

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003729.D
 Acq On : 05 Jul 2018 18:44
 Operator : SY/AP
 Sample : J3845-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-3

Quant Time: Jul 06 04:19:42 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

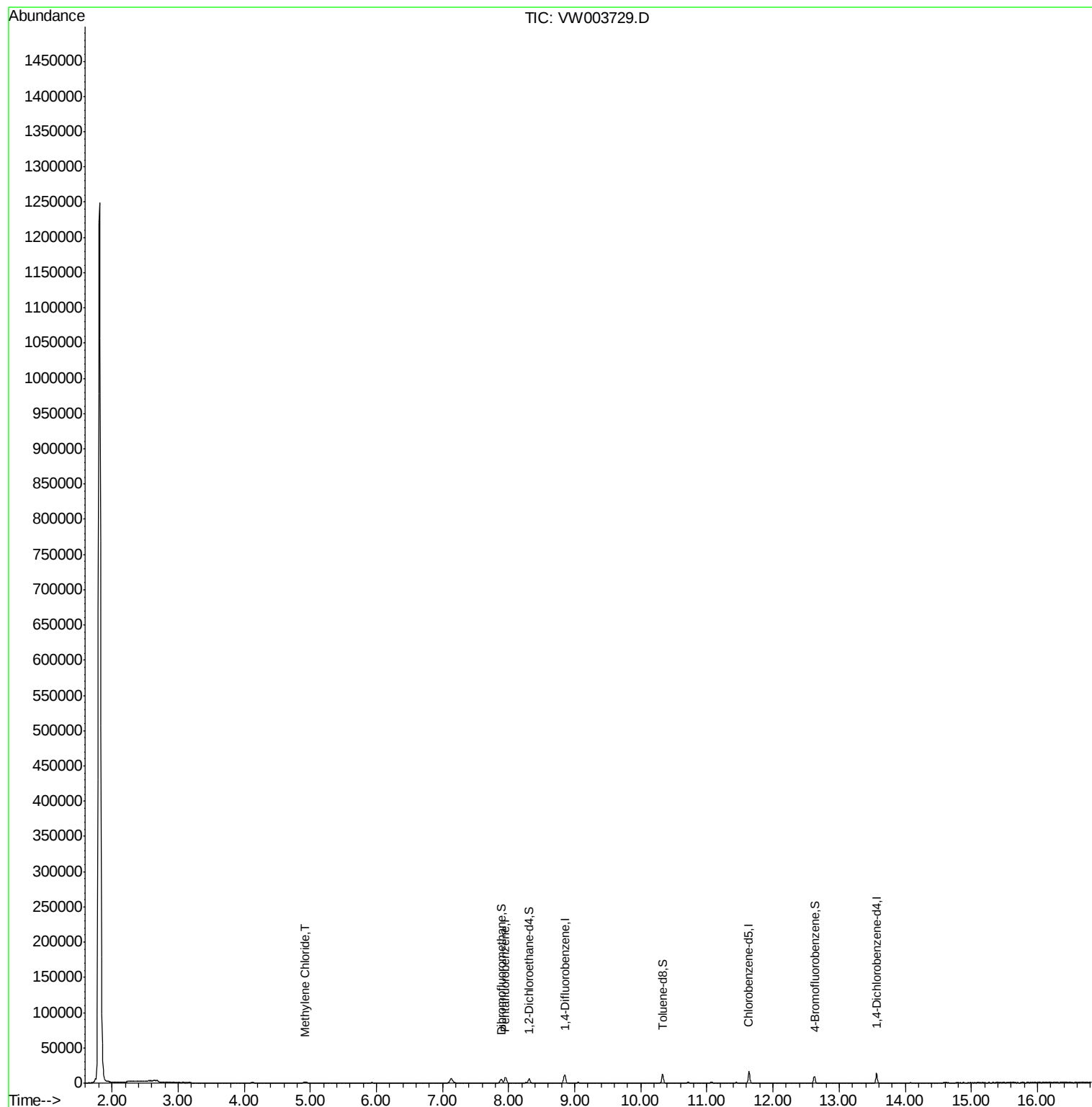
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	9020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	8893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4473	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.42%	
35) Dibromofluoromethane	7.90	113	3714	63.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	126.26%	
50) Toluene-d8	10.33	98	8218	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	
62) 4-Bromofluorobenzene	12.62	95	2867	34.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.12%	
Target Compounds						
20) Methylene Chloride	4.91	84	924	10.88	ug/l	Qvalue # 89

