

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009148.D
 Acq On : 13 Mar 2019 10:43
 Operator : SY/VA
 Sample : K1866-03
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MR-MH-03-COMP

Quant Time: Mar 14 10:04:21 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

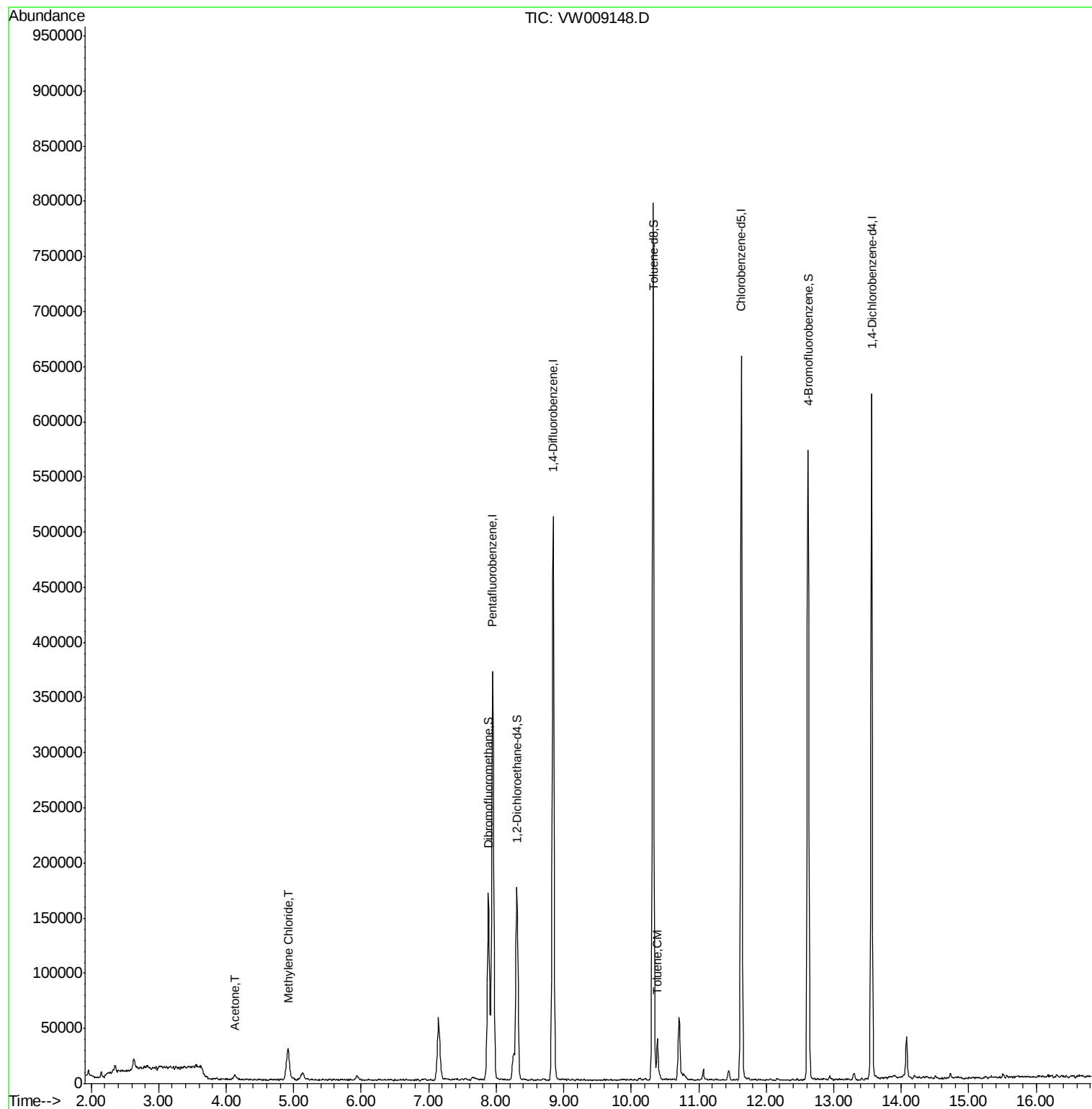
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121689	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
35) Dibromofluoromethane	7.88	113	113803	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
50) Toluene-d8	10.32	98	487448	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.62	95	154570	38.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.02%	
Target Compounds						
16) Acetone	4.13	43	6959	11.317	ug/l	98
20) Methylene Chloride	4.91	84	20371	1.813	ug/l	95
52) Toluene	10.38	92	15211	1.949	ug/l	87

