

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010717.D
 Acq On : 06 Jun 2019 18:35
 Operator : SY/VA
 Sample : K3218-01
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200035

Quant Time: Jun 07 08:51:32 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

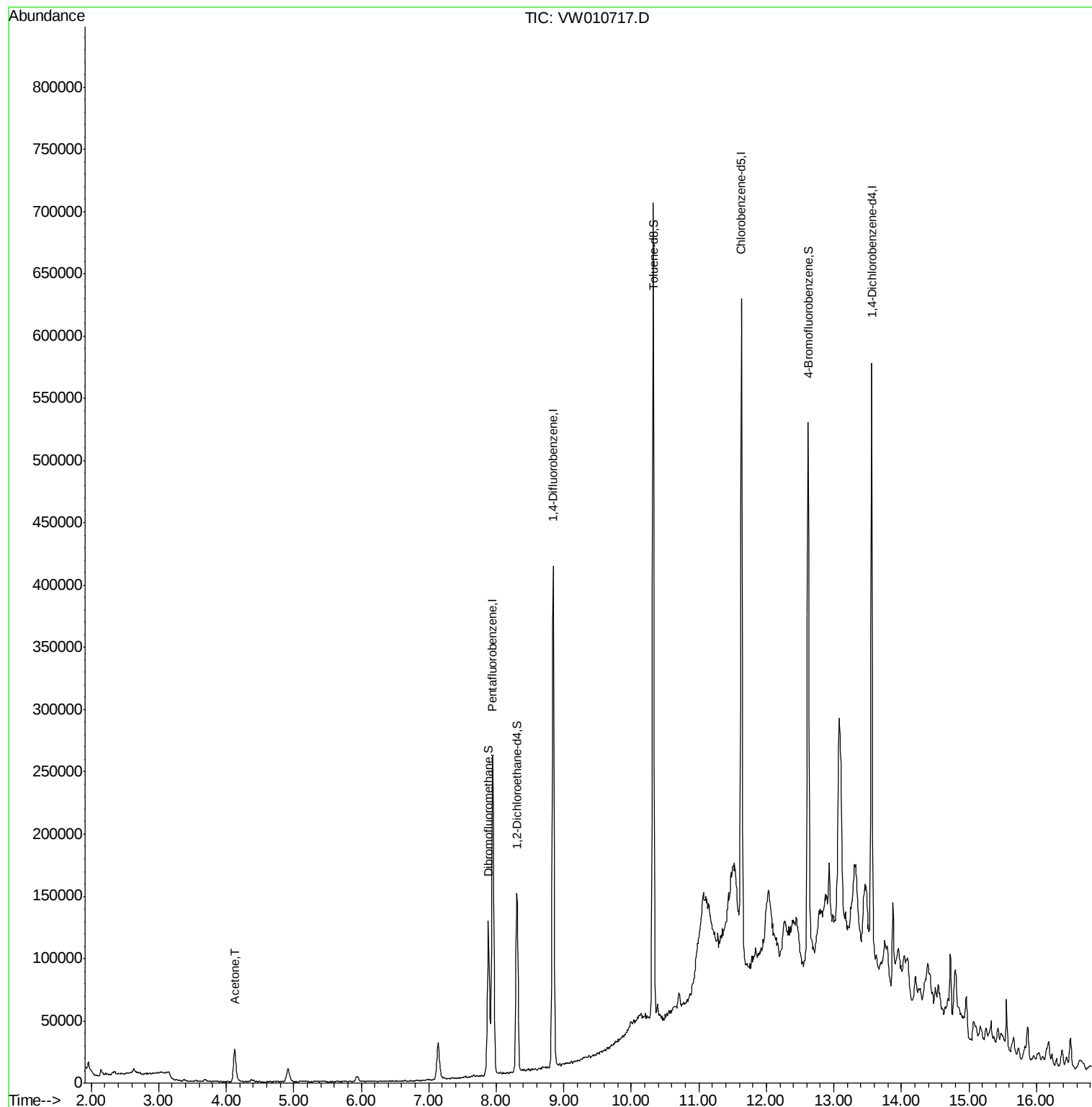
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116302	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	7.88	113	87391	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.32	98	411874	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
62) 4-Bromofluorobenzene	12.62	95	143105	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
Target Compounds						
16) Acetone	4.12	43	47856	80.620	ug/l	Qvalue 98

