

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010667.D
 Acq On : 03 Jun 2019 18:44
 Operator : SY/VA
 Sample : K3165-02
 Misc : 1.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 13860

Quant Time: Jun 04 08:23:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

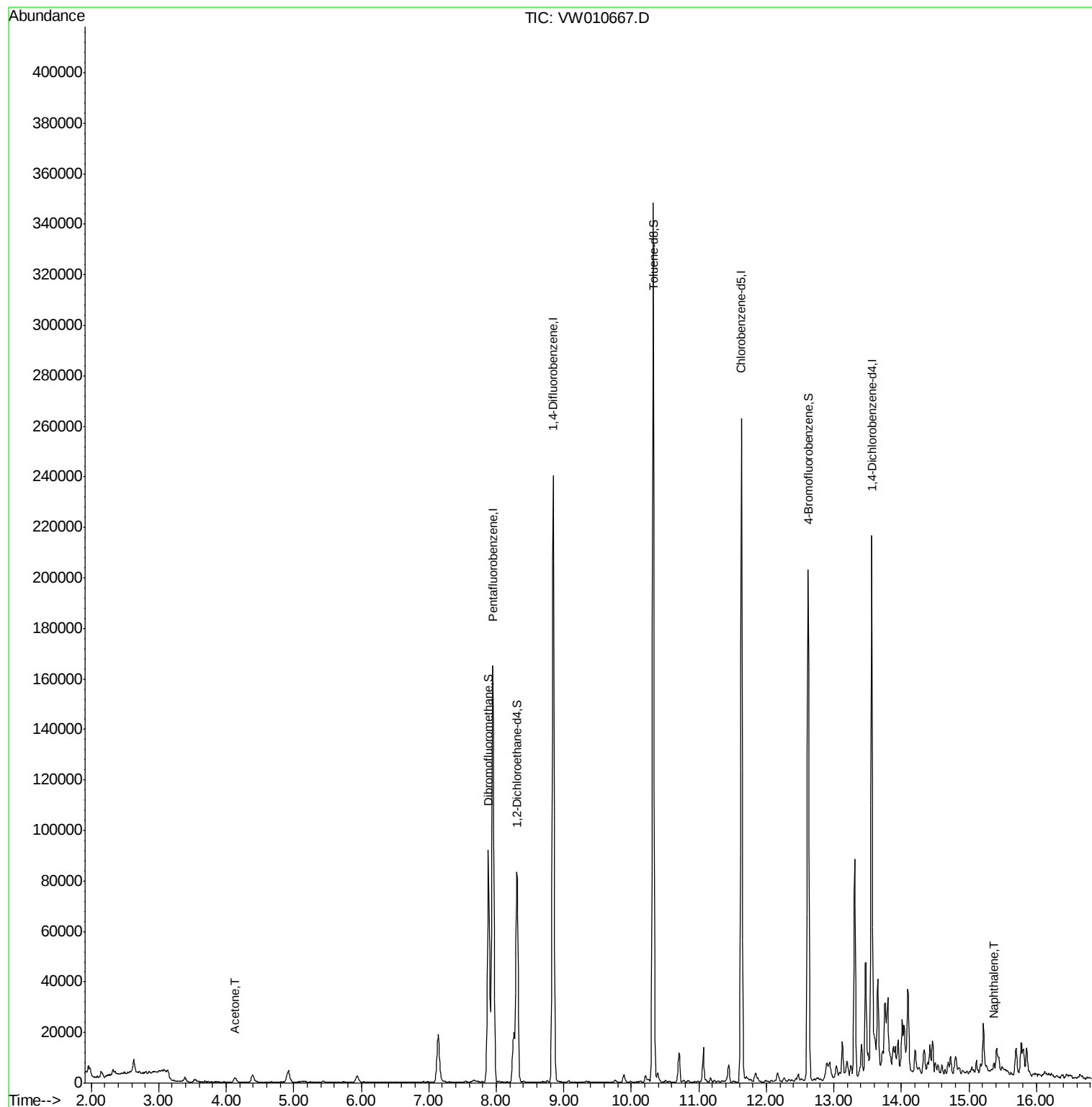
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	218066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	66599	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.89	113	66951	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.32	98	238143	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.62	95	71634	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	
Target Compounds						
16) Acetone	4.13	43	3209	12.051	ug/l	93
95) Naphthalene	15.37	128	3354	1.384	ug/l #	94

