

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006688.D
 Acq On : 06 Nov 2018 16:07
 Operator : SY/AP
 Sample : J5769-06
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-3

Quant Time: Nov 06 16:41:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65262	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
35) Dibromofluoromethane	7.88	113	68264	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.33	98	222542	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
62) 4-Bromofluorobenzene	12.62	95	46022	23.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.58%	

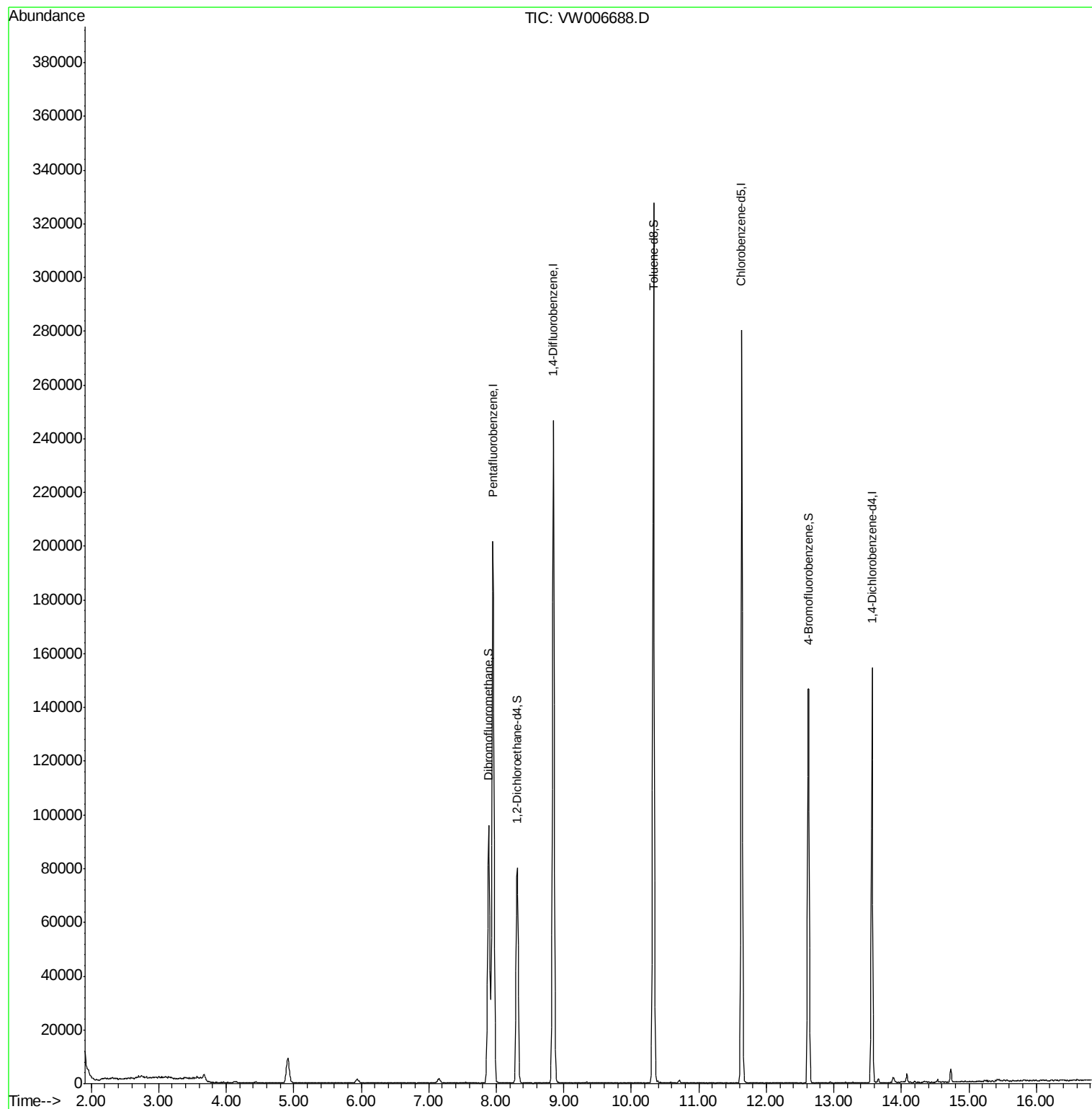
Target Compounds	Qvalue
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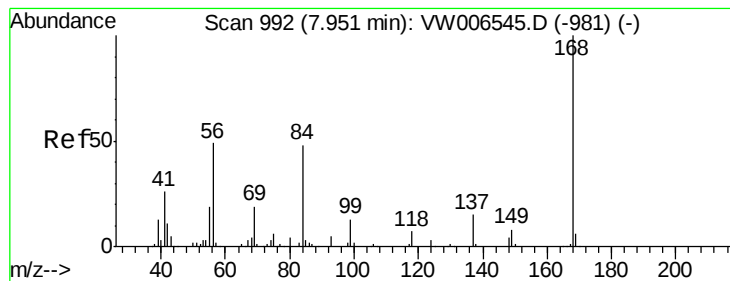
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006688.D

