

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011019\
 Data File : VW008187.D
 Acq On : 11 Jan 2019 10:00
 Operator : SY/AP
 Sample : K1102-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-13(15-20)

Quant Time: Jan 16 08:32:32 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

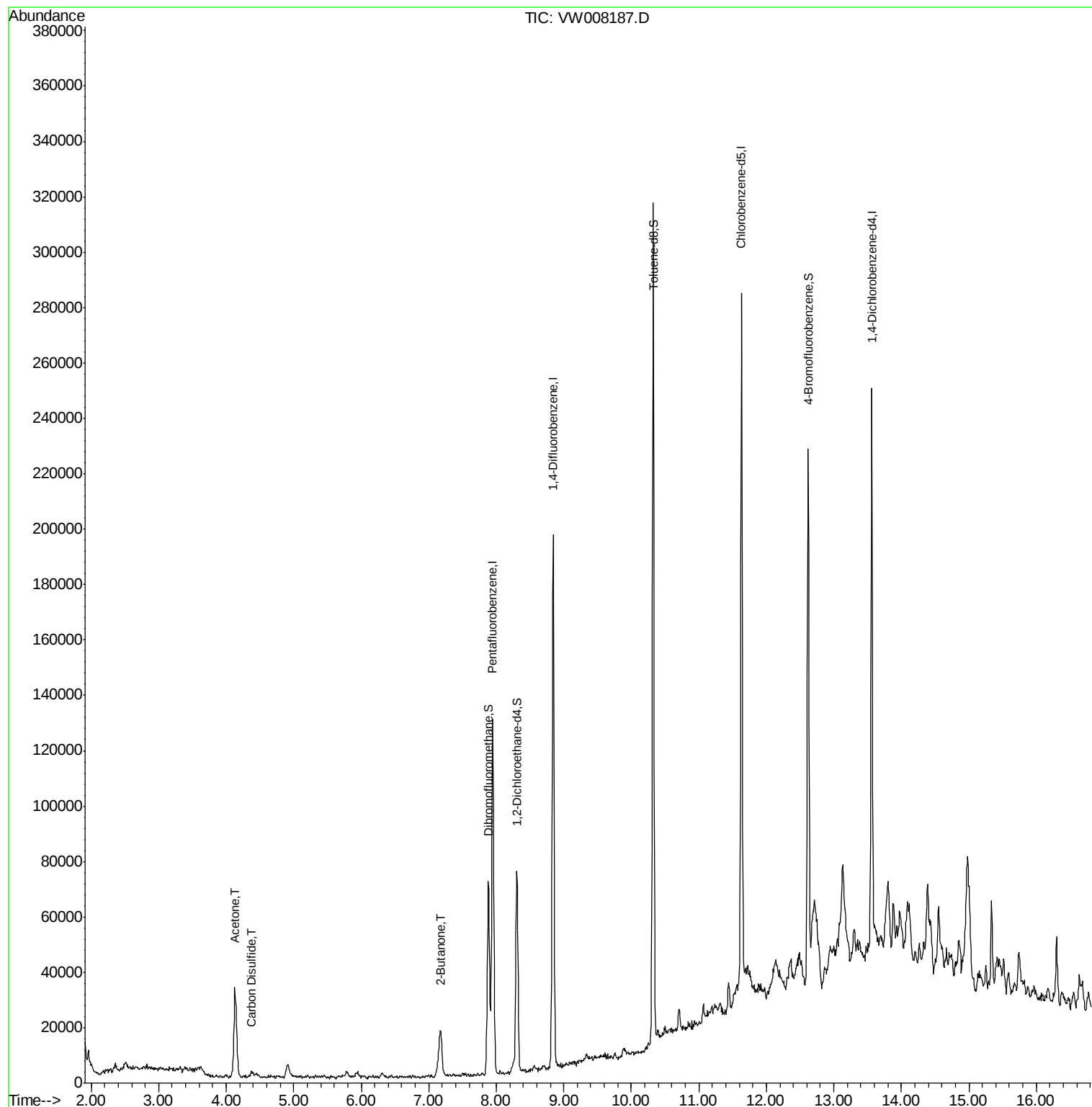
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54987	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
35) Dibromofluoromethane	7.88	113	50935	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	10.32	98	200957	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	60368	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
Target Compounds						
16) Acetone	4.13	43	59539	314.725	ug/l	98
17) Carbon Disulfide	4.37	76	3310	1.015	ug/l #	87
25) 2-Butanone	7.18	43	23913	80.242	ug/l	98

