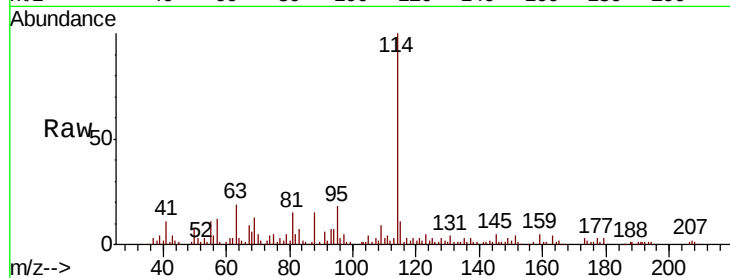
Tot Ion:114 Resp: 40213

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

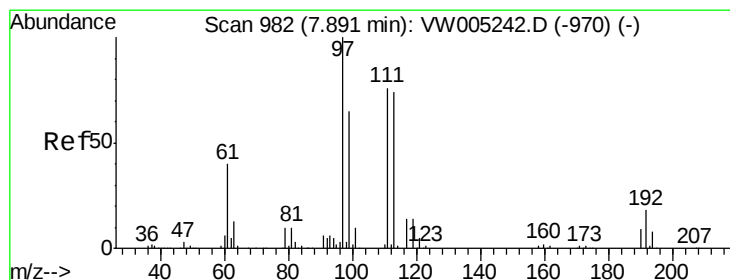
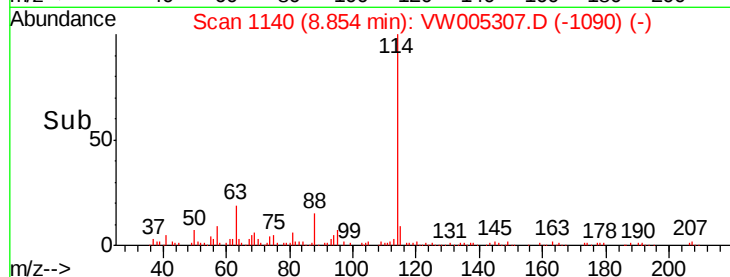
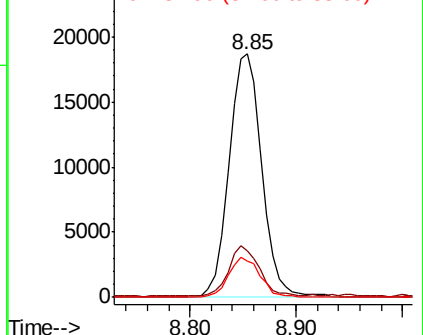
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 2.33 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005307.D

Acq: 12 Sep 2018 06:47

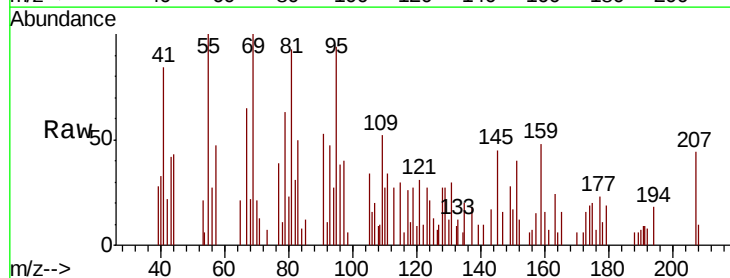
Tgt Ion:113 Resp: 490

Ion Ratio Lower Upper

113 100

111 65.3 80.6 121.0#

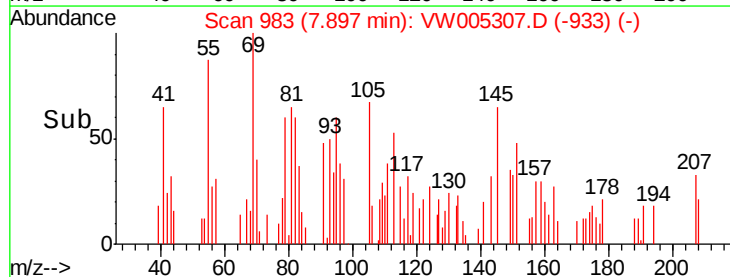
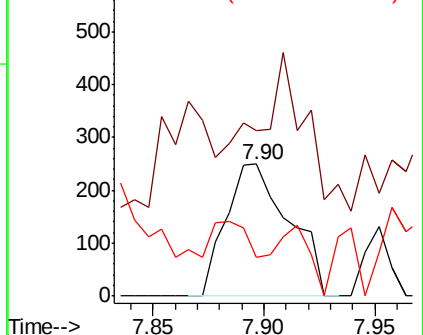
192 24.3 18.3 27.5

