

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006533.D
 Acq On : 31 Oct 2018 18:19
 Operator : SY/AP
 Sample : J5194-09RE
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-102618-BRE

Quant Time: Oct 31 18:46:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

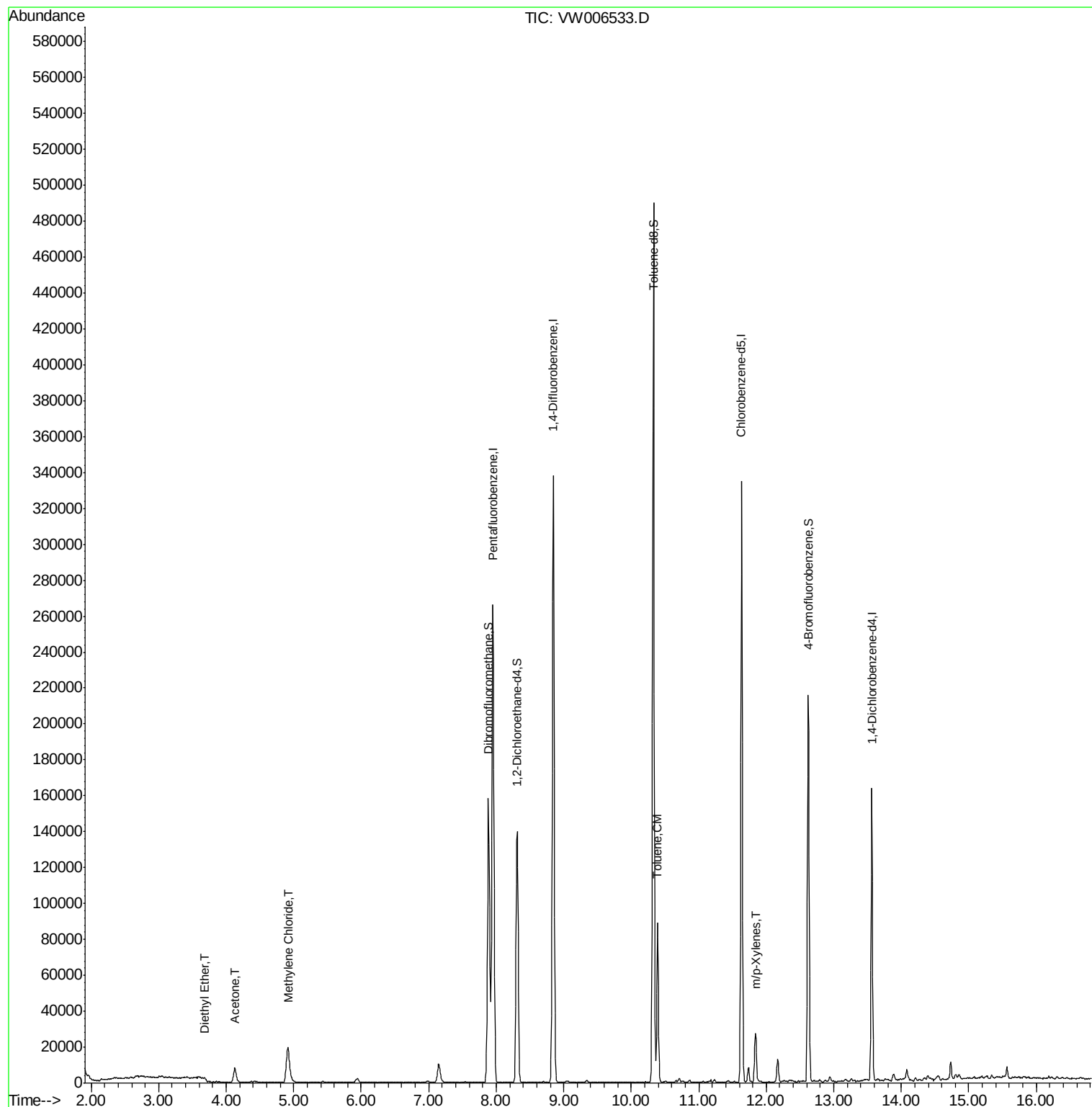
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	197182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111601	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.40%	
35) Dibromofluoromethane	7.89	113	111260	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
50) Toluene-d8	10.33	98	342495	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.62	95	65490	24.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.94%	
Target Compounds						
8) Diethyl Ether	3.68	74	1275	1.287	ug/l	95
16) Acetone	4.13	43	14112	28.109	ug/l	91
20) Methylene Chloride	4.92	84	18378	8.163	ug/l	93
52) Toluene	10.39	92	38419	7.296	ug/l	99
68) m/p-Xylenes	11.84	106	8699	3.009	ug/l	93