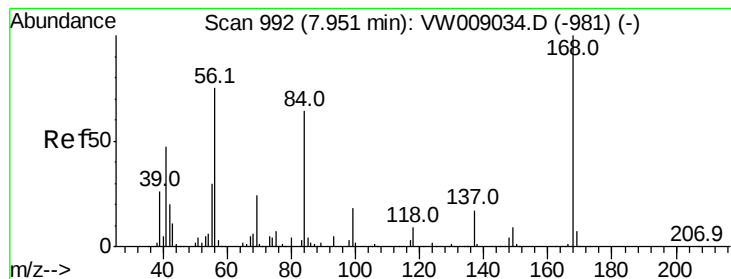
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009148.D

Acq: 13 Mar 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

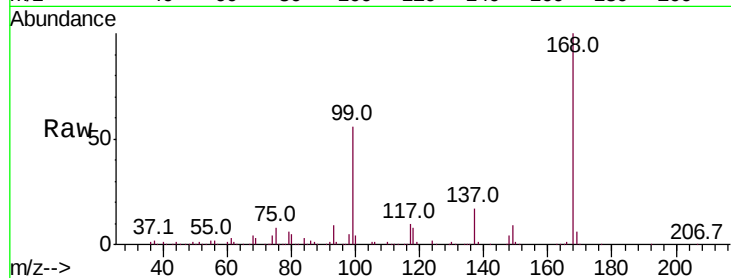
MR-MH-03-COMP

Tot Ion:168 Resp: 270853

Ion Ratio Lower Upper

168 100

99 56.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

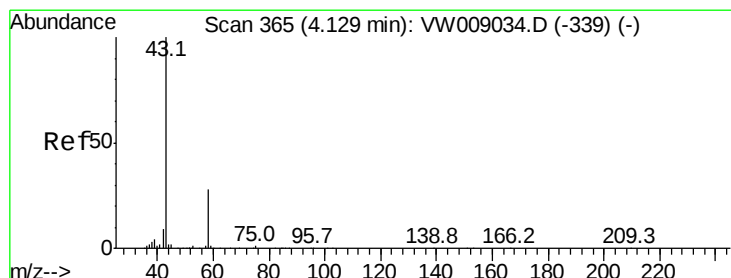
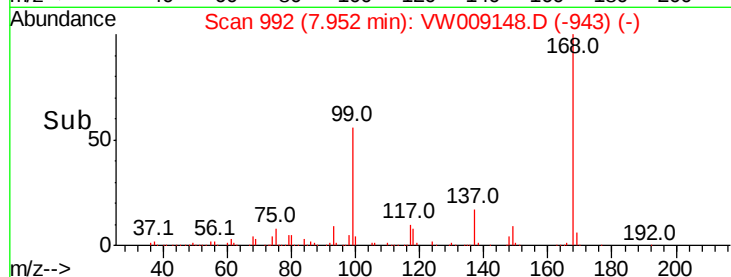
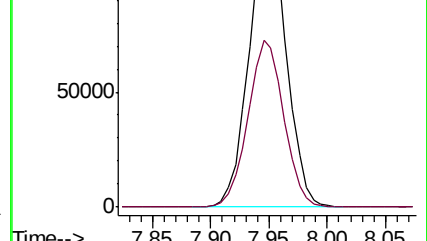
Ion 98.90 (98.60 to 99.60): VW