Acq: 06 Nov 2018 16:07

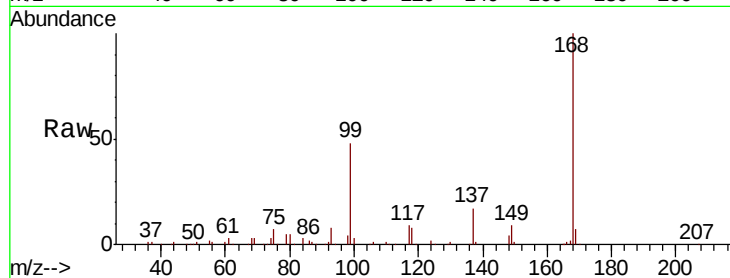
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-3

Tot Ion:168 Resp: 161753

Ion Ratio Lower Upper

168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

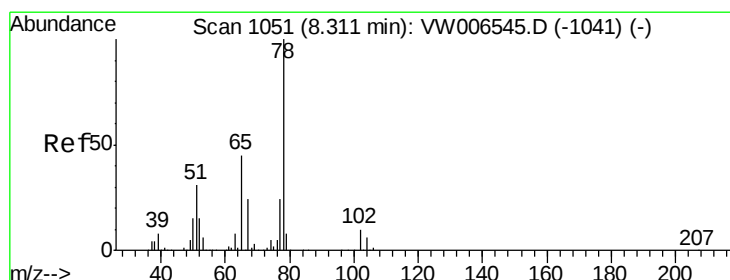
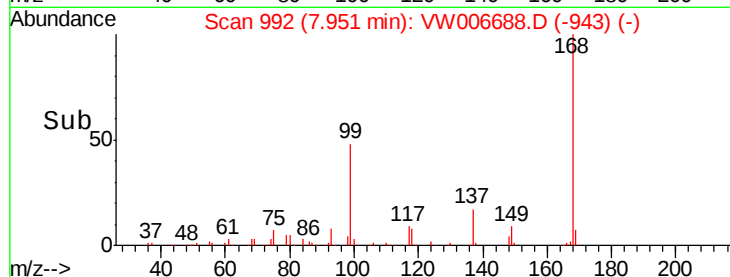
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.937 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006688.D

