

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003883.D
 Acq On : 12 Jul 2018 00:00
 Operator : SY/AP
 Sample : J3914-03RE
 Misc : 4.63G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B2RE

Quant Time: Jul 12 02:59:41 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	157404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	103004	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	7.88	113	89726	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
50) Toluene-d8	10.33	98	267596	40.97	ug/l	0.00
Spiked Amount			Recovery	=	81.94%	
62) 4-Bromofluorobenzene	12.62	95	43362	18.35	ug/l	0.00
Spiked Amount			Recovery	=	36.70%	

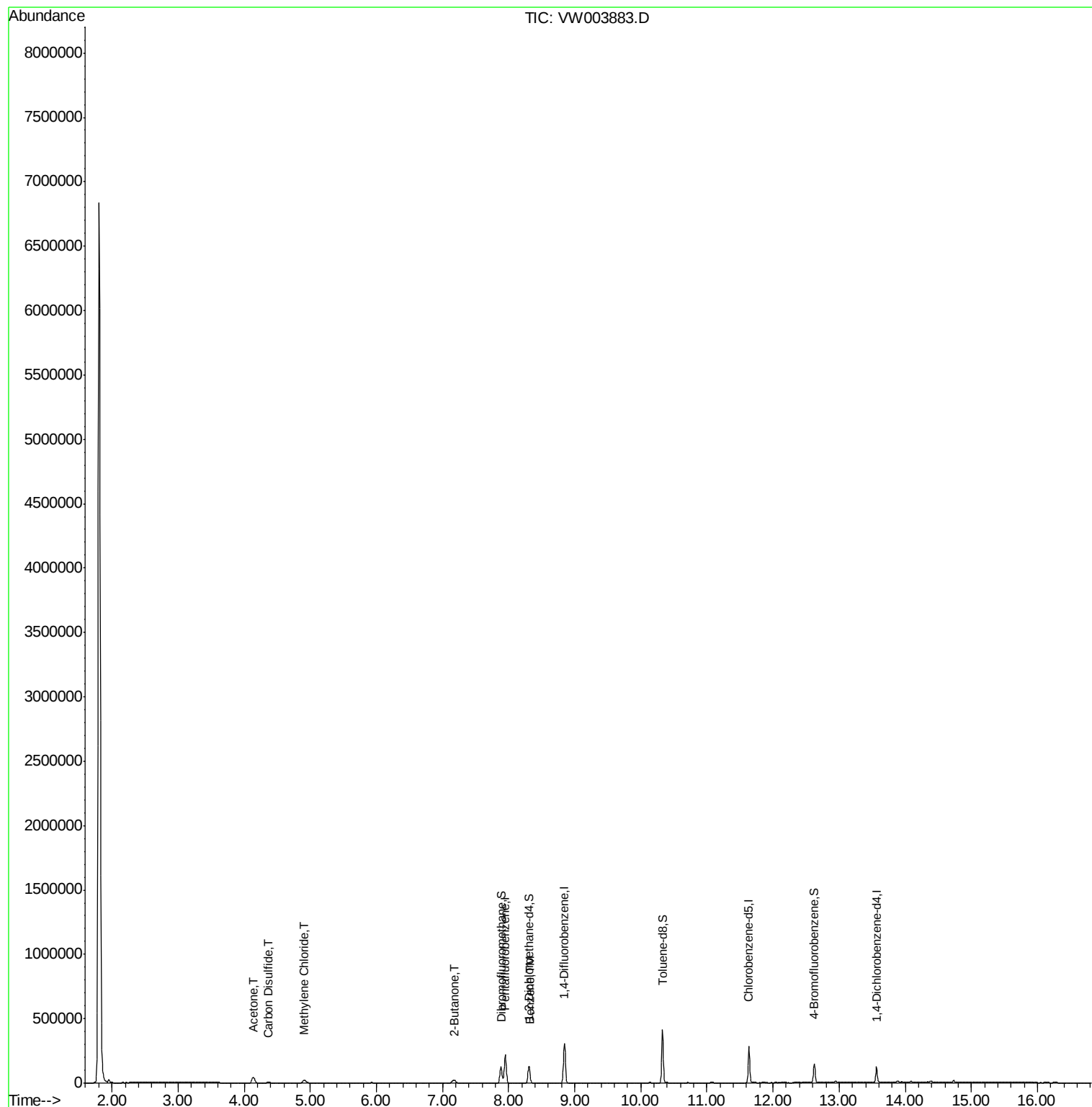
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	90001	252.014	ug/l	98
17) Carbon Disulfide	4.36	76	15855	3.271	ug/l	99
20) Methylene Chloride	4.91	84	20073	7.836	ug/l	99
25) 2-Butanone	7.18	43	26873	48.043	ug/l	98
40) Benzene	8.32	78	12398	1.675	ug/l	99

