

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010892.D
 Acq On : 20 Jun 2019 15:14
 Operator : SY/VA
 Sample : K3448-01
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-2(6-8)

Quant Time: Jun 21 08:22:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

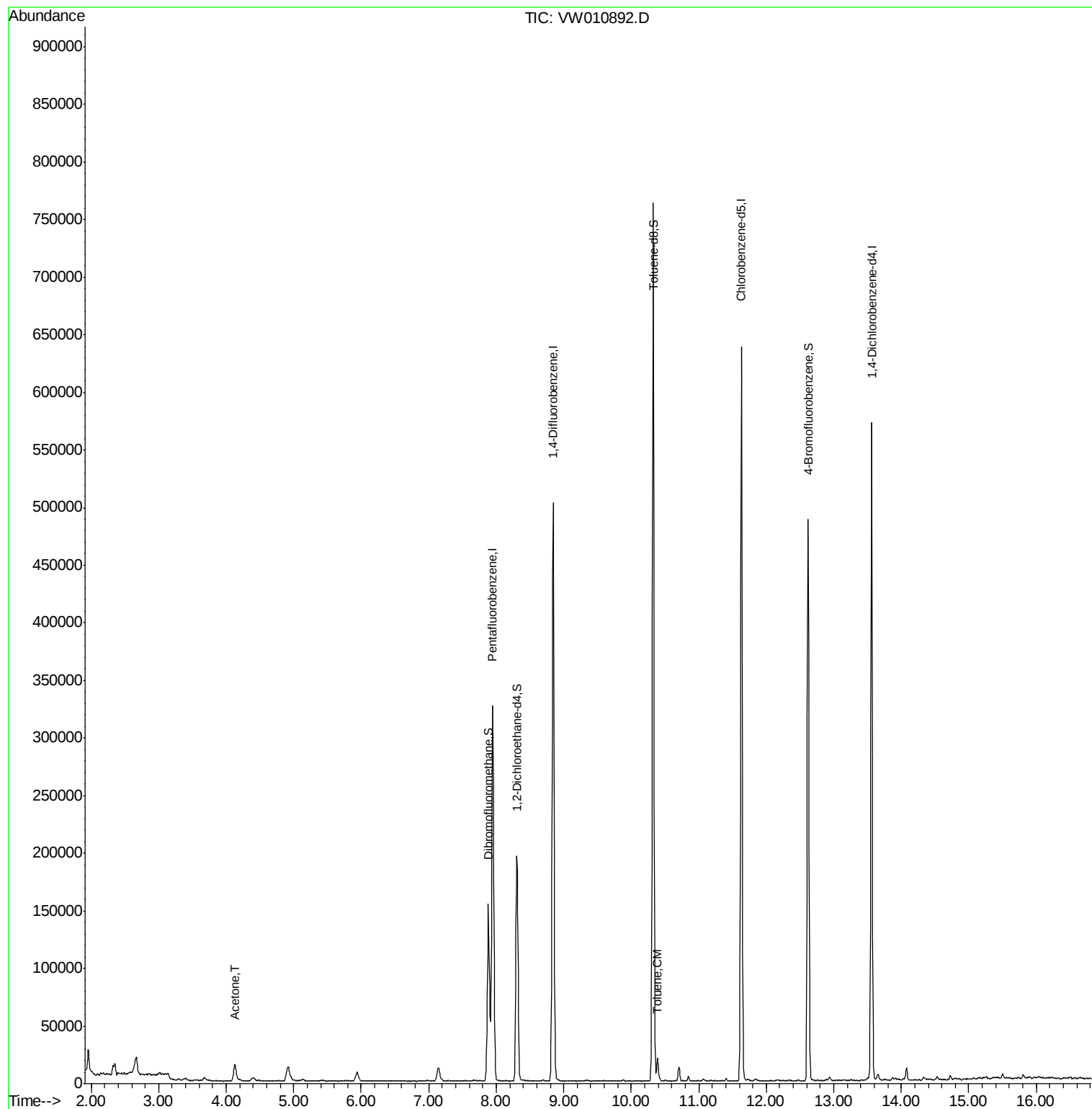
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153872	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	7.88	113	106569	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.32	98	474313	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.62	95	157590	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
16) Acetone	4.12	43	27245	36.980	ug/l	95
52) Toluene	10.38	92	7398	1.122	ug/l	96

