

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008160.D
 Acq On : 10 Jan 2019 20:21
 Operator : SY/AP
 Sample : K1088-07
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-05(15-20)

Quant Time: Jan 11 06:44:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

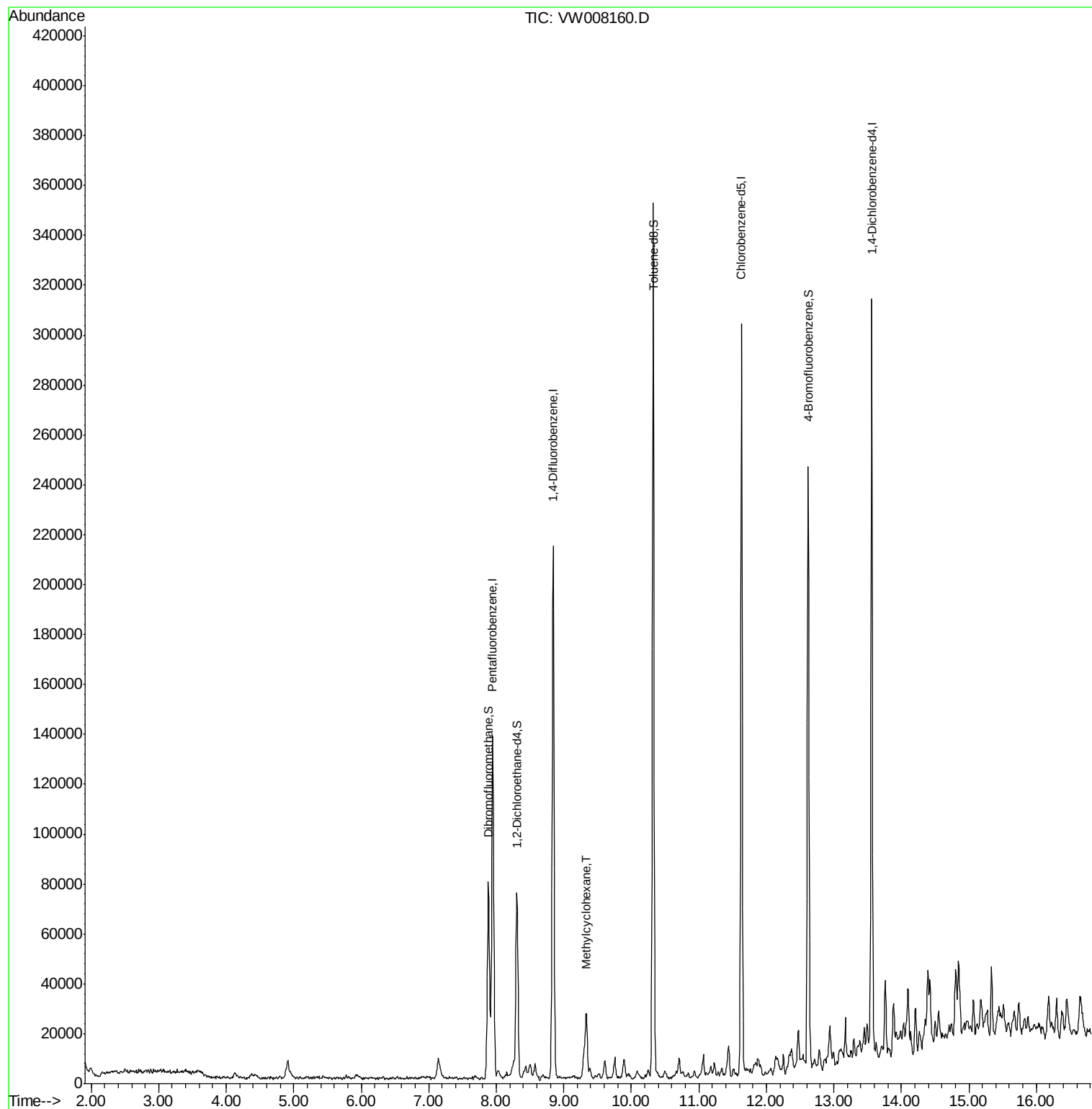
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	178711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57089	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.88	113	56158	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	10.32	98	229816	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.62	95	79771	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
Target Compounds						
39) Methylcyclohexane	9.34	83	10447	4.476	ug/l #	83

