

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006004.D
 Acq On : 10 Oct 2018 23:50
 Operator : SY/AP
 Sample : J5366-01RE
 Misc : 6.93G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200035RE

Quant Time: Oct 11 06:37:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

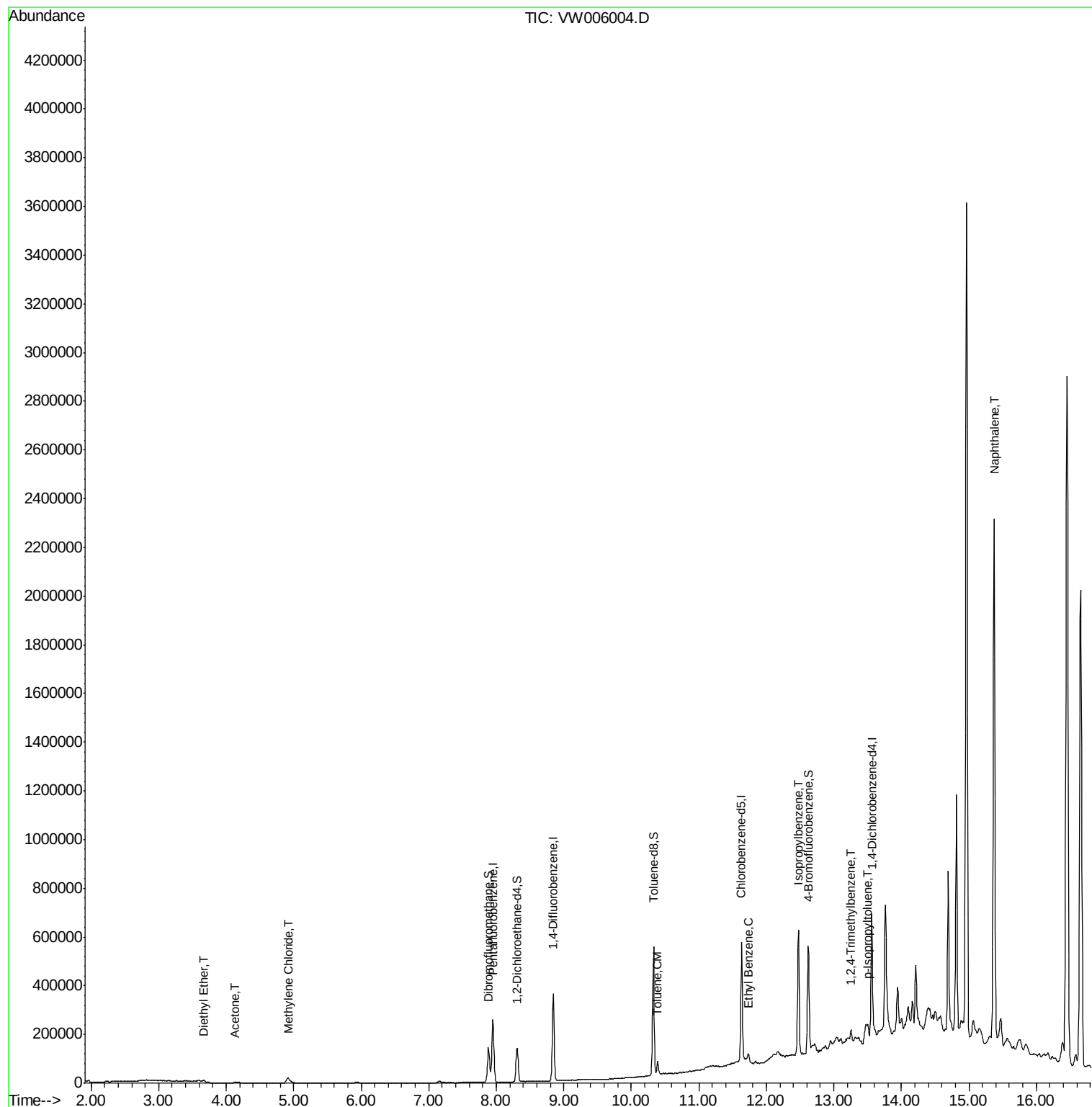
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104864	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	7.88	113	102028	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.33	98	367787	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.62	95	137257	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
8) Diethyl Ether	3.67	74	2098	2.289	ug/l	63
16) Acetone	4.14	43	6221	15.649	ug/l #	86
20) Methylene Chloride	4.92	84	19732	9.907	ug/l	95
52) Toluene	10.39	92	23577	4.366	ug/l	100
67) Ethyl Benzene	11.73	91	19500	1.865	ug/l	100
73) Isopropylbenzene	12.48	105	28079	2.809	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.26	105	21054	2.473	ug/l	99
86) p-Isopropyltoluene	13.51	119	28257	2.982	ug/l #	78
95) Naphthalene	15.38	128	1940829	347.604	ug/l	99

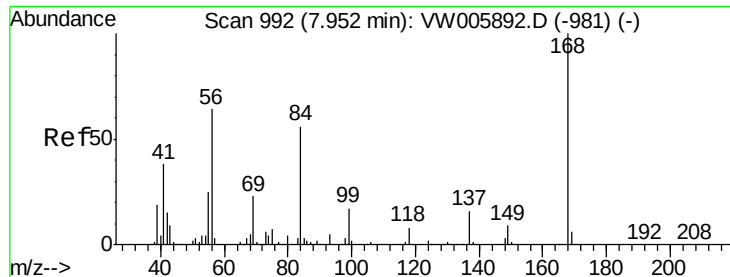
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101118\
Data File : VW006004.D
Acq On : 10 Oct 2018 23:50
Operator : SY/AP
Sample : J5366-01RE
Misc : 6.93G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR200035RE

Quant Time: Oct 11 06:37:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
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: VW006004.D

Acq: 10 Oct 2018 23:50

Instrument :

MSVOA_W

ClientSampleId :

