

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\  
 Data File : VW008102.D  
 Acq On : 09 Jan 2019 14:50  
 Operator : SY/AP  
 Sample : K1071-07  
 Misc : 5.10G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-1(10-15)

Quant Time: Jan 10 06:28:20 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

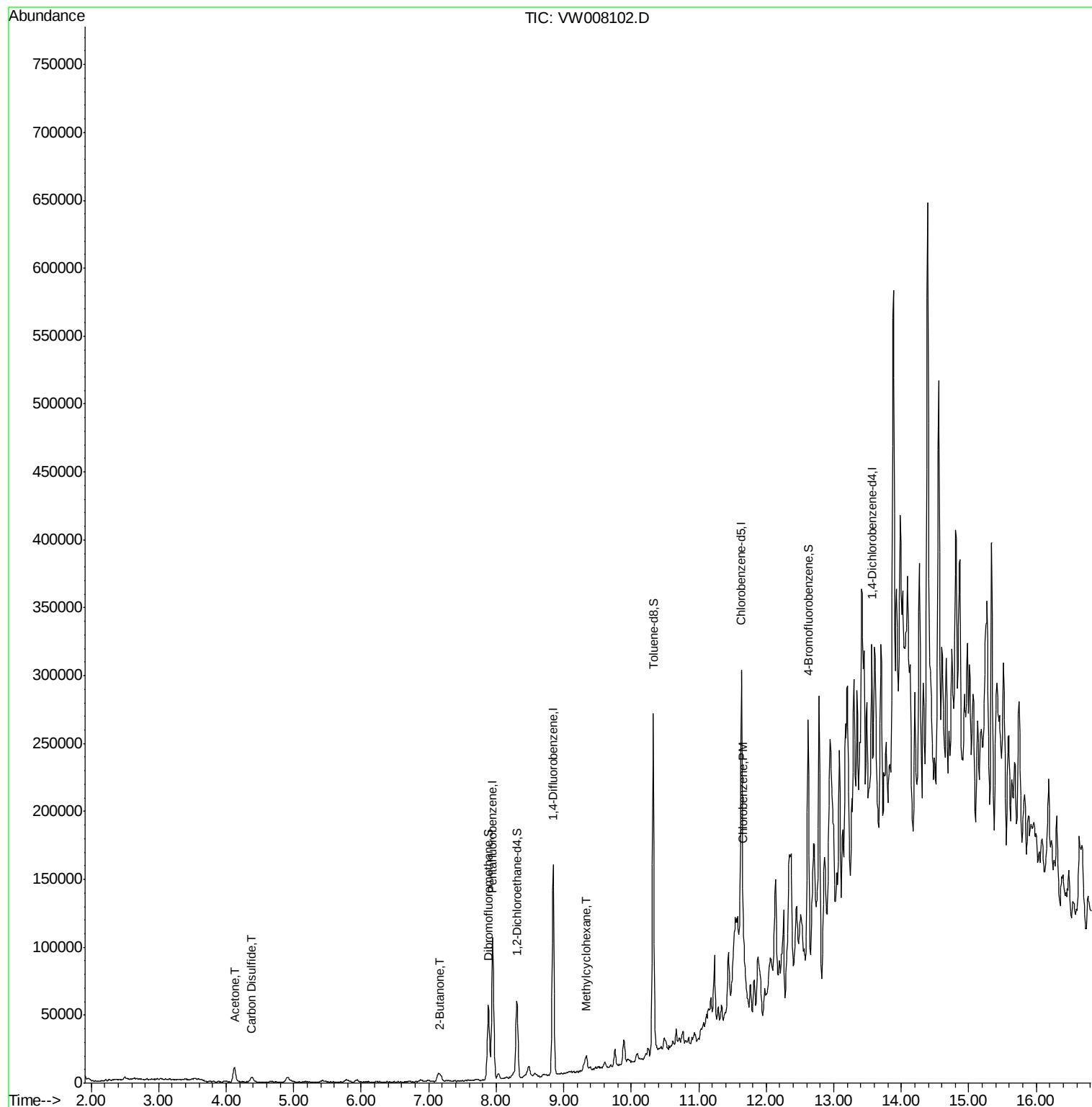
| Internal Standards          | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.95   | 168  | 76825    | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84   | 114  | 128197   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63  | 117  | 107750   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56  | 152  | 36878    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65   | 41713    | 48.31   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 96.62%  |          |
| 35) Dibromofluoromethane    | 7.88   | 113  | 39260    | 52.51   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 105.02% |          |
| 50) Toluene-d8              | 10.32  | 98   | 158424   | 50.49   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 100.98% |          |
| 62) 4-Bromofluorobenzene    | 12.62  | 95   | 46525    | 41.36   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 82.72%  |          |
| Target Compounds            |        |      |          |         |         |          |
| 16) Acetone                 | 4.12   | 43   | 19171    | 111.832 | ug/l    | 93       |
| 17) Carbon Disulfide        | 4.38   | 76   | 6092     | 2.318   | ug/l #  | 89       |
| 25) 2-Butanone              | 7.17   | 43   | 5735     | 23.872  | ug/l #  | 86       |
| 39) Methylcyclohexane       | 9.34   | 83   | 5031     | 3.005   | ug/l    | 98       |
| 65) Chlorobenzene           | 11.66  | 112  | 10092    | 4.421   | ug/l    | 98       |

