

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015238.D
 Acq On : 20 Apr 2020 21:47
 Operator : SY/VA
 Sample : L2346-10
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-6A

Quant Time: Apr 21 07:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	202873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	50350	41.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.62%	
35) Dibromofluoromethane	7.88	113	51734	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
50) Toluene-d8	10.32	98	230228	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.62	95	69209	38.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.74%	

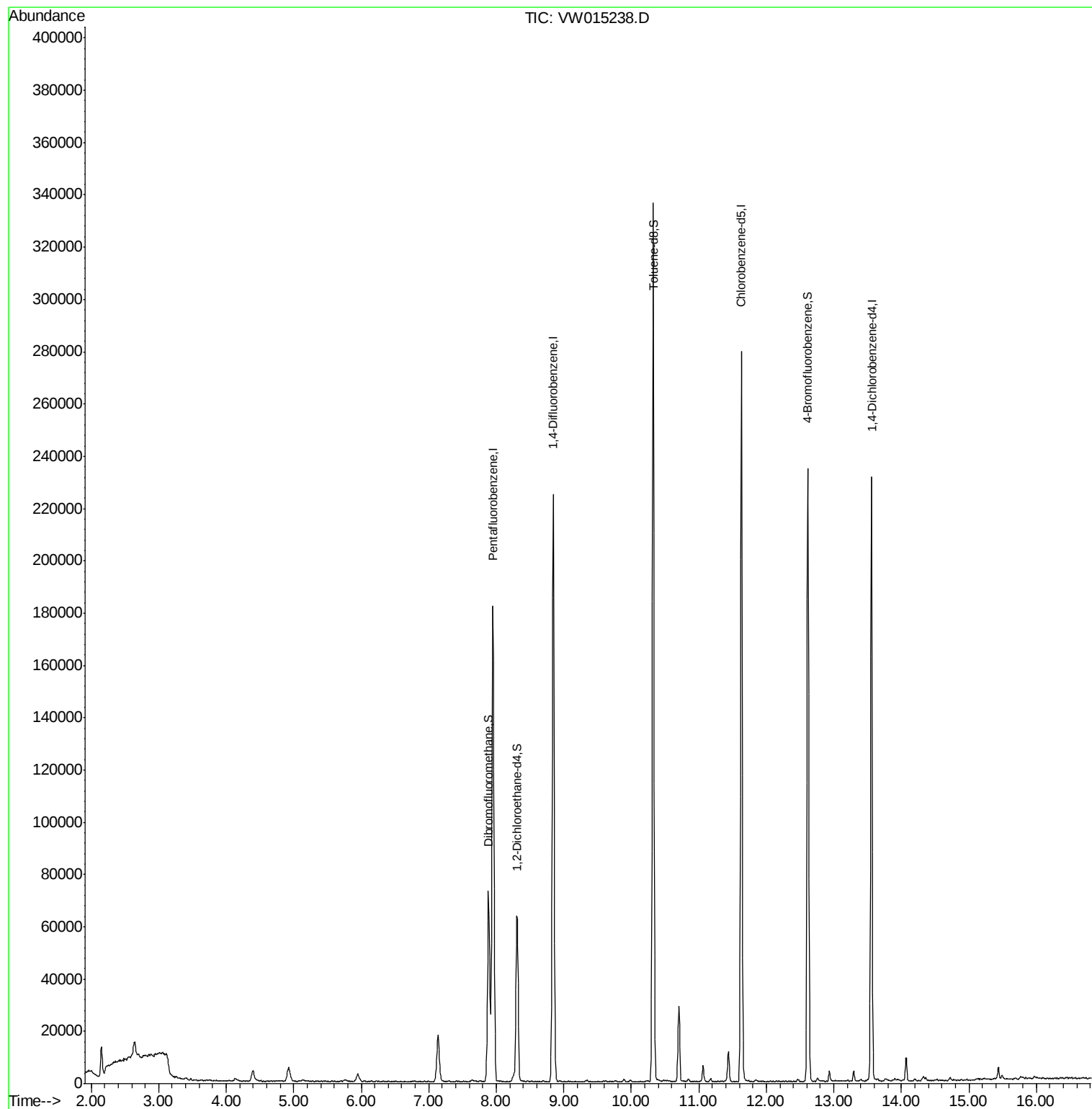
Target Compounds	Qvalue

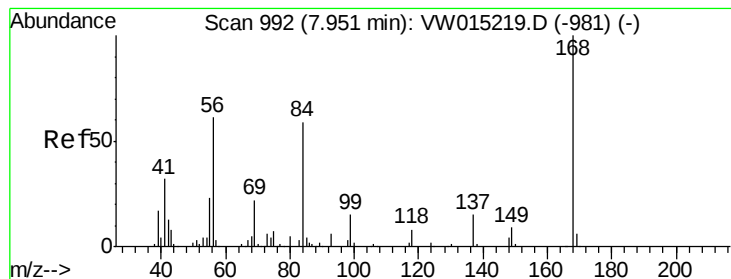
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampled :

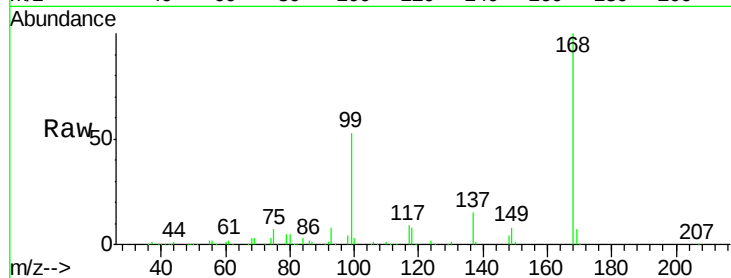
S-6A

Tot Ion:168 Resp: 147256

Ion Ratio Lower Upper

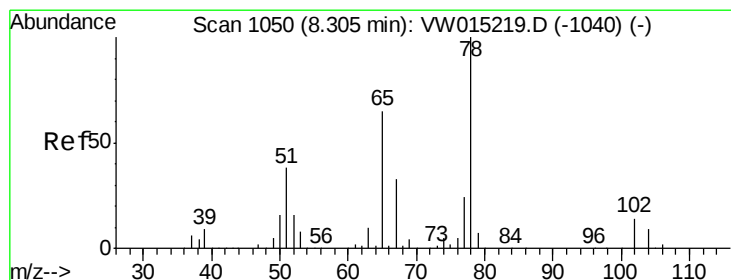
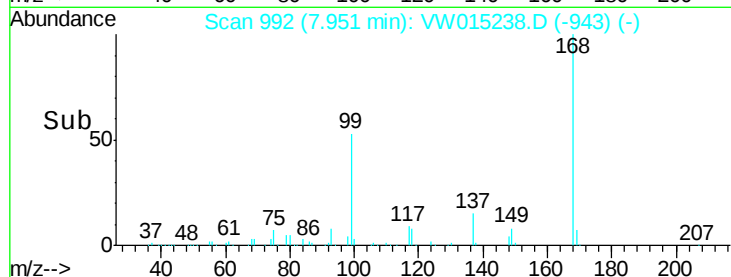
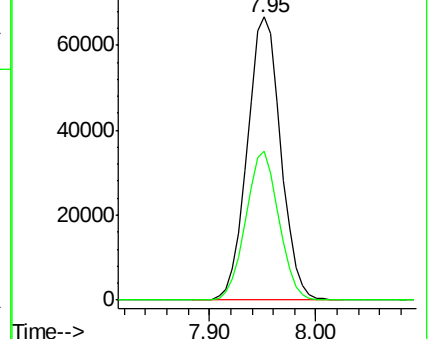
168 100

99 52.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 41.813 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015238.D

