

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003865.D
 Acq On : 11 Jul 2018 10:50
 Operator : SY/AP
 Sample : J3832-01
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-071018

Quant Time: Jul 11 11:41:15 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

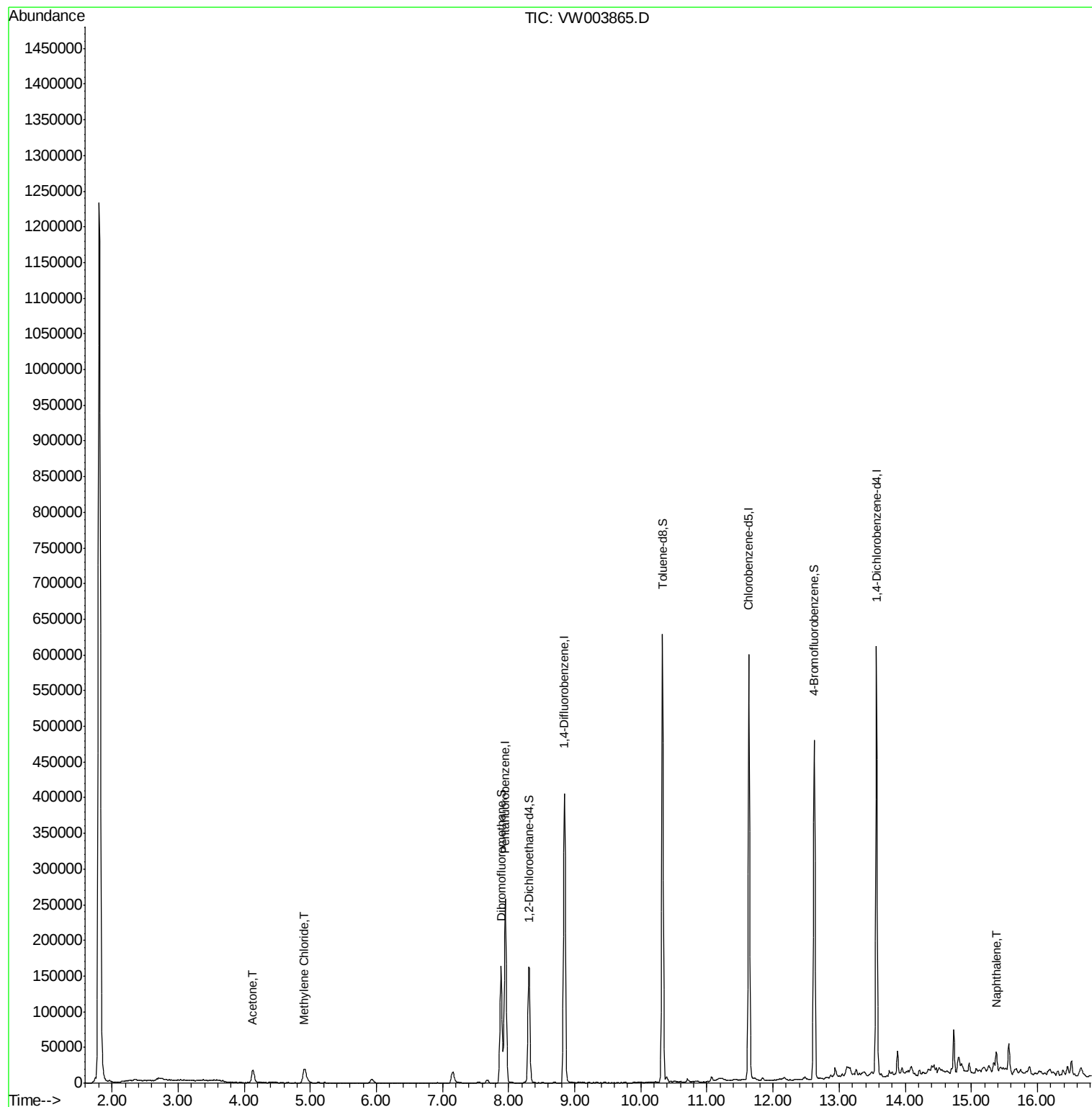
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132967	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	111811	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.33	98	406309	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
62) 4-Bromofluorobenzene	12.62	95	146014	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
16) Acetone	4.13	43	32359	76.82	ug/l	97
20) Methylene Chloride	4.92	84	17116	4.33	ug/l	96
95) Naphthalene	15.38	128	23302	4.19	ug/l #	94