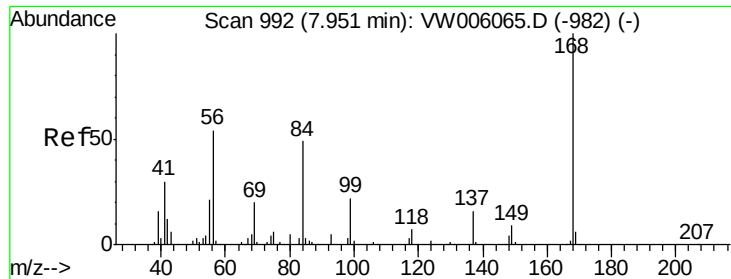
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006533.D
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Quant Time: Oct 31 18:46:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006533.D

Acq: 31 Oct 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

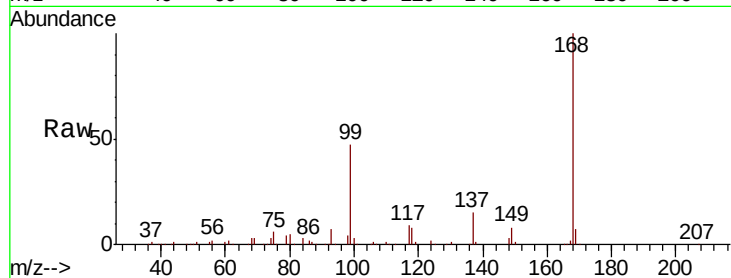
HR-05-102618-BRE

Tot Ion:168 Resp: 219961

Ion Ratio Lower Upper

168 100

99 46.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

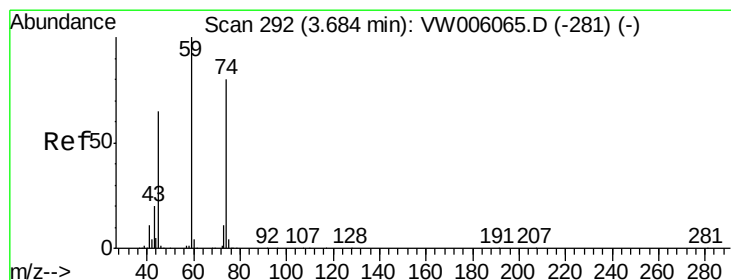
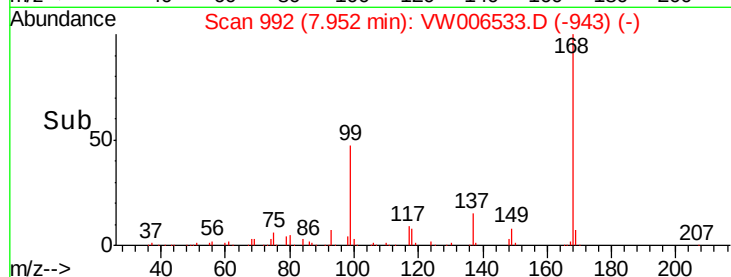
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.287 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006533.D

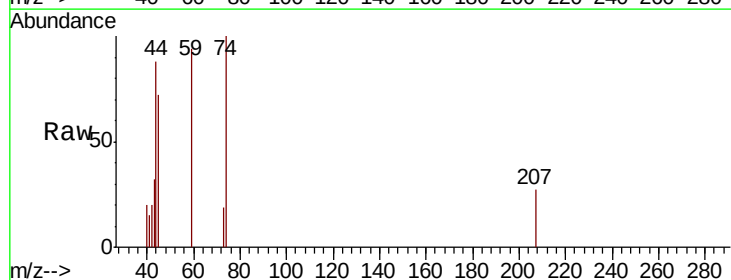
Acq: 31 Oct 2018 18:19

Tgt Ion: 74 Resp: 1275

Ion Ratio Lower Upper

74 100

45 90.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

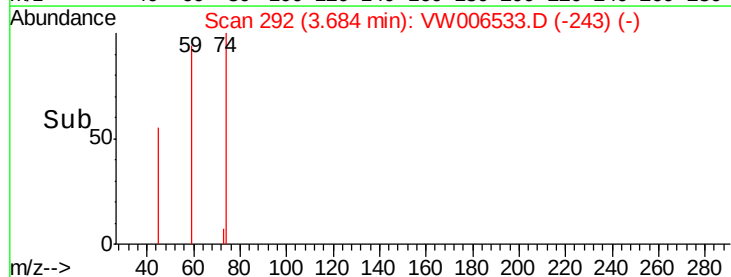
600

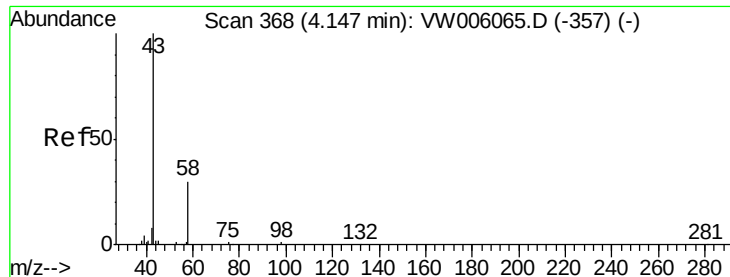
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200

