

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009091.D
 Acq On : 11 Mar 2019 17:18
 Operator : SY/VA
 Sample : K1837-13
 Misc : 6.29G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MR-MH-05-COMP

Quant Time: Mar 12 08:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

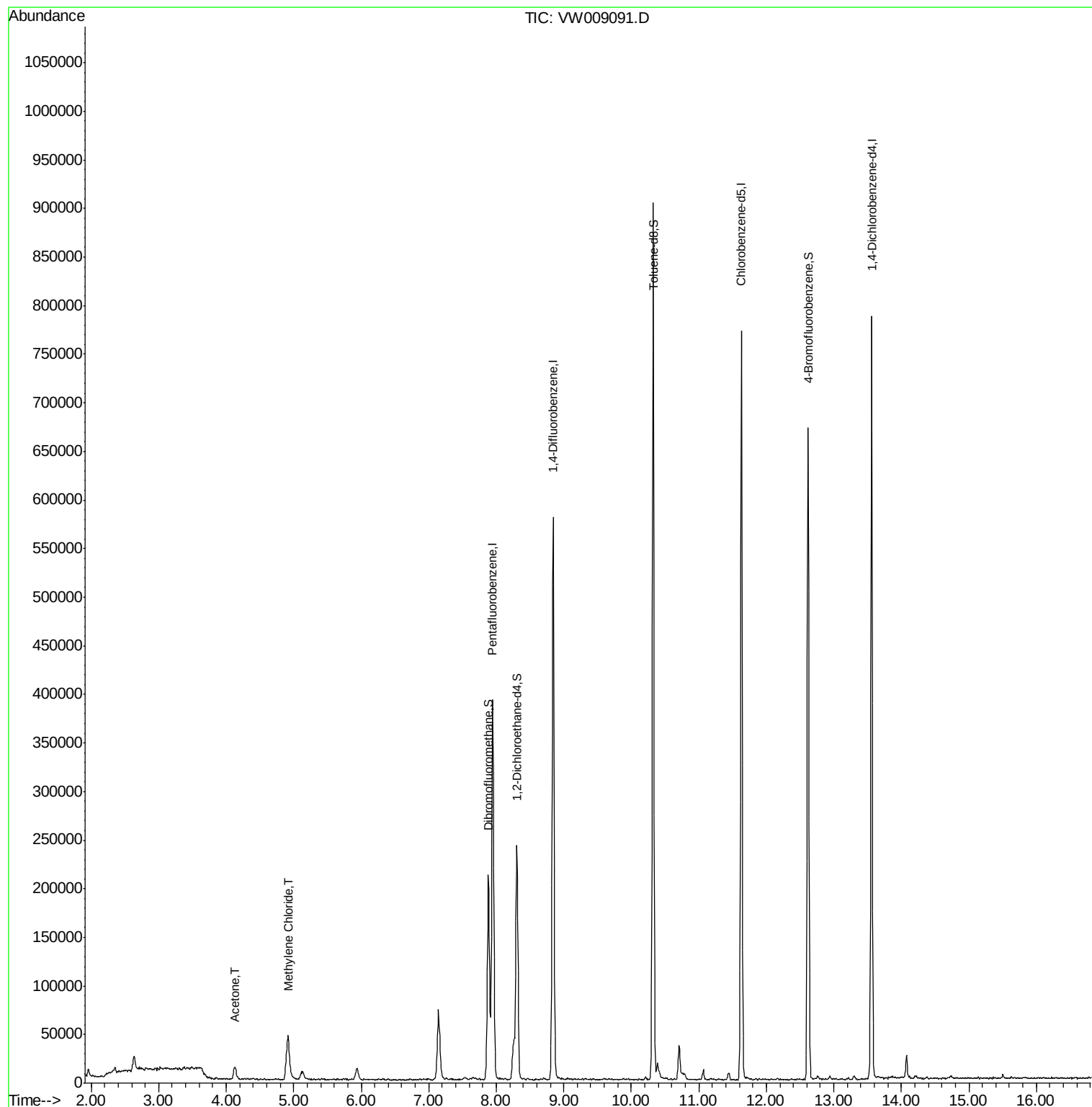
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	411552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171288	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
35) Dibromofluoromethane	7.88	113	142257	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.32	98	559815	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.62	95	186892	41.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.12%	
Target Compounds						
16) Acetone	4.12	43	23007	35.392	ug/l	95
20) Methylene Chloride	4.92	84	33462	6.188	ug/l	97