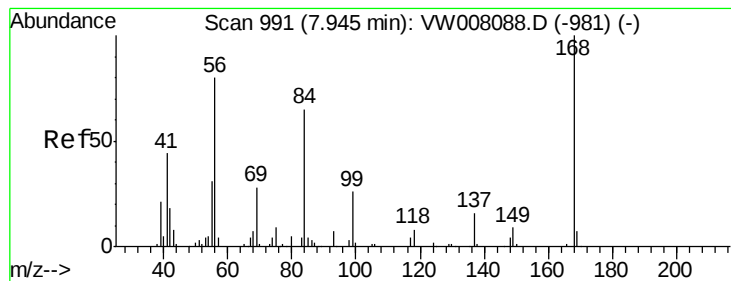
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008187.D

Acq: 11 Jan 2019 10:00

Instrument :

MSVOA_W

ClientSampleId :

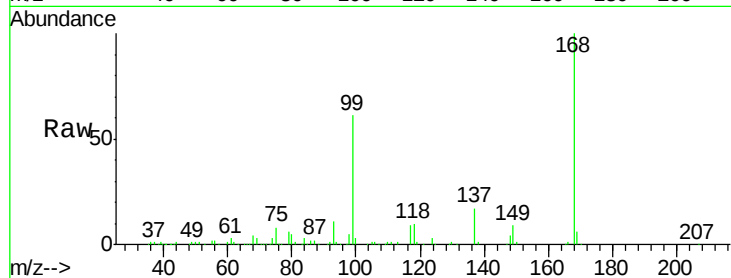
CPSB-13(15-20)

Tot Ion:168 Resp: 95300

Ion Ratio Lower Upper

168 100

99 60.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

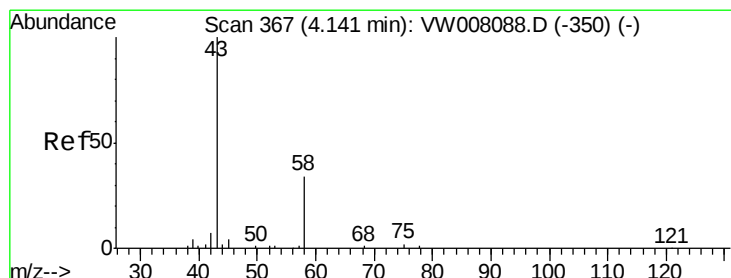
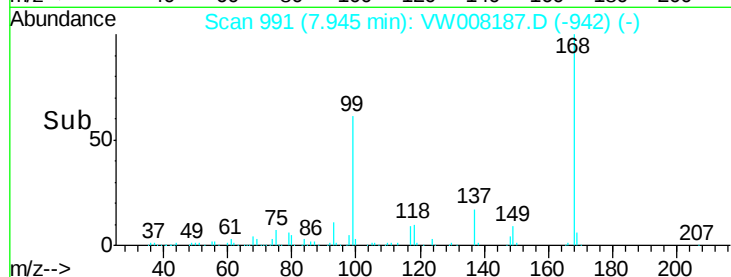
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 314.725 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008187.D

