

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003720.D
 Acq On : 05 Jul 2018 14:51
 Operator : SY/AP
 Sample : J3774-09
 Misc : 5.48G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(4-6)

Quant Time: Jul 06 03:56:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

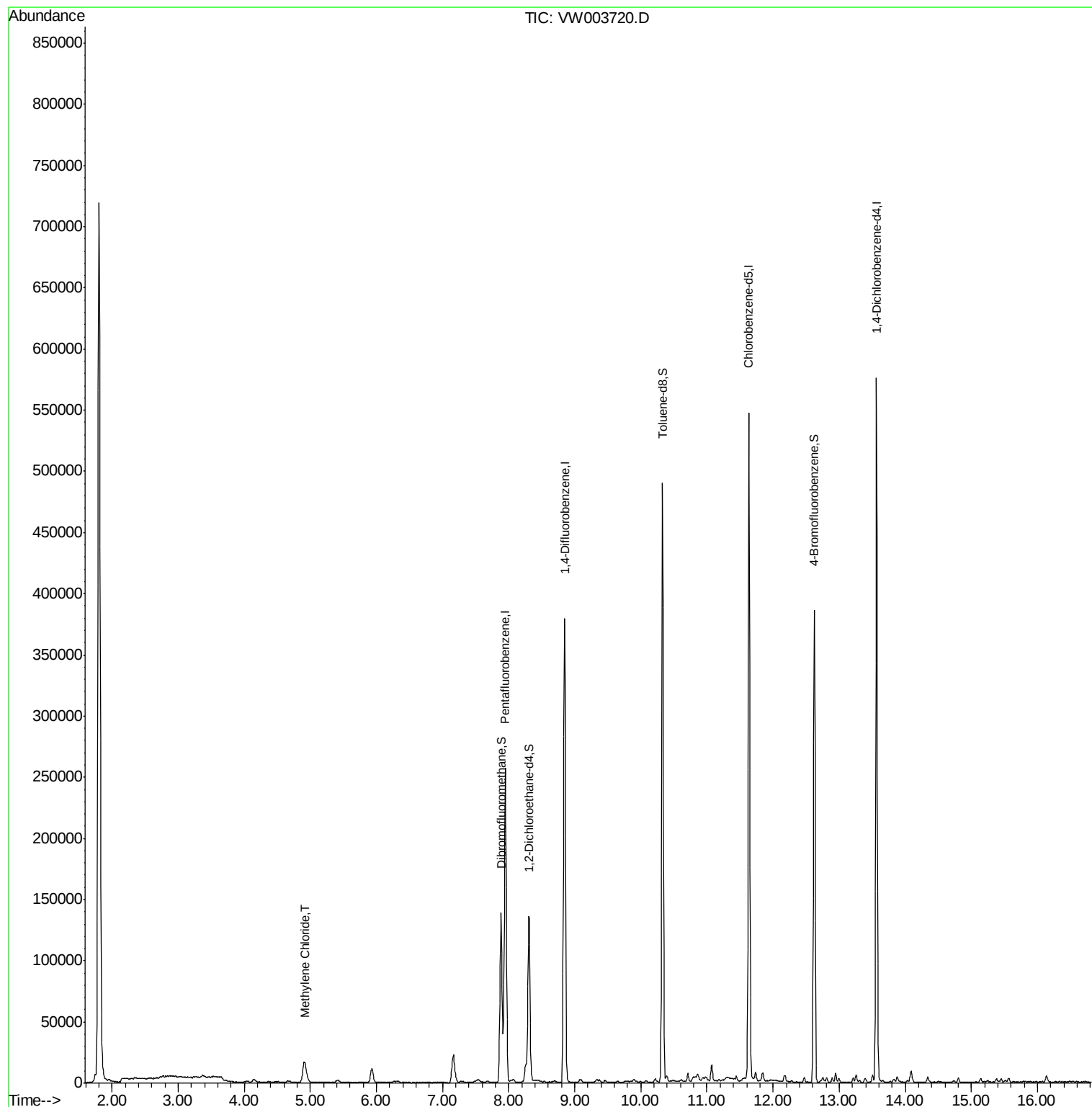
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	301825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	142757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108388	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	94367	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	10.33	98	313716	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.20%	
62) 4-Bromofluorobenzene	12.63	95	113908	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
Target Compounds						
20) Methylene Chloride	4.92	84	15403	4.765	ug/l	Qvalue 97