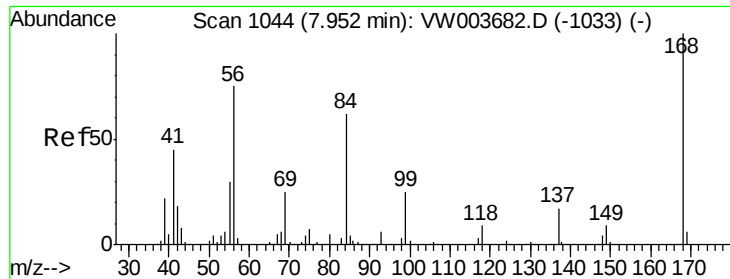
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003729.D

Acq: 05 Jul 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

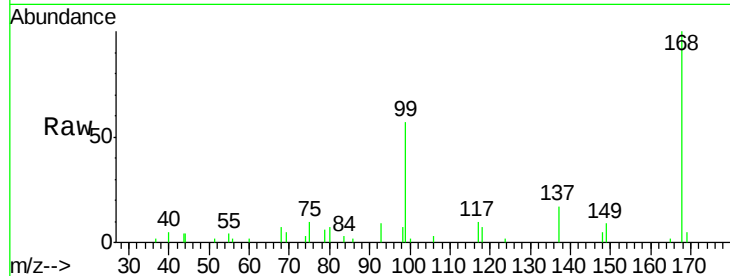
GF-G-3

Tot Ion:168 Resp: 6284

Ion Ratio Lower Upper

168 100

99 57.0 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

3000

2500

2000

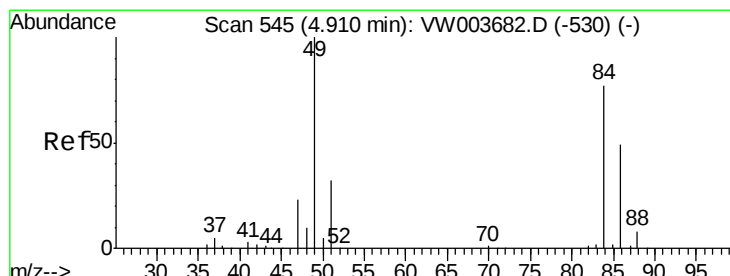
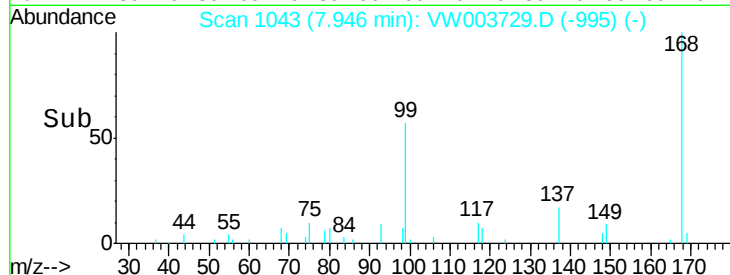
1500

1000

500

0

Time--> 7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 10.88 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003729.D

