

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003733.D
 Acq On : 05 Jul 2018 20:28
 Operator : SY/AP
 Sample : J3845-11
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-7

Quant Time: Jul 06 04:28:00 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	147346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109102	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	97366	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	7.88	113	82727	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.33	98	259133	40.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.10%	
62) 4-Bromofluorobenzene	12.62	95	86778	37.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.60%	

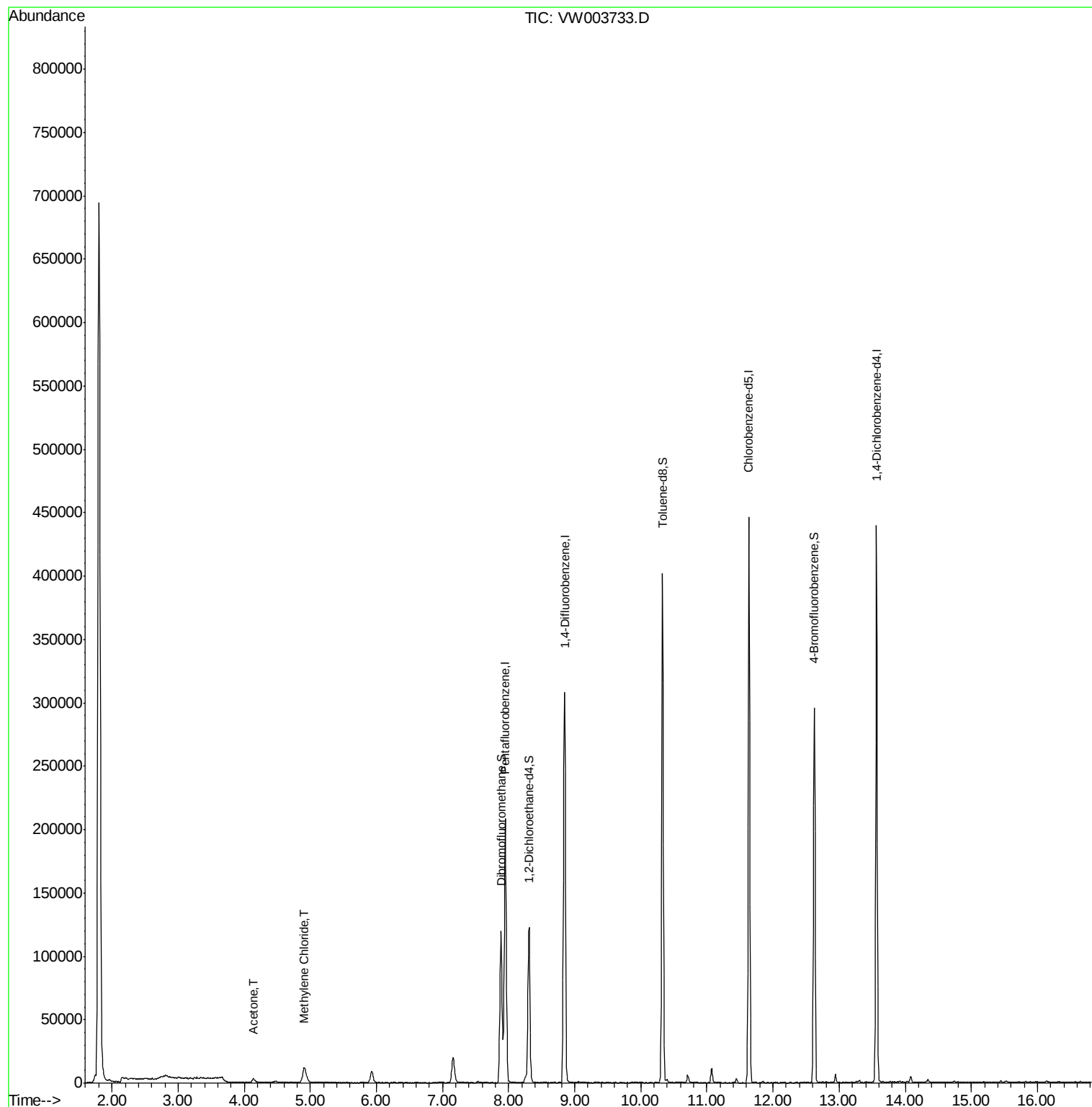
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5645	13.46	ug/l	# 89
20) Methylene Chloride	4.92	84	11400	4.03	ug/l	88