7.95

100000

50000

0



#16

Acetone

Concen: 11.317 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009148.D

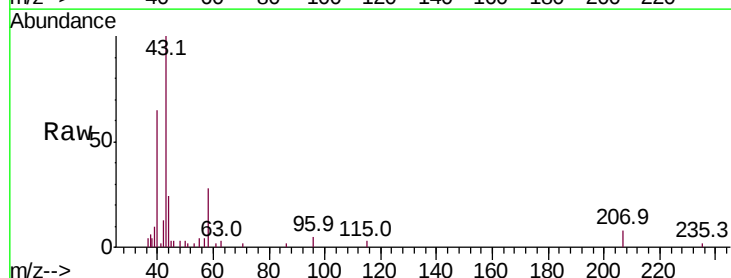
Acq: 13 Mar 2019 10:43

Tgt Ion: 43 Resp: 6959

Ion Ratio Lower Upper

43 100

58 29.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

2500

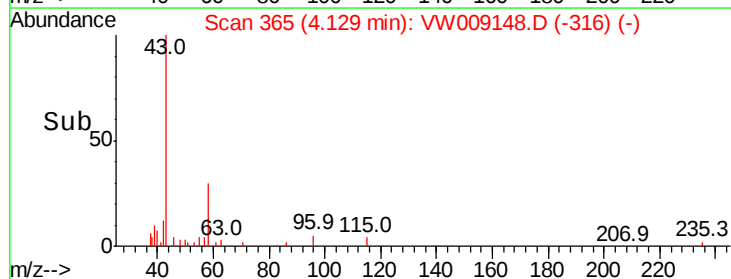
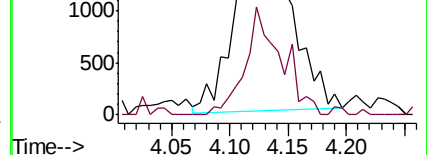
2000

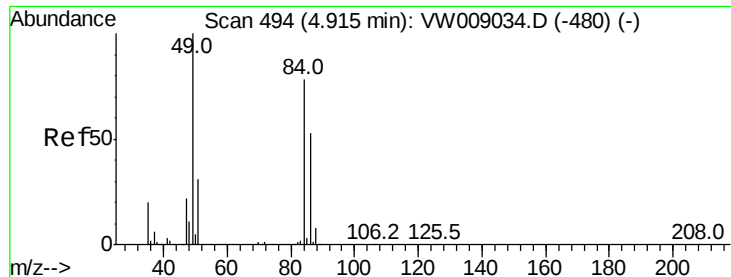
1500

1000

500

0

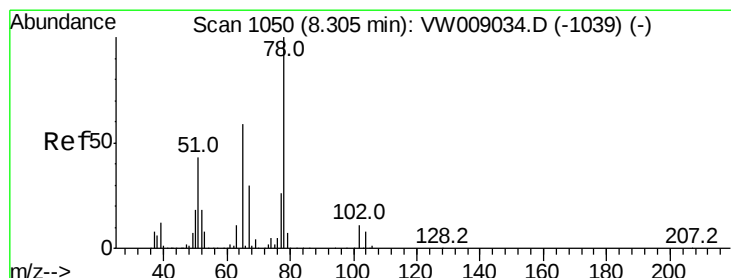
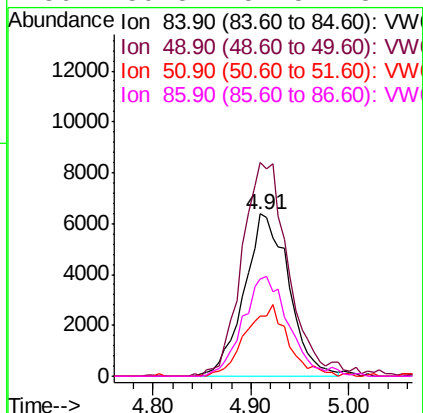
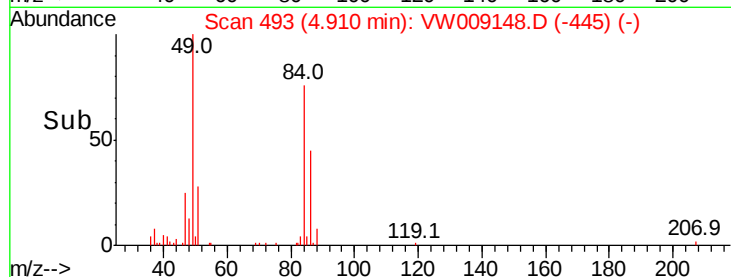
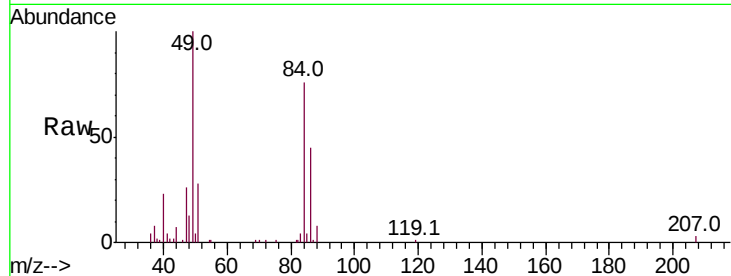