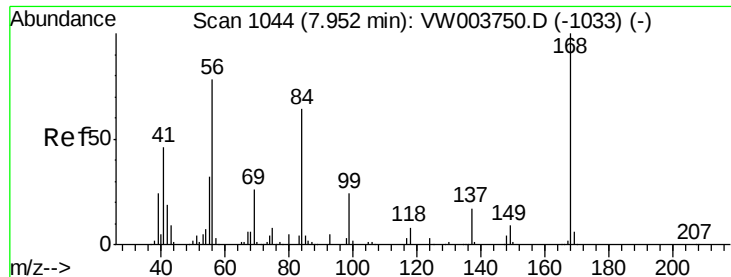
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

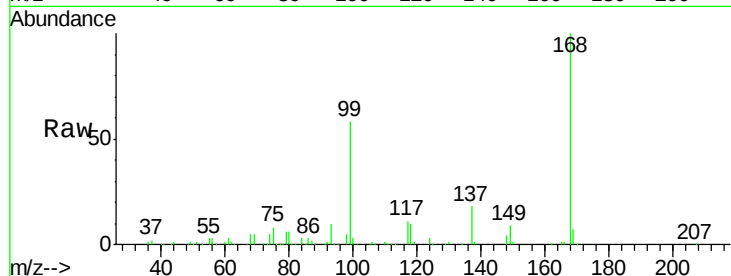
TR-05-071018

Tot Ion:168 Resp: 185653

Ion Ratio Lower Upper

168 100

99 57.9 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

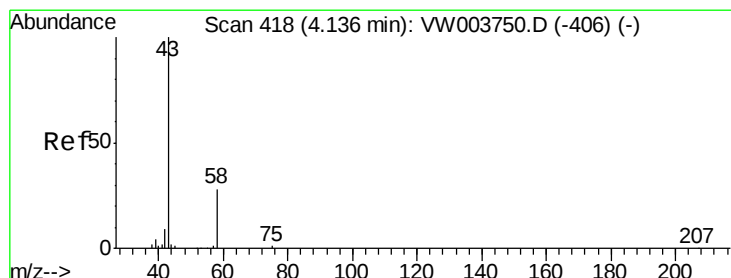
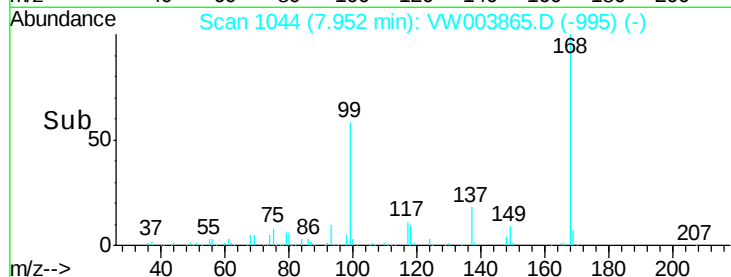
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 76.82 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003865.D

