

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009275.D
 Acq On : 20 Mar 2019 08:41
 Operator : SY/VA
 Sample : K1987-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190084-FIELD-DUPLICATE

Quant Time: Mar 20 09:19:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

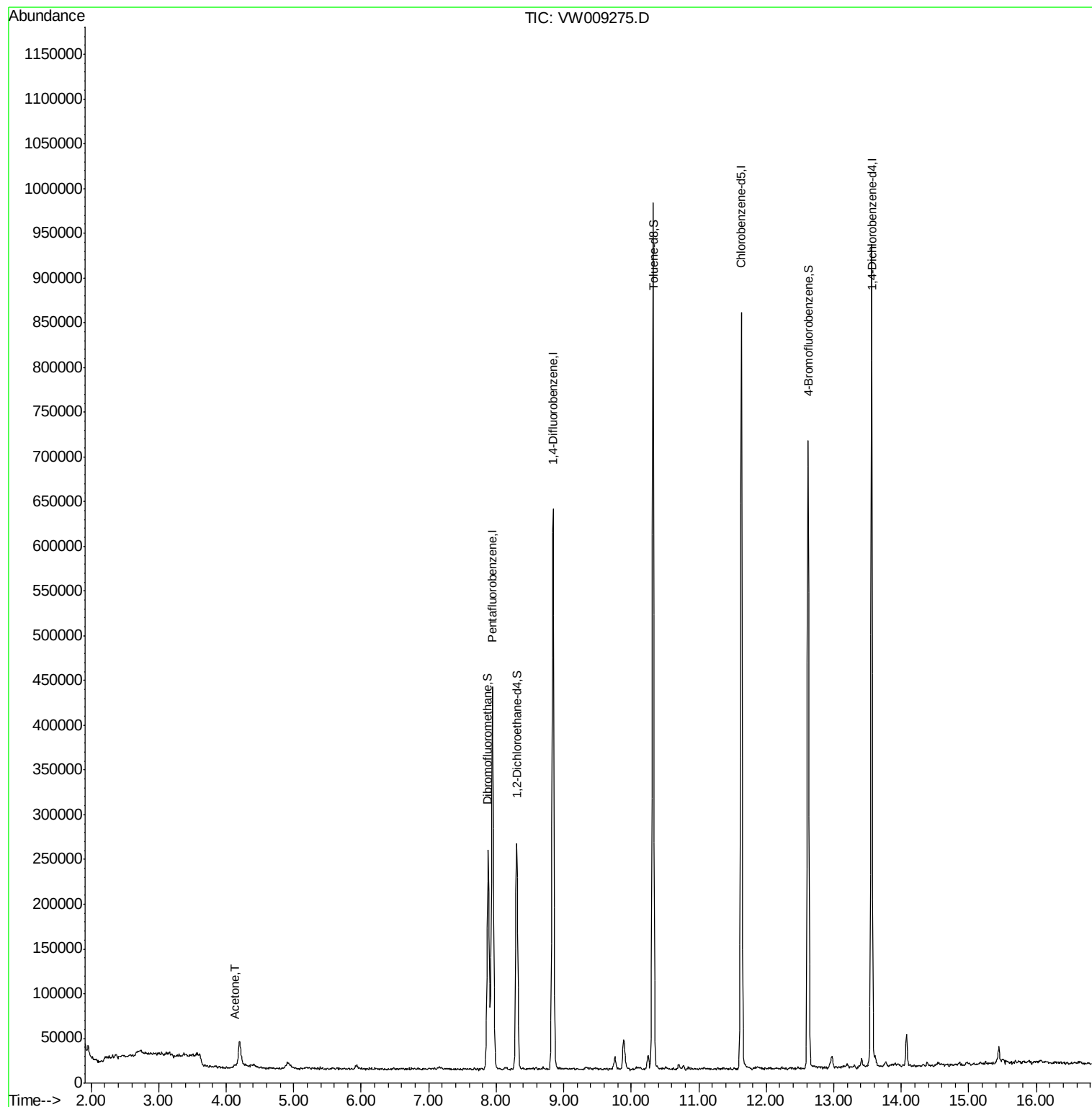
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	449750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	189042	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
35) Dibromofluoromethane	7.88	113	164859	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.32	98	604899	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	209895	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
16) Acetone	4.14	43	7676	11.592	ug/l #	82