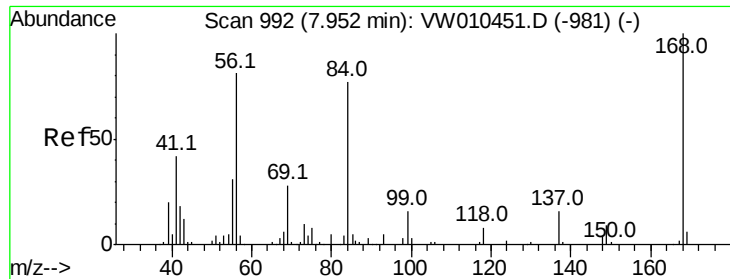
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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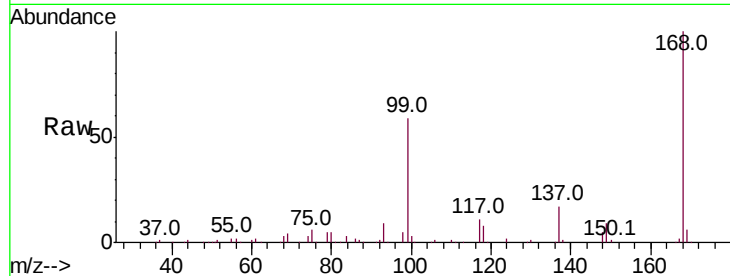
13860

Tot Ion:168 Resp: 126386

Ion Ratio Lower Upper

168 100

99 58.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

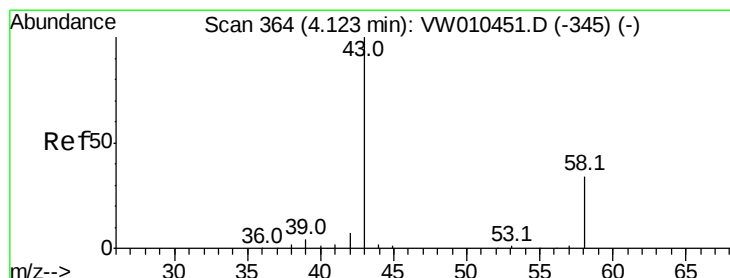
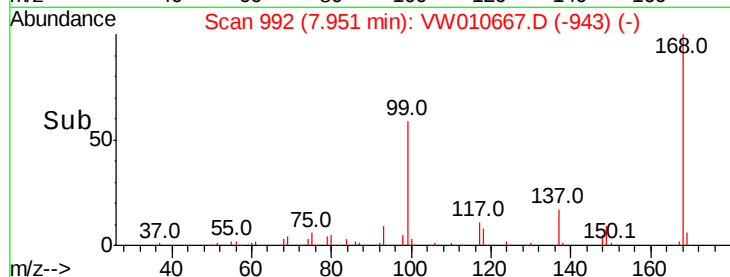
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 12.051 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010667.D

