

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005501.D
 Acq On : 19 Sep 2018 02:49
 Operator : SY/AP
 Sample : VW0918SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL02

Quant Time: Sep 19 07:00:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	291658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	474565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	453831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164868	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.89	113	135186	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.33	98	613899	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.63	95	215021	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

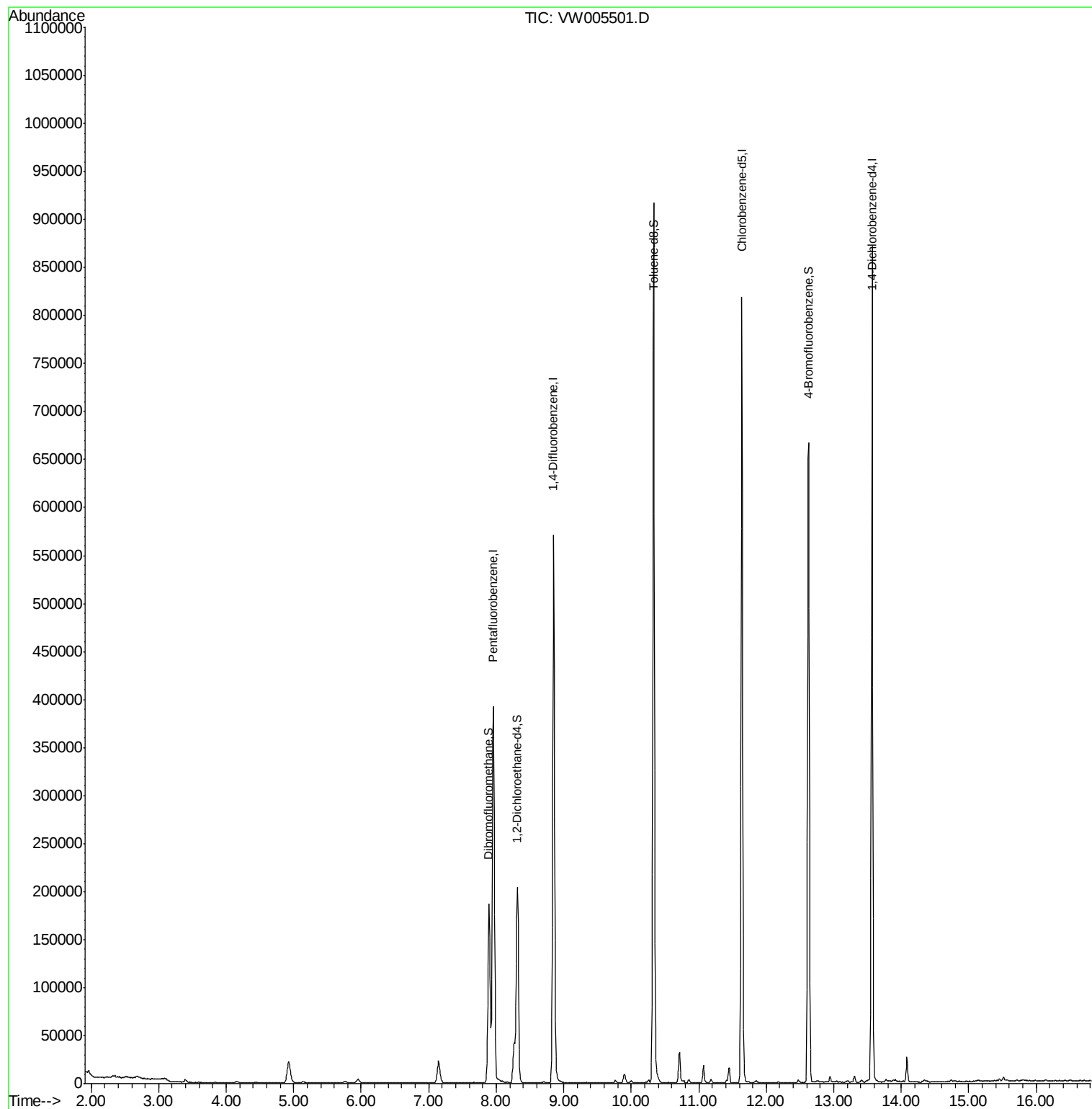