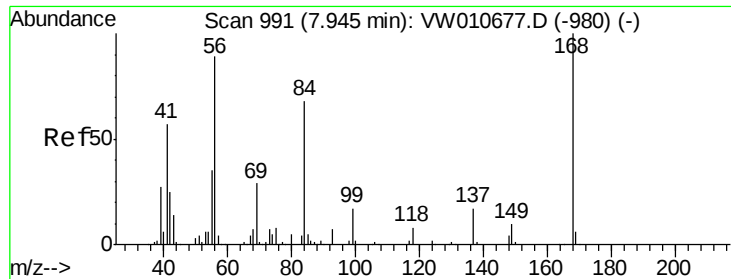
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Acq: 06 Jun 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

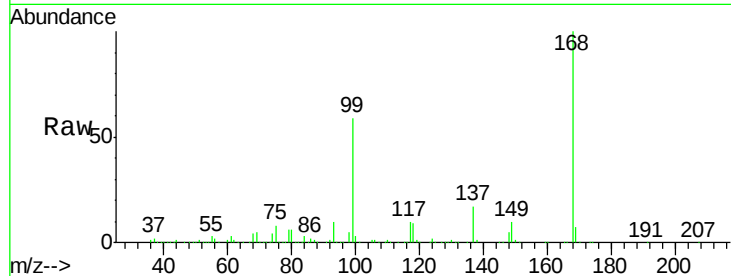
RBR-200035

Tot Ion:168 Resp: 187953

Ion Ratio Lower Upper

168 100

99 58.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

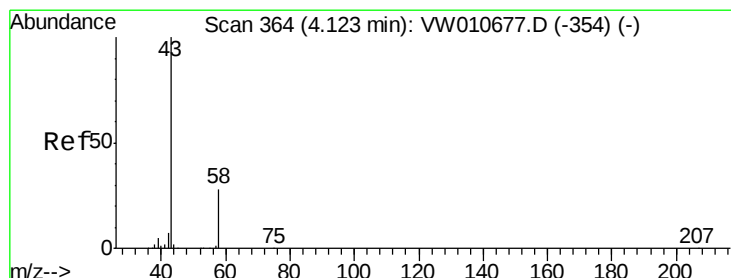
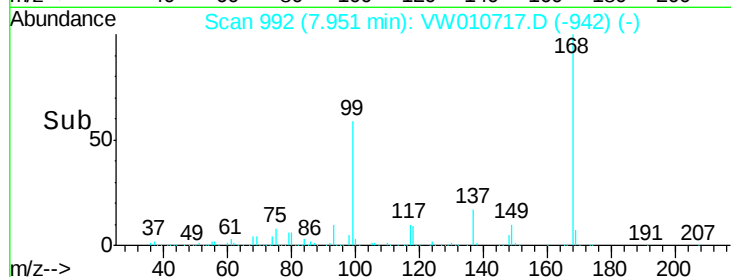
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 80.620 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010717.D

