

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010713.D
 Acq On : 06 Jun 2019 16:45
 Operator : SY/VA
 Sample : K3218-04
 Misc : 4.13G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200027

Quant Time: Jun 07 08:38:49 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

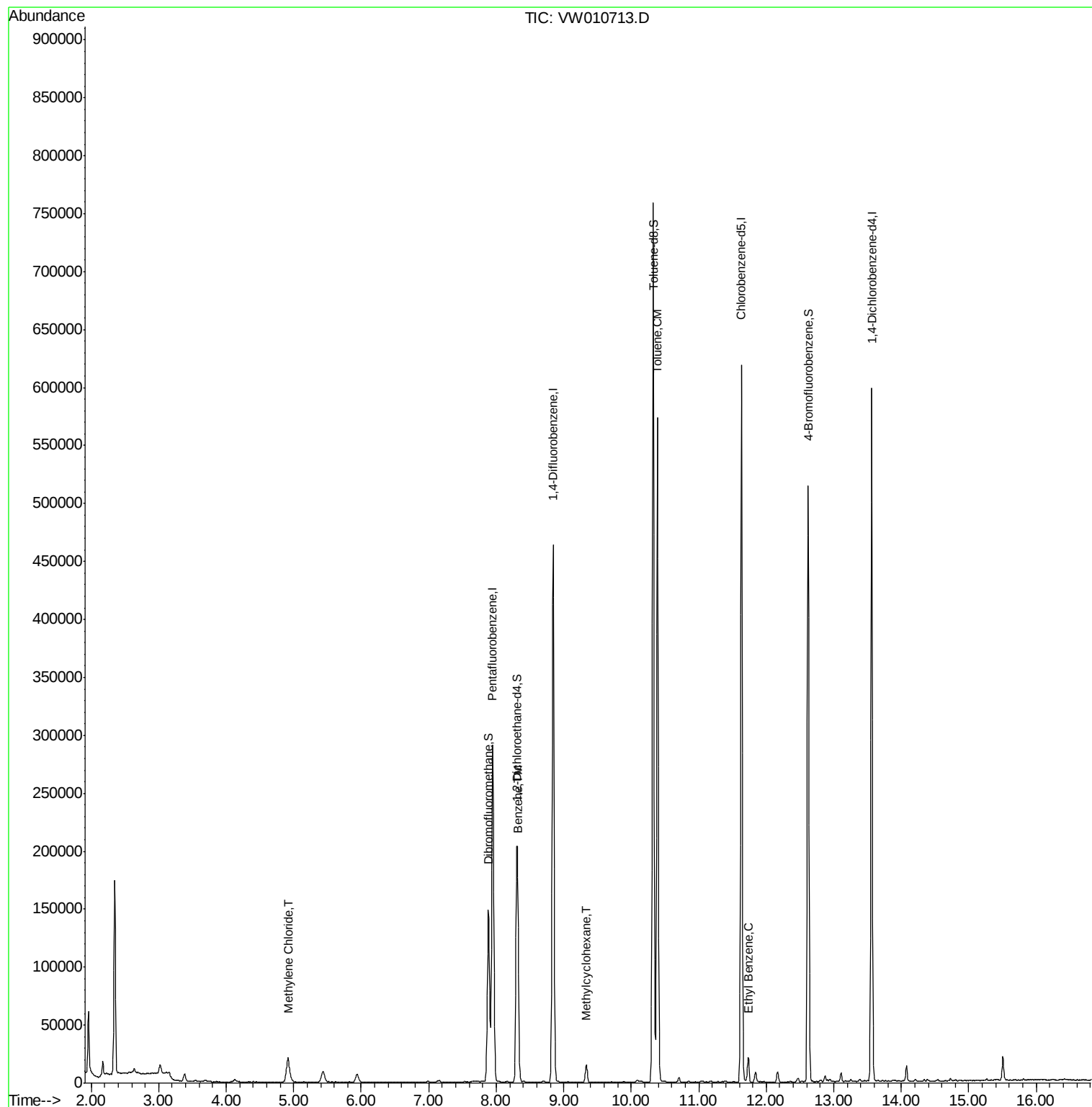
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144253	58.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.00%	
35) Dibromofluoromethane	7.88	113	105910	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
50) Toluene-d8	10.32	98	475842	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.62	95	165396	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
20) Methylene Chloride	4.92	84	13948	6.017	ug/l	96
39) Methylcyclohexane	9.34	83	5343	1.141	ug/l	97
40) Benzene	8.32	78	45323	4.511	ug/l	99
52) Toluene	10.39	92	230787	37.336	ug/l	99
67) Ethyl Benzene	11.73	91	14473	1.209	ug/l	97

