

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004024.D
 Acq On : 18 Jul 2018 10:21
 Operator : VA/AP
 Sample : J4012-01
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-RT-4917

Quant Time: Jul 18 11:11:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

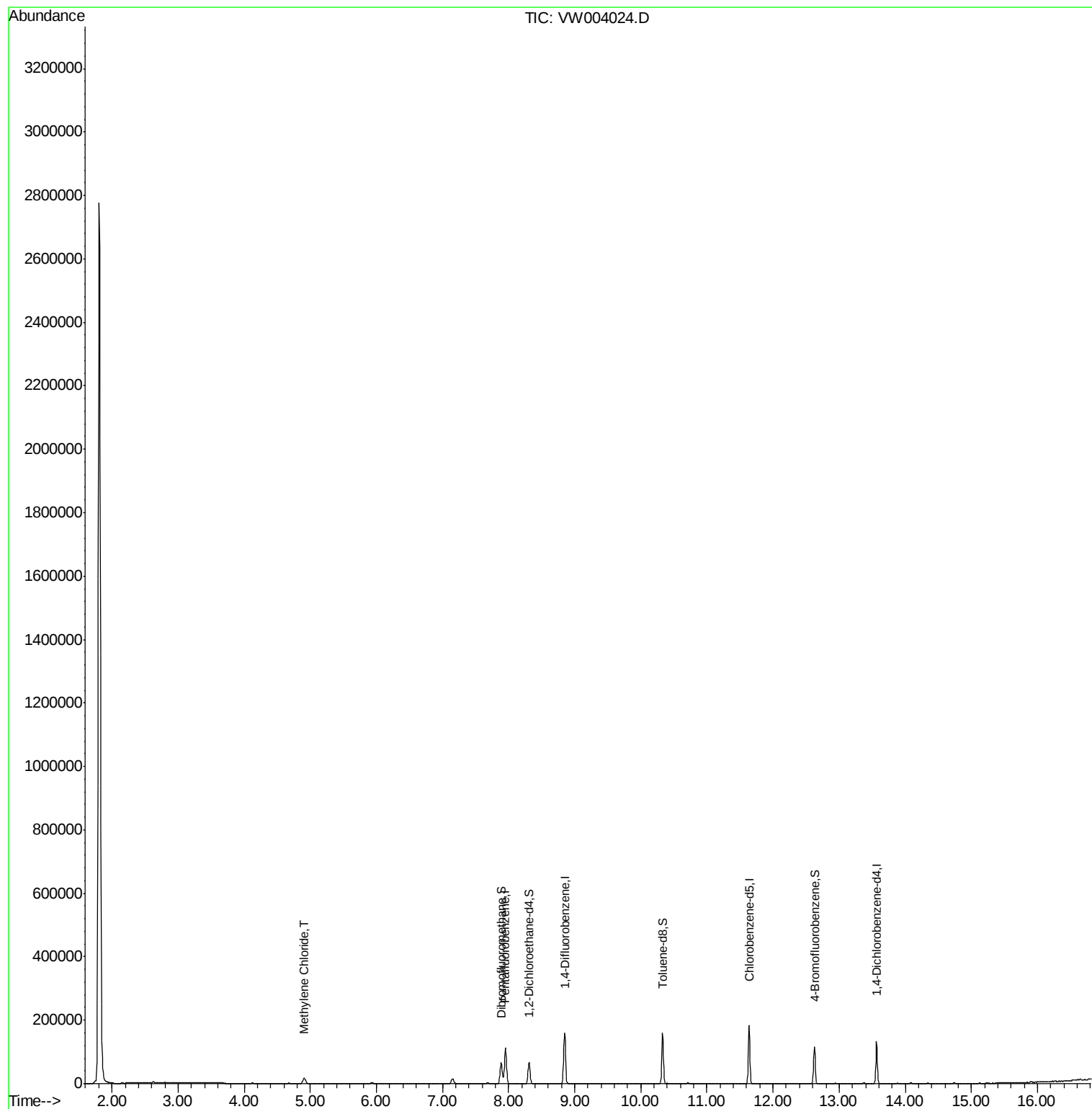
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	128116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	100180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54307	60.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.26%	
35) Dibromofluoromethane	7.88	113	47561	57.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.72%	
50) Toluene-d8	10.33	98	102857	32.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.50%	
62) 4-Bromofluorobenzene	12.63	95	35167	30.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.14%	
Target Compounds						
20) Methylene Chloride	4.91	84	11285	4.76	ug/l	Qvalue 98