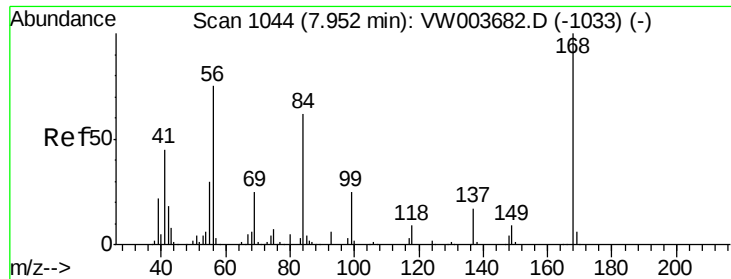
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 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: VW003720.D

Acq: 05 Jul 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

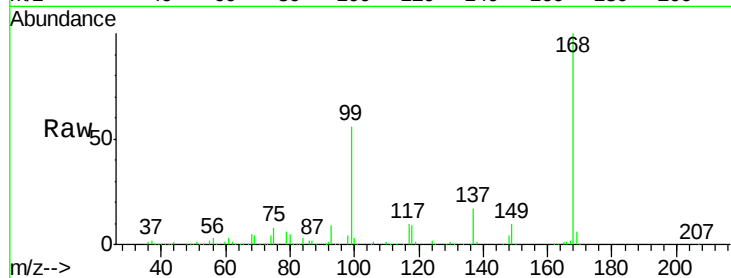
SB-3(4-6)

Tot Ion:168 Resp: 181509

Ion Ratio Lower Upper

168 100

99 56.3 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

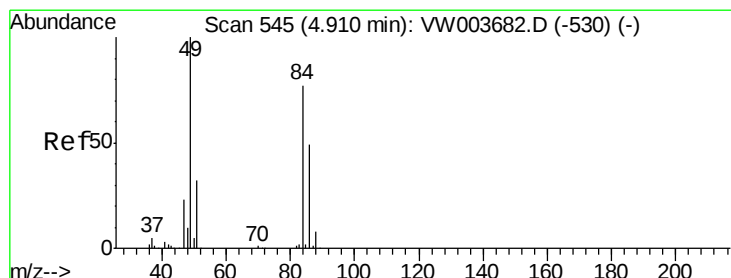
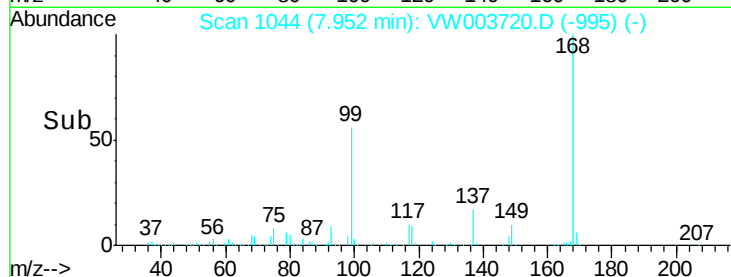
40000

20000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 4.765 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003720.D

