

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006752.D
 Acq On : 07 Nov 2018 22:08
 Operator : SY/AP
 Sample : J5813-01
 Misc : 6.76G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-A

Quant Time: Nov 09 10:40:15 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	270915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164718	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91944	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	
35) Dibromofluoromethane	7.88	113	98214	39.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.18%	
50) Toluene-d8	10.33	98	320231	33.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.96%	
62) 4-Bromofluorobenzene	12.62	95	100298	28.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.84%	

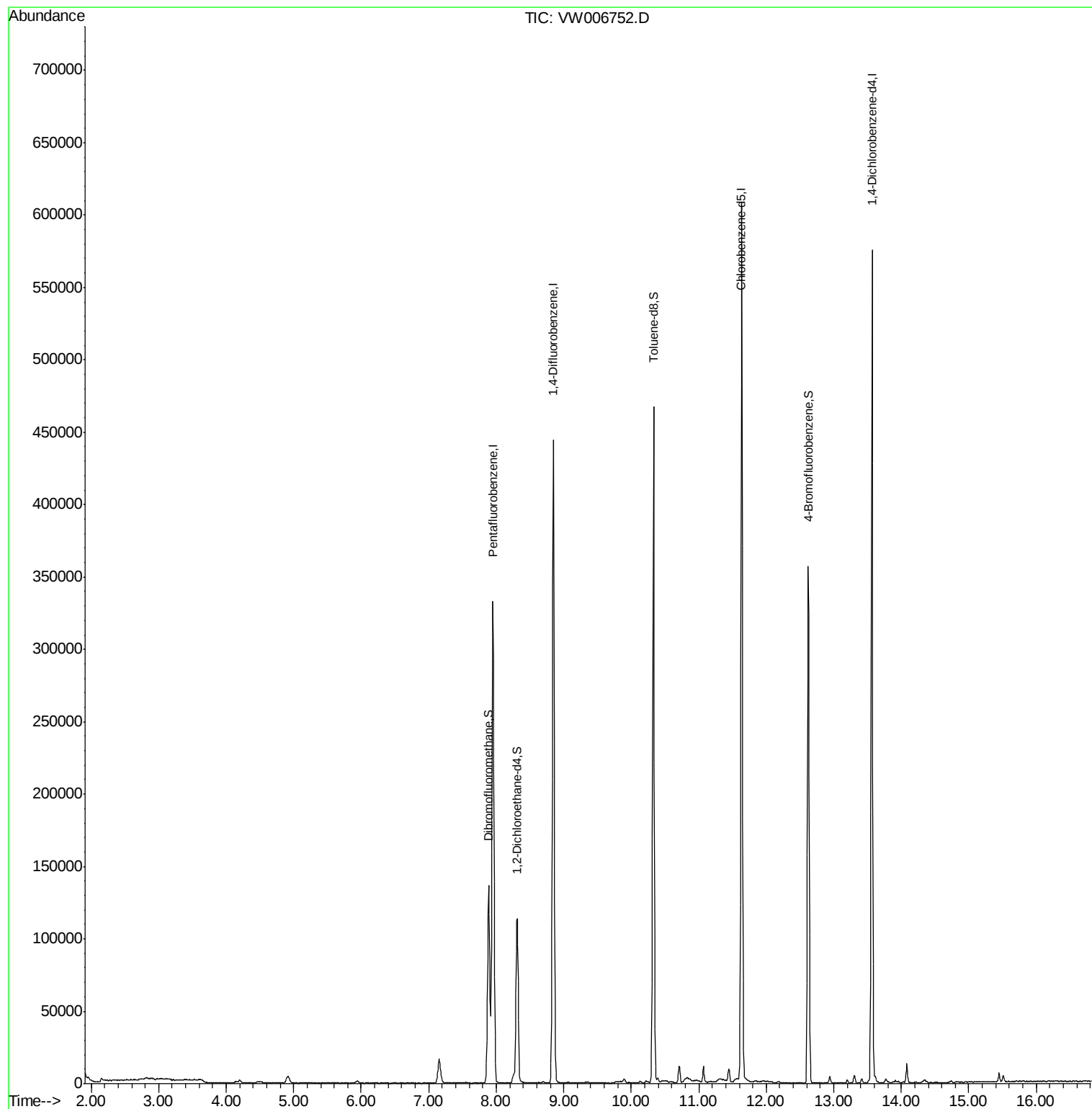
Target Compounds	Qvalue

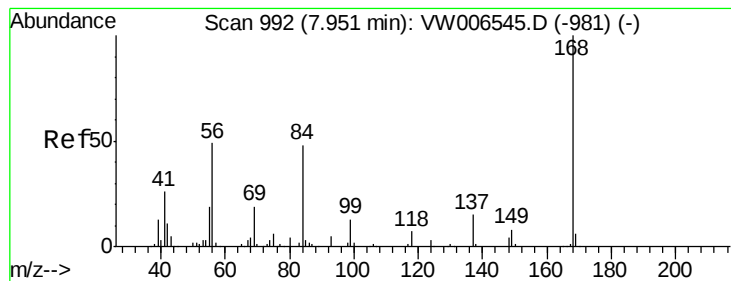
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006752.D

Acq: 07 Nov 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

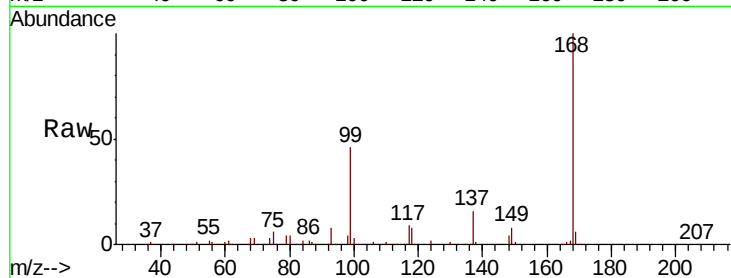
TS-A

Tot Ion:168 Resp: 270915

Ion Ratio Lower Upper

168 100

99 46.5 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

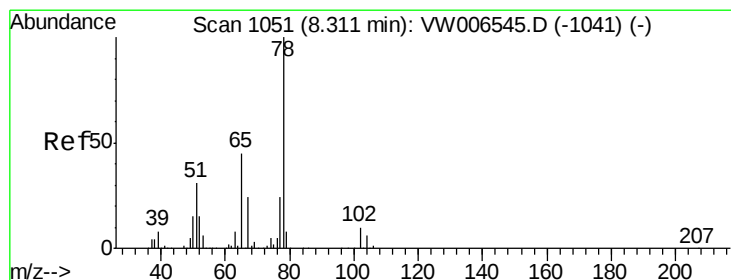
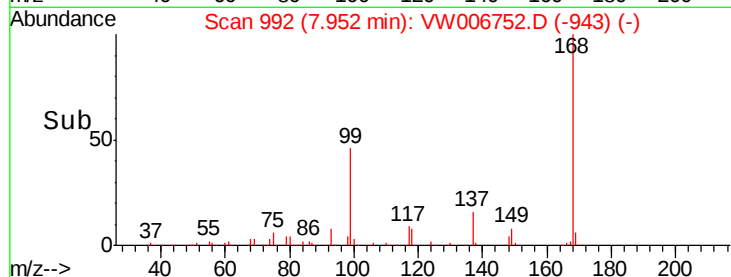
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 39.482 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006752.D