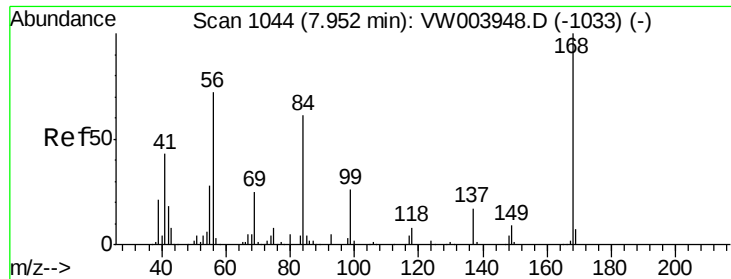
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW004024.D
Acq On : 18 Jul 2018 10:21
Operator : VA/AP
Sample : J4012-01
Misc : 6.08G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FS-RT-4917

Quant Time: Jul 18 11:11:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004024.D

Acq: 18 Jul 2018 10:21

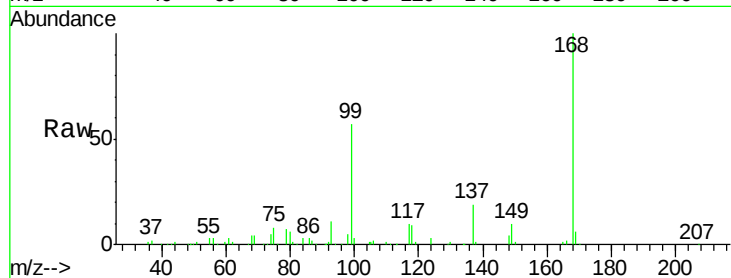
Instrument :
MSVOA_W
ClientSampleId :
FS-RT-4917

Tot Ion:168 Resp: 80134

Ion Ratio Lower Upper

168 100

99 57.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

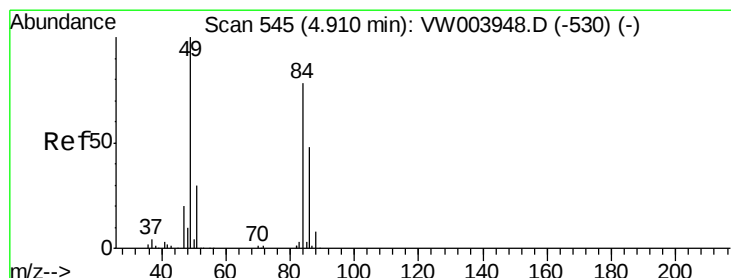
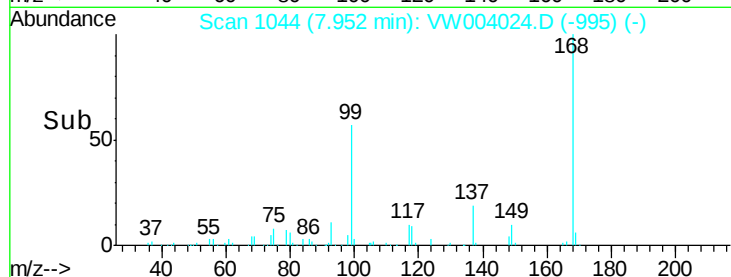
10000