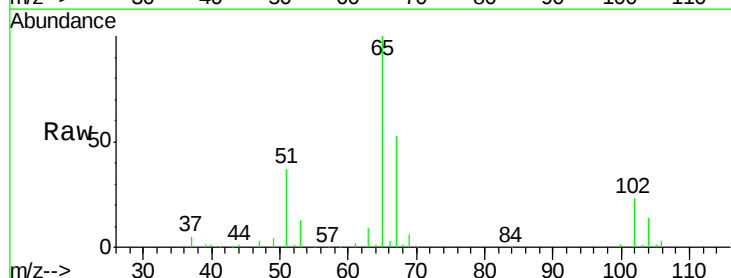
Acq: 20 Apr 2020 21:47

Tgt Ion: 65 Resp: 50350

Ion Ratio Lower Upper

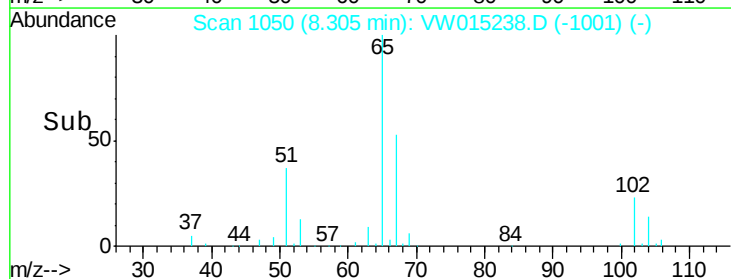
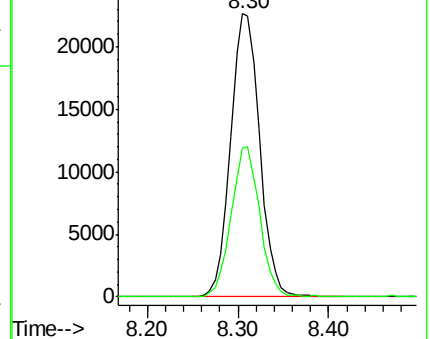
65 100

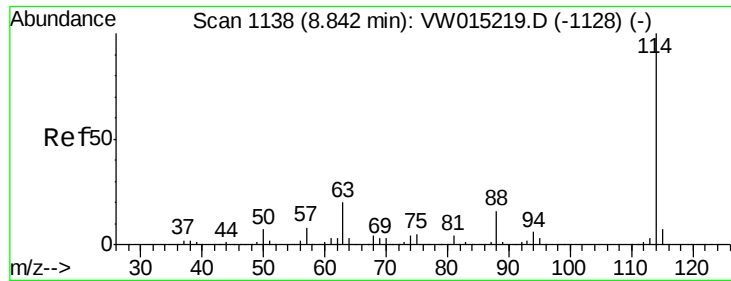
67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

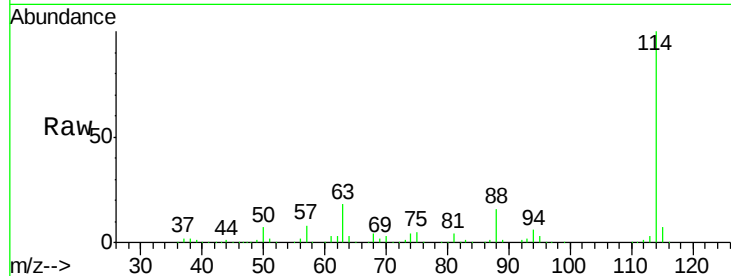




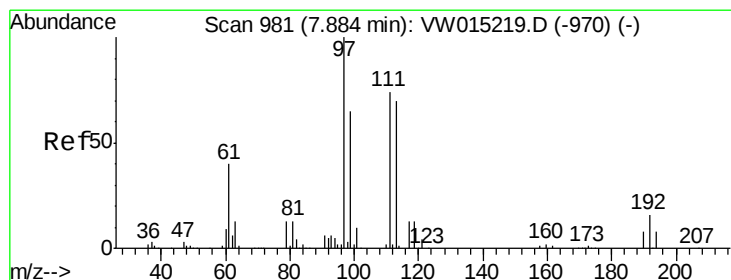
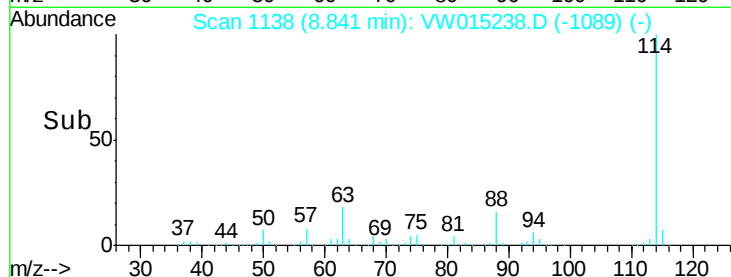
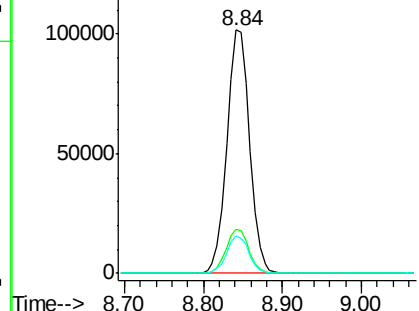
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015238.D
 Acq: 20 Apr 2020 21:47