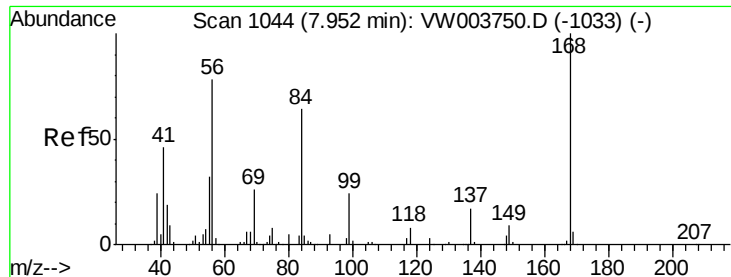
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

Instrument :

MSVOA_W

ClientSampled :

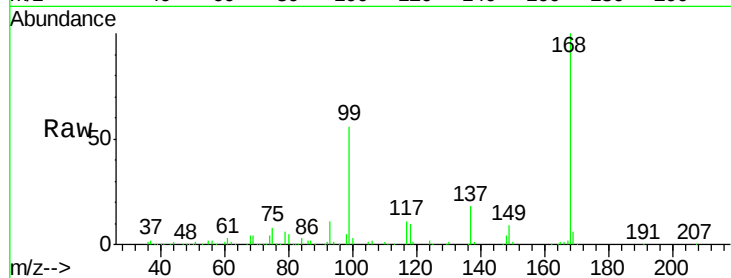
B2RE

Tot Ion:168 Resp: 157404

Ion Ratio Lower Upper

168 100

99 56.0 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

80000

60000

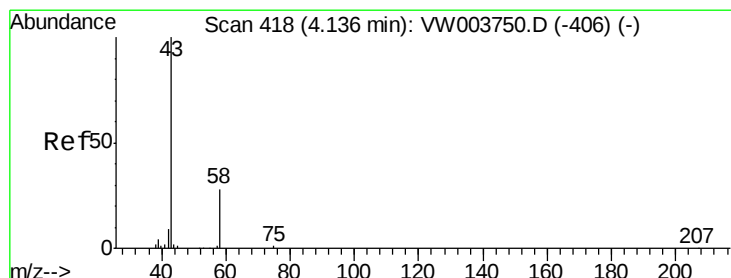
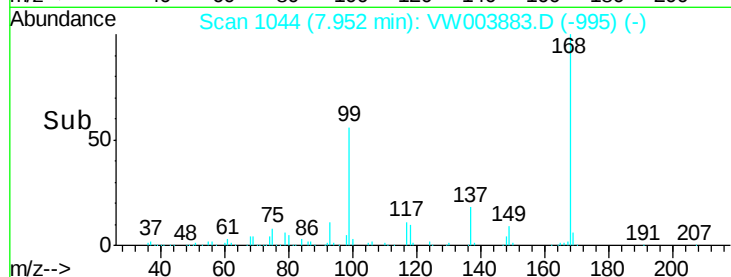
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 252.014 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003883.D