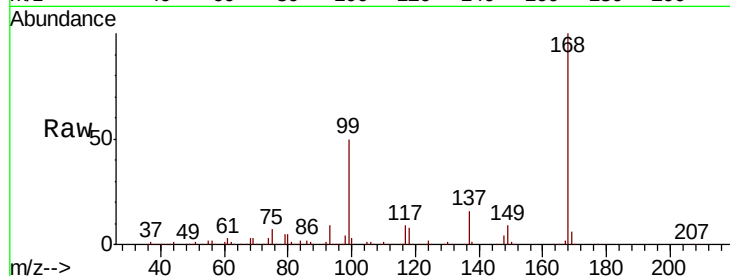
RBR200035RE

Tot Ion:168 Resp: 205013

Ion Ratio Lower Upper

168 100

99 49.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

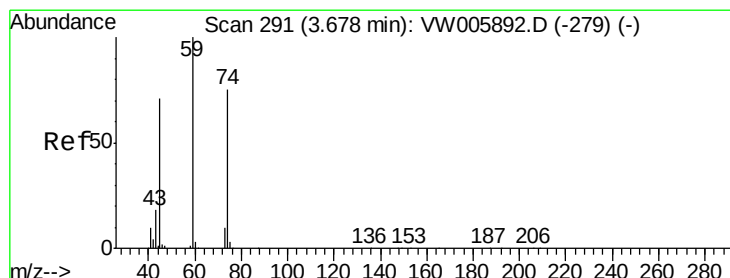
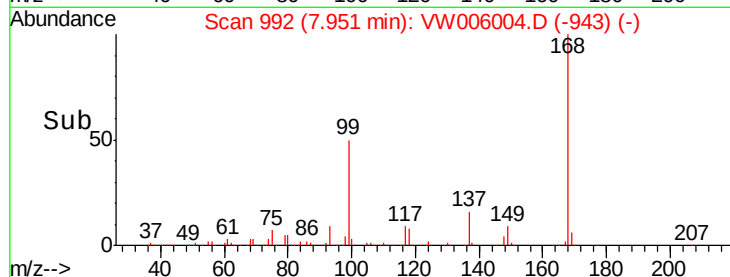
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.289 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006004.D

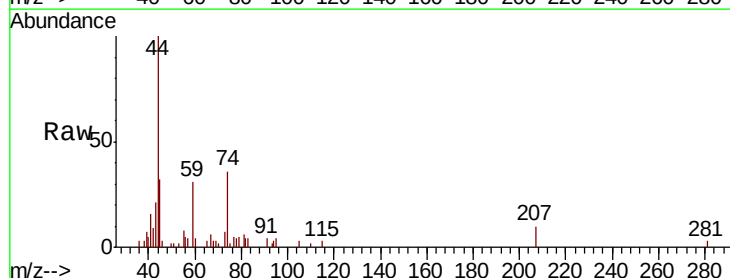
Acq: 10 Oct 2018 23:50

Tgt Ion: 74 Resp: 2098

Ion Ratio Lower Upper

74 100

45 129.4 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

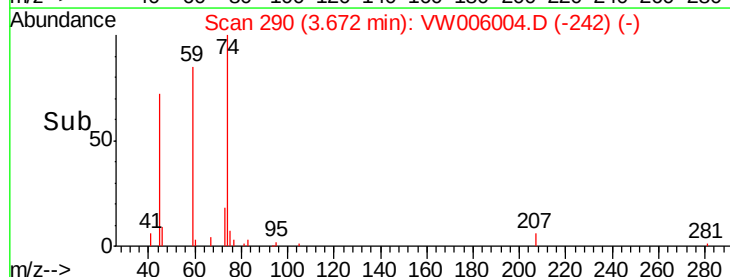
600

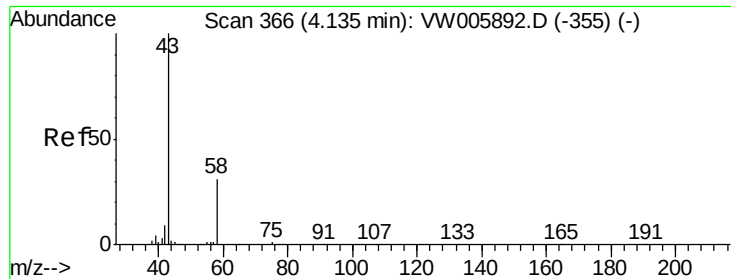
400

200

0

Time-->





#16

Acetone

Concen: 15.649 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006004.D

Acq: 10 Oct 2018 23:50

Instrument :

MSVOA_W

ClientSampleId :

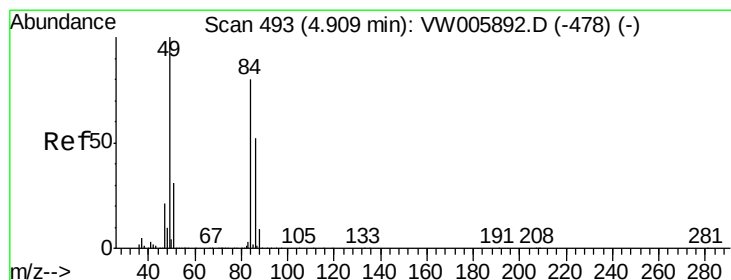
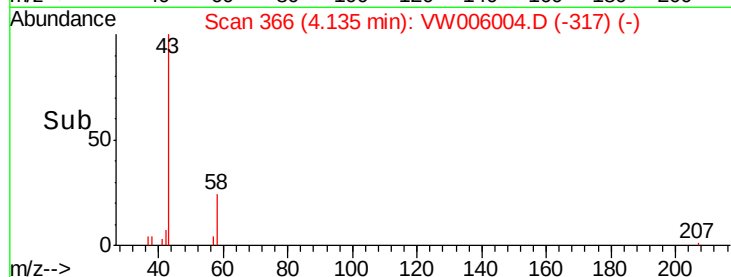
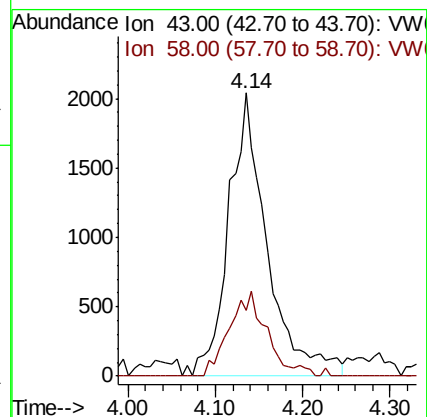
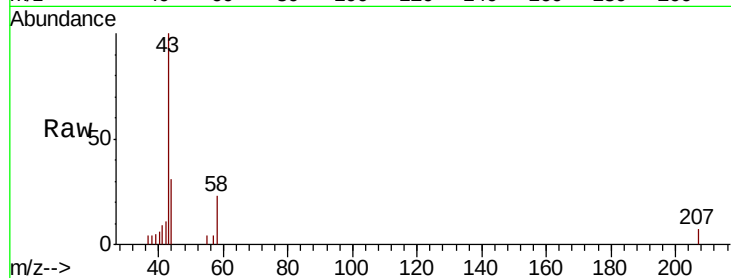
RBR200035RE