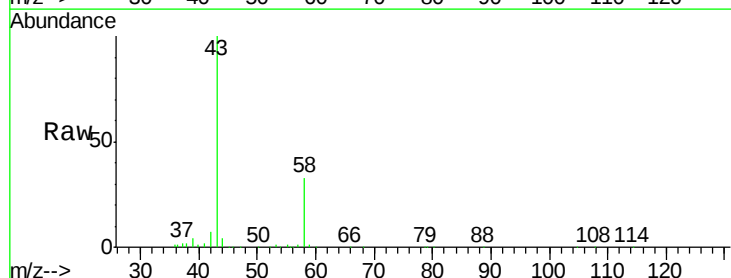
Acq: 11 Jan 2019 10:00

Tgt Ion: 43 Resp: 59539

Ion Ratio Lower Upper

43 100

58 33.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

15000

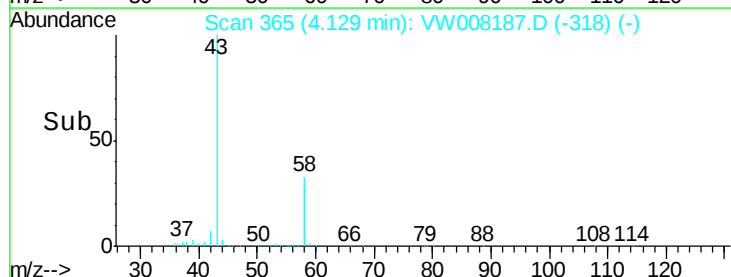
10000

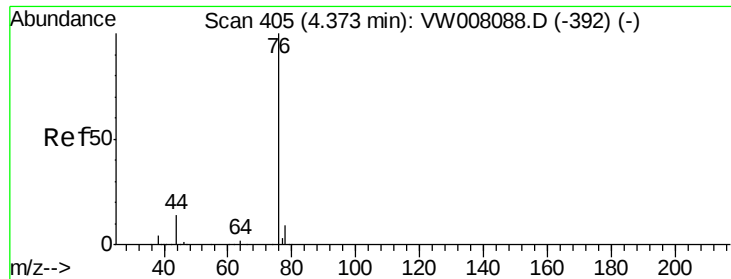
5000

0

4.00 4.10 4.20

Time-->

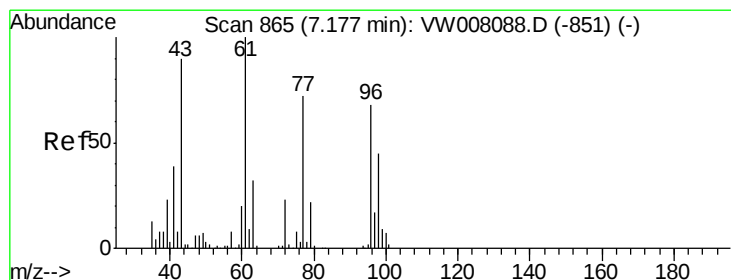
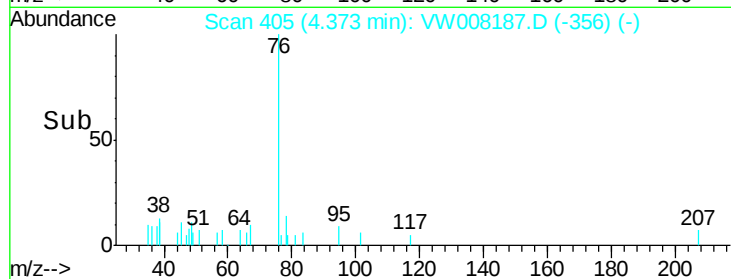
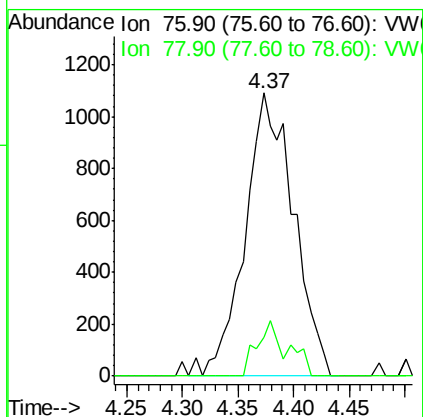
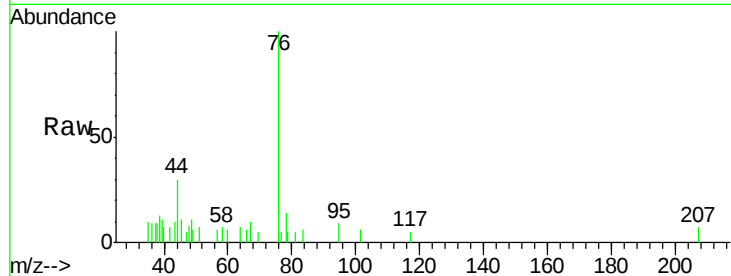