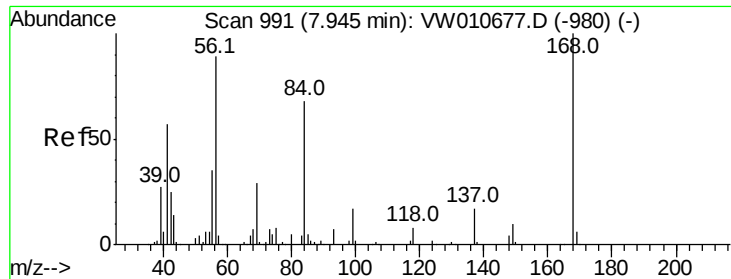
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062019\
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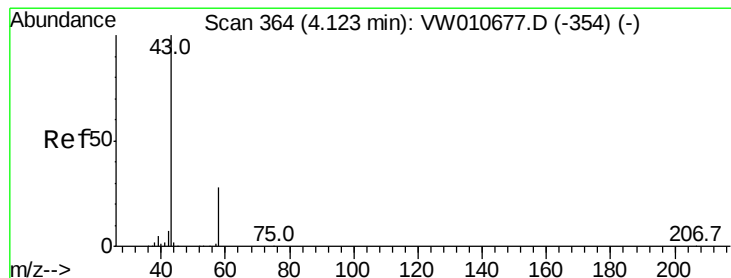
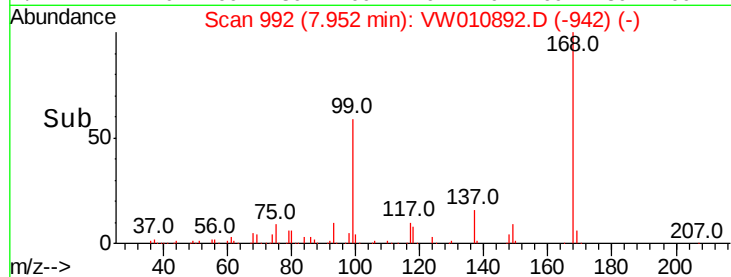
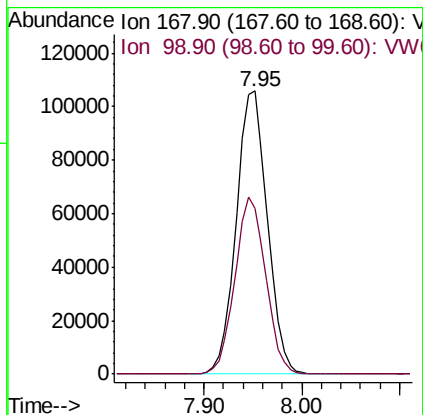
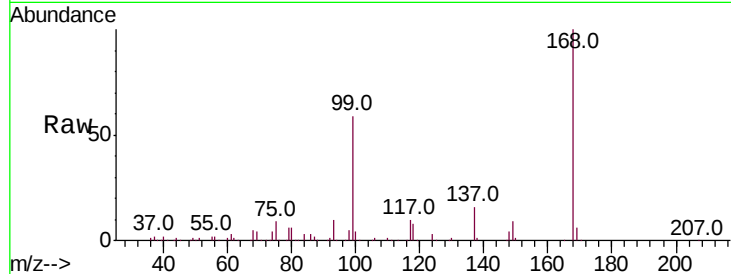


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 M-2(6-8)