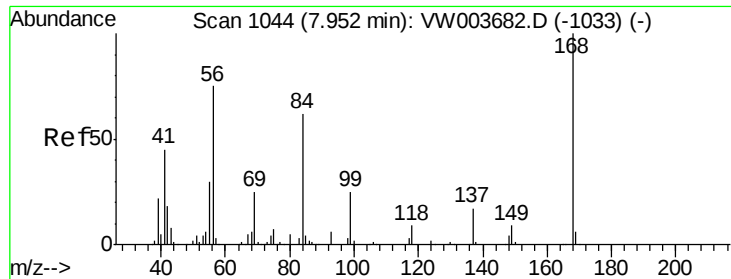
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003733.D

Acq: 05 Jul 2018 20:28

Instrument :

MSVOA_W

ClientSampled :

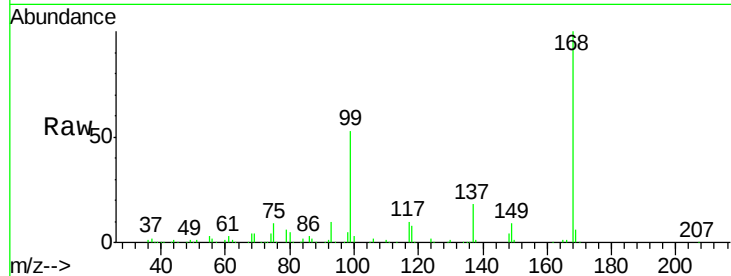
GF-G-7

Tot Ion:168 Resp: 147346

Ion Ratio Lower Upper

168 100

99 53.2 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

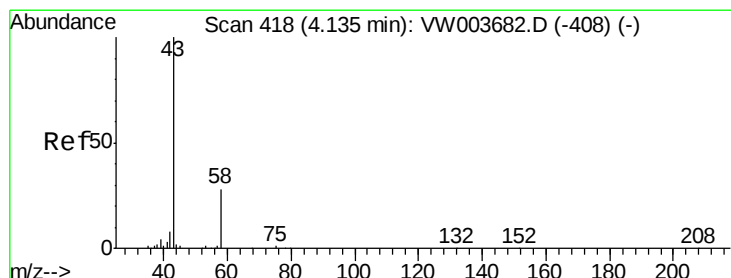
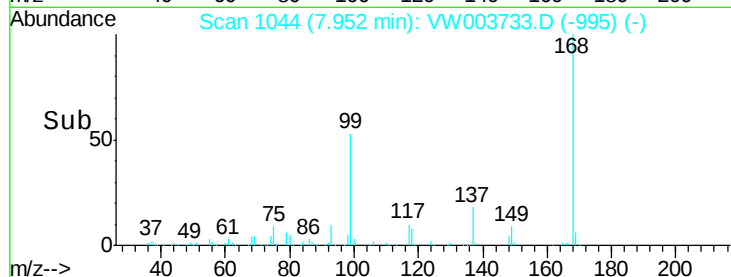
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 13.46 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003733.D