0

Time-->

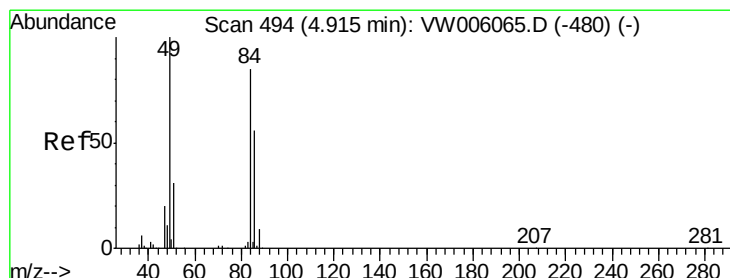
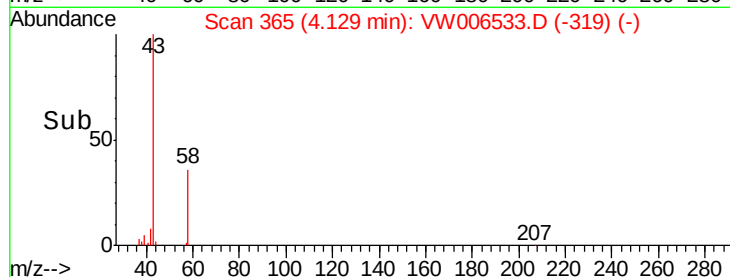
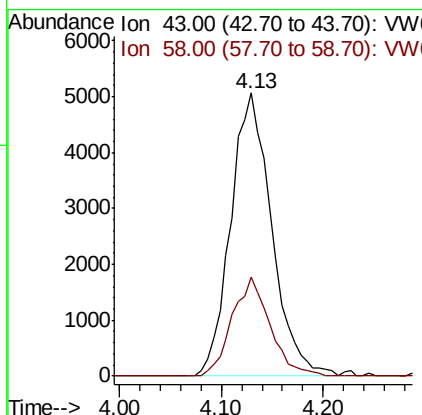
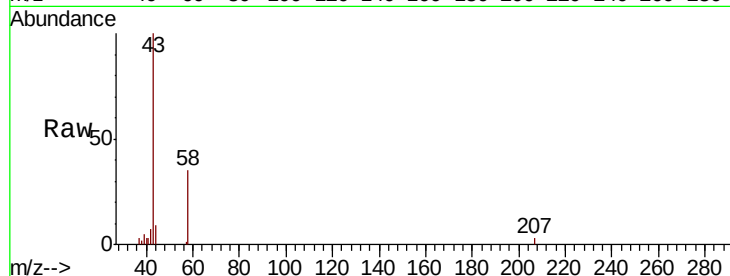




#16
Acetone
Concen: 28.109 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW006533.D
Acq: 31 Oct 2018 18:19

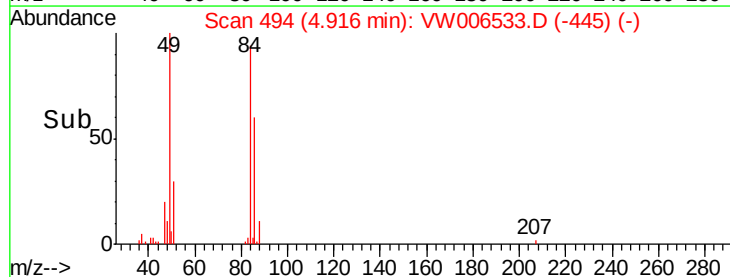
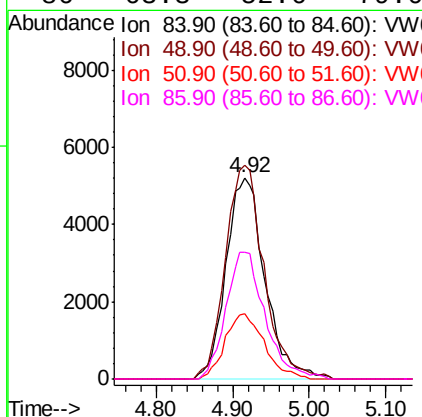
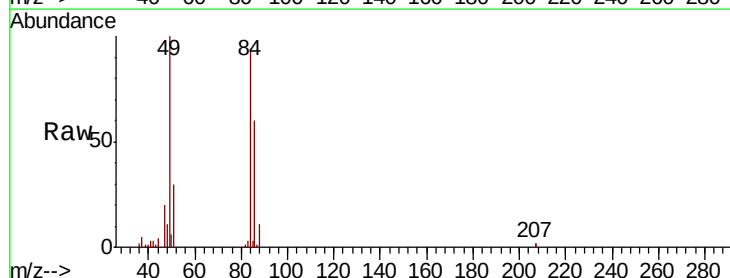
Instrument :
MSVOA_W
ClientSampleId :
HR-05-102618-BRE