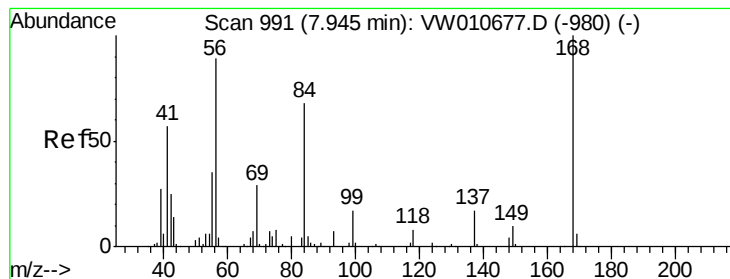
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010713.D
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Quant Time: Jun 07 08:38:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

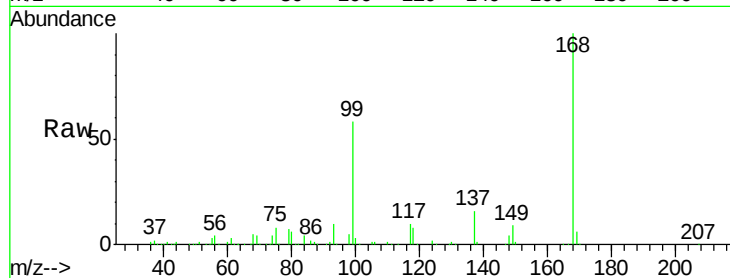
RBR-200027

Tot Ion:168 Resp: 209218

Ion Ratio Lower Upper

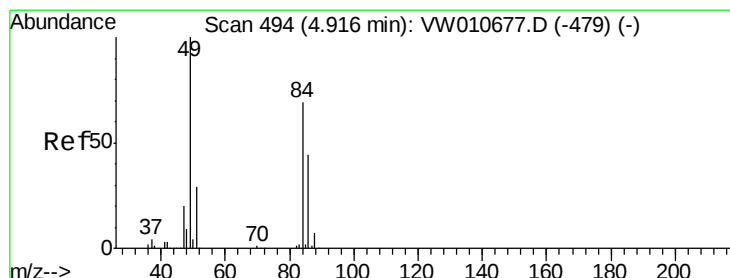
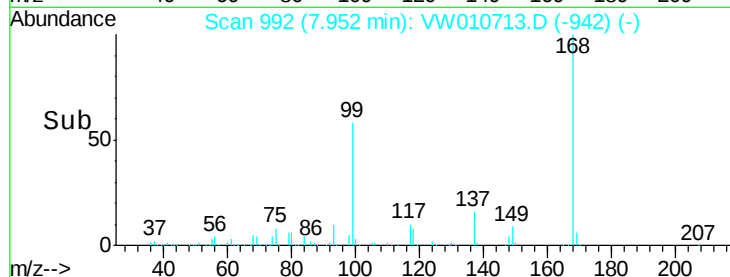
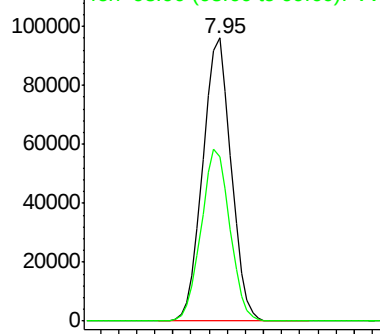
168 100

99 58.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 6.017 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

Tgt Ion: 84 Resp: 13948

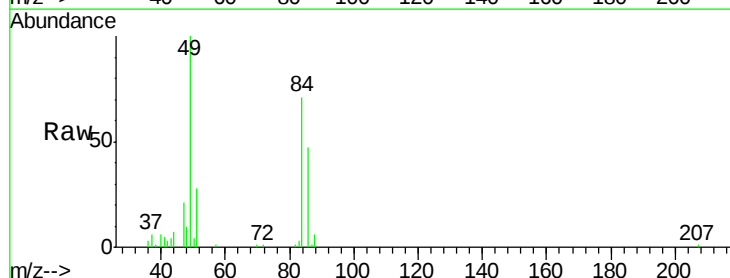
Ion Ratio Lower Upper

84 100

49 141.5 116.7 175.1

51 40.1 34.2 51.2

86 66.4 51.2 76.8

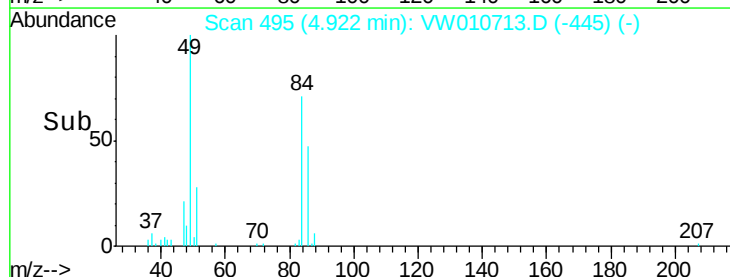
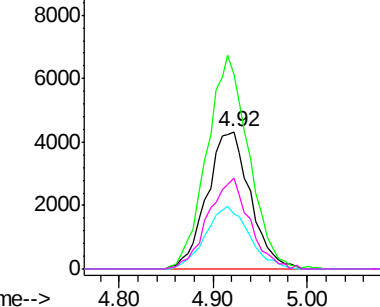