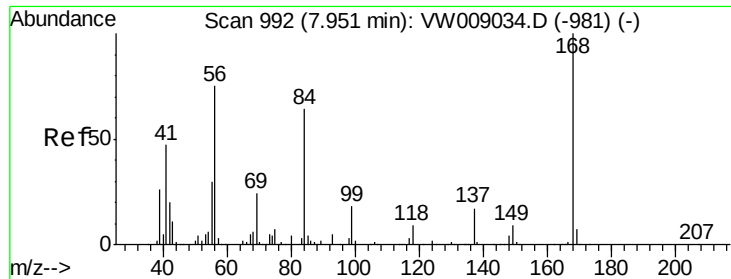
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009091.D

Acq: 11 Mar 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

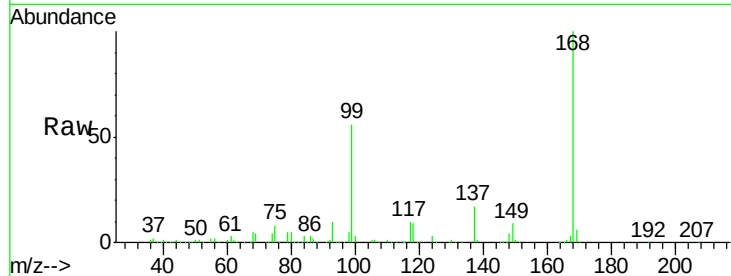
MR-MH-05-COMP

Tot Ion:168 Resp: 286327

Ion Ratio Lower Upper

168 100

99 56.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

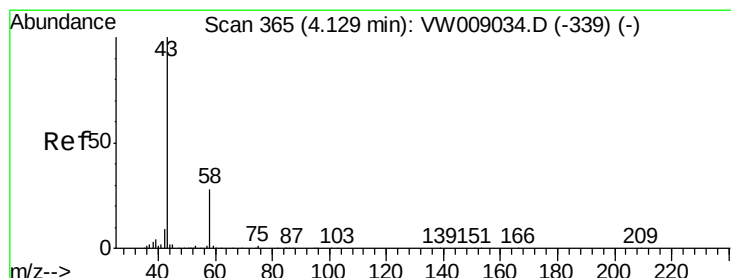
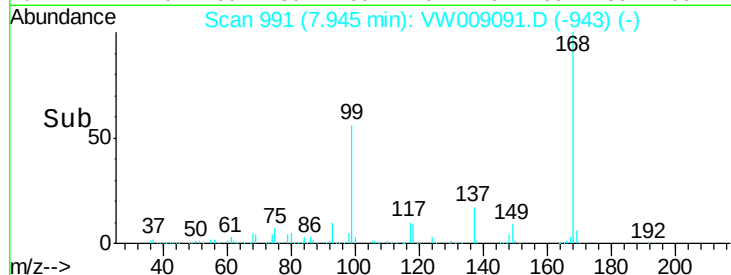
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 35.392 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009091.D