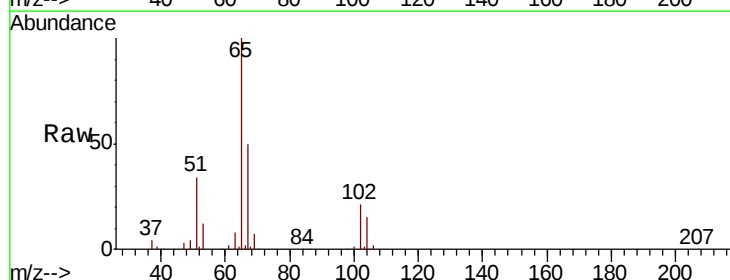
Acq: 06 Nov 2018 16:07

Tgt Ion: 65 Resp: 65262

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

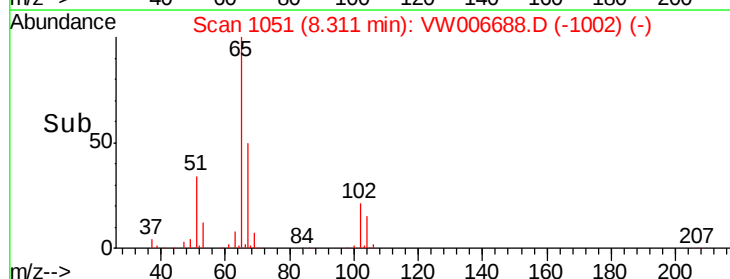
20000

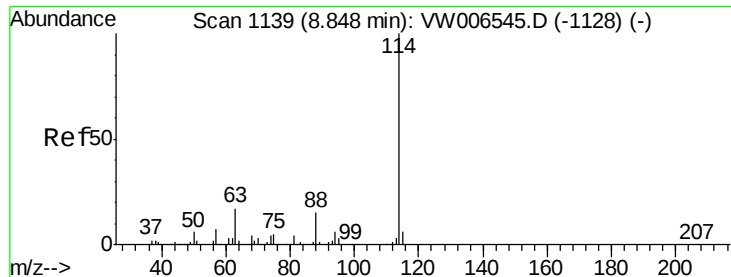
10000

0

8.20 8.25 8.30 8.35 8.40

Time-->

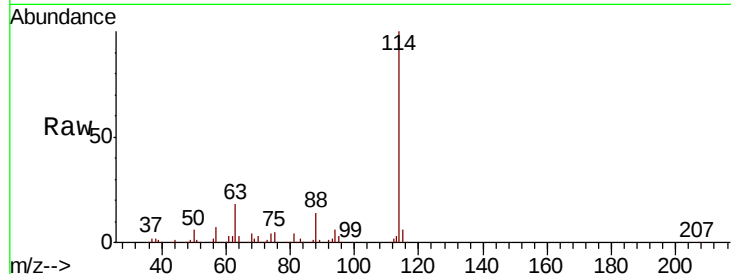




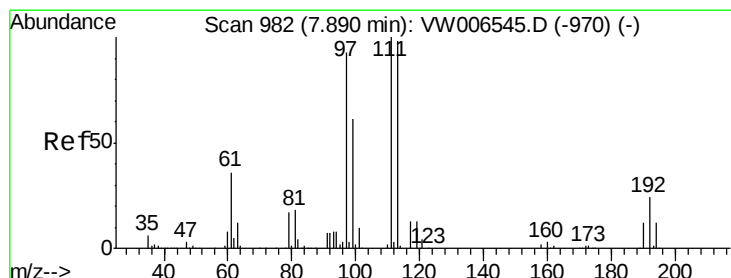
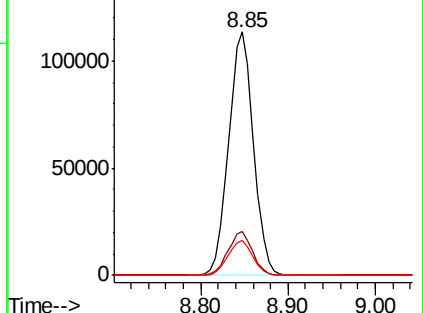
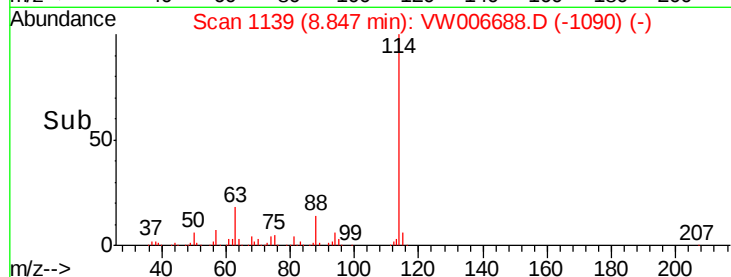
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006688.D
 Acq: 06 Nov 2018 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.4
88	14.3	0.0	29.0

