

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\  
 Data File : VW008183.D  
 Acq On : 11 Jan 2019 08:13  
 Operator : SY/AP  
 Sample : K1102-02  
 Misc : 5.04G/5ML/MSVOA W/SOIL  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-18(20-25)

Quant Time: Jan 11 11:38:21 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

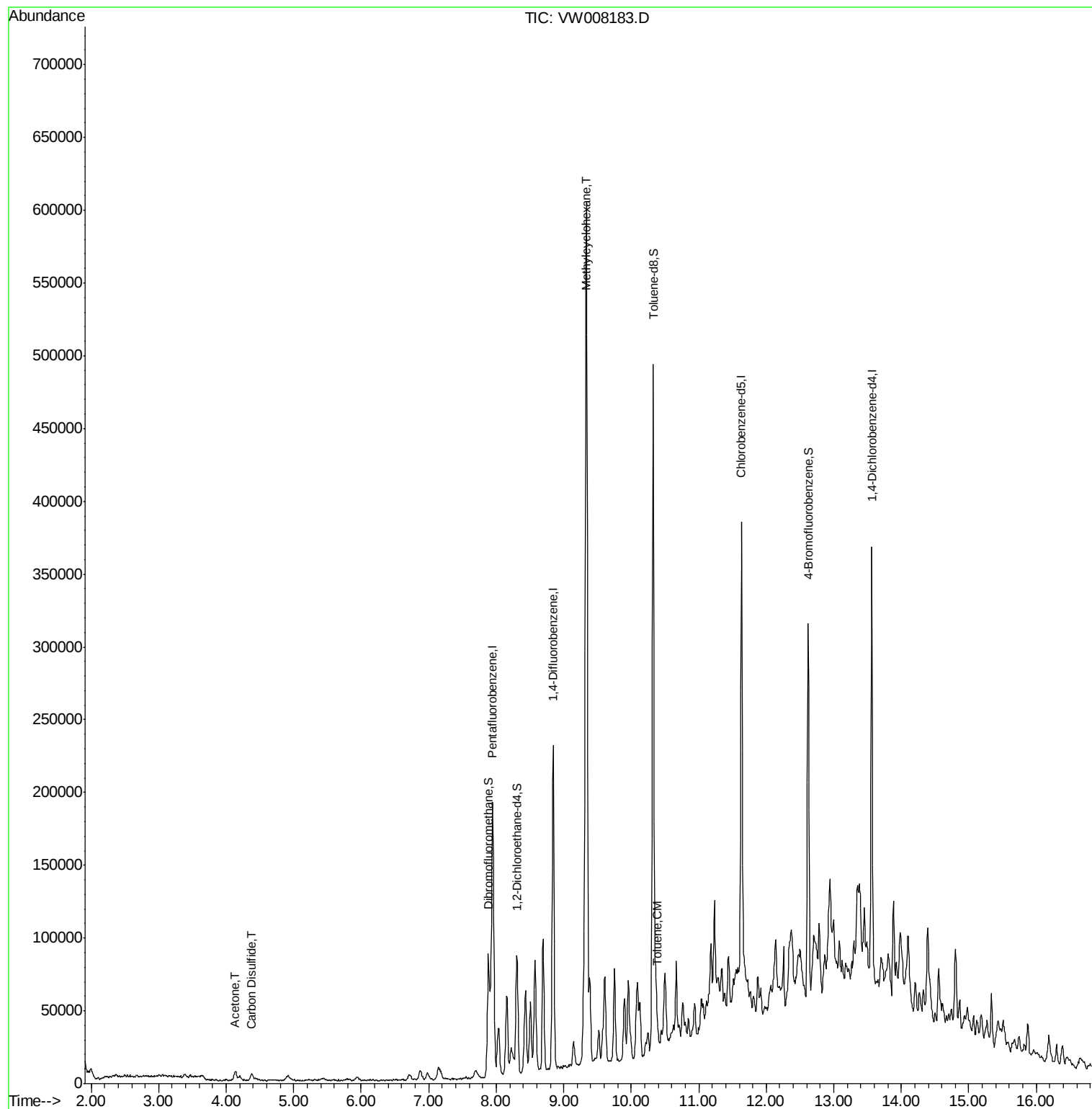
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 109730   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 188517   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 170479   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 78423    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 61791    | 50.10  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.20% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 57533    | 52.33  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.66% |          |
| 50) Toluene-d8              | 10.32 | 98   | 243369   | 52.75  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.50% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 78235    | 47.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.60%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.14  | 43   | 10484    | 28.560 | ug/l    | 98       |
| 17) Carbon Disulfide        | 4.38  | 76   | 10009    | 2.666  | ug/l #  | 92       |
| 39) Methylcyclohexane       | 9.34  | 83   | 240566   | 97.699 | ug/l    | 94       |
| 52) Toluene                 | 10.38 | 92   | 6856     | 2.038  | ug/l    | 94       |