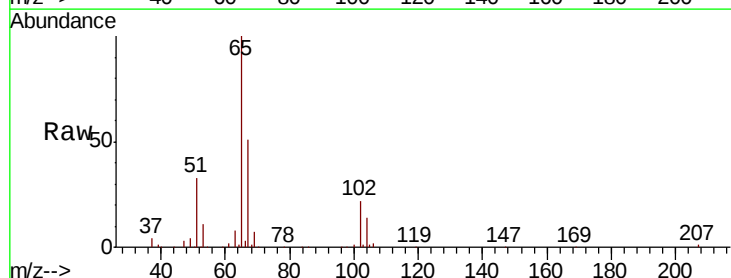
Acq: 07 Nov 2018 22:08

Tgt Ion: 65 Resp: 91944

Ion Ratio Lower Upper

65 100

67 51.7 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

50000

40000

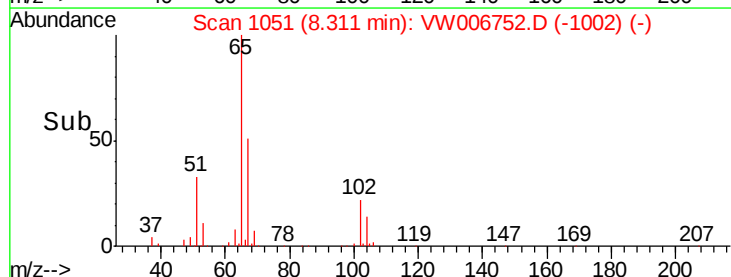
30000

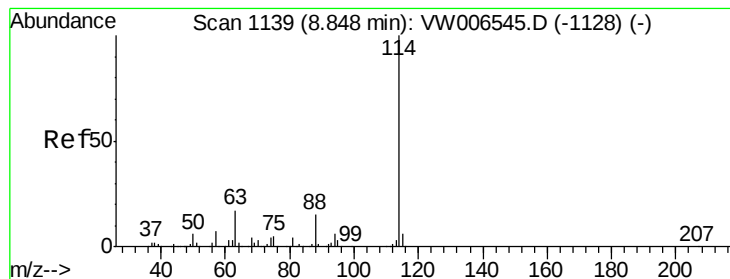
20000

10000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006752.D

Acq: 07 Nov 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

TS-A

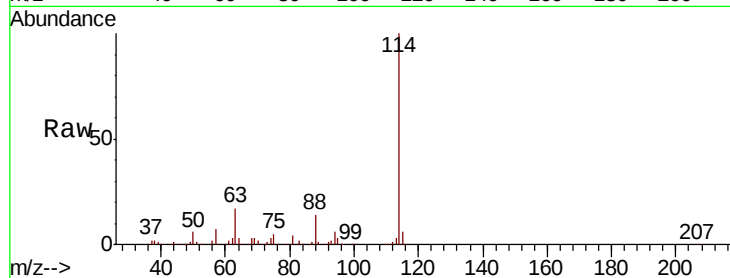
Tot Ion:114 Resp: 400393

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

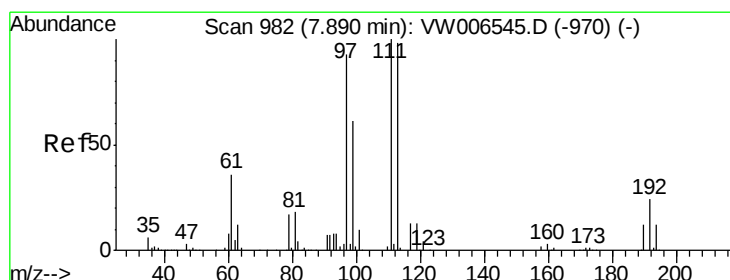
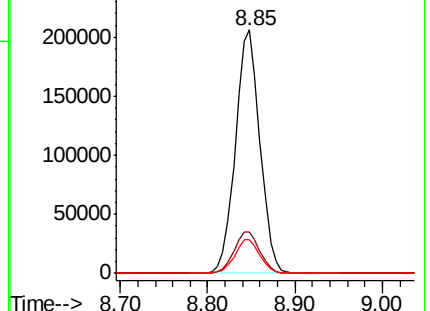
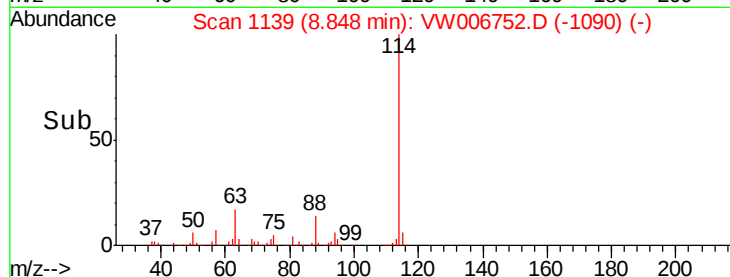
88 14.1 0.0 29.0