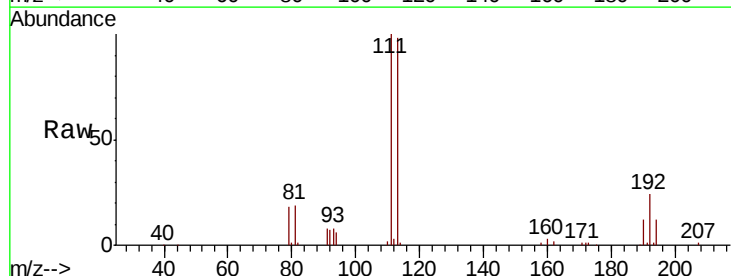


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

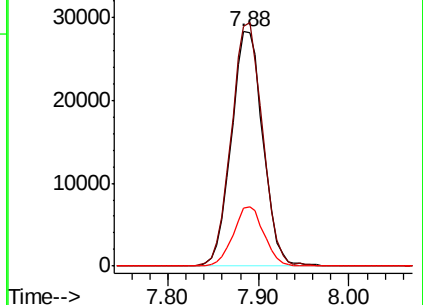
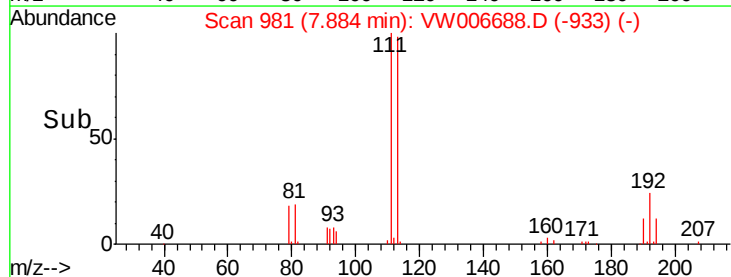


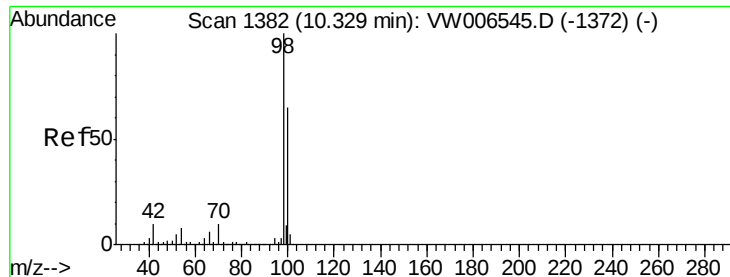
#35
 Dibromofluoromethane
 Concen: 48.702 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006688.D
 Acq: 06 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	24.5	19.0	28.6



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: 41.707 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