#20
Methylene Chloride
Concen: 1.813 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009148.D
Acq: 13 Mar 2019 10:43

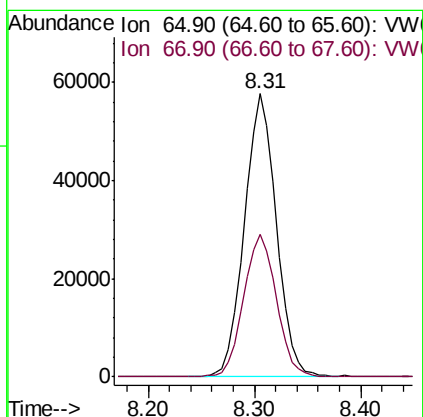
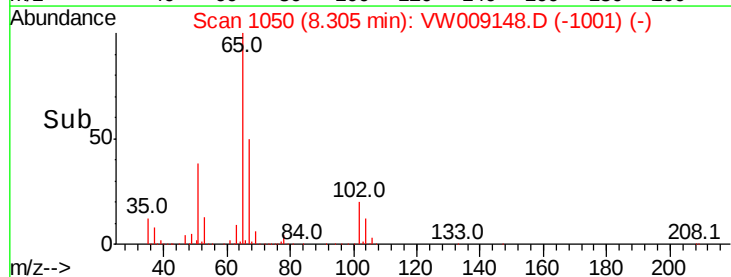
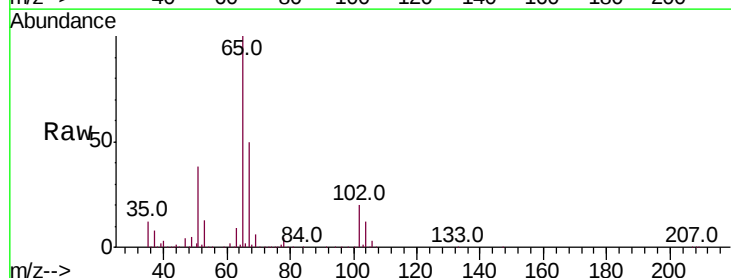
Instrument :
MSVOA_W
ClientSampleId :
MR-MH-03-COMP

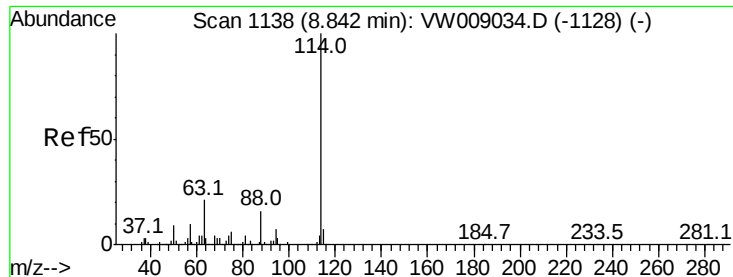
Tot Ion: 84 Resp: 20371
Ion Ratio Lower Upper
84 100
49 131.6 102.4 153.6
51 36.8 31.6 47.4
86 59.8 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 44.656 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009148.D
Acq: 13 Mar 2019 10:43