#17
 Carbon Disulfide
 Concen: 1.015 ug/l
 RT: 4.37 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: VW008187.D
 Acq: 11 Jan 2019 10:00

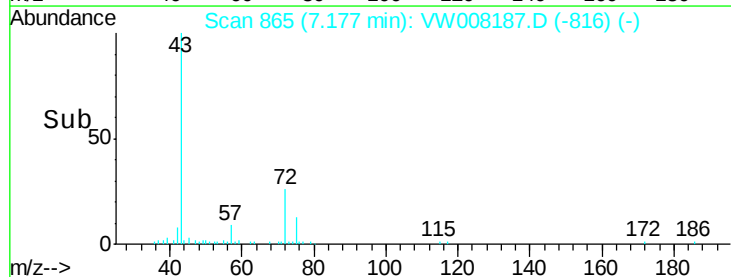
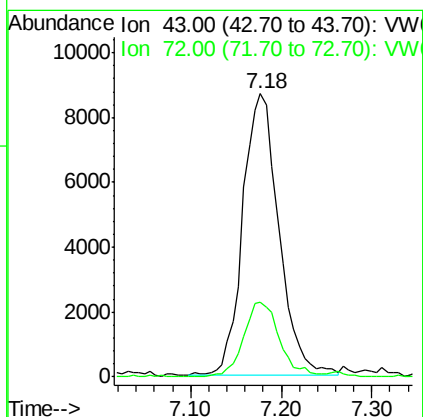
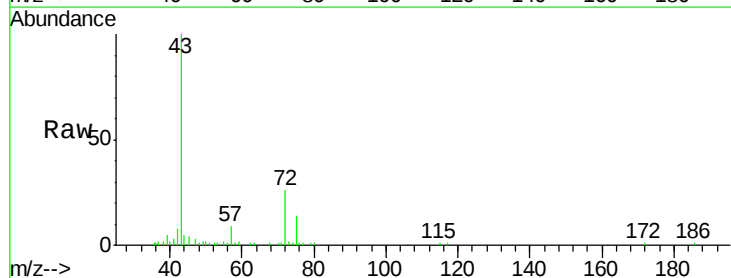
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-13(15-20)

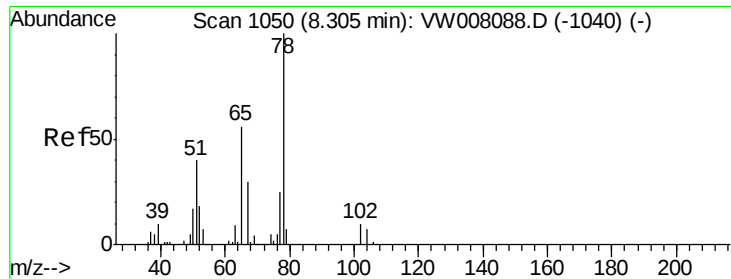
Tot Ion: 76 Resp: 3310
 Ion Ratio Lower Upper
 76 100
 78 13.7 7.0 10.6#



#25
 2-Butanone
 Concen: 80.242 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW008187.D
 Acq: 11 Jan 2019 10:00

Tgt Ion: 43 Resp: 23913
 Ion Ratio Lower Upper
 43 100
 72 26.6 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 51.337 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008187.D

Acq: 11 Jan 2019 10:00

Instrument :

MSVOA_W

ClientSampleId :