Acq: 05 Jul 2018 18:44

Tgt Ion: 84 Resp: 924

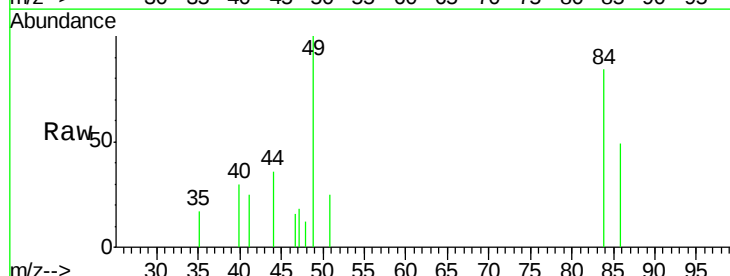
Ion Ratio Lower Upper

84 100

49 119.5 104.6 156.8

51 30.0 33.2 49.8#

86 58.3 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

600

500

400

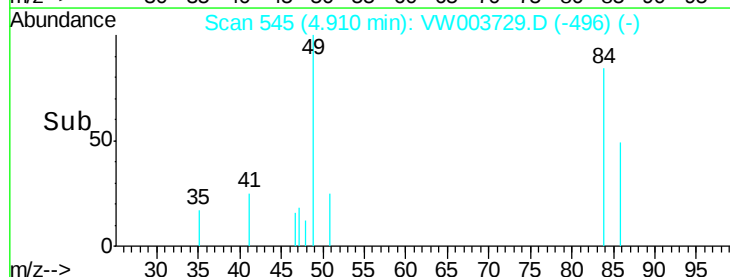
300

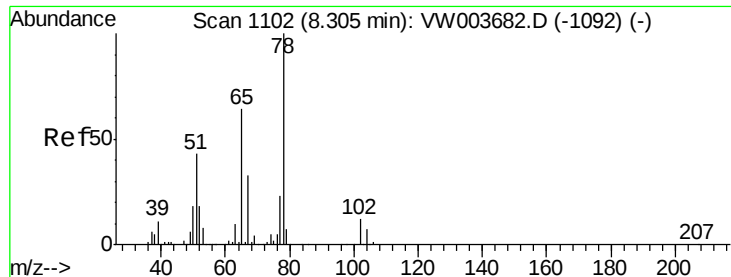
200

100

0

Time--> 4.85 4.90 4.95

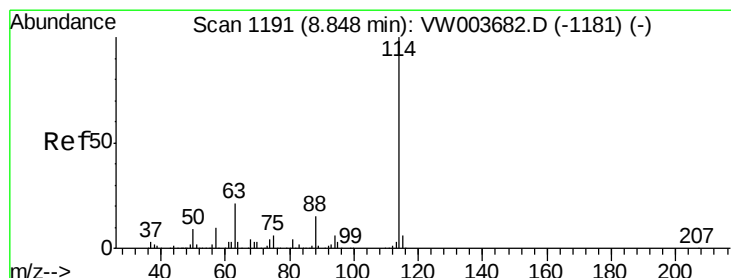
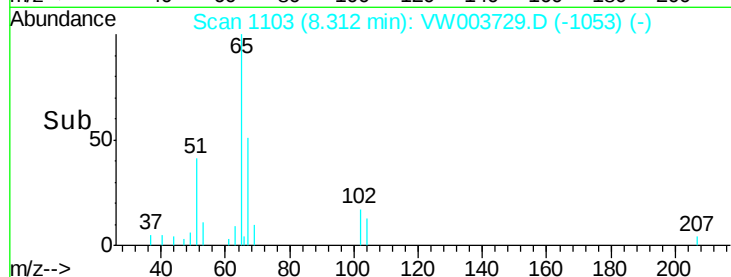
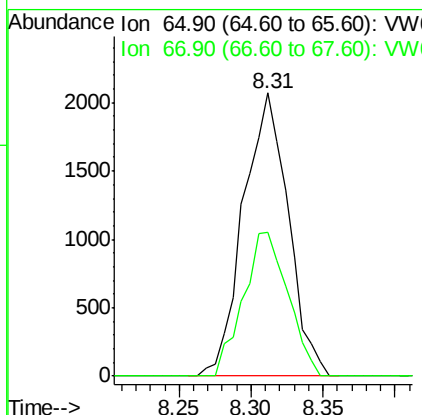
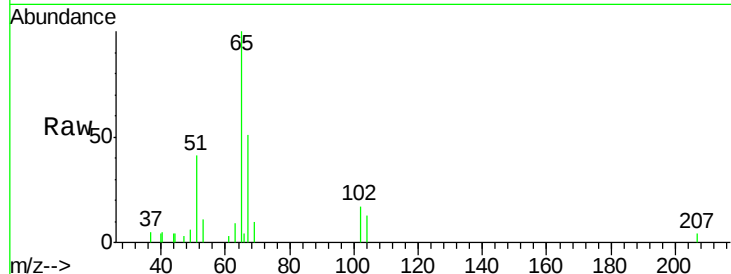