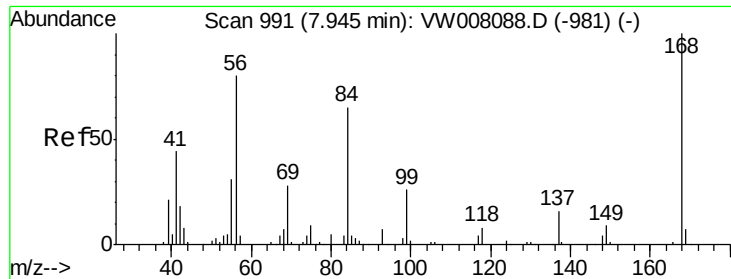
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008160.D

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MSVOA_W

ClientSampleId :

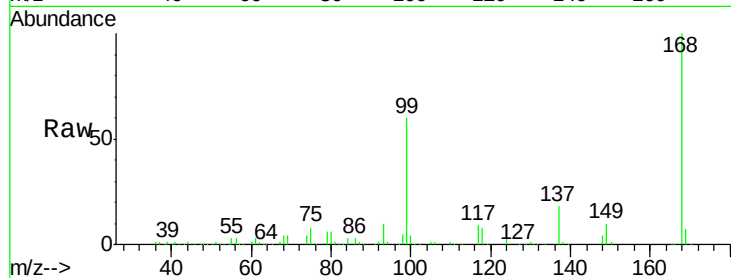
CPSB-05(15-20)

Tot Ion:168 Resp: 97061

Ion Ratio Lower Upper

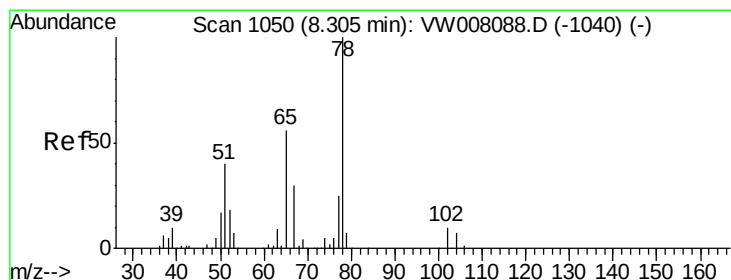
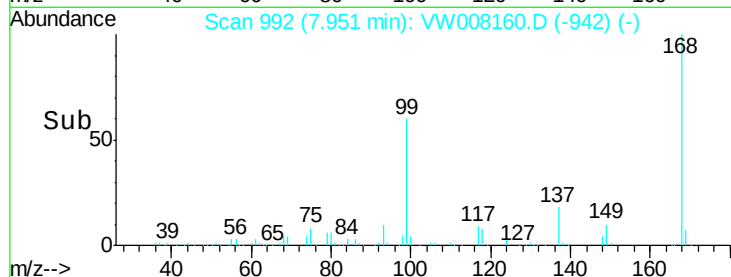
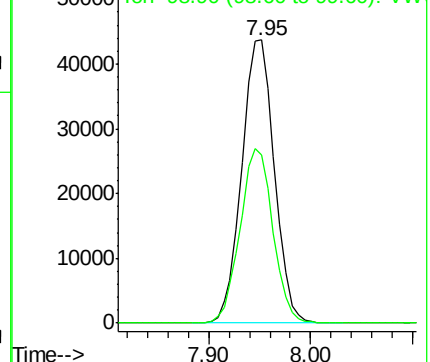
168 100

99 59.6 52.6 78.8



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: 52.333 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008160.D