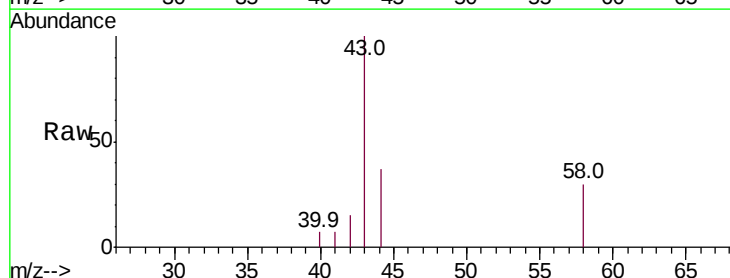
Acq: 03 Jun 2019 18:44

Tgt Ion: 43 Resp: 3209

Ion Ratio Lower Upper

43 100

58 29.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1200

1000

800

600

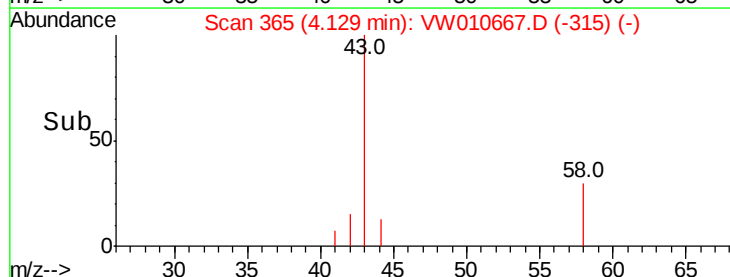
400

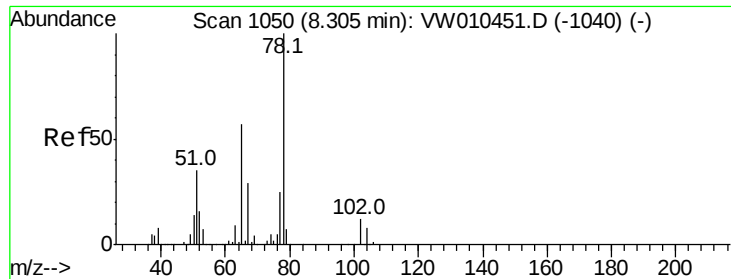
200

0

4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.053 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

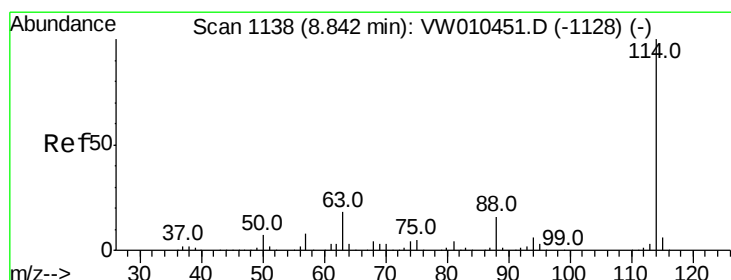
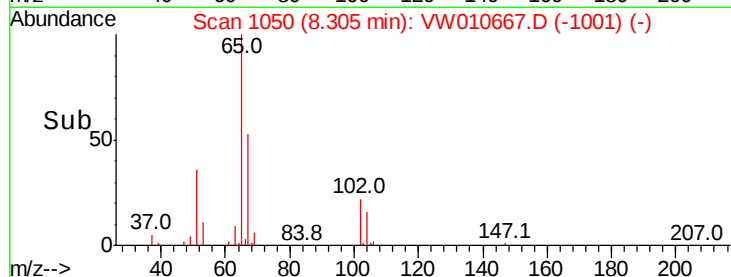
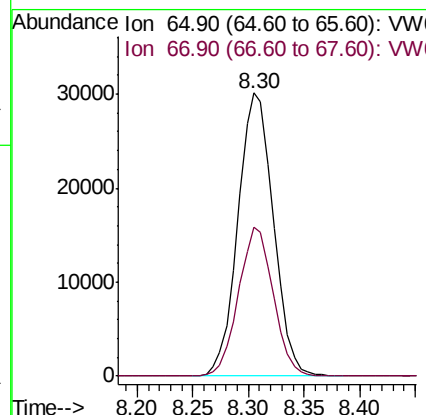
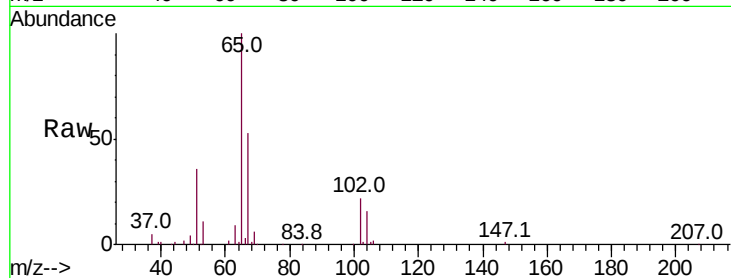
Lab File: VW010667.D