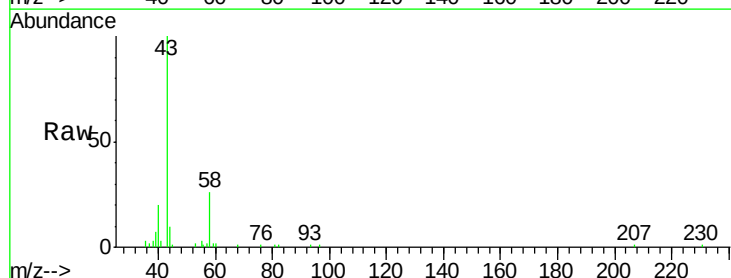
Acq: 11 Mar 2019 17:18

Tgt Ion: 43 Resp: 23007

Ion Ratio Lower Upper

43 100

58 25.4 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

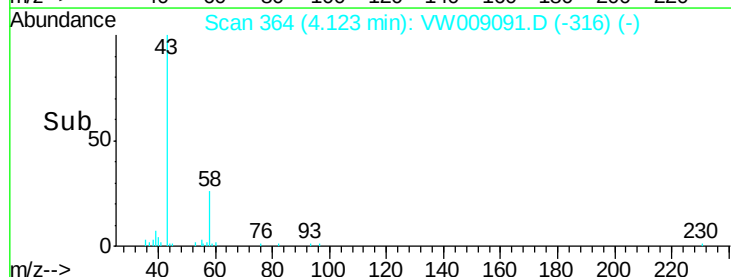
6000

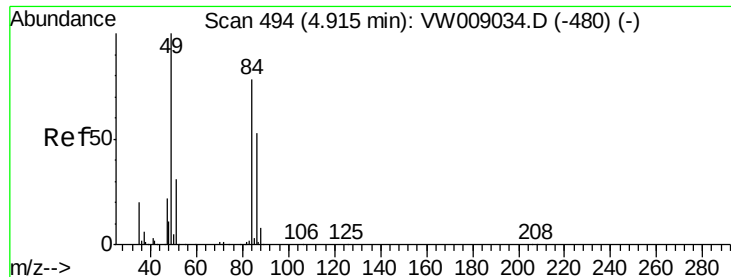
4000

2000

0

Time-->

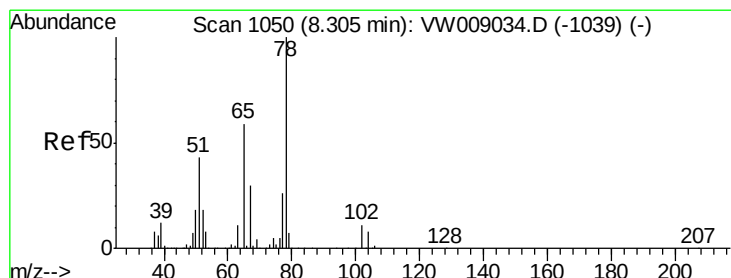
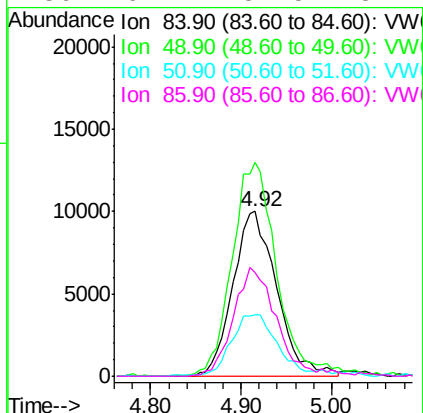
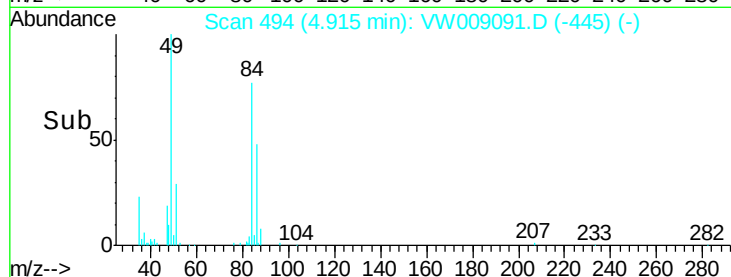
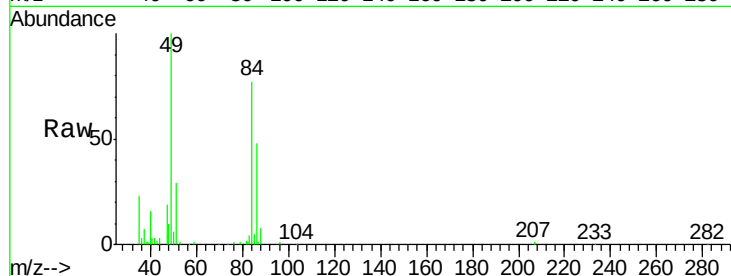




#20
Methylene Chloride
Concen: 6.188 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009091.D
Acq: 11 Mar 2019 17:18