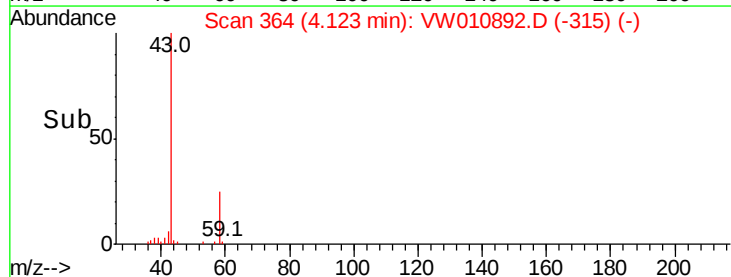
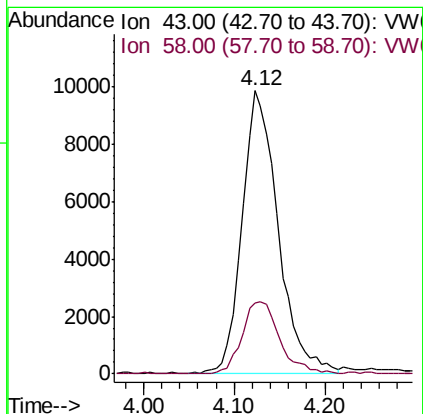
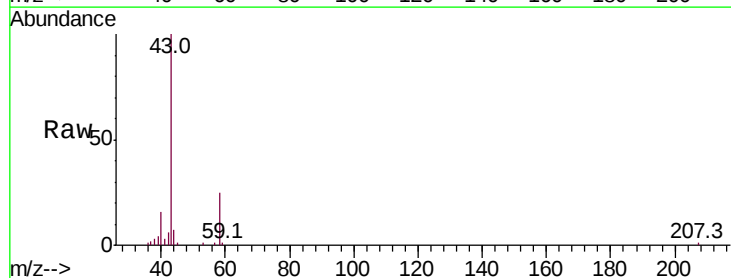
Tot Ion:168 Resp: 233277
 Ion Ratio Lower Upper
 168 100
 99 58.6 47.7 71.5

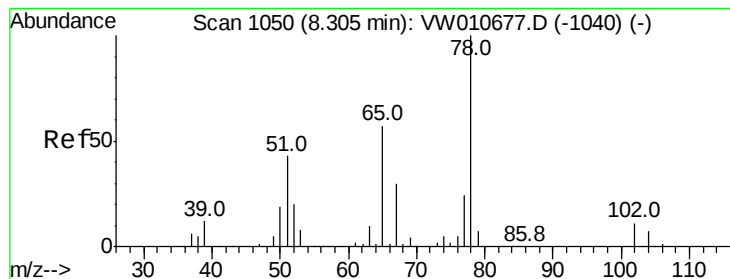


#16

Acetone
 Concen: 36.980 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010892.D
 Acq: 20 Jun 2019 15:14

Tgt Ion: 43 Resp: 27245
 Ion Ratio Lower Upper
 43 100
 58 25.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 55.962 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Instrument :

MSVOA_W

ClientSampled :

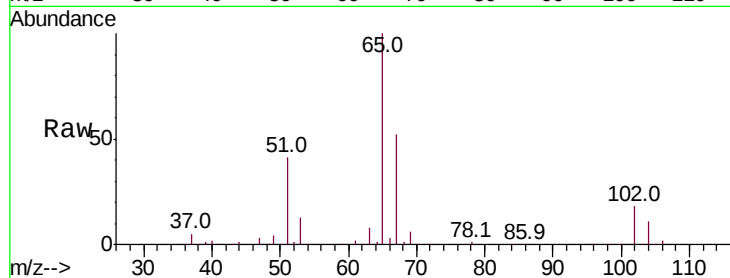
M-2(6-8)

Tot Ion: 65 Resp: 153872

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

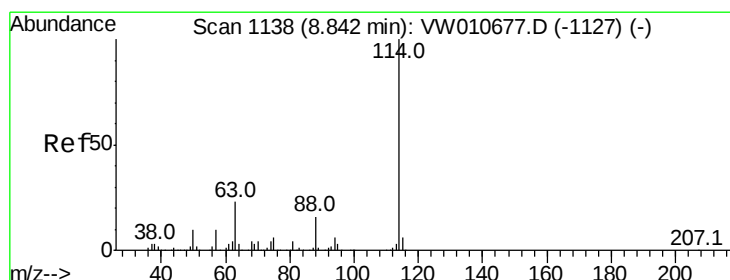
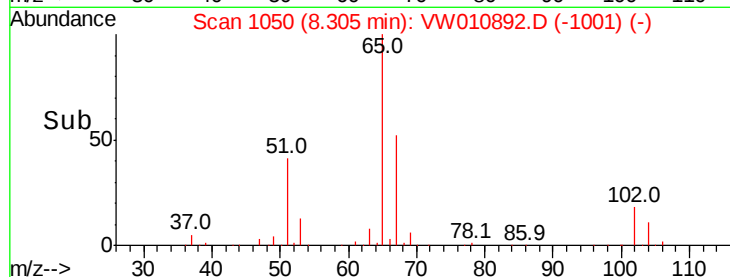
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