0

Time-->

7.90

8.00



#20

Methylene Chloride

Concen: 4.76 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

Tgt Ion: 84 Resp: 11285

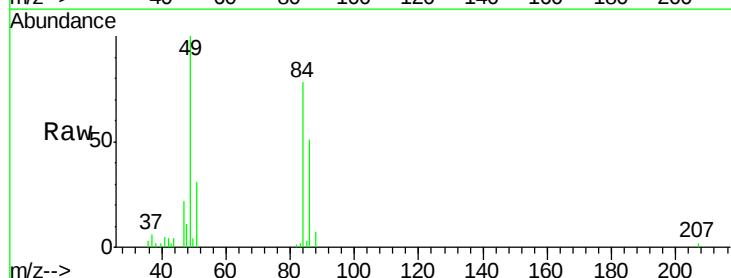
Ion Ratio Lower Upper

84 100

49 127.8 102.9 154.3

51 40.2 30.9 46.3

86 65.7 49.9 74.9



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

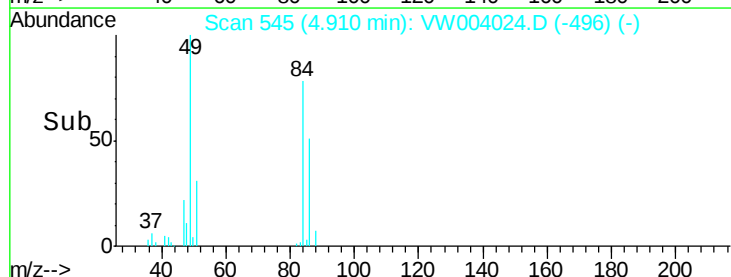
0

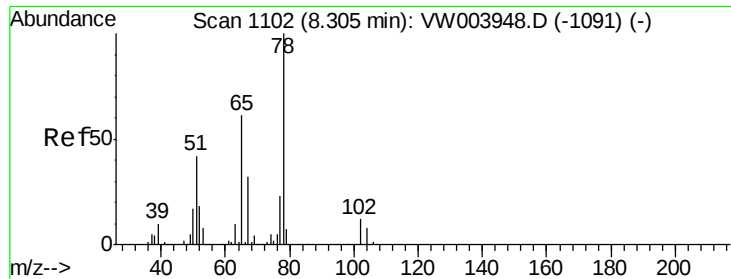
Time-->

4.80

4.90

5.00





#33

1,2-Dichloroethane-d4

Concen: 60.63 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

Instrument :

MSVOA_W

ClientSampleId :