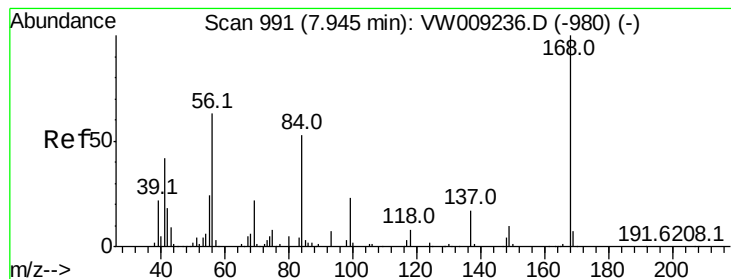
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

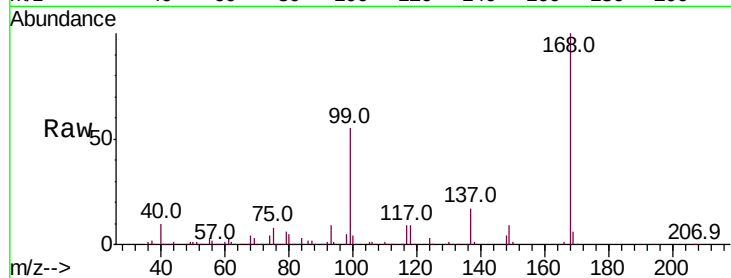
20190084-FIELD-DUPLICATE

Tot Ion:168 Resp: 303421

Ion Ratio Lower Upper

168 100

99 55.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

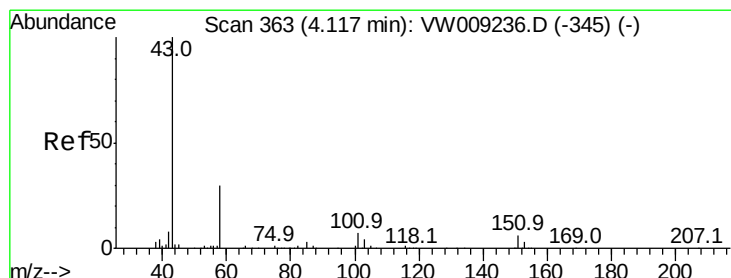
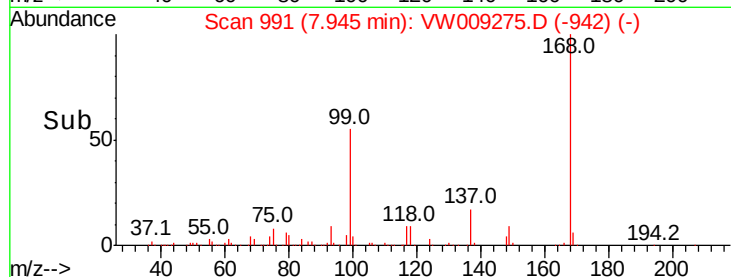
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.592 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW009275.D

