

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008712.D
 Acq On : 16 Feb 2019 05:16
 Operator : SY/VA
 Sample : K1508-03
 Misc : 4.62G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-12-S

Quant Time: Feb 18 08:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

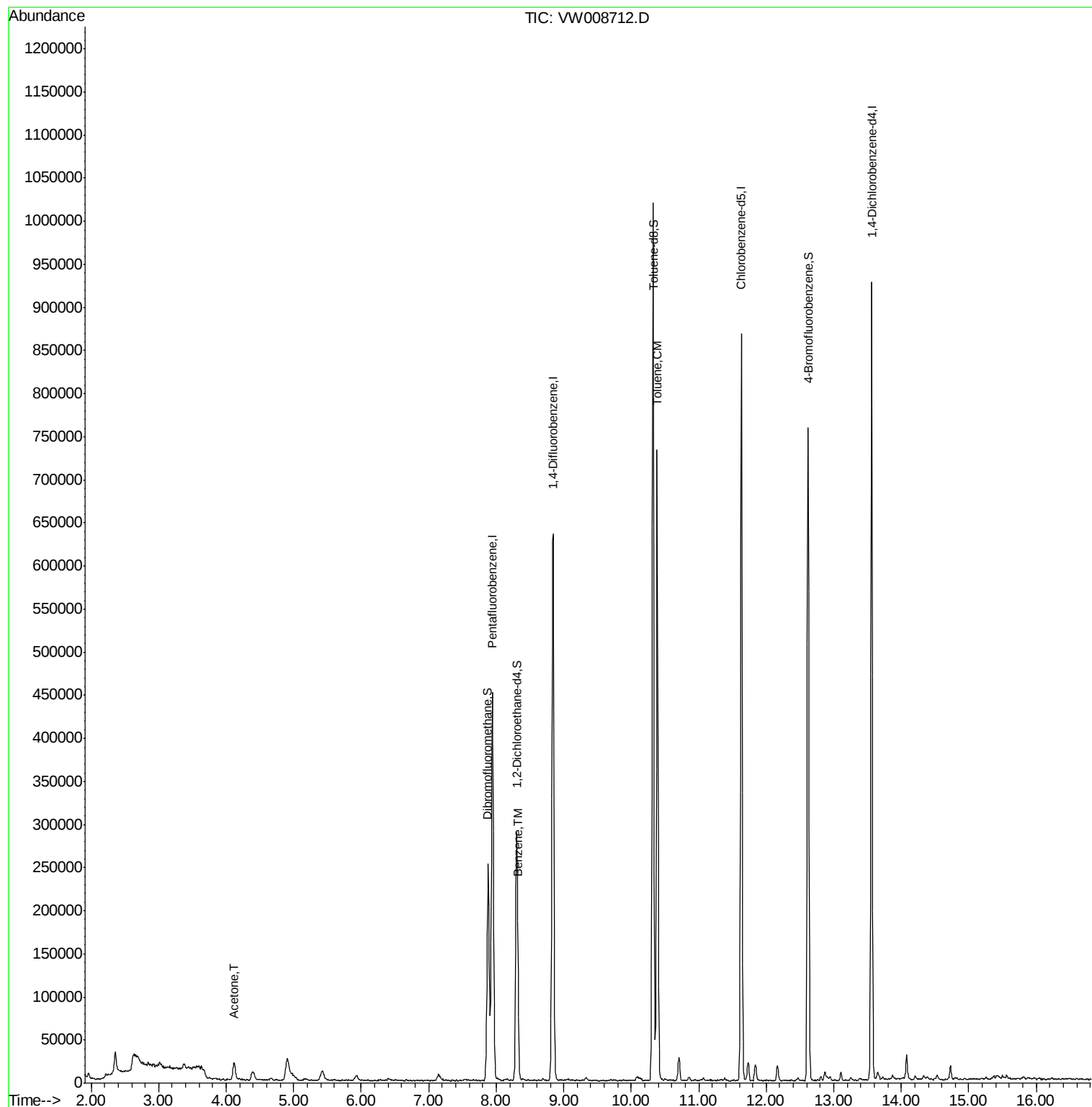
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	353339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	541660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	192973	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
35) Dibromofluoromethane	7.88	113	168902	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.32	98	645460	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	223025	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
16) Acetone	4.12	43	37493	44.853	ug/l	94
40) Benzene	8.32	78	39887	2.684	ug/l	99
52) Toluene	10.38	92	306393	31.956	ug/l	99