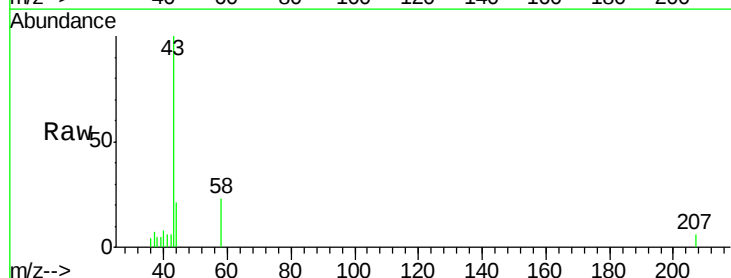
Acq: 05 Jul 2018 20:28

Tgt Ion: 43 Resp: 5645

Ion Ratio Lower Upper

43 100

58 22.7 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

1500

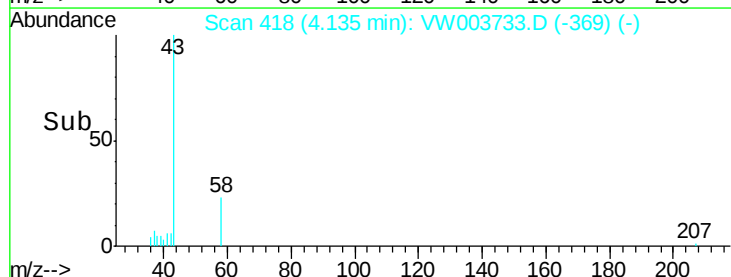
1000

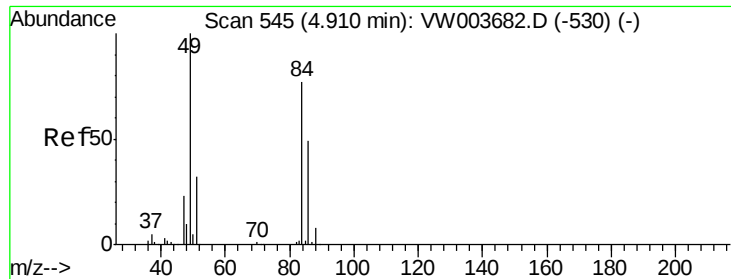
500

0

4.00 4.10 4.20

Time-->

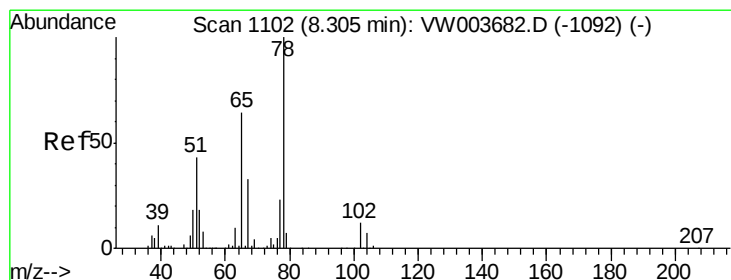
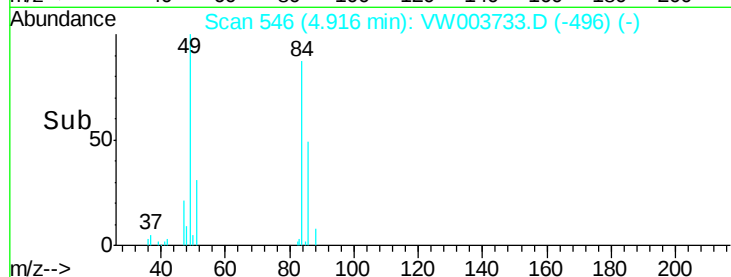
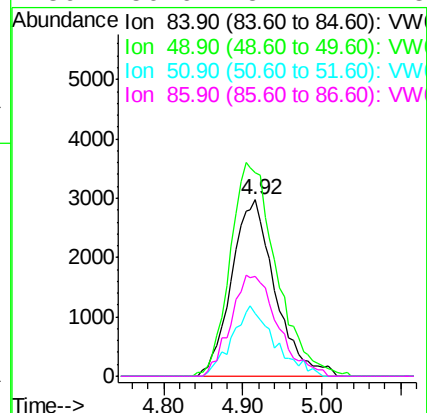
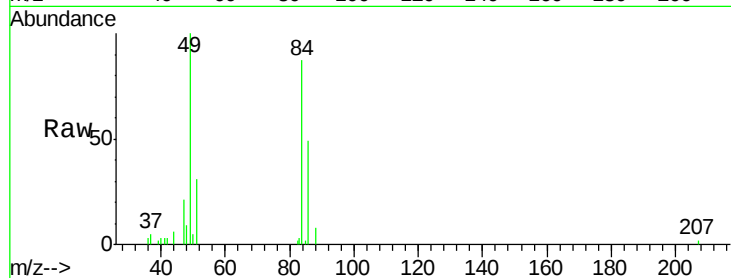




#20
Methylene Chloride
Concen: 4.03 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003733.D
Acq: 05 Jul 2018 20:28