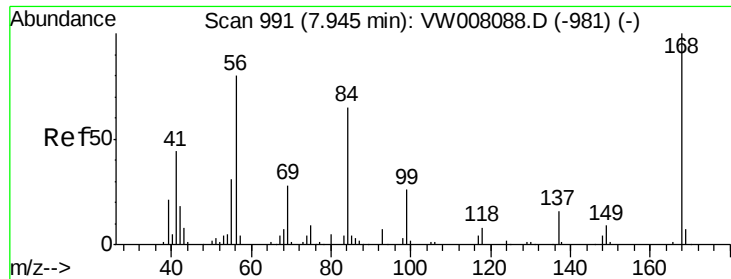
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\  
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CPSB-1(10-15)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 09 04:40:48 2019  
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: VW008102.D

Acq: 09 Jan 2019 14:50

Instrument :

MSVOA\_W

ClientSampleId :

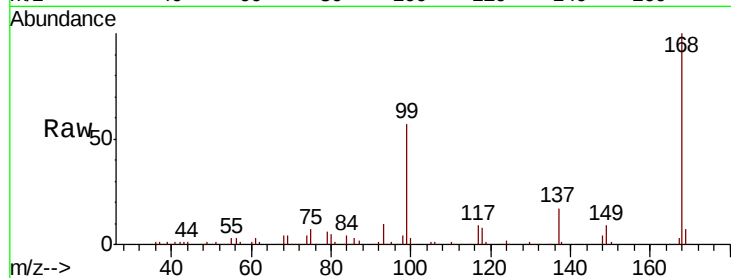
CPSB-1(10-15)

Tot Ion:168 Resp: 76825

Ion Ratio Lower Upper

168 100

99 57.3 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

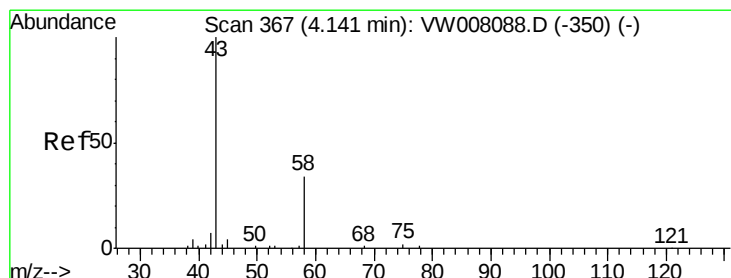
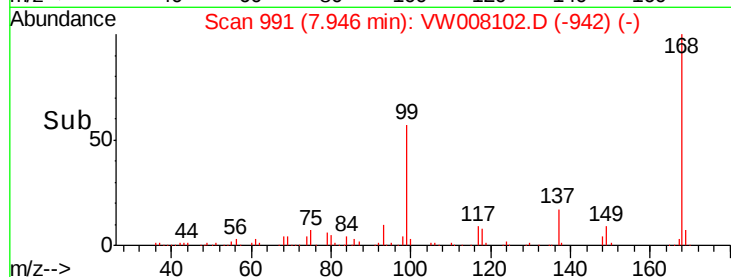
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 111.832 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008102.D

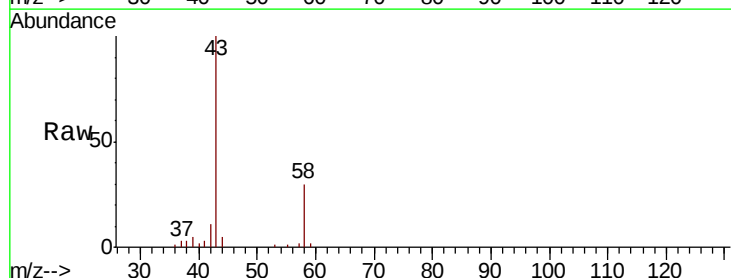
Acq: 09 Jan 2019 14:50

Tgt Ion: 43 Resp: 19171

Ion Ratio Lower Upper

43 100

58 30.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

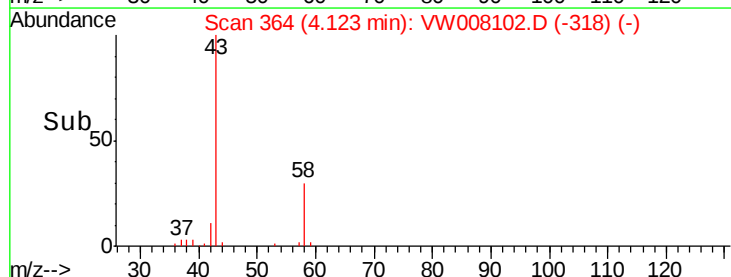
4000

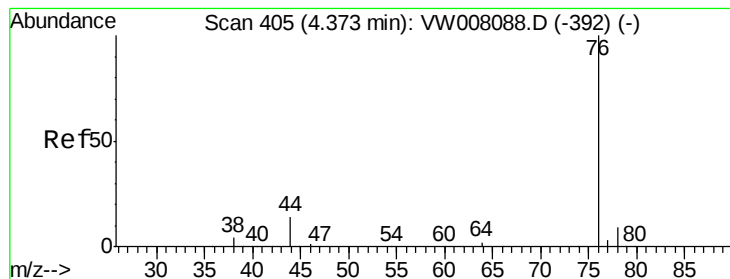
2000

0

Time-->

4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 2.318 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008102.D