Tot Ion: 43 Resp: 6221

Ion Ratio Lower Upper

43 100

58 23.1 24.7 37.1#



#20

Methylene Chloride

Concen: 9.907 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006004.D

Acq: 10 Oct 2018 23:50

Tgt Ion: 84 Resp: 19732

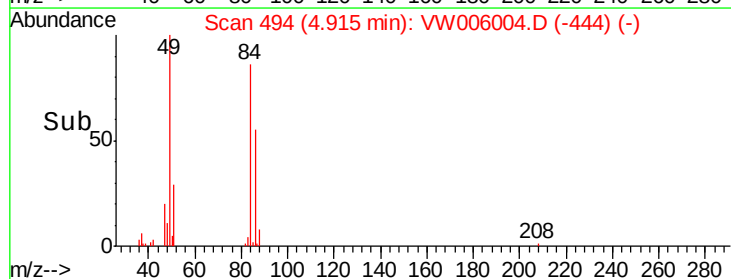
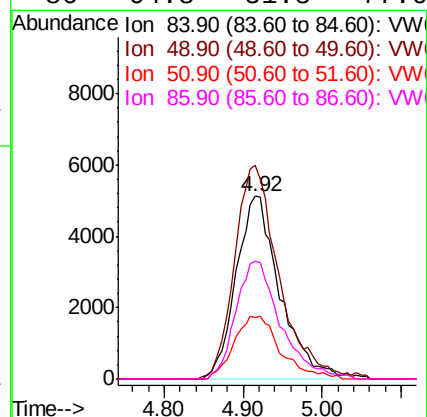
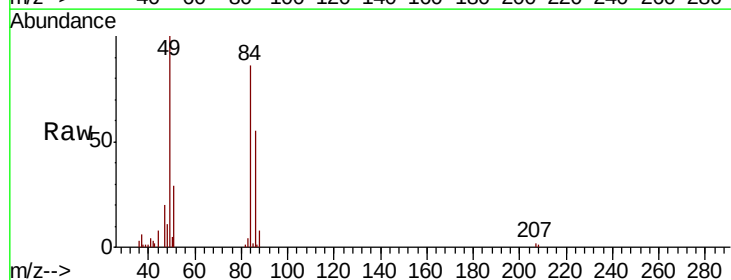
Ion Ratio Lower Upper

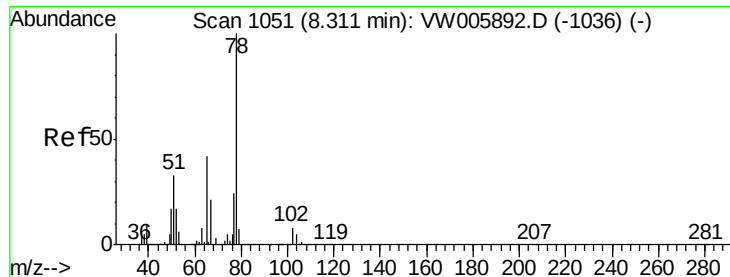
84 100

49 116.9 99.9 149.9

51 33.3 31.1 46.7

86 64.8 51.8 77.6

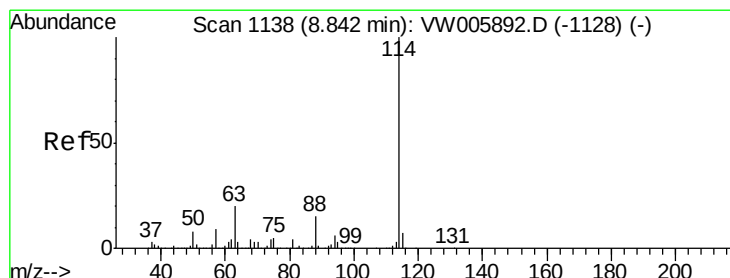
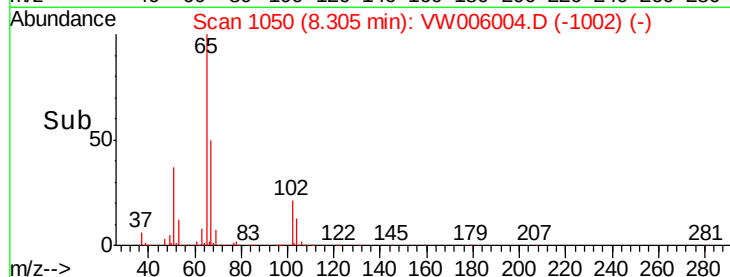
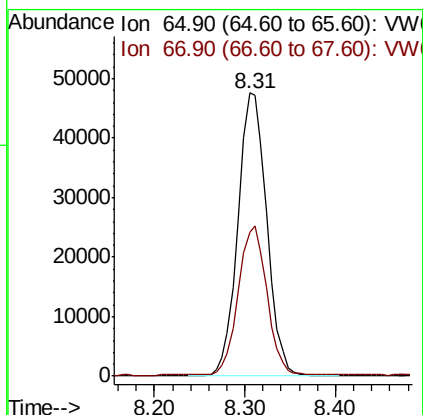
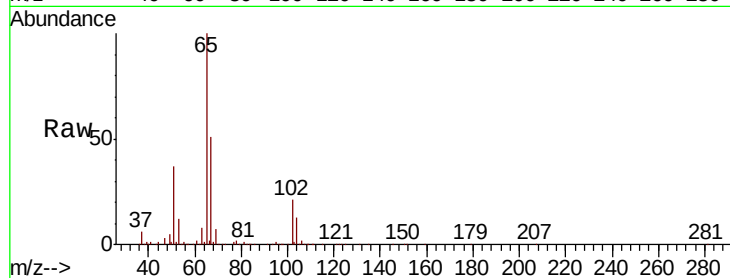




#33
 1,2-Dichloroethane-d4
 Concen: 52.690 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006004.D
 Acq: 10 Oct 2018 23:50