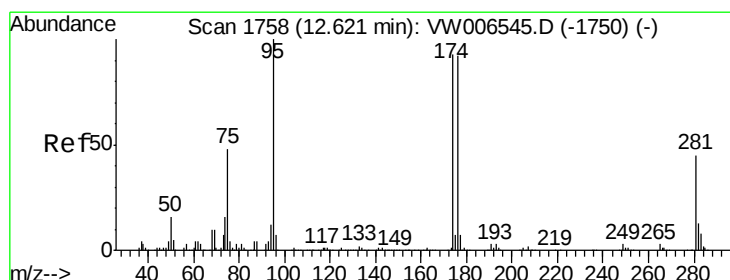
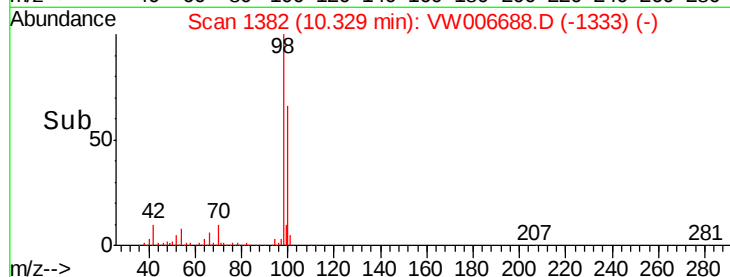
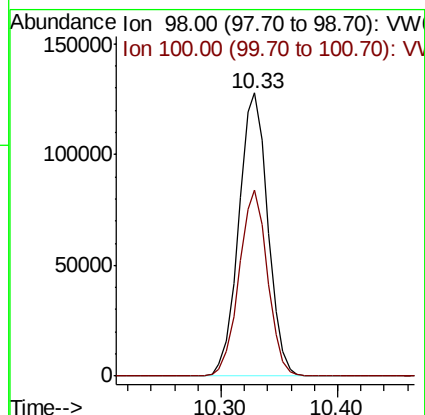
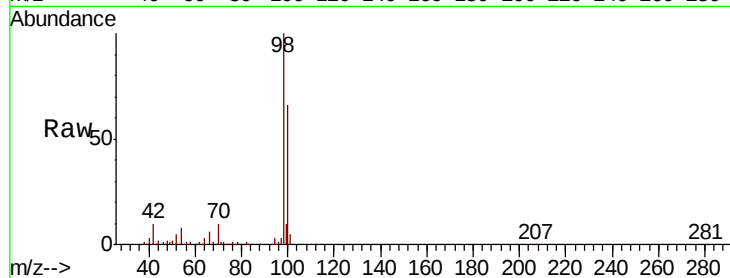
WAGARAW-RD-3

Tot Ion: 98 Resp: 222542

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 23.791 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

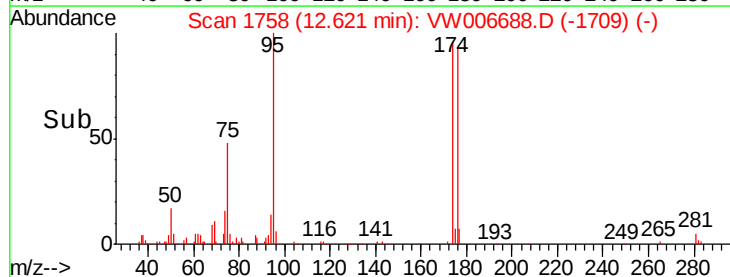
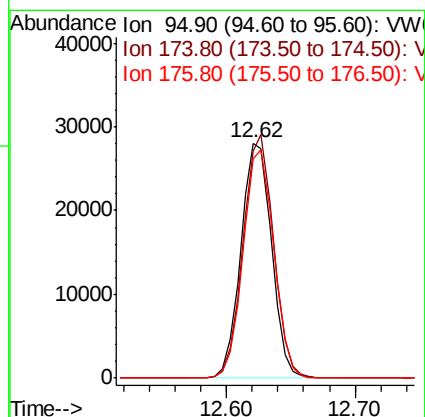
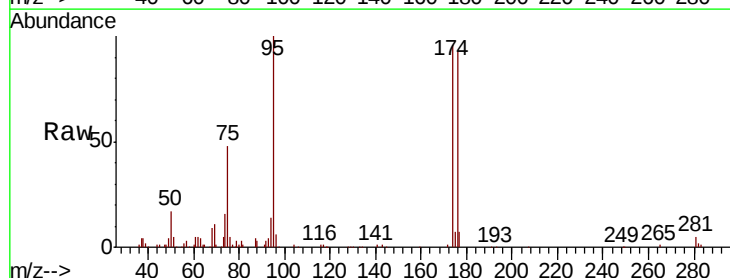
Tgt Ion: 95 Resp: 46022

