

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006816.D
 Acq On : 12 Nov 2018 19:30
 Operator : SY/AP
 Sample : J5860-04
 Misc : 5.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)RE

Quant Time: Nov 13 03:10:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	28980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	38764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	34308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14258	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10420	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.90	113	11123	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.33	98	36939	38.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.22%	
62) 4-Bromofluorobenzene	12.62	95	10698	30.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.72%	

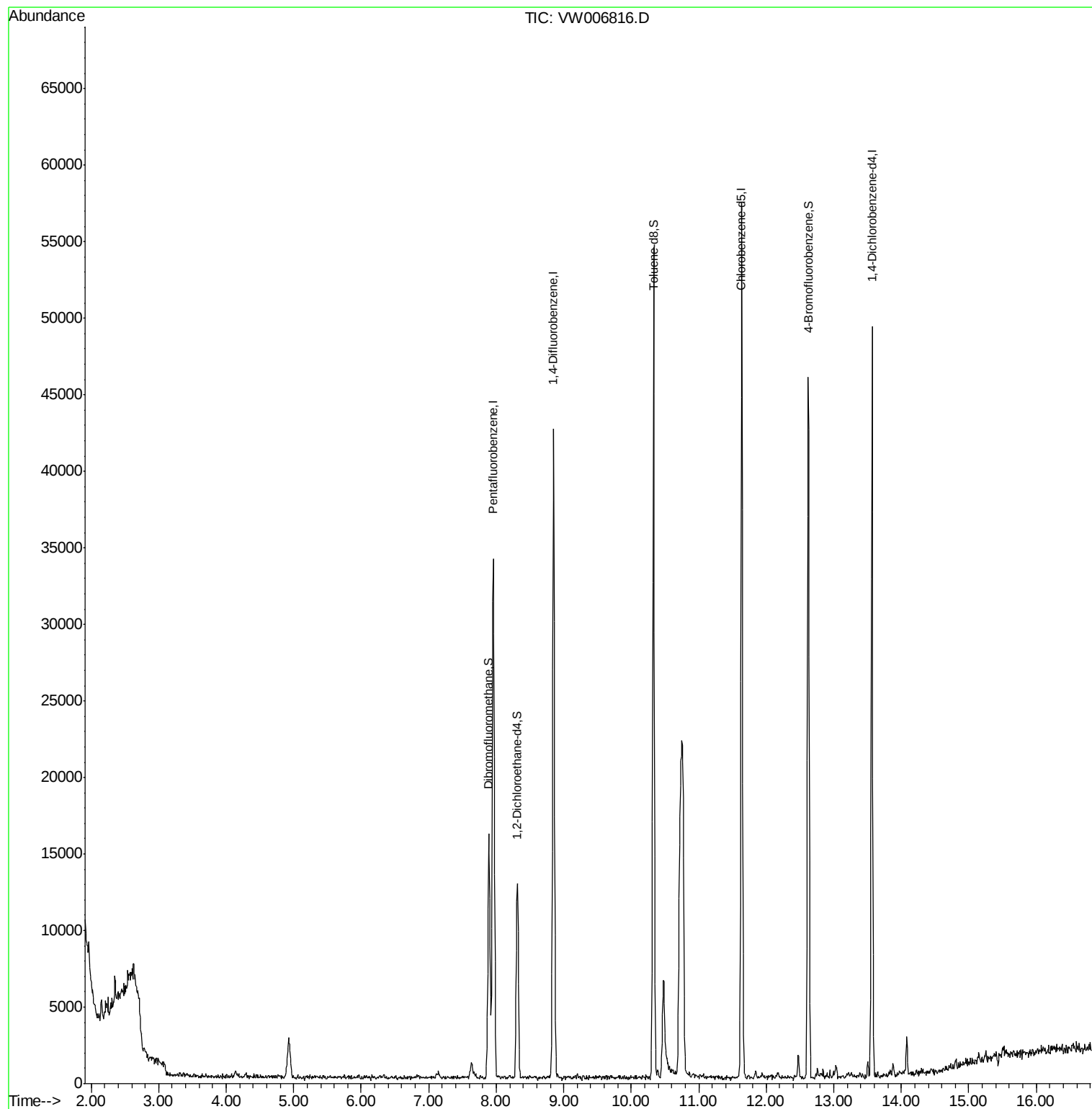
Target Compounds	Qvalue

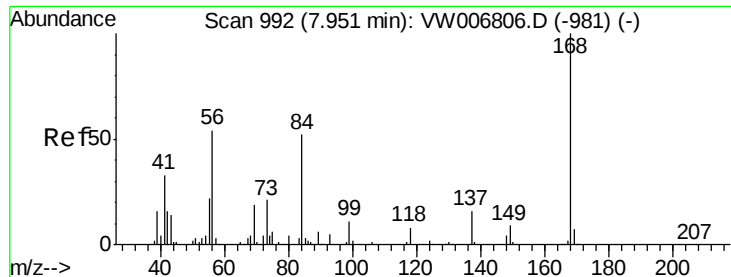
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

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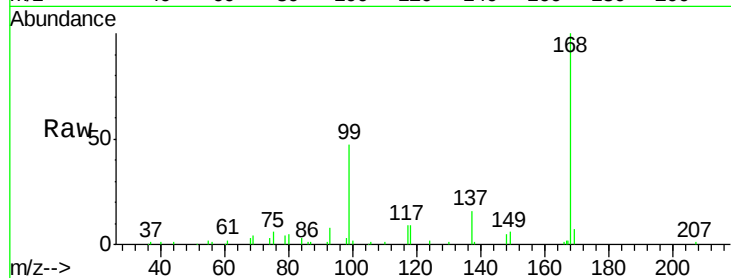
EP2-SB-104(15-17)RE

Tgt Ion:168 Resp: 28980

Ion Ratio Lower Upper

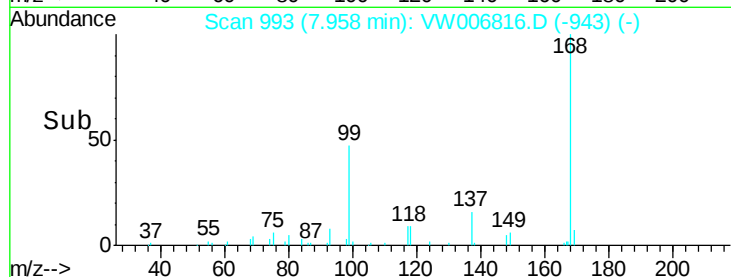
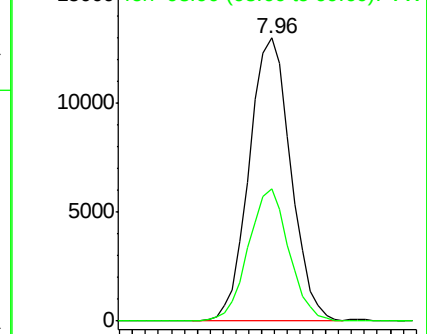
168 100

99 46.7 37.3 55.9

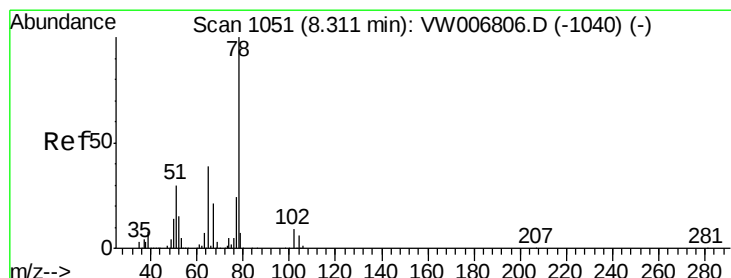


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.185 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006816.D