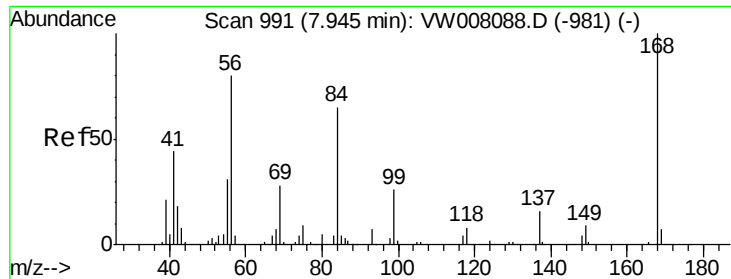
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\  
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CPSB-18(20-25)

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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: VW008183.D

Acq: 11 Jan 2019 08:13

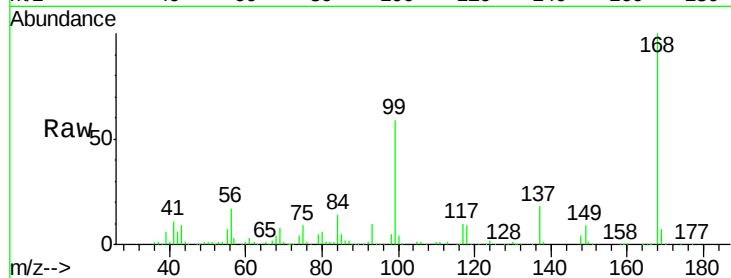
Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-18(20-25)

Tot Ion:168 Resp: 109730

Ion Ratio Lower Upper

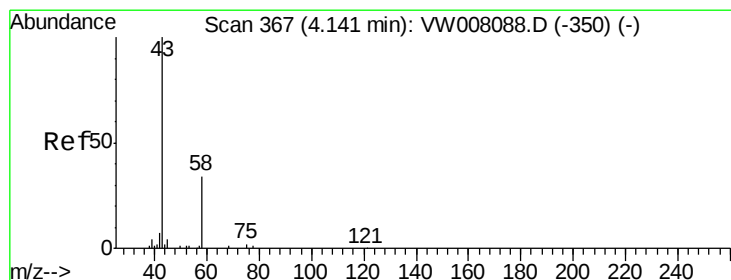
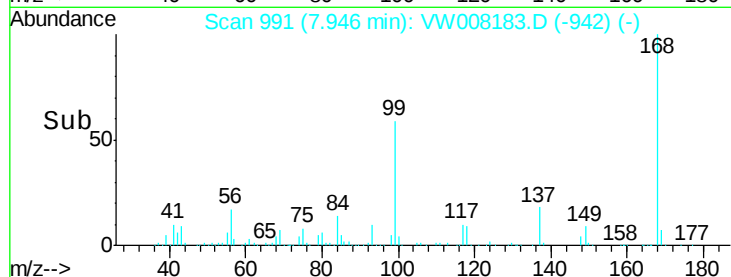
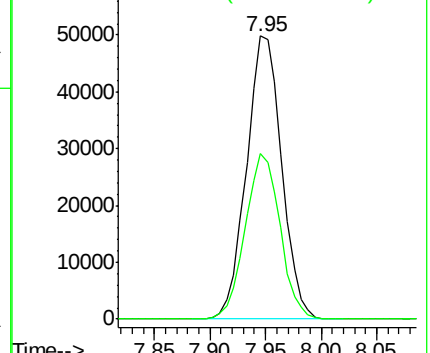
168 100

99 58.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 28.560 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008183.D

