

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008652.D
 Acq On : 13 Feb 2019 22:24
 Operator : SY/VA
 Sample : K1462-03
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-S

Quant Time: Feb 14 05:59:19 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

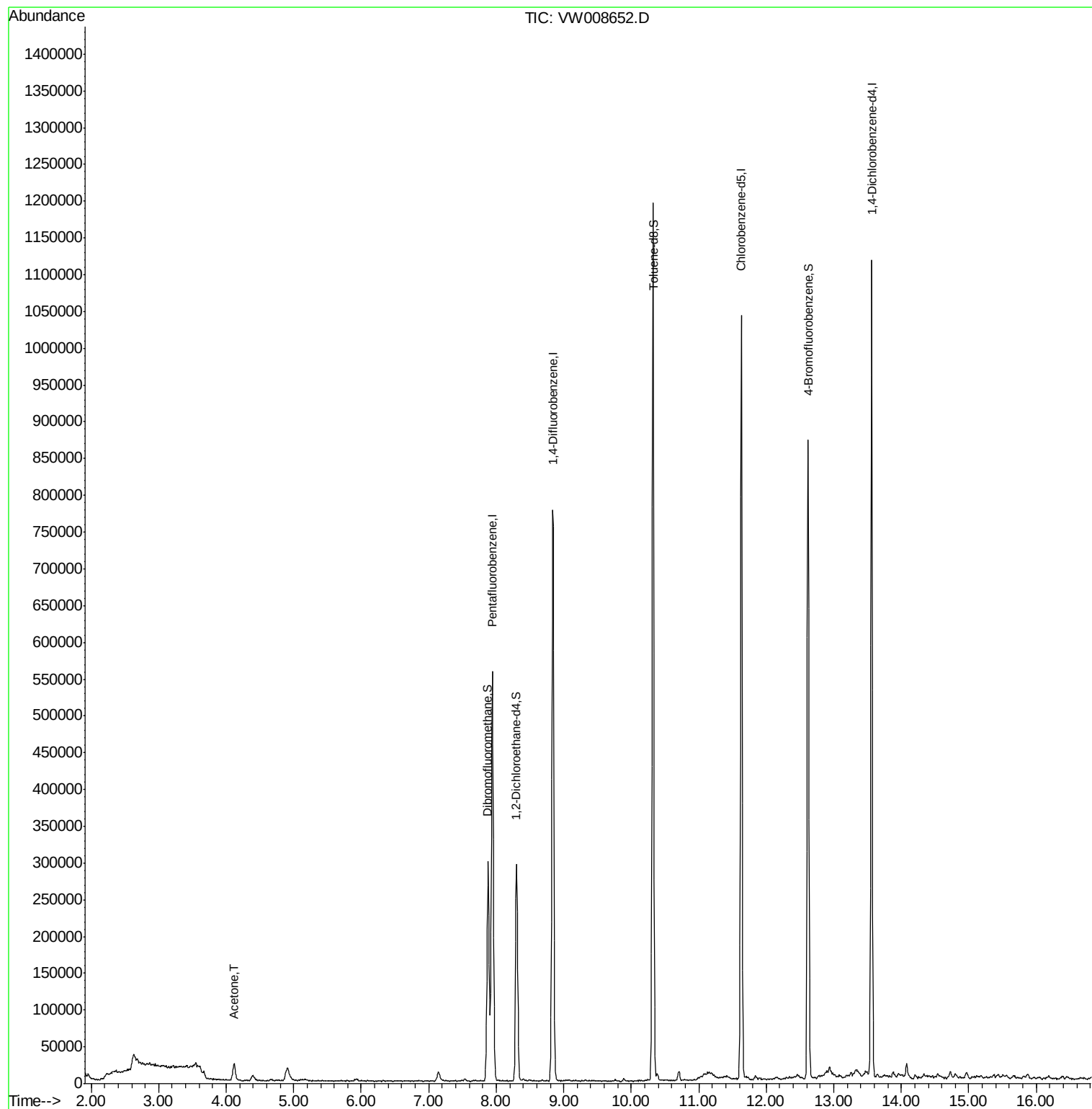
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	434364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	648225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	573022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	278657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	224675	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	201822	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.32	98	762610	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.62	95	272160	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
16) Acetone	4.12	43	41885	40.760	ug/l #	Qvalue 87