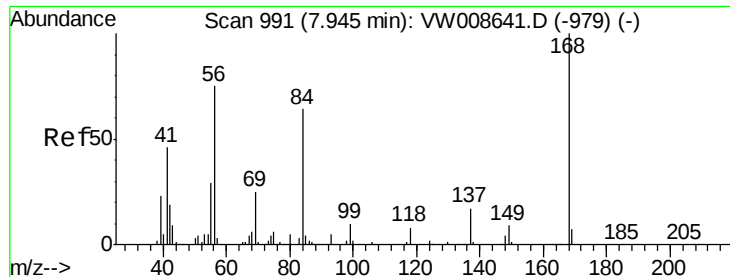
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW008712.D

Acq: 16 Feb 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

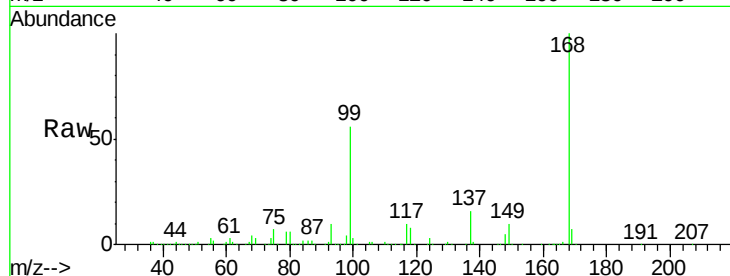
M-12-S

Tot Ion:168 Resp: 353339

Ion Ratio Lower Upper

168 100

99 56.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

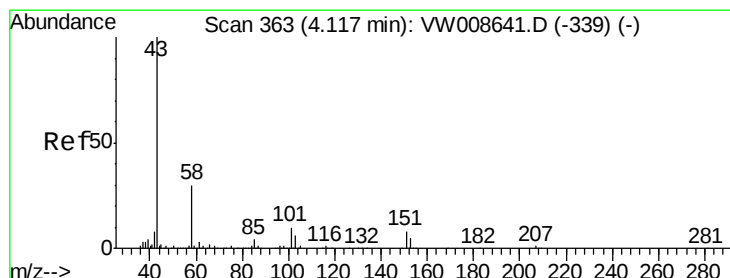
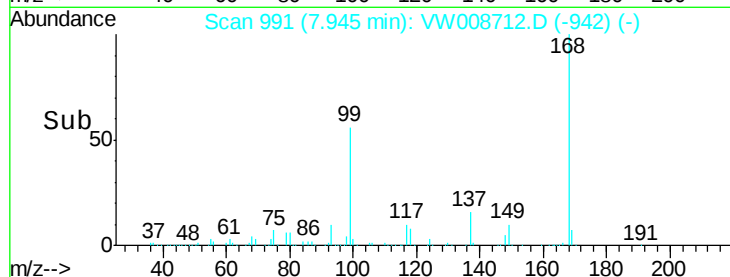
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 44.853 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008712.D