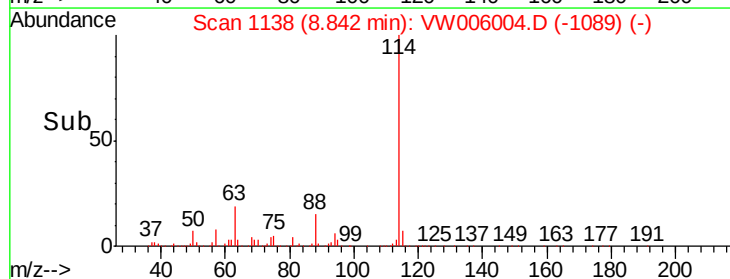
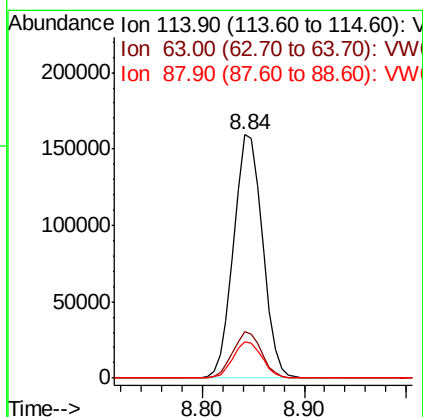
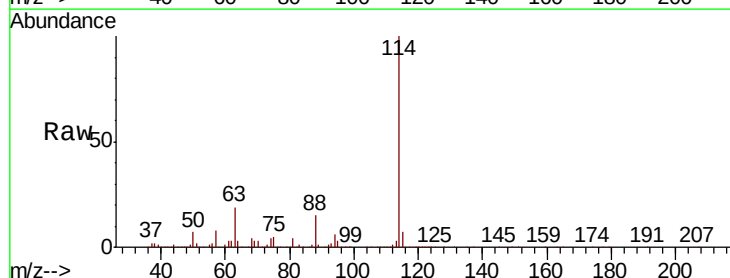
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200035RE

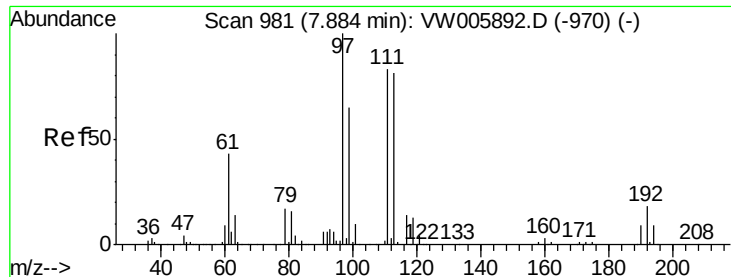
Tot Ion: 65 Resp: 104864
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW006004.D
 Acq: 10 Oct 2018 23:50

Tgt Ion: 114 Resp: 313406
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.1 0.0 30.8

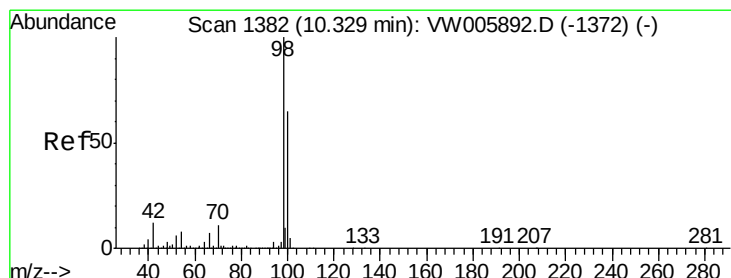
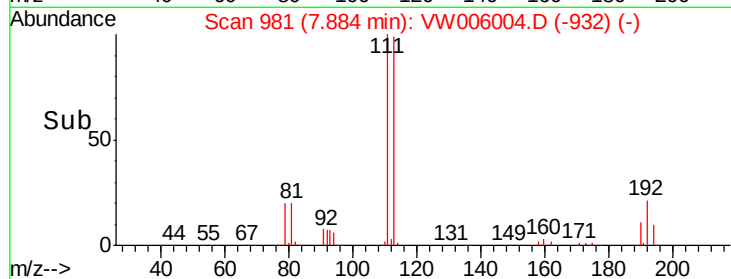
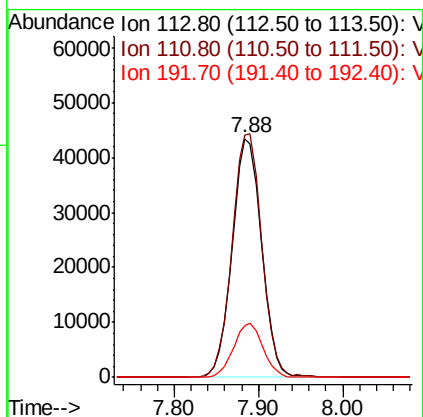
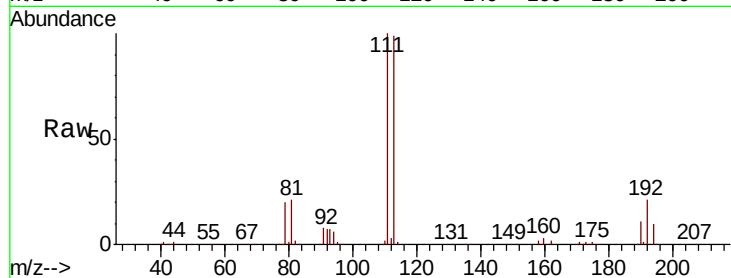




#35
Dibromofluoromethane
Concen: 50.989 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