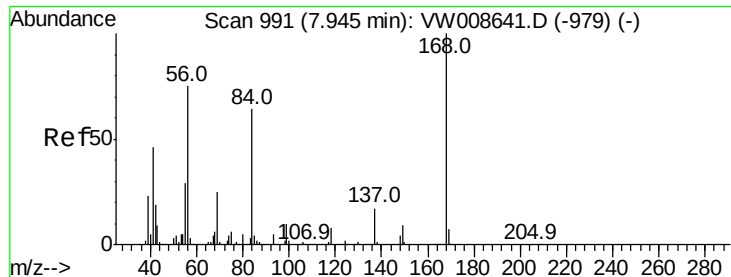
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

Instrument :

MSVOA_W

ClientSampled :

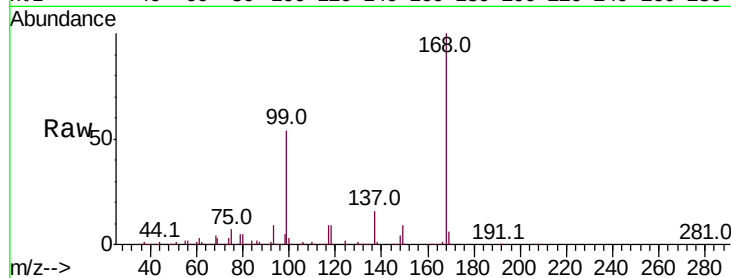
TP-1-S

Tot Ion:168 Resp: 434364

Ion Ratio Lower Upper

168 100

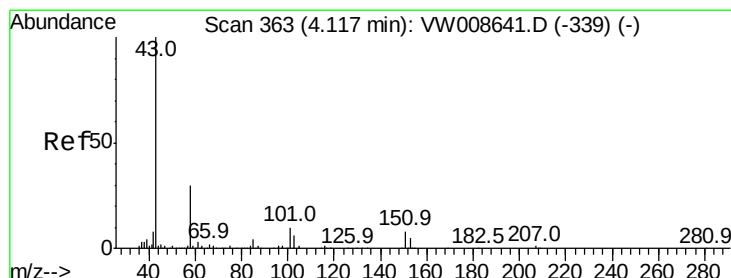
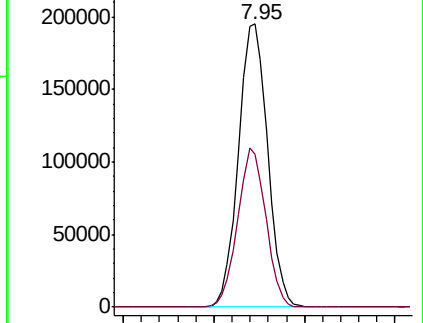
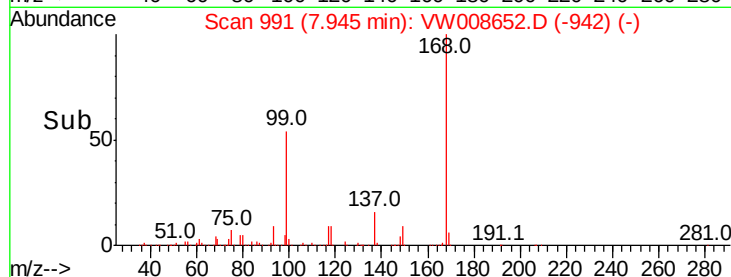
99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95