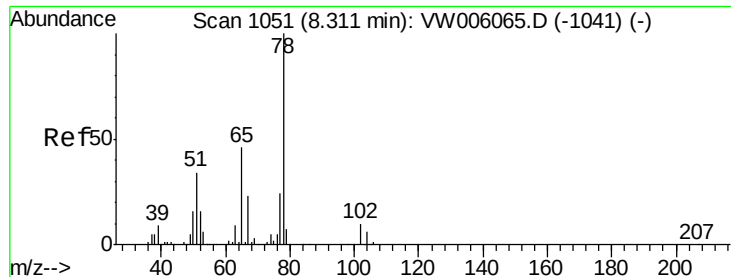
Tot Ion: 43 Resp: 14112
Ion Ratio Lower Upper
43 100
58 35.0 24.0 36.0



#20
Methylene Chloride
Concen: 8.163 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006533.D
Acq: 31 Oct 2018 18:19

Tgt Ion: 84 Resp: 18378
Ion Ratio Lower Upper
84 100
49 106.1 93.6 140.4
51 32.3 29.0 43.4
86 63.3 52.6 79.0

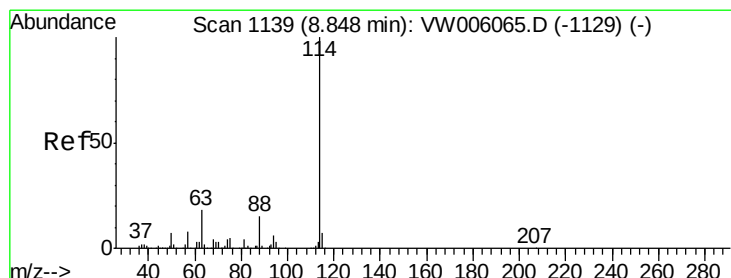
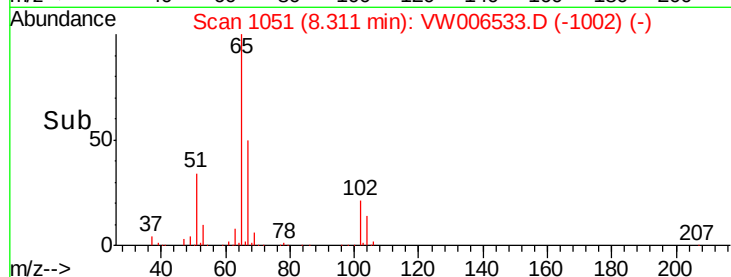
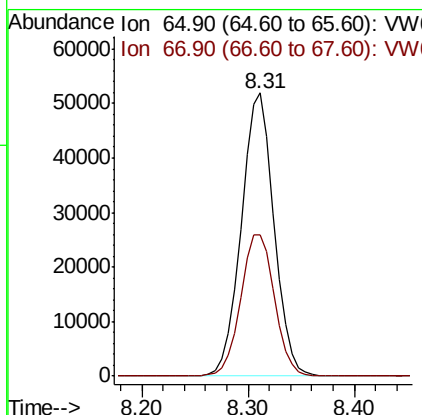
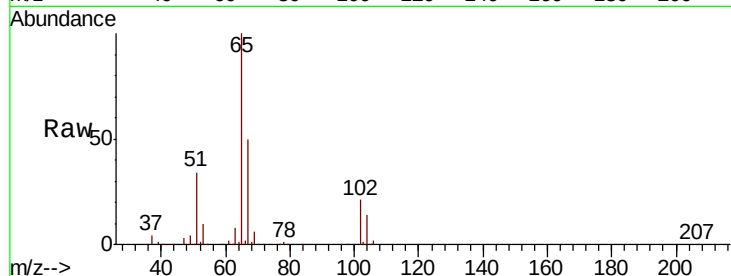




#33
 1,2-Dichloroethane-d4
 Concen: 61.198 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006533.D
 Acq: 31 Oct 2018 18:19

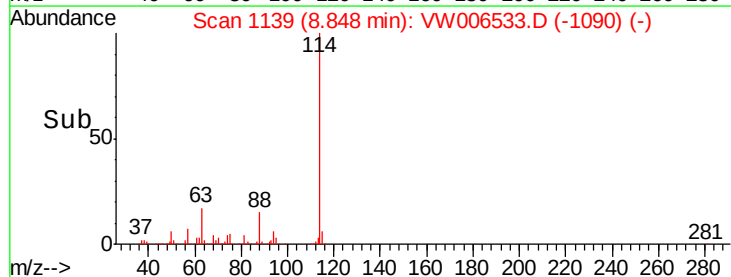
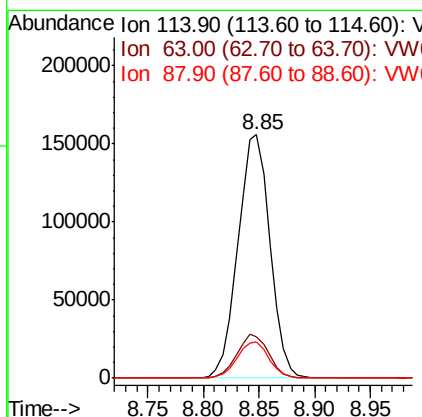
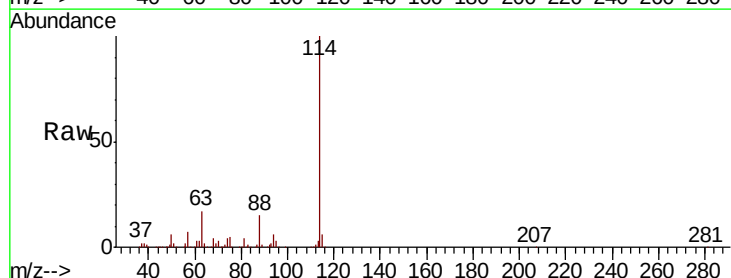
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-102618-BRE