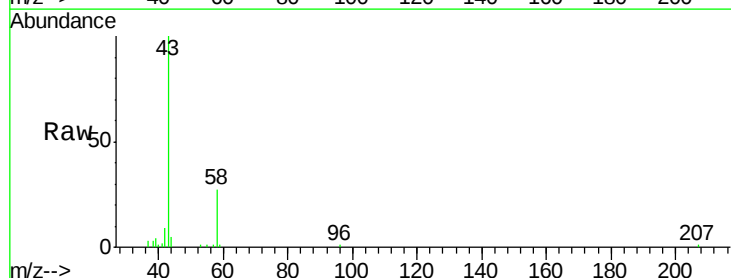
Acq: 11 Jul 2018 10:50

Tgt Ion: 43 Resp: 32359

Ion Ratio Lower Upper

43 100

58 26.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

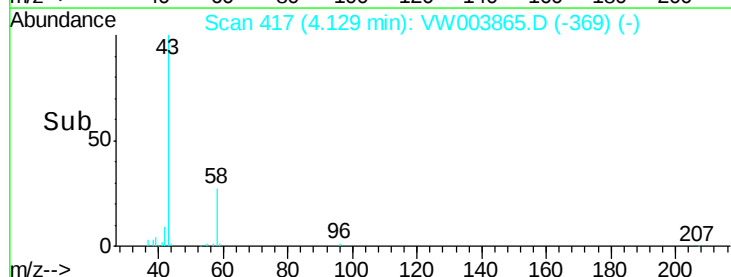
10000

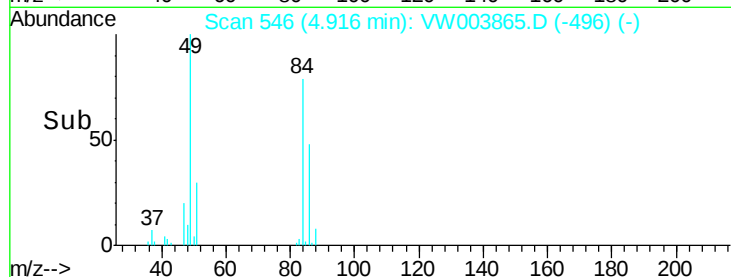
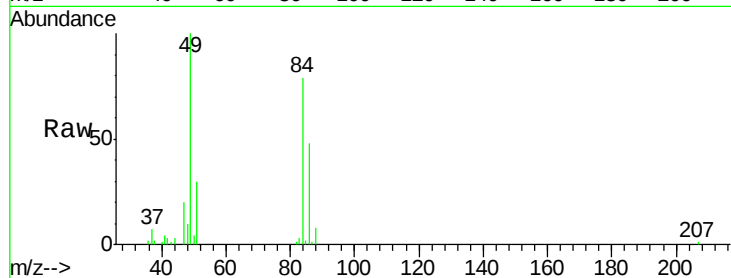
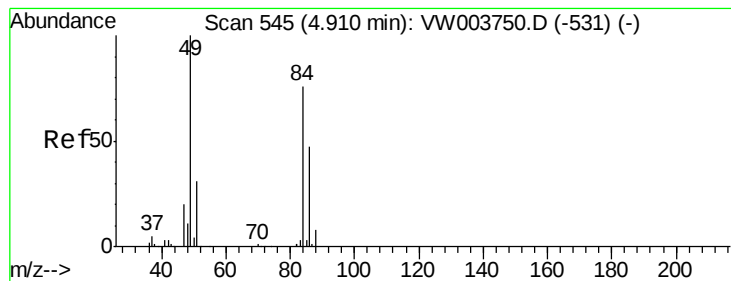
5000

0

4.00 4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 4.33 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