#16

Acetone

Concen: 40.760 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008652.D

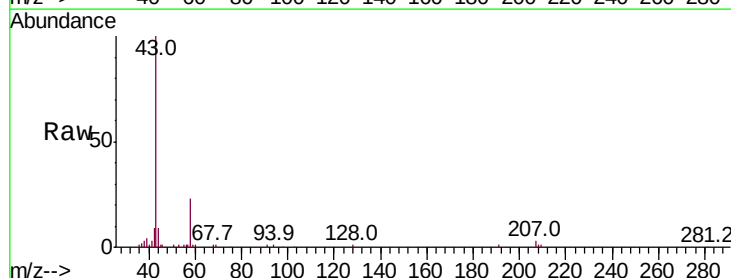
Acq: 13 Feb 2019 22:24

Tgt Ion: 43 Resp: 41885

Ion Ratio Lower Upper

43 100

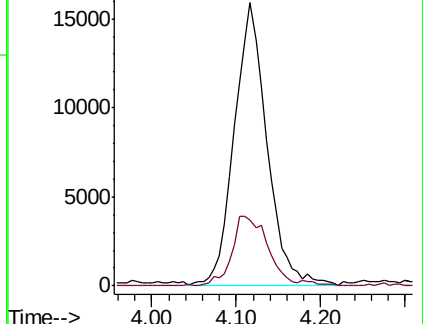
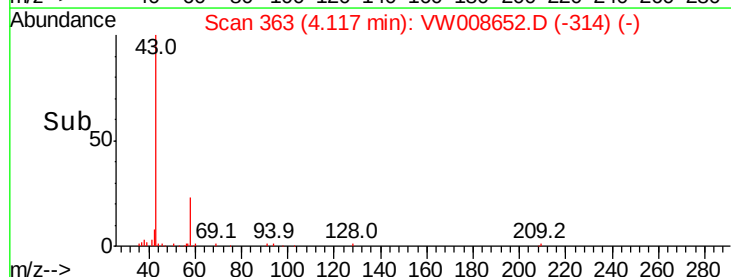
58 23.2 24.1 36.1#

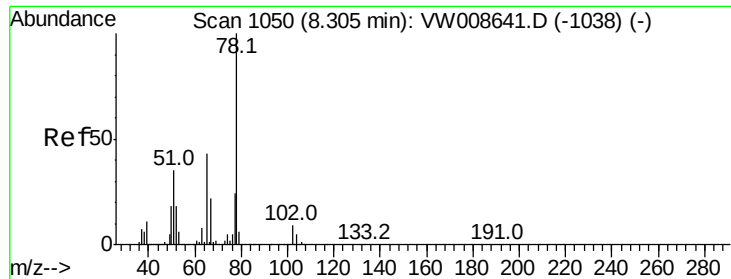


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12





#33

1,2-Dichloroethane-d4

Concen: 49.753 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

Instrument :

MSVOA_W

ClientSampleId :