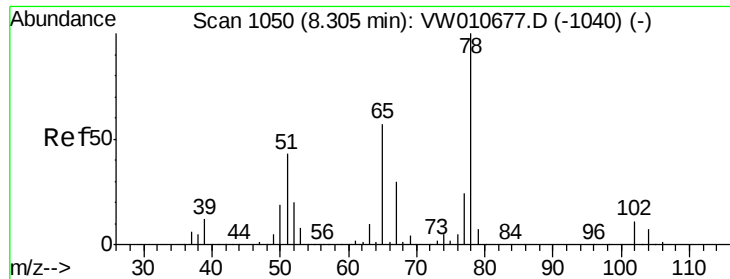
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

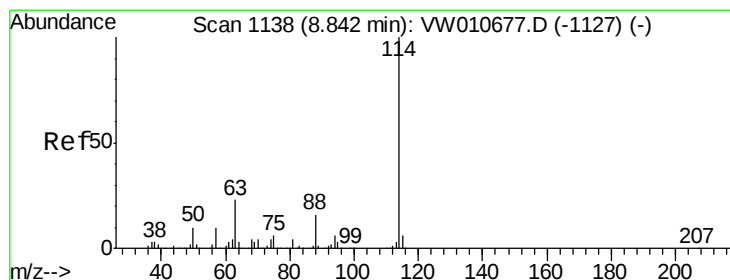
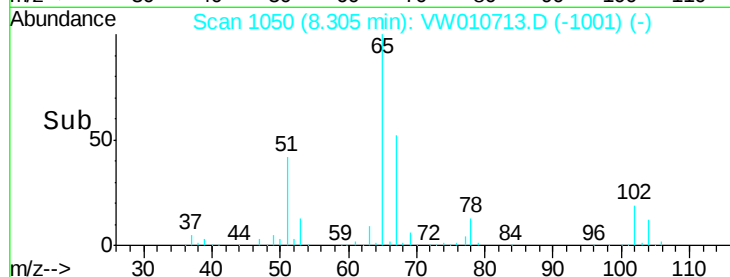
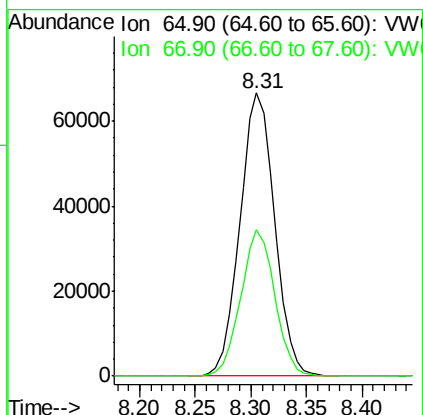
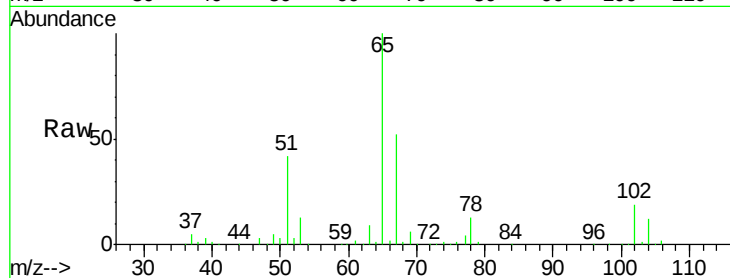




#33
 1,2-Dichloroethane-d4
 Concen: 58.497 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010713.D
 Acq: 06 Jun 2019 16:45

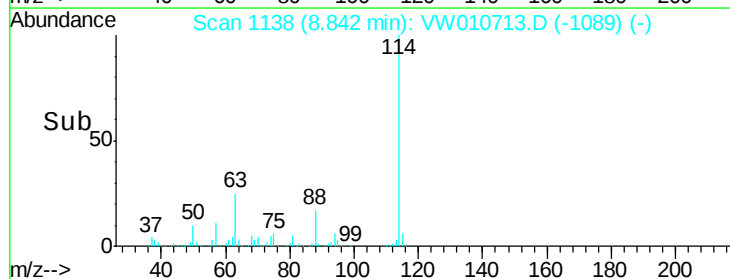
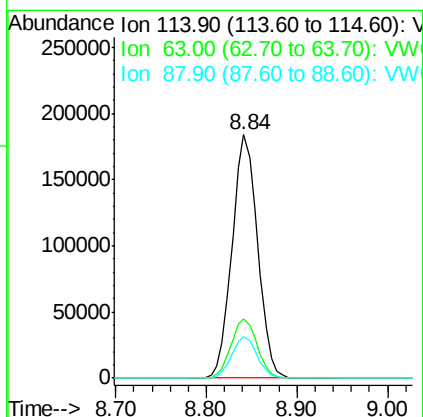
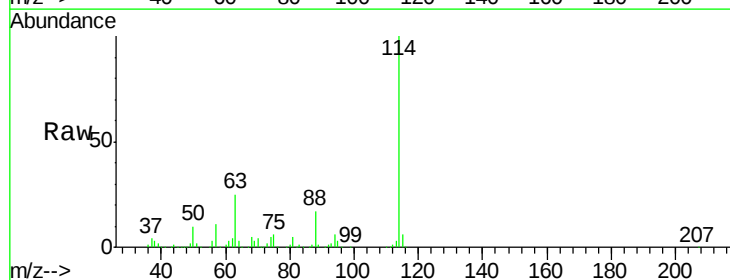
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200027