TR-05-071018

Tot Ion: 84 Resp: 17116

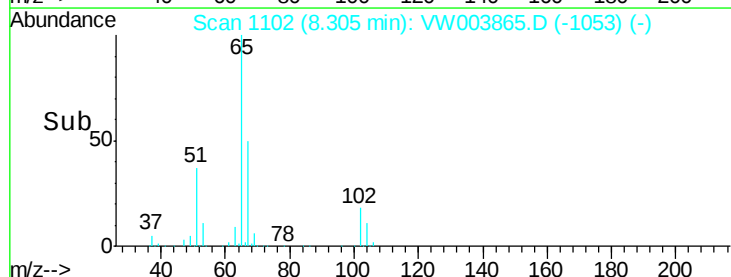
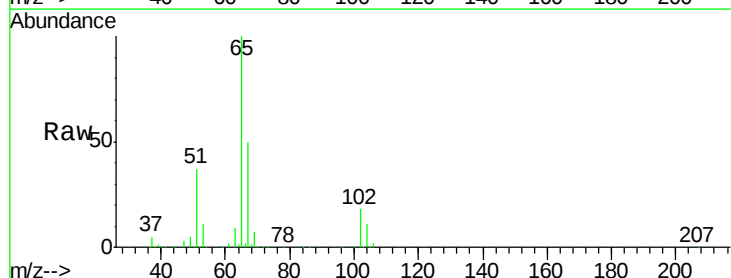
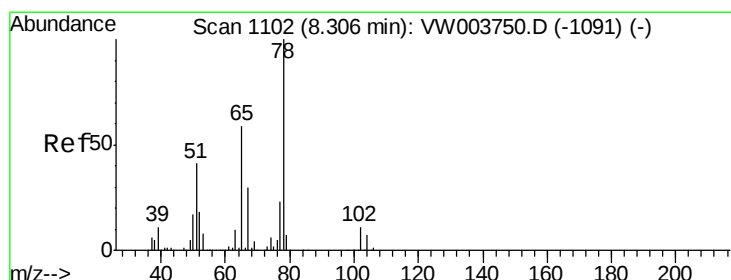
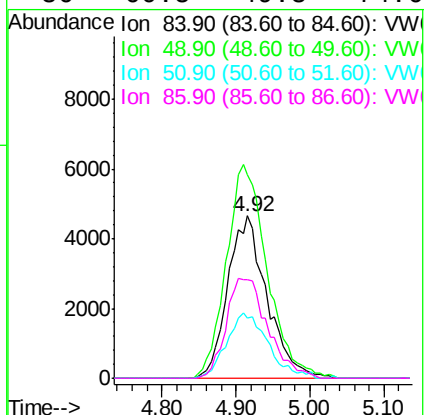
Ion Ratio Lower Upper

84 100

49 125.8 105.1 157.7

51 37.4 32.5 48.7

86 60.5 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 54.77 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003865.D