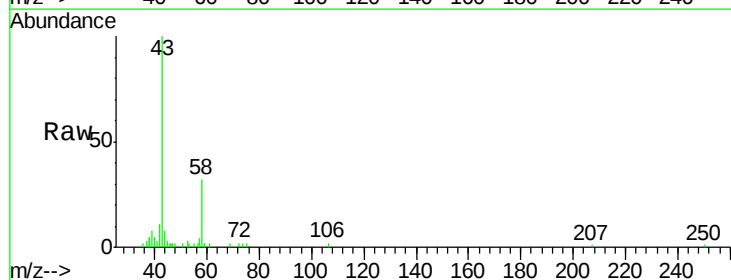
Acq: 11 Jan 2019 08:13

Tgt Ion: 43 Resp: 10484

Ion Ratio Lower Upper

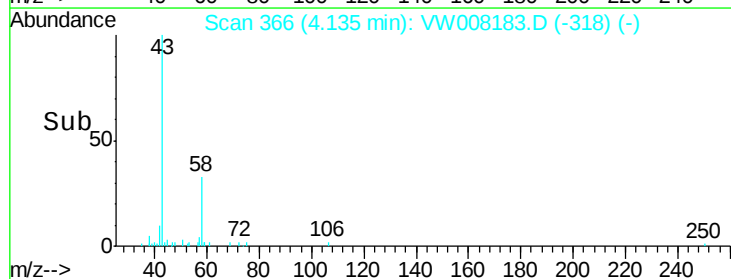
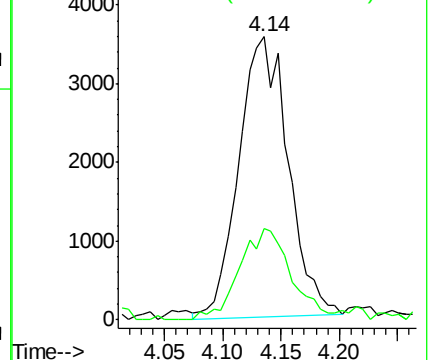
43 100

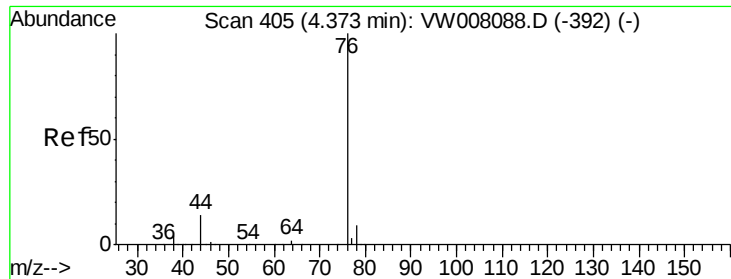
58 33.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

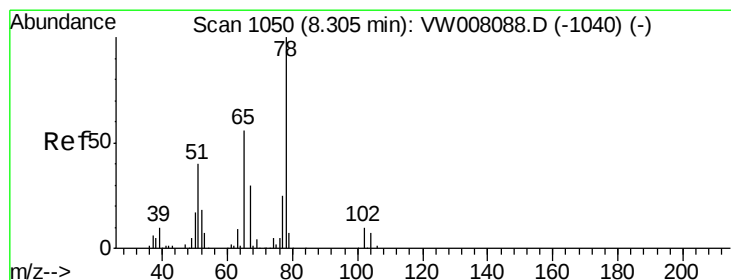
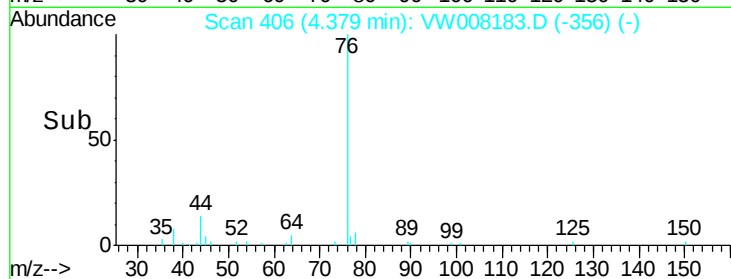
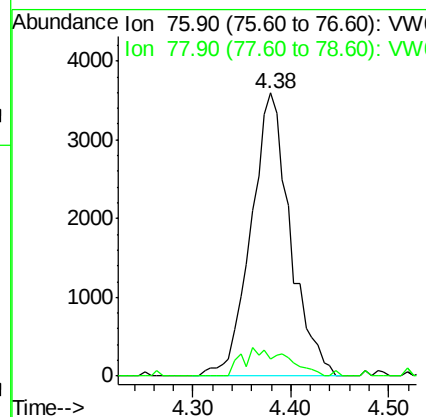
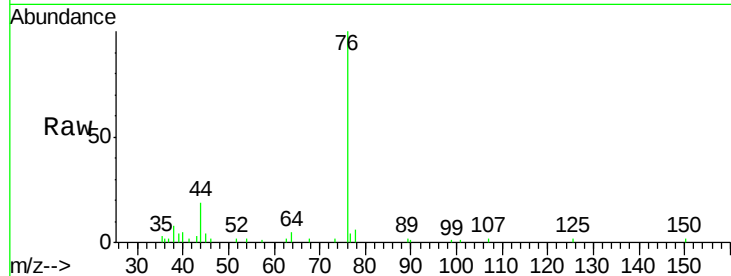