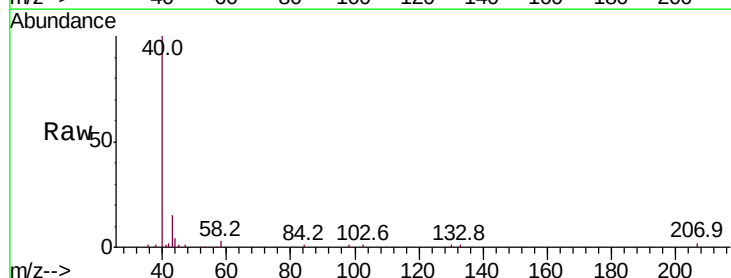
Acq: 20 Mar 2019 08:41

Tgt Ion: 43 Resp: 7676

Ion Ratio Lower Upper

43 100

58 19.6 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

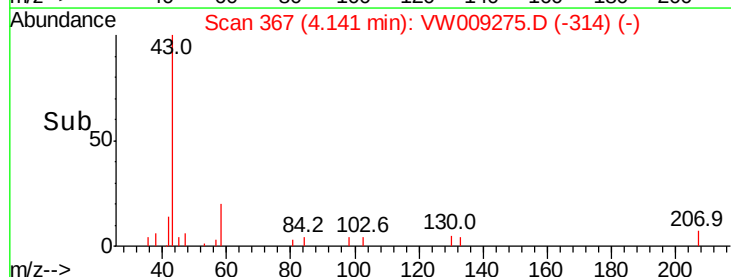
1500

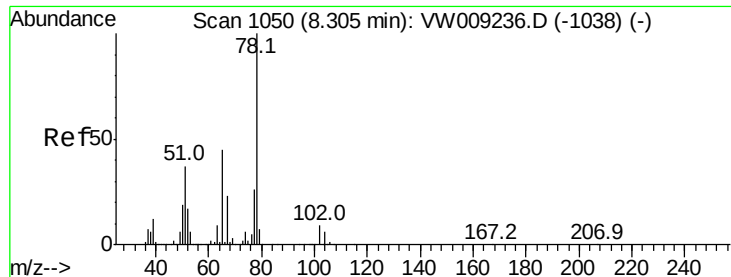
1000

500

0

Time-->

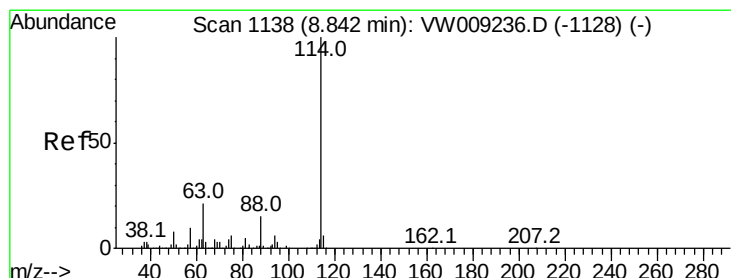
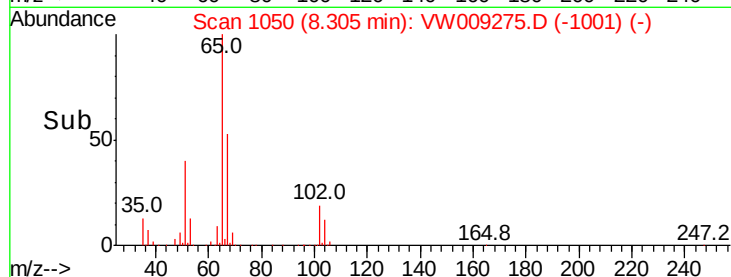
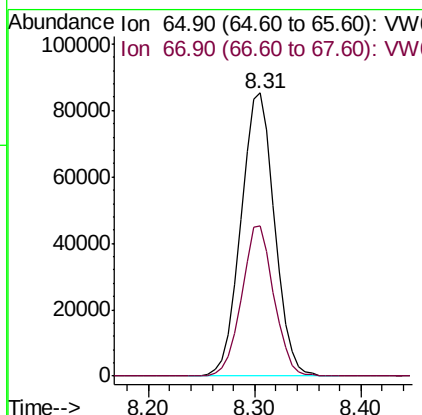
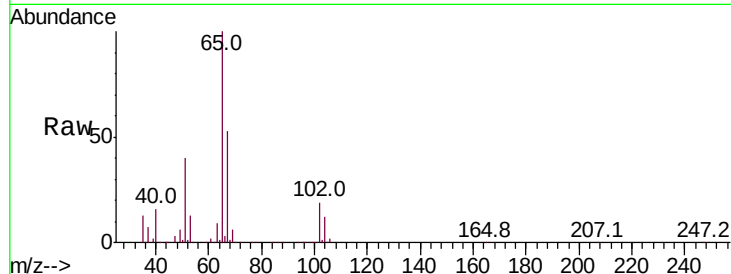




#33
 1,2-Dichloroethane-d4
 Concen: 58.574 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