Acq: 05 Jul 2018 14:51

Tgt Ion: 84 Resp: 15403

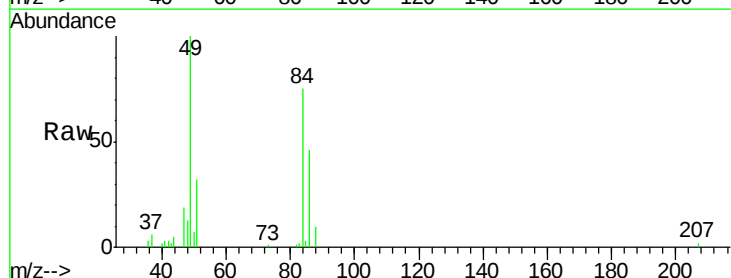
Ion Ratio Lower Upper

84 100

49 133.0 104.6 156.8

51 42.8 33.2 49.8

86 60.6 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

6000

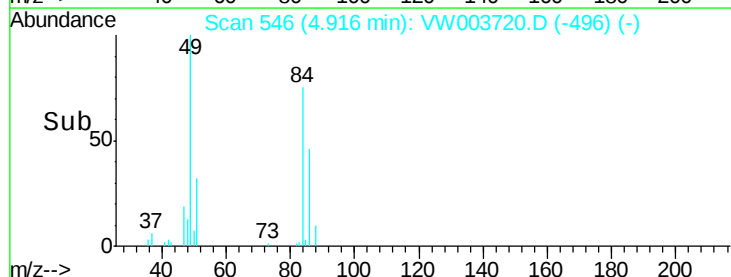
4000

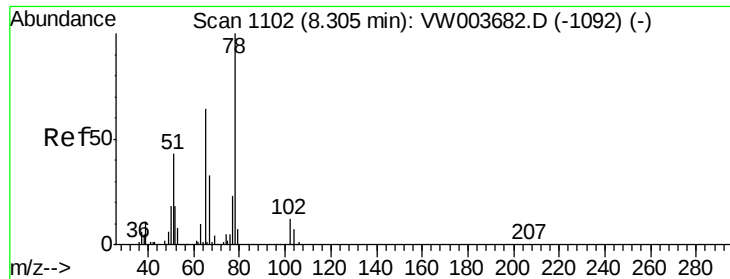
2000

0

Time-->

4.80 4.90 5.00 5.10

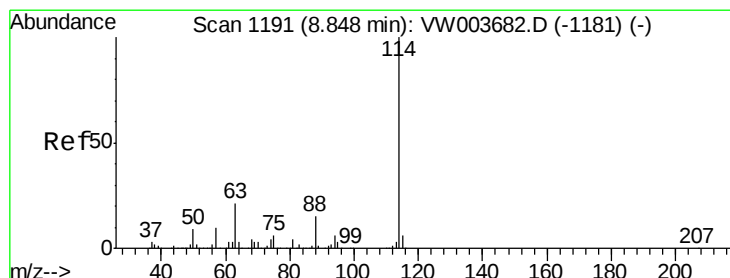
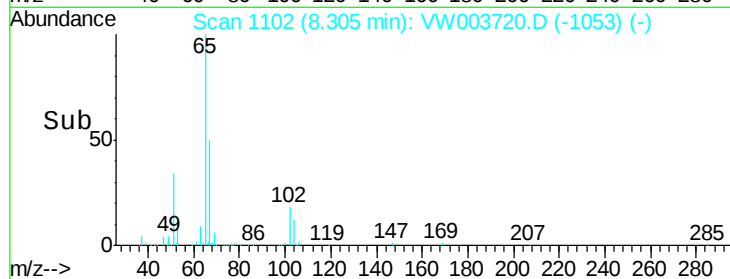
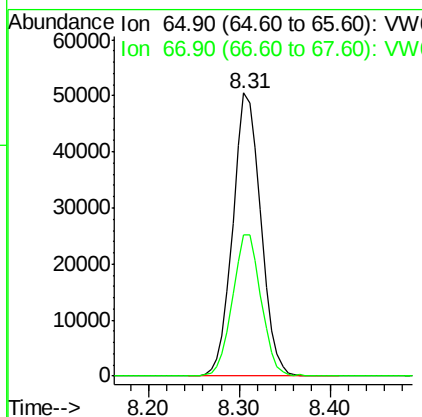
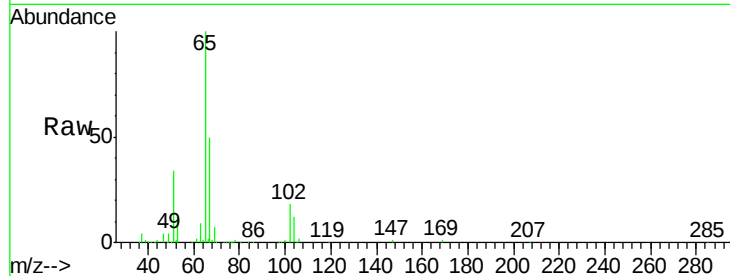