Acq: 03 Jun 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
13860

Tot Ion: 65 Resp: 66599

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

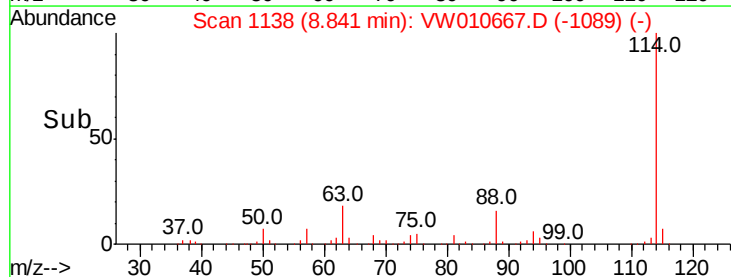
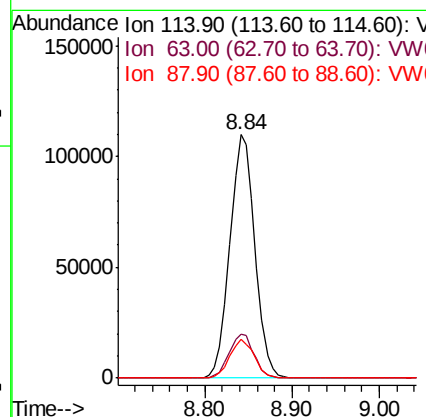
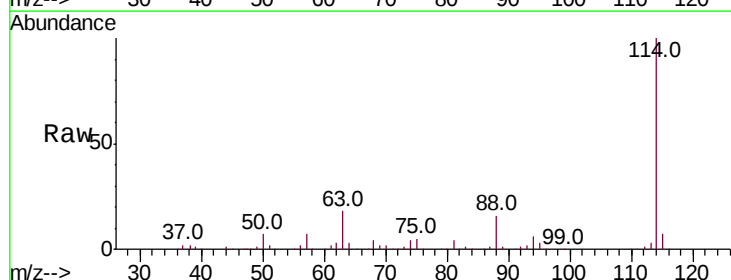
Delta R.T. -0.00 min

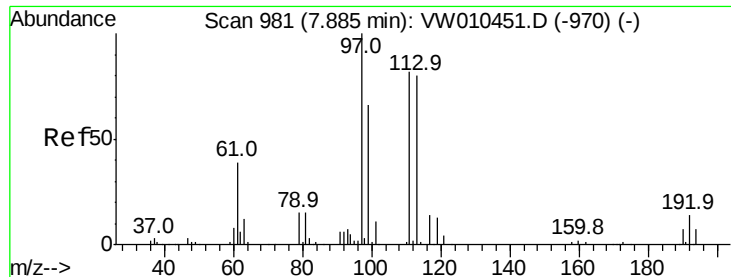
Lab File: VW010667.D

Acq: 03 Jun 2019 18:44

Tgt Ion: 114 Resp: 218066

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.0
88	15.9	0.0	32.0





#35

Dibromofluoromethane

Concen: 50.598 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW010667.D

Acq: 03 Jun 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
13860

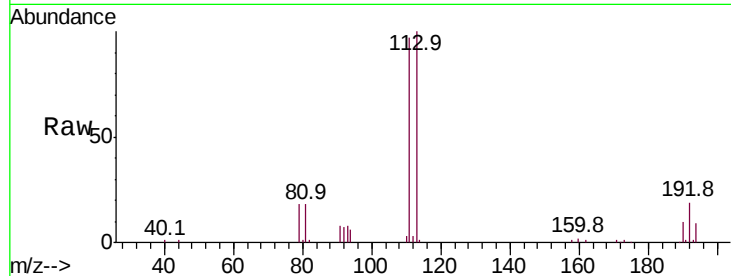
Tot Ion:113 Resp: 66951

Ion Ratio Lower Upper

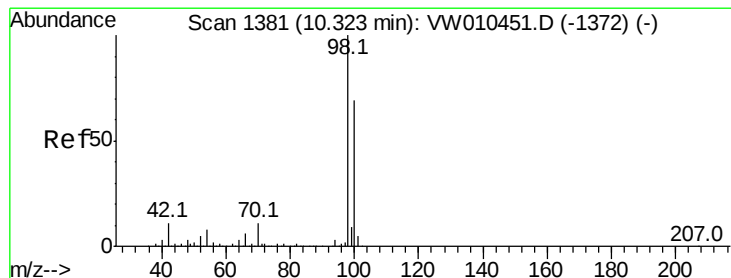
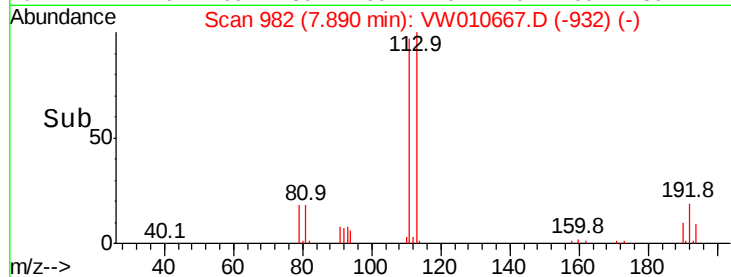
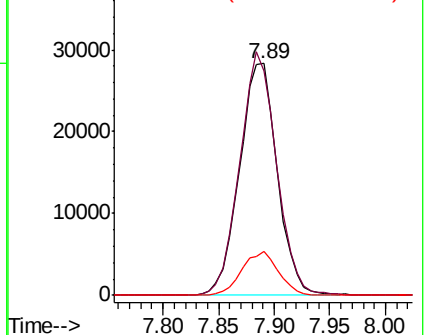
113 100