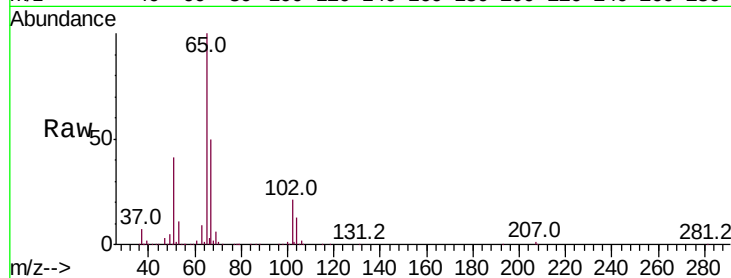
TP-1-S

Tot Ion: 65 Resp: 224675

Ion Ratio Lower Upper

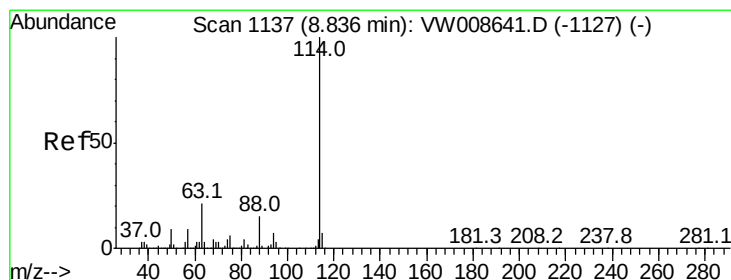
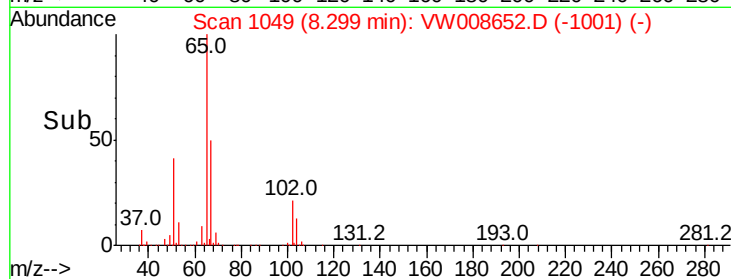
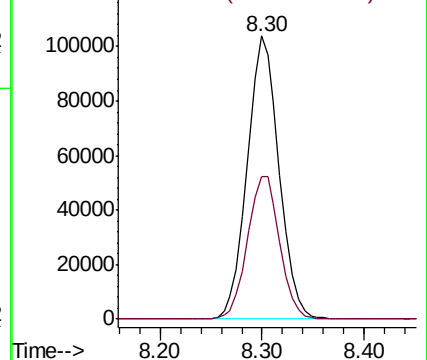
65 100

67 51.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

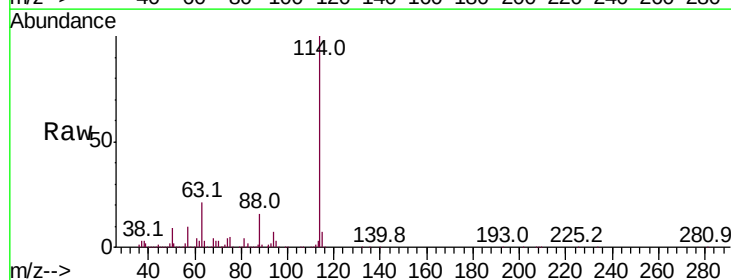
Tgt Ion: 114 Resp: 648225

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

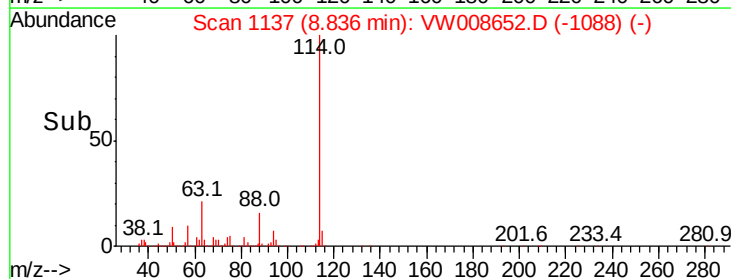
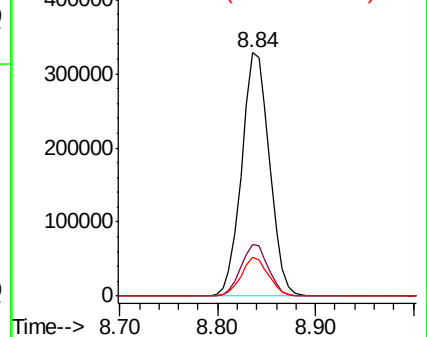
88 15.7 0.0 29.6