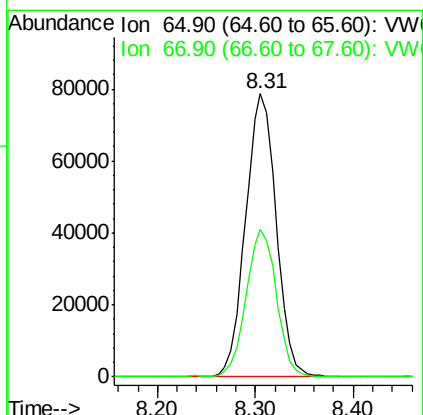
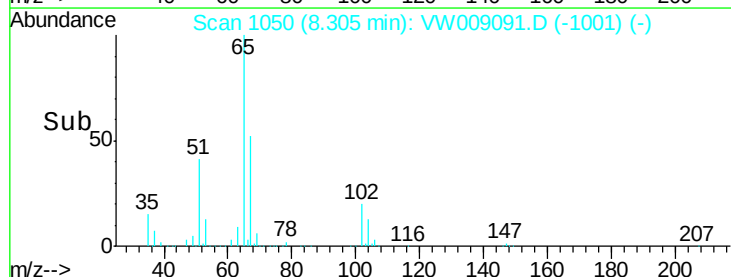
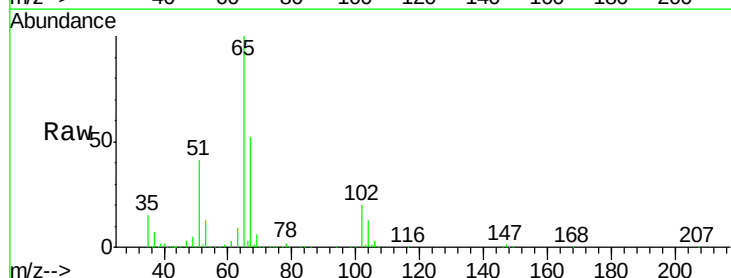
Instrument :
MSVOA_W
ClientSampleId :
MR-MH-05-COMP

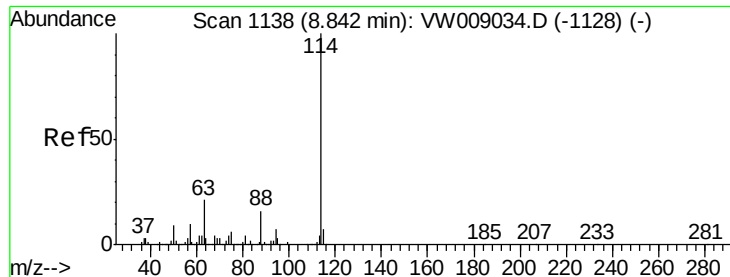
Tot Ion: 84 Resp: 33462
Ion Ratio Lower Upper
84 100
49 128.6 102.4 153.6
51 36.3 31.6 47.4
86 62.7 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 59.460 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009091.D
Acq: 11 Mar 2019 17:18

Tgt Ion: 65 Resp: 171288
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

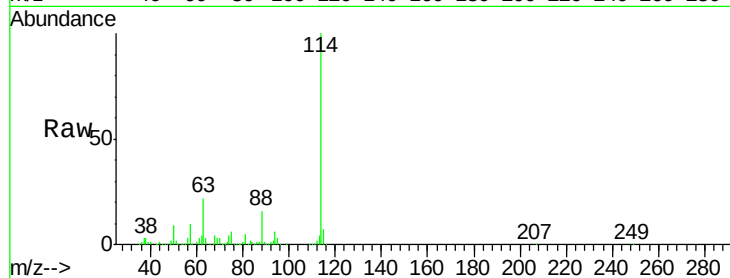




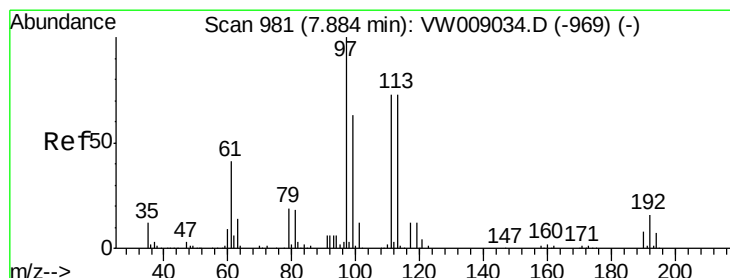
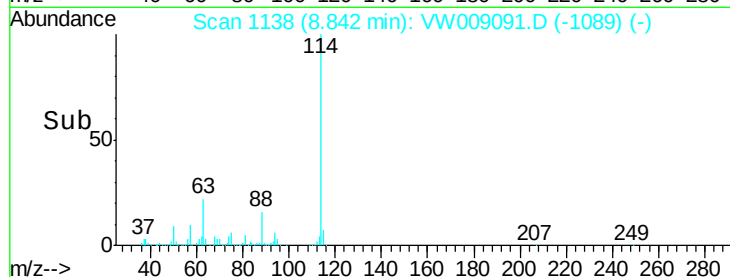
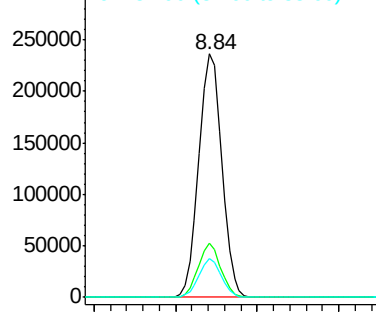
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009091.D
Acq: 11 Mar 2019 17:18