Target Compounds	Qvalue

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

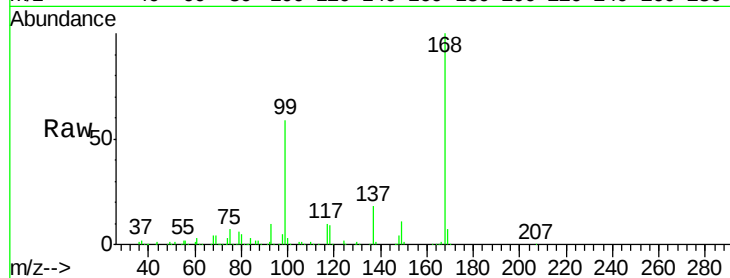
VW0918SBL02

Tot Ion:168 Resp: 291658

Ion Ratio Lower Upper

168 100

99 59.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

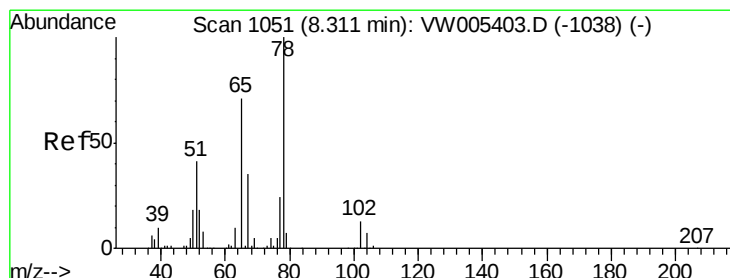
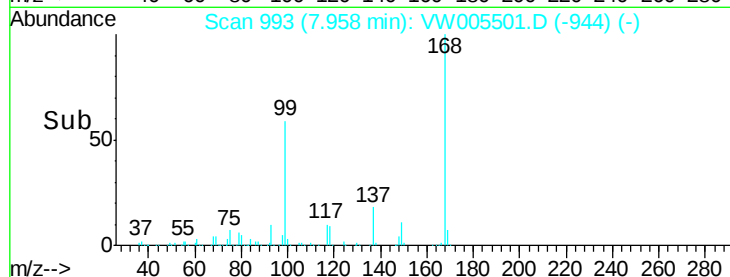
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.46 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005501.D

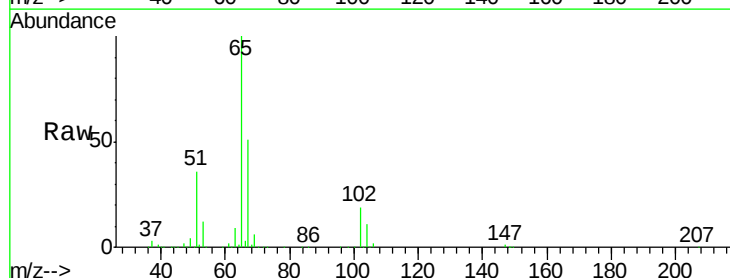
Acq: 19 Sep 2018 02:49

Tgt Ion: 65 Resp: 164868

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

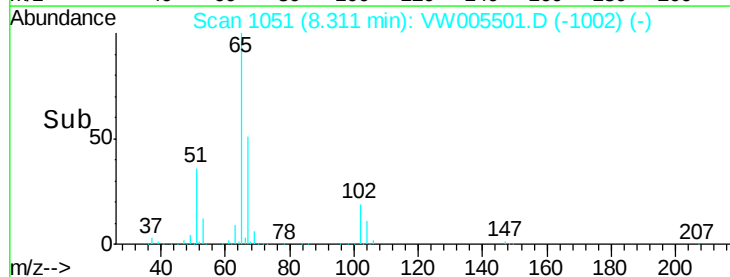
60000

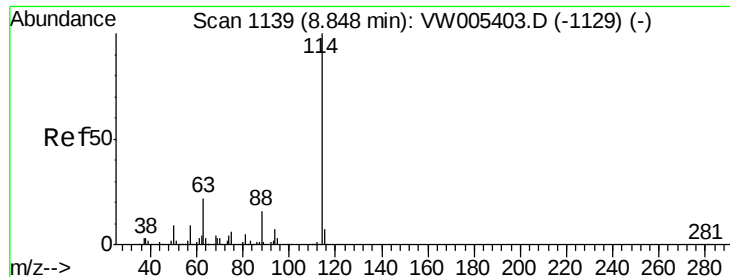
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBL02