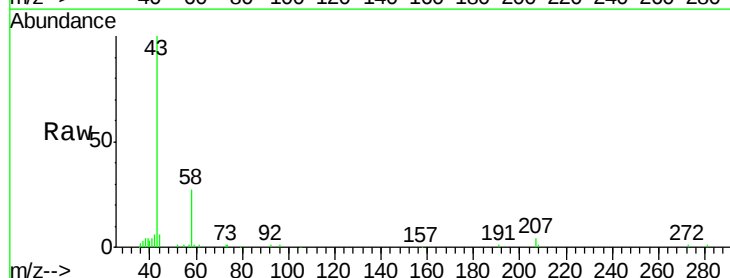
Acq: 16 Feb 2019 05:16

Tgt Ion: 43 Resp: 37493

Ion Ratio Lower Upper

43 100

58 27.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

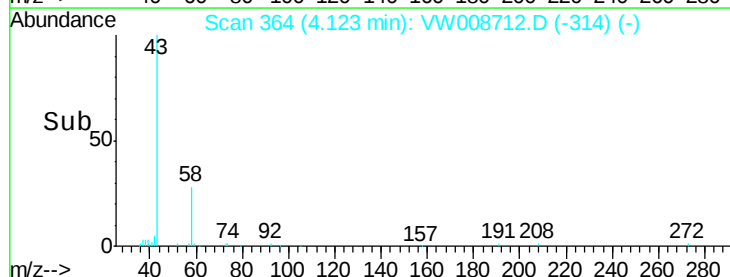
15000

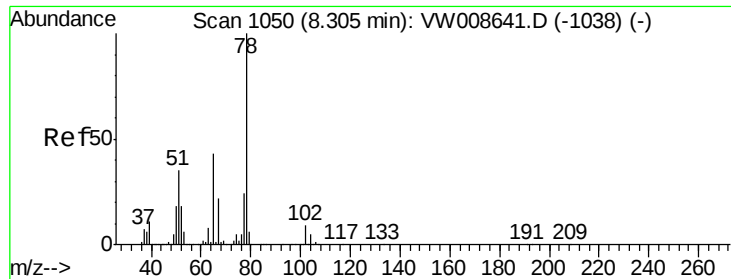
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

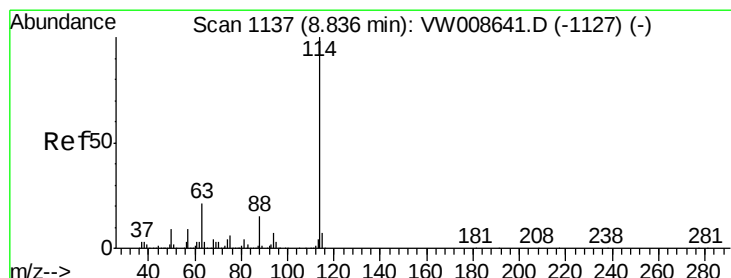
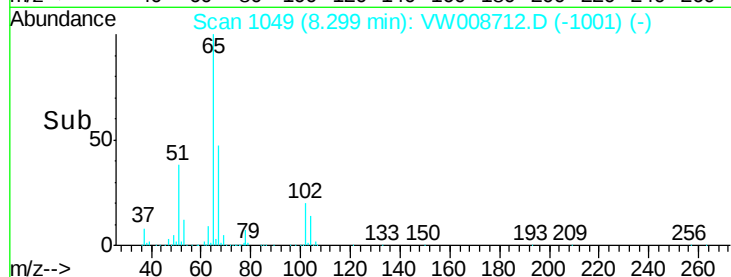
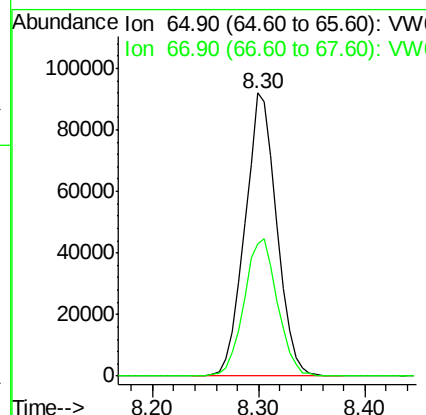
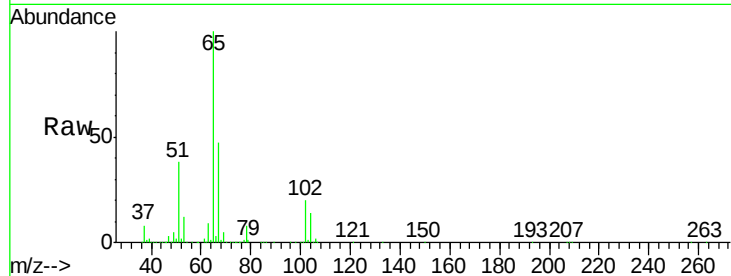