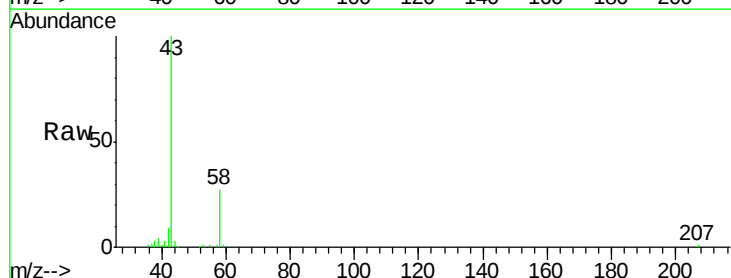
Acq: 12 Jul 2018 00:00

Tgt Ion: 43 Resp: 90001

Ion Ratio Lower Upper

43 100

58 27.0 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

30000

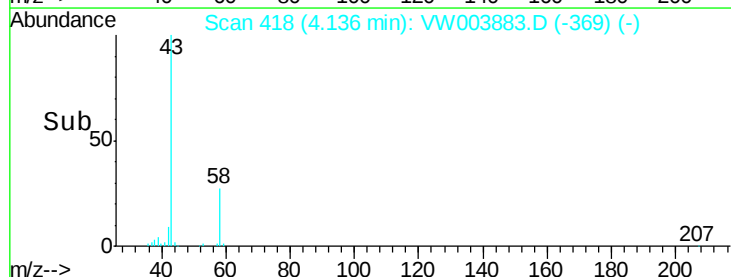
20000

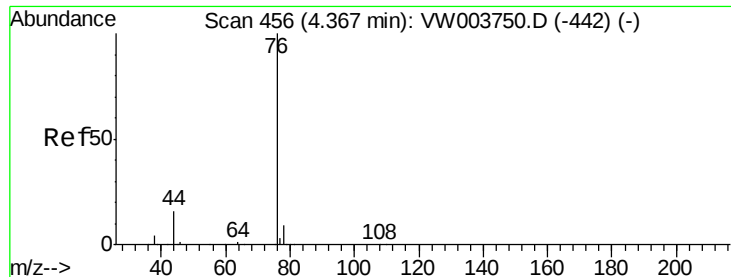
10000

0

4.00 4.10 4.20 4.30

Time-->

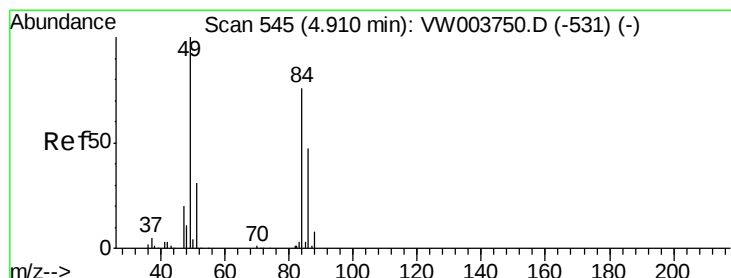
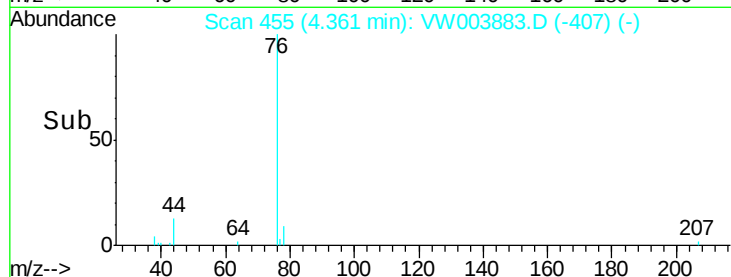
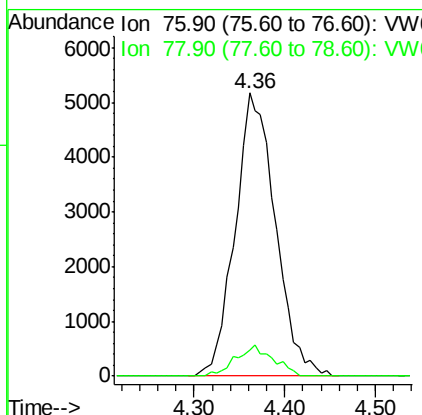
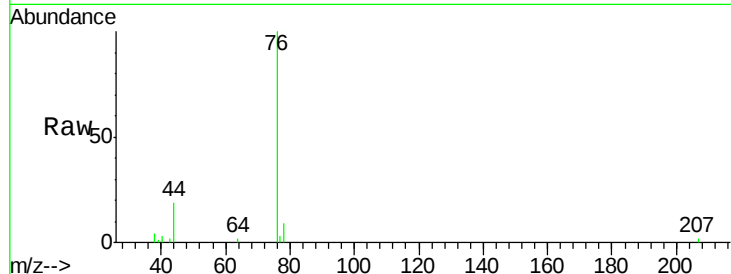




#17
Carbon Disulfide
Concen: 3.271 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW003883.D
Acq: 12 Jul 2018 00:00

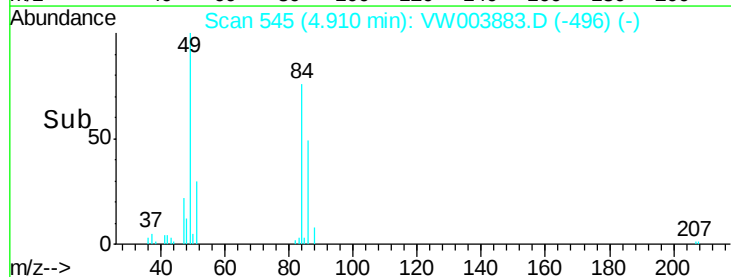
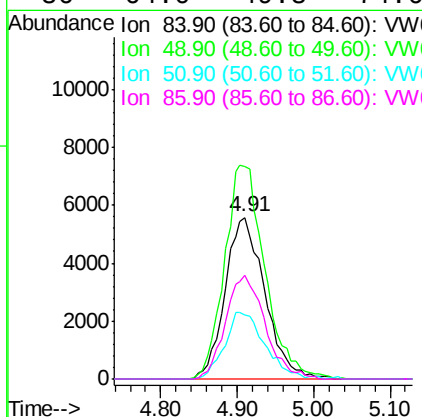
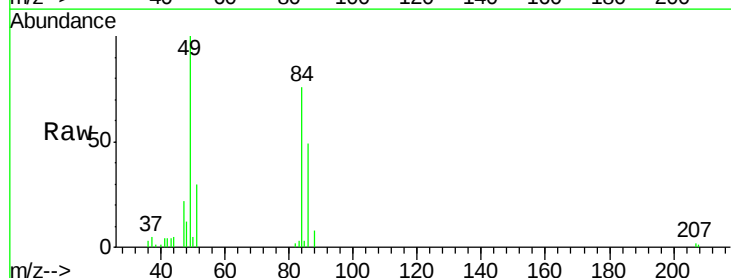
Instrument :
MSVOA_W
ClientSampleId :
B2RE