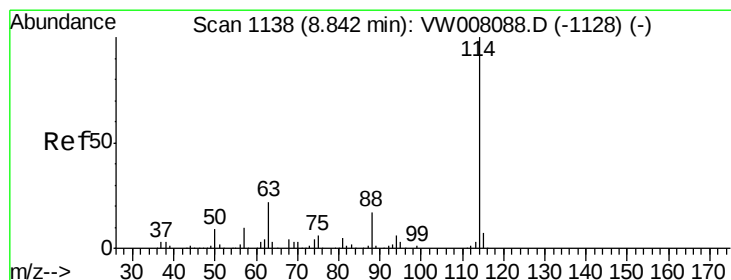
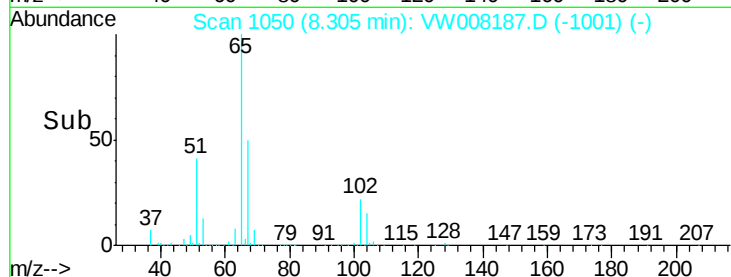
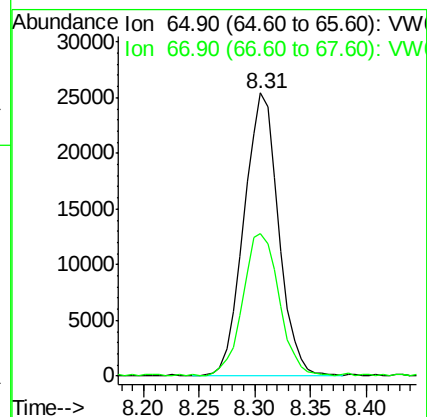
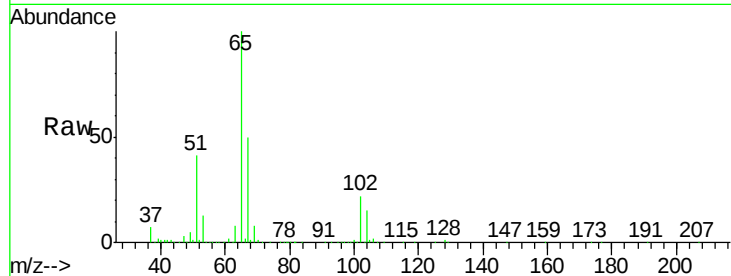
CPSB-13(15-20)

Tot Ion: 65 Resp: 54987

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008187.D

Acq: 11 Jan 2019 10:00

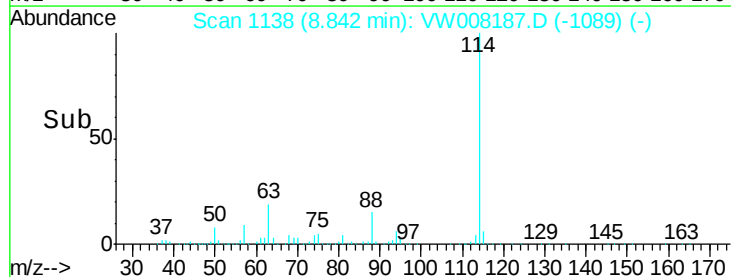
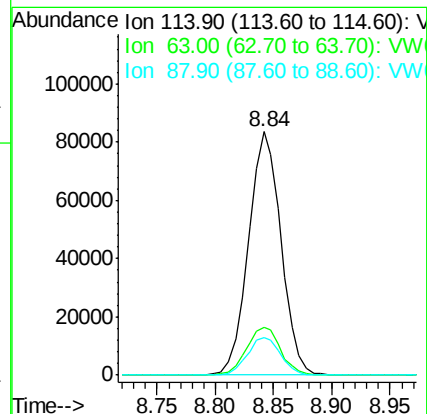
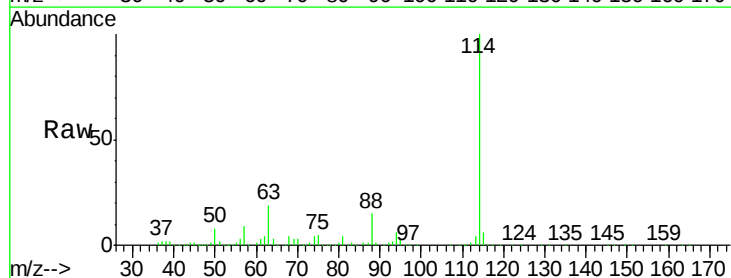
Tgt Ion: 114 Resp: 162384