Acq: 09 Jan 2019 14:50

Instrument :

MSVOA\_W

ClientSampleId :

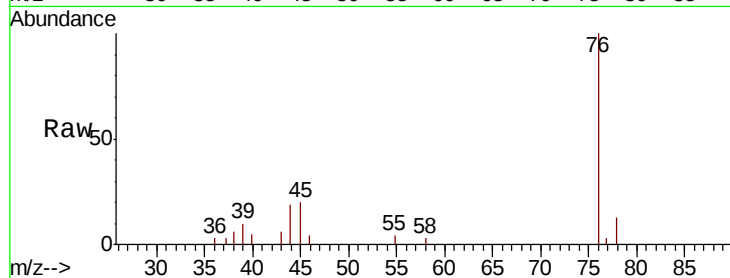
CPSB-1(10-15)

Tot Ion: 76 Resp: 6092

Ion Ratio Lower Upper

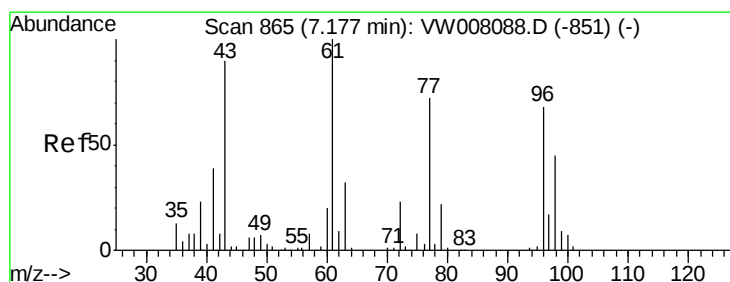
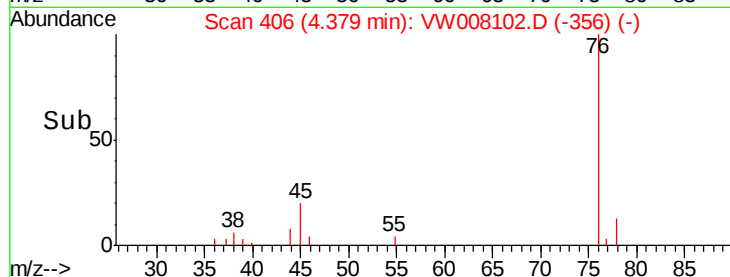
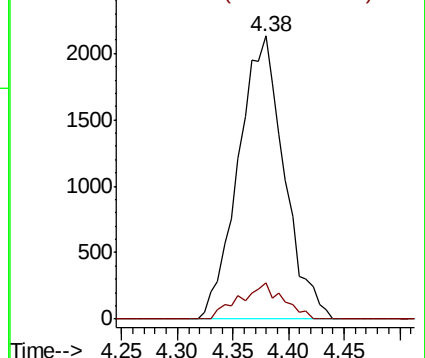
76 100

78 12.7 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 23.872 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008102.D

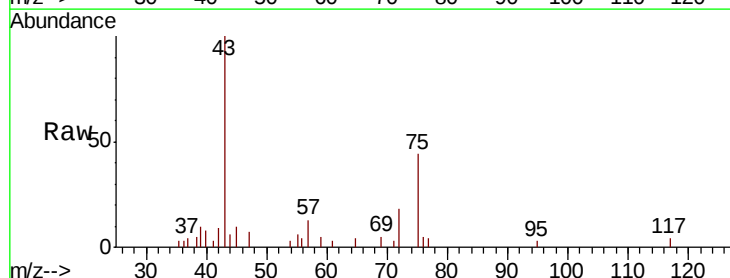
Acq: 09 Jan 2019 14:50

Tgt Ion: 43 Resp: 5735

Ion Ratio Lower Upper

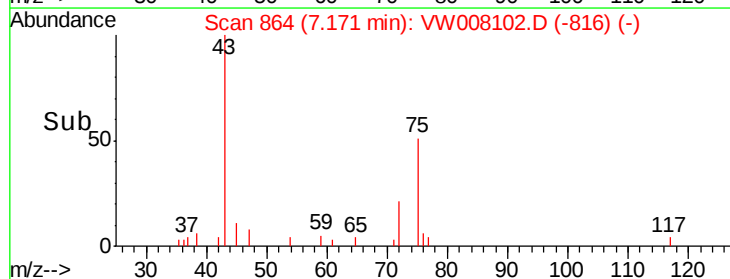
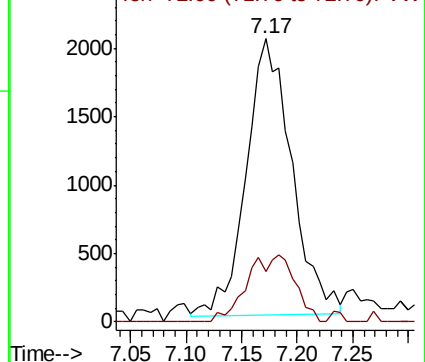
43 100