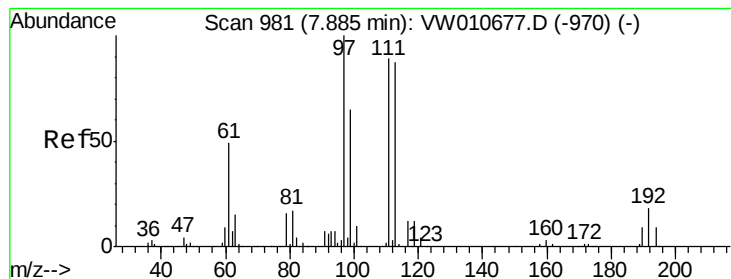
Tot Ion: 65 Resp: 144253
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010713.D
 Acq: 06 Jun 2019 16:45

Tgt Ion: 114 Resp: 359767
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 46.4
 88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.237 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

RBR-200027

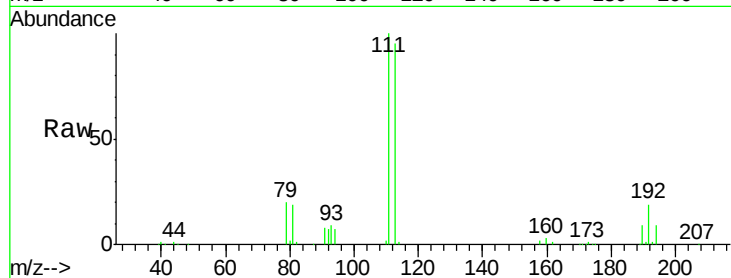
Tot Ion:113 Resp: 105910

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

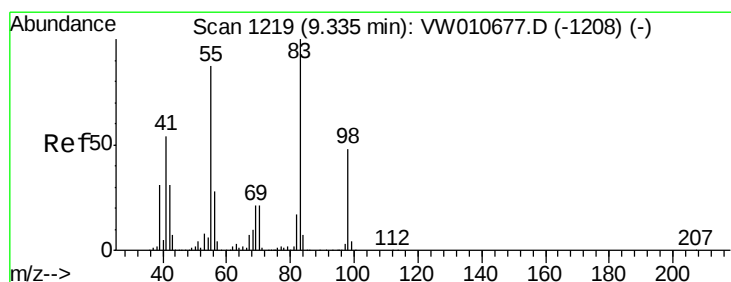
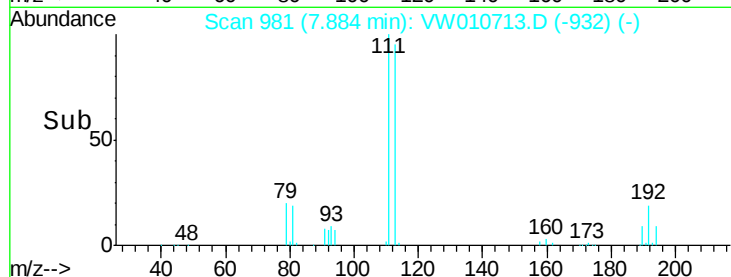
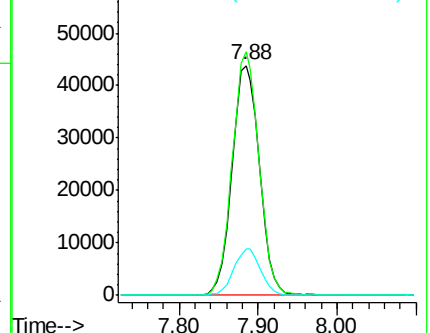
192 19.8 16.4 24.6