#17  
 Carbon Disulfide  
 Concen: 2.666 ug/l  
 RT: 4.38 min Scan# 406  
 Delta R.T. 0.01 min  
 Lab File: VW008183.D  
 Acq: 11 Jan 2019 08:13

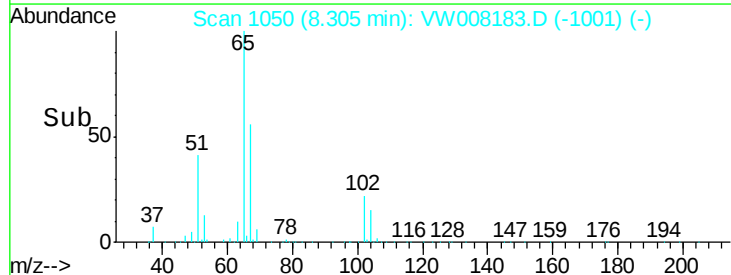
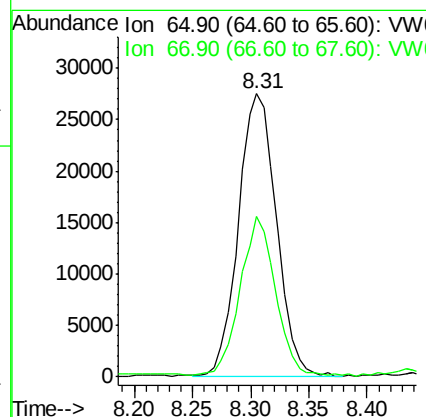
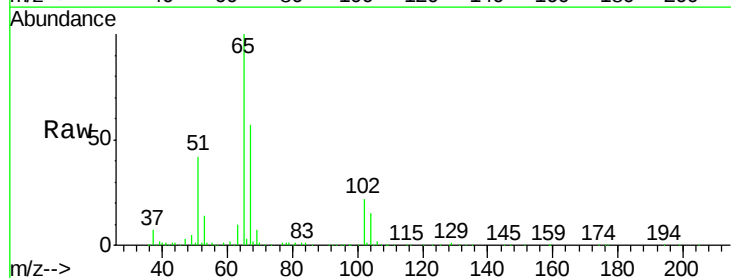
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-18(20-25)

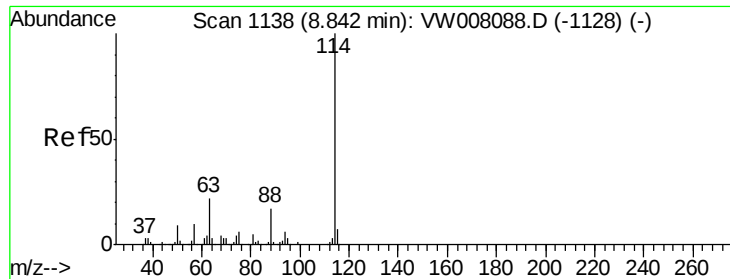
Tot Ion: 76 Resp: 10009  
 Ion Ratio Lower Upper  
 76 100  
 78 5.9 7.0 10.6#



#33  
 1,2-Dichloroethane-d4  
 Concen: 50.103 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW008183.D  
 Acq: 11 Jan 2019 08:13

Tgt Ion: 65 Resp: 61791  
 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: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA\_W

ClientSampleId :

CPSB-18(20-25)