111 102.2 82.2 123.4

192 18.3 14.3 21.5



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: 47.112 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010667.D

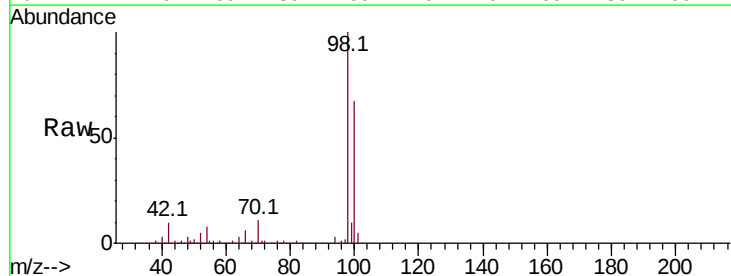
Acq: 03 Jun 2019 18:44

Tgt Ion: 98 Resp: 238143

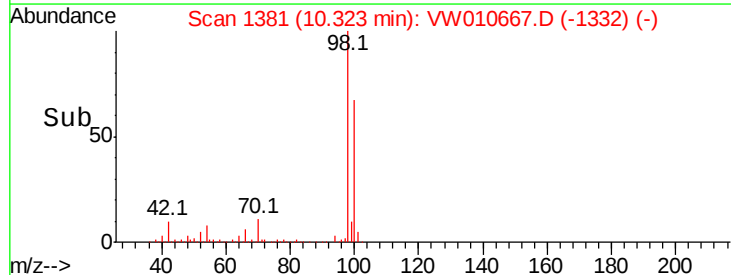
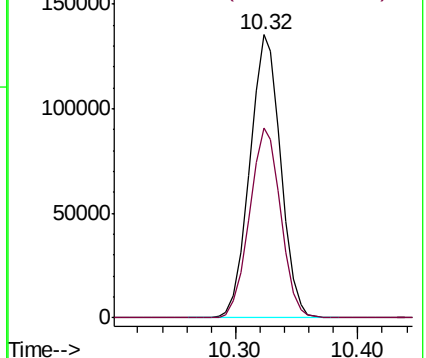
Ion Ratio Lower Upper