#33
 1,2-Dichloroethane-d4
 Concen: 59.71 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003729.D
 Acq: 05 Jul 2018 18:44

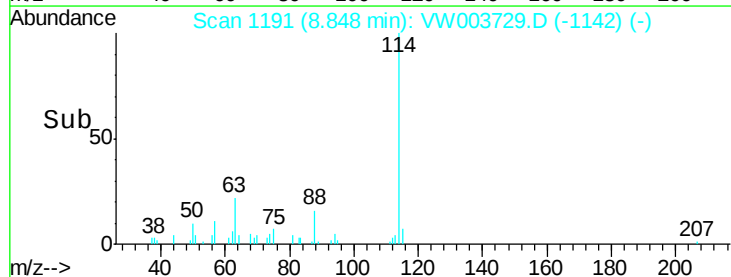
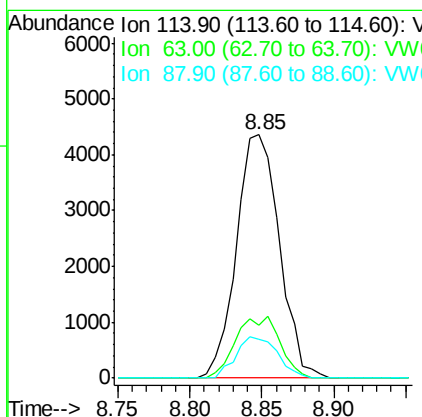
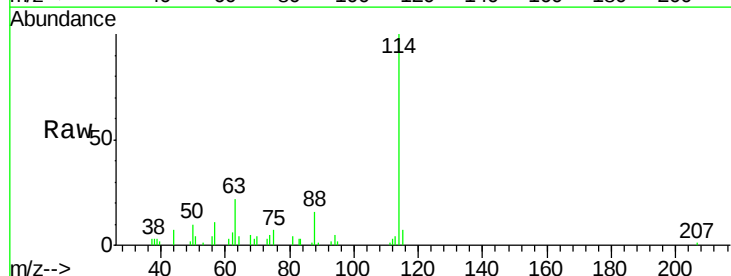
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-3

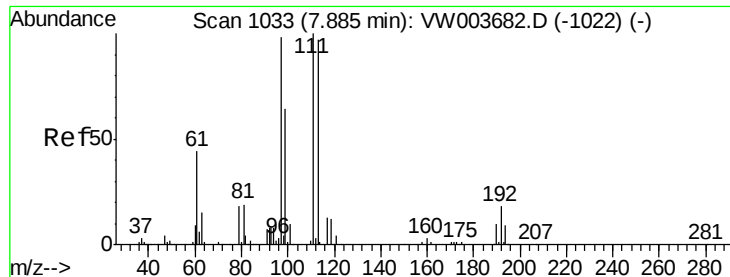
Tot Ion: 65 Resp: 4473
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003729.D
 Acq: 05 Jul 2018 18:44

Tgt Ion: 114 Resp: 9020
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.6
 88 15.7 0.0 29.8