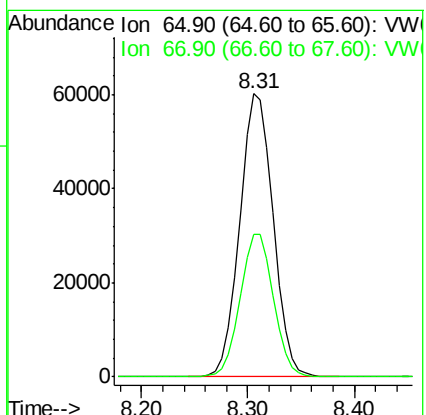
Acq: 11 Jul 2018 10:50

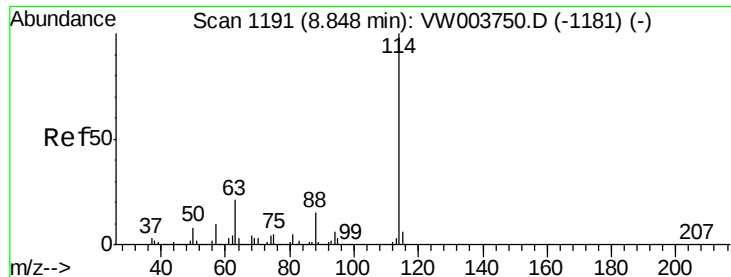
Tgt Ion: 65 Resp: 132967

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

TR-05-071018

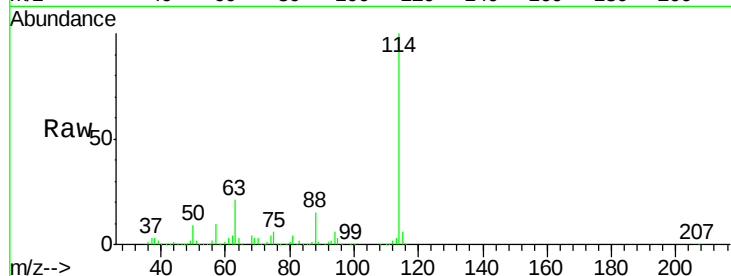
Tot Ion:114 Resp: 327227

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

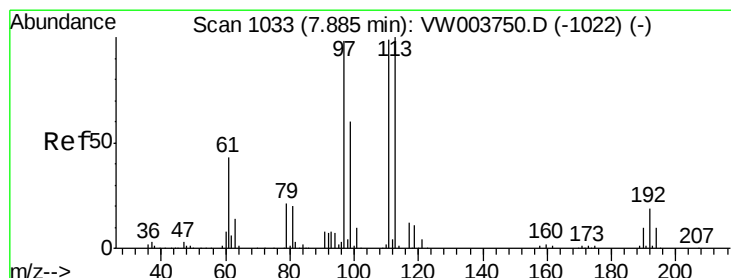
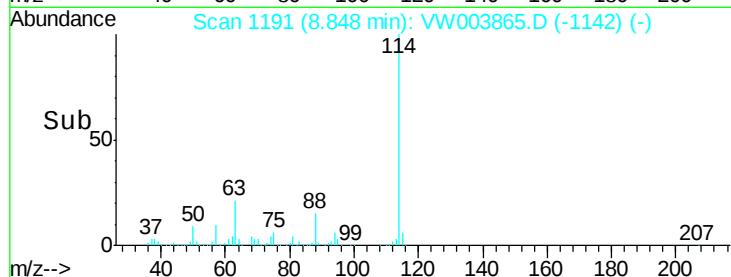
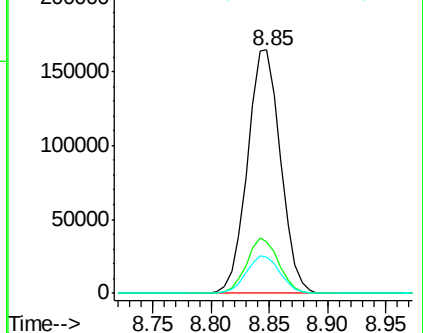
88 15.0 0.0 30.2



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: 48.82 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

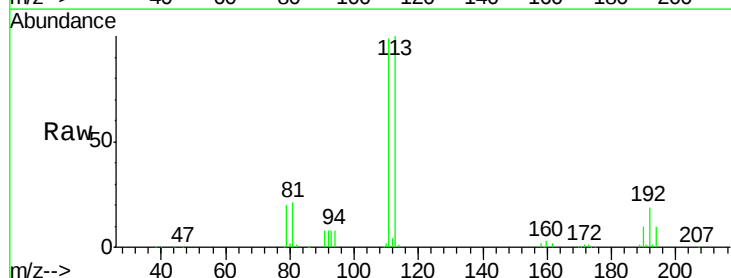
Tgt Ion:113 Resp: 111811

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

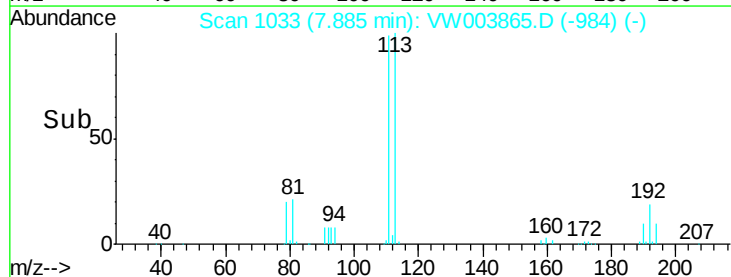
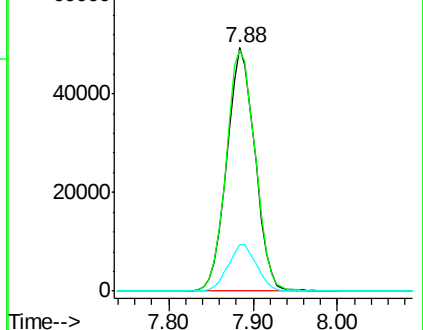
192 19.4 15.8 23.8

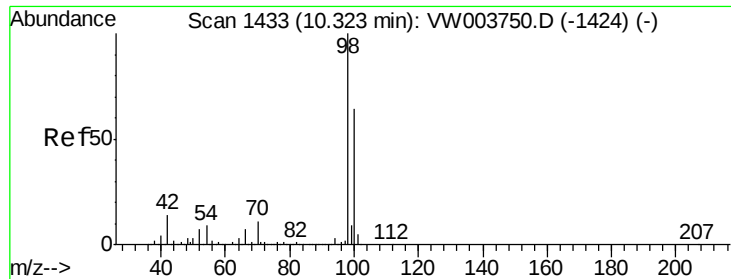


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.38 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

