

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001136.D
 Acq On : 29 Jan 2018 22:53
 Operator : JC/SY
 Sample : J1286-02RE
 Misc : 5.18G/5.0ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO1RE

Quant Time: Jan 30 16:52:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	127829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	186110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	142403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48968	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	97039	78.08	ug/l	0.00
Spiked Amount			Recovery	=	156.16%	
35) Dibromofluoromethane	7.88	113	65343	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
50) Toluene-d8	10.33	98	222755	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.63	95	57225	33.89	ug/l	0.00
Spiked Amount			Recovery	=	67.78%	

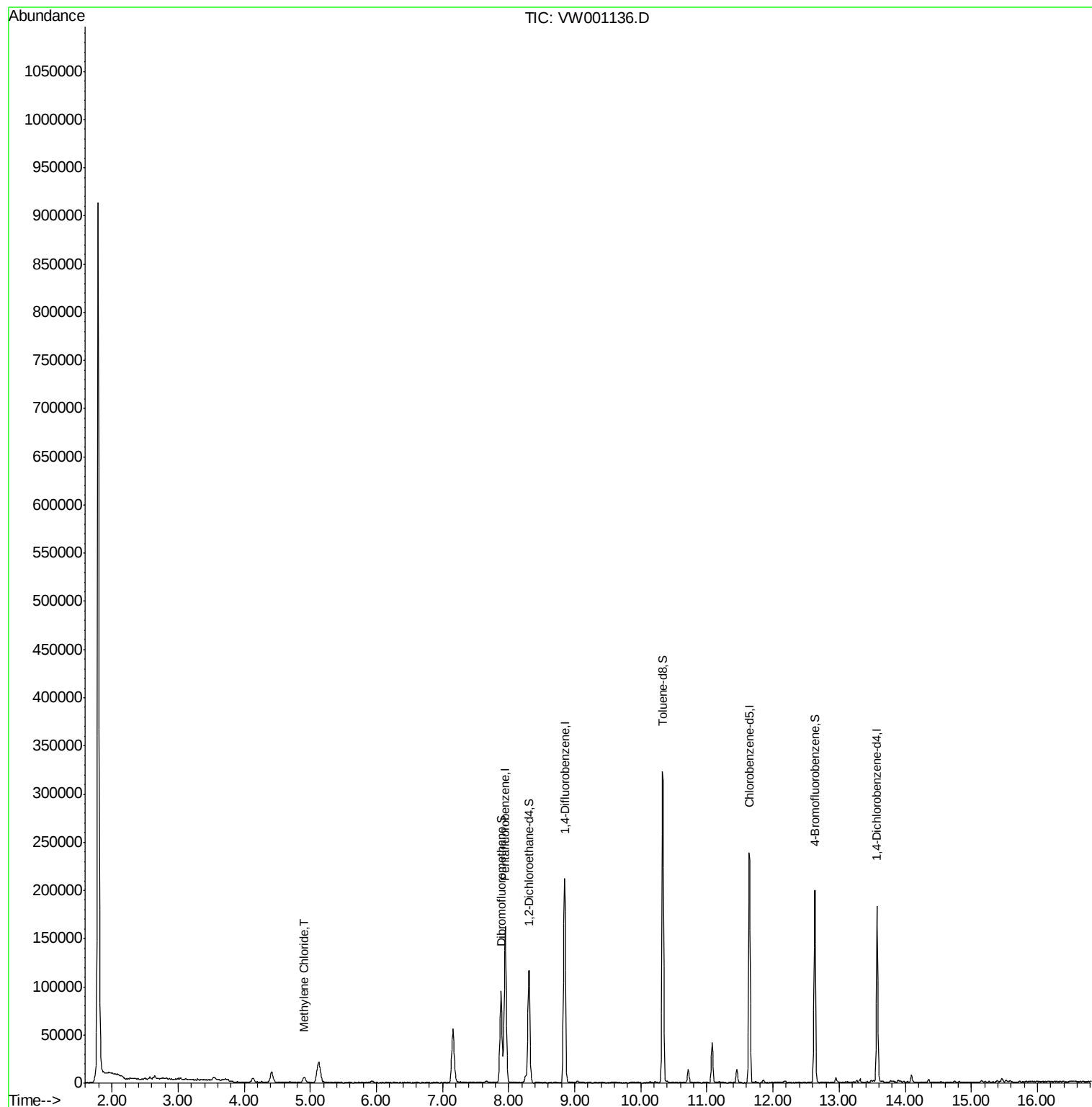
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.90	84	4259	1.56	ug/l	94