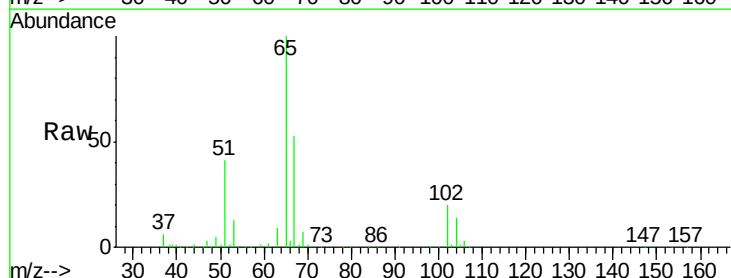
Acq: 10 Jan 2019 20:21

Tgt Ion: 65 Resp: 57089

Ion Ratio Lower Upper

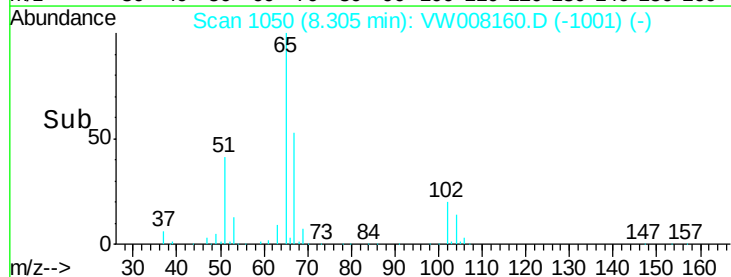
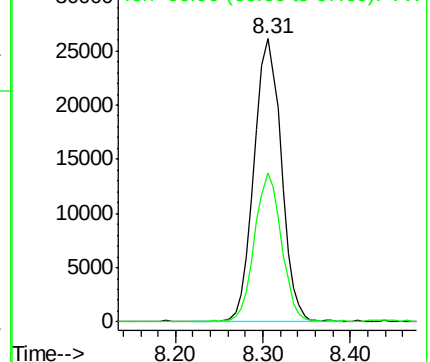
65 100

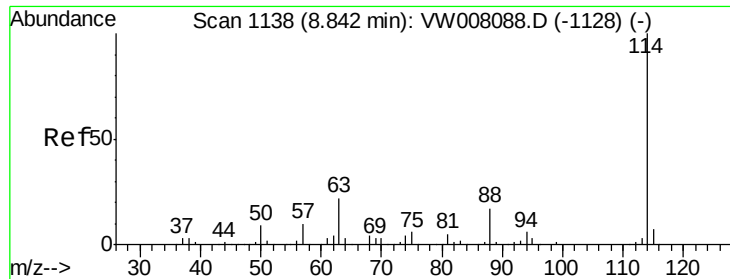
67 51.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