Instrument :
MSVOA_W
ClientSampleId :
MR-MH-05-COMP

Tot Ion:114 Resp: 461942
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.2
88 15.7 0.0 31.2

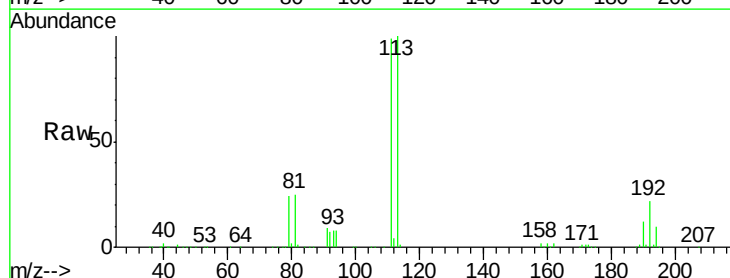


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

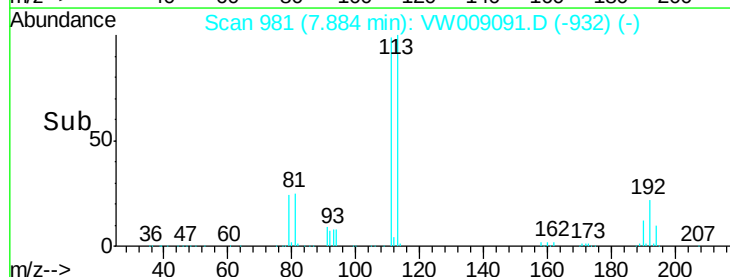
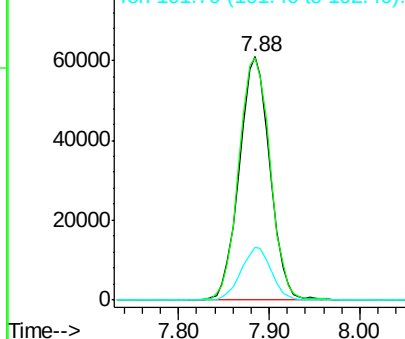


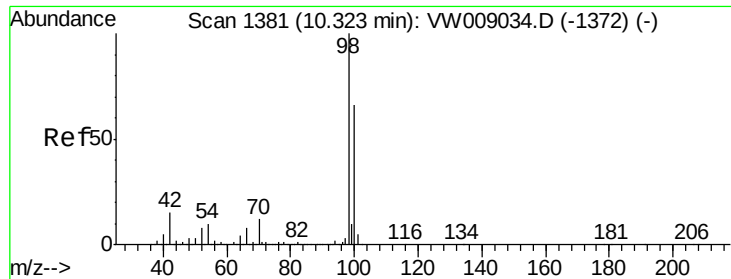
#35
Dibromofluoromethane
Concen: 51.148 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009091.D
Acq: 11 Mar 2019 17:18

Tgt Ion:113 Resp: 142257
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.4
192 21.4 17.1 25.7



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: 49.007 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009091.D