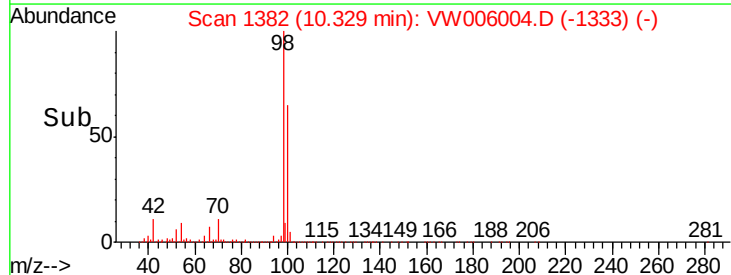
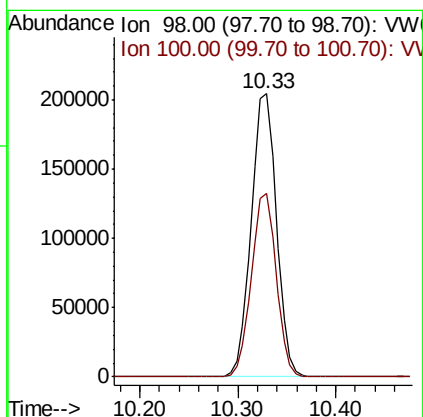
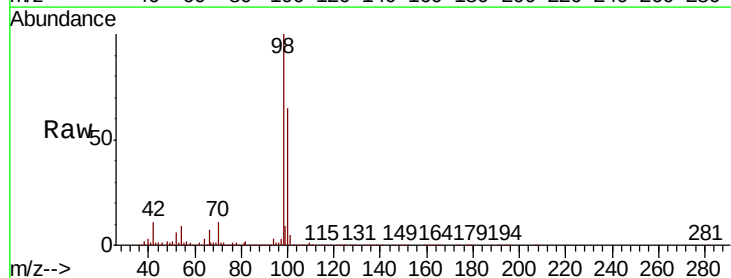
Instrument :
MSVOA_W
ClientSampleId :
RBR200035RE

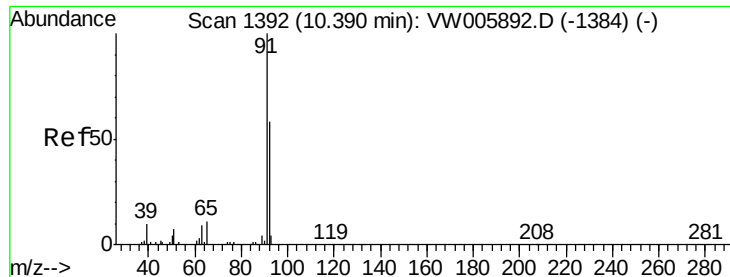
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	22.4	18.3	27.5



#50
Toluene-d8
Concen: 47.773 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9





#52

Toluene

Concen: 4.366 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006004.D

Acq: 10 Oct 2018 23:50

Instrument :

MSVOA_W

ClientSampleId :

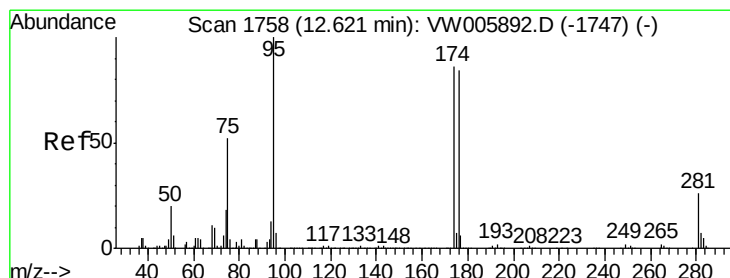
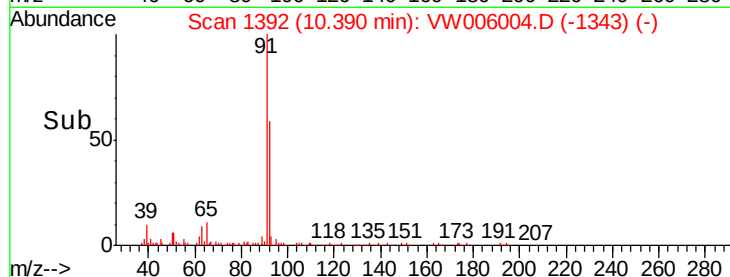
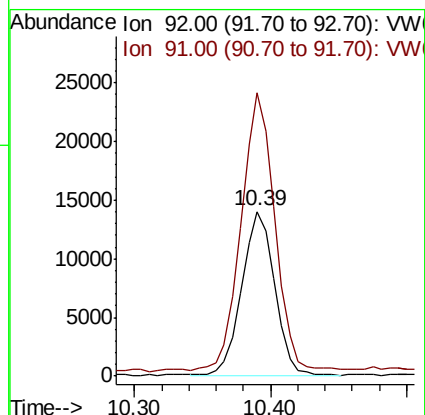
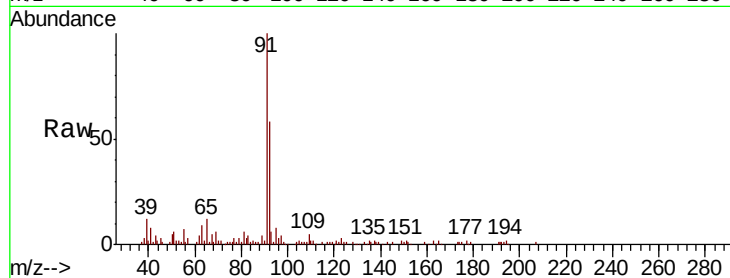
RBR200035RE

Tot Ion: 92 Resp: 23577

Ion Ratio Lower Upper

92 100

91 172.7 138.2 207.4



#62

4-Bromofluorobenzene

Concen: 46.861 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006004.D

Acq: 10 Oct 2018 23:50

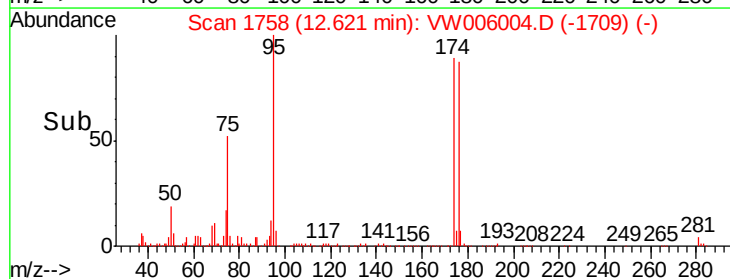
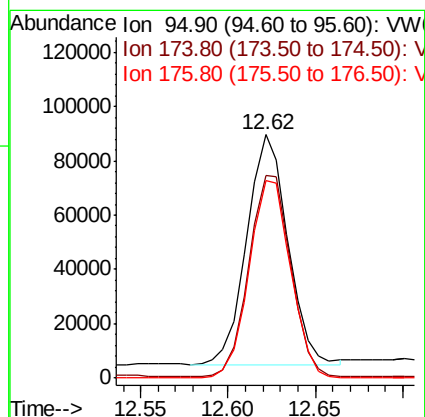
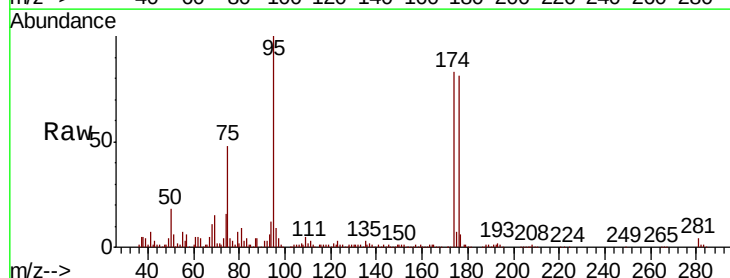
Tgt Ion: 95 Resp: 137257