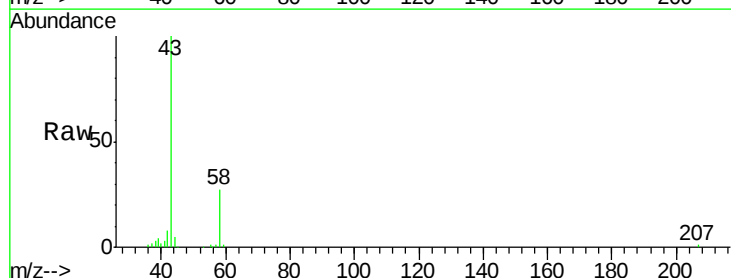
Acq: 06 Jun 2019 18:35

Tgt Ion: 43 Resp: 47856

Ion Ratio Lower Upper

43 100

58 26.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

15000

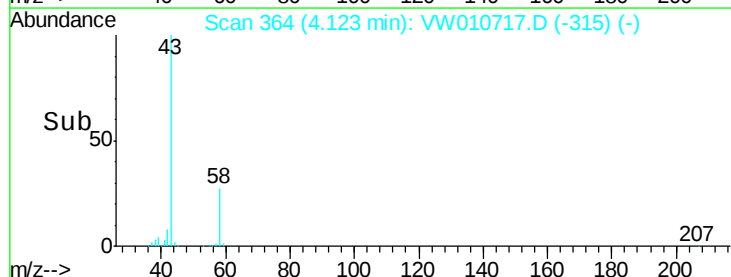
10000

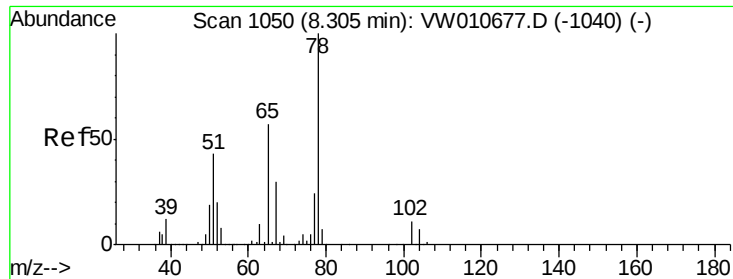
5000

0

4.00 4.10 4.20 4.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.498 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010717.D

Acq: 06 Jun 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

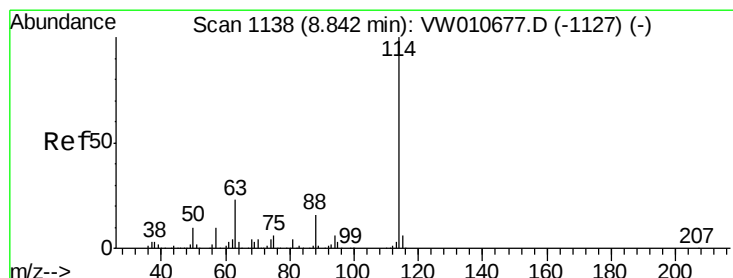
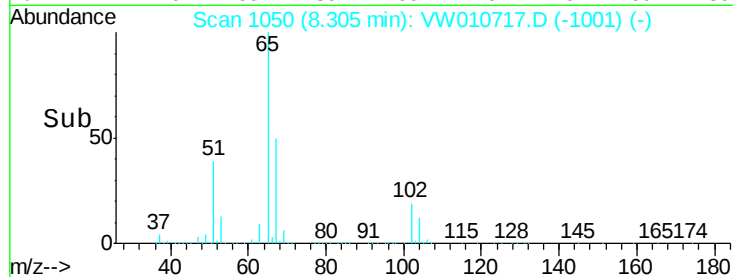
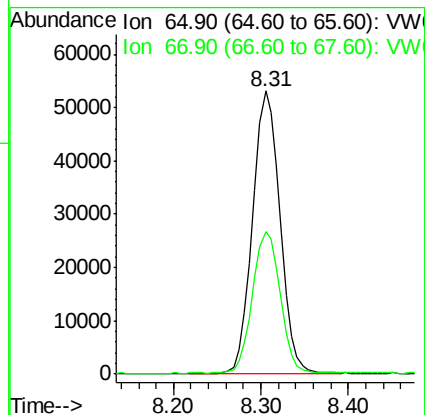
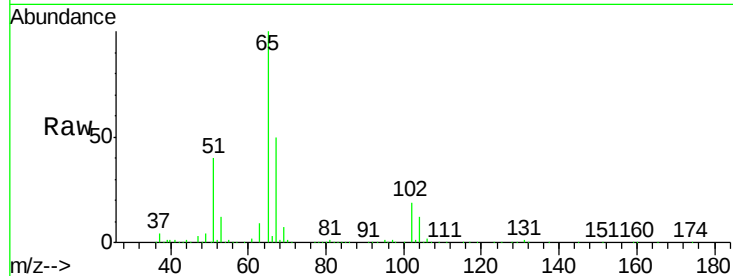
RBR-200035