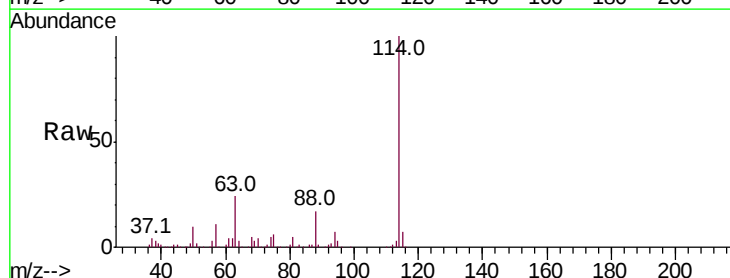
Tgt Ion:114 Resp: 383717

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.4

88 17.1 0.0 32.2



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

250000

200000

150000

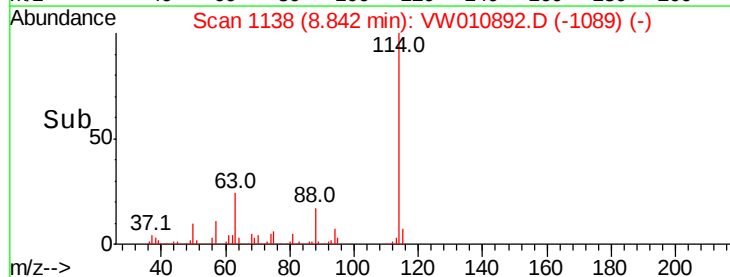
100000

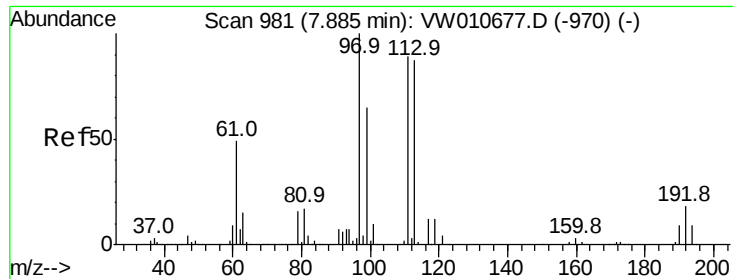
50000

0

8.70 8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 51.168 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Instrument :
MSVOA_W
ClientSampled :
M-2(6-8)

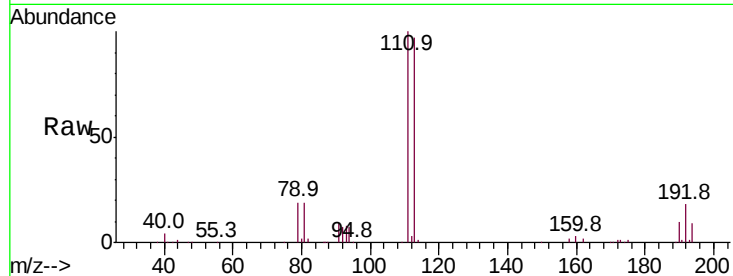
Tot Ion:113 Resp: 106569

Ion Ratio Lower Upper

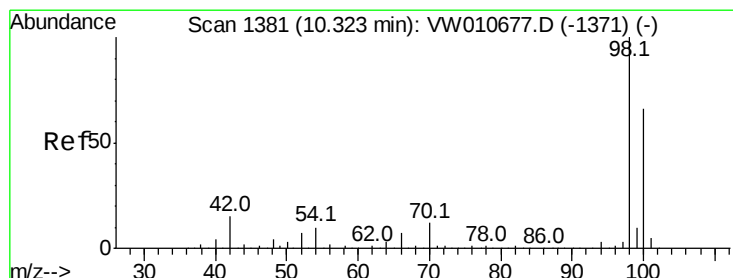
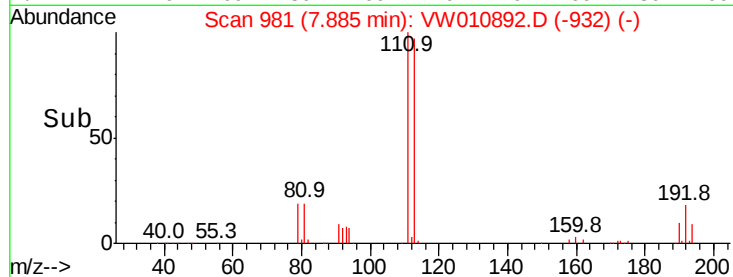
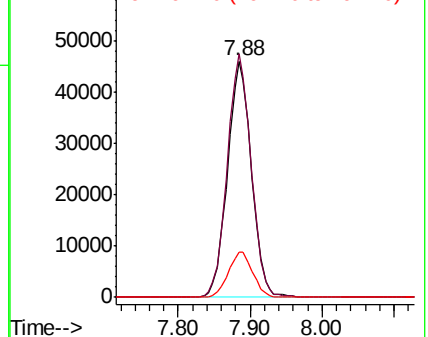
113 100