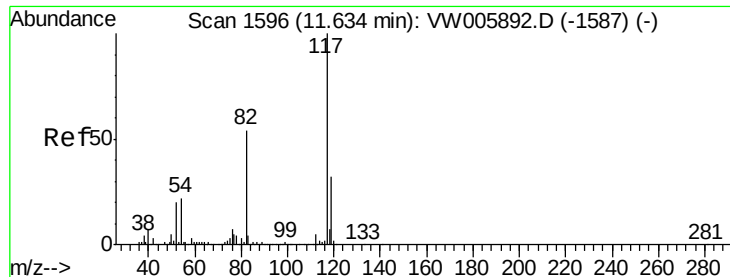
Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.4

176 87.4 0.0 173.0

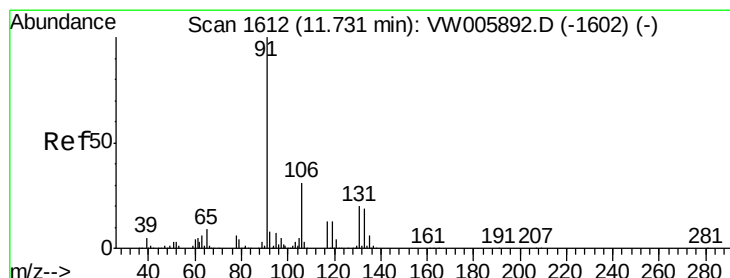
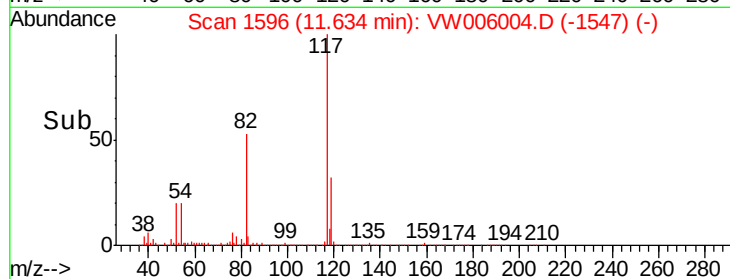
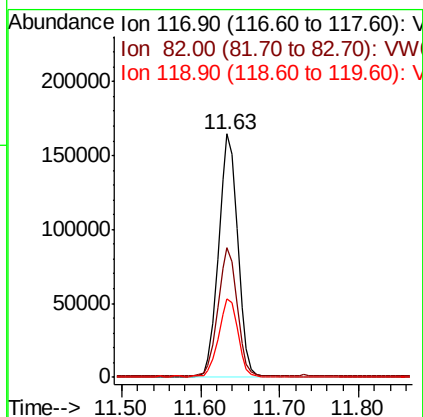
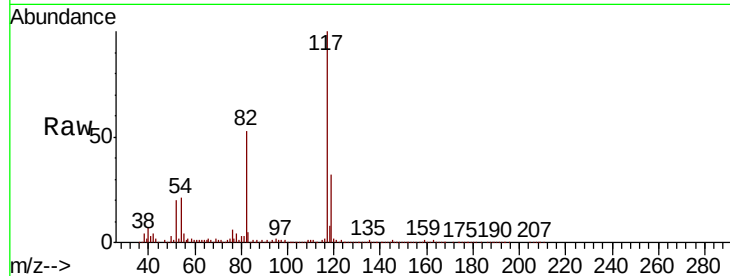




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

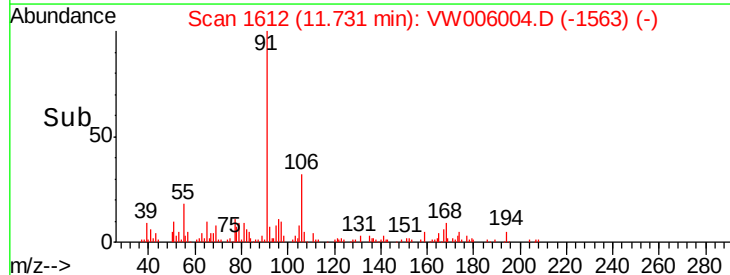
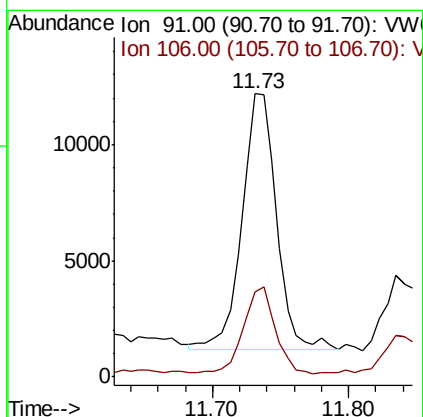
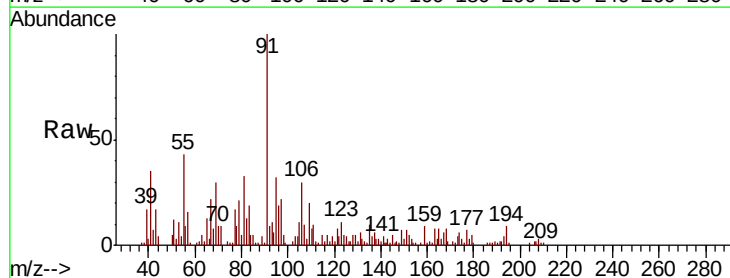
Instrument :
MSVOA_W
ClientSampleId :
RBR200035RE