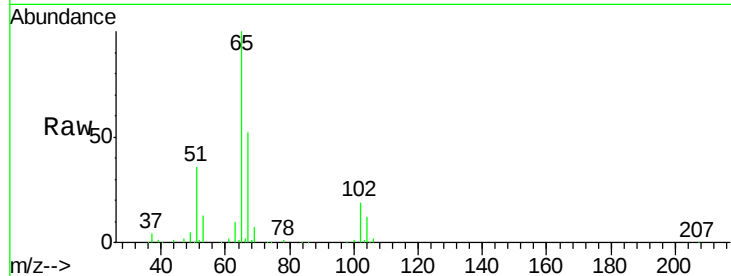
FS-RT-4917

Tot Ion: 65 Resp: 54307

Ion Ratio Lower Upper

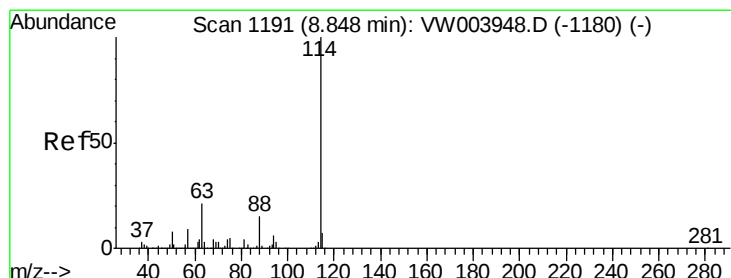
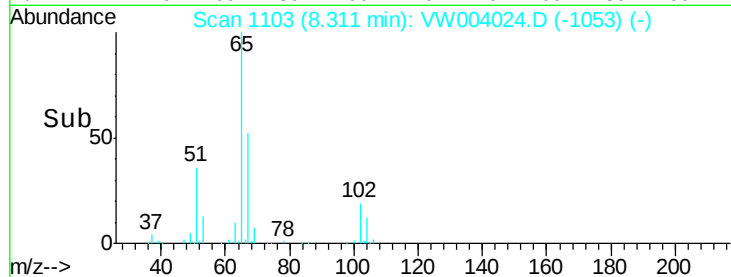
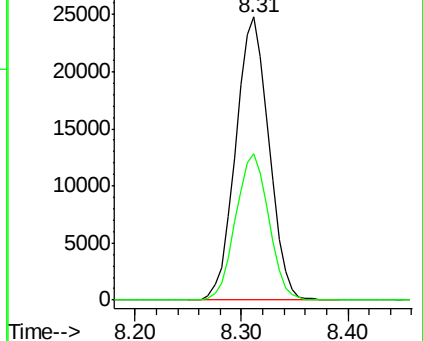
65 100

67 51.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

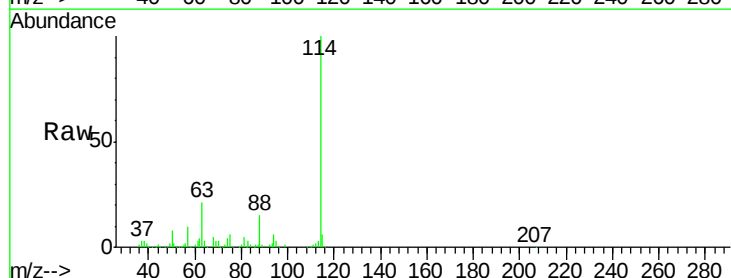
Tgt Ion: 114 Resp: 128116

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

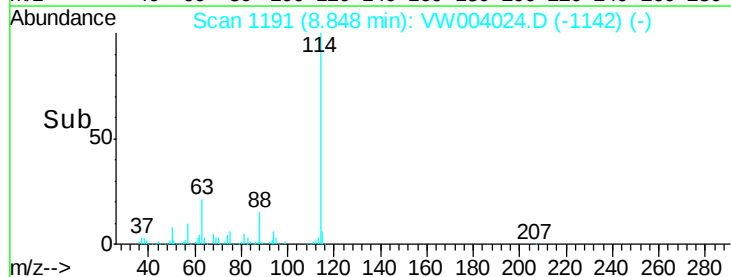
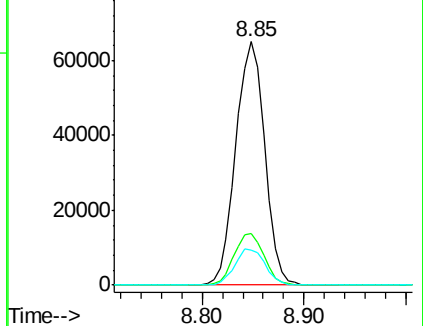
88 14.5 0.0 30.4

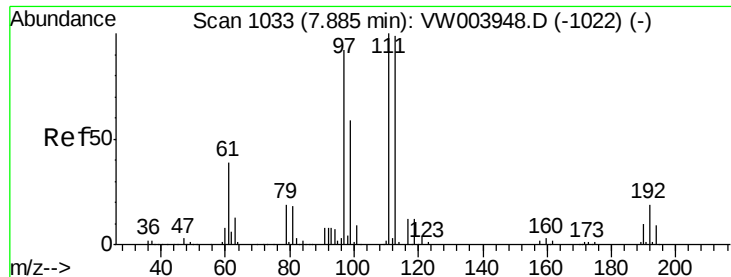


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 57.86 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

Instrument :

MSVOA_W

ClientSampleId :