#33
 1,2-Dichloroethane-d4
 Concen: 52.532 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008712.D
 Acq: 16 Feb 2019 05:16

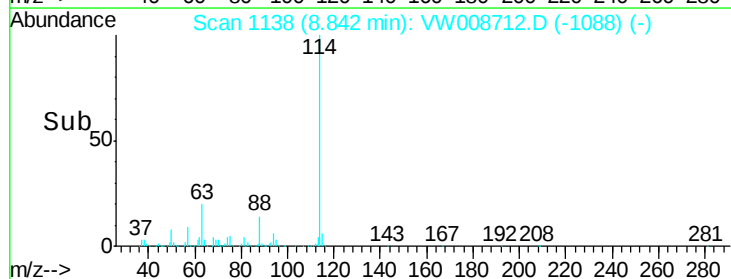
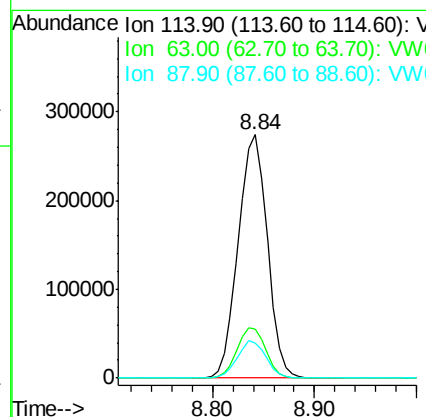
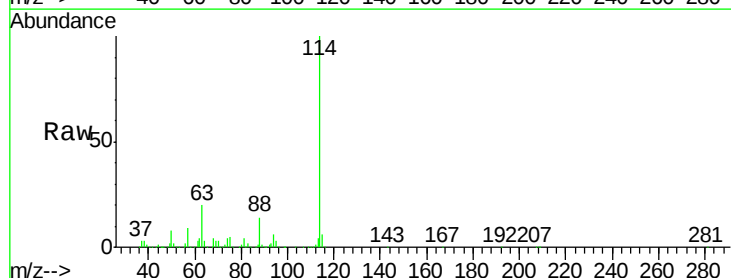
Instrument :
 MSVOA_W
 ClientSampleId :
 M-12-S

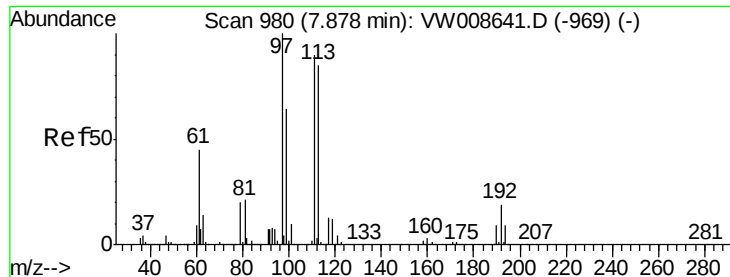
Tot Ion: 65 Resp: 192973
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008712.D
 Acq: 16 Feb 2019 05:16

Tgt Ion: 114 Resp: 541660
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.218 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008712.D