Instrument :
 MSVOA_W
 ClientSampled :
 S-6A

Tot Ion:114 Resp: 202873
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 15.5 0.0 30.2

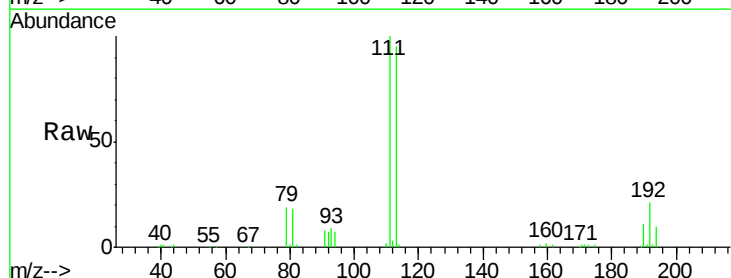


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

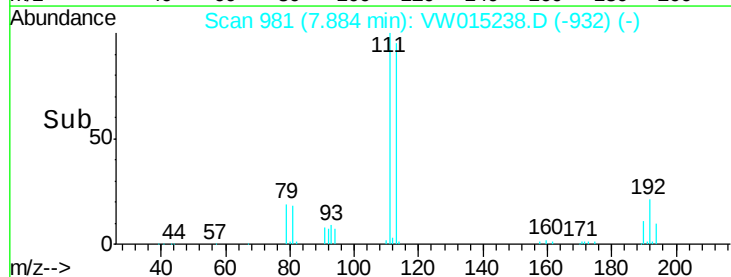
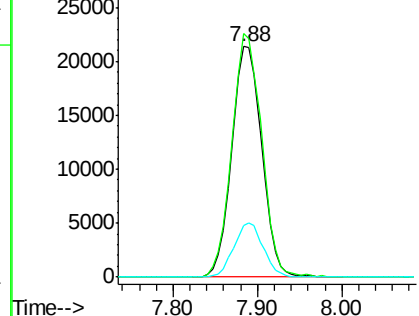


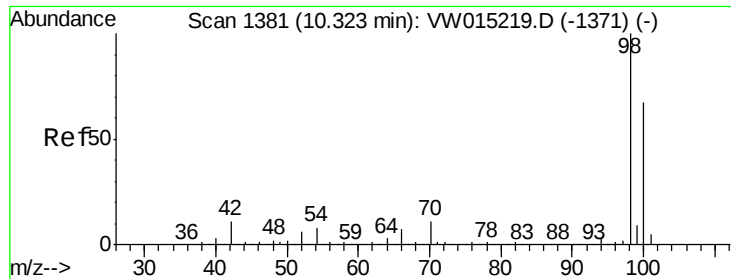
#35
 Dibromofluoromethane
 Concen: 46.037 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015238.D
 Acq: 20 Apr 2020 21:47

Tgt Ion:113 Resp: 51734
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.0 124.4
 192 22.7 15.1 22.7#