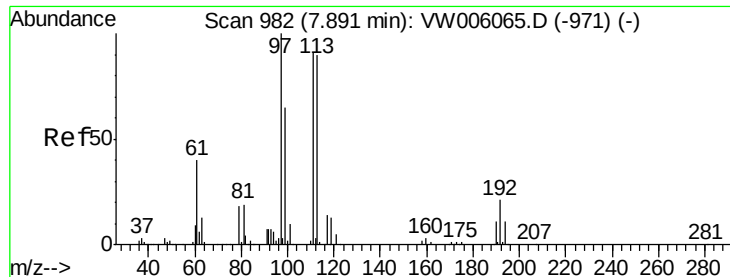
Tot Ion: 65 Resp: 111601
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006533.D
 Acq: 31 Oct 2018 18:19

Tgt Ion: 114 Resp: 310660
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.8
 88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 60.610 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006533.D

Acq: 31 Oct 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

HR-05-102618-BRE

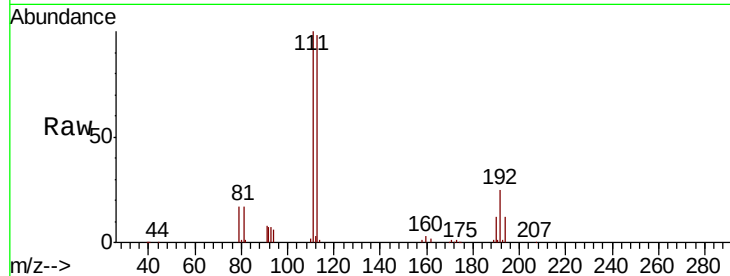
Tot Ion:113 Resp: 111260

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

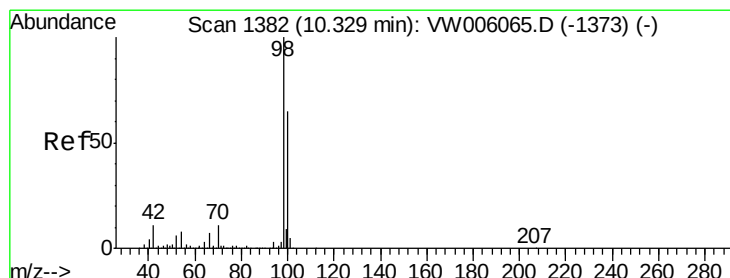
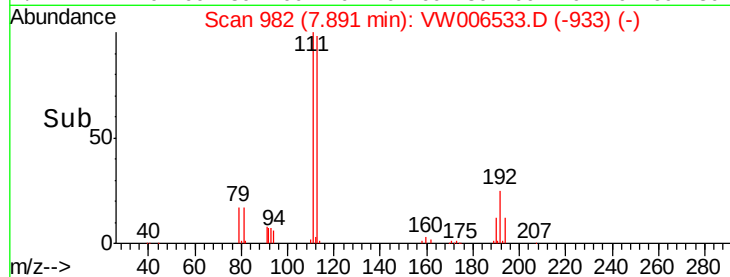
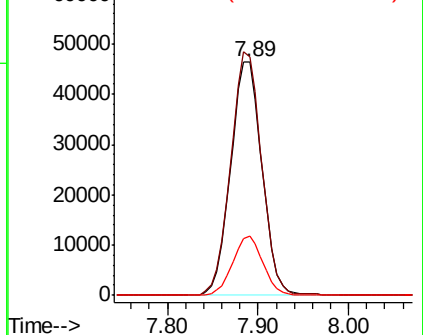
192 24.4 18.7 28.1



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: 49.041 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006533.D