Acq: 16 Feb 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

M-12-S

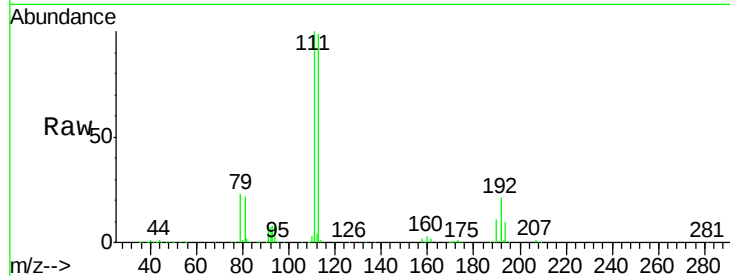
Tot Ion:113 Resp: 168902

Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

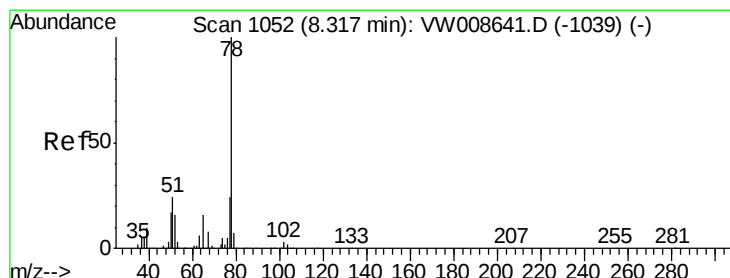
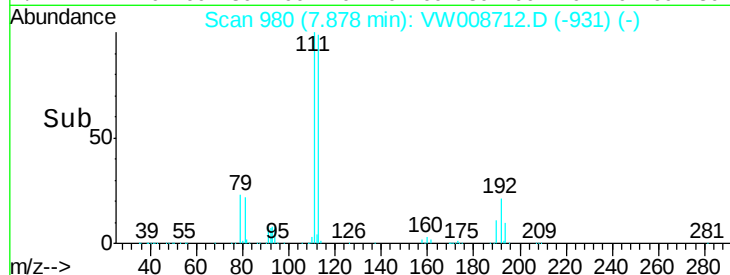
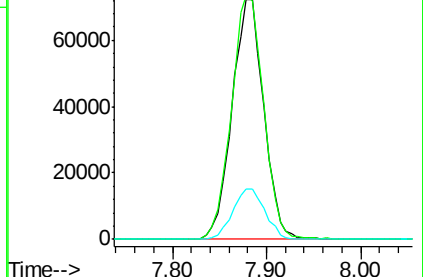
192 21.4 17.4 26.2



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



#40

Benzene

Concen: 2.684 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW008712.D

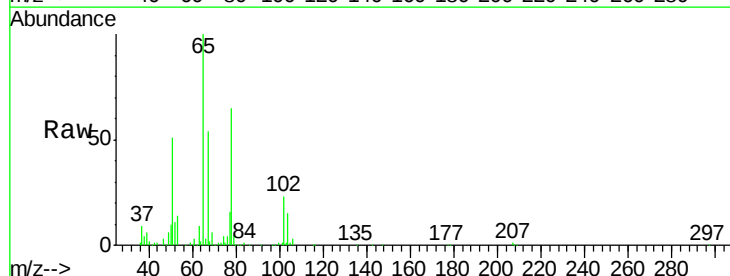
Acq: 16 Feb 2019 05:16

Tgt Ion: 78 Resp: 39887

Ion Ratio Lower Upper

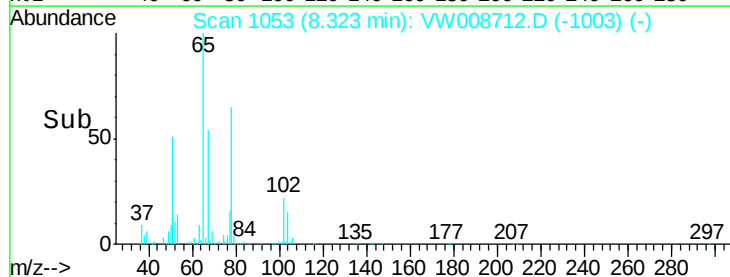
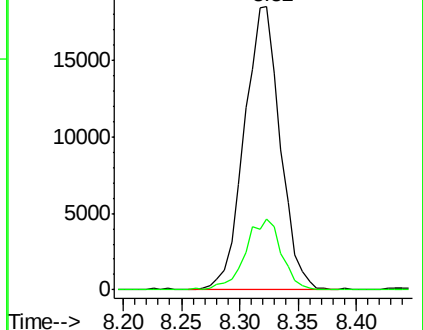
78 100

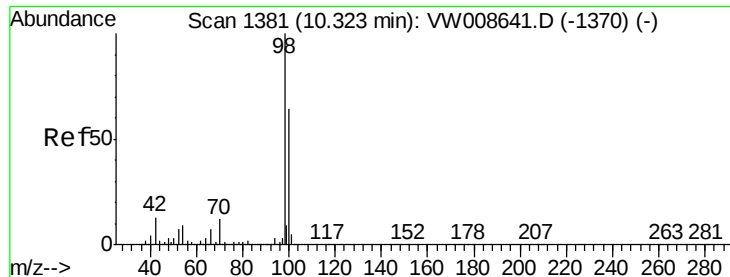
77 25.1 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 49.783 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008712.D