111 102.9 82.6 123.8

192 19.5 16.4 24.6



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: 51.934 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010892.D

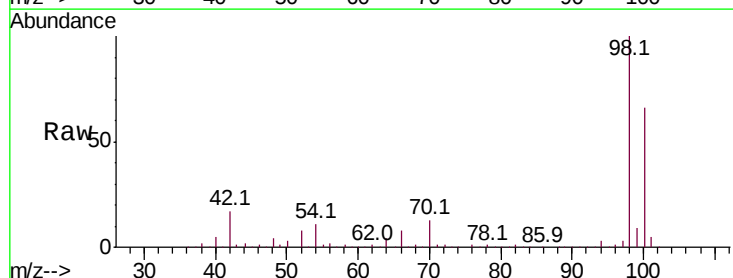
Acq: 20 Jun 2019 15:14

Tgt Ion: 98 Resp: 474313

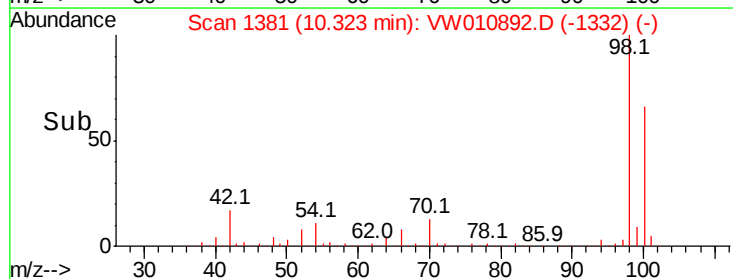
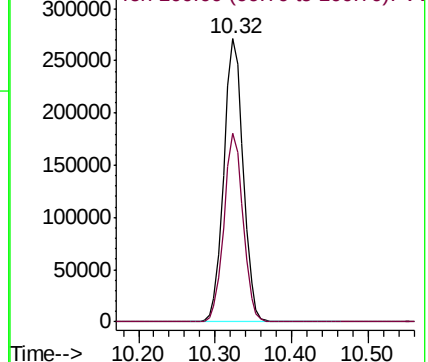
Ion Ratio Lower Upper