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



#39

Methylcyclohexane

Concen: 1.141 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

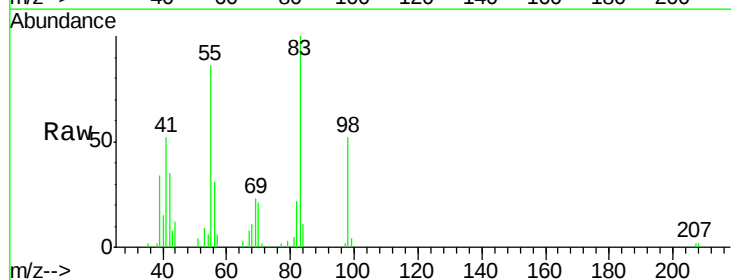
Tgt Ion: 83 Resp: 5343

Ion Ratio Lower Upper

83 100

55 86.3 70.0 105.0

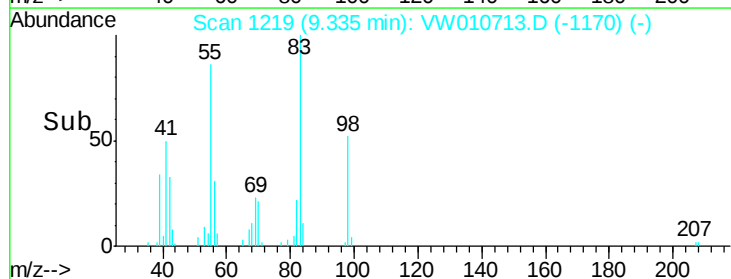
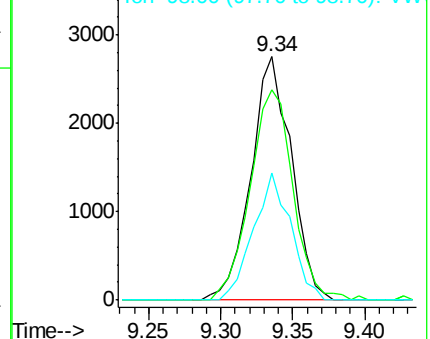
98 52.1 38.1 57.1

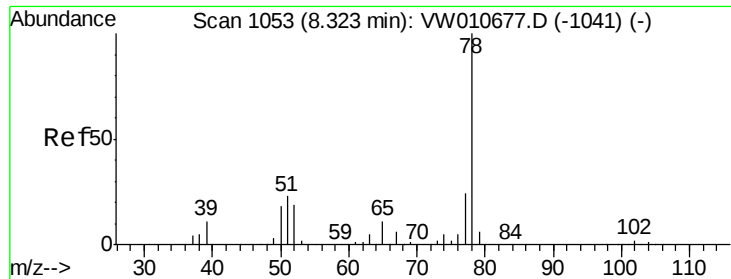


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 4.511 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

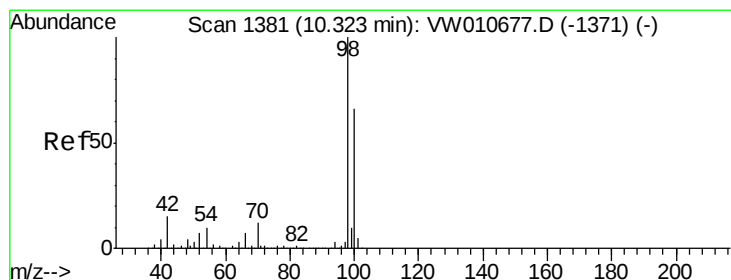
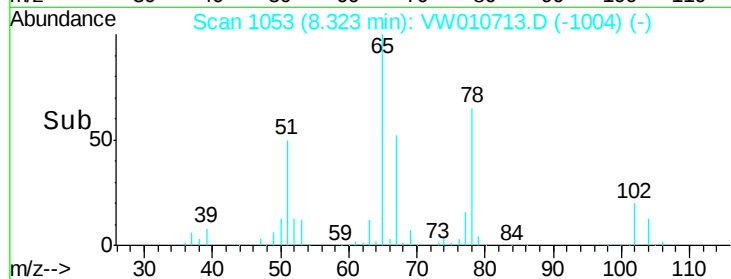
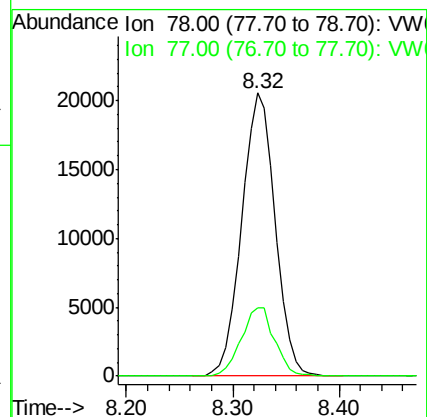
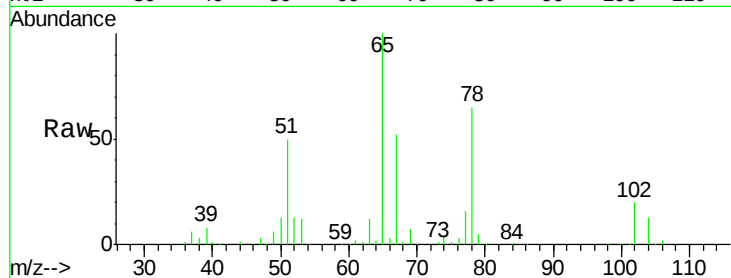
RBR-200027