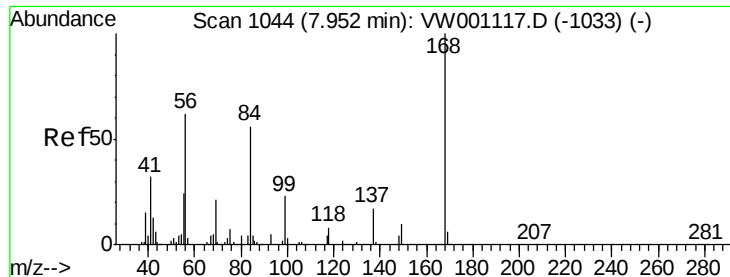
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW001136.D

Acq: 29 Jan 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

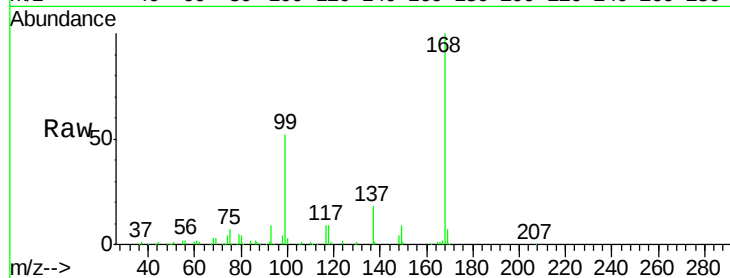
GL-WF-01-VO1RE

Tot Ion:168 Resp: 127829

Ion Ratio Lower Upper

168 100

99 52.3 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

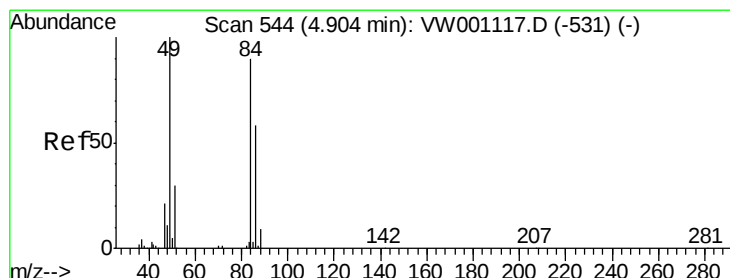
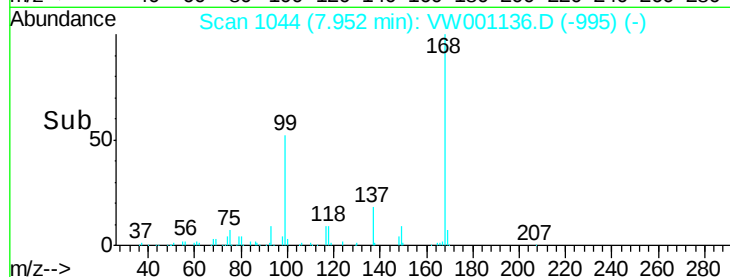
40000

20000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 1.56 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW001136.D