Instrument :

MSVOA_W

ClientSampled :

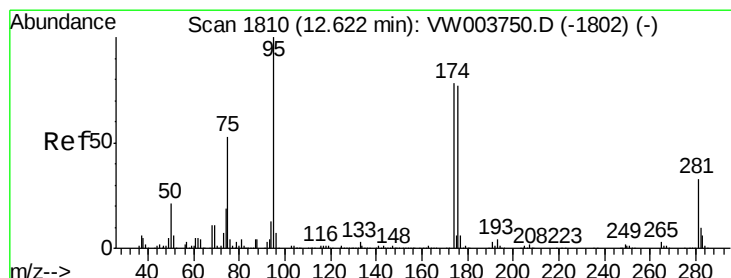
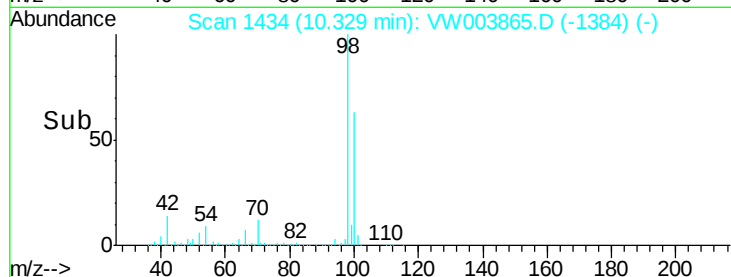
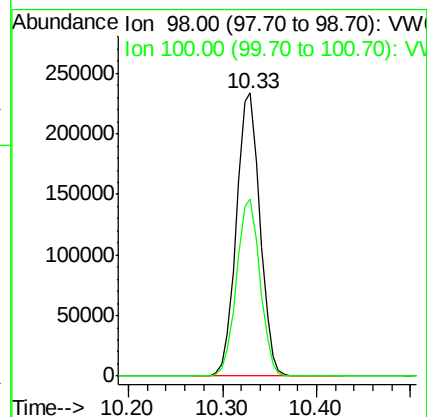
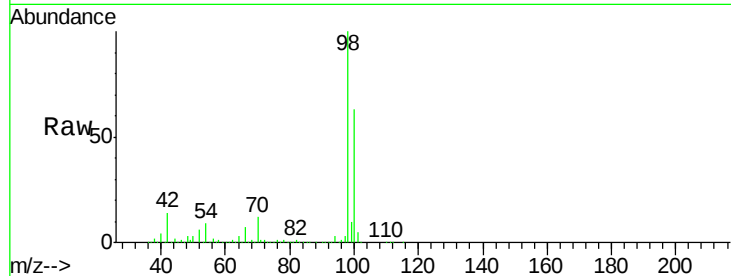
TR-05-071018

Tot Ion: 98 Resp: 406309

Ion Ratio Lower Upper

98 100

100 62.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 46.07 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

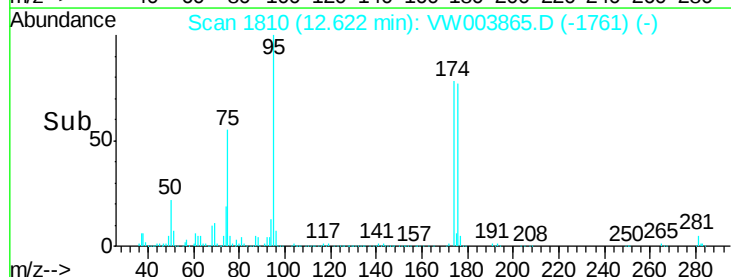
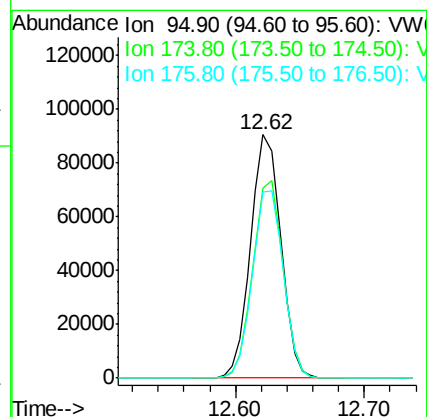
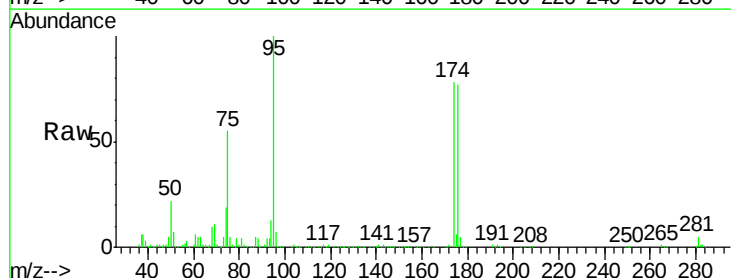
Tgt Ion: 95 Resp: 146014