Tot Ion: 78 Resp: 45323

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



#50

Toluene-d8

Concen: 55.570 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010713.D

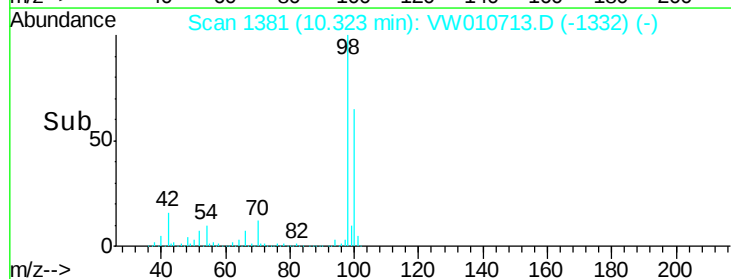
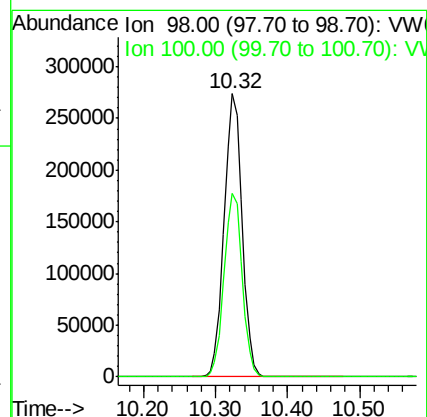
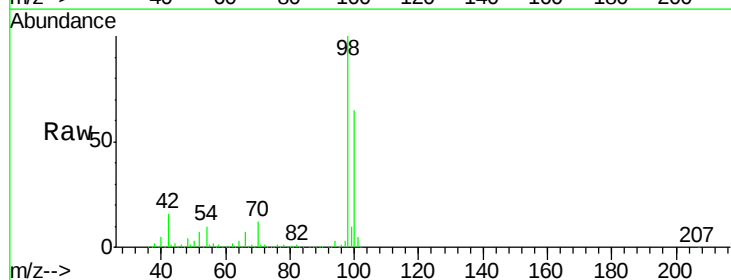
Acq: 06 Jun 2019 16:45

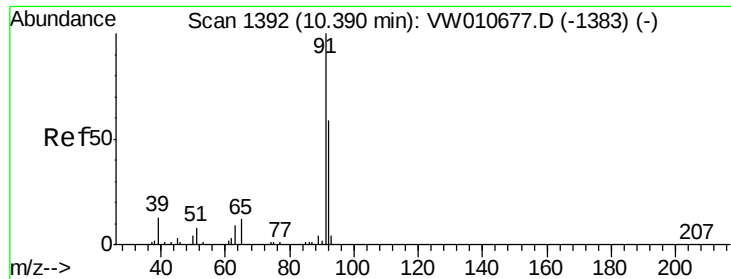
Tgt Ion: 98 Resp: 475842

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6





#52

Toluene

Concen: 37.336 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

Instrument :

MSVOA_W

ClientSampled :

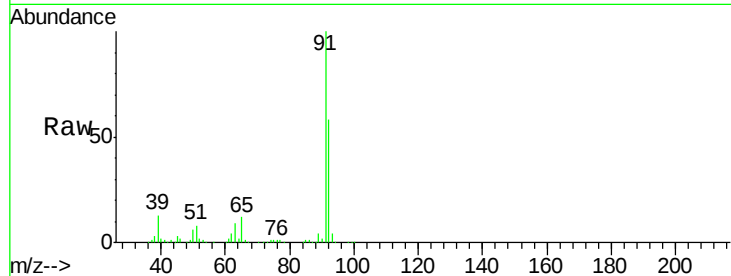
RBR-200027

Tot Ion: 92 Resp: 230787

Ion Ratio Lower Upper

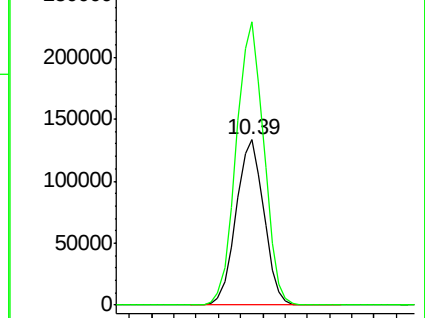
92 100

91 170.2 134.9 202.3

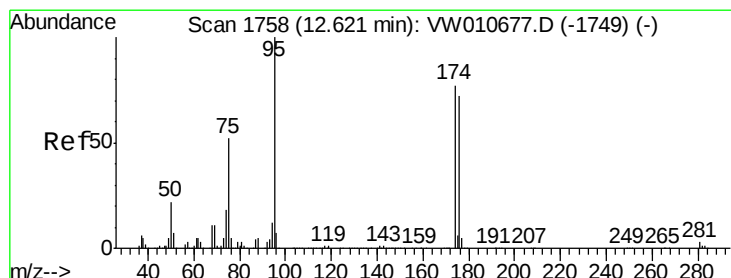
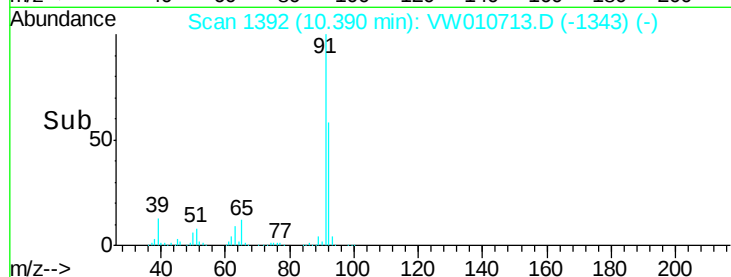