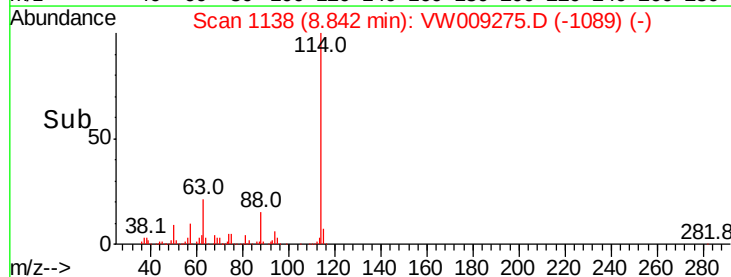
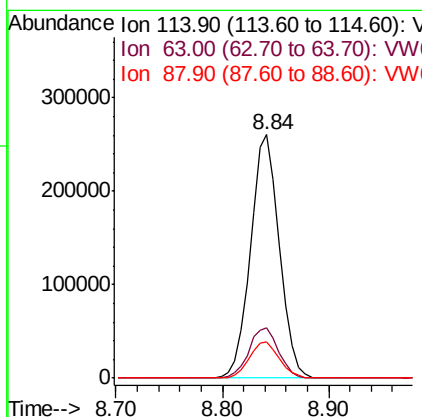
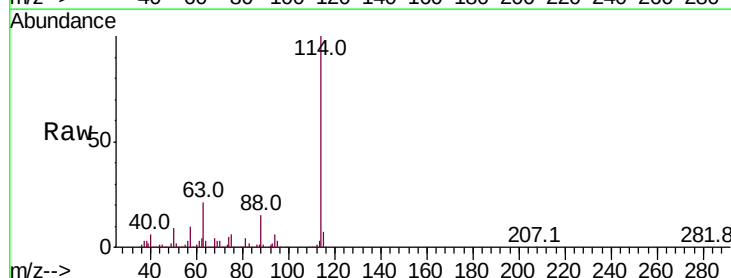
Instrument :
 MSVOA_W
 ClientSampleId :
 20190084-FIELD-DUPLICATE

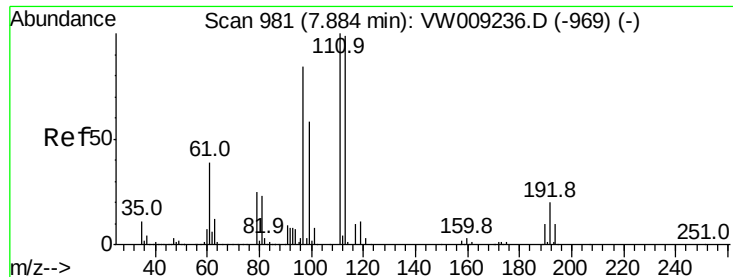
Tot Ion: 65 Resp: 189042
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

Tgt Ion: 114 Resp: 494211
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.587 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

20190084-FIELD-DUPLICATE

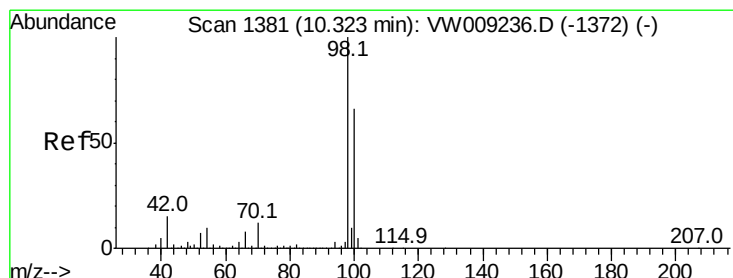
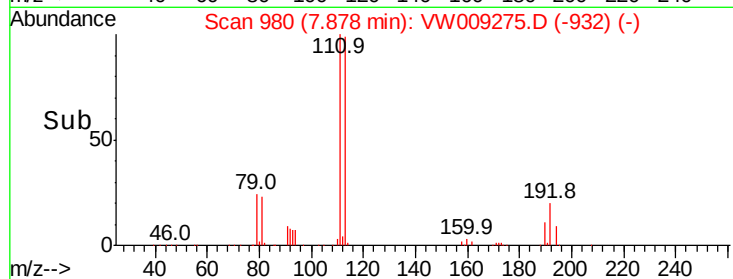
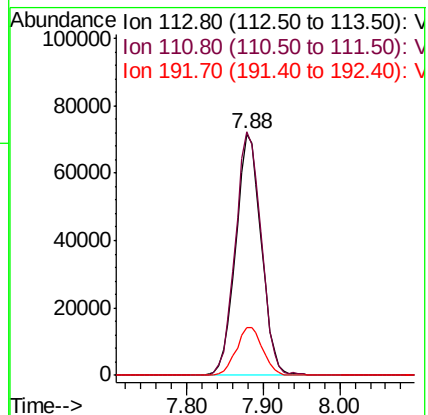
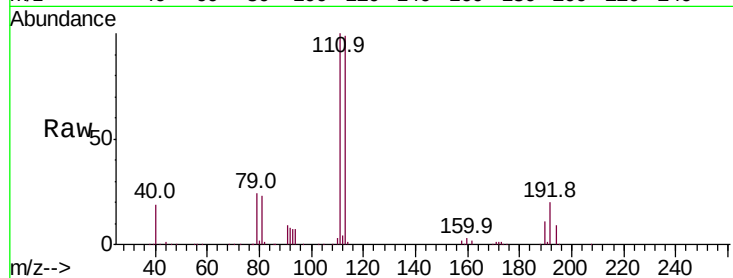
Tot Ion:113 Resp: 164859

Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.6 16.4 24.6



#50

Toluene-d8

Concen: 53.095 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009275.D

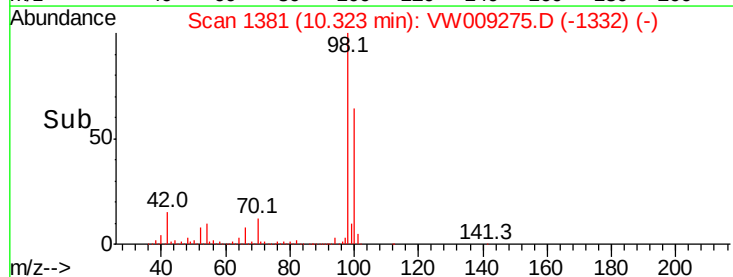
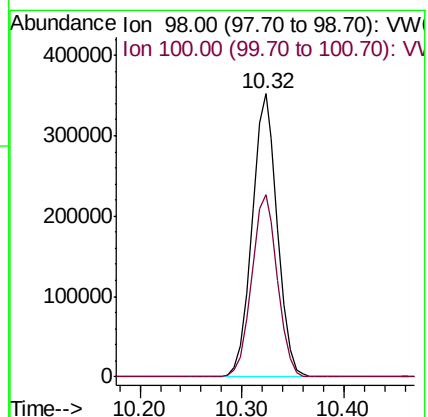
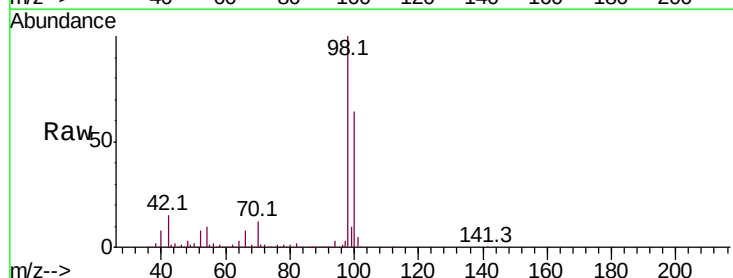
Acq: 20 Mar 2019 08:41

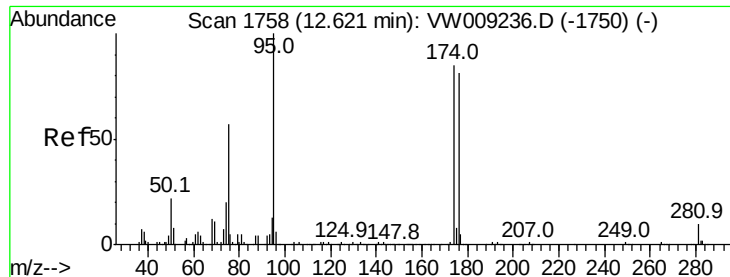
Tgt Ion: 98 Resp: 604899

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 50.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