Acq: 29 Jan 2018 22:53

Tgt Ion: 84 Resp: 4259

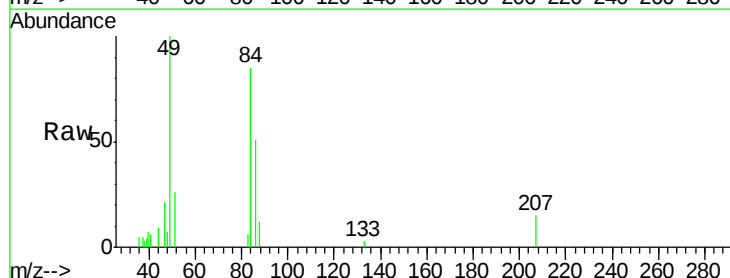
Ion Ratio Lower Upper

84 100

49 117.1 89.2 133.8

51 30.3 26.7 40.1

86 59.7 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

4.90

2500

2000

1500

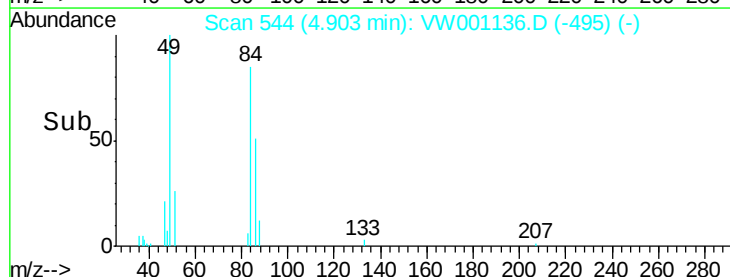
1000

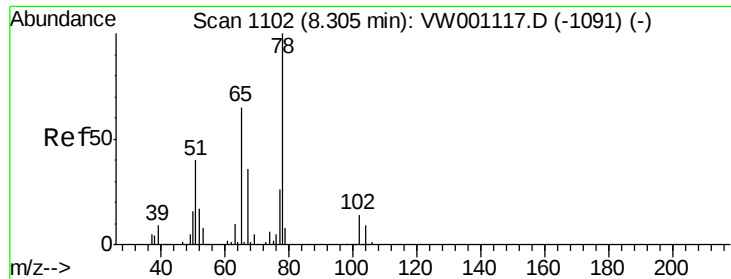
500

0

Time-->

4.80 4.85 4.90 4.95 5.00

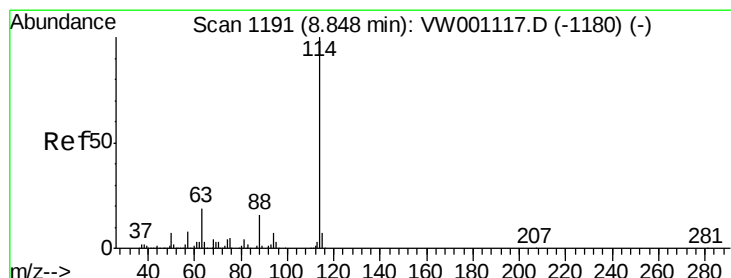
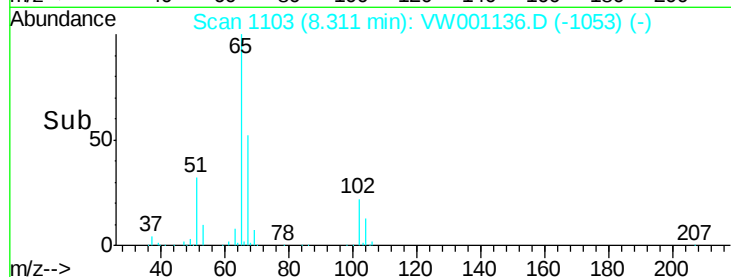
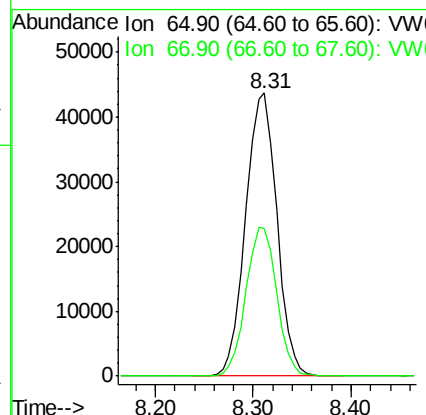
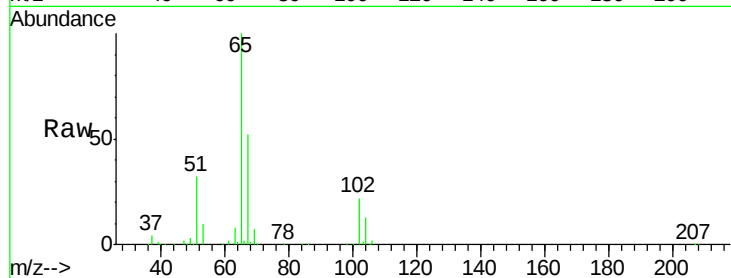