FS-RT-4917

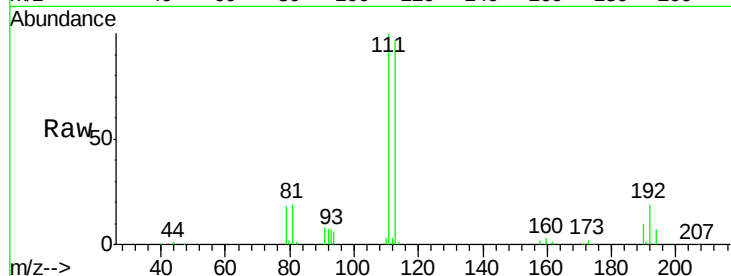
Tot Ion:113 Resp: 47561

Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

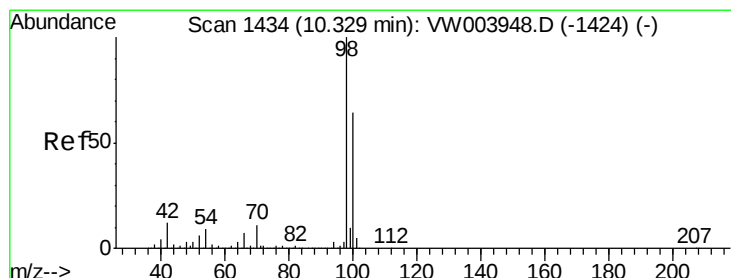
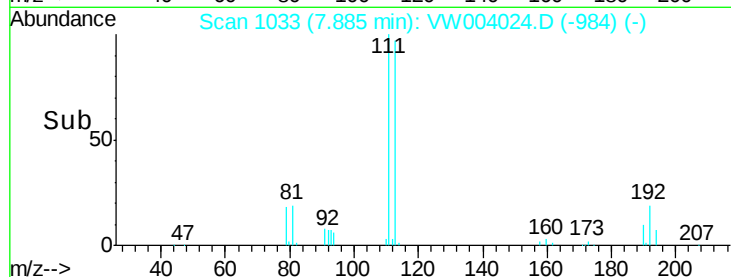
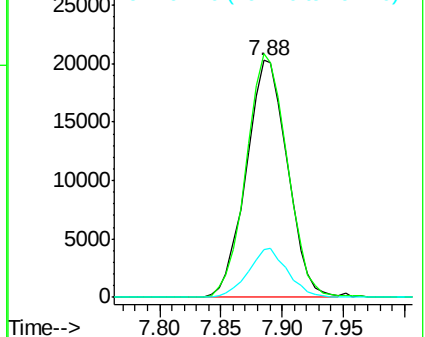
192 19.5 15.8 23.6



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: 32.25 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004024.D