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: 39.086 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006752.D

Acq: 07 Nov 2018 22:08

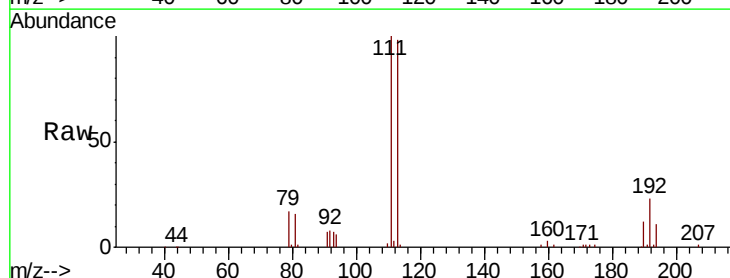
Tgt Ion:113 Resp: 98214

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

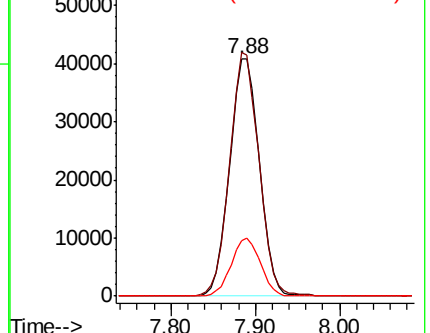
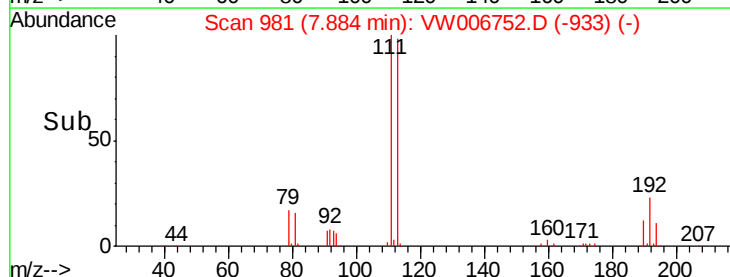
192 23.6 19.0 28.6

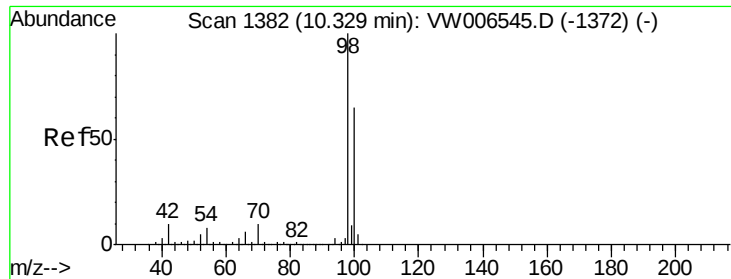


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.477 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006752.D