#33
 1,2-Dichloroethane-d4
 Concen: 50.088 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003720.D
 Acq: 05 Jul 2018 14:51

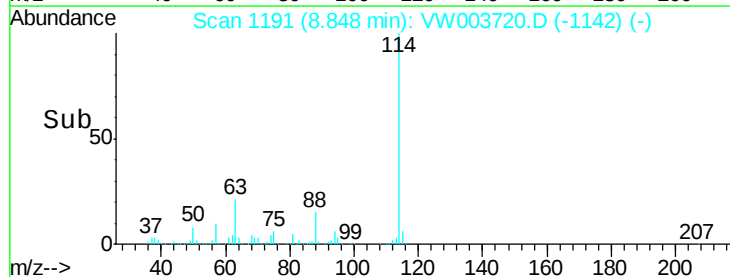
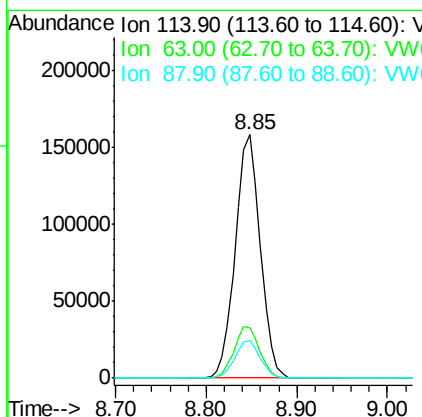
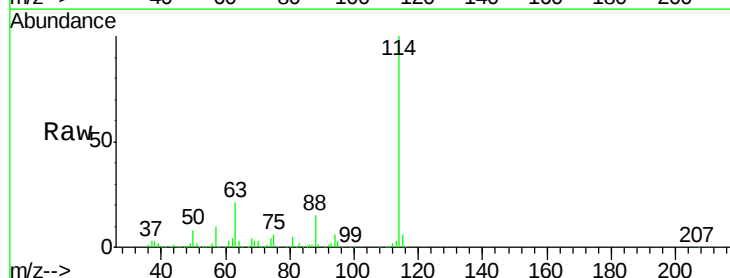
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(4-6)

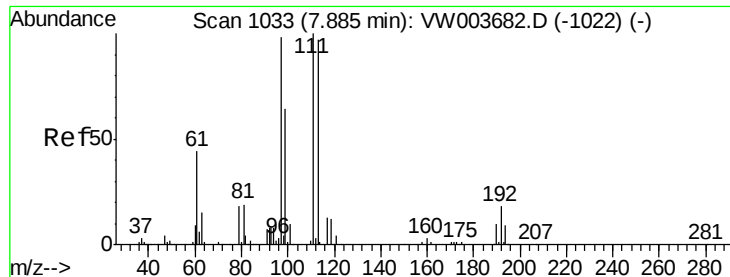
Tot Ion: 65 Resp: 108388
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003720.D
 Acq: 05 Jul 2018 14:51

Tgt Ion: 114 Resp: 301825
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.938 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003720.D

Acq: 05 Jul 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

SB-3(4-6)