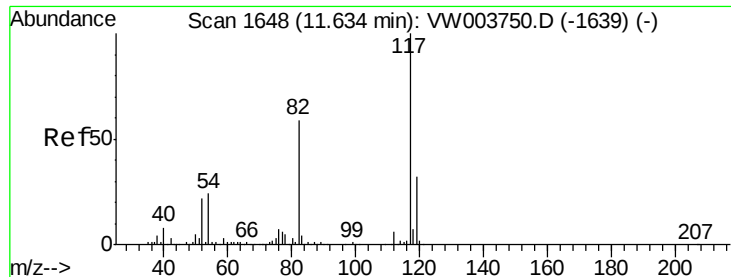
Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.4

176 78.8 0.0 156.8

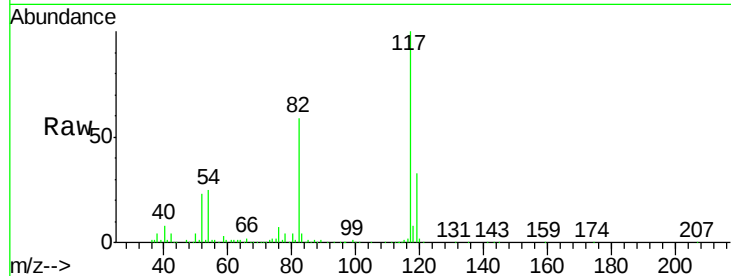




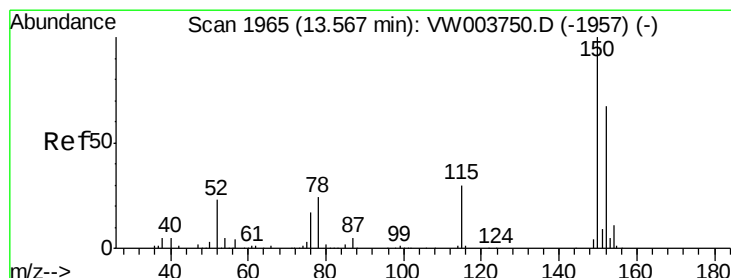
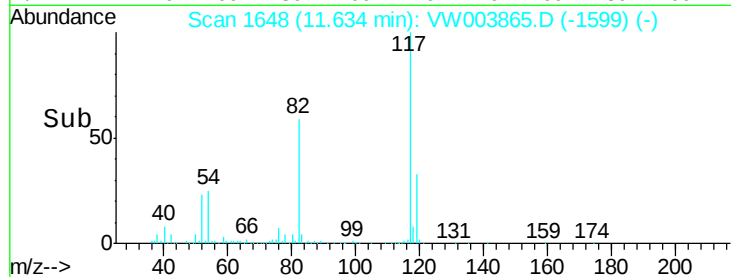
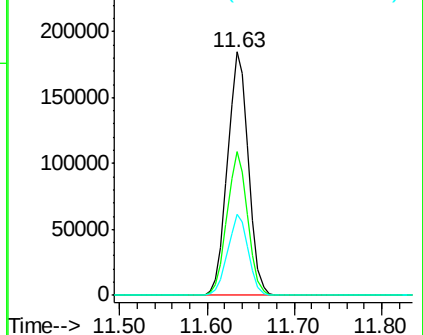
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003865.D
Acq: 11 Jul 2018 10:50