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

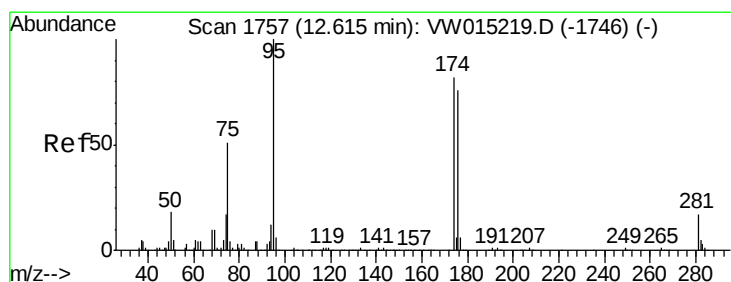
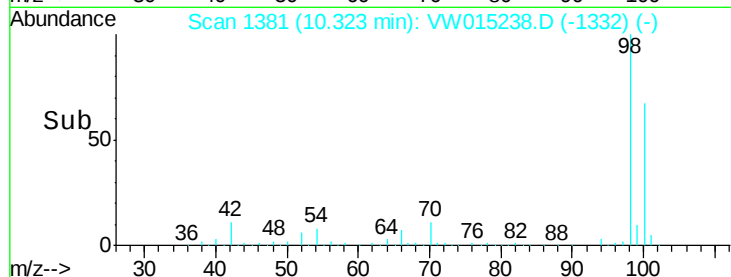
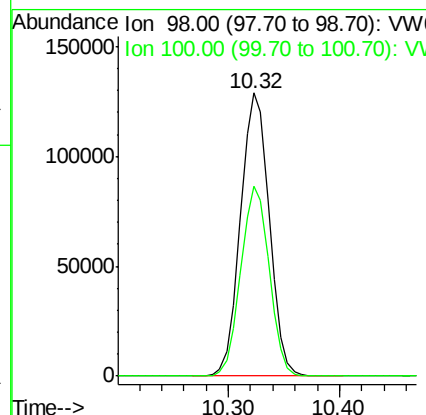
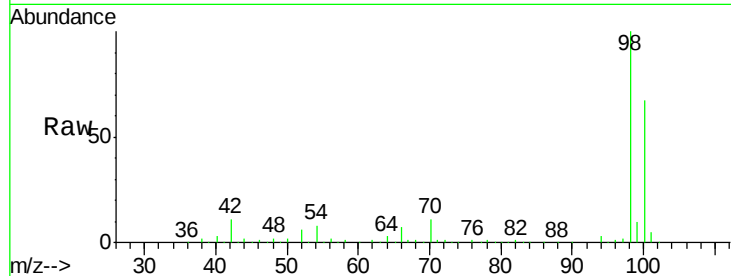




#50
Toluene-d8
Concen: 48.702 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015238.D
Acq: 20 Apr 2020 21:47

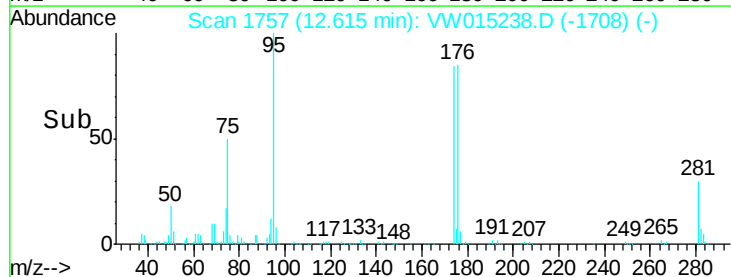
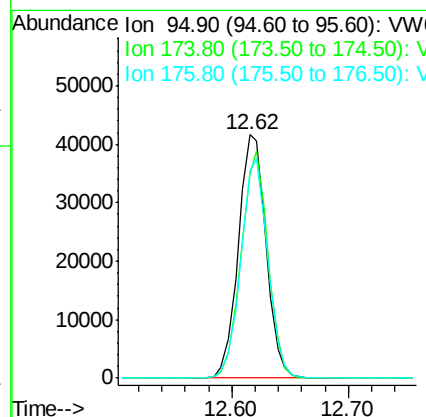
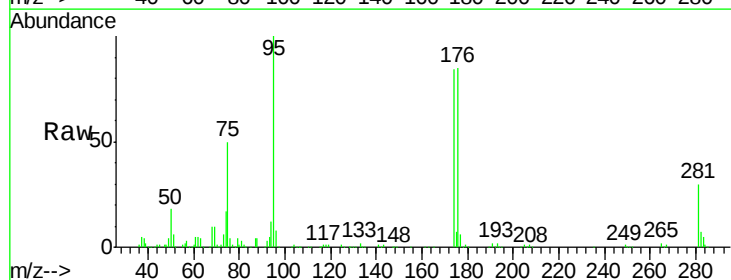
Instrument :
MSVOA_W
ClientSampleId :
S-6A