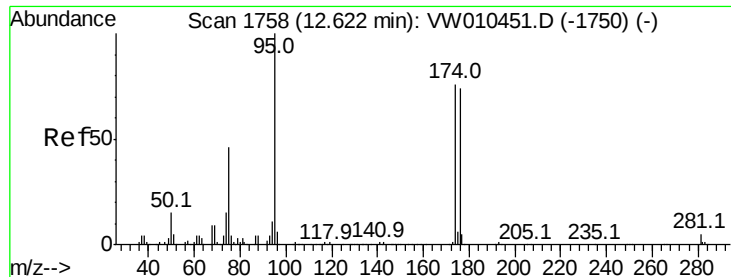
98 100

100 67.7 53.7 80.5



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

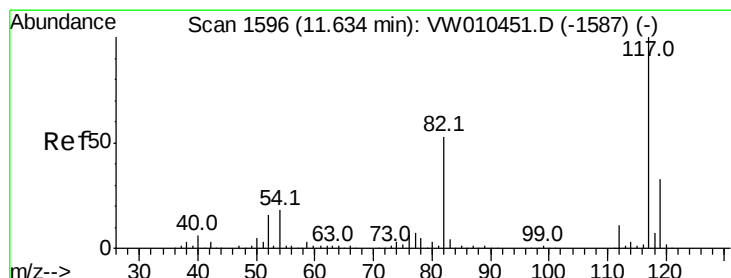
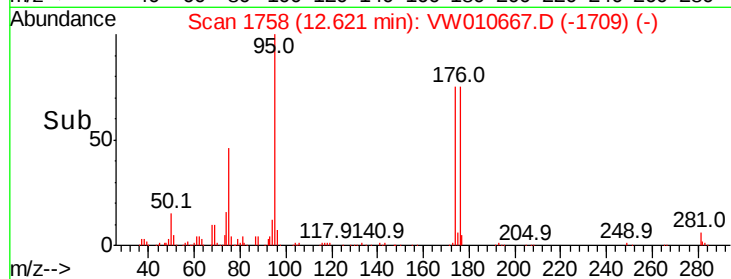
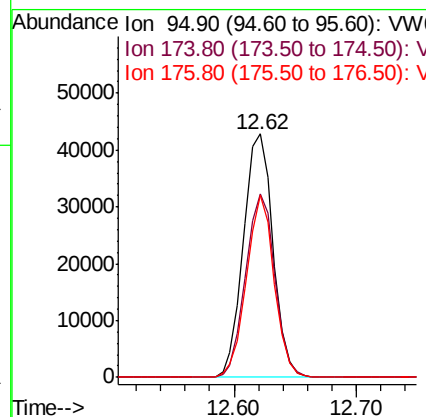
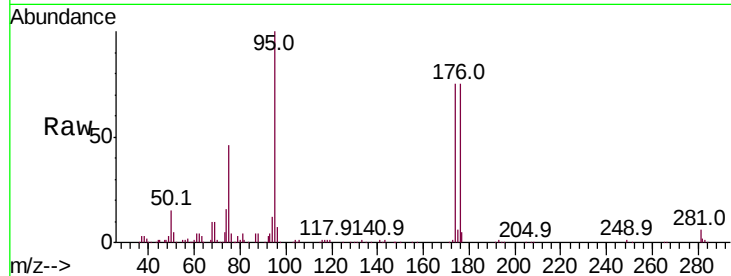




#62
4-Bromofluorobenzene
Concen: 35.578 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010667.D
Acq: 03 Jun 2019 18:44

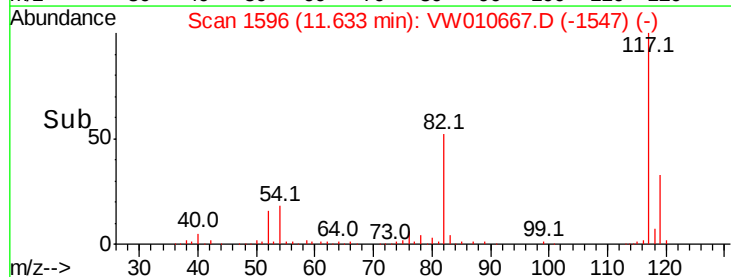
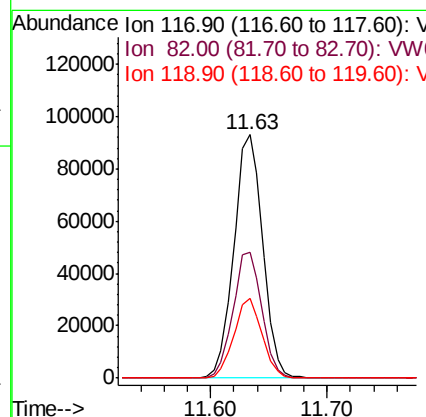
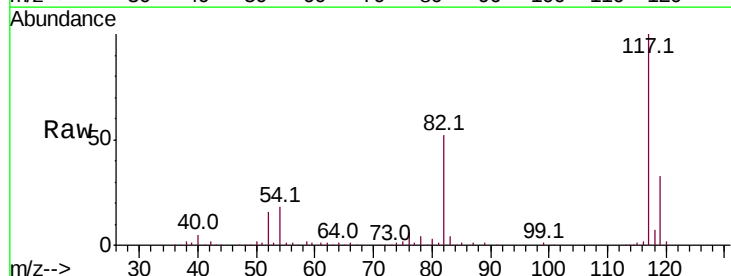
Instrument :
MSVOA_W
ClientSampleId :
13860