#33
 1,2-Dichloroethane-d4
 Concen: 78.08 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW001136.D
 Acq: 29 Jan 2018 22:53

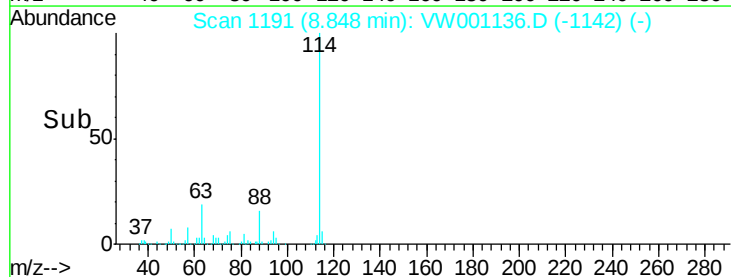
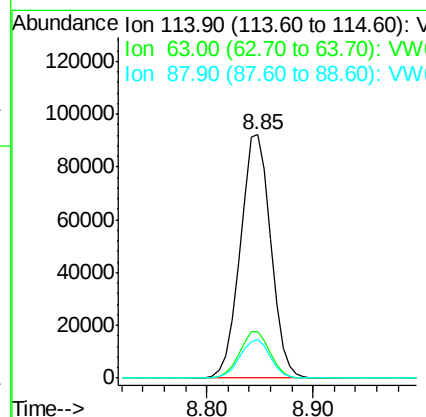
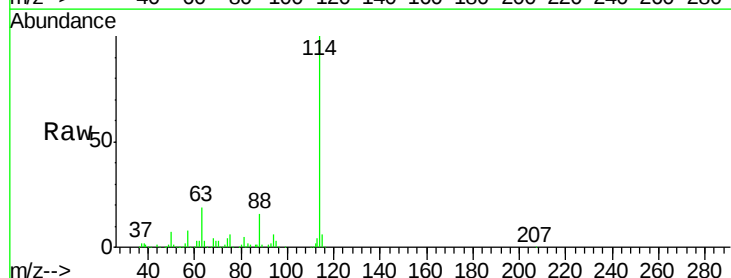
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO1RE

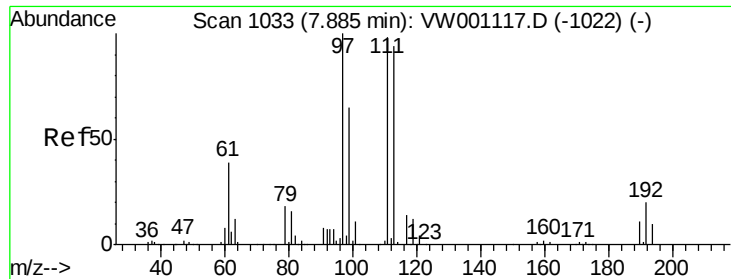
Tot Ion: 65 Resp: 97039
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW001136.D
 Acq: 29 Jan 2018 22:53

Tgt Ion: 114 Resp: 186110
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.2
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 54.89 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW001136.D