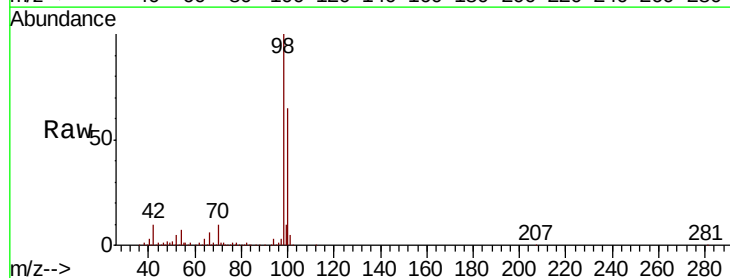
Acq: 31 Oct 2018 18:19

Tgt Ion: 98 Resp: 342495

Ion Ratio Lower Upper

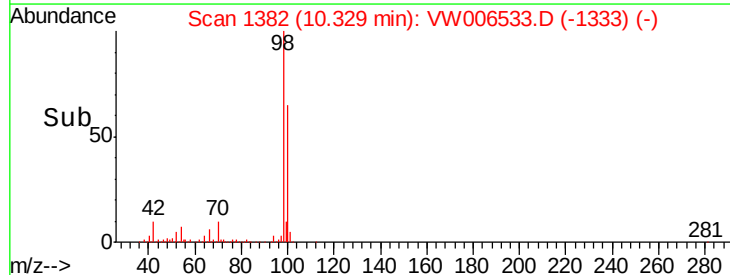
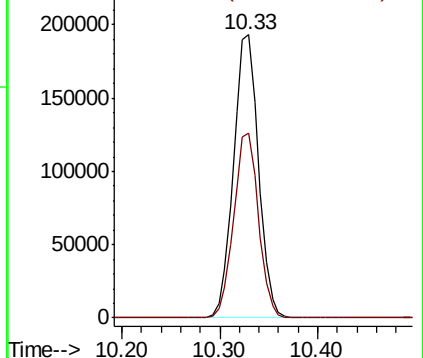
98 100

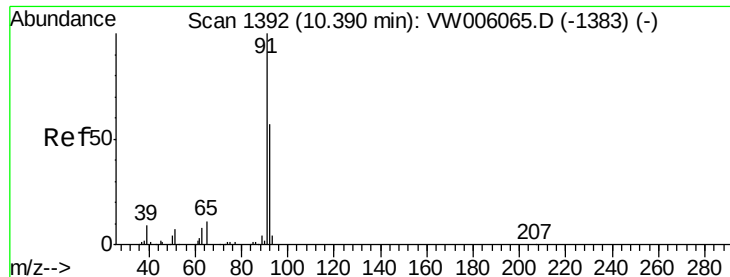
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 7.296 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006533.D

Acq: 31 Oct 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

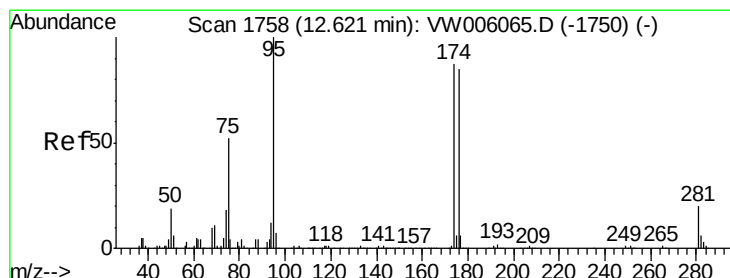
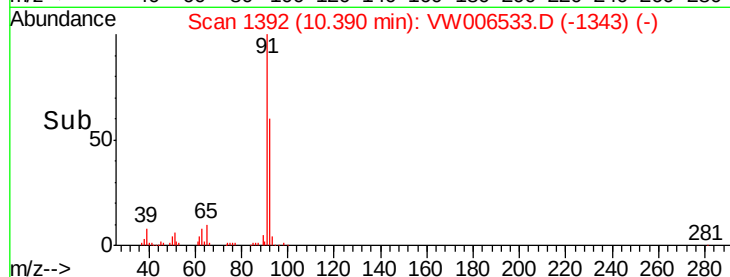
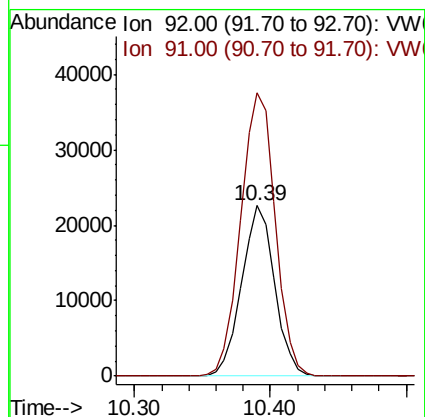
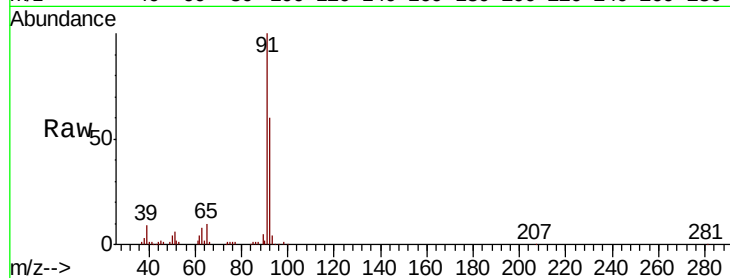
HR-05-102618-BRE

