

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003884.D
 Acq On : 12 Jul 2018 00:26
 Operator : SY/AP
 Sample : J3914-05RE
 Misc : 3.08G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B3RE

Quant Time: Jul 12 03:02:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

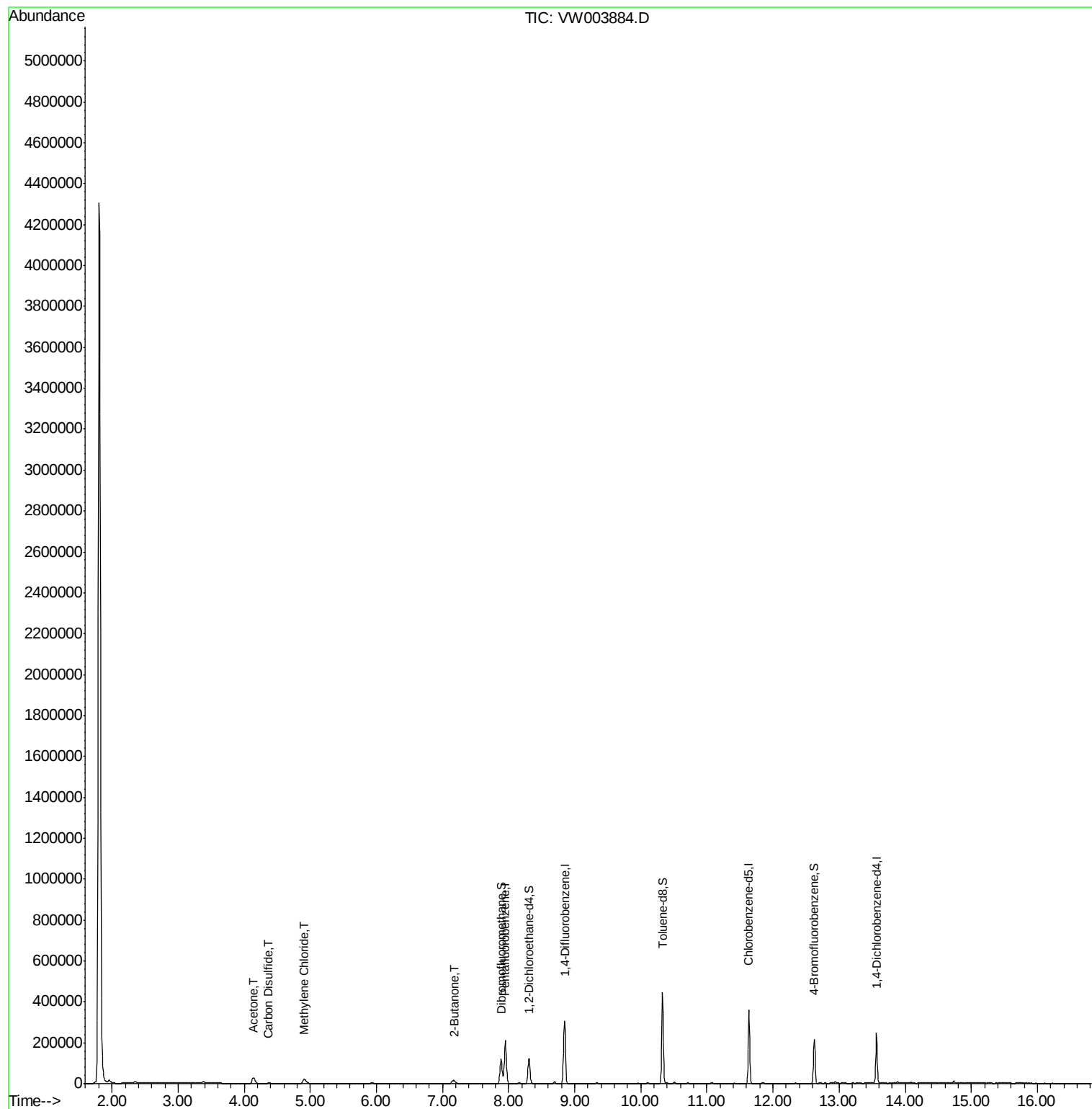
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99514	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.88	113	86087	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.33	98	279926	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
62) 4-Bromofluorobenzene	12.62	95	65400	27.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.42%	
Target Compounds						
16) Acetone	4.14	43	59259	177.374	ug/l	97
17) Carbon Disulfide	4.37	76	7130	1.572	ug/l #	91
20) Methylene Chloride	4.90	84	17247	6.805	ug/l	96
25) 2-Butanone	7.19	43	14032	26.816	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