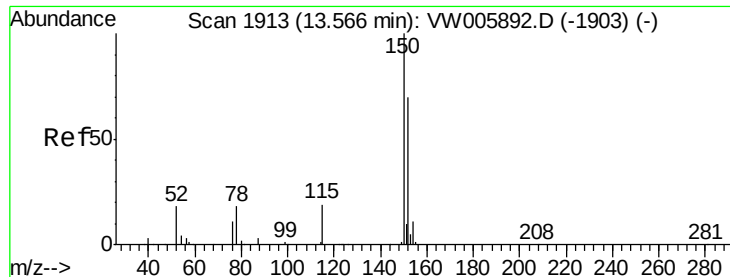
Tot Ion:117 Resp: 276327
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 1.865 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

Tgt Ion: 91 Resp: 19500
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



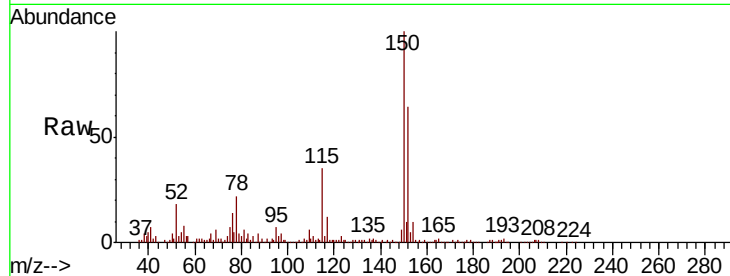


#72

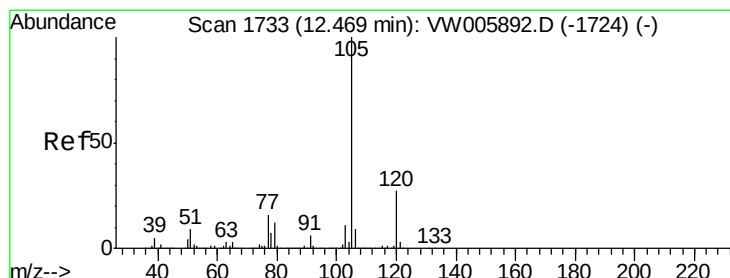
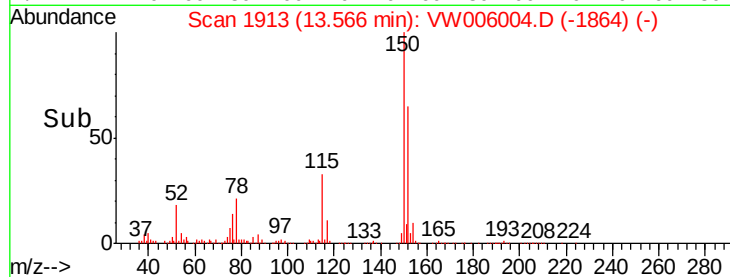
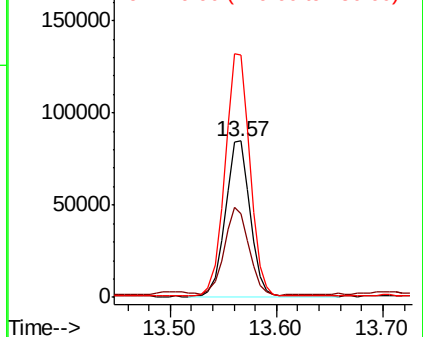
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

Instrument :
MSVOA_W
ClientSampleId :
RBR200035RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.3	85.0
150	155.4	0.0	349.2



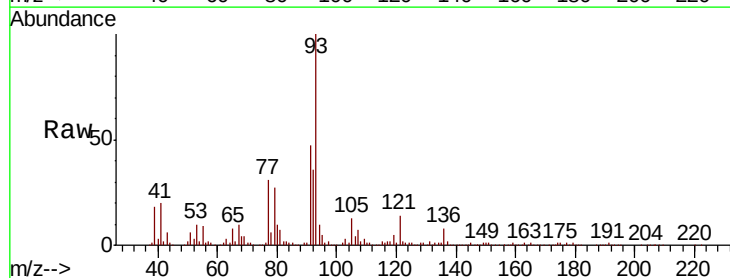
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



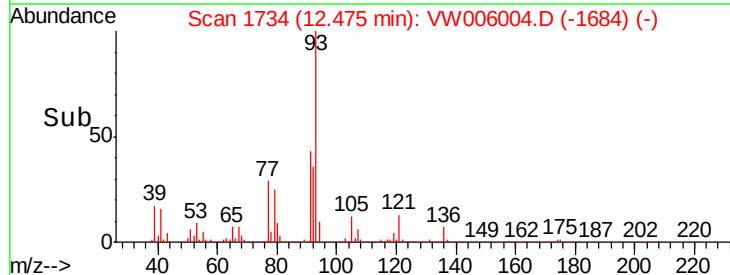
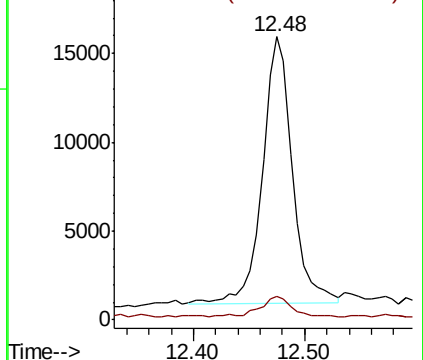
#73

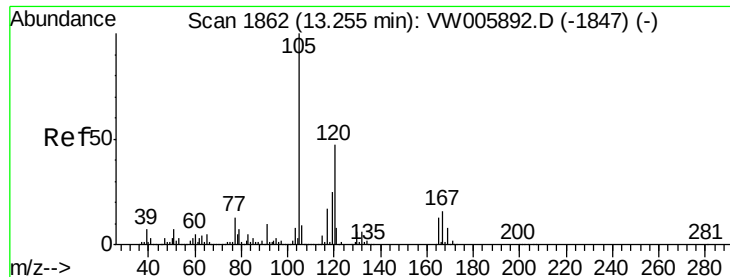
Isopropylbenzene
Concen: 2.809 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	8.4	13.6	40.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 2.473 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006004.D

Acq: 10 Oct 2018 23:50

Instrument :

MSVOA_W

ClientSampleId :