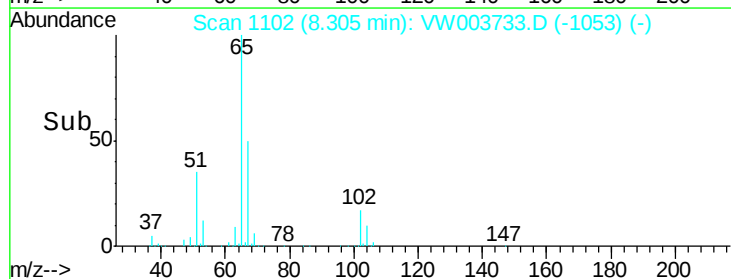
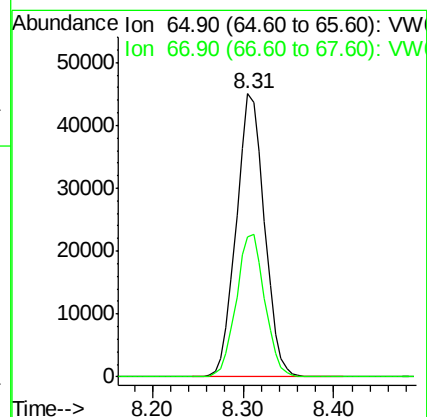
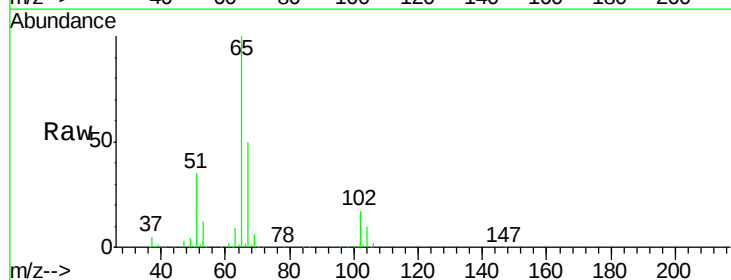
Instrument :
MSVOA_W
ClientSampled :
GF-G-7

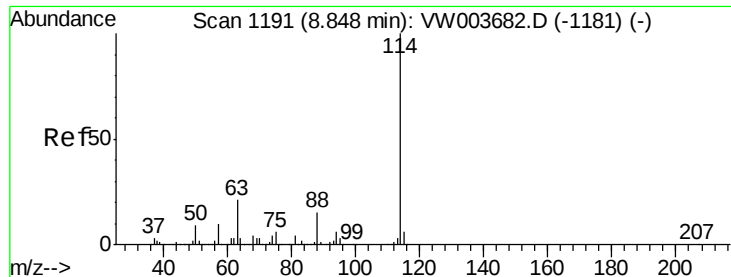
Tot Ion: 84 Resp: 11400
Ion Ratio Lower Upper
84 100
49 115.1 104.6 156.8
51 35.6 33.2 49.8
86 56.6 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.43 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003733.D
Acq: 05 Jul 2018 20:28

Tgt Ion: 65 Resp: 97366
Ion Ratio Lower Upper
65 100
67 50.7 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: VW003733.D