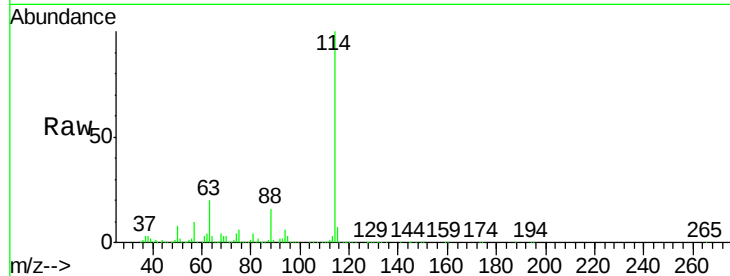
Tot Ion:114 Resp: 188517

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.4

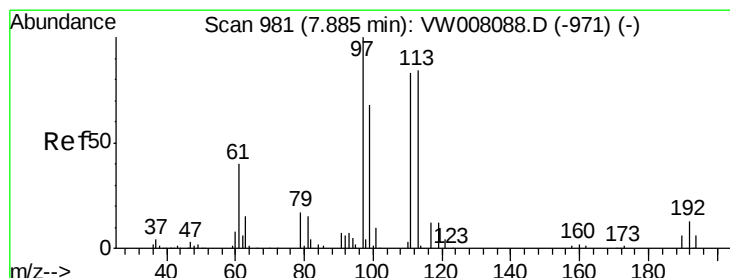
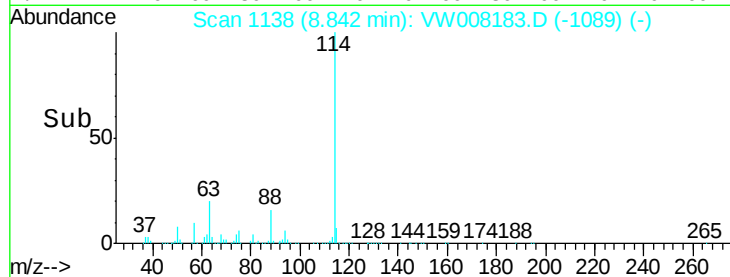
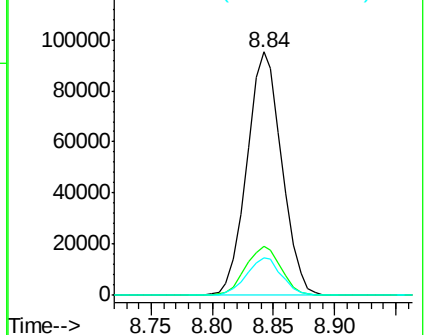
88 15.7 0.0 33.4



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: 52.326 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

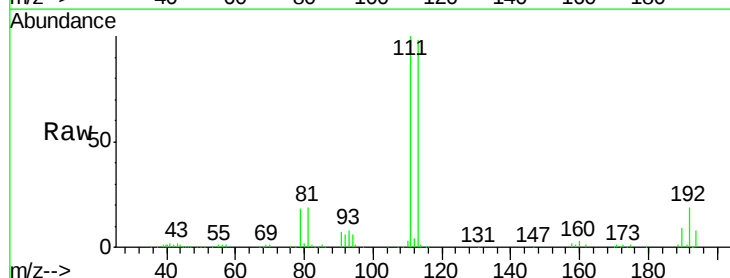
Tgt Ion:113 Resp: 57533

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

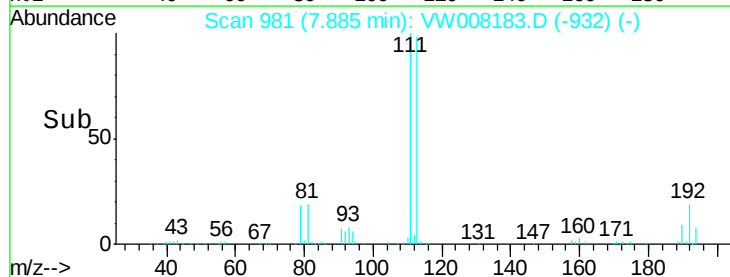
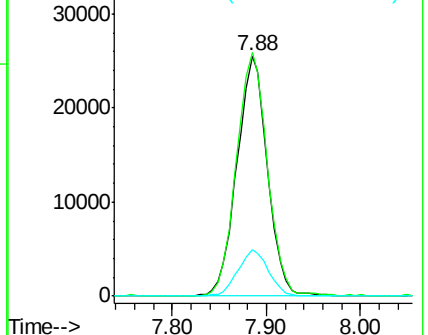
192 19.5 12.8 19.2#