Acq: 16 Feb 2019 05:16

Instrument :

MSVOA_W

ClientSampled :

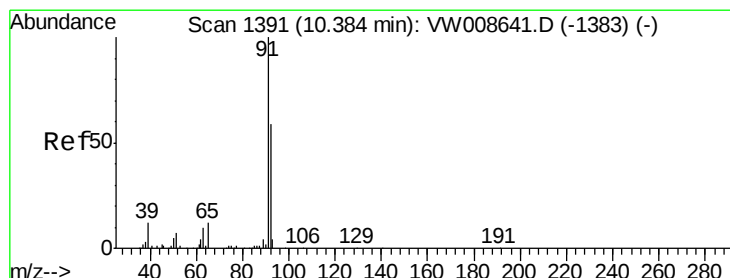
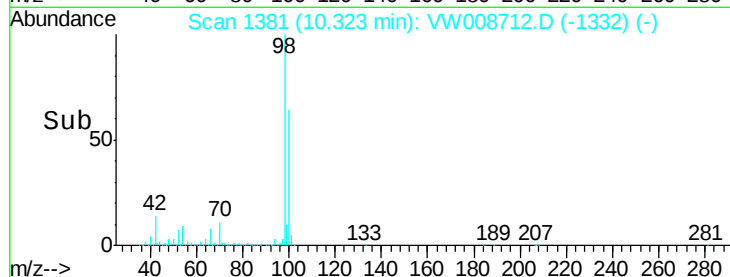
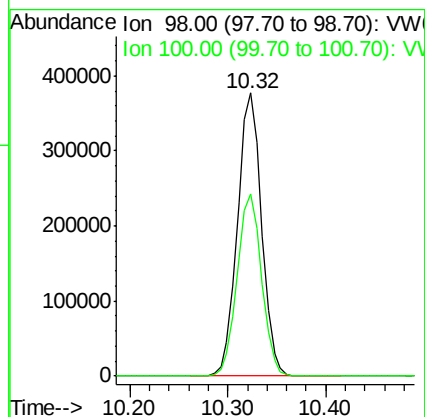
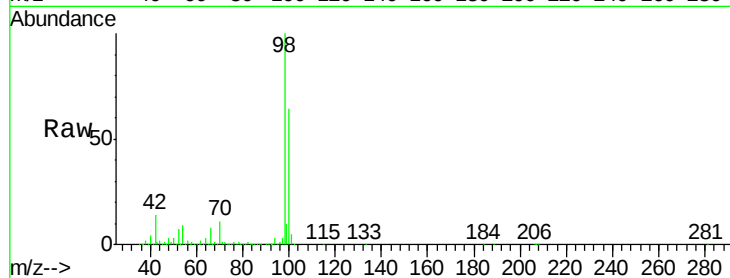
M-12-S

Tot Ion: 98 Resp: 645460

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#52

Toluene

Concen: 31.956 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008712.D

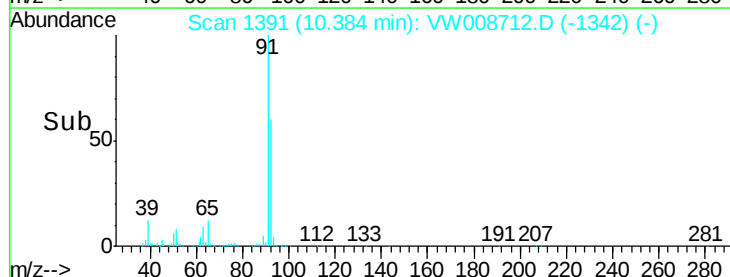
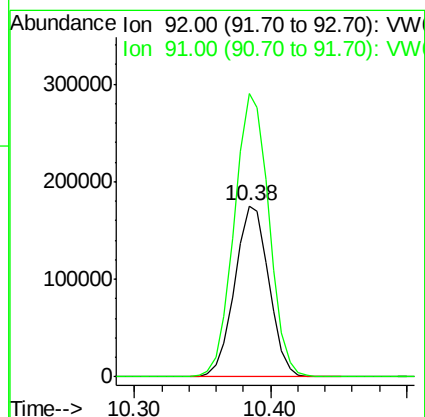
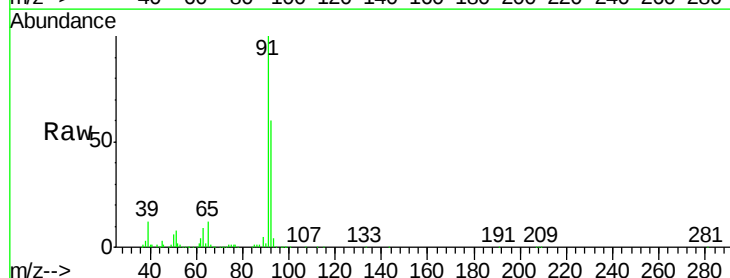
Acq: 16 Feb 2019 05:16