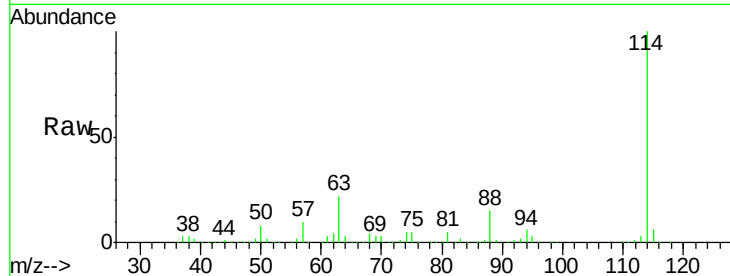




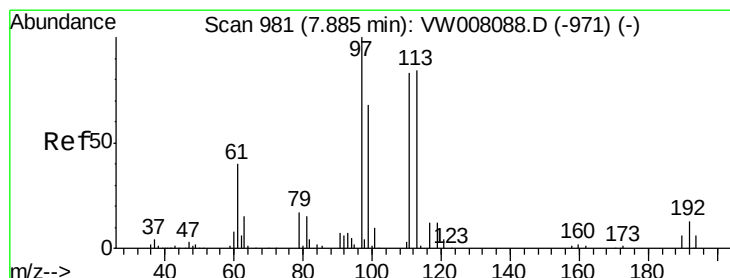
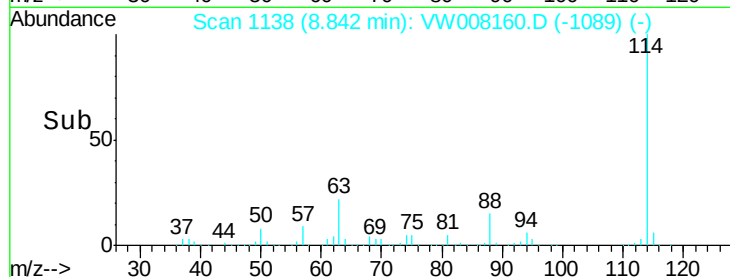
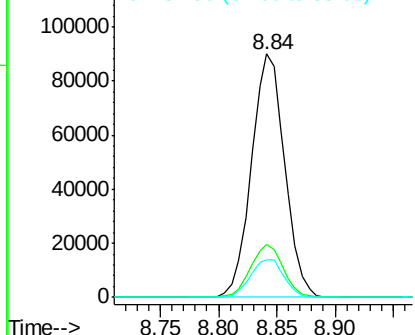
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008160.D
Acq: 10 Jan 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(15-20)

Tot Ion:114 Resp: 178711
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.2 0.0 33.4

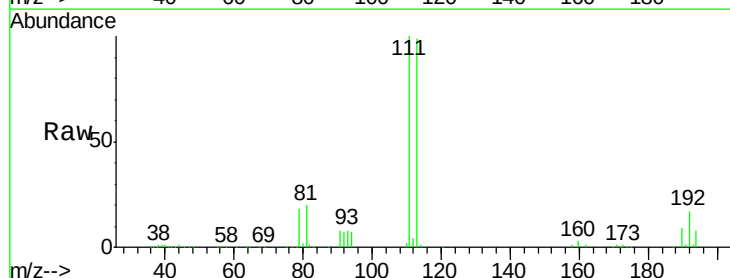


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

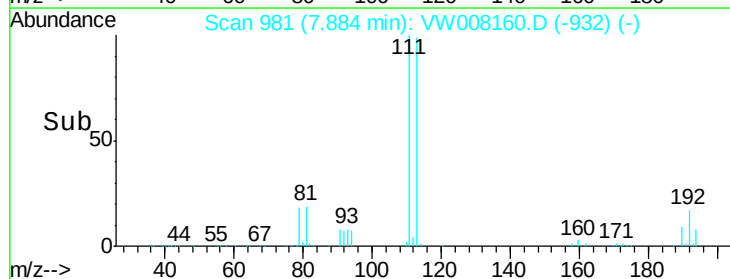
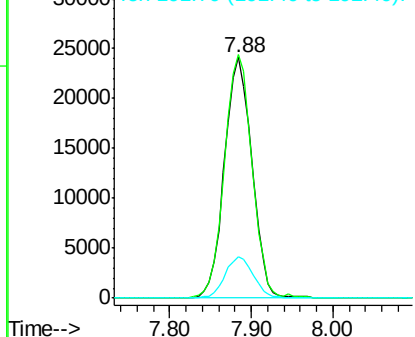


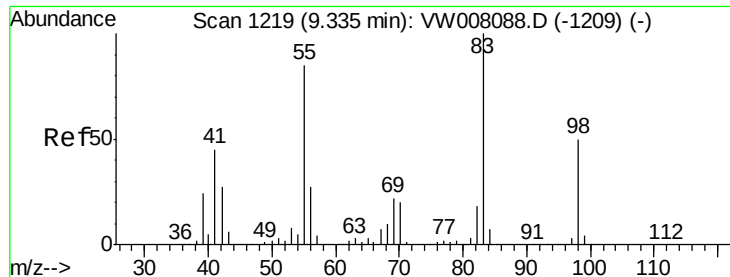
#35
Dibromofluoromethane
Concen: 53.878 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008160.D
Acq: 10 Jan 2019 20:21