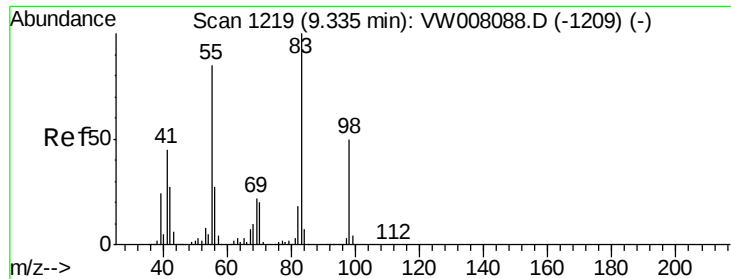


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

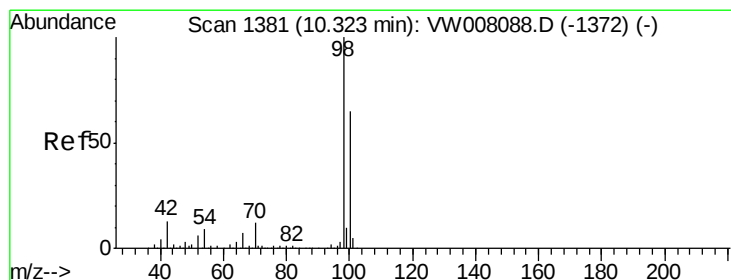
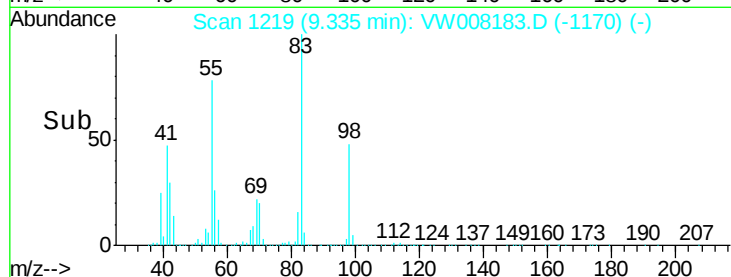
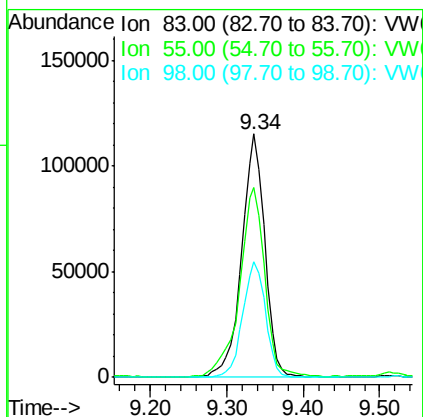
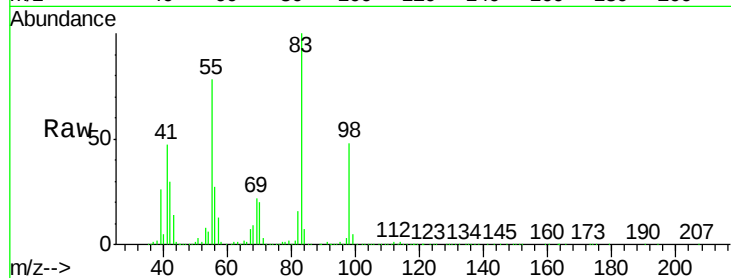




#39  
Methvlcvclohexane  
Concen: 97.699 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW008183.D  
Acq: 11 Jan 2019 08:13

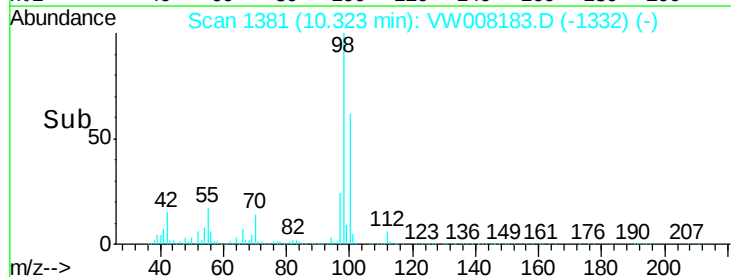
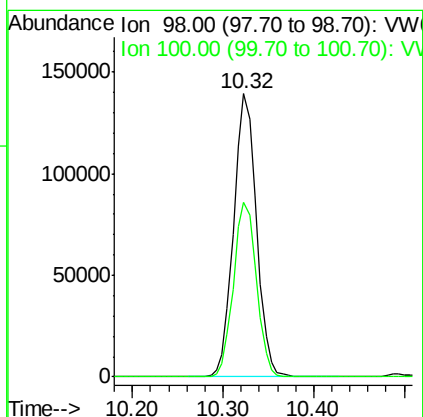
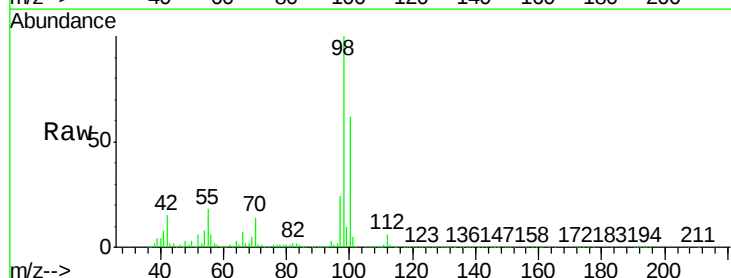
Instrument :  
MSVOA\_W  
ClientSampled :  
CPSB-18(20-25)