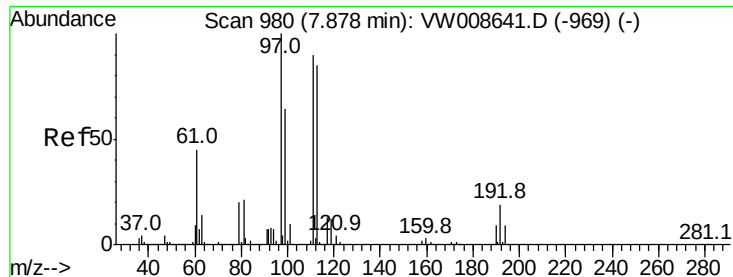


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.141 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

Instrument :
MSVOA_W
ClientSampleId :
TP-1-S

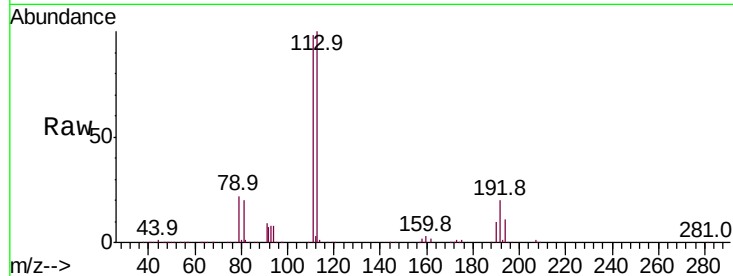
Tot Ion:113 Resp: 201822

Ion Ratio Lower Upper

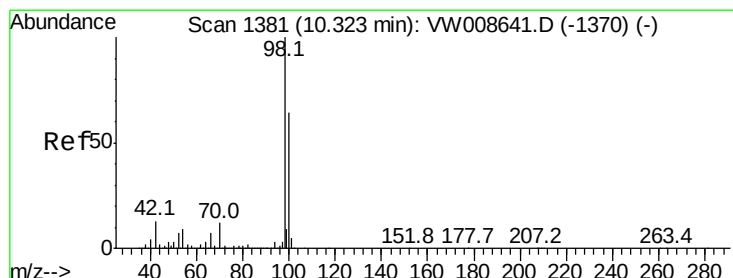
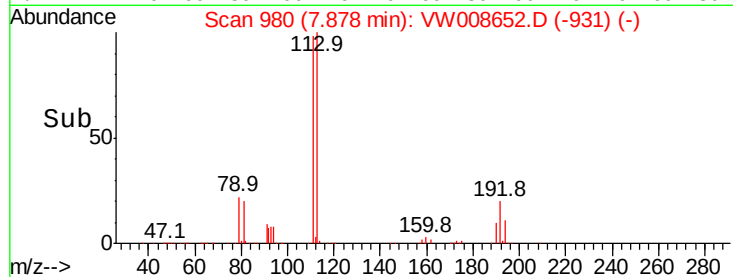
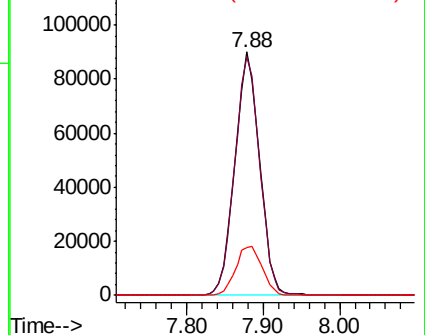
113 100

111 99.6 84.0 126.0

192 21.9 17.4 26.2



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: 49.149 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008652.D