Instrument :

MSVOA_W

ClientSampleId :

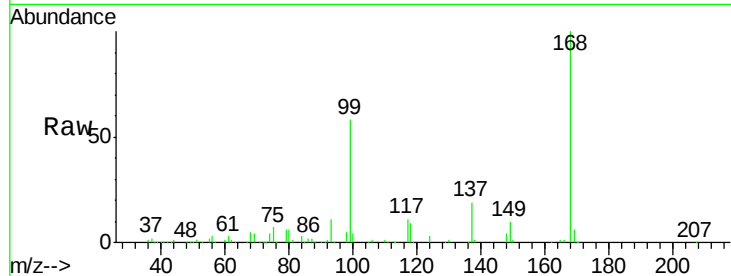
B3RE

Tot Ion:168 Resp: 147251

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

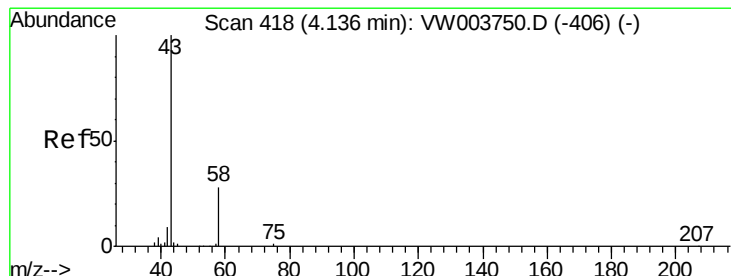
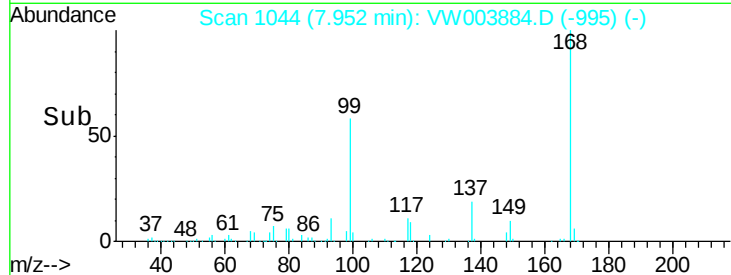
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 177.374 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003884.D

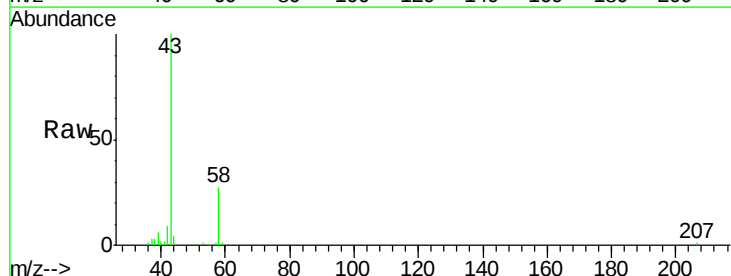
Acq: 12 Jul 2018 00:26

Tgt Ion: 43 Resp: 59259

Ion Ratio Lower Upper

43 100

58 26.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

15000

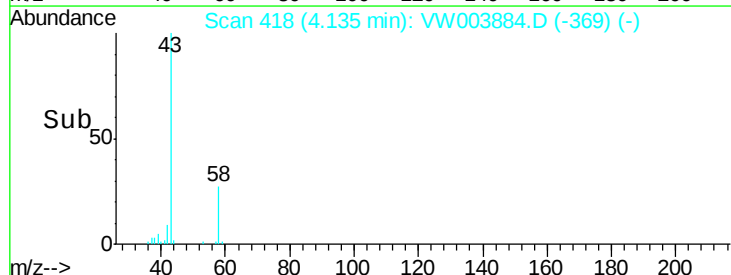
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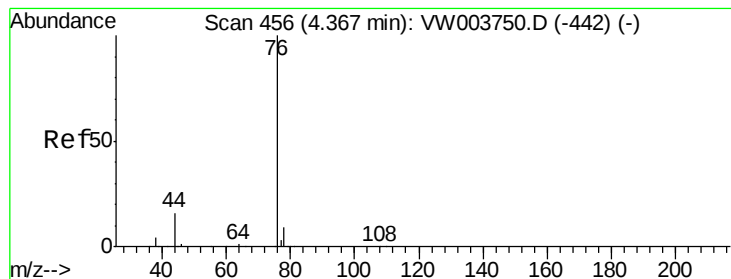
5000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 1.572 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