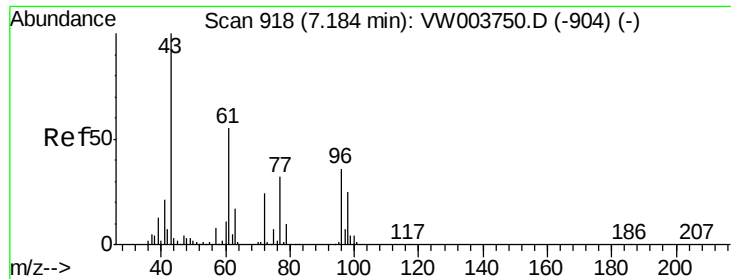
Tot Ion: 76 Resp: 15855
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#20
Methylene Chloride
Concen: 7.836 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003883.D
Acq: 12 Jul 2018 00:00

Tgt Ion: 84 Resp: 20073
Ion Ratio Lower Upper
84 100
49 131.4 105.1 157.7
51 39.6 32.5 48.7
86 64.0 49.8 74.6





#25

2-Butanone

Concen: 48.043 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

Instrument :

MSVOA_W

ClientSampleId :

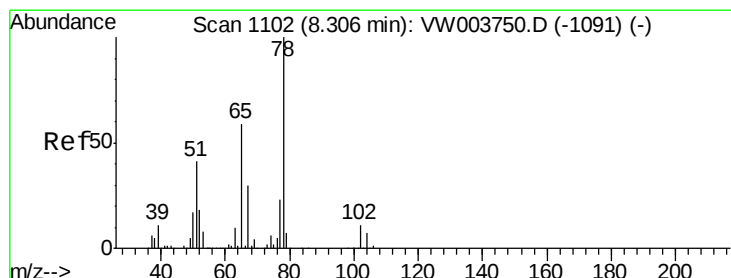
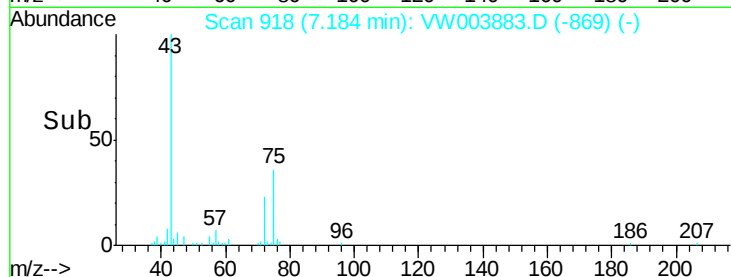
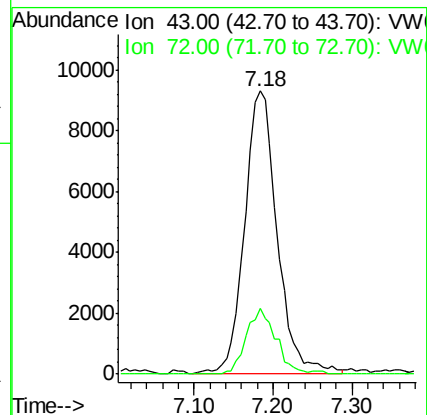
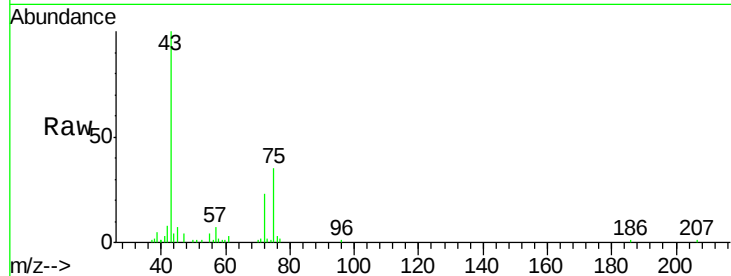
B2RE

Tot Ion: 43 Resp: 26873

Ion Ratio Lower Upper

43 100

72 23.2 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 50.041 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003883.D