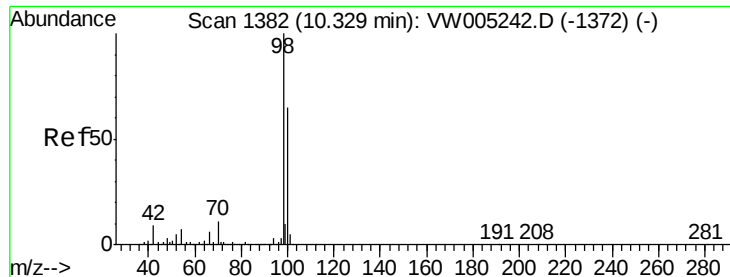


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.39 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005307.D

Acq: 12 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

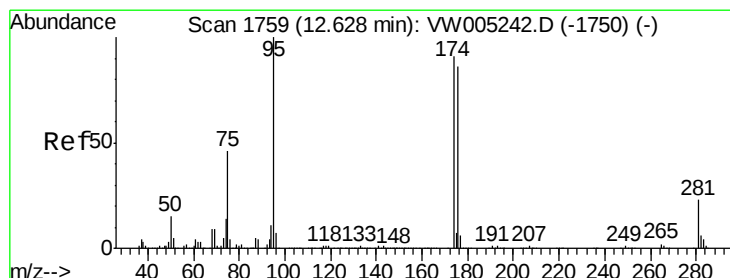
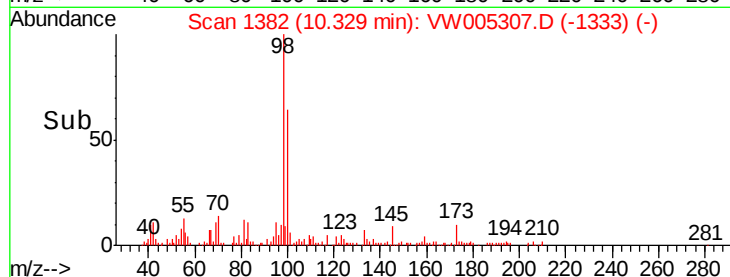
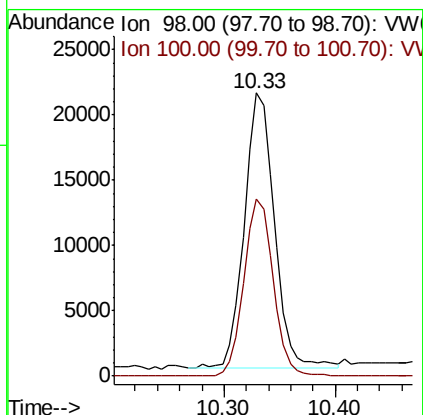
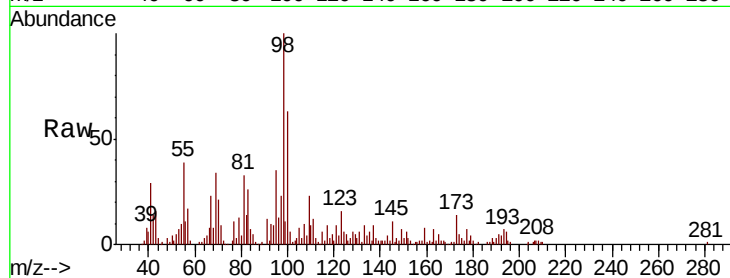
HR-05-090718-ARE

Tot Ion: 98 Resp: 39803

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.33 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. 0.01 min

Lab File: VW005307.D

Acq: 12 Sep 2018 06:47

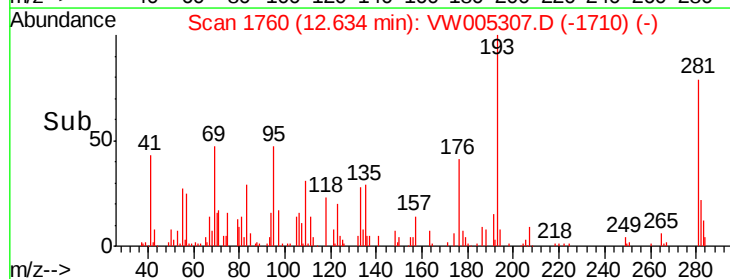
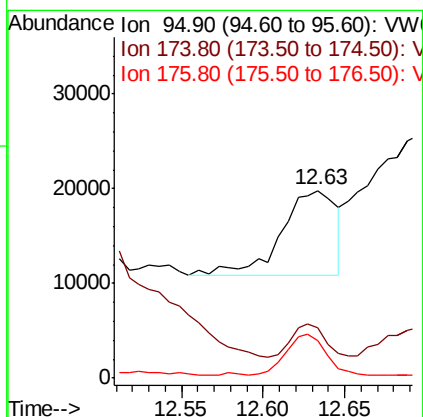
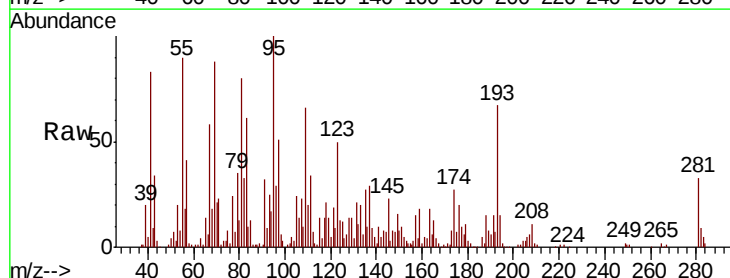
Tgt Ion: 95 Resp: 20764