Acq: 07 Nov 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

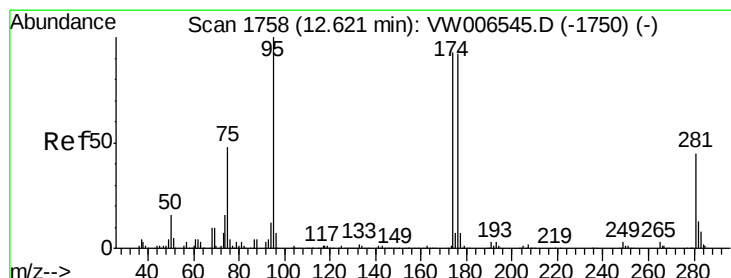
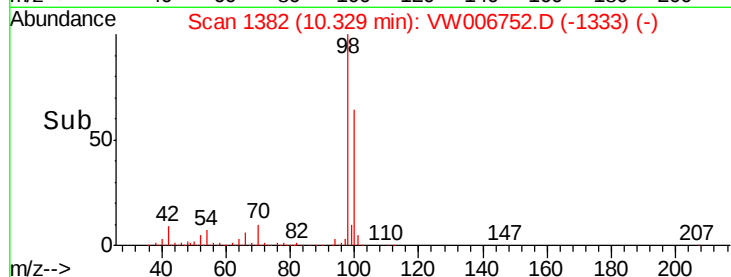
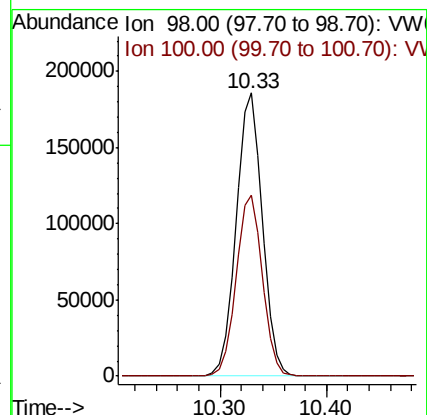
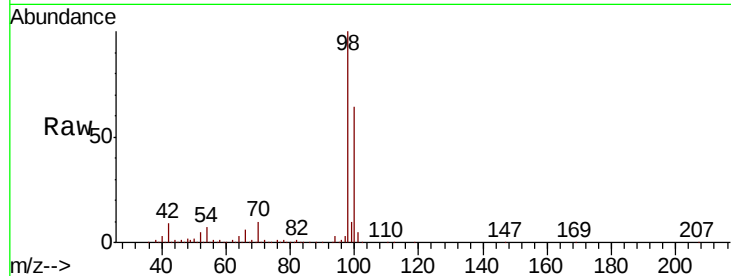
TS-A

Tot Ion: 98 Resp: 320231

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 28.921 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006752.D

Acq: 07 Nov 2018 22:08

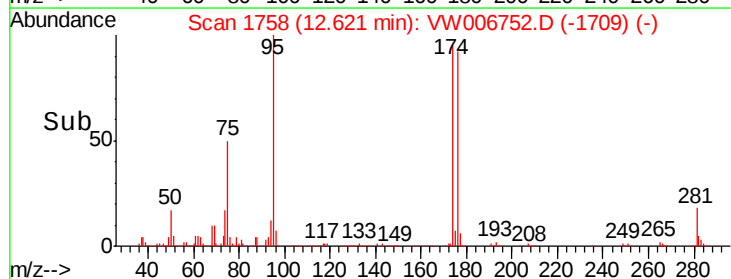
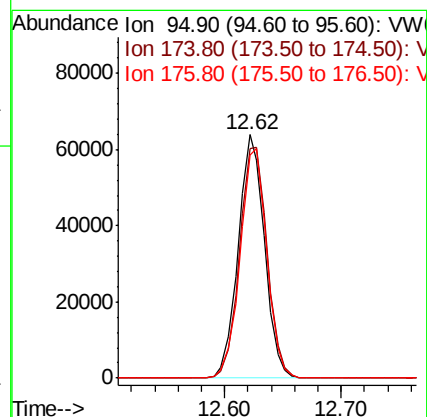
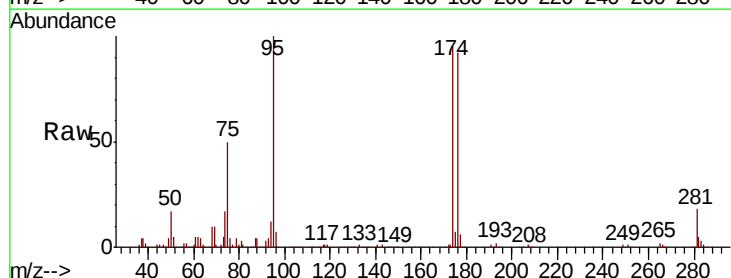
Tgt Ion: 95 Resp: 100298