Tgt Ion: 65 Resp: 121689
Ion Ratio Lower Upper
65 100
67 51.9 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: VW009148.D

Acq: 13 Mar 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-03-COMP

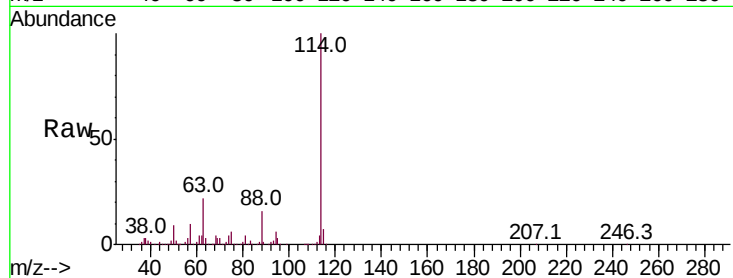
Tot Ion:114 Resp: 412330

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.2

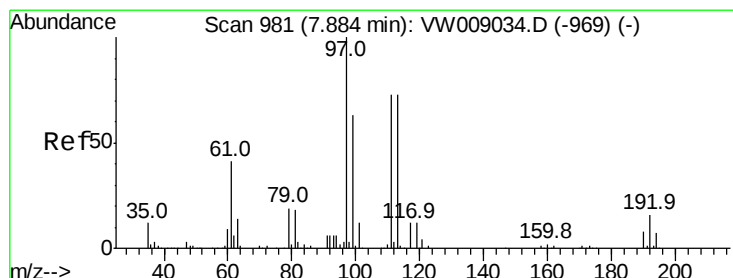
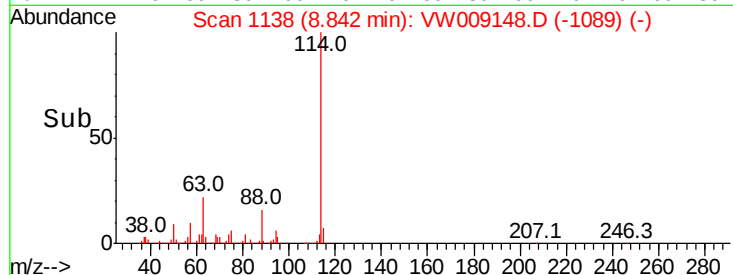
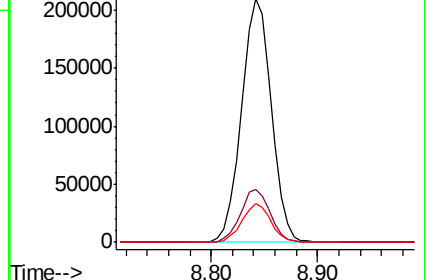
88 15.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 45.840 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009148.D