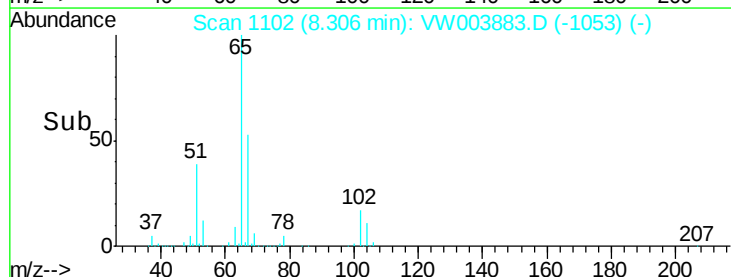
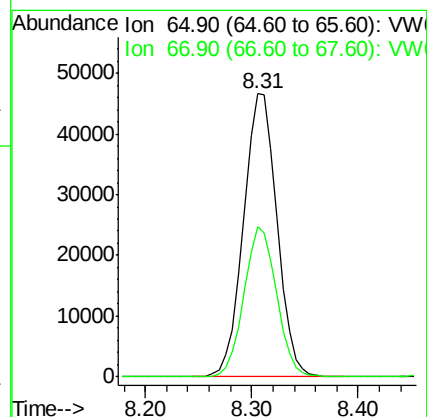
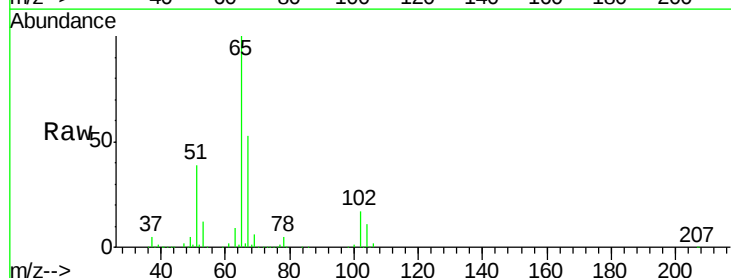
Acq: 12 Jul 2018 00:00

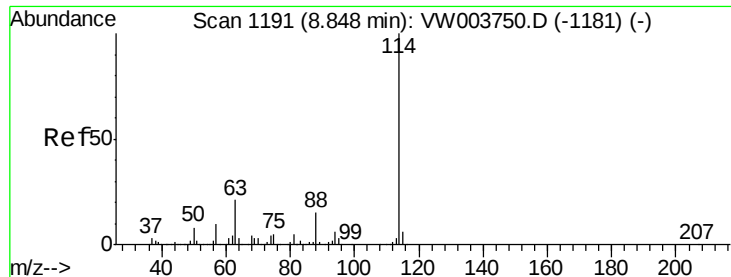
Tgt Ion: 65 Resp: 103004

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

Instrument :

MSVOA_W

ClientSampleId :

B2RE

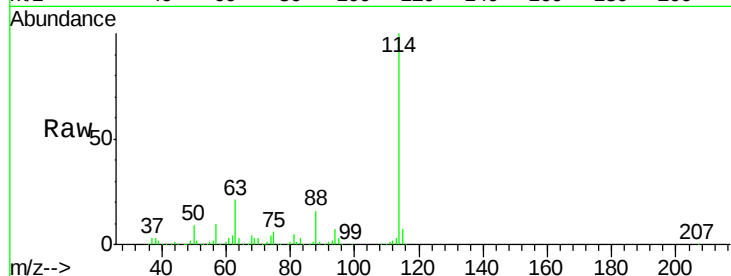
Tot Ion:114 Resp: 243990

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

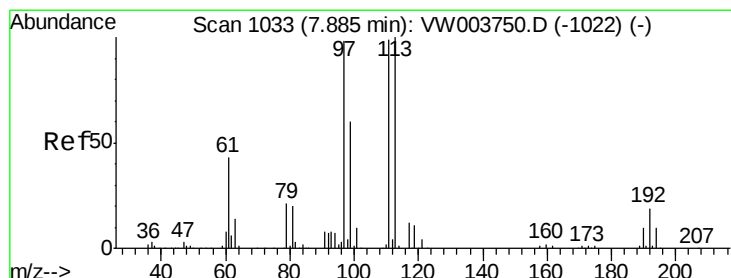
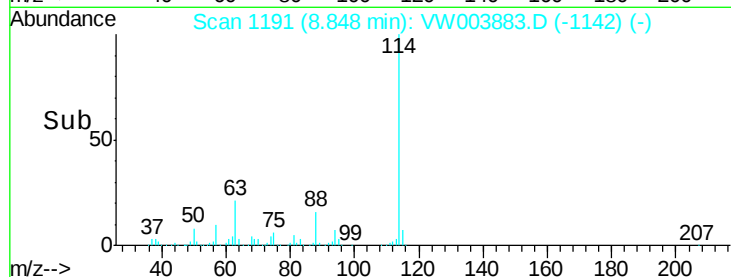
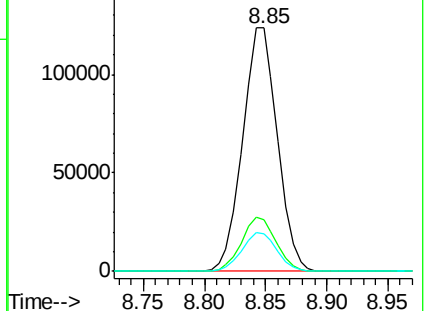
88 15.6 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 52.544 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