Instrument :

MSVOA_W

ClientSampled :

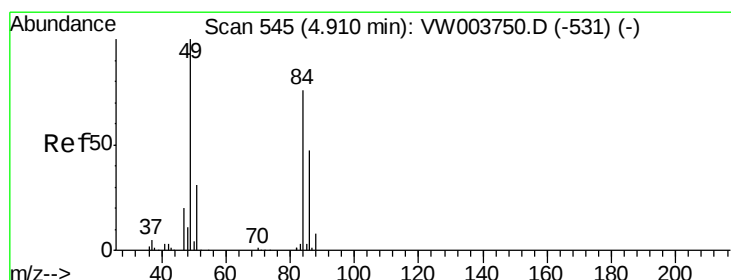
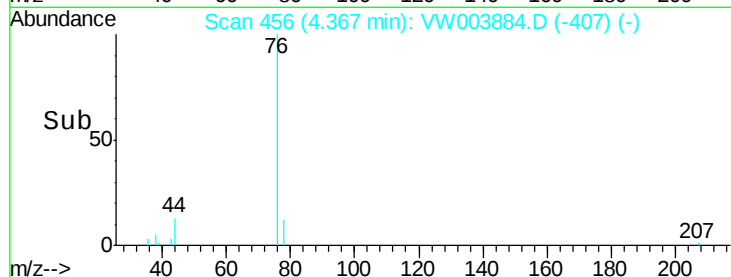
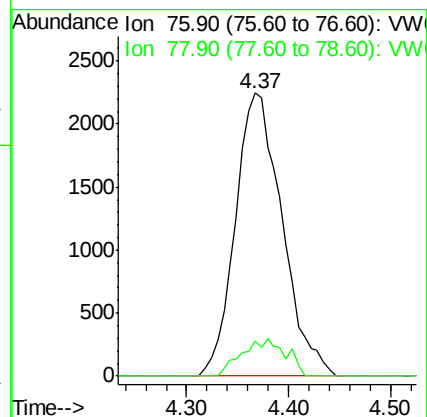
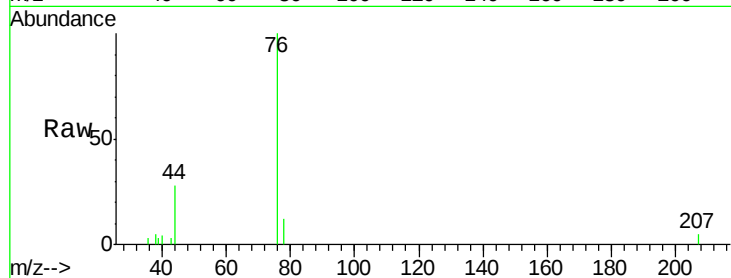
B3RE