Tot Ion: 65 Resp: 116302

Ion Ratio Lower Upper

65 100

67 50.2 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: VW010717.D

Acq: 06 Jun 2019 18:35

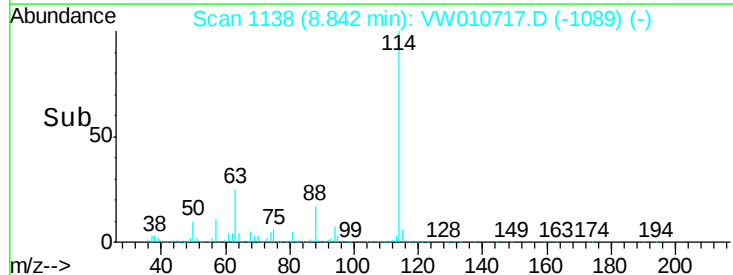
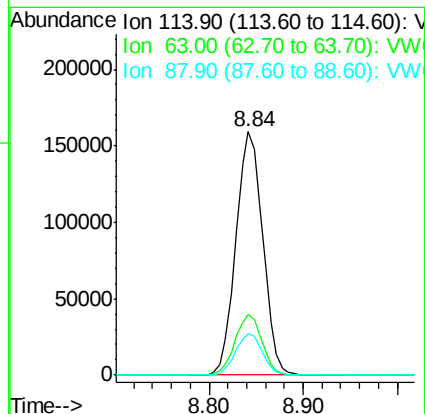
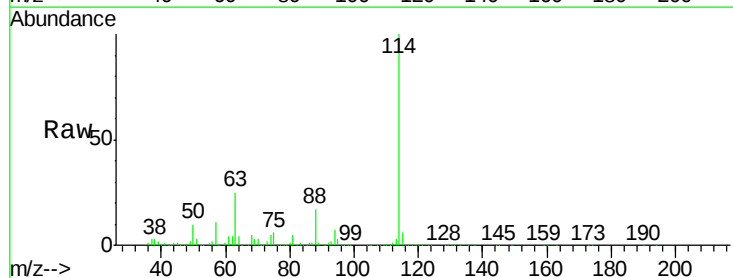
Tgt Ion: 114 Resp: 316693

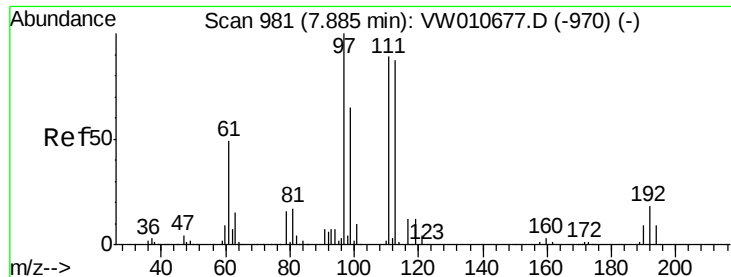
Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.4

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.840 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010717.D