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 53.080 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

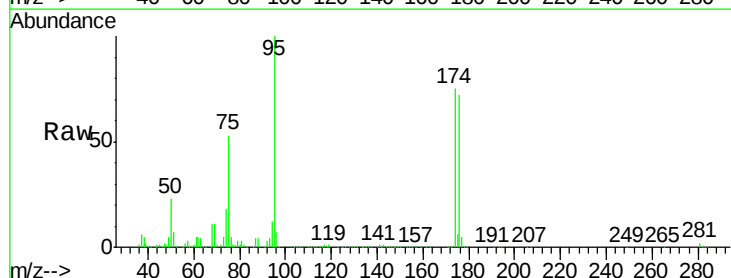
Tgt Ion: 95 Resp: 165396

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

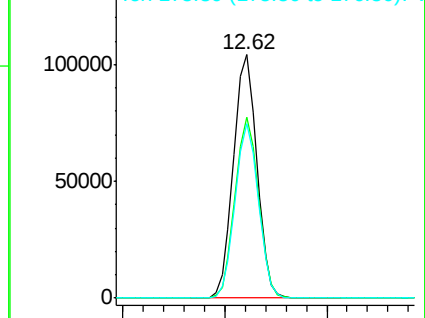
176 70.9 0.0 144.8



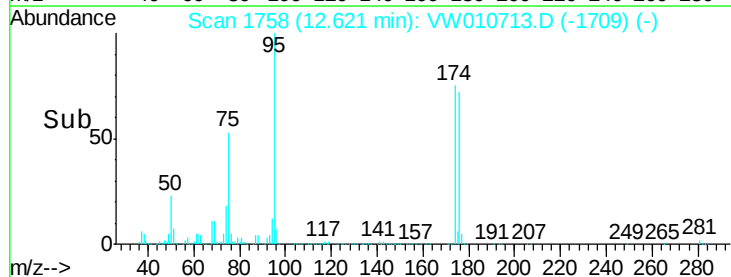
Abundance Ion 94.90 (94.60 to 95.60): VW

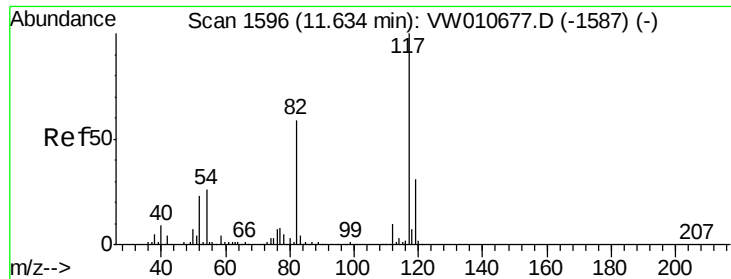
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

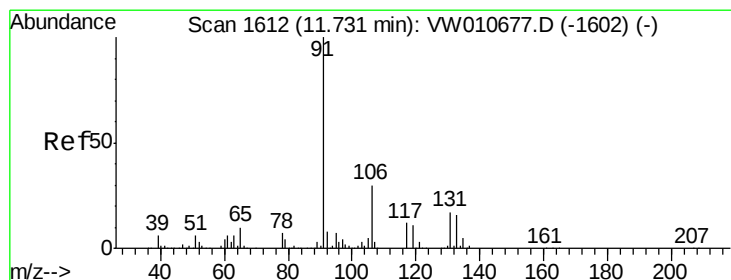
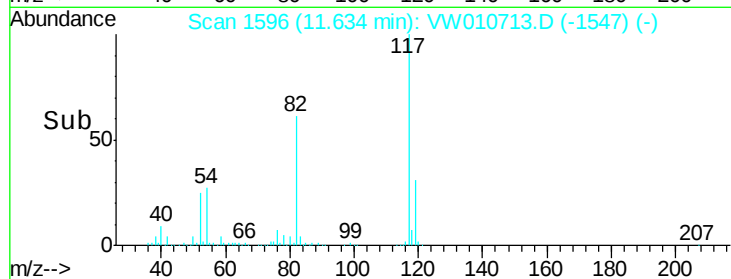
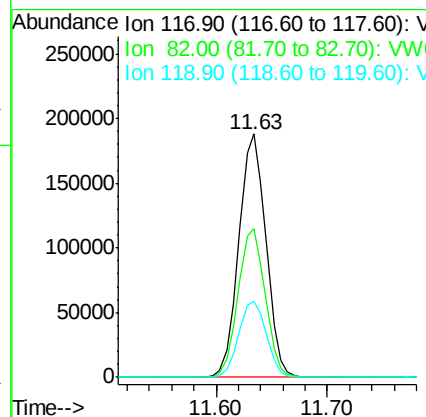
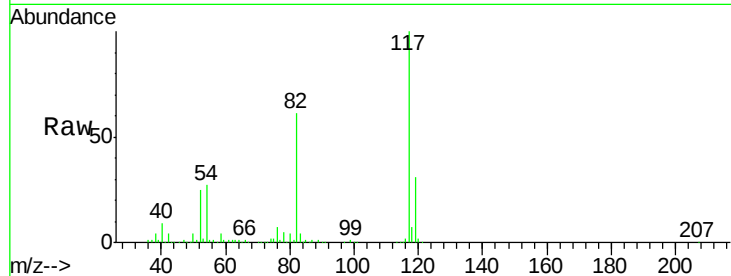