Acq: 13 Mar 2019 10:43

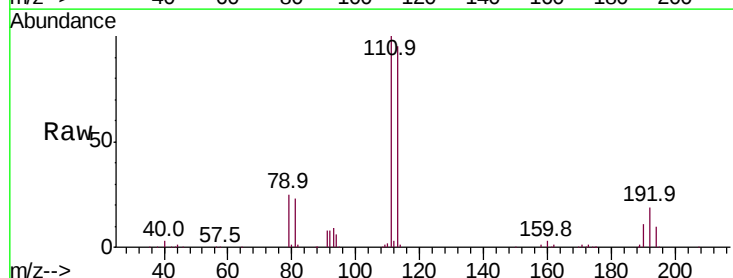
Tgt Ion:113 Resp: 113803

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

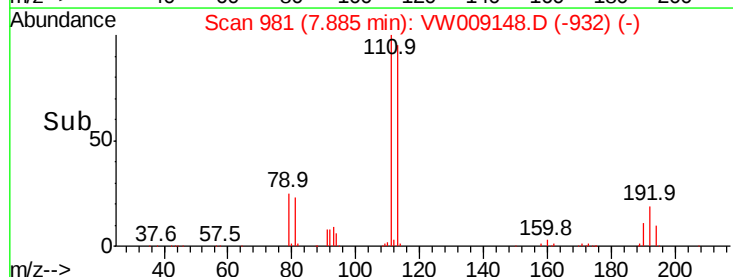
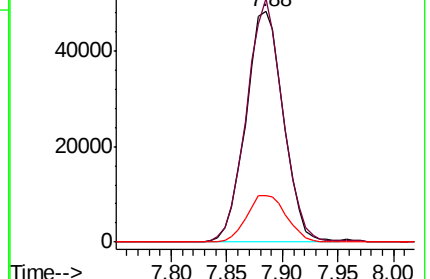
192 21.5 17.1 25.7

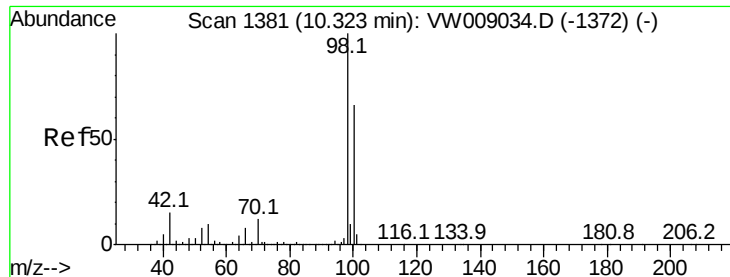


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.806 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009148.D

Acq: 13 Mar 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

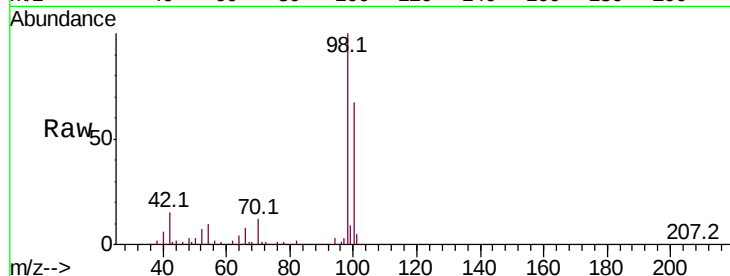
MR-MH-03-COMP

Tot Ion: 98 Resp: 487448

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

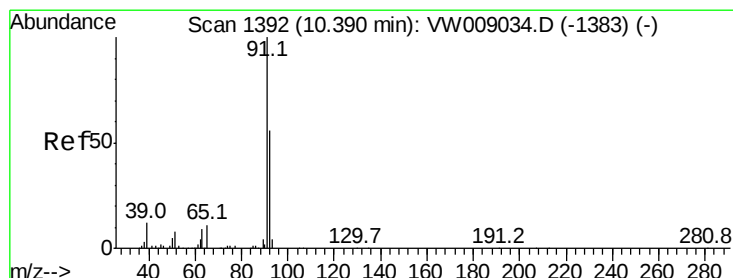
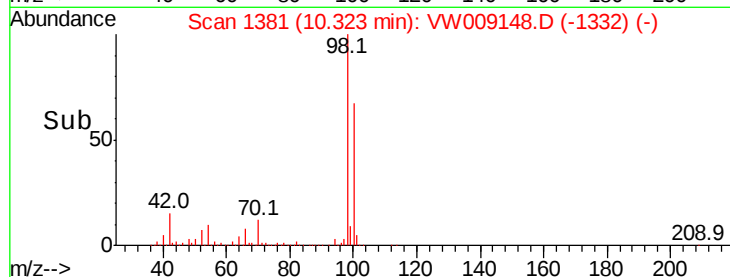
200000