Tot Ion: 92 Resp: 38419

Ion Ratio Lower Upper

92 100

91 173.5 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 24.967 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006533.D

Acq: 31 Oct 2018 18:19

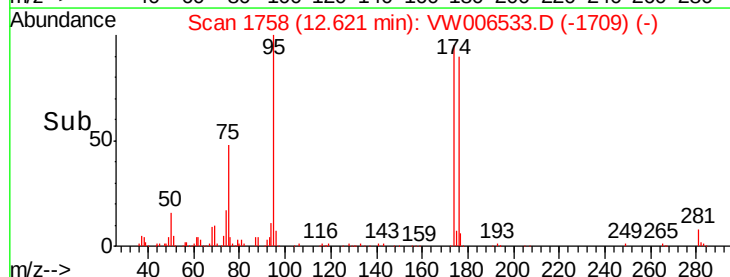
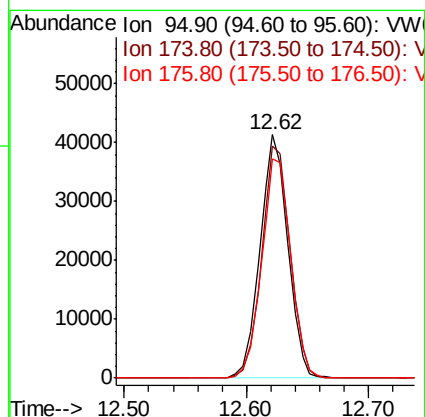
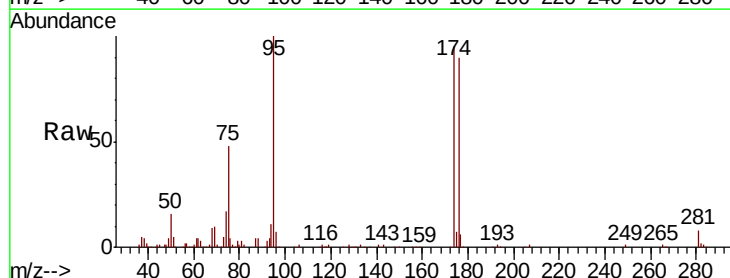
Tgt Ion: 95 Resp: 65490

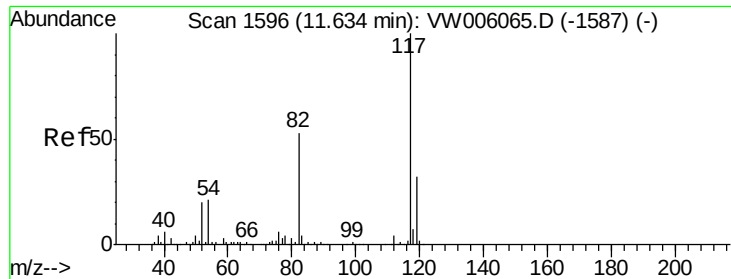
Ion Ratio Lower Upper

95 100

174 97.4 0.0 186.0

176 94.0 0.0 181.6

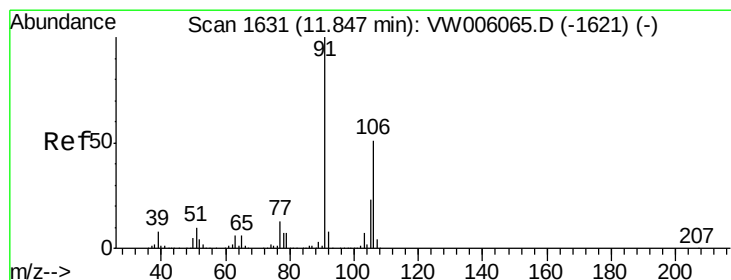
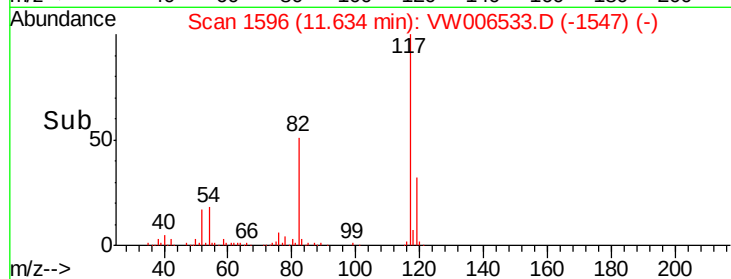
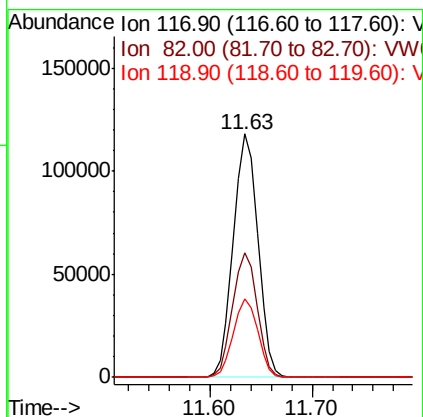
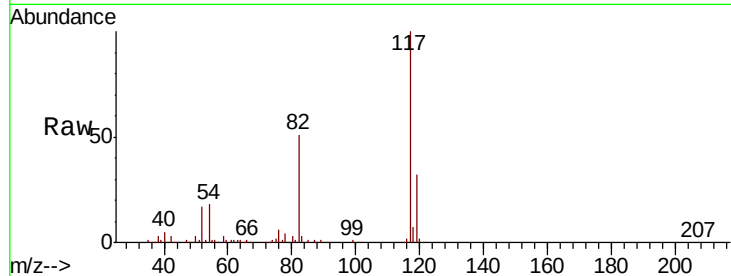