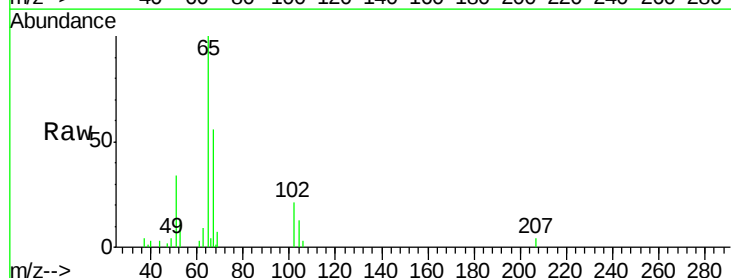
Acq: 12 Nov 2018 19:30

Tgt Ion: 65 Resp: 10420

Ion Ratio Lower Upper

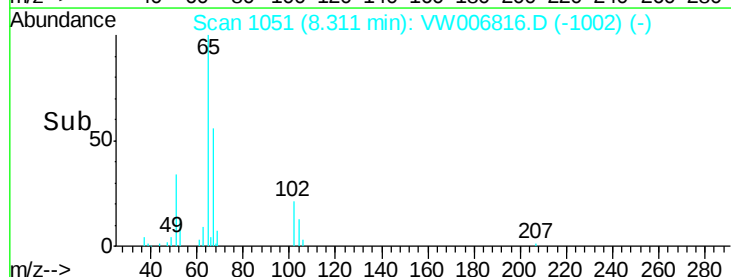
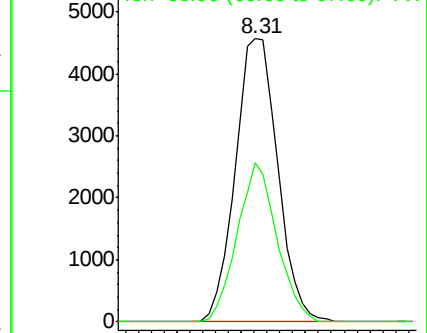
65 100

67 52.7 0.0 104.4

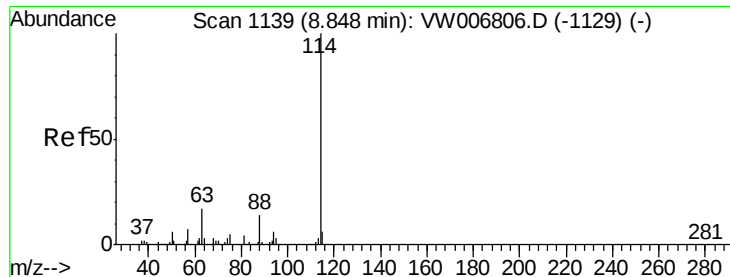


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



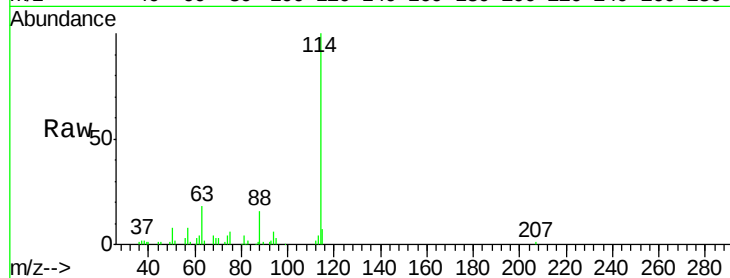
Time-->



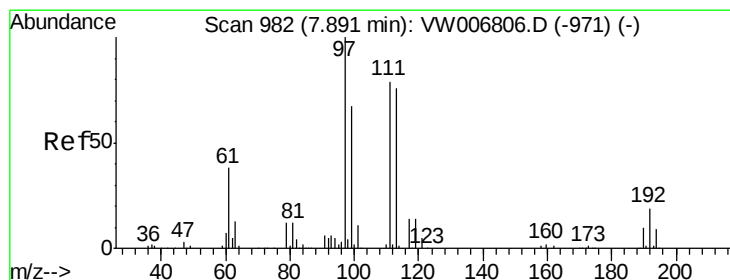
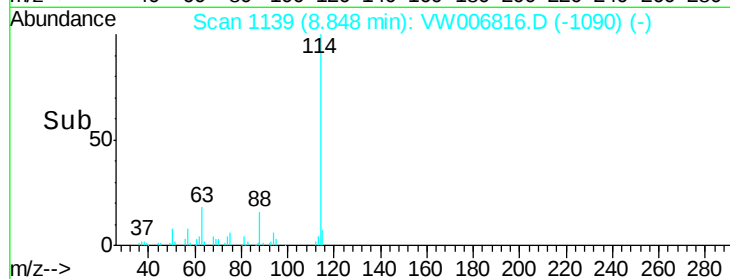
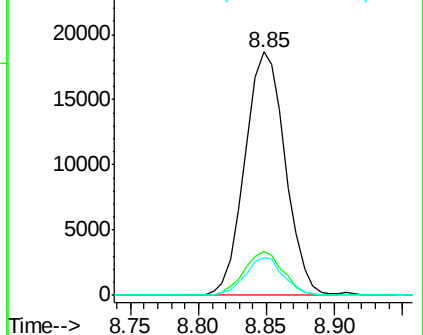
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)RE