Tot Ion: 76 Resp: 7130

Ion Ratio Lower Upper

76 100

78 12.4 7.4 11.2#



#20

Methylene Chloride

Concen: 6.805 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

Tgt Ion: 84 Resp: 17247

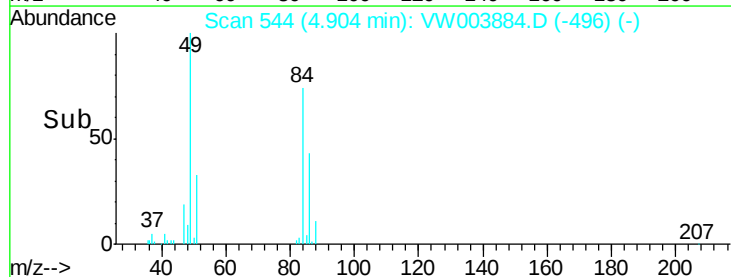
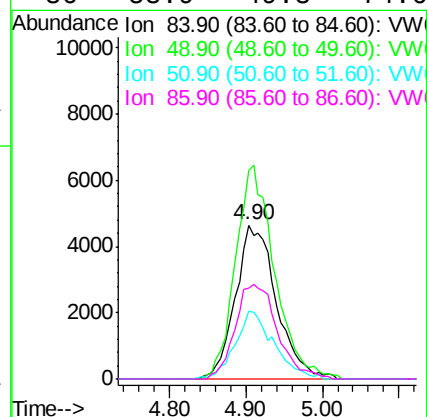
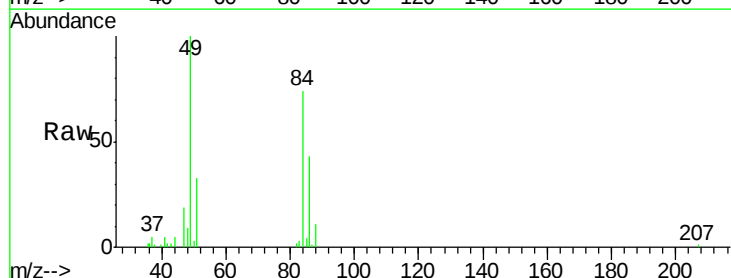
Ion Ratio Lower Upper

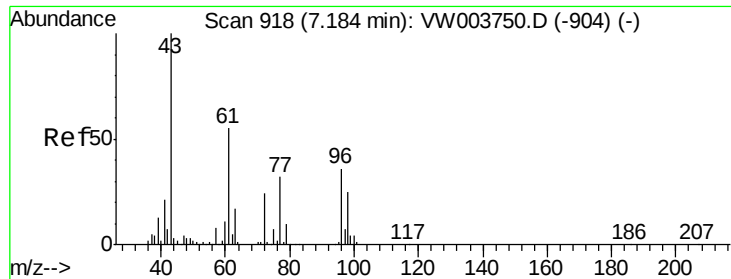
84 100

49 135.6 105.1 157.7

51 44.2 32.5 48.7

86 58.9 49.8 74.6





#25

2-Butanone

Concen: 26.816 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

Instrument :

MSVOA_W

ClientSampled :

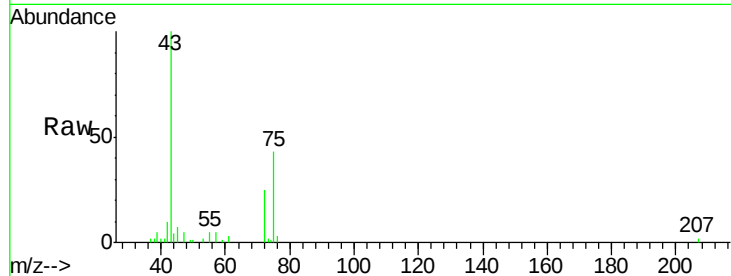
B3RE

Tot Ion: 43 Resp: 14032

Ion Ratio Lower Upper

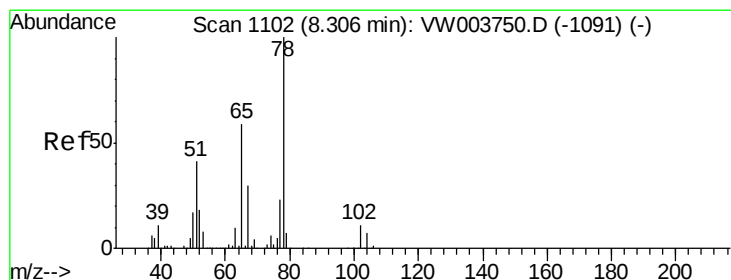
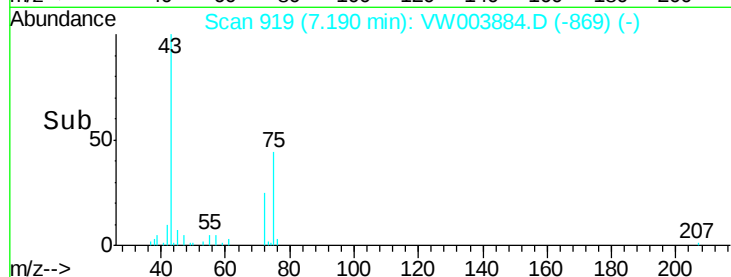
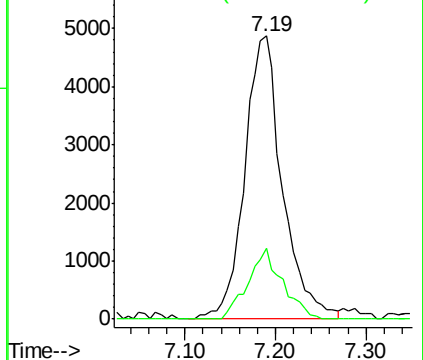
43 100