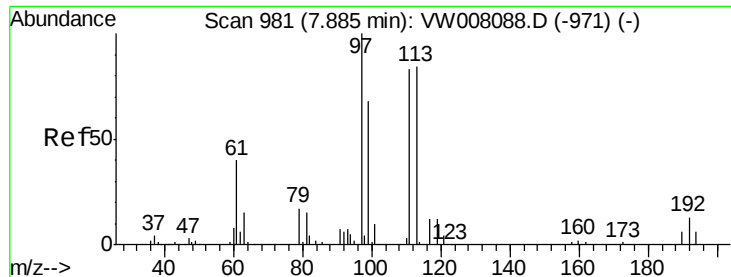
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.4

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.781 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008187.D

Acq: 11 Jan 2019 10:00

Instrument :

MSVOA_W

ClientSampleId :

CPSB-13(15-20)

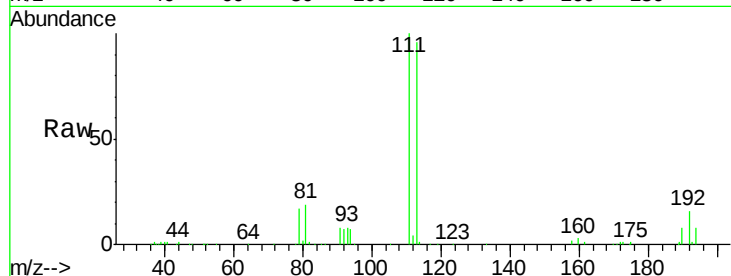
Tot Ion:113 Resp: 50935

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

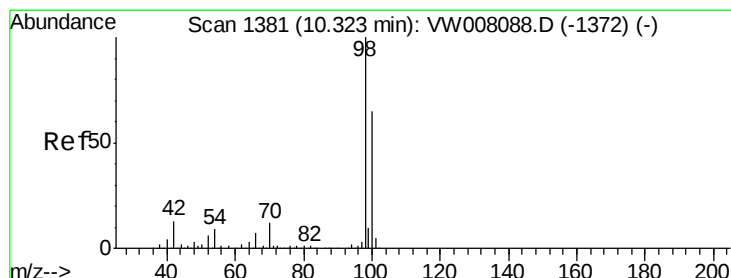
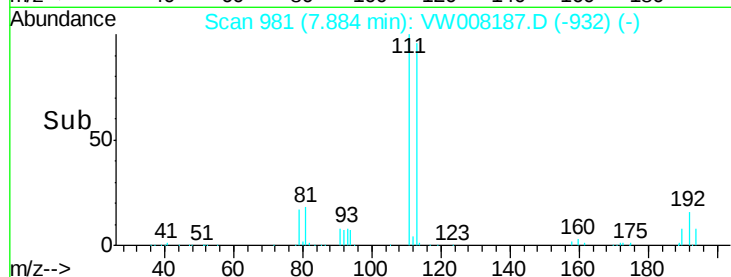
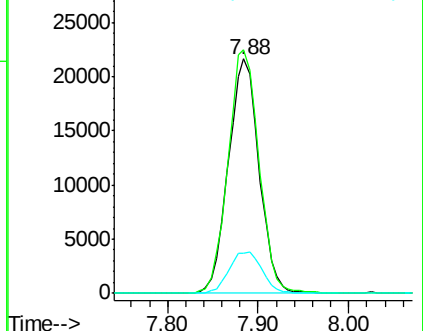
192 18.9 12.8 19.2