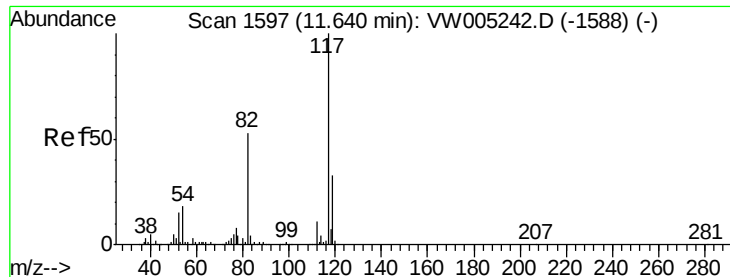
Ion Ratio Lower Upper

95 100

174 23.8 0.0 174.6

176 35.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005307.D

Acq: 12 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

HR-05-090718-ARE

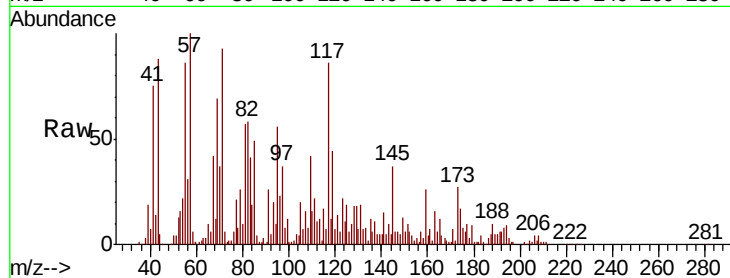
Tot Ion:117 Resp: 34049

Ion Ratio Lower Upper

117 100

82 49.1 42.6 63.8

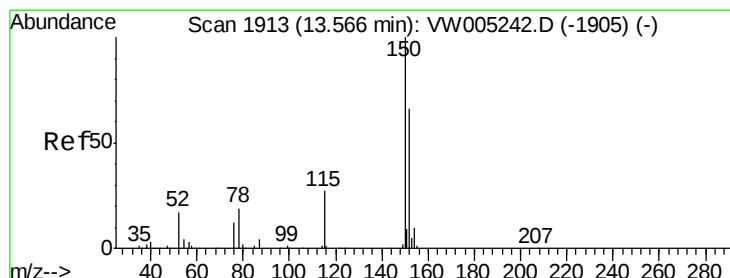
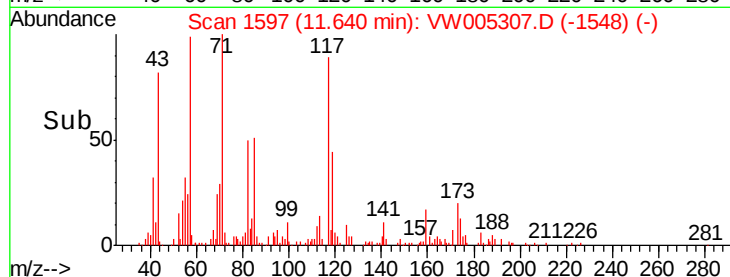
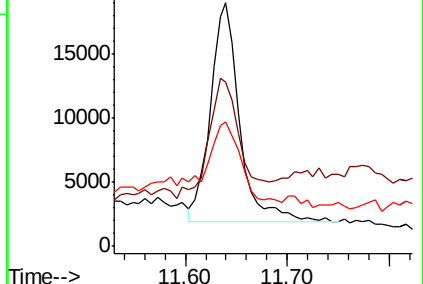
119 36.8 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005307.D

Acq: 12 Sep 2018 06:47

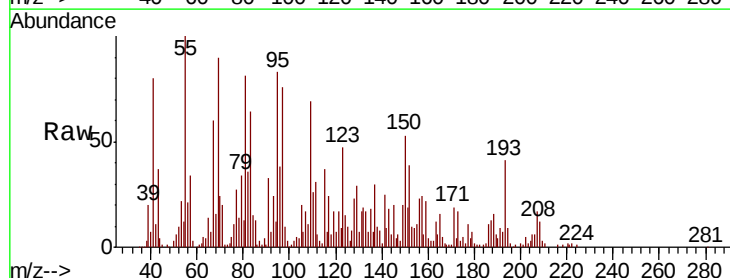
Tgt Ion:152 Resp: 6098

Ion Ratio Lower Upper

152 100

115 0.0 27.5 82.4#

150 168.9 0.0 347.4



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