72 25.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 51.679 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003884.D

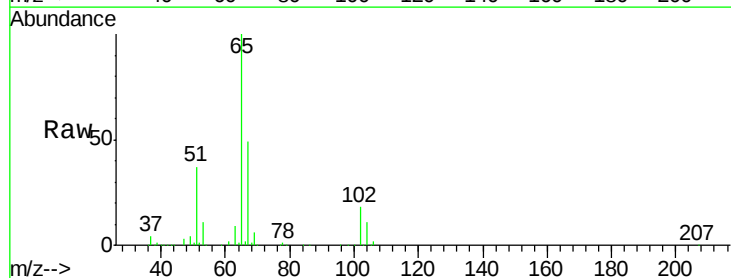
Acq: 12 Jul 2018 00:26

Tgt Ion: 65 Resp: 99514

Ion Ratio Lower Upper

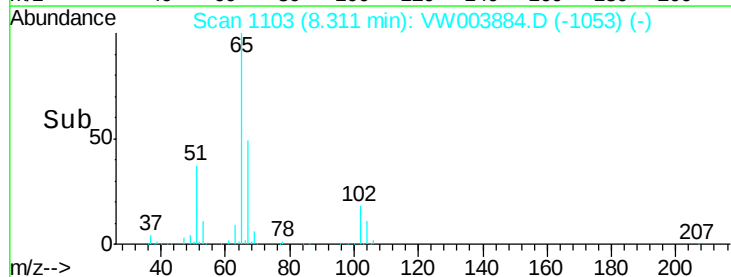
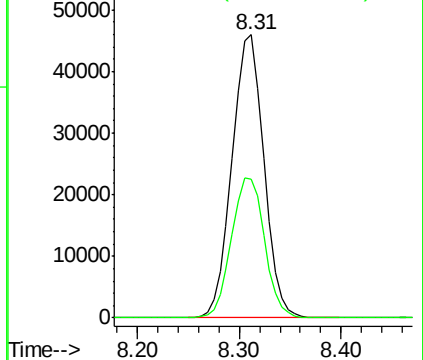
65 100

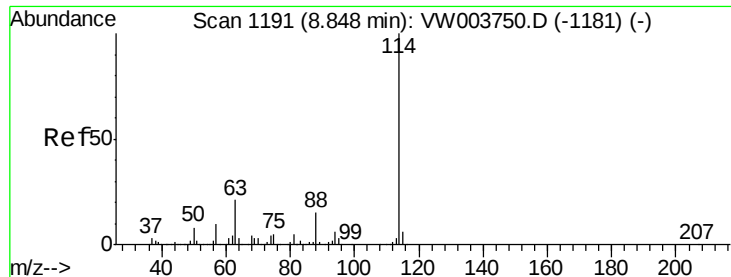
67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

Instrument :

MSVOA_W

ClientSampleId :