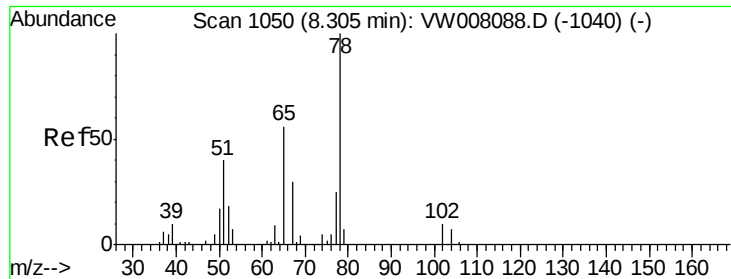
72 18.6 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

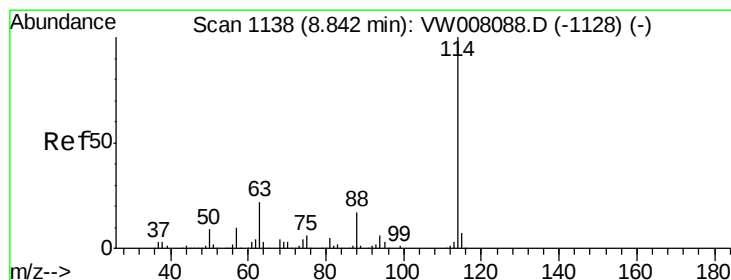
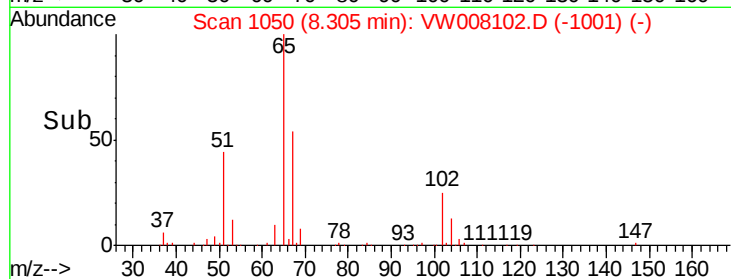
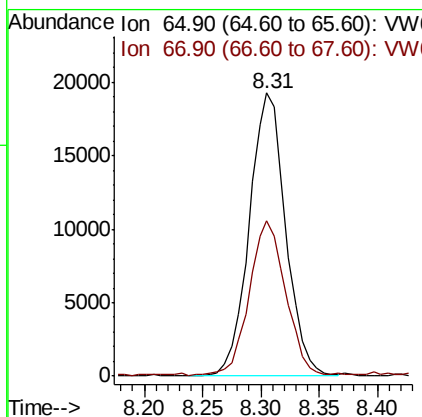
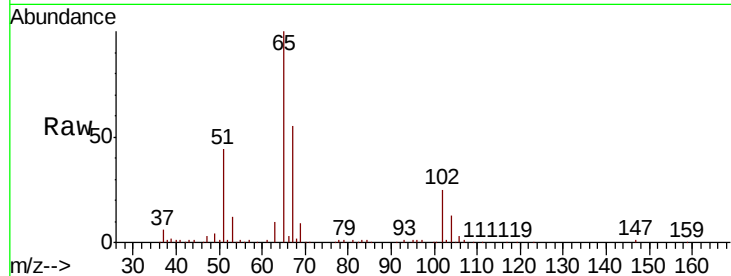




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.310 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW008102.D  
 Acq: 09 Jan 2019 14:50

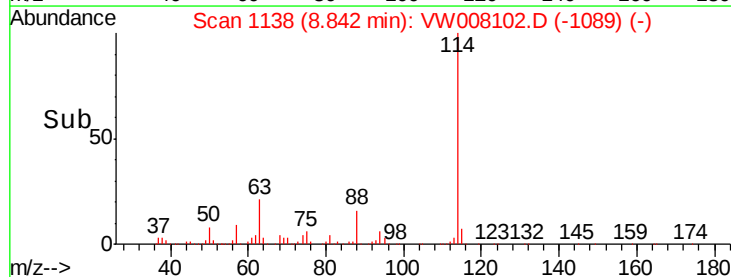
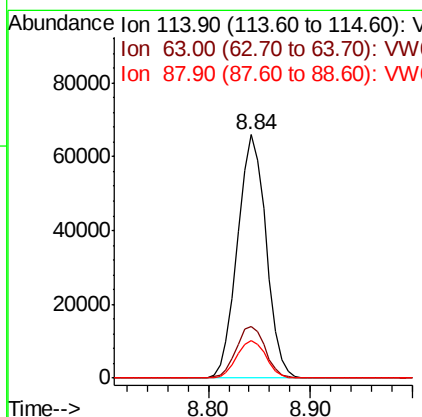
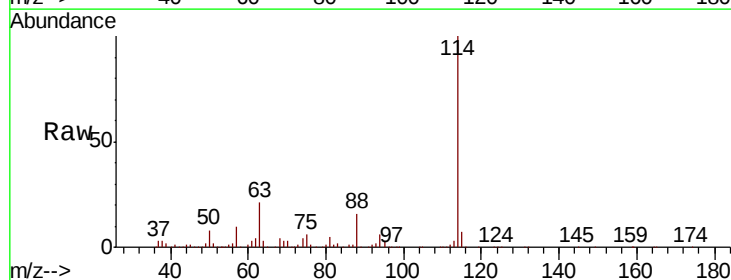
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-1(10-15)