Tgt Ion:114 Resp: 38764
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.6
 88 15.6 0.0 28.4

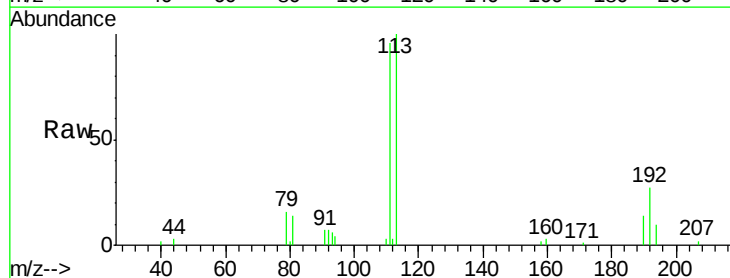


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

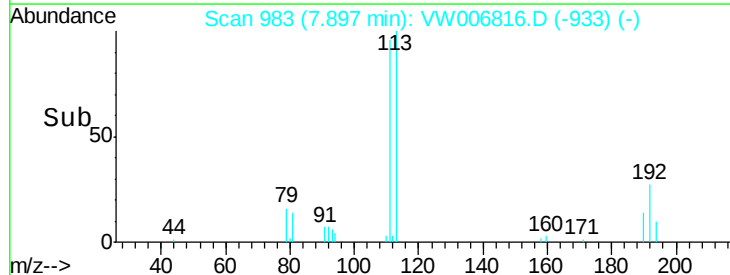
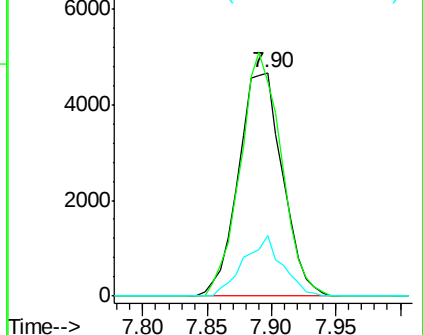


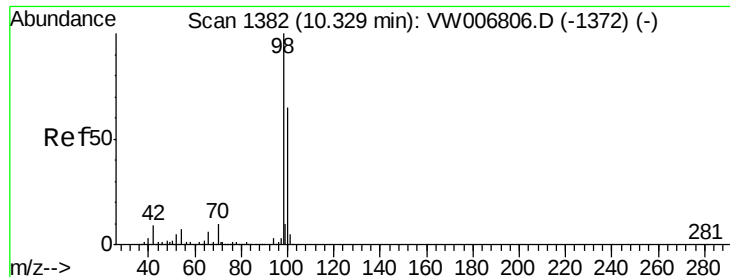
#35
 Dibromofluoromethane
 Concen: 48.187 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

Tgt Ion:113 Resp: 11123
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.0 121.6
 192 23.3 19.0 28.6



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: 38.609 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