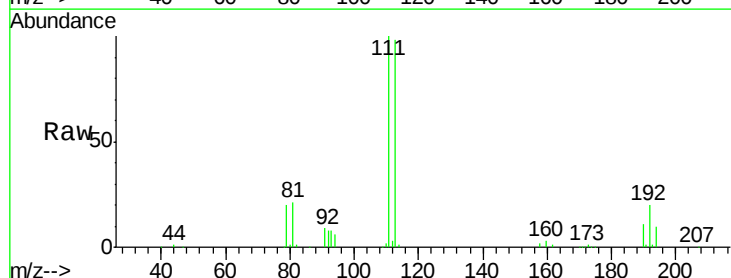
Tgt Ion:113 Resp: 89726

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

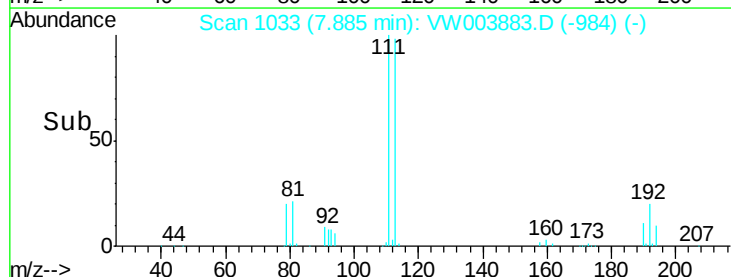
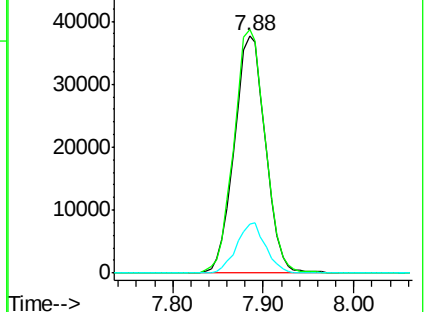
192 19.8 15.8 23.8

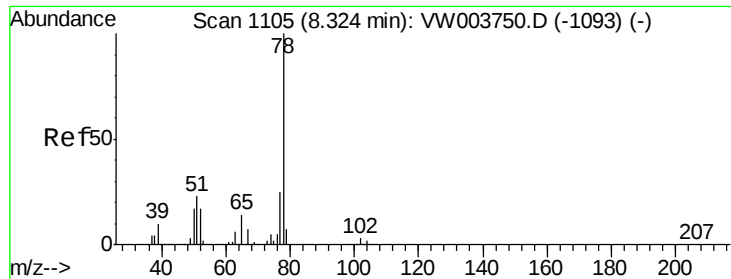


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.675 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

Instrument :

MSVOA_W

ClientSampled :

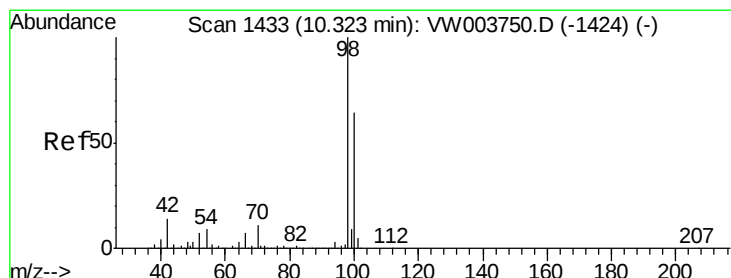
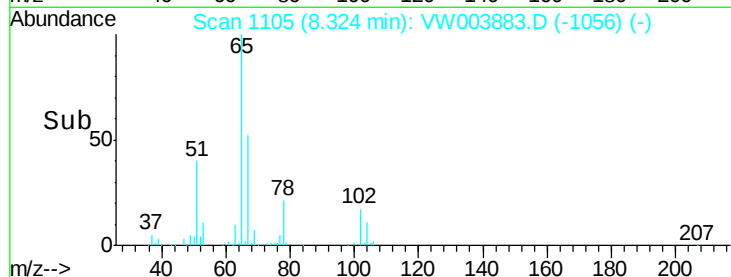
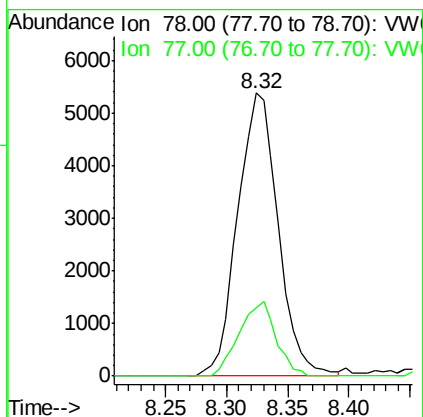
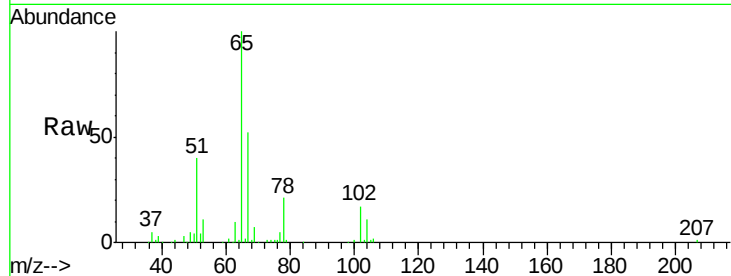
B2RE