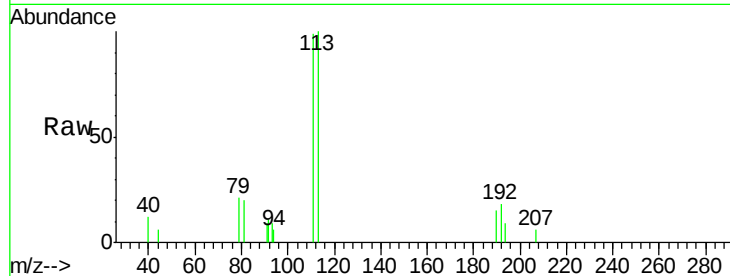




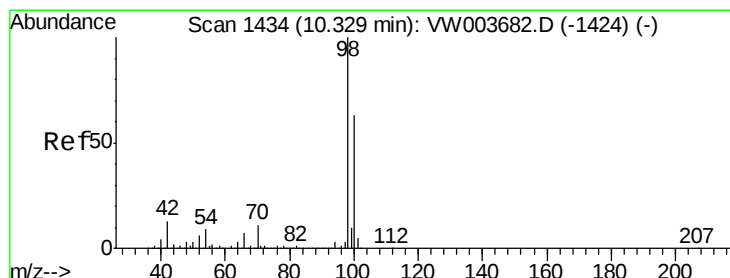
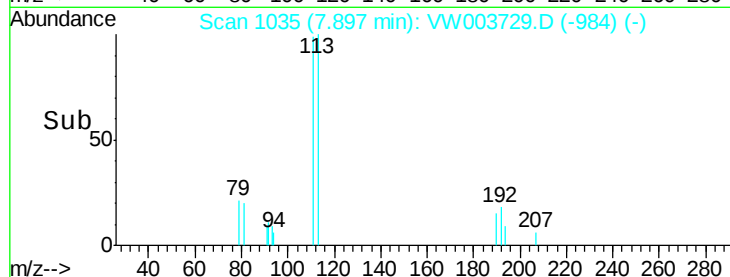
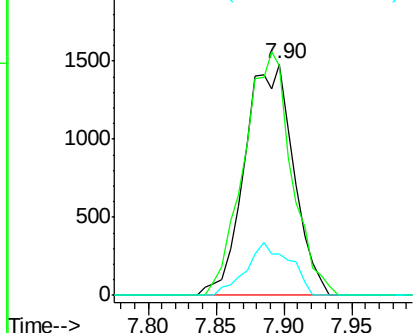
#35
 Dibromofluoromethane
 Concen: 63.13 ug/l
 RT: 7.90 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VW003729.D
 Acq: 05 Jul 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-3

Tot Ion:113 Resp: 3714
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 20.2 15.8 23.6

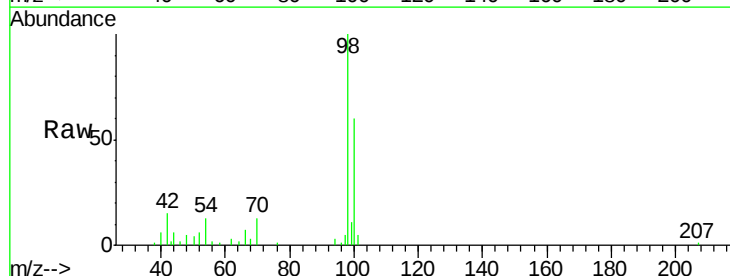


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

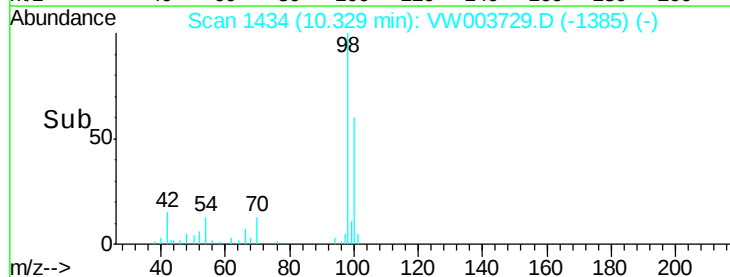
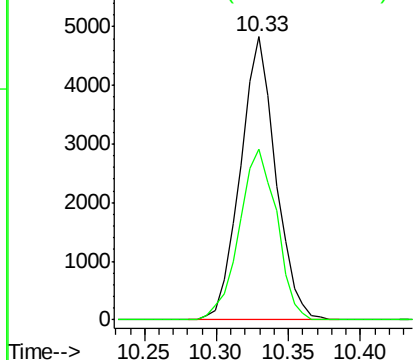