Acq: 29 Jan 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

GL-WF-01-VO1RE

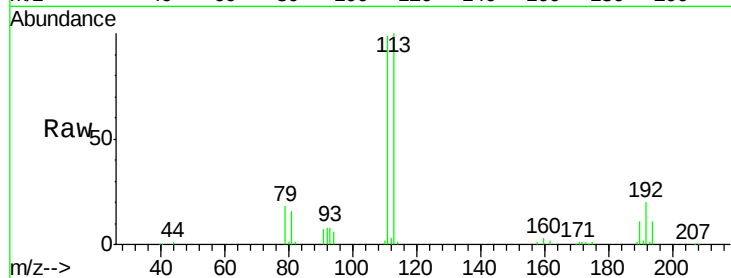
Tot Ion:113 Resp: 65343

Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

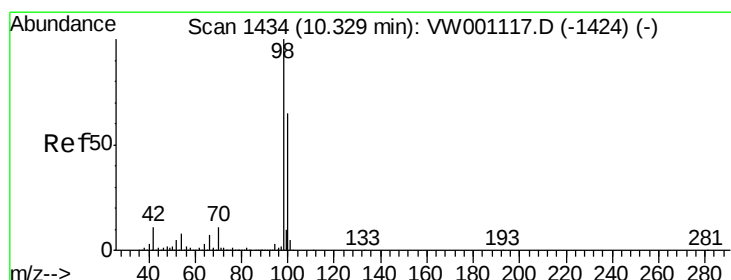
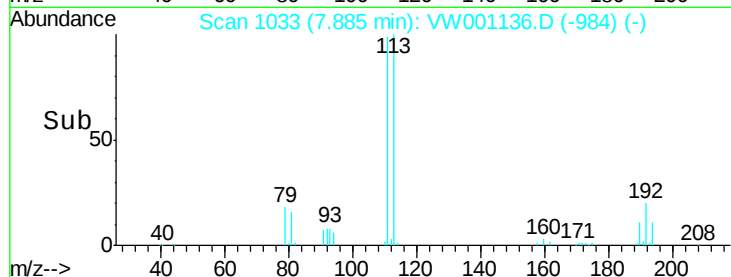
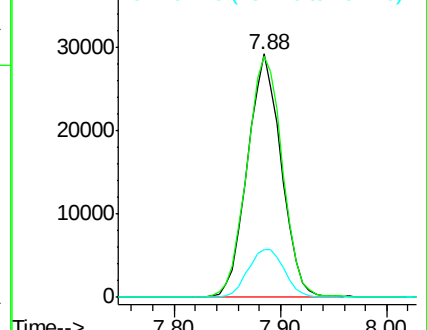
192 21.3 17.8 26.6



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: 48.62 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW001136.D

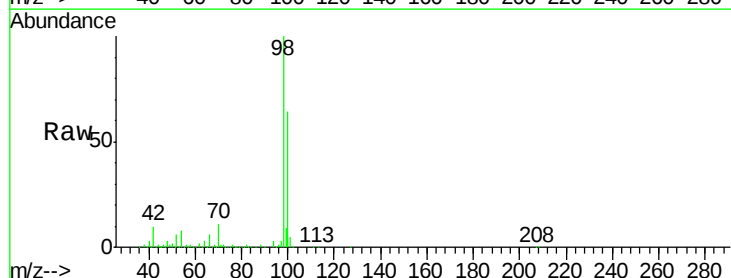
Acq: 29 Jan 2018 22:53

Tgt Ion: 98 Resp: 222755

Ion Ratio Lower Upper

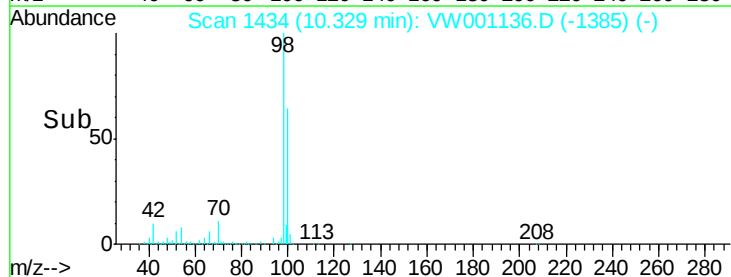
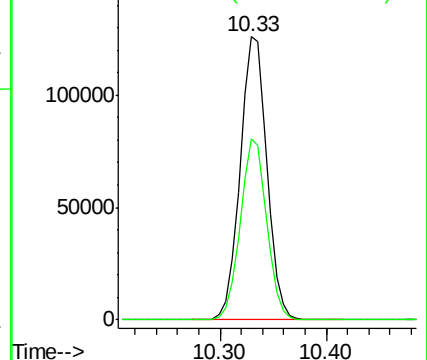
98 100