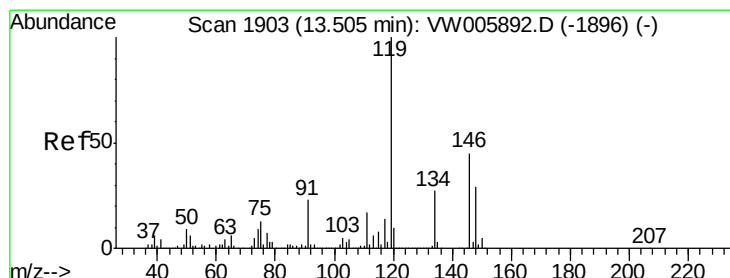
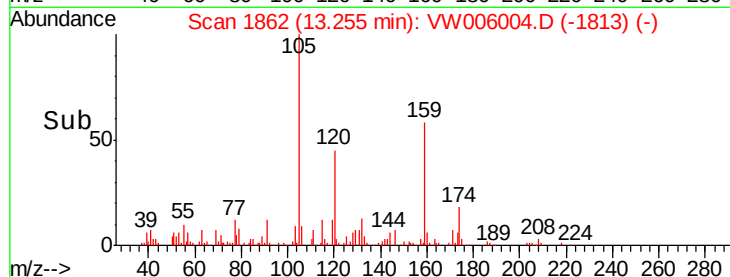
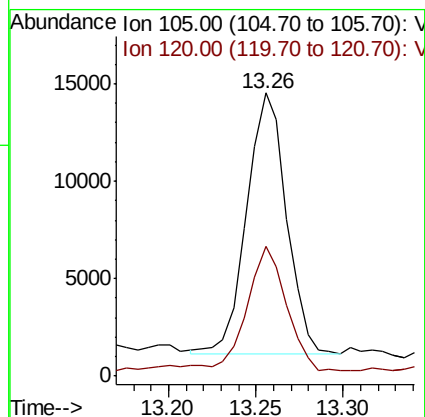
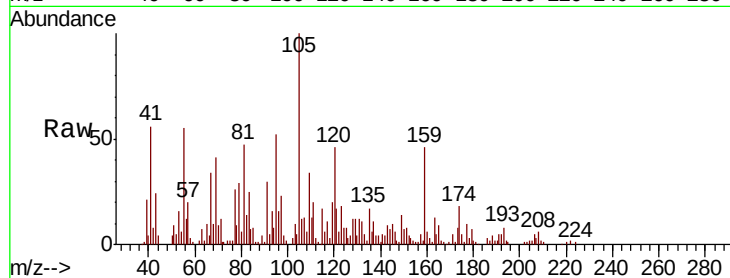
RBR200035RE

Tot Ion:105 Resp: 21054

Ion Ratio Lower Upper

105 100

120 46.1 22.8 68.3



#86

p-Isopropyltoluene

Concen: 2.982 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006004.D

Acq: 10 Oct 2018 23:50

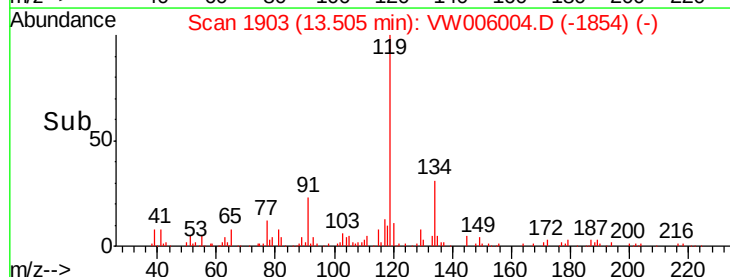
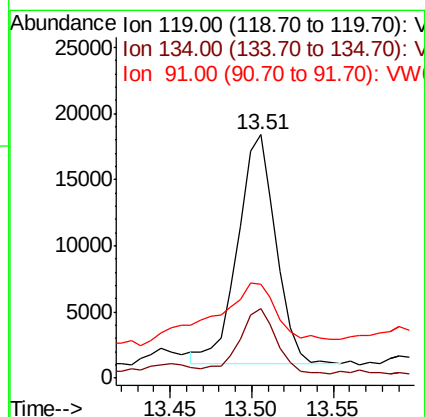
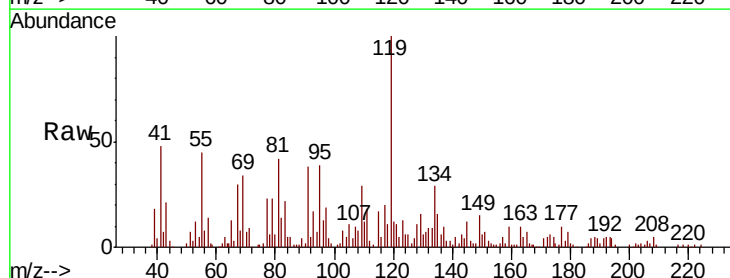
Tgt Ion:119 Resp: 28257

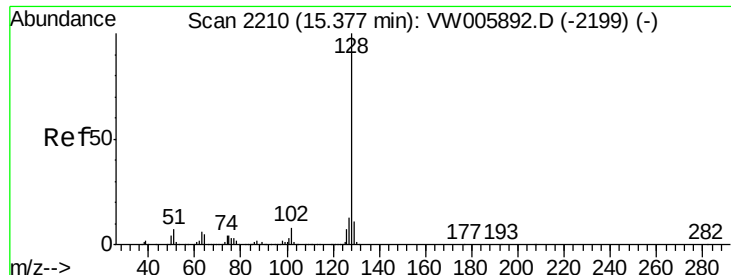
Ion Ratio Lower Upper

119 100

134 28.7 13.5 40.5

91 44.6 11.9 35.5#

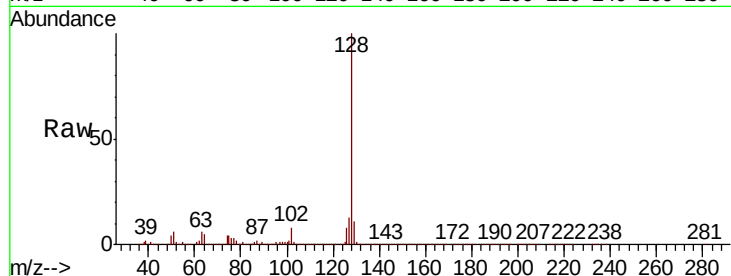




#95
Naphthalene
Concen: 347.604 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006004.D
Acq: 10 Oct 2018 23:50

Instrument :
MSVOA_W
ClientSampleId :
RBR200035RE

Tot Ion:128 Resp: 1940829
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.7 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