Acq: 05 Jul 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

GF-G-7

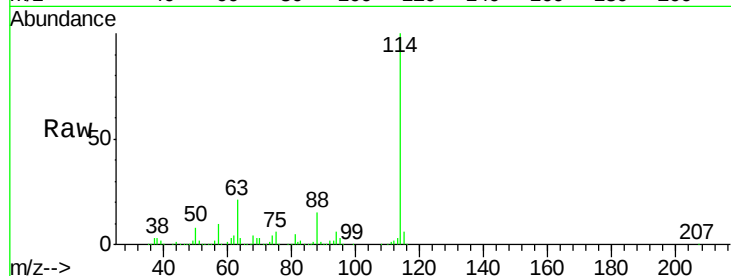
Tot Ion:114 Resp: 249593

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

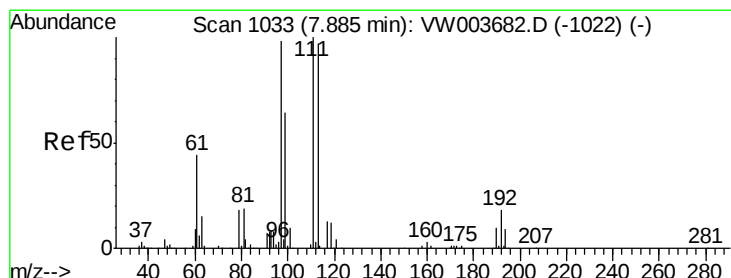
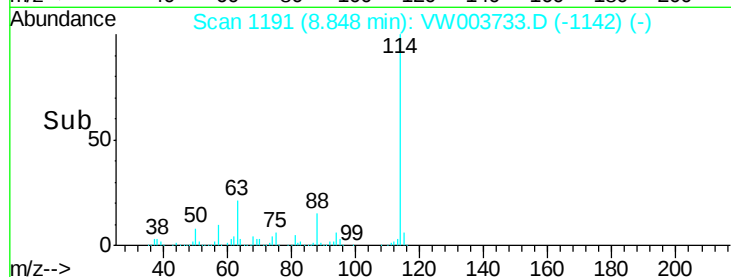
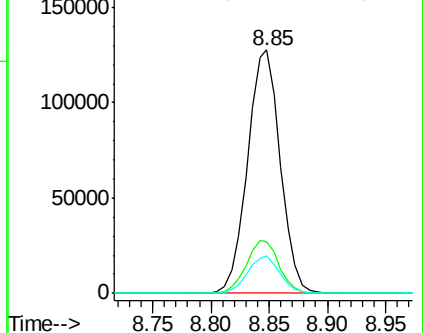
88 15.4 0.0 29.8



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: 50.82 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003733.D

Acq: 05 Jul 2018 20:28

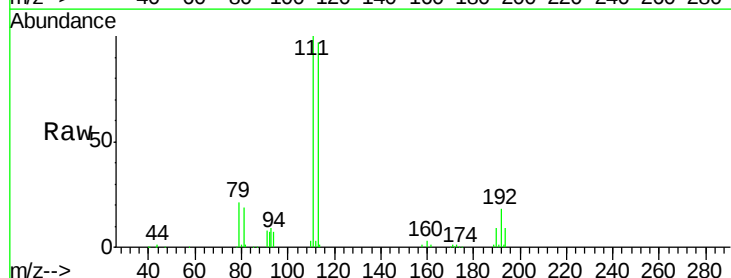
Tgt Ion:113 Resp: 82727

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

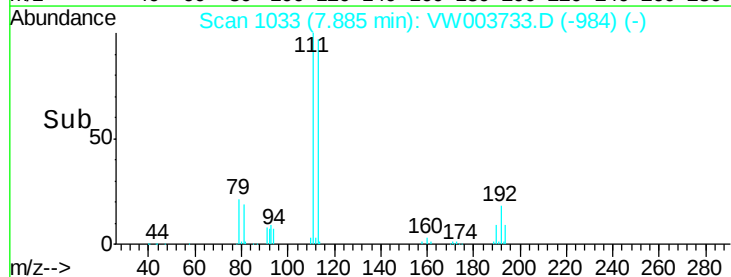
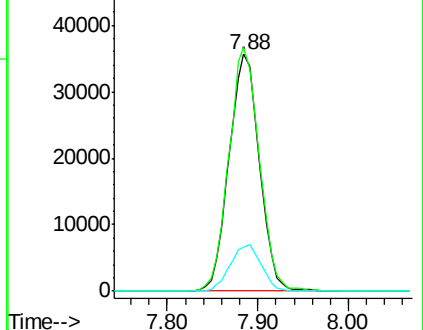
192 20.1 15.8 23.6

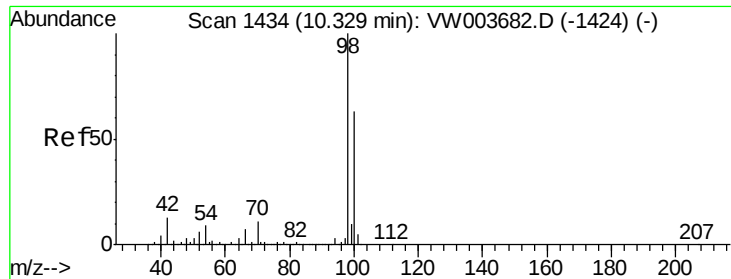


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.55 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003733.D