Acq: 11 Mar 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

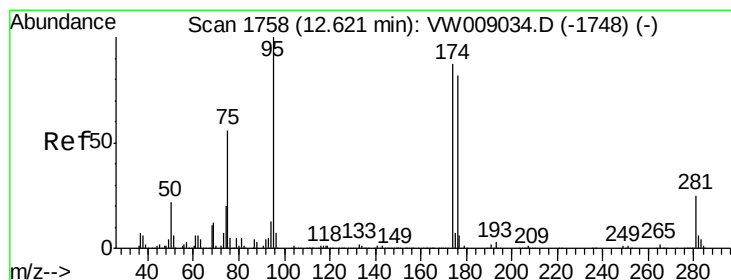
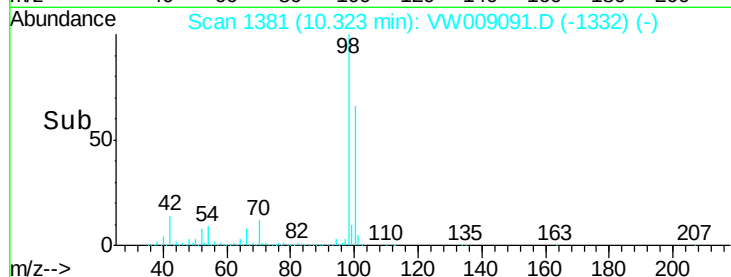
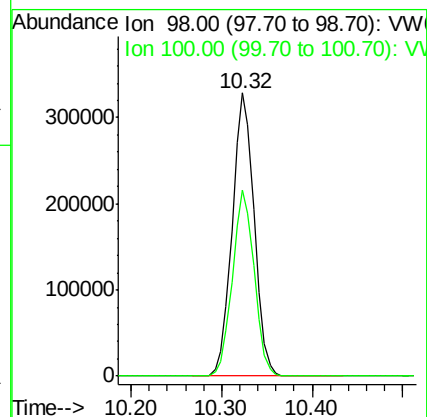
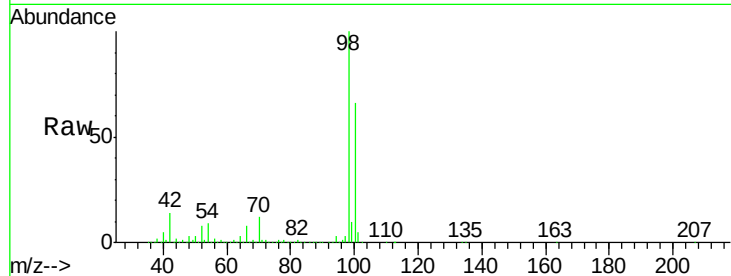
MR-MH-05-COMP

Tot Ion: 98 Resp: 559815

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.560 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009091.D

Acq: 11 Mar 2019 17:18

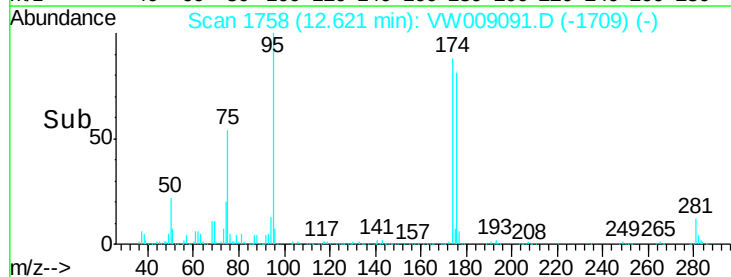
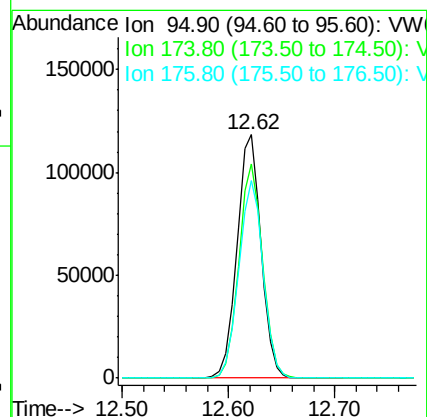
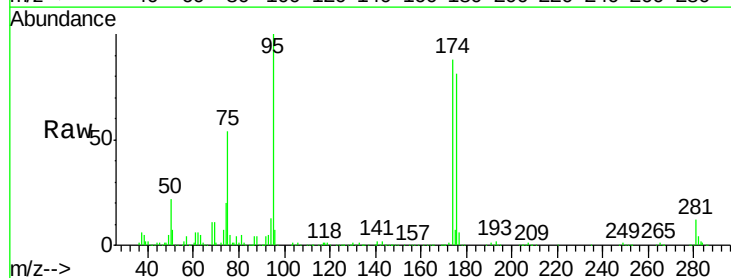
Tgt Ion: 95 Resp: 186892