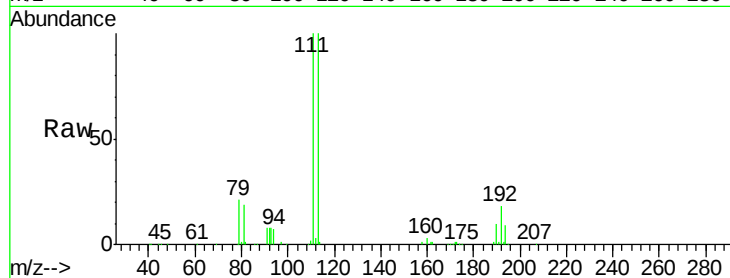
Tot Ion:113 Resp: 94367

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

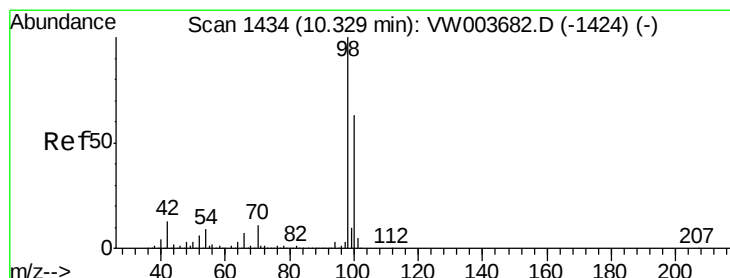
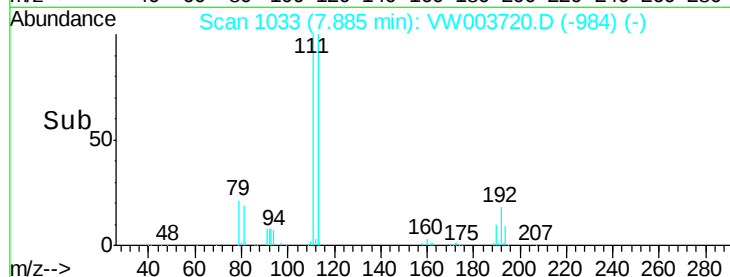
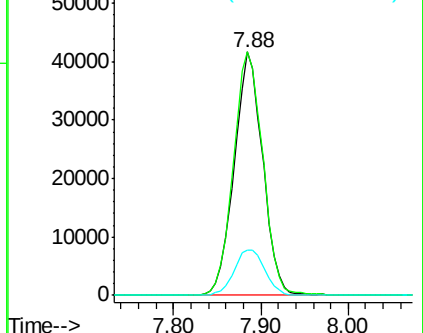
192 20.1 15.8 23.6



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: 40.596 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003720.D