Acq: 05 Jul 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

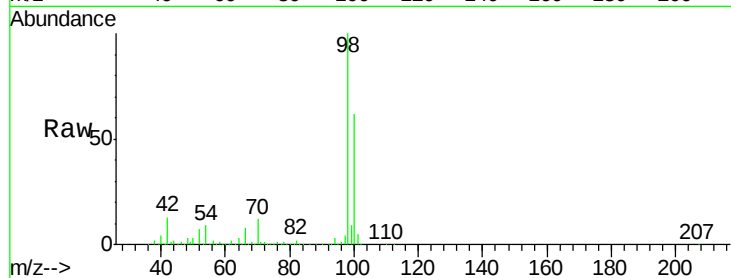
GF-G-7

Tot Ion: 98 Resp: 259133

Ion Ratio Lower Upper

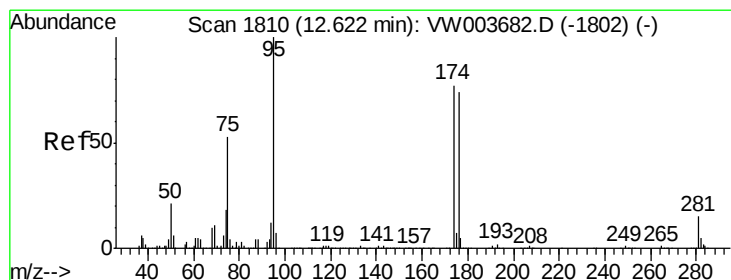
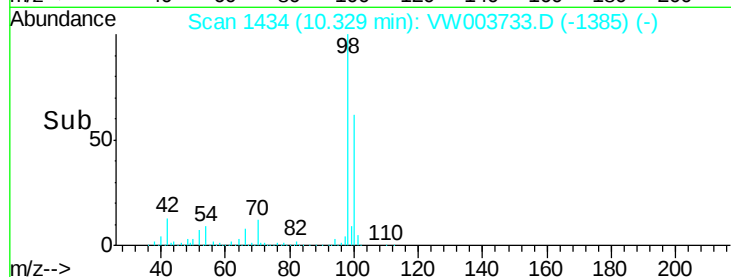
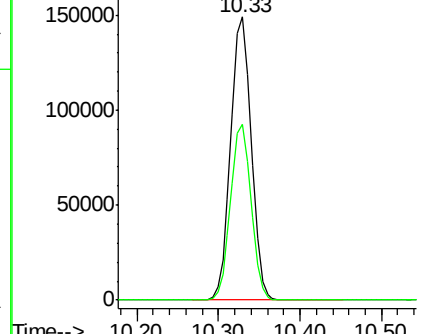
98 100

100 62.0 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: 37.80 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003733.D

Acq: 05 Jul 2018 20:28

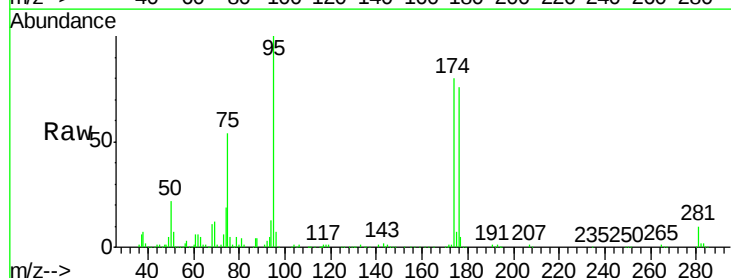
Tgt Ion: 95 Resp: 86778

Ion Ratio Lower Upper

95 100

174 85.6 0.0 161.2

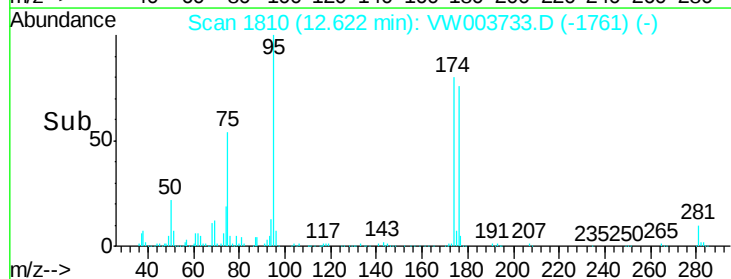
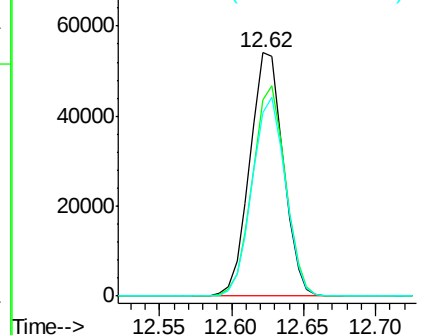
176 81.3 0.0 155.0