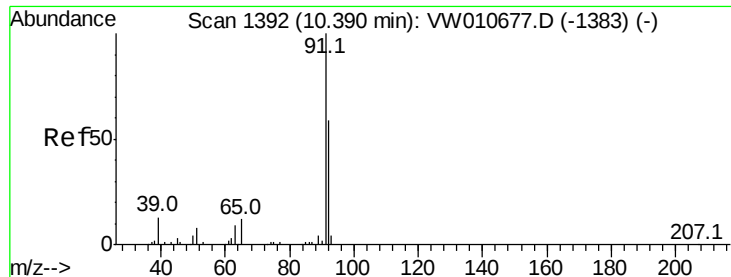
98 100

100 65.7 53.0 79.6



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





#52

Toluene

Concen: 1.122 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

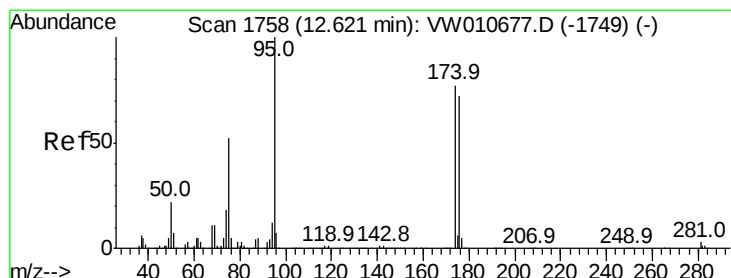
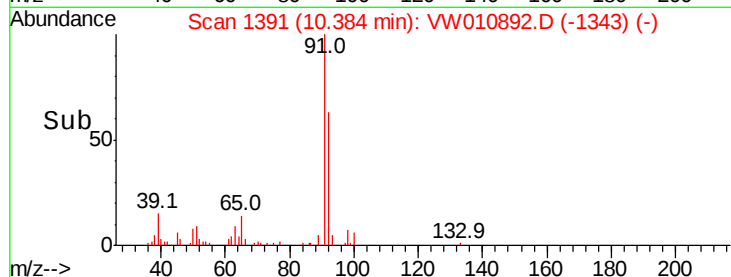
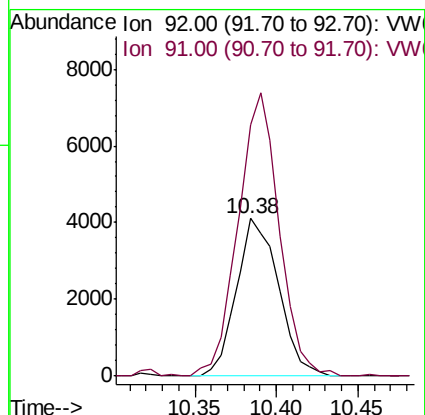
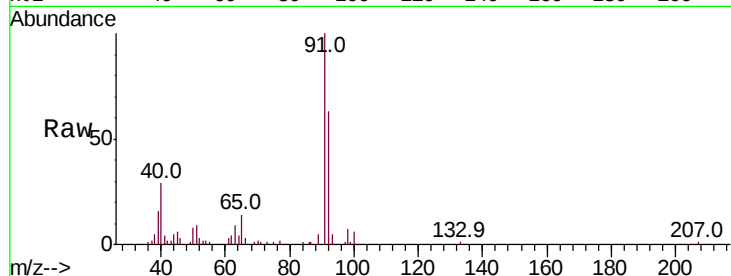
M-2(6-8)

Tot Ion: 92 Resp: 7398

Ion Ratio Lower Upper

92 100

91 174.7 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 47.418 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010892.D

Acq: 20 Jun 2019 15:14

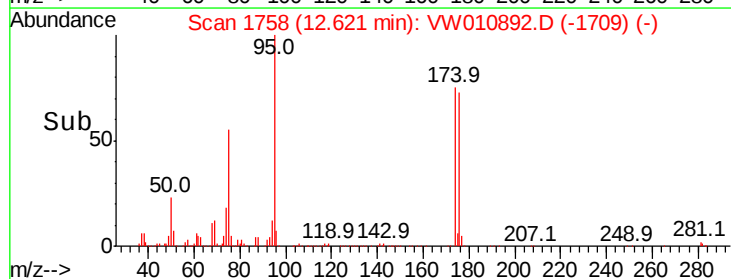
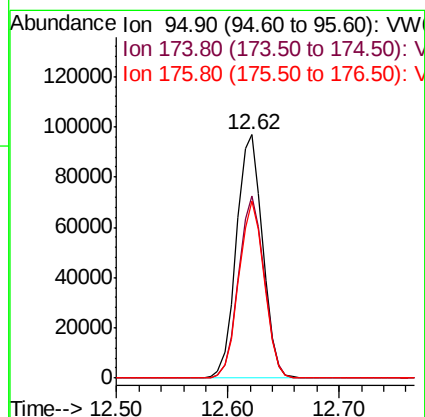
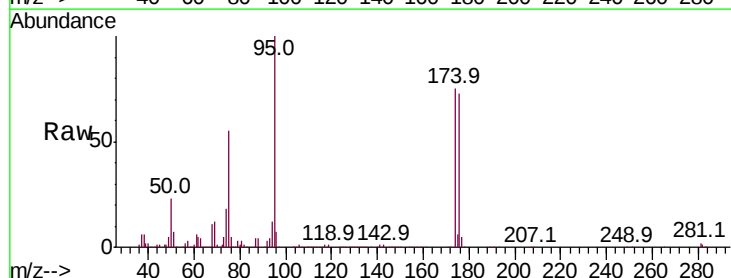
Tgt Ion: 95 Resp: 157590