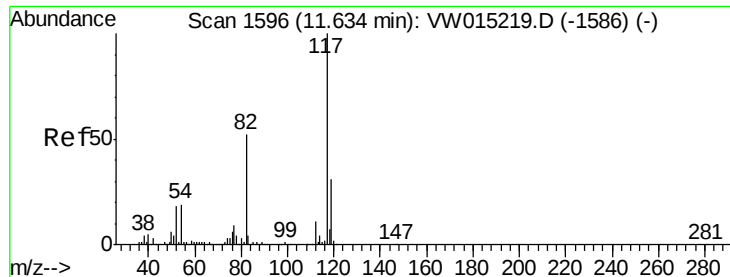
Tot Ion: 98 Resp: 230228
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 38.371 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015238.D
Acq: 20 Apr 2020 21:47

Tgt Ion: 95 Resp: 69209
Ion Ratio Lower Upper
95 100
174 89.7 0.0 144.4
176 87.6 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampled :

S-6A

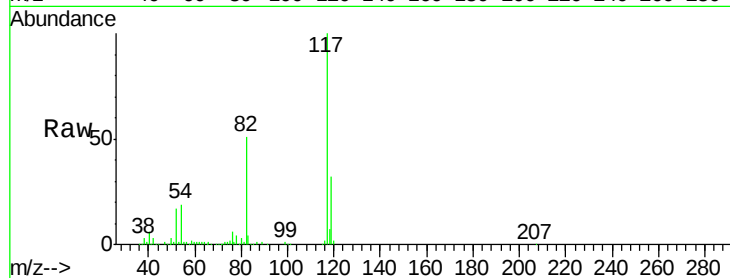
Tot Ion:117 Resp: 165233

Ion Ratio Lower Upper

117 100

82 50.7 44.1 66.1

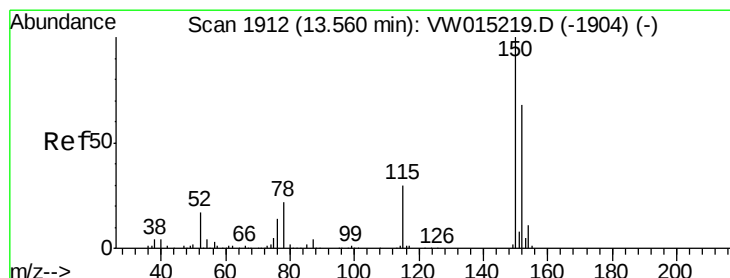
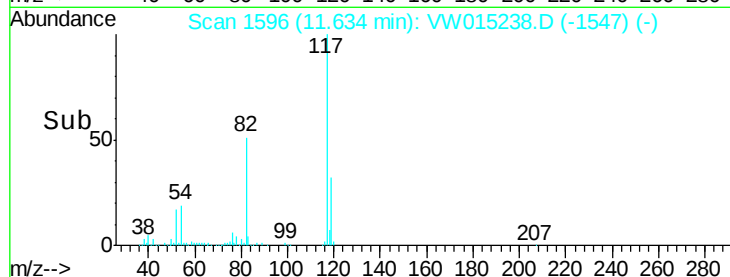
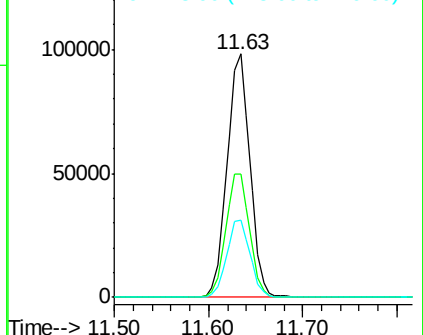
119 31.5 24.9 37.3



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

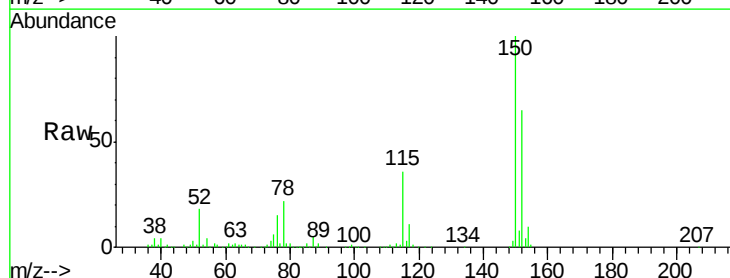
Tgt Ion:152 Resp: 65201

Ion Ratio Lower Upper

152 100

115 56.8 31.3 93.9

150 156.3 0.0 343.4



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