Acq: 06 Jun 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

RBR-200035

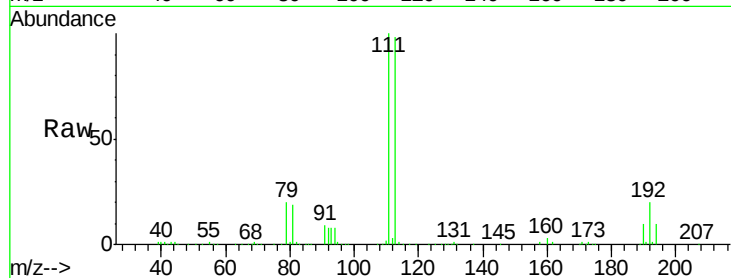
Tot Ion:113 Resp: 87391

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

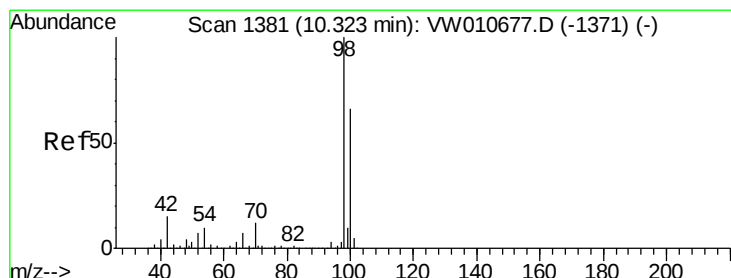
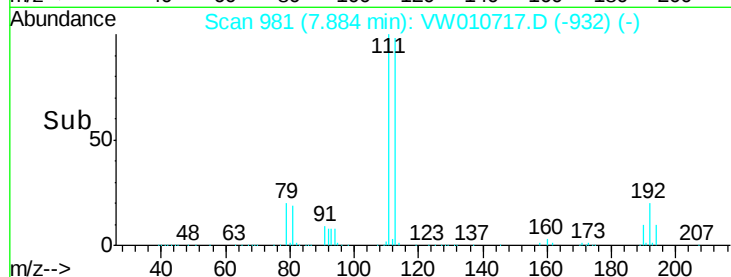
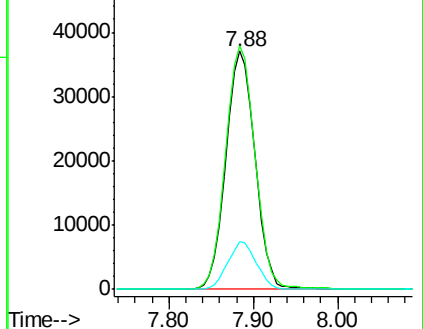
192 19.6 16.4 24.6



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: 54.641 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010717.D

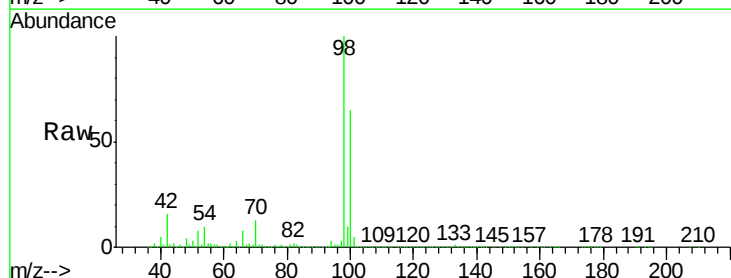
Acq: 06 Jun 2019 18:35

Tgt Ion: 98 Resp: 411874

Ion Ratio Lower Upper

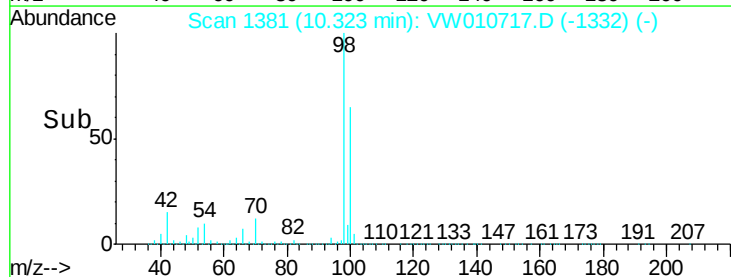
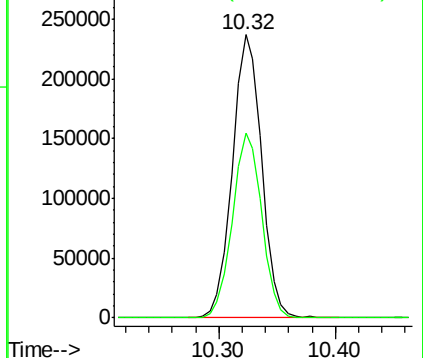
98 100