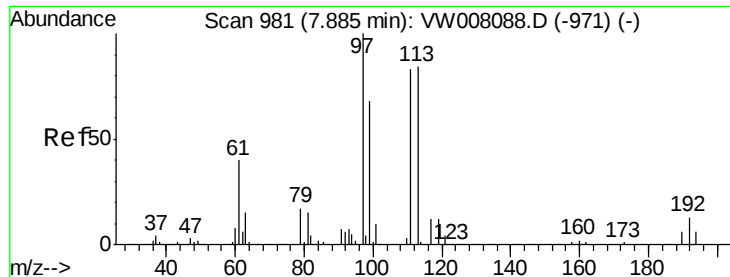
Tot Ion: 65 Resp: 41713  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW008102.D  
 Acq: 09 Jan 2019 14:50

Tgt Ion: 114 Resp: 128197  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 43.4  
 88 15.6 0.0 33.4

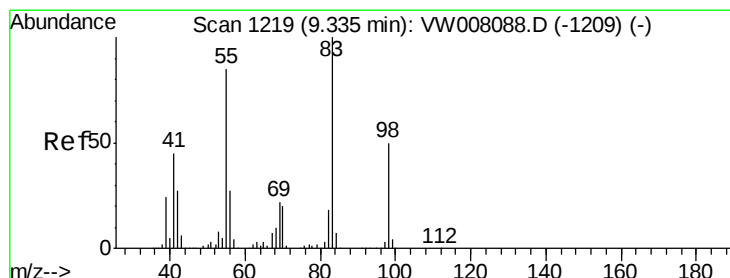
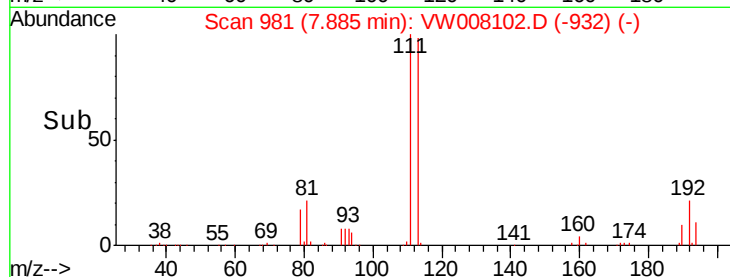
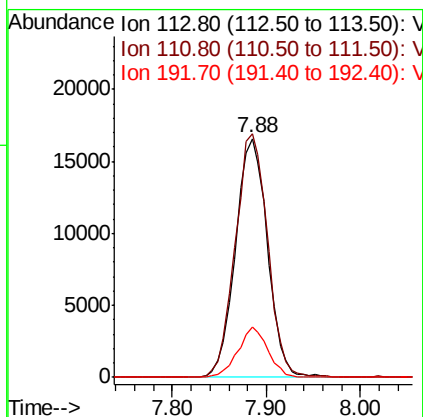
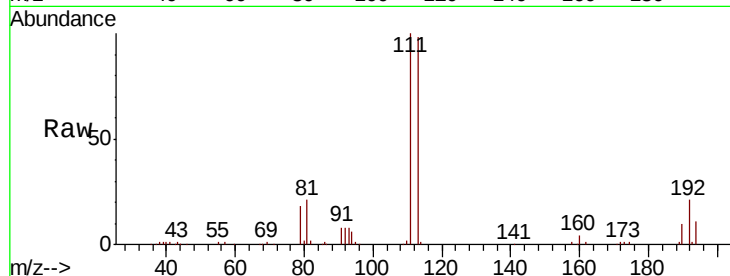




#35  
 Dibromofluoromethane  
 Concen: 52.508 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW008102.D  
 Acq: 09 Jan 2019 14:50