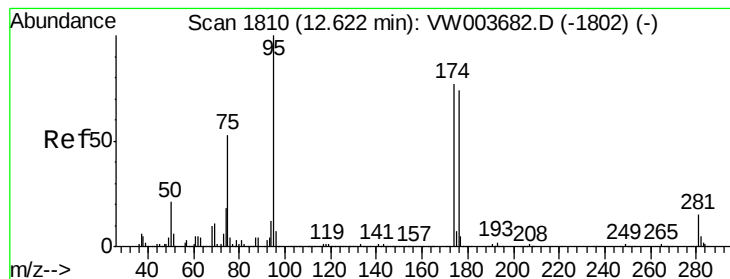
#50
 Toluene-d8
 Concen: 35.58 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003729.D
 Acq: 05 Jul 2018 18:44

Tgt Ion: 98 Resp: 8218
 Ion Ratio Lower Upper
 98 100
 100 64.1 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: 34.56 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003729.D

Acq: 05 Jul 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

GF-G-3

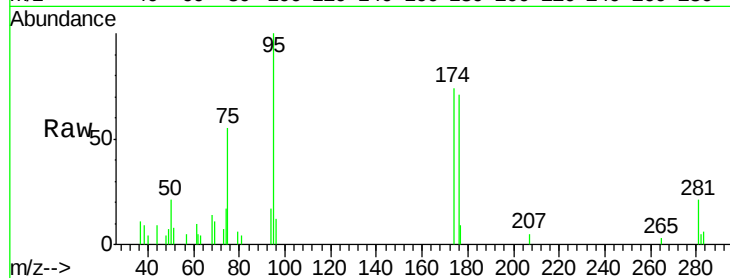
Tot Ion: 95 Resp: 2867

Ion Ratio Lower Upper

95 100

174 79.5 0.0 161.2

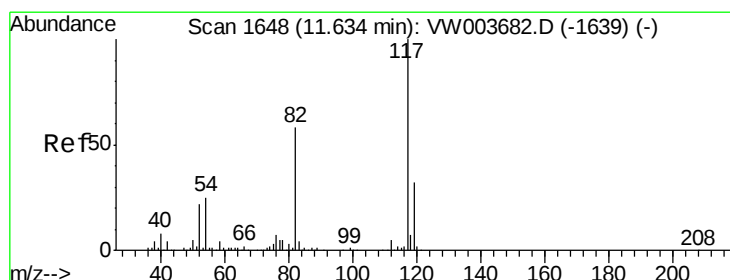
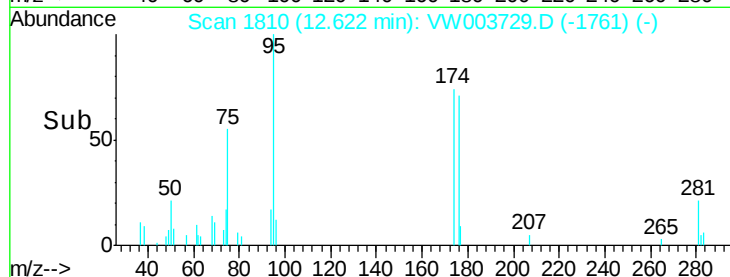
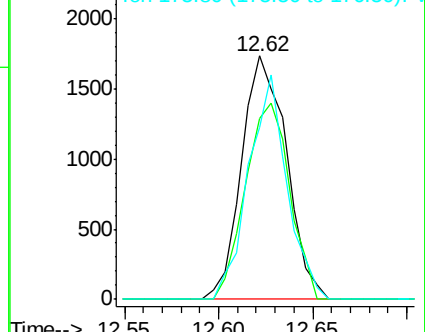
176 78.9 0.0 155.0