20190084-FIELD-DUPLICATE

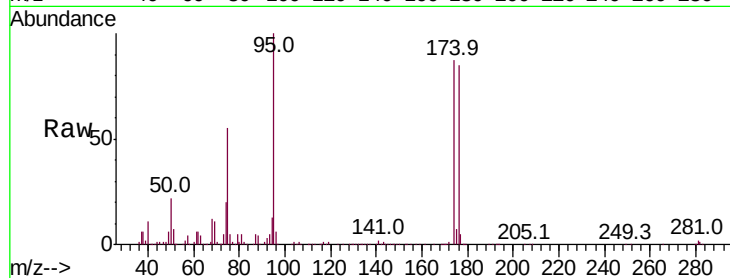
Tot Ion: 95 Resp: 209895

Ion Ratio Lower Upper

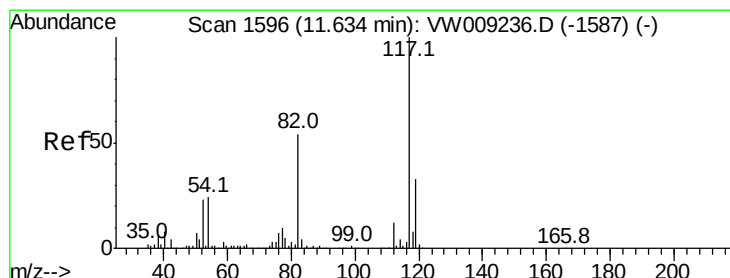
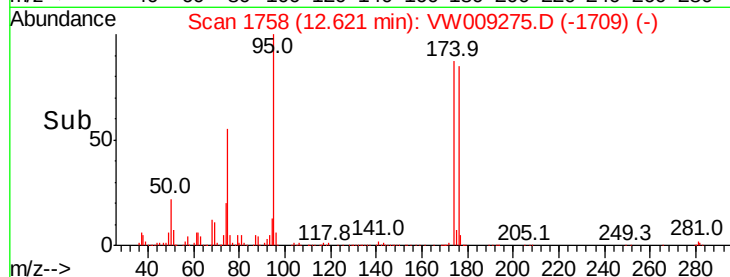
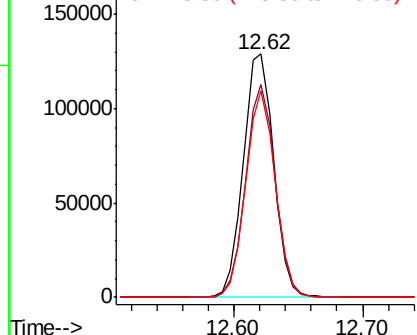
95 100

174 84.5 0.0 168.4

176 81.8 0.0 161.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

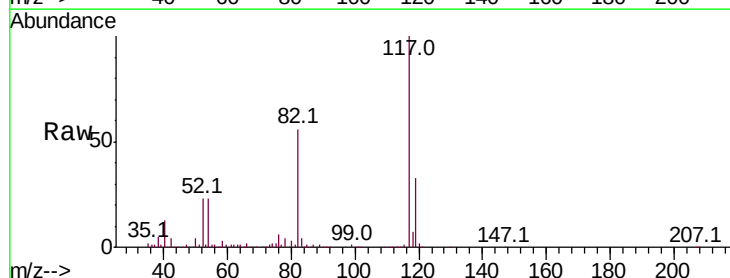
Tgt Ion: 117 Resp: 449750

Ion Ratio Lower Upper

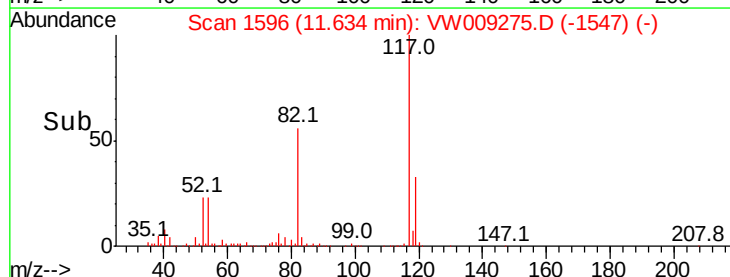
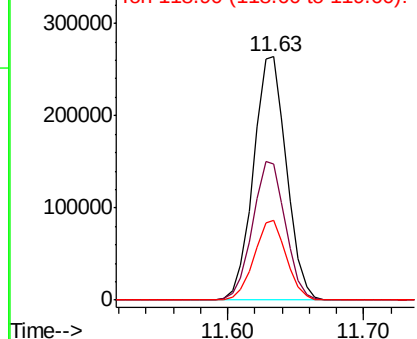
117 100

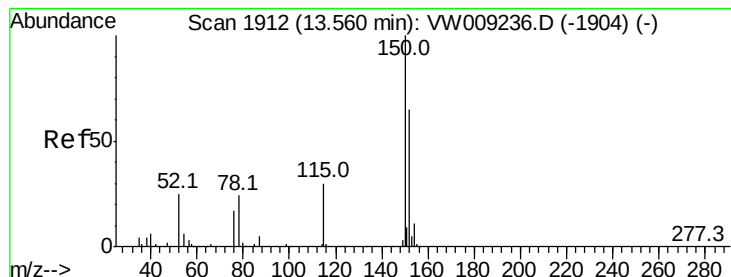
82 55.8 43.6 65.4

119 33.0 26.0 39.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

20190084-FIELD-DUPLICATE

Tot Ion:152 Resp: 219570

Ion Ratio Lower Upper

152 100

115 57.7 29.6 88.8

150 156.7 0.0 349.2