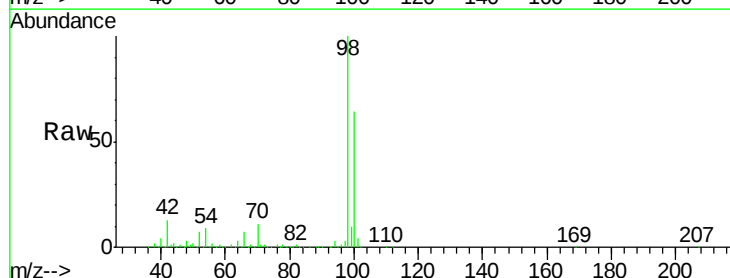
Acq: 05 Jul 2018 14:51

Tgt Ion: 98 Resp: 313716

Ion Ratio Lower Upper

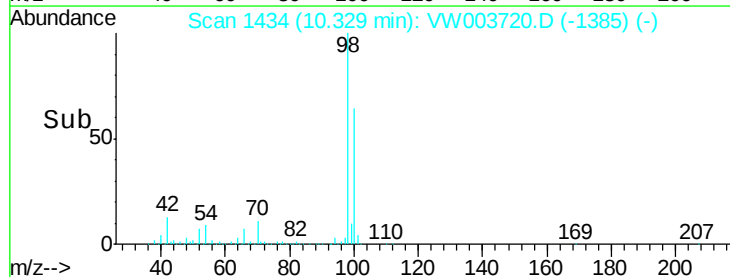
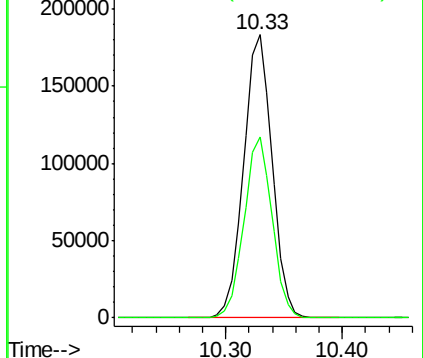
98 100

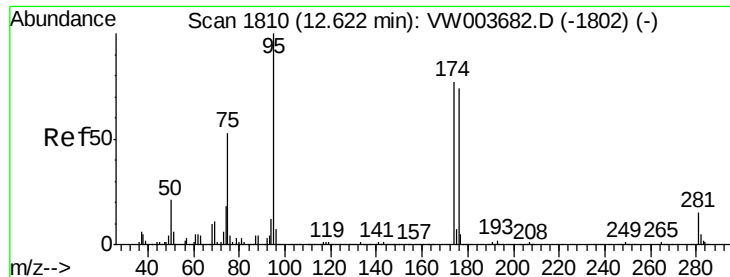
100 62.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.029 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003720.D

Acq: 05 Jul 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

SB-3(4-6)

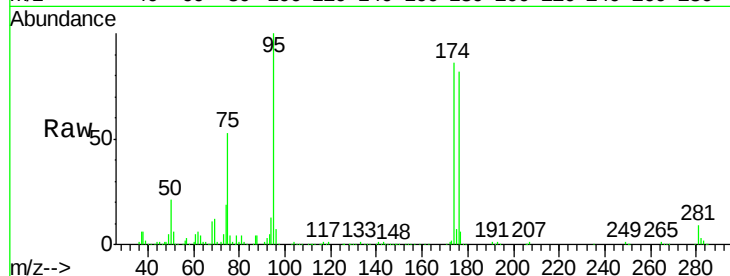
Tot Ion: 95 Resp: 113908

Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.2

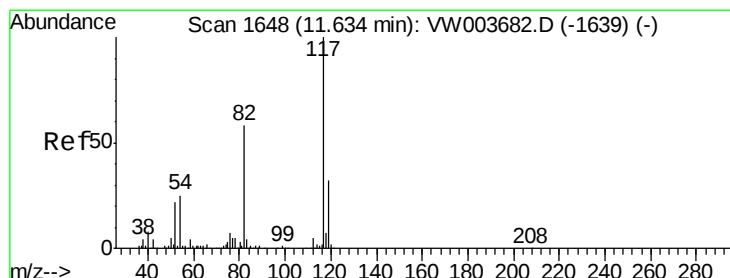
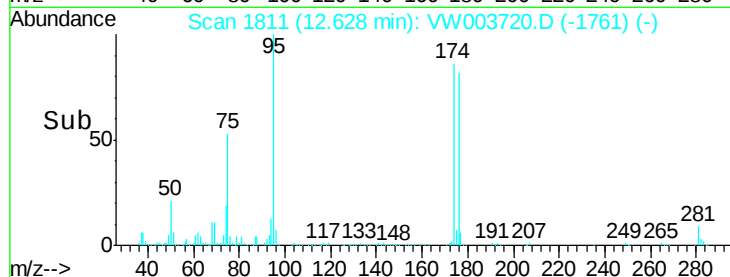
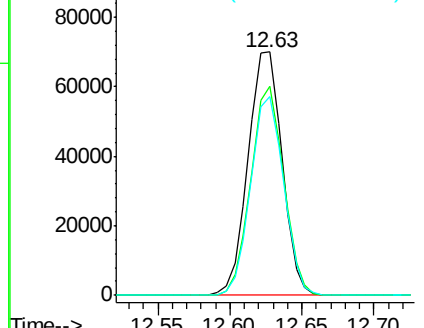
176 79.4 0.0 155.0