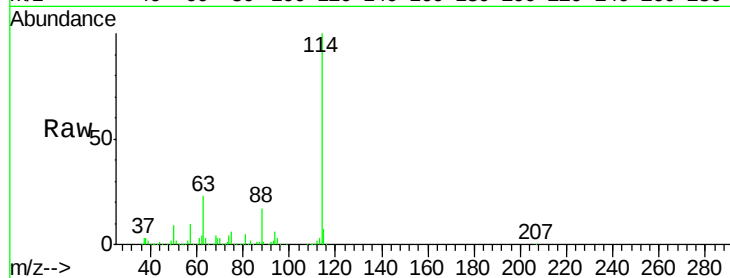
Tot Ion:114 Resp: 474565

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

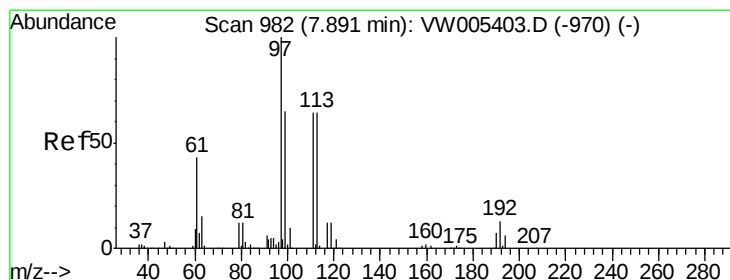
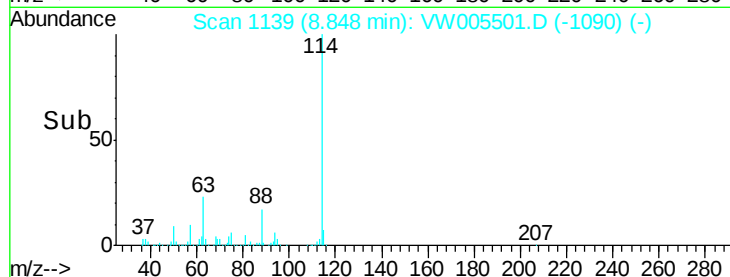
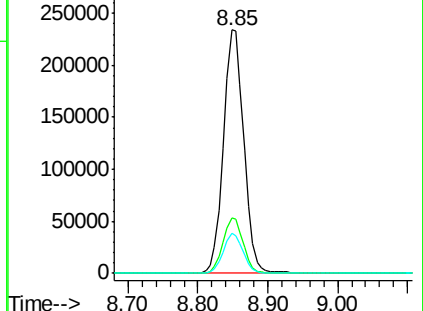
88 16.6 0.0 31.8



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: 50.81 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

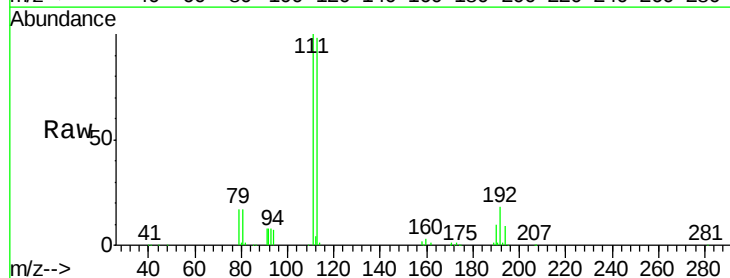
Tgt Ion:113 Resp: 135186

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

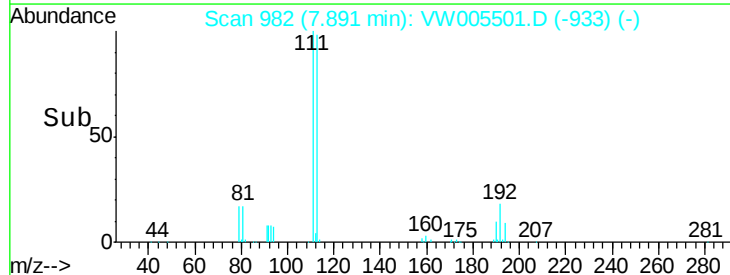
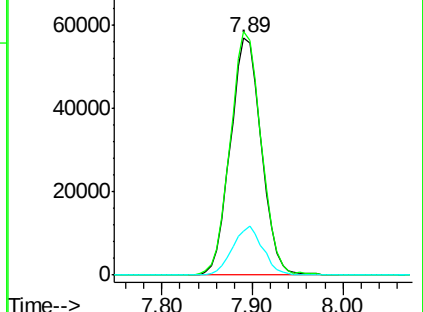
192 20.0 16.5 24.7

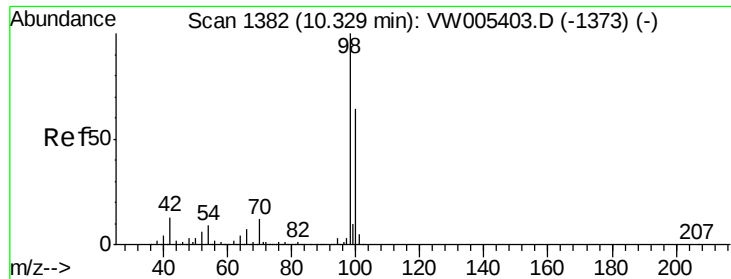


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.38 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