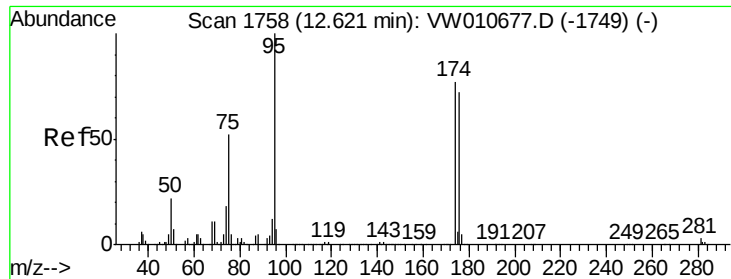
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

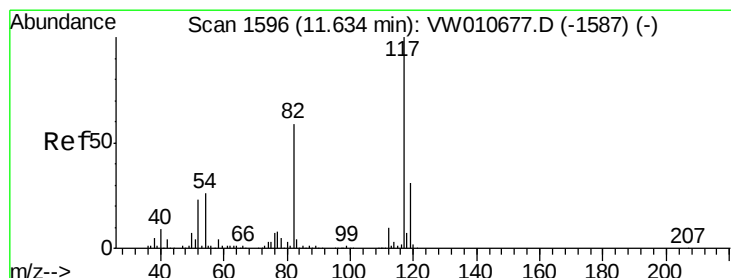
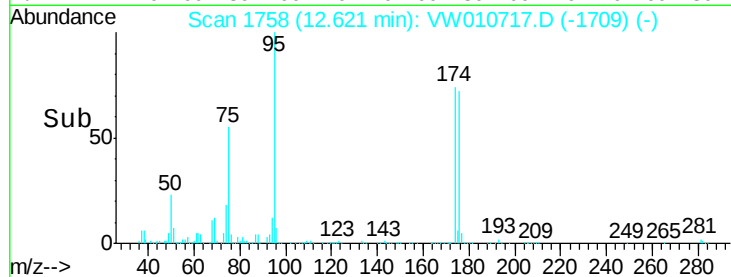
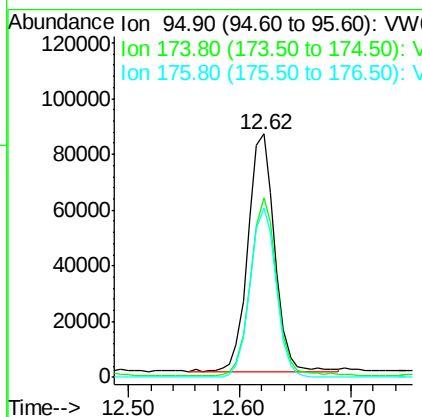
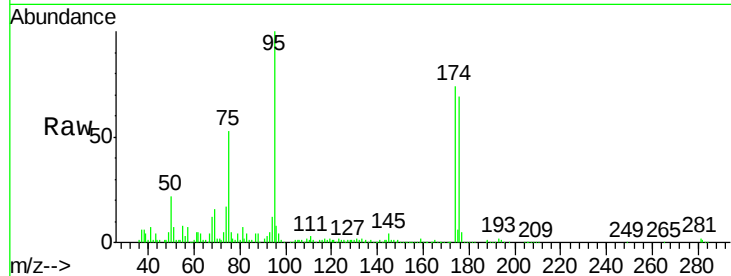




#62
4-Bromofluorobenzene
Concen: 52.173 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010717.D
Acq: 06 Jun 2019 18:35