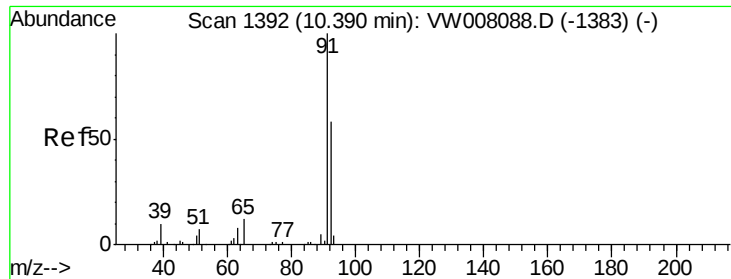
Tot Ion: 83 Resp: 240566  
Ion Ratio Lower Upper  
83 100  
55 77.7 67.8 101.6  
98 47.8 40.2 60.4



#50  
Toluene-d8  
Concen: 52.746 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008183.D  
Acq: 11 Jan 2019 08:13

Tgt Ion: 98 Resp: 243369  
Ion Ratio Lower Upper  
98 100  
100 62.2 51.7 77.5





#52

Toluene

Concen: 2.038 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA\_W

ClientSampleId :

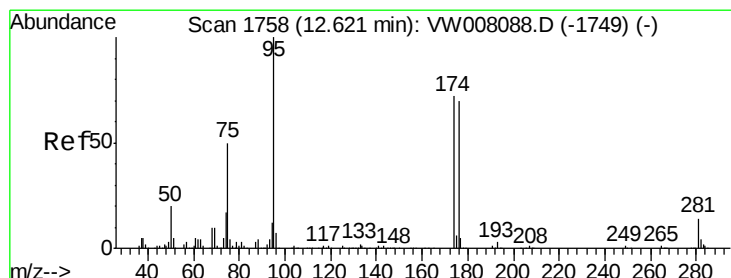
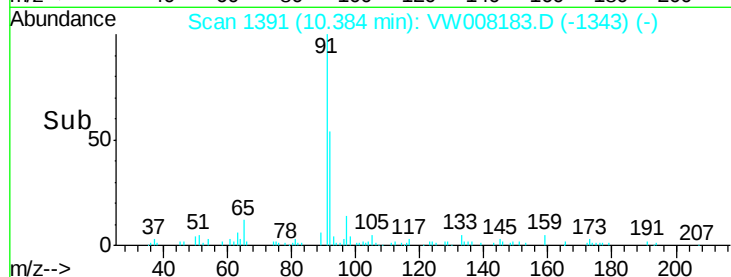
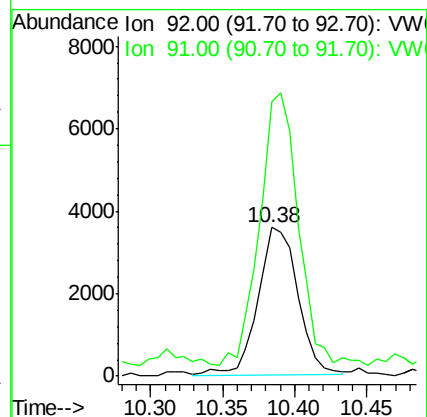
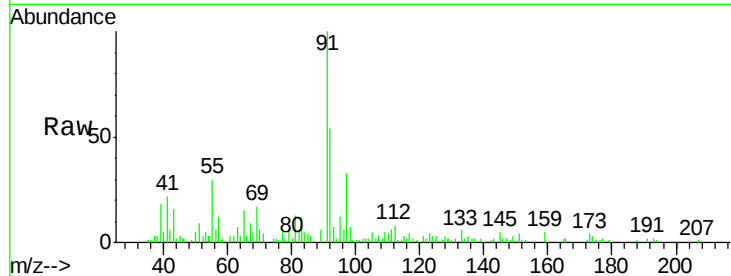
CPSB-18(20-25)