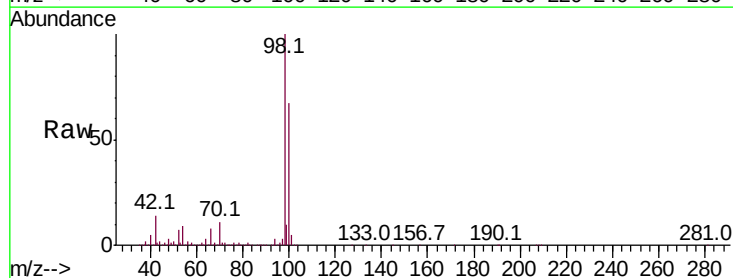
Acq: 13 Feb 2019 22:24

Tgt Ion: 98 Resp: 762610

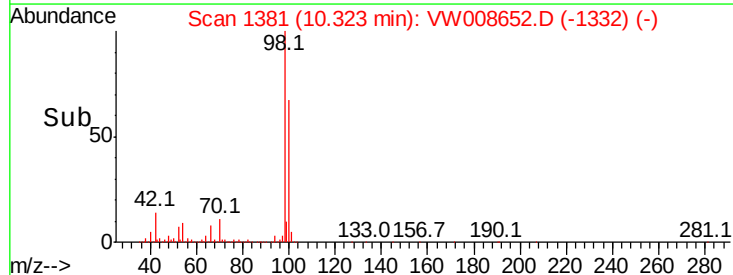
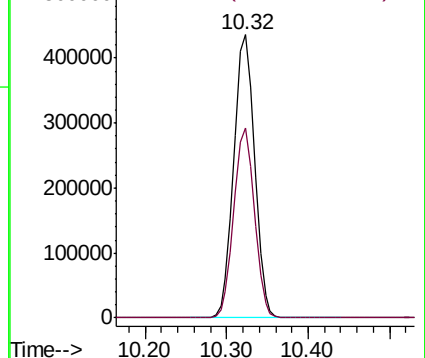
Ion Ratio Lower Upper

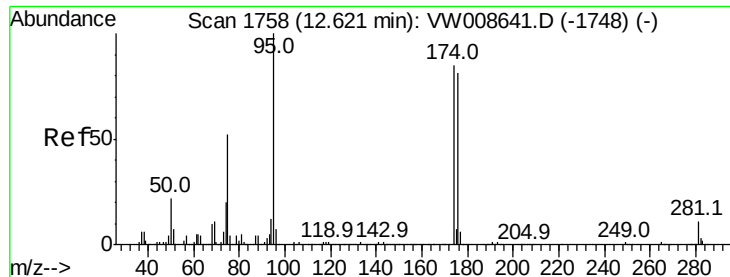
98 100

100 66.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.568 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

Instrument :

MSVOA_W

ClientSampleId :

TP-1-S

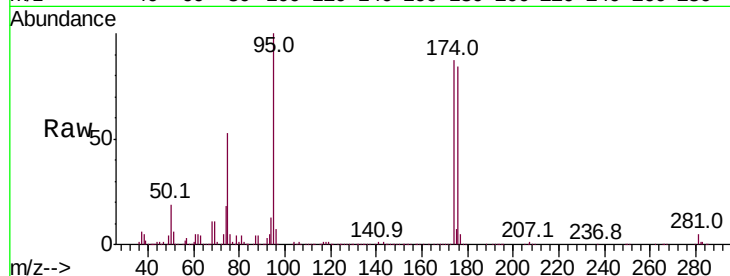
Tot Ion: 95 Resp: 272160

Ion Ratio Lower Upper

95 100

174 84.6 0.0 163.2

176 80.8 0.0 158.0



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

12.62

200000

150000

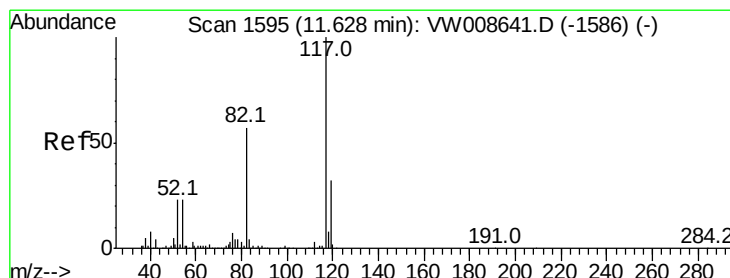
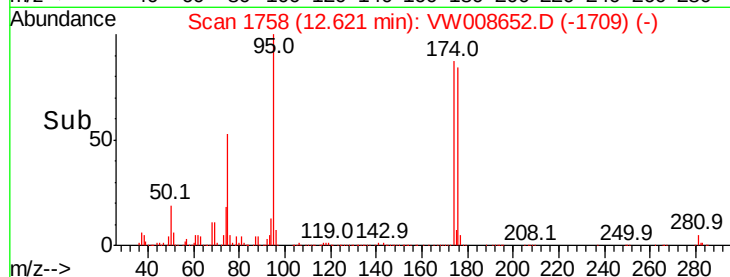
100000