Tgt Ion:113 Resp: 56158
Ion Ratio Lower Upper
113 100
111 100.6 81.8 122.8
192 17.7 12.8 19.2



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

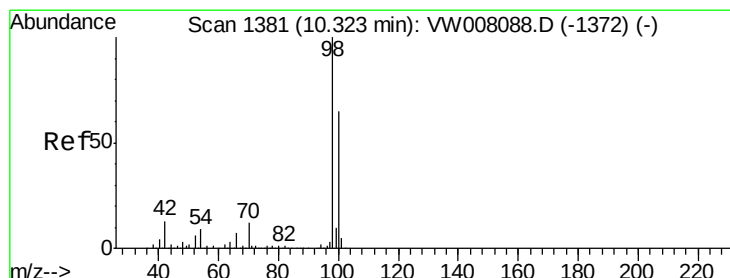
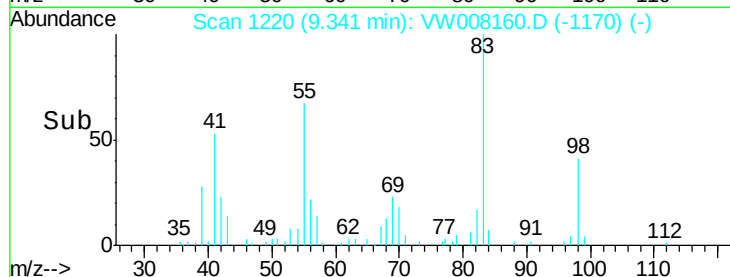
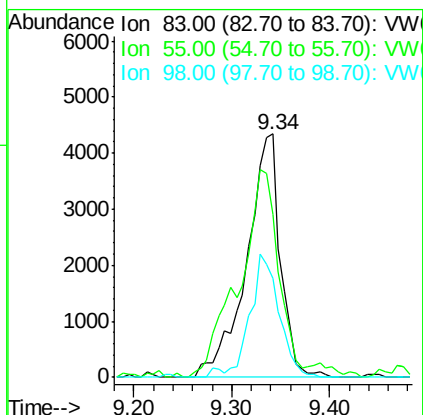
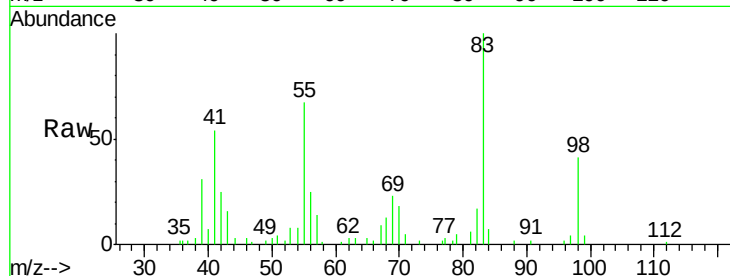




#39
Methylvlcyclohexane
Concen: 4.476 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW008160.D
Acq: 10 Jan 2019 20:21