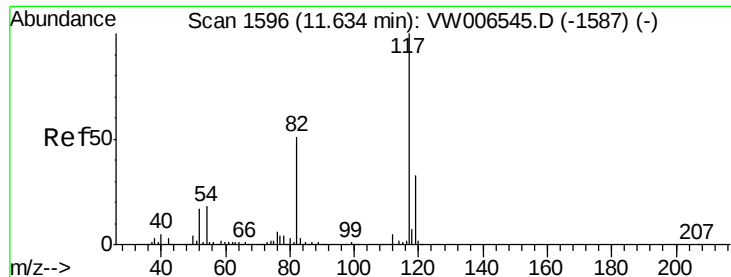
Ion Ratio Lower Upper

95 100

174 102.4 0.0 192.4

176 97.1 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-3

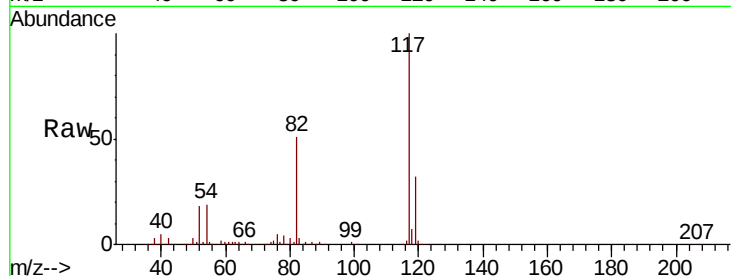
Tot Ion:117 Resp: 163673

Ion Ratio Lower Upper

117 100

82 50.9 40.8 61.2

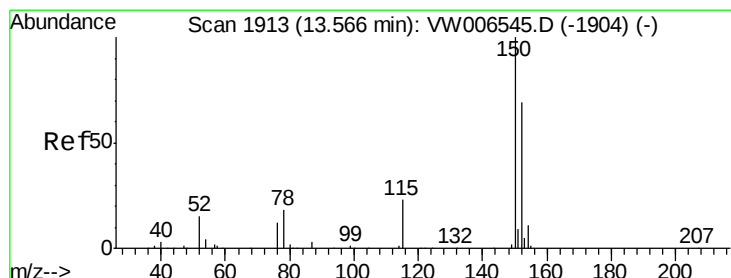
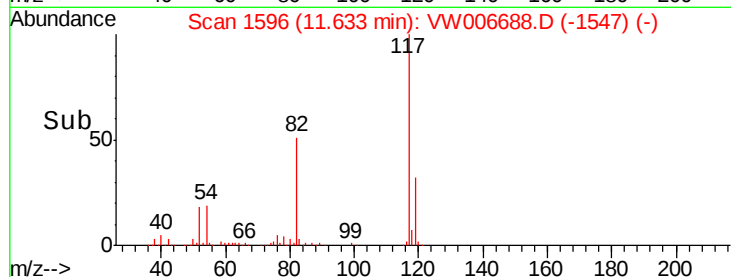
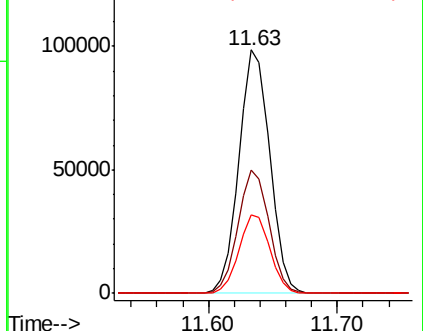
119 32.1 26.1 39.1



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: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

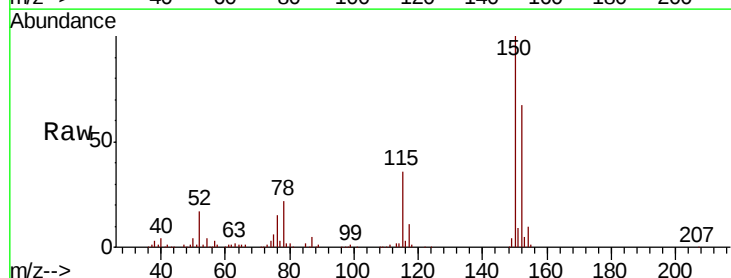
Tgt Ion:152 Resp: 44350

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

150 155.3 0.0 344.6



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