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006533.D
Acq: 31 Oct 2018 18:19

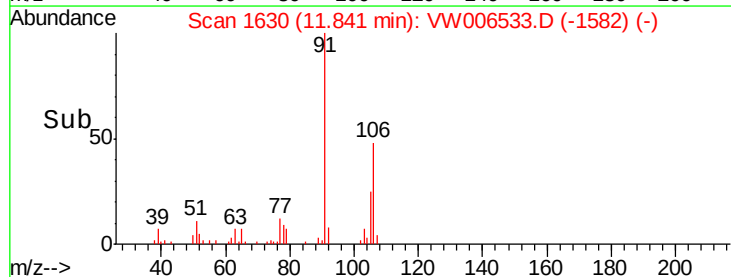
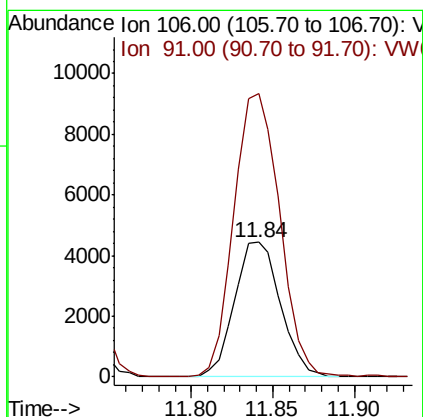
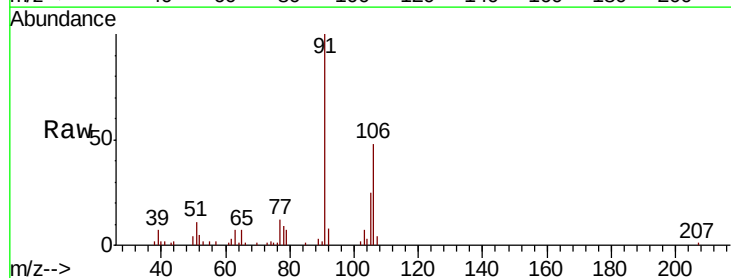
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HR-05-102618-BRE

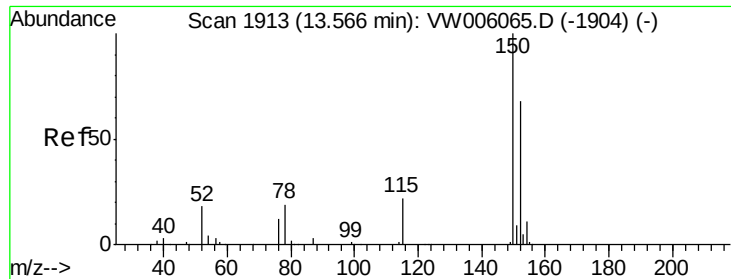
Tot Ion:117 Resp: 197182
Ion Ratio Lower Upper
117 100
82 51.0 42.1 63.1
119 32.3 25.8 38.6



#68
m/p-Xylenes
Concen: 3.009 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006533.D
Acq: 31 Oct 2018 18:19

Tgt Ion:106 Resp: 8699
Ion Ratio Lower Upper
106 100
91 209.8 159.1 238.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006533.D

Acq: 31 Oct 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

HR-05-102618-BRE

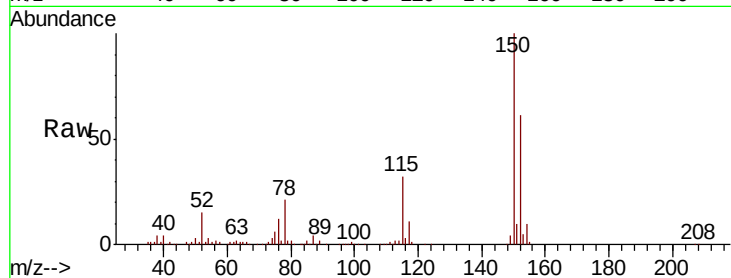
Tot Ion:152 Resp: 46271

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.3

150 157.9 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