B3RE

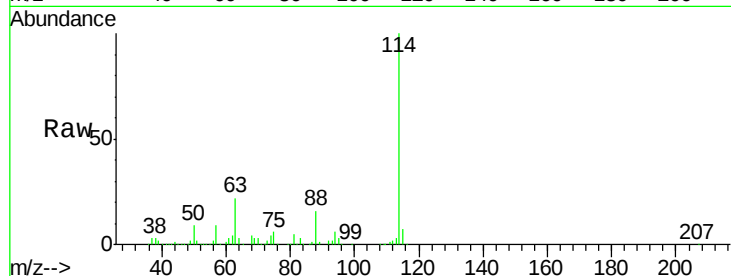
Tot Ion:114 Resp: 243666

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

150000

100000

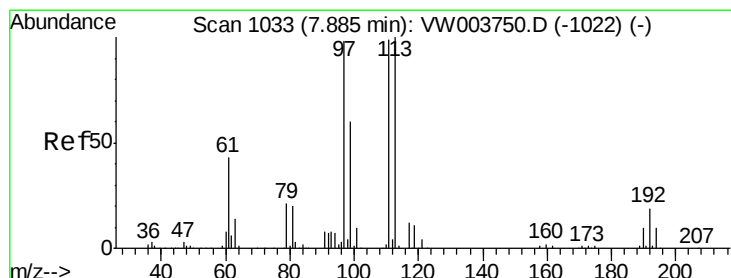
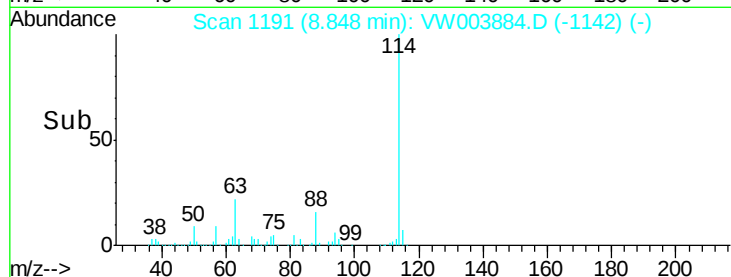
50000

0

8.85

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 50.480 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

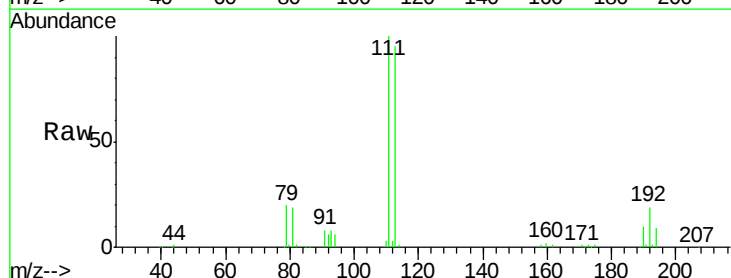
Tgt Ion:113 Resp: 86087

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

192 19.8 15.8 23.8



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

50000

40000

30000

20000

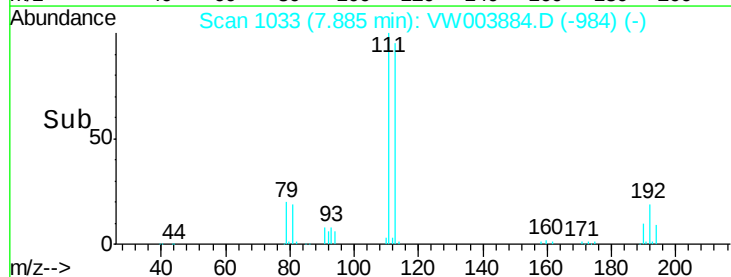
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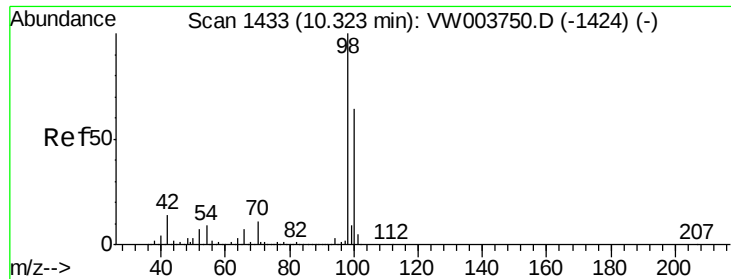
0

7.88

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 42.911 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

Instrument :

MSVOA_W

ClientSampleId :