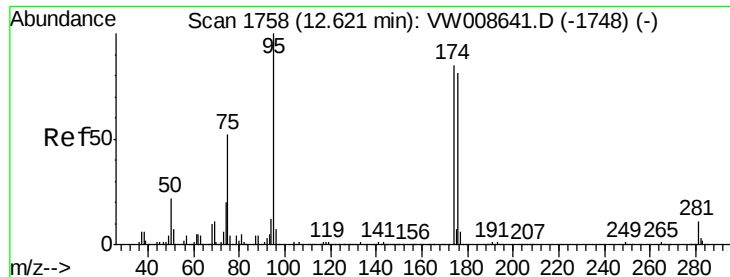
Tgt Ion: 92 Resp: 306393

Ion Ratio Lower Upper

92 100

91 167.8 135.8 203.6





#62

4-Bromofluorobenzene

Concen: 45.668 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008712.D

Acq: 16 Feb 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

M-12-S

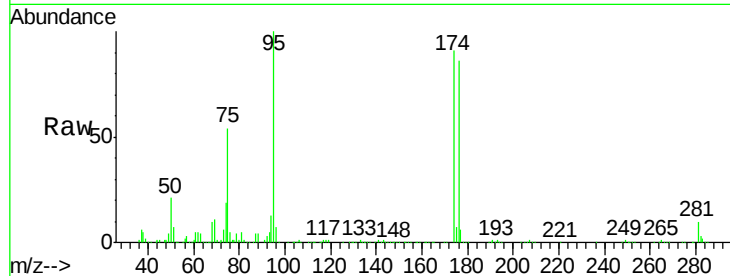
Tot Ion: 95 Resp: 223025

Ion Ratio Lower Upper

95 100

174 84.9 0.0 163.2

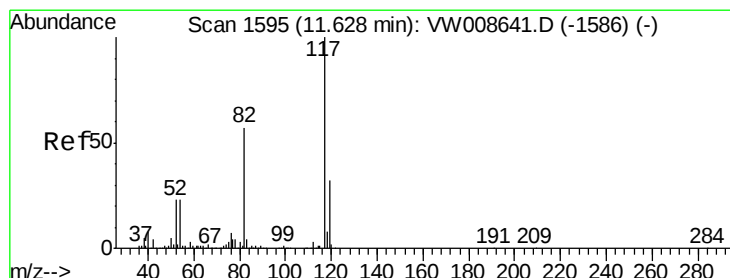
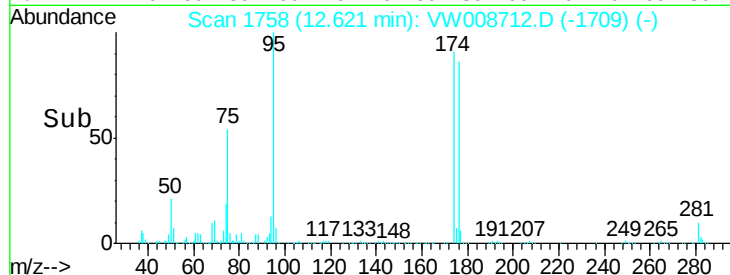
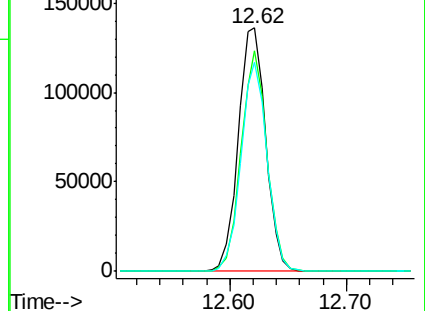
176 81.9 0.0 158.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008712.D