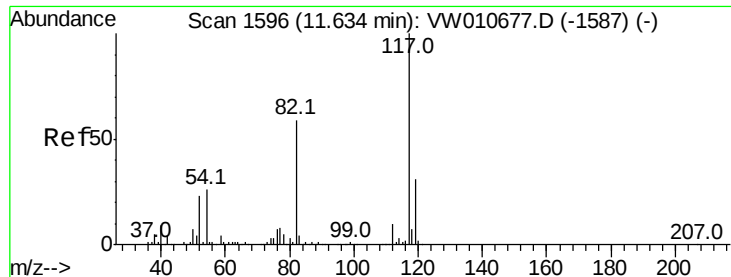
Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 70.7 0.0 144.8

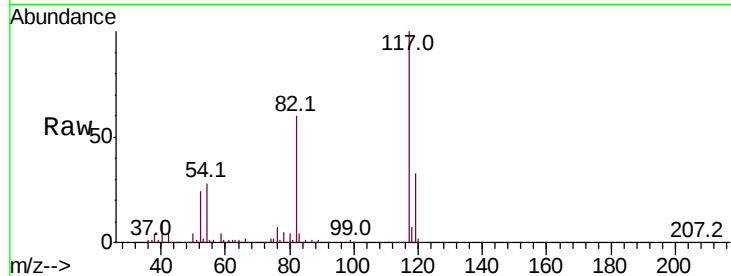




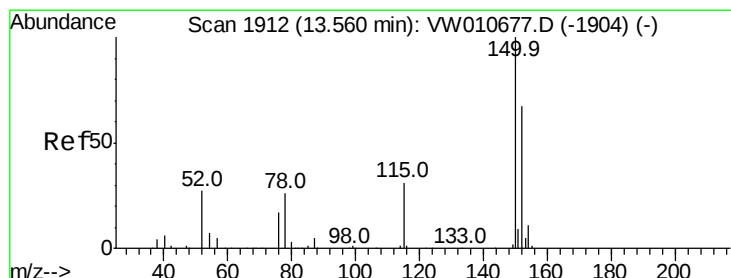
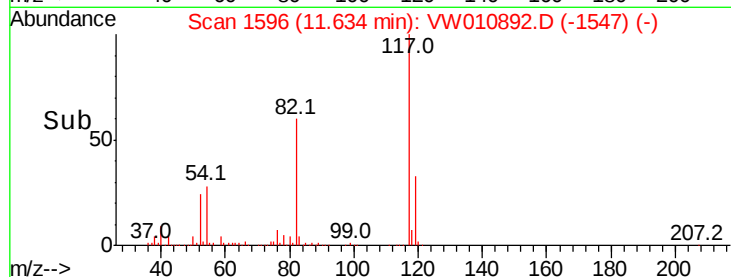
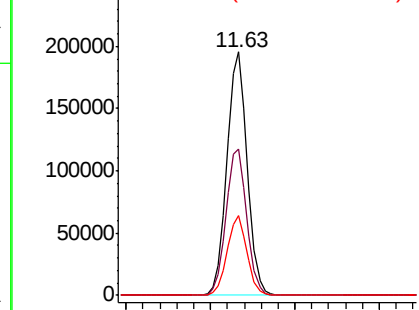
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010892.D
Acq: 20 Jun 2019 15:14

Instrument :
MSVOA_W
ClientSampled :
M-2(6-8)

Tot Ion:117 Resp: 324241
Ion Ratio Lower Upper
117 100
82 60.2 47.0 70.4
119 32.7 25.1 37.7

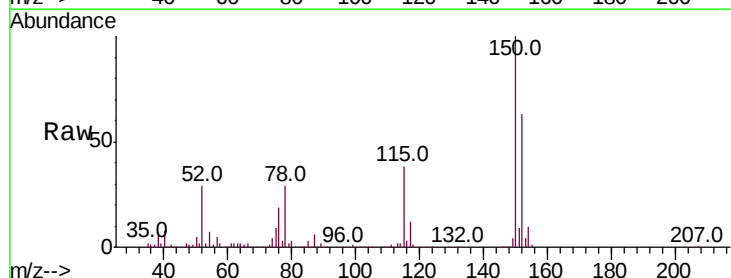


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010892.D
Acq: 20 Jun 2019 15:14

Tgt Ion:152 Resp: 135244
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 156.6 0.0 345.0



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