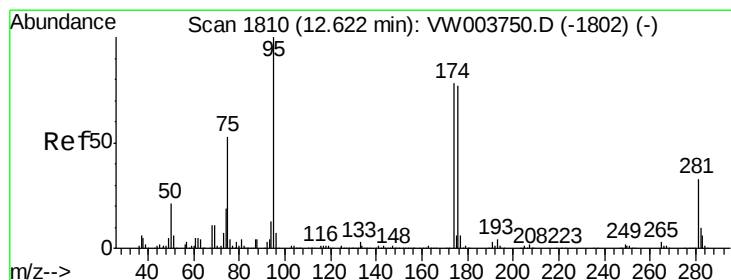
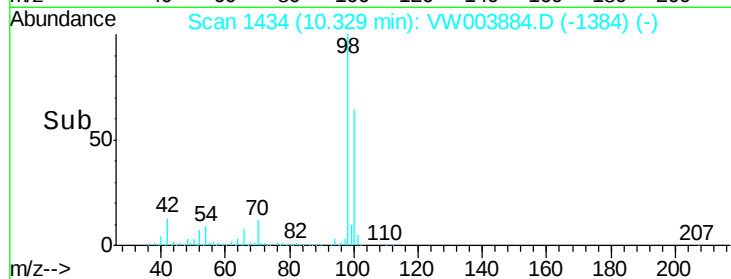
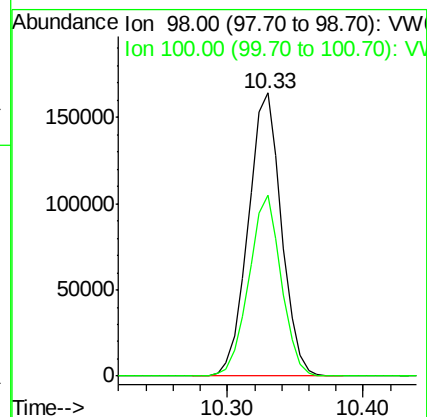
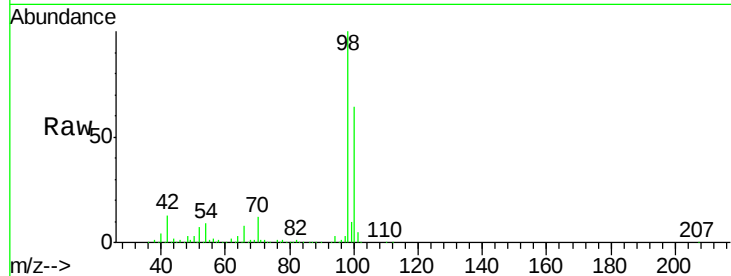
B3RE

Tot Ion: 98 Resp: 279926

Ion Ratio Lower Upper

98 100

100 62.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 27.708 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003884.D

Acq: 12 Jul 2018 00:26

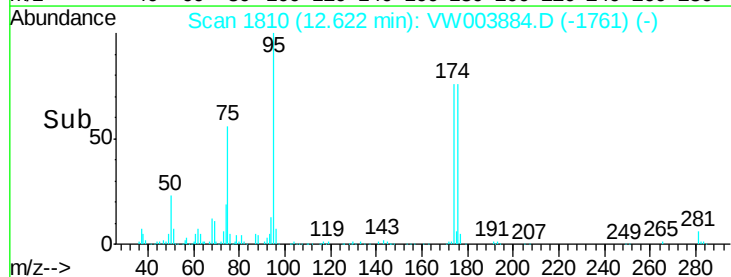
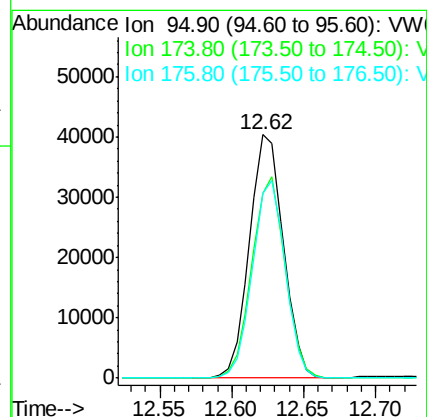
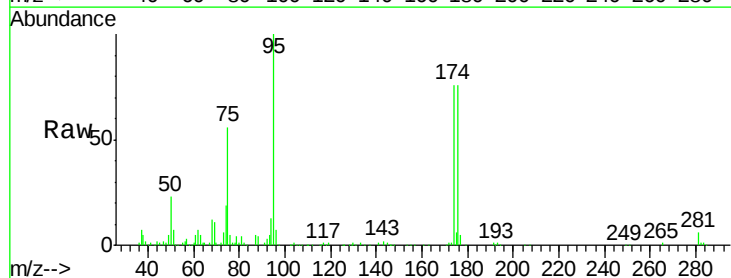
Tgt Ion: 95 Resp: 65400