100000

0

10.30 10.32 10.34 10.36 10.38 10.40

Time-->



#52

Toluene

Concen: 1.949 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW009148.D

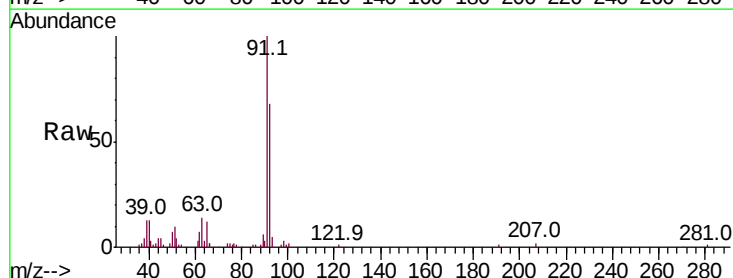
Acq: 13 Mar 2019 10:43

Tgt Ion: 92 Resp: 15211

Ion Ratio Lower Upper

92 100

91 157.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

15000

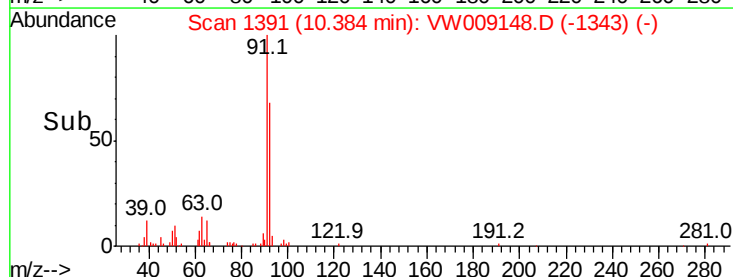
10000

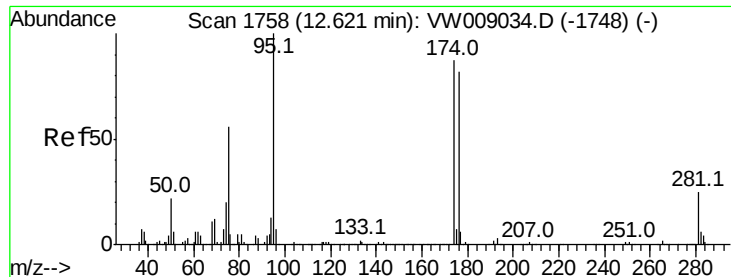
5000

0

10.30 10.35 10.40 10.45

Time-->





#62

4-Bromofluorobenzene

Concen: 38.508 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009148.D

Acq: 13 Mar 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-03-COMP

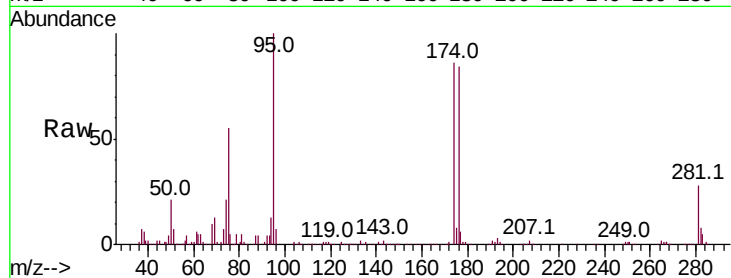
Tot Ion: 95 Resp: 154570

Ion Ratio Lower Upper

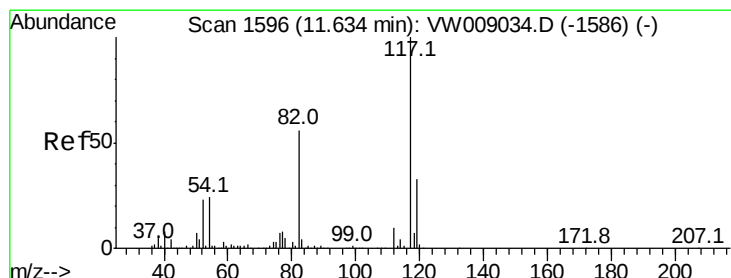
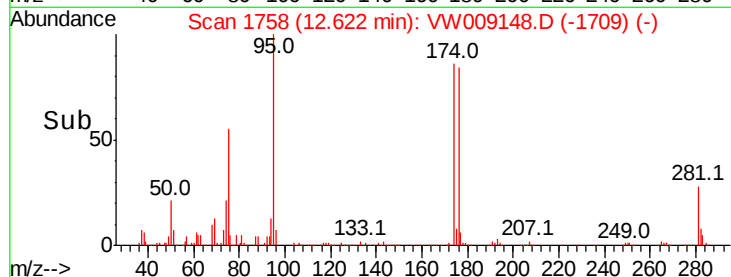
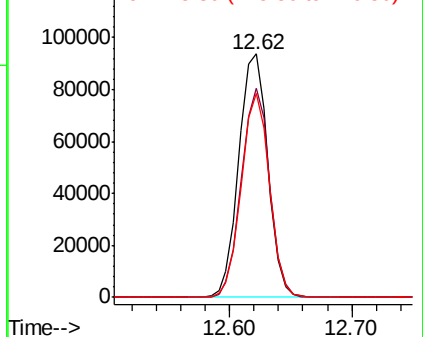
95 100