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



#50

Toluene-d8

Concen: 50.564 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008187.D

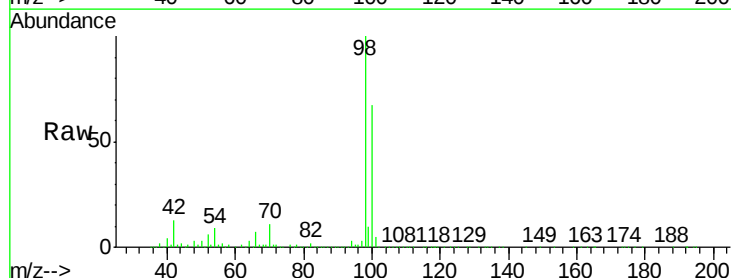
Acq: 11 Jan 2019 10:00

Tgt Ion: 98 Resp: 200957

Ion Ratio Lower Upper

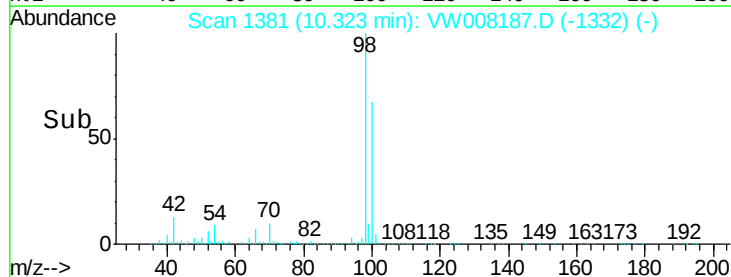
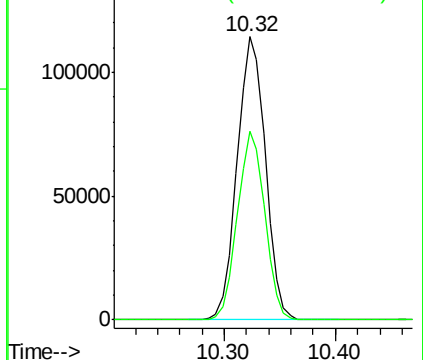
98 100

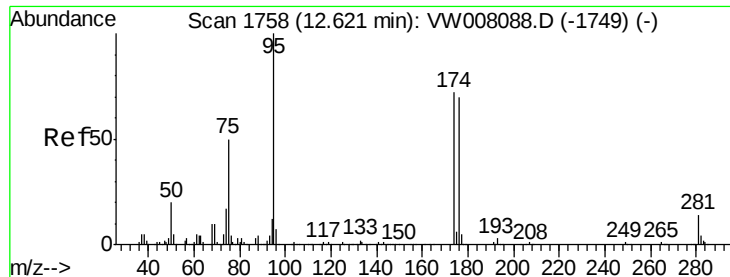
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.370 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008187.D

Acq: 11 Jan 2019 10:00

Instrument :

MSVOA_W

ClientSampleId :

CPSB-13(15-20)

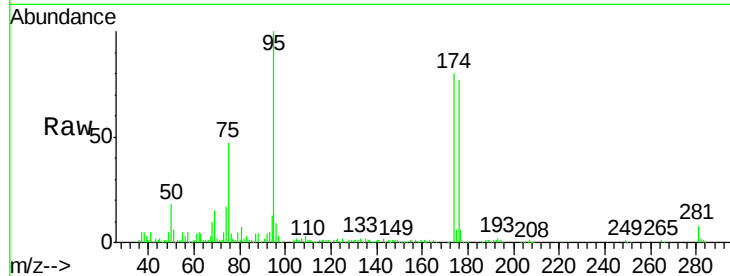
Tot Ion: 95 Resp: 60368

Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.0

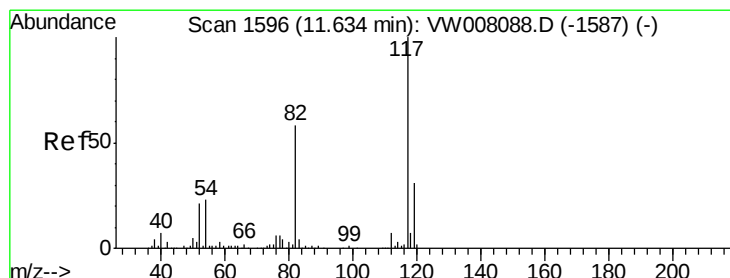
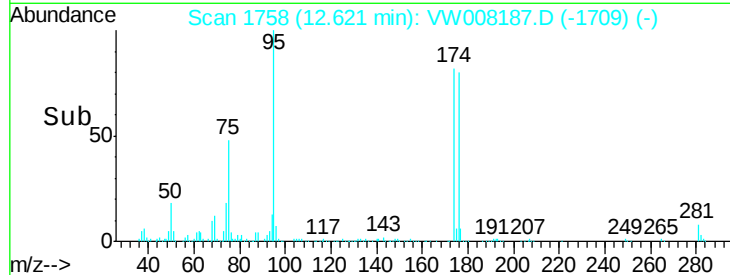
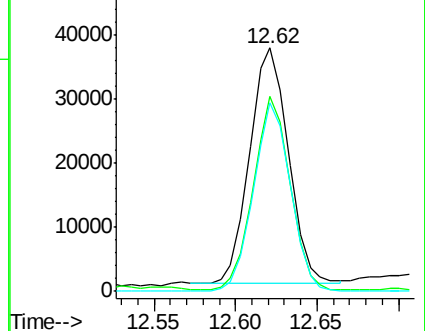
176 76.4 0.0 140.2