Acq: 16 Feb 2019 05:16

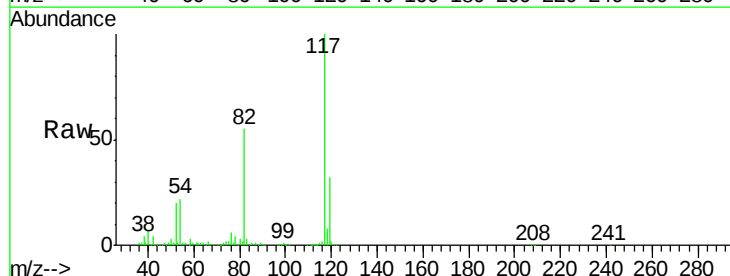
Tgt Ion: 117 Resp: 473654

Ion Ratio Lower Upper

117 100

82 54.6 45.6 68.4

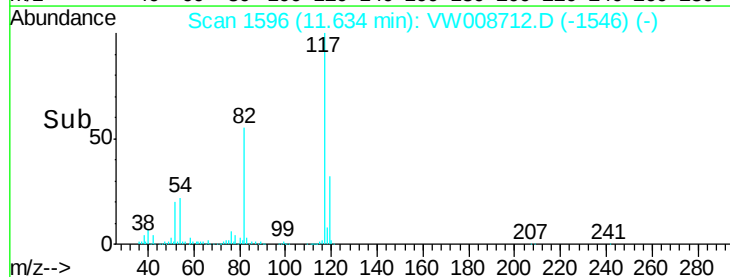
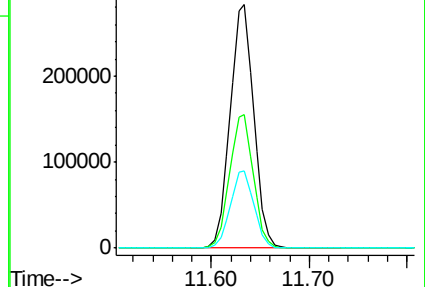
119 31.8 25.7 38.5

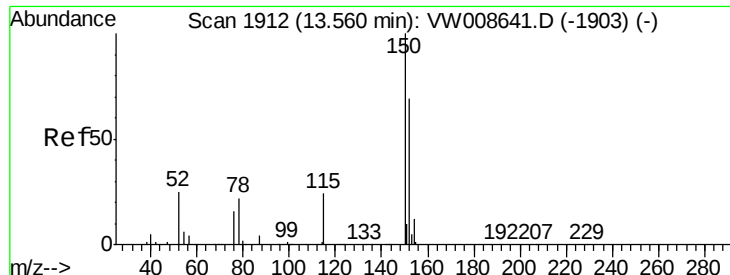


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008712.D

Acq: 16 Feb 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

M-12-S

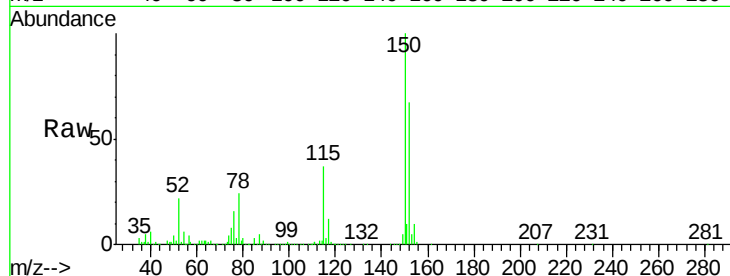
Tot Ion:152 Resp: 231669

Ion Ratio Lower Upper

152 100

115 56.9 29.3 87.8

150 156.3 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