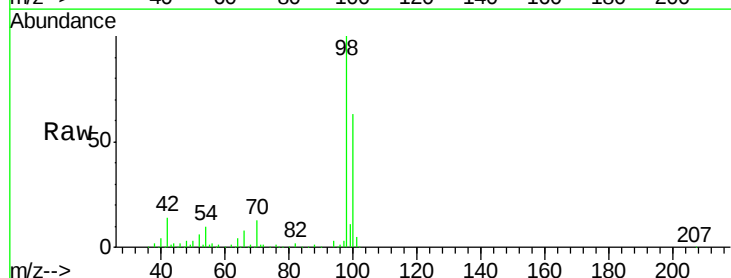
Acq: 18 Jul 2018 10:21

Tgt Ion: 98 Resp: 102857

Ion Ratio Lower Upper

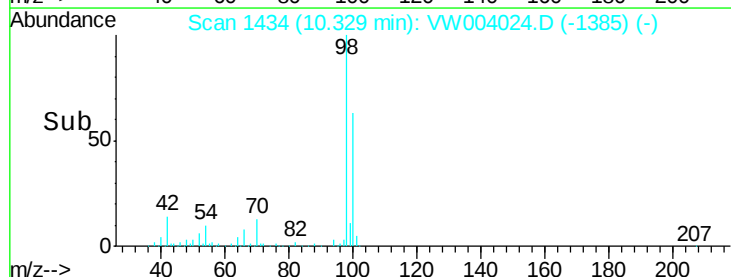
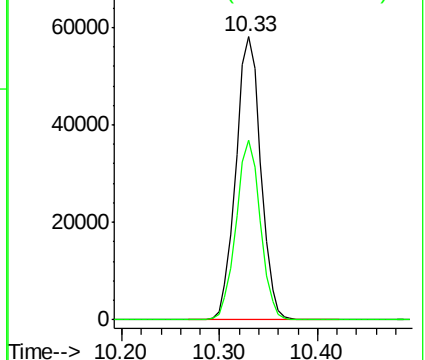
98 100

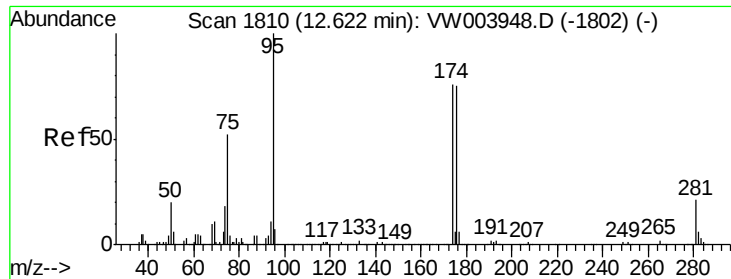
100 61.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 30.57 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

Instrument :

MSVOA_W

ClientSampleId :

FS-RT-4917

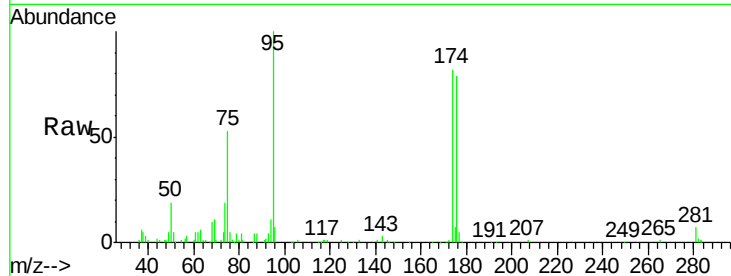
Tot Ion: 95 Resp: 35167

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.2

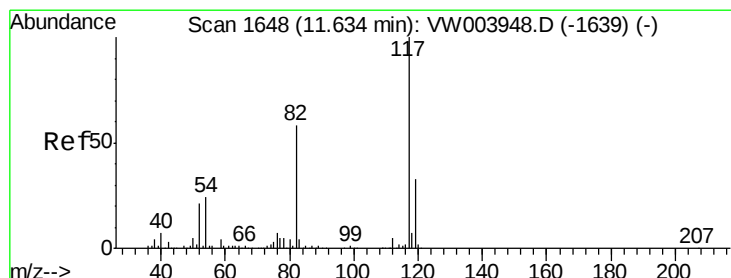
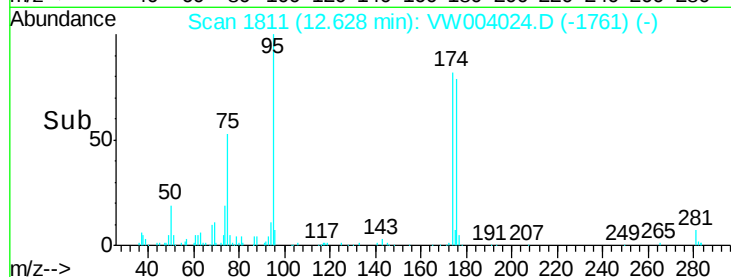
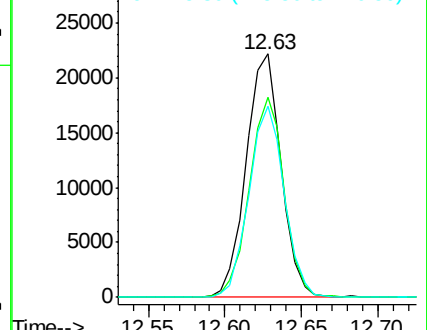
176 79.1 0.0 155.8