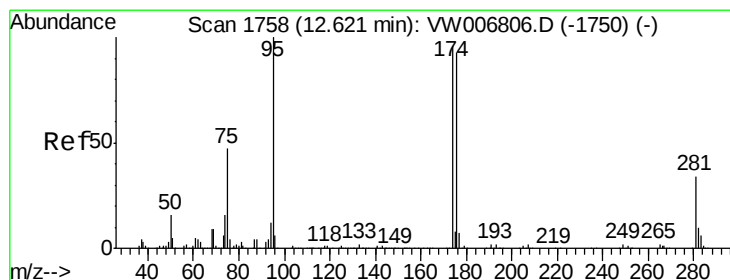
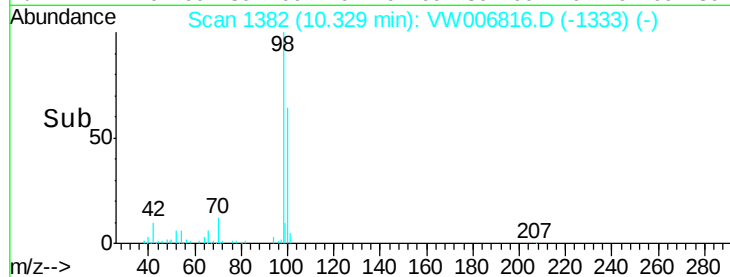
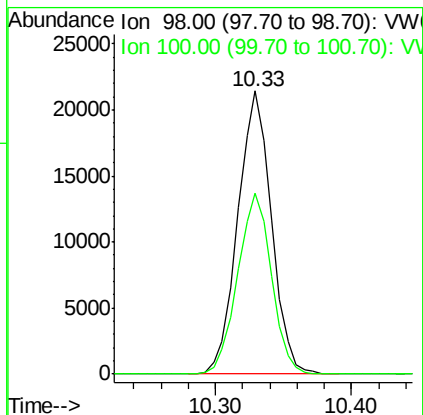
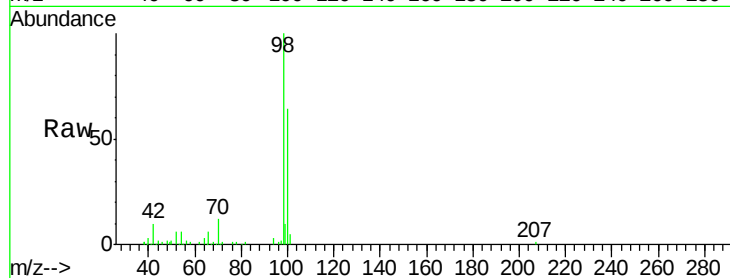
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Tgt Ion: 98 Resp: 36939

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 30.359 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

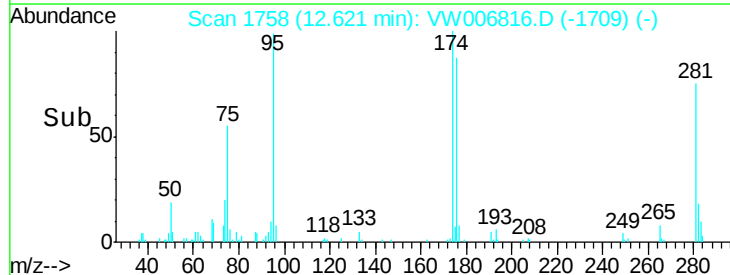
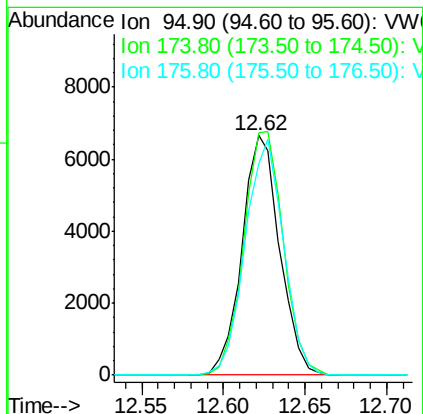
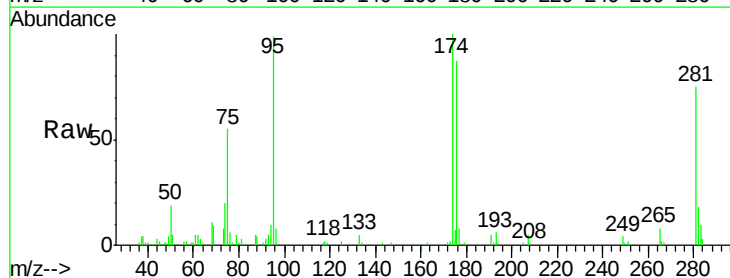
Tgt Ion: 95 Resp: 10698