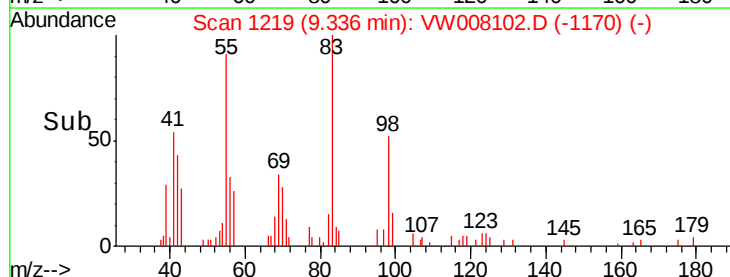
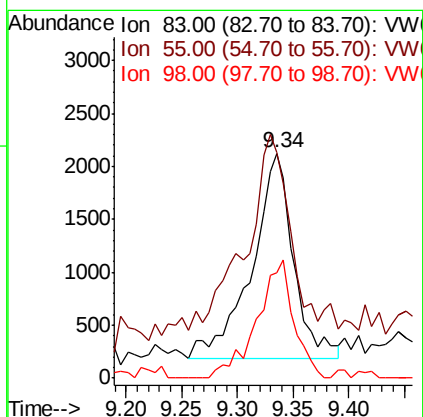
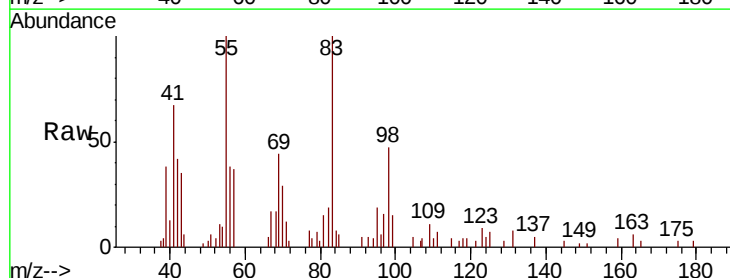
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-1(10-15)

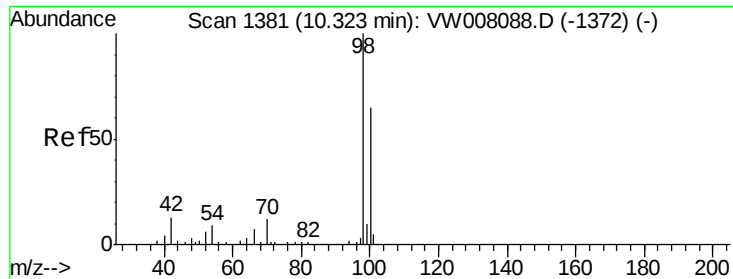
Tot Ion:113 Resp: 39260  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 81.8 122.8  
 192 19.6 12.8 19.2#



#39  
 Methylcyclohexane  
 Concen: 3.005 ug/l  
 RT: 9.34 min Scan# 1219  
 Delta R.T. 0.00 min  
 Lab File: VW008102.D  
 Acq: 09 Jan 2019 14:50

Tgt Ion: 83 Resp: 5031  
 Ion Ratio Lower Upper  
 83 100  
 55 87.2 67.8 101.6  
 98 51.6 40.2 60.4

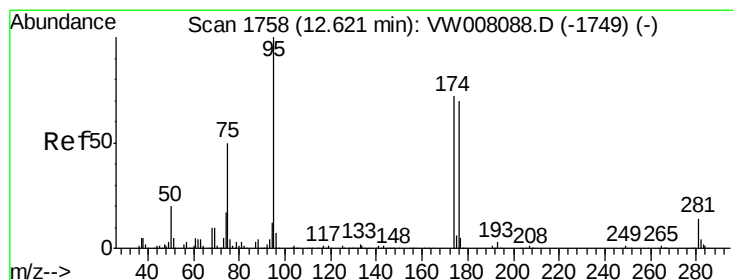
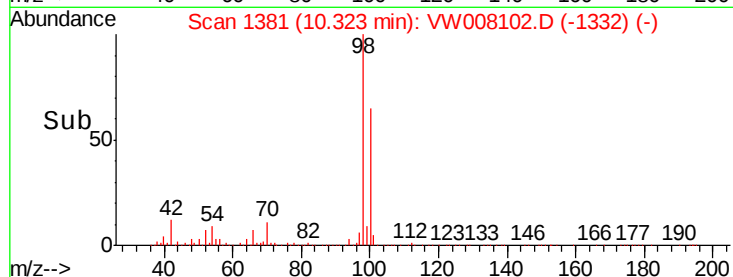
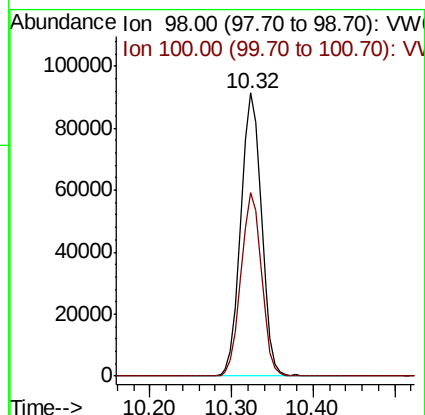
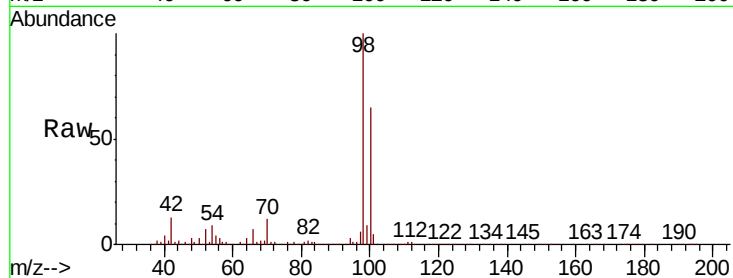