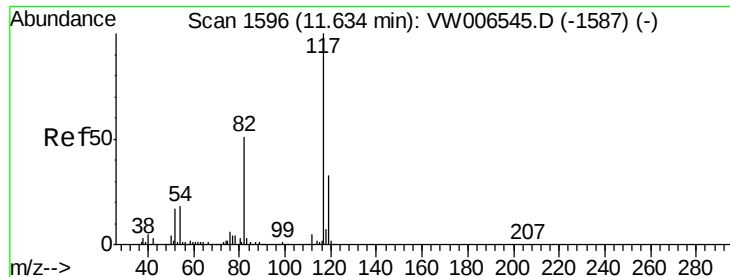
Ion Ratio Lower Upper

95 100

174 100.0 0.0 192.4

176 96.2 0.0 187.4

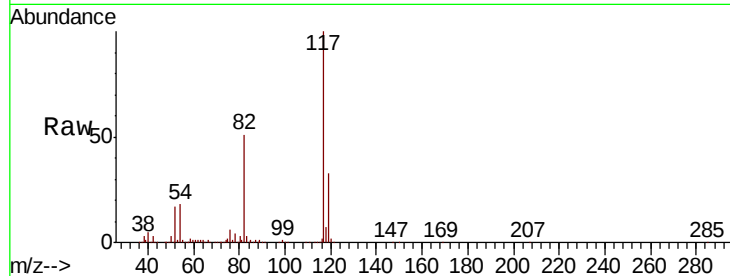




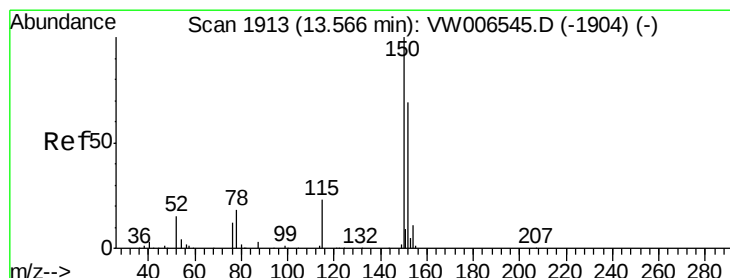
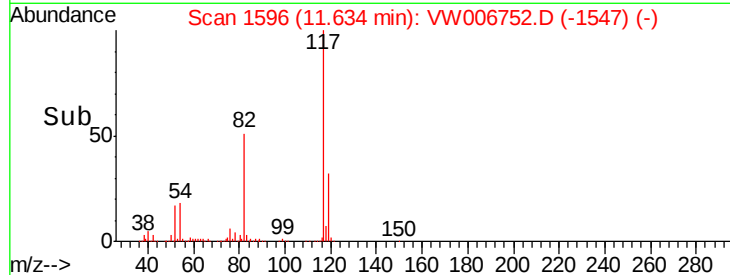
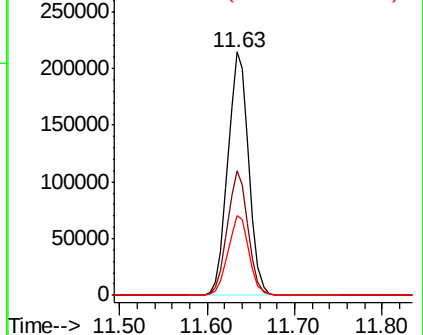
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006752.D
Acq: 07 Nov 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
TS-A

Tot Ion:117 Resp: 355573
Ion Ratio Lower Upper
117 100
82 50.9 40.8 61.2
119 32.4 26.1 39.1

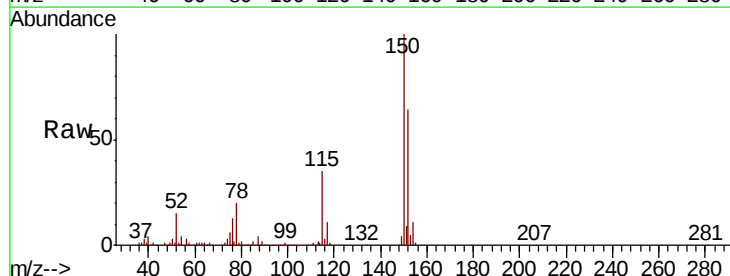


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006752.D
Acq: 07 Nov 2018 22:08

Tgt Ion:152 Resp: 164718
Ion Ratio Lower Upper
152 100
115 54.5 26.6 79.8
150 157.6 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