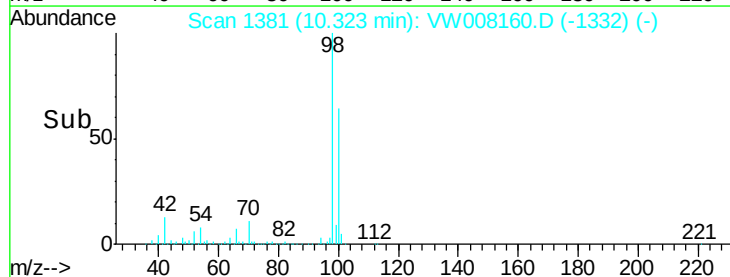
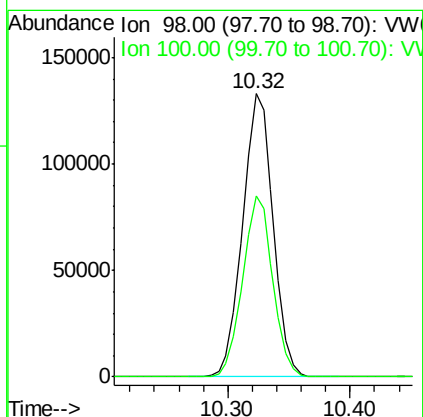
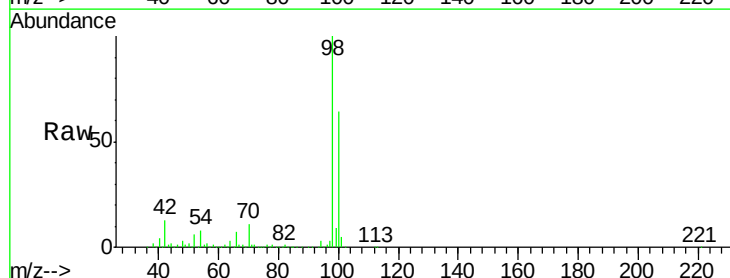
Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(15-20)

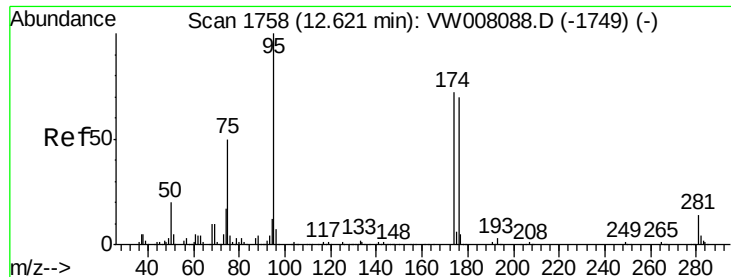
Tot Ion: 83 Resp: 10447
Ion Ratio Lower Upper
83 100
55 66.9 67.8 101.6#
98 40.8 40.2 60.4



#50
Toluene-d8
Concen: 52.542 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008160.D
Acq: 10 Jan 2019 20:21

Tgt Ion: 98 Resp: 229816
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008160.D

Acq: 10 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-05(15-20)