Instrument :
MSVOA_W
ClientSampleId :
TR-05-071018

Tot Ion:117 Resp: 305072
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 33.1 25.5 38.3

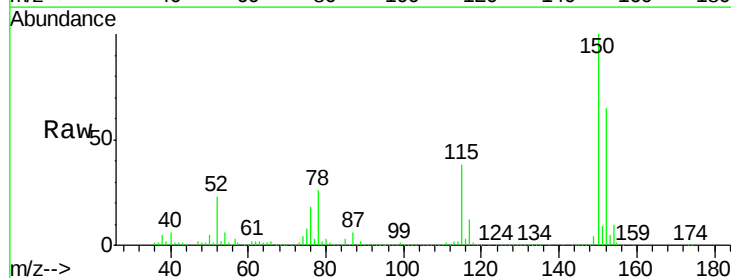


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

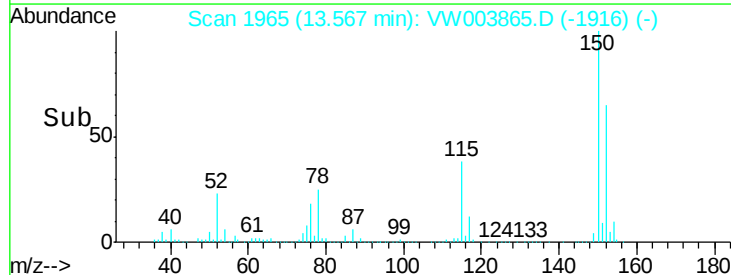
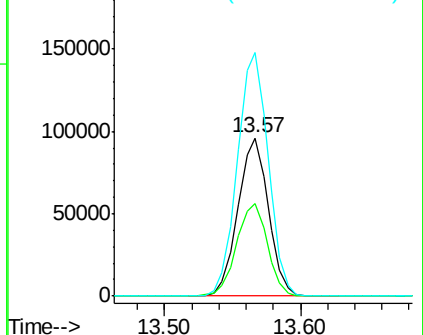


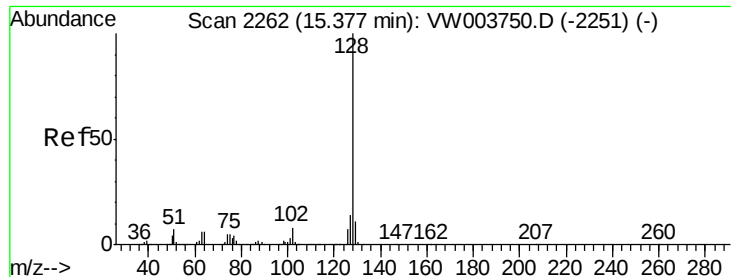
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003865.D
Acq: 11 Jul 2018 10:50

Tgt Ion:152 Resp: 149979
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 156.1 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





#95

Naphthalene

Concen: 4.19 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003865.D

Acq: 11 Jul 2018 10:50

Instrument :

MSVOA_W

ClientSampleId :

TR-05-071018

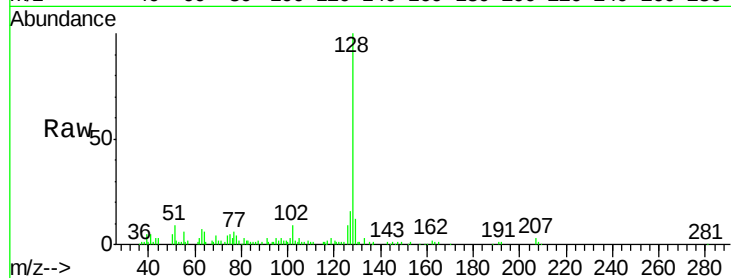
Tot Ion:128 Resp: 23302

Ion Ratio Lower Upper

128 100

127 17.2 10.8 16.2#

129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