#50  
Toluene-d8  
Concen: 50.492 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008102.D  
Acq: 09 Jan 2019 14:50

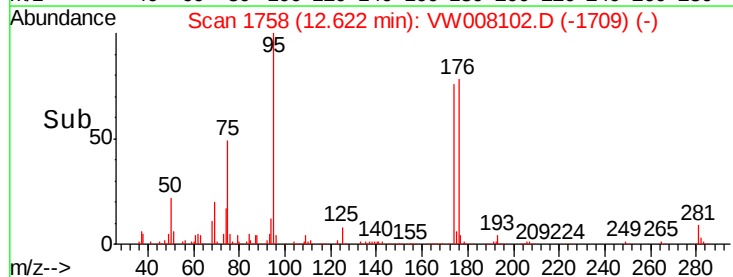
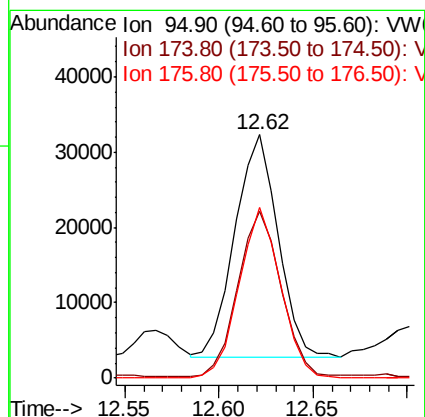
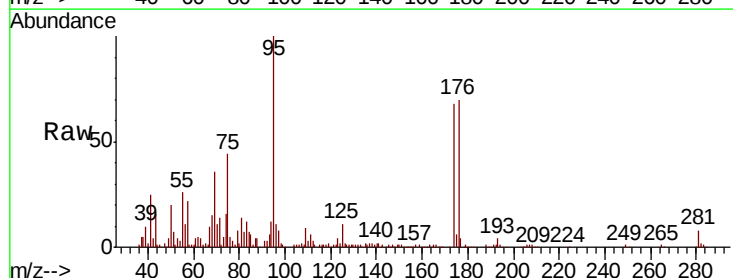
Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-1(10-15)

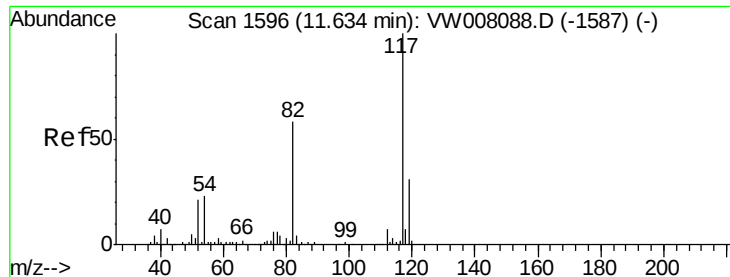
Tot Ion: 98 Resp: 158424  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 41.362 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW008102.D  
Acq: 09 Jan 2019 14:50

Tgt Ion: 95 Resp: 46525  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 143.0  
176 74.4 0.0 140.2