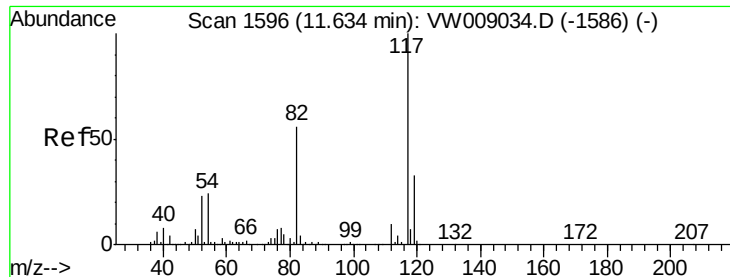
Ion Ratio Lower Upper

95 100

174 87.3 0.0 167.0

176 82.2 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW009091.D

Acq: 11 Mar 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-05-COMP

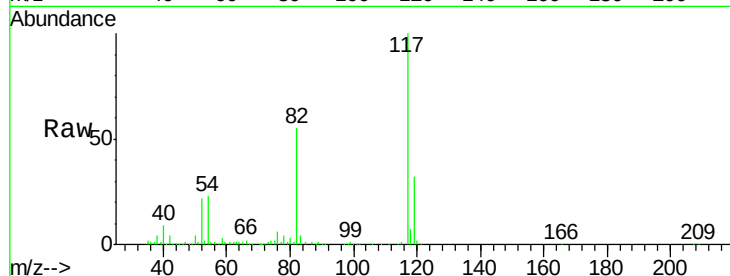
Tot Ion:117 Resp: 411552

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.6

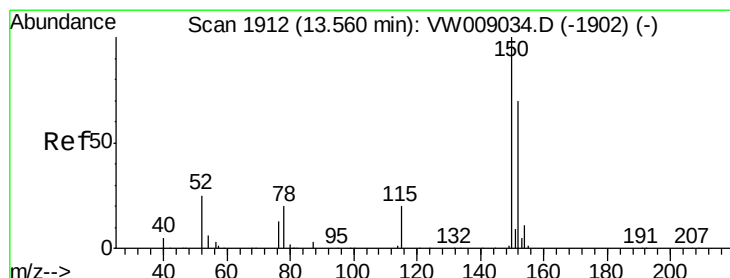
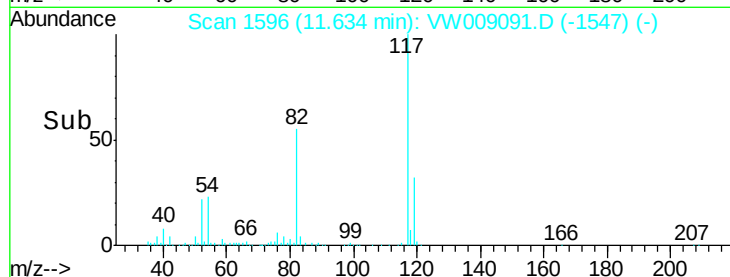
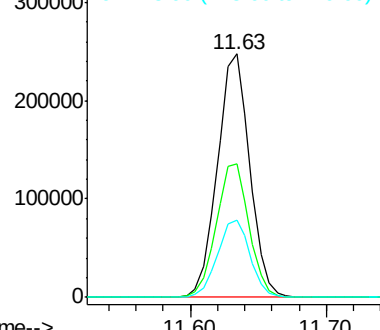
119 31.6 26.6 39.8



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009091.D

Acq: 11 Mar 2019 17:18

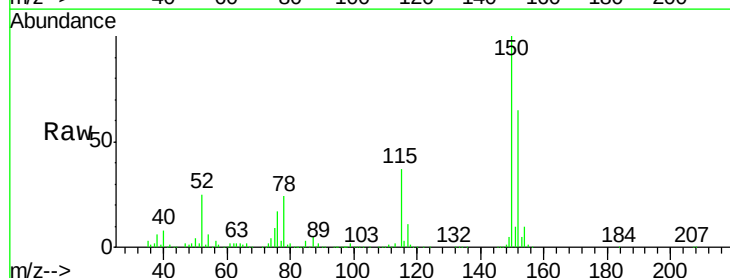
Tgt Ion:152 Resp: 191407

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

150 159.0 0.0 349.2



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