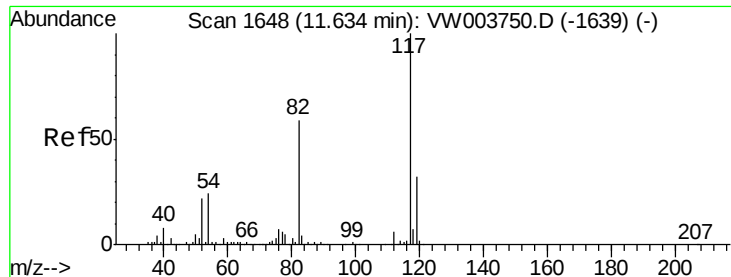
Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.4

176 78.8 0.0 156.8

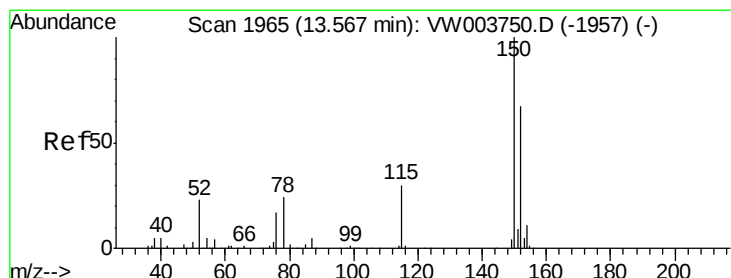
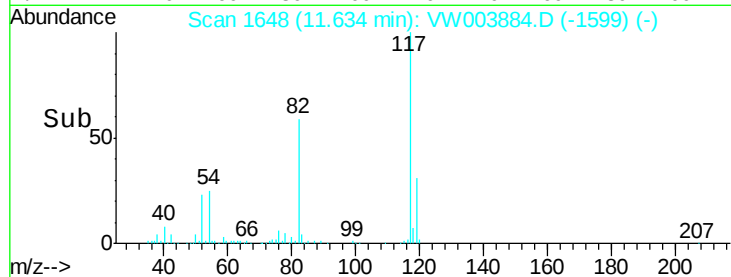
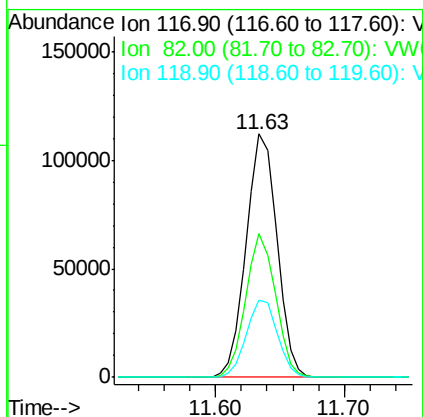
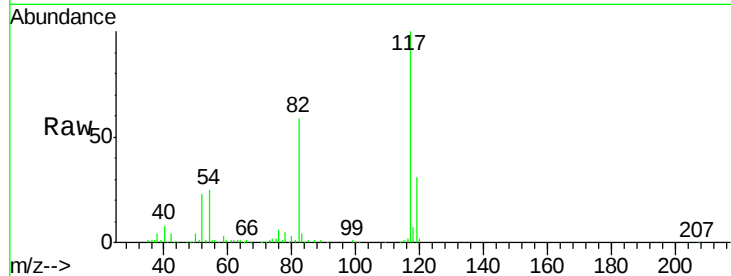




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003884.D
Acq: 12 Jul 2018 00:26

Instrument :
MSVOA_W
ClientSampled :
B3RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.9	70.3
119	31.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003884.D
Acq: 12 Jul 2018 00:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.9	86.8
150	159.9	0.0	342.4