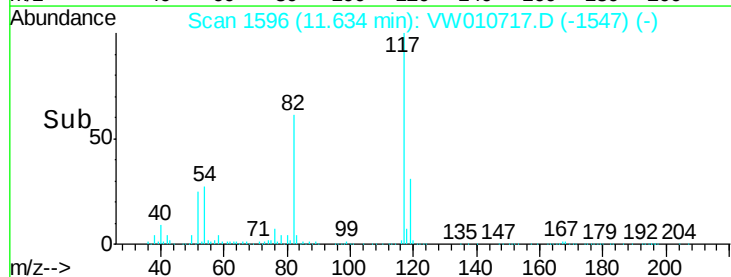
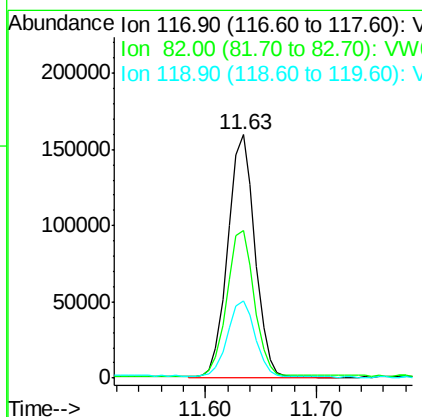
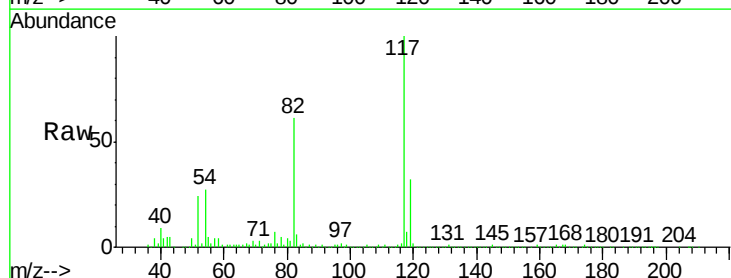
Instrument :
MSVOA_W
ClientSampleId :
RBR-200035

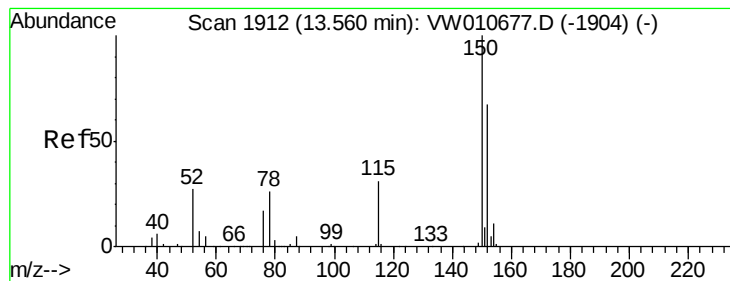
Tot Ion	95	Resp	143	105
Ion Ratio	100			
Lower				
Upper				
95	74.2	0.0	150.4	
174	69.3	0.0	144.8	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010717.D
Acq: 06 Jun 2019 18:35

Tgt Ion	117	Resp	267	079
Ion Ratio <td>100</td> <td></td> <td></td> <td></td>	100			
Lower				
Upper				
82	60.2	47.0	70.4	
119	31.6	25.1	37.7	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010717.D

Acq: 06 Jun 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

RBR-200035

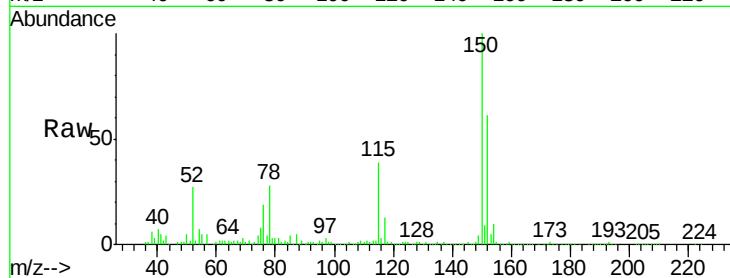
Tot Ion:152 Resp: 114860

Ion Ratio Lower Upper

152 100

115 61.3 29.8 89.3

150 160.1 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