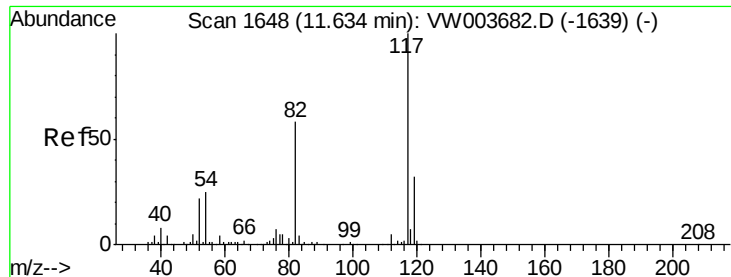


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

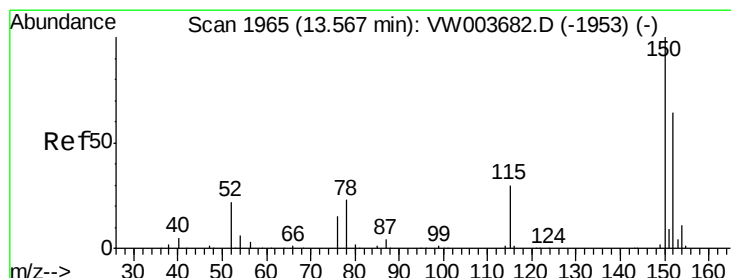
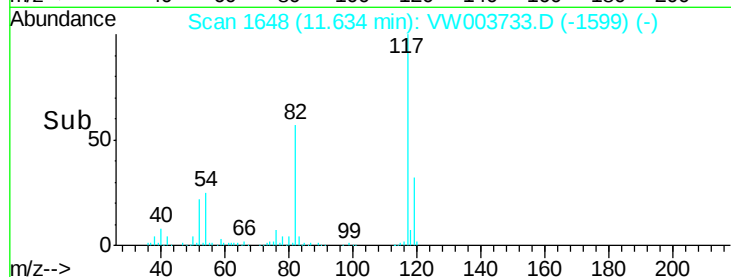
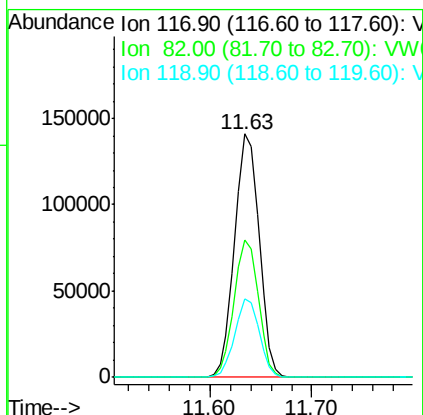
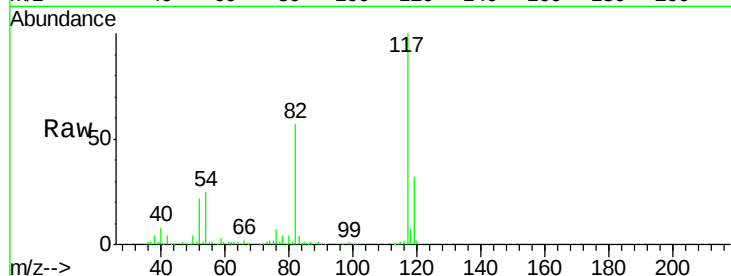




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003733.D
Acq: 05 Jul 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
GF-G-7

Tot Ion:117 Resp: 235029
Ion Ratio Lower Upper
117 100
82 56.5 46.0 69.0
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003733.D
Acq: 05 Jul 2018 20:28

Tgt Ion:152 Resp: 109102
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 158.2 0.0 352.0