Tot Ion: 78 Resp: 12398

Ion Ratio Lower Upper

78 100

77 24.2 19.7 29.5



#50

Toluene-d8

Concen: 40.966 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003883.D

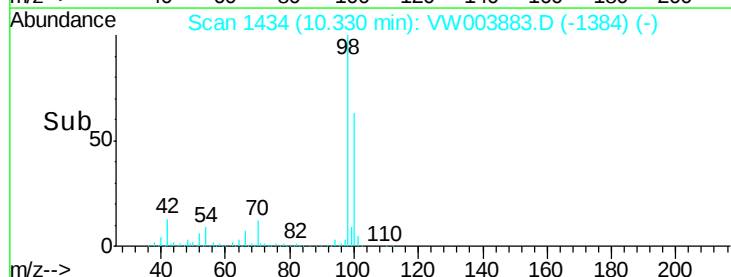
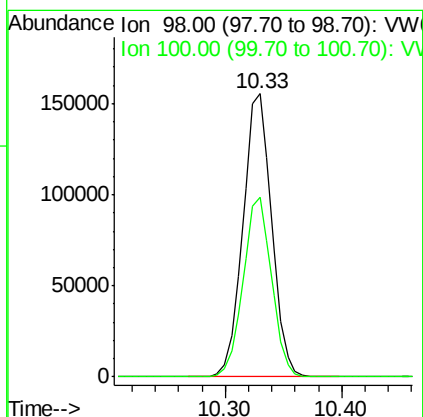
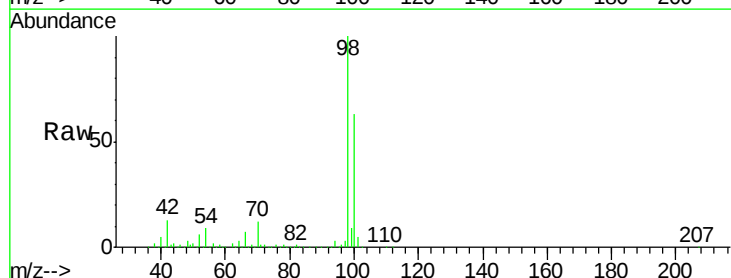
Acq: 12 Jul 2018 00:00

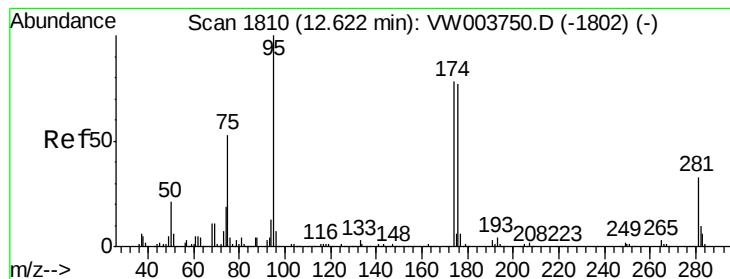
Tgt Ion: 98 Resp: 267596

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 18.347 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

Instrument :

MSVOA_W

ClientSampleId :