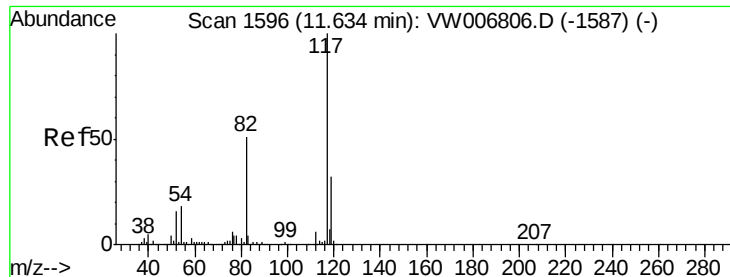
Ion Ratio Lower Upper

95 100

174 106.1 0.0 196.6

176 99.7 0.0 191.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)RE

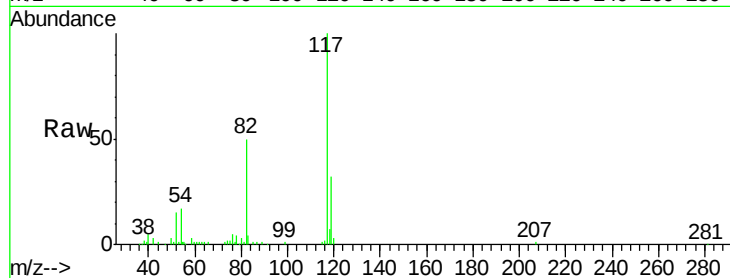
Tgt Ion:117 Resp: 34308

Ion Ratio Lower Upper

117 100

82 50.1 40.6 61.0

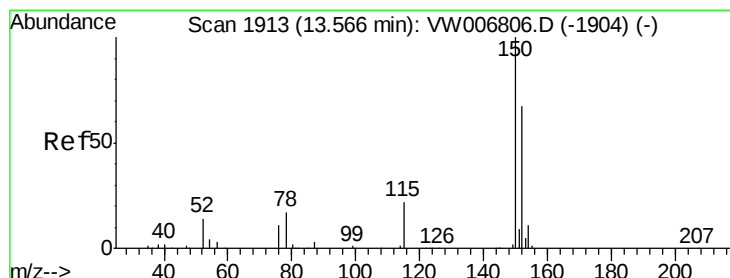
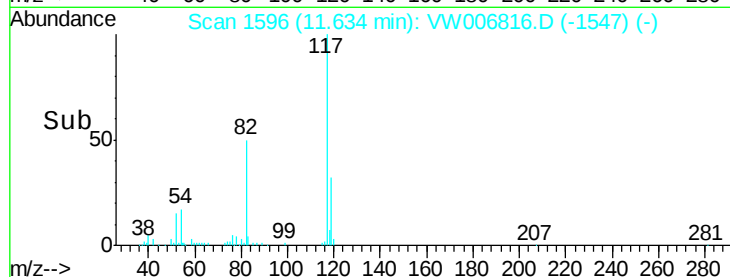
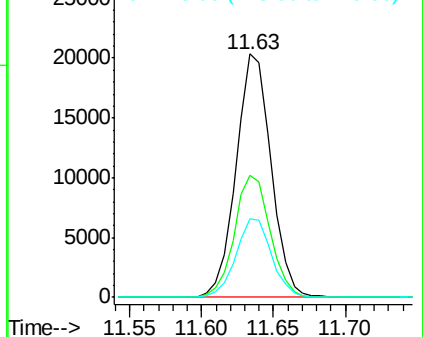
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

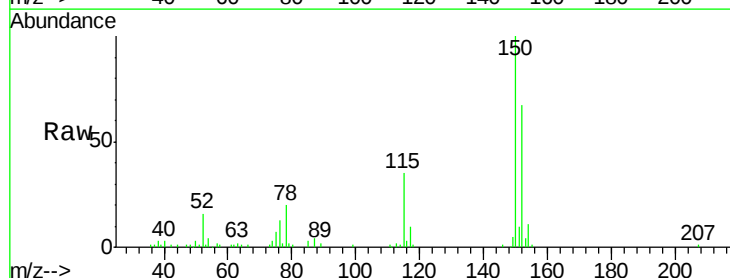
Tgt Ion:152 Resp: 14258

Ion Ratio Lower Upper

152 100

115 52.7 27.3 81.8

150 153.9 0.0 353.0



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