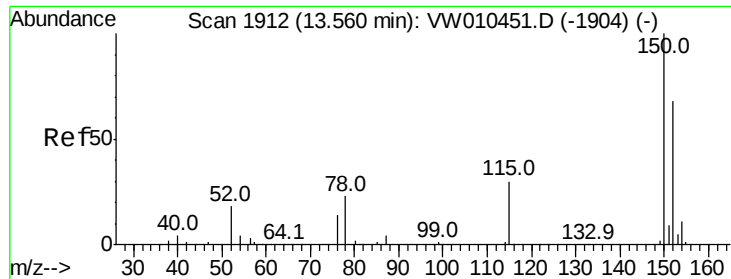
Tot Ion: 95 Resp: 71634
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 70.5 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010667.D
Acq: 03 Jun 2019 18:44

Tgt Ion: 117 Resp: 160335
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010667.D

Acq: 03 Jun 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

13860

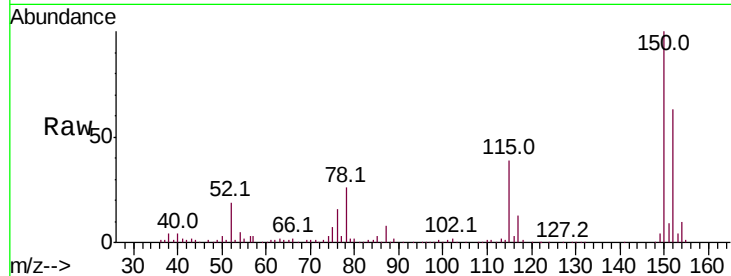
Tot Ion:152 Resp: 53470

Ion Ratio Lower Upper

152 100

115 62.6 30.3 91.0

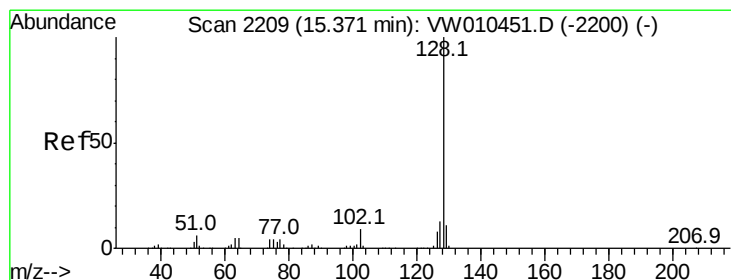
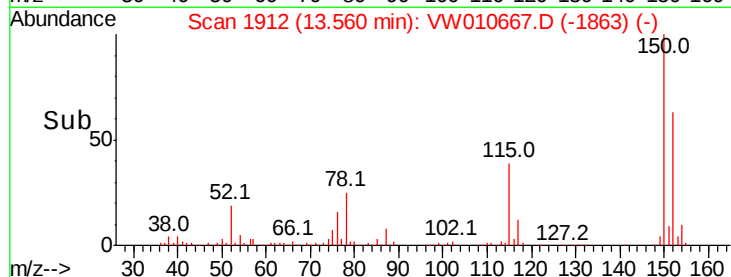
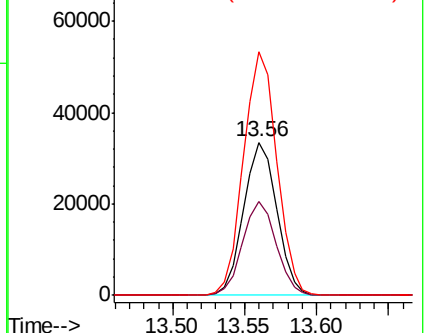
150 159.7 0.0 349.8



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



#95

Naphthalene

Concen: 1.384 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010667.D

Acq: 03 Jun 2019 18:44

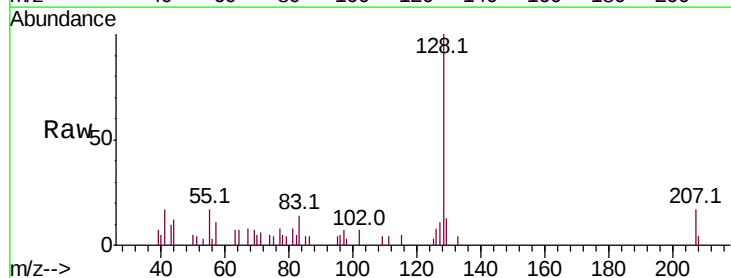
Tgt Ion:128 Resp: 3354

Ion Ratio Lower Upper

128 100

127 17.1 10.6 15.8#

129 11.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