B2RE

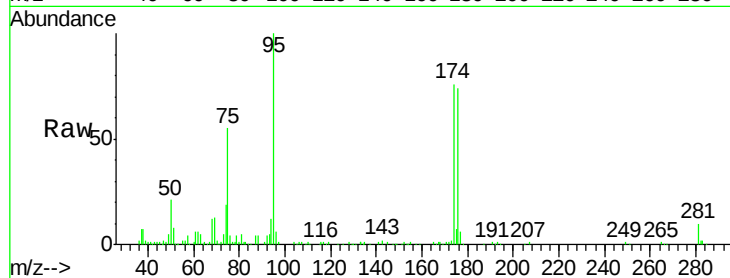
Tot Ion: 95 Resp: 43362

Ion Ratio Lower Upper

95 100

174 79.9 0.0 163.4

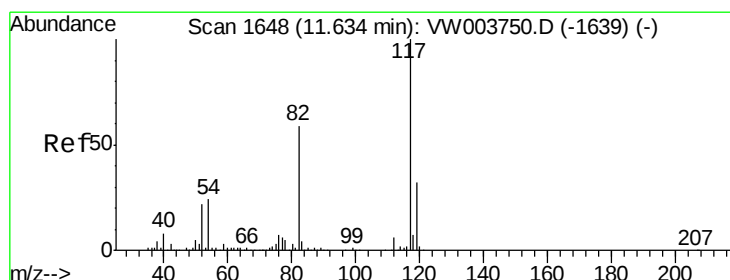
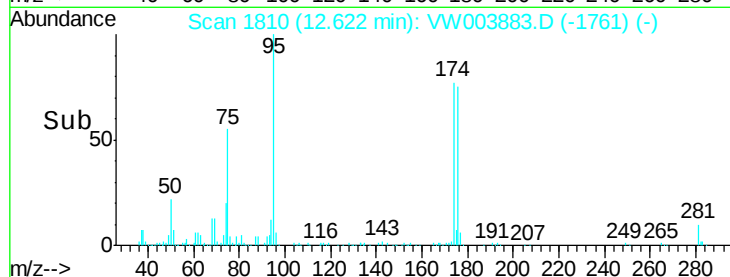
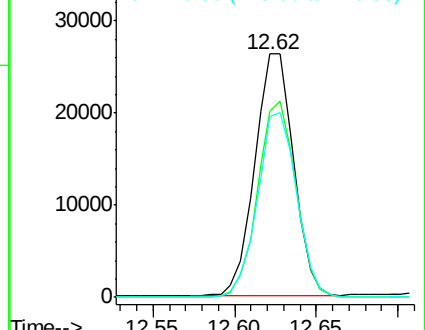
176 77.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

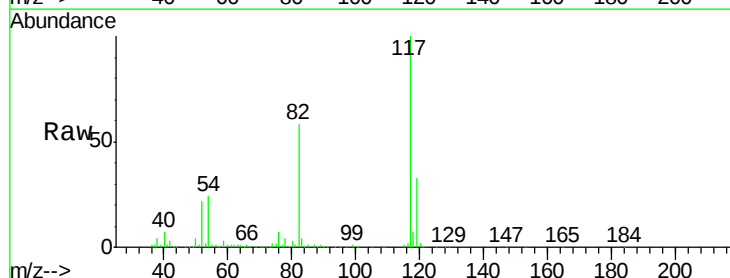
Tgt Ion: 117 Resp: 148567

Ion Ratio Lower Upper

117 100

82 57.5 46.9 70.3

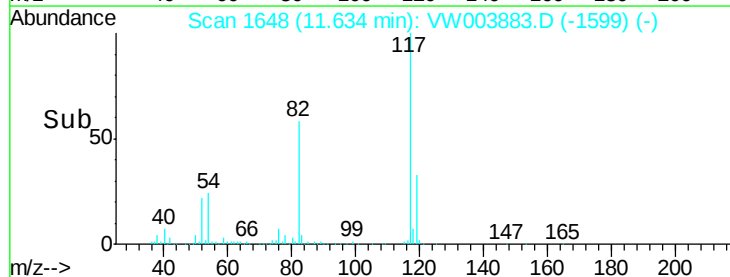
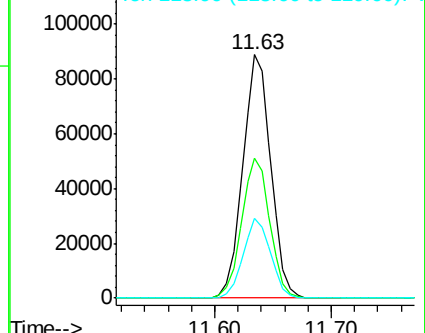
119 32.8 25.5 38.3

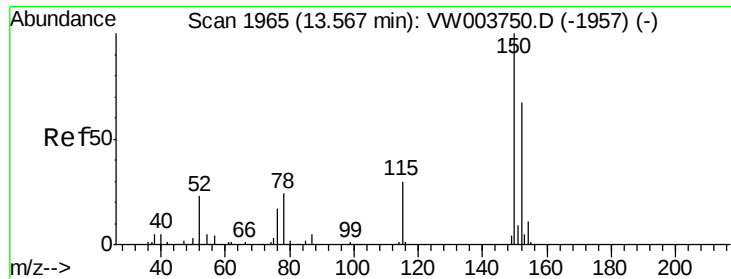


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003883.D

Acq: 12 Jul 2018 00:00

Instrument :

MSVOA_W

ClientSampleId :

B2RE

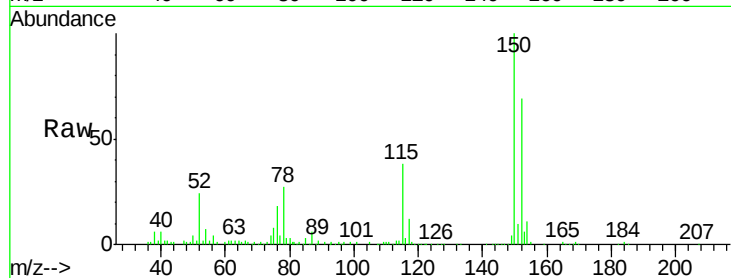
Tot Ion:152 Resp: 30475

Ion Ratio Lower Upper

152 100

115 58.8 28.9 86.8

150 154.5 0.0 342.4



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