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: VW008187.D

Acq: 11 Jan 2019 10:00

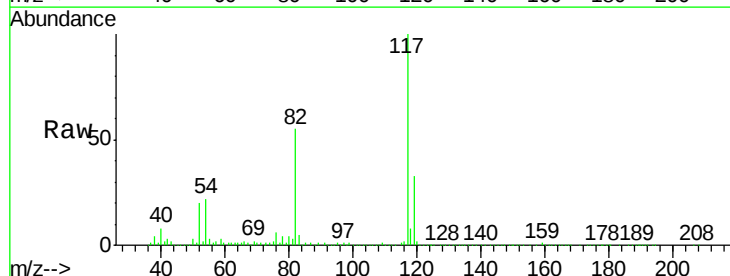
Tgt Ion: 117 Resp: 137709

Ion Ratio Lower Upper

117 100

82 55.1 46.4 69.6

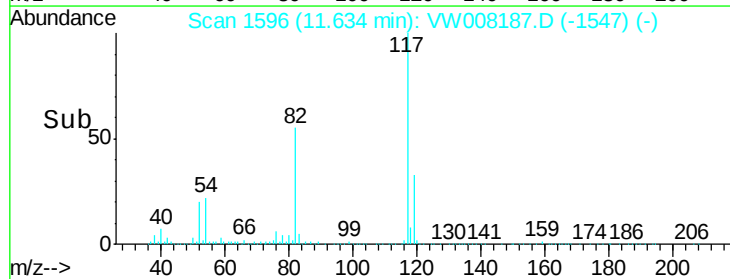
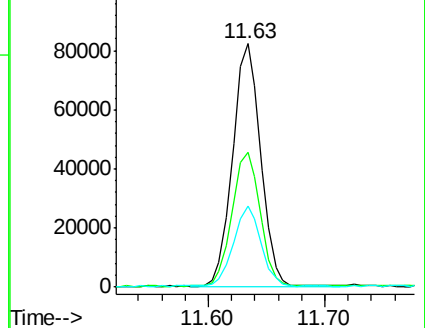
119 32.9 24.7 37.1

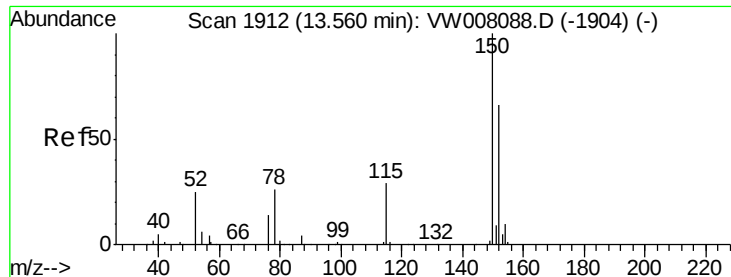


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008187.D

Acq: 11 Jan 2019 10:00

Instrument :

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ClientSampleId :

CPSB-13(15-20)

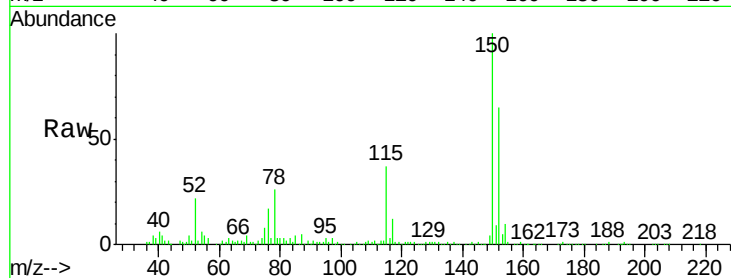
Tot Ion:152 Resp: 54216

Ion Ratio Lower Upper

152 100

115 58.8 30.8 92.4

150 154.4 0.0 350.2



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