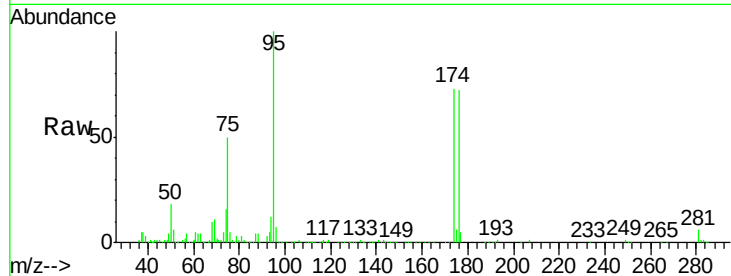
Tot Ion: 95 Resp: 79771

Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.0

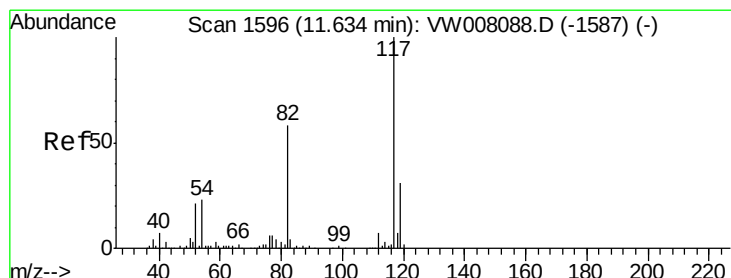
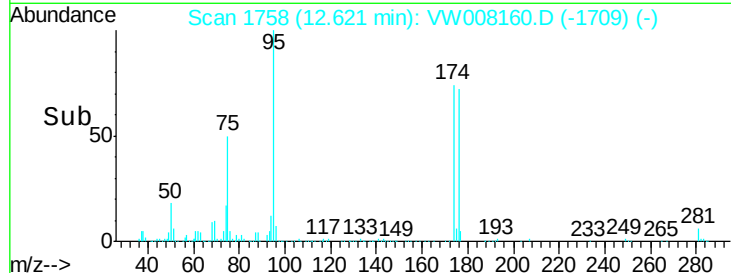
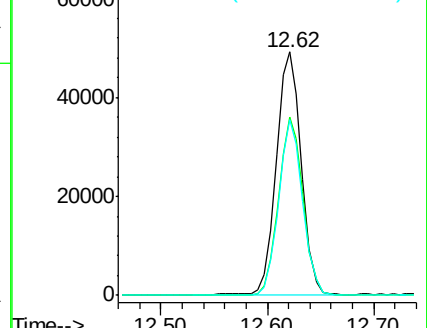
176 69.5 0.0 140.2



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008160.D

Acq: 10 Jan 2019 20:21

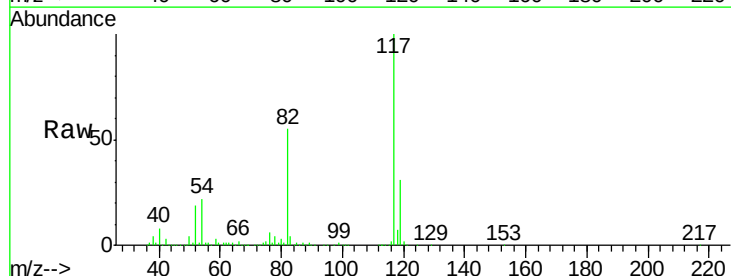
Tgt Ion: 117 Resp: 161115

Ion Ratio Lower Upper

117 100

82 55.2 46.4 69.6

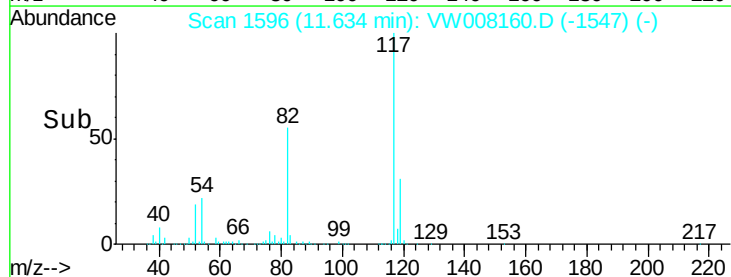
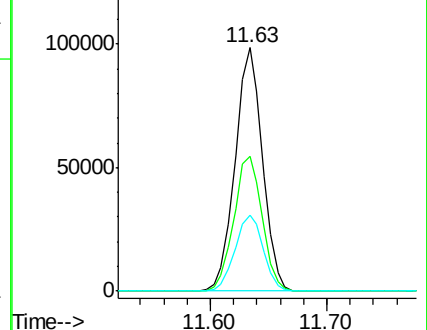
119 31.4 24.7 37.1

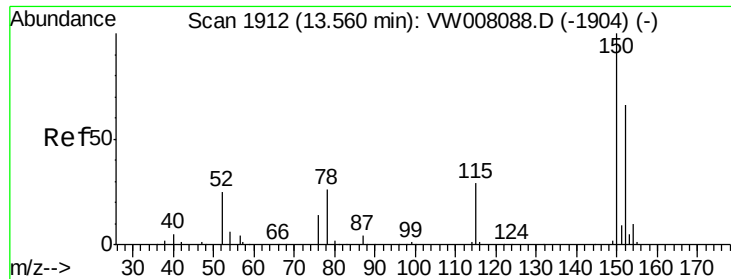


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008160.D
 Acq: 10 Jan 2019 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-05(15-20)

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.8	92.4
150	156.5	0.0	350.2