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.01 min

Lab File: VW003729.D

Acq: 05 Jul 2018 18:44

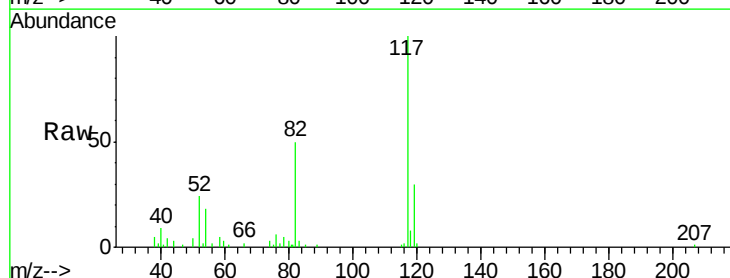
Tgt Ion: 117 Resp: 8893

Ion Ratio Lower Upper

117 100

82 49.6 46.0 69.0

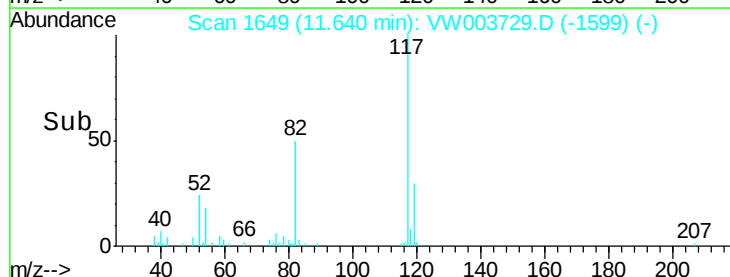
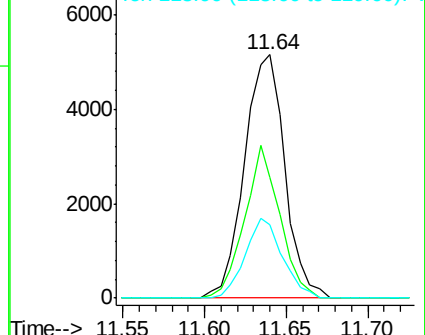
119 30.2 25.4 38.0

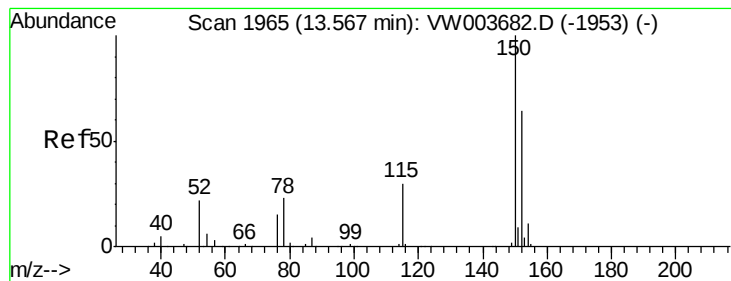


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003729.D

Acq: 05 Jul 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

GF-G-3

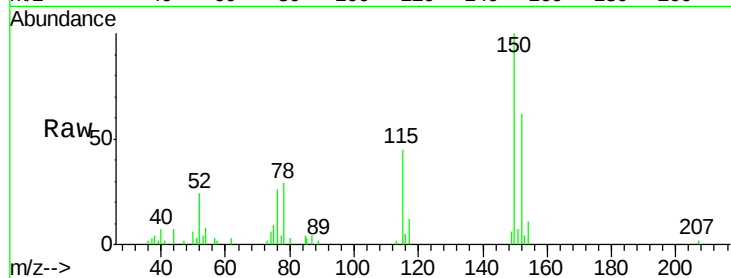
Tot Ion:152 Resp: 3583

Ion Ratio Lower Upper

152 100

115 60.2 29.3 88.0

150 153.7 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