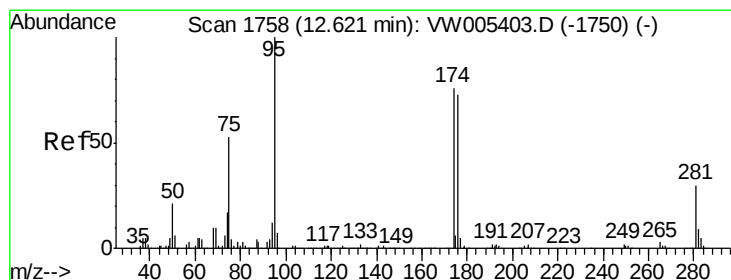
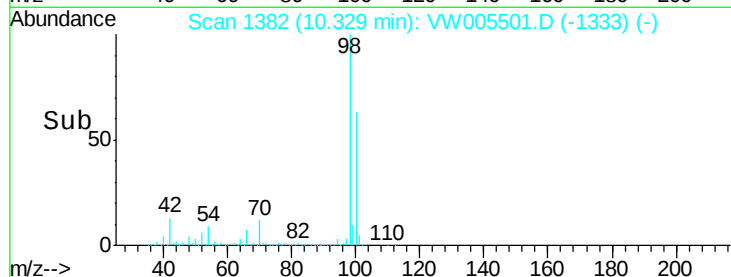
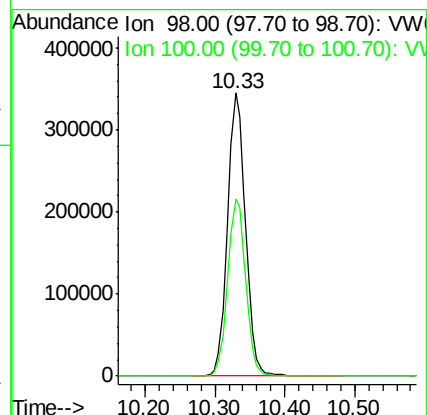
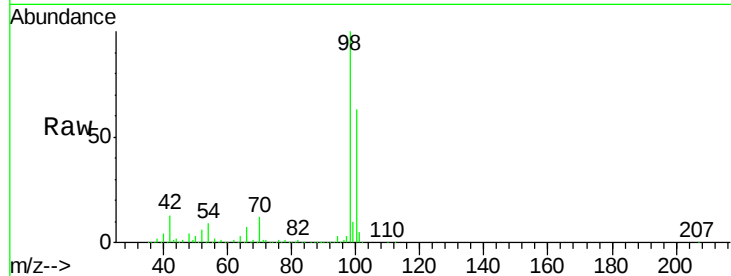
VW0918SBL02

Tot Ion: 98 Resp: 613899

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 48.12 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

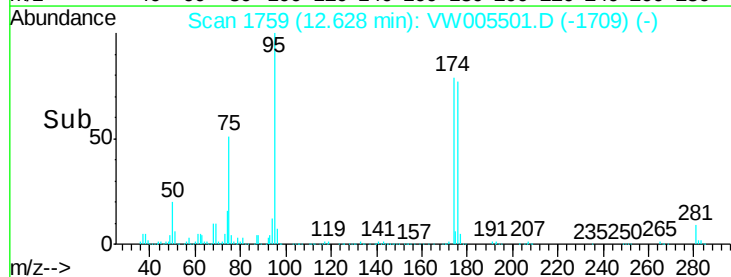
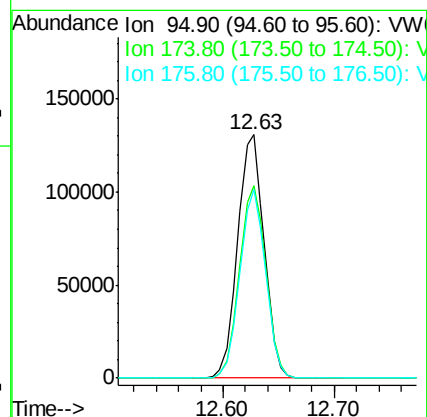
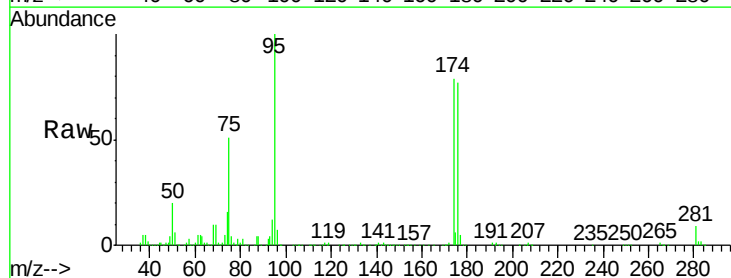
Tgt Ion: 95 Resp: 215021