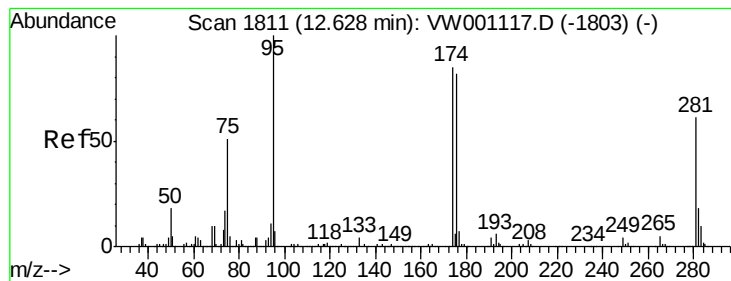
100 62.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.89 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW001136.D

Acq: 29 Jan 2018 22:53

Instrument :

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ClientSampleId :

GL-WF-01-VO1RE

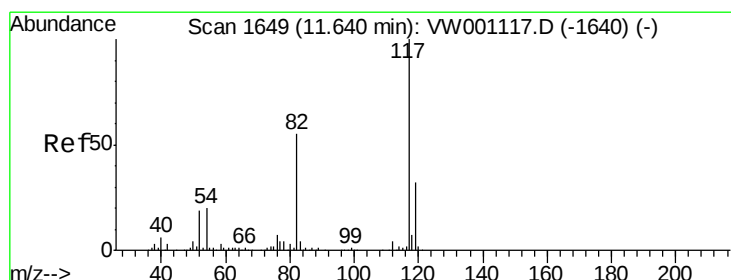
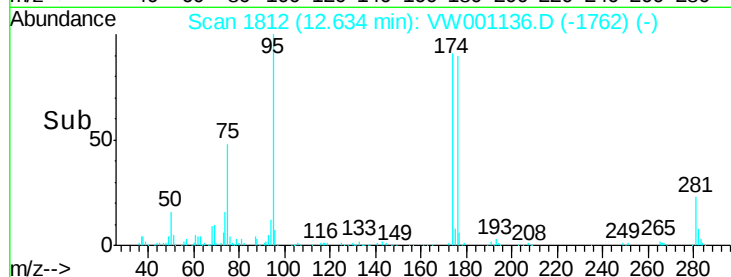
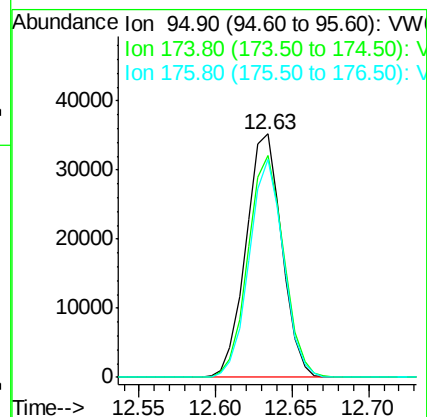
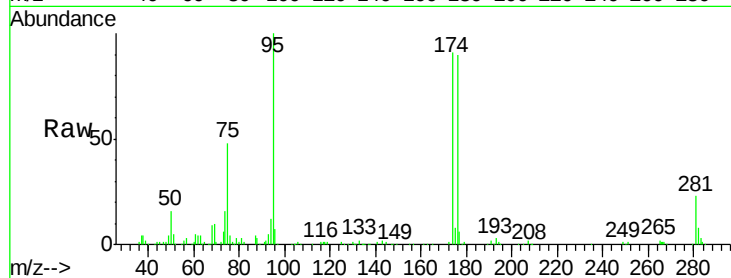
Tot Ion: 95 Resp: 57225

Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.6

176 85.8 0.0 174.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW001136.D

Acq: 29 Jan 2018 22:53

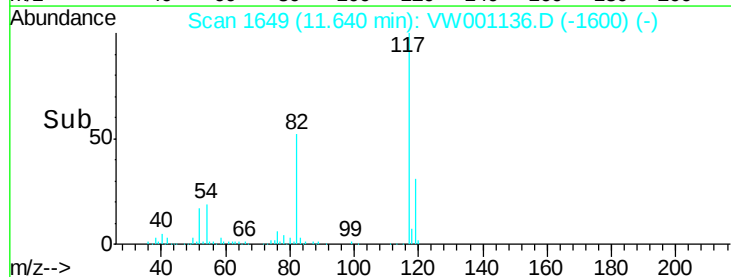
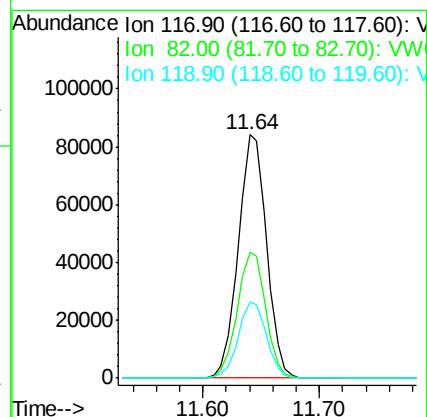
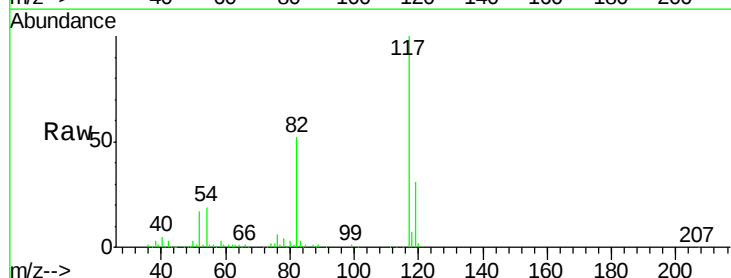
Tgt Ion: 117 Resp: 142403

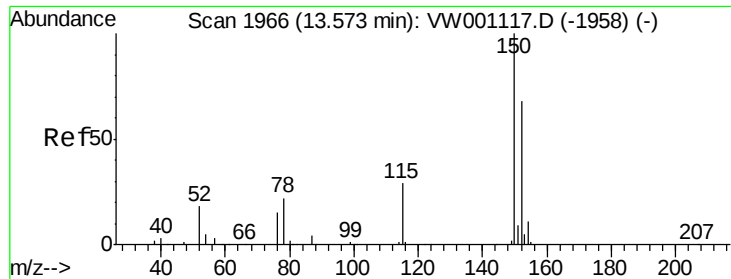
Ion Ratio Lower Upper

117 100

82 51.6 43.8 65.8

119 31.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW001136.D

Acq: 29 Jan 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

GL-WF-01-VO1RE

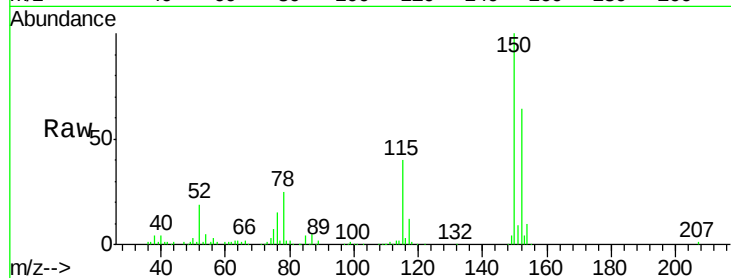
Tot Ion:152 Resp: 48968

Ion Ratio Lower Upper

152 100

115 57.2 28.4 85.3

150 155.1 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