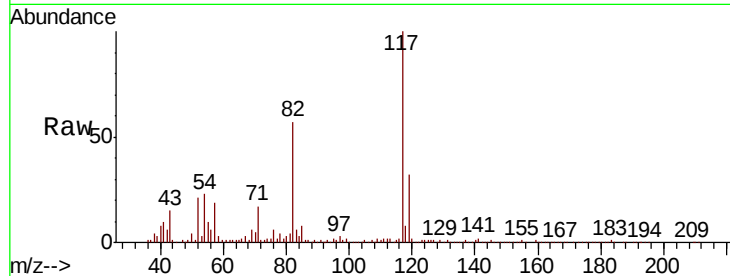




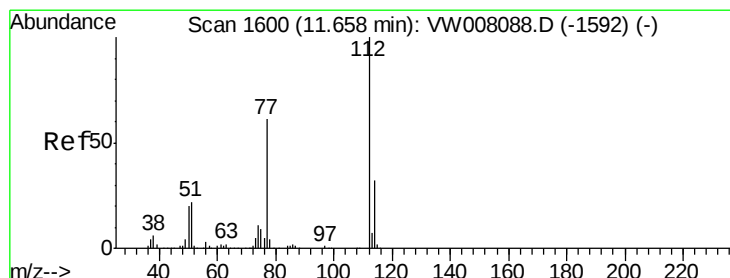
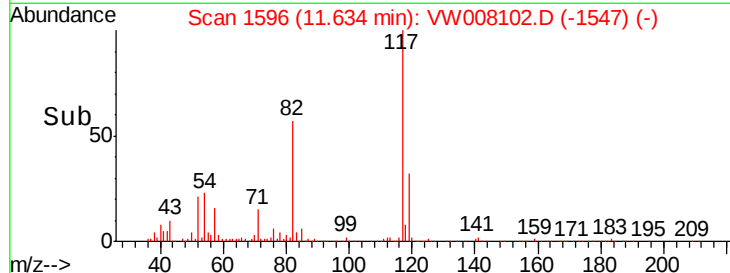
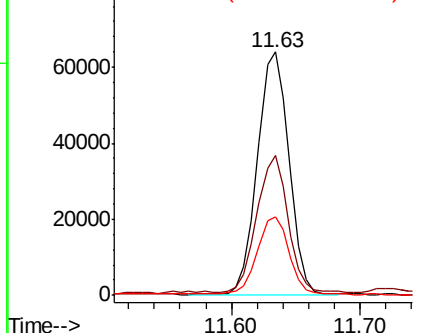
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008102.D  
Acq: 09 Jan 2019 14:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-1(10-15)

Tot Ion:117 Resp: 107750  
Ion Ratio Lower Upper  
117 100  
82 56.2 46.4 69.6  
119 31.7 24.7 37.1

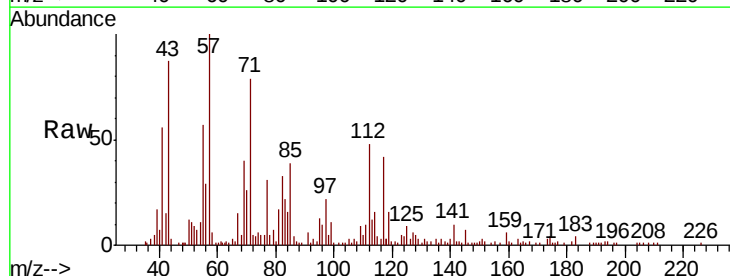


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VW  
Ion 118.90 (118.60 to 119.60): V

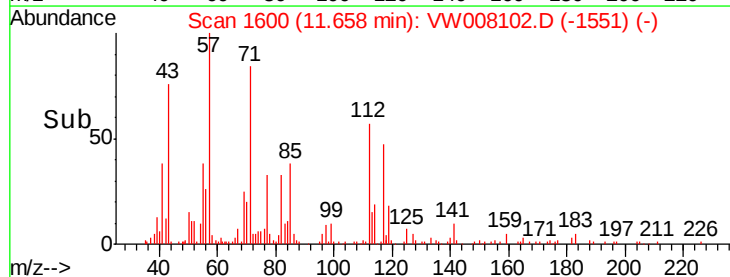
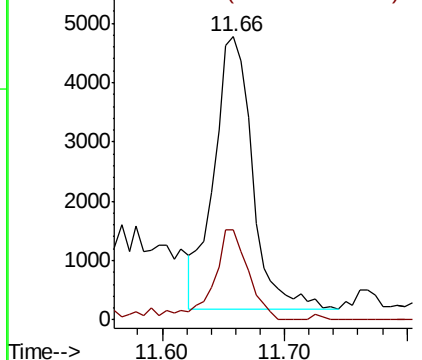


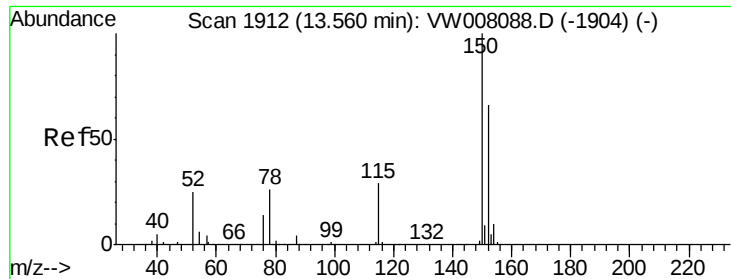
#65  
Chlorobenzene  
Concen: 4.421 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW008102.D  
Acq: 09 Jan 2019 14:50

Tgt Ion:112 Resp: 10092  
Ion Ratio Lower Upper  
112 100  
114 33.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): 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: VW008102.D

Acq: 09 Jan 2019 14:50

Instrument :

MSVOA\_W

ClientSampleId :

CPSB-1(10-15)

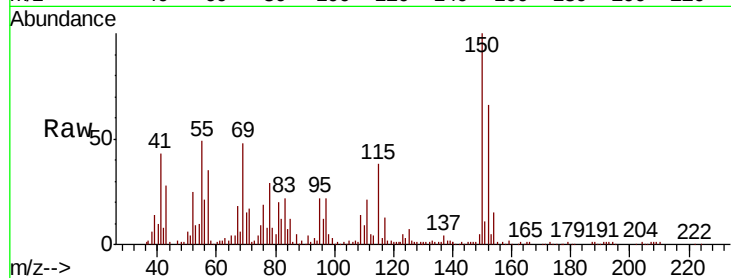
Tot Ion:152 Resp: 36878

Ion Ratio Lower Upper

152 100

115 52.8 30.8 92.4

150 139.4 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