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: VW003720.D

Acq: 05 Jul 2018 14:51

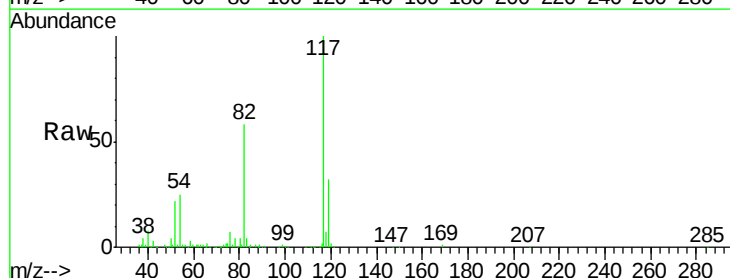
Tgt Ion: 117 Resp: 285857

Ion Ratio Lower Upper

117 100

82 57.8 46.0 69.0

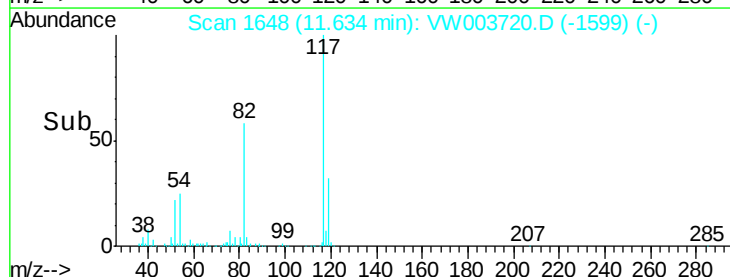
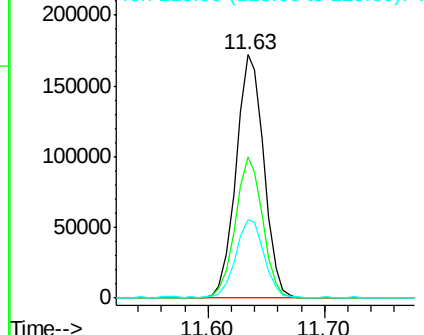
119 31.9 25.4 38.0

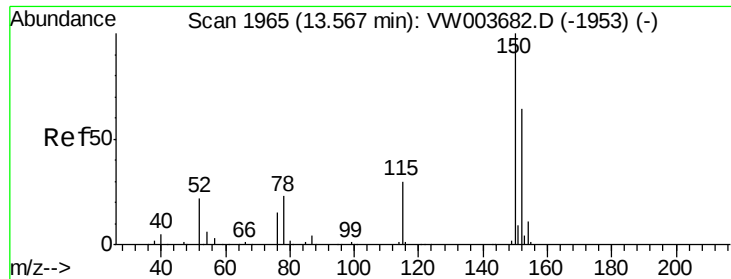


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003720.D

Acq: 05 Jul 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

SB-3(4-6)

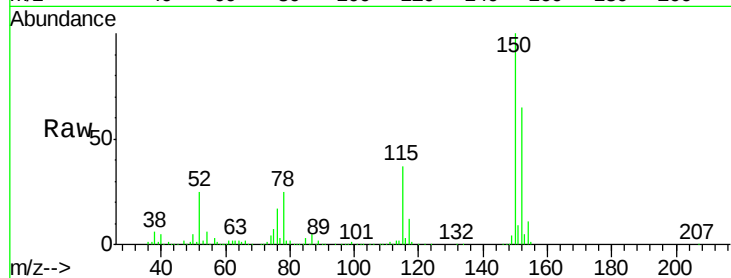
Tot Ion:152 Resp: 142757

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

150 156.7 0.0 352.0



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