50000

0

Time-->

12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

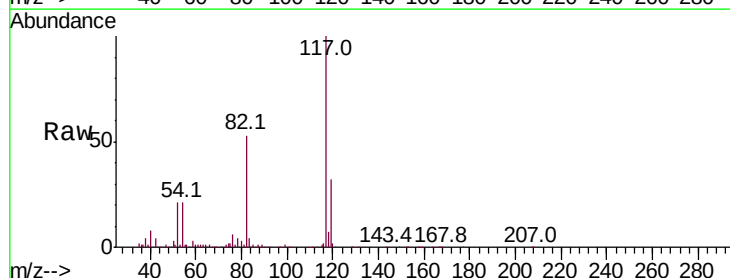
Tgt Ion: 117 Resp: 573022

Ion Ratio Lower Upper

117 100

82 53.1 45.6 68.4

119 31.7 25.7 38.5



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

11.63

400000

300000

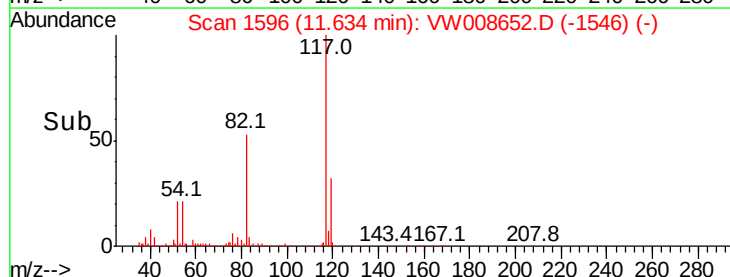
200000

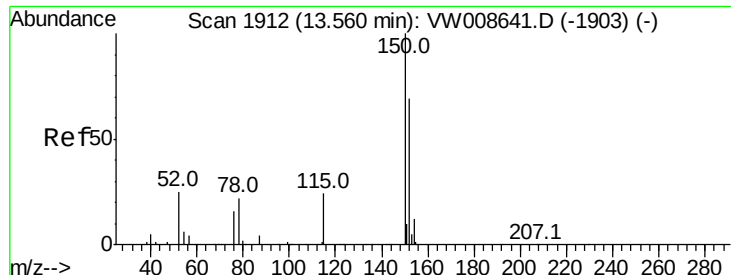
100000

0

Time-->

11.50 11.60 11.70





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008652.D

Acq: 13 Feb 2019 22:24

Instrument :

MSVOA_W

ClientSampleId :

TP-1-S

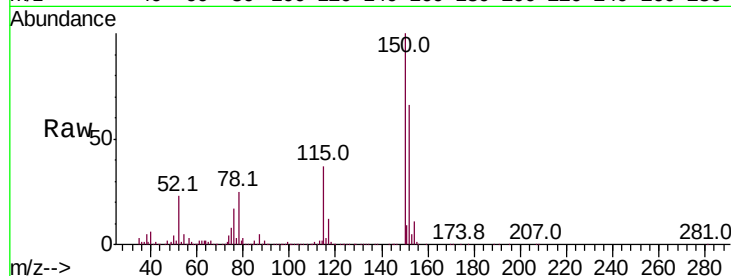
Tot Ion:152 Resp: 278657

Ion Ratio Lower Upper

152 100

115 56.9 29.3 87.8

150 155.6 0.0 352.8



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