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.01 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

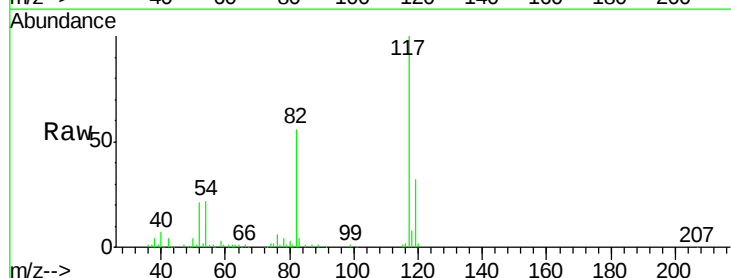
Tgt Ion: 117 Resp: 100180

Ion Ratio Lower Upper

117 100

82 55.8 46.5 69.7

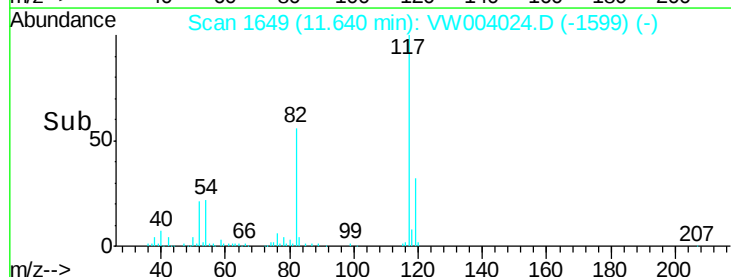
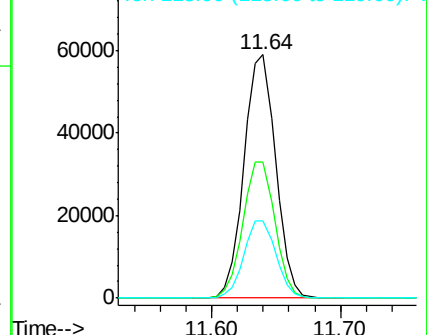
119 32.0 26.2 39.2

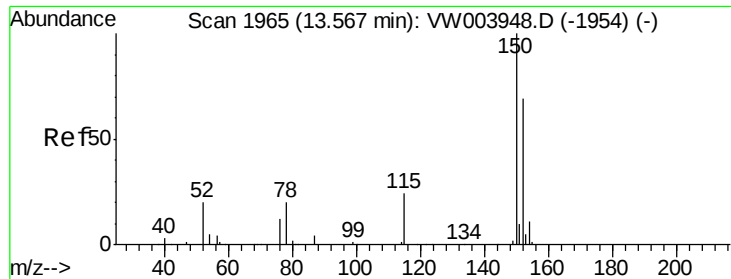


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004024.D

Acq: 18 Jul 2018 10:21

Instrument :

MSVOA_W

ClientSampleId :

FS-RT-4917

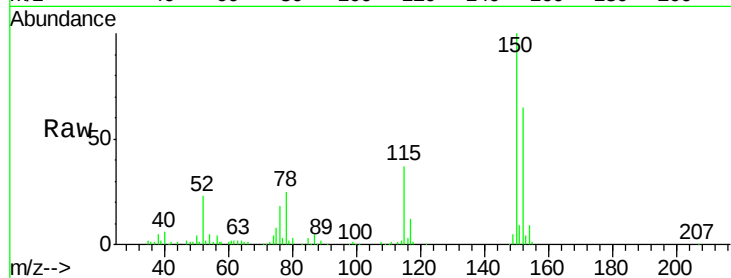
Tot Ion:152 Resp: 33691

Ion Ratio Lower Upper

152 100

115 57.9 29.2 87.6

150 157.0 0.0 345.2



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