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010713.D
Acq: 06 Jun 2019 16:45

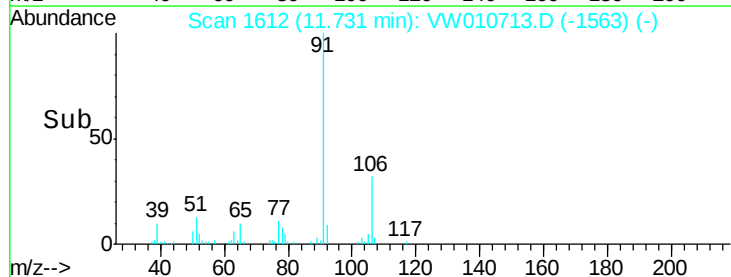
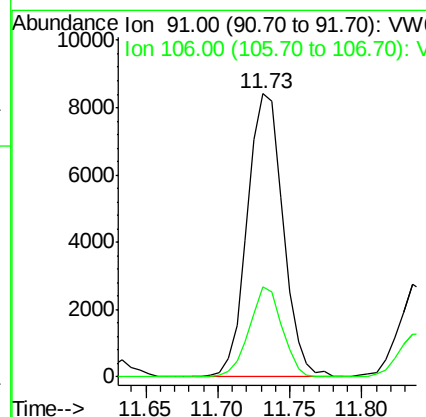
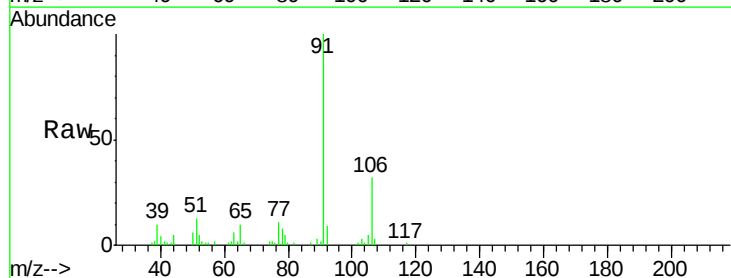
Instrument :
MSVOA_W
ClientSampled :
RBR-200027

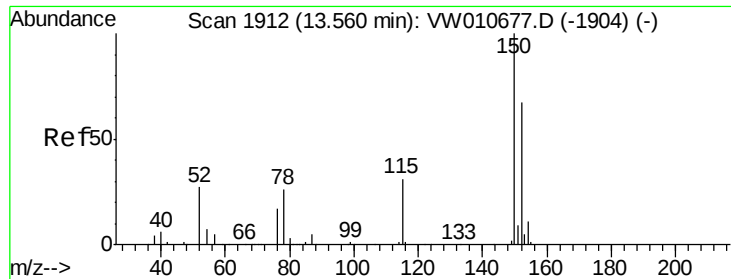
Tot Ion:117 Resp: 316742
Ion Ratio Lower Upper
117 100
82 60.9 47.0 70.4
119 31.4 25.1 37.7



#67
Ethyl Benzene
Concen: 1.209 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010713.D
Acq: 06 Jun 2019 16:45

Tgt Ion: 91 Resp: 14473
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010713.D

Acq: 06 Jun 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

RBR-200027

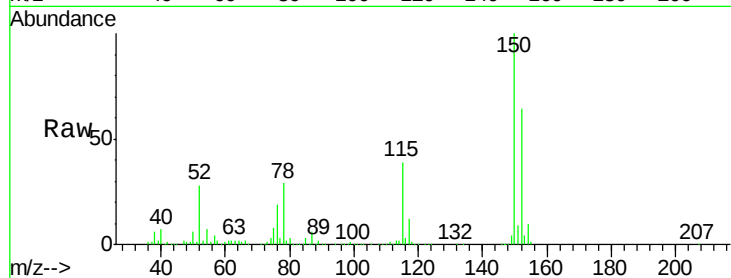
Tot Ion:152 Resp: 140843

Ion Ratio Lower Upper

152 100

115 60.9 29.8 89.3

150 157.8 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