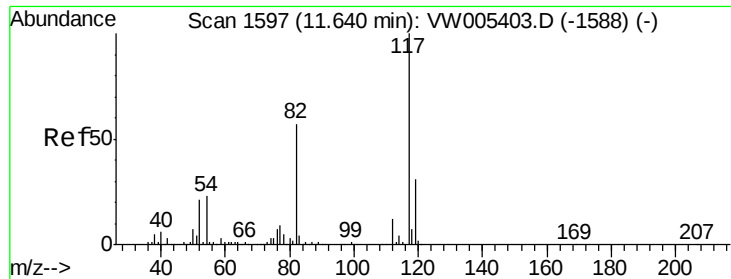
Ion Ratio Lower Upper

95 100

174 79.0 0.0 161.2

176 75.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBL02

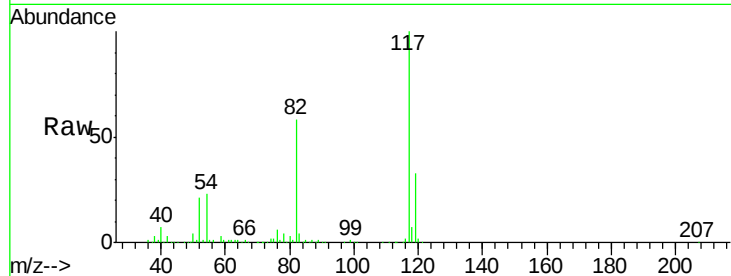
Tot Ion:117 Resp: 453831

Ion Ratio Lower Upper

117 100

82 57.7 45.9 68.9

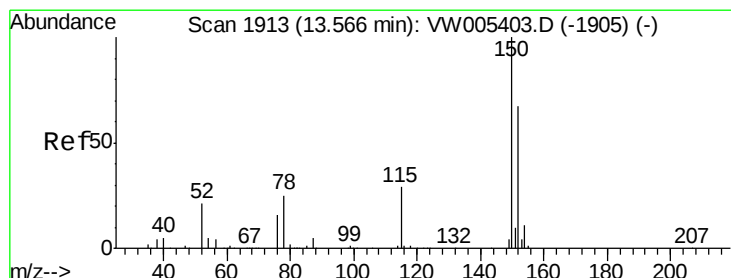
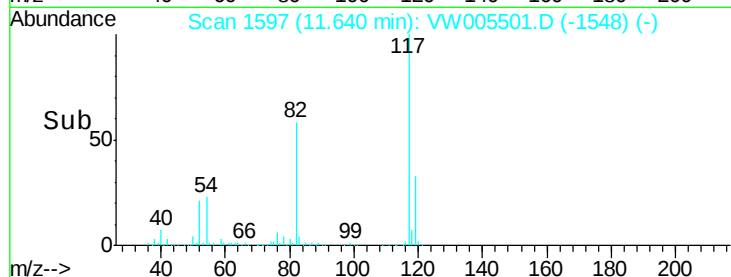
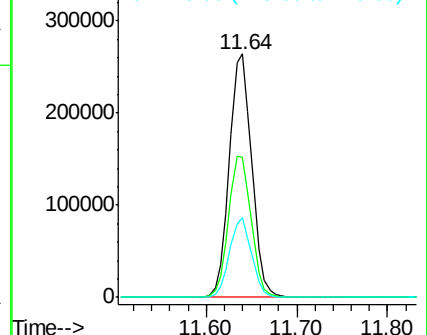
119 32.6 24.8 37.2



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: VW005501.D

Acq: 19 Sep 2018 02:49

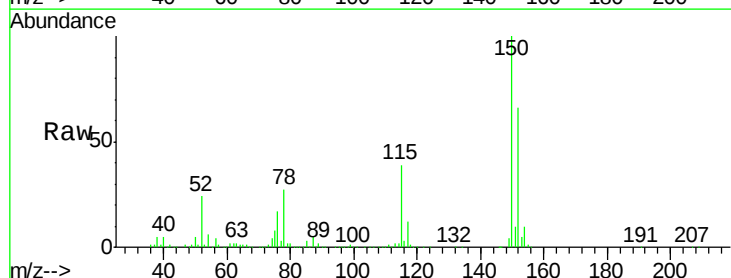
Tgt Ion:152 Resp: 218764

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

150 154.9 0.0 345.6



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