174 83.5 0.0 167.0

176 81.3 0.0 159.4



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: VW009148.D

Acq: 13 Mar 2019 10:43

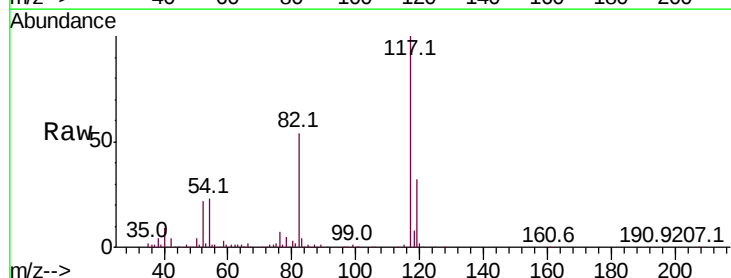
Tgt Ion: 117 Resp: 346215

Ion Ratio Lower Upper

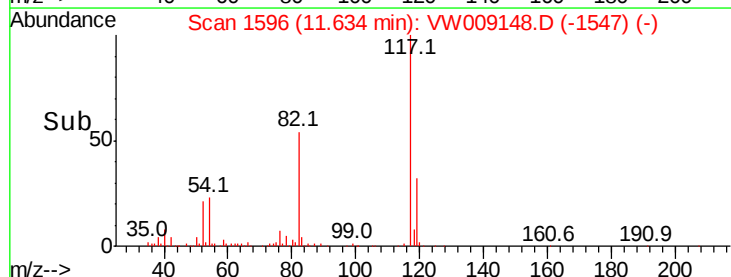
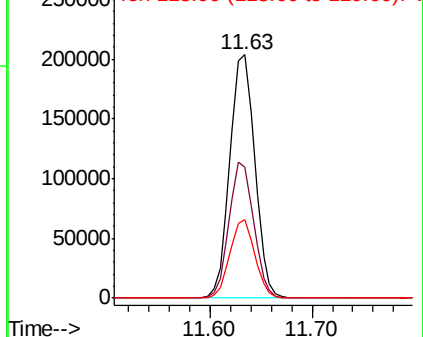
117 100

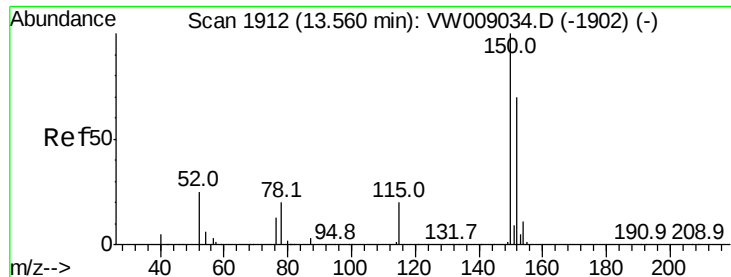
82 54.0 45.0 67.6

119 32.2 26.6 39.8



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: VW009148.D

Acq: 13 Mar 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

MR-MH-03-COMP

Tot Ion:152 Resp: 151676

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

150 156.8 0.0 349.2