Tot Ion: 92 Resp: 6856

Ion Ratio Lower Upper

92 100

91 179.0 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 47.298 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

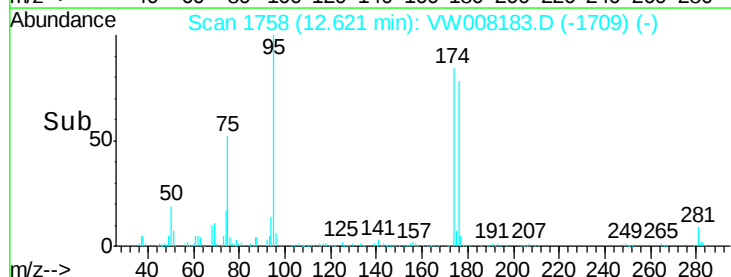
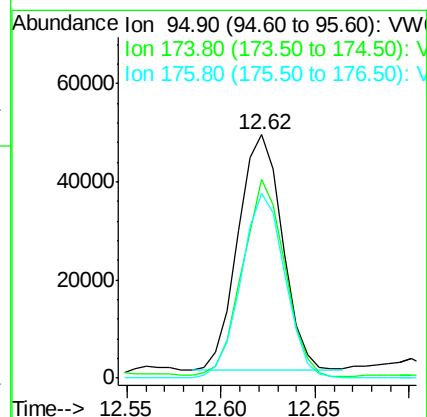
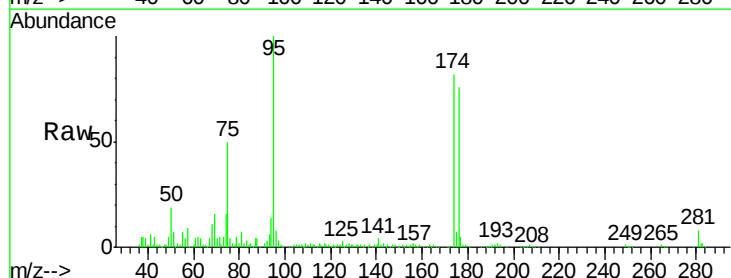
Tgt Ion: 95 Resp: 78235

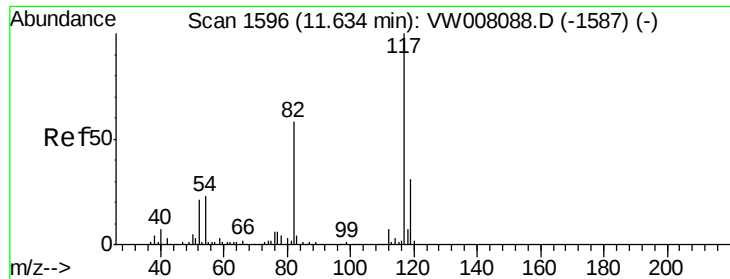
Ion Ratio Lower Upper

95 100

174 79.6 0.0 143.0

176 77.9 0.0 140.2

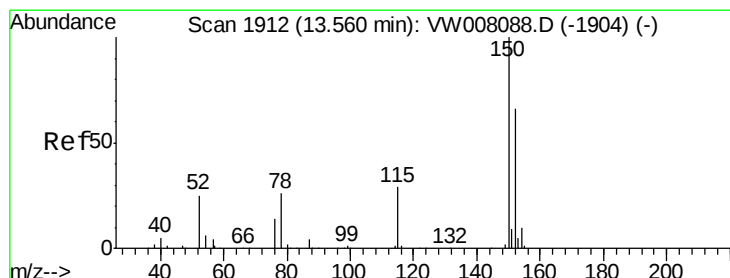
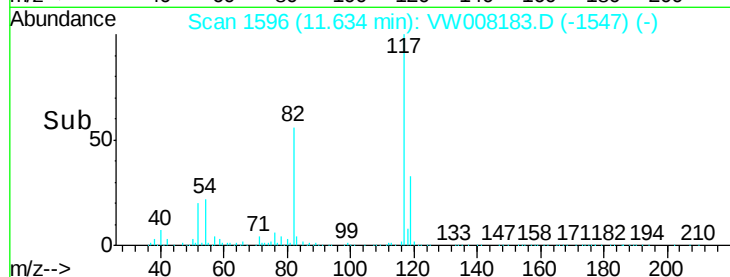
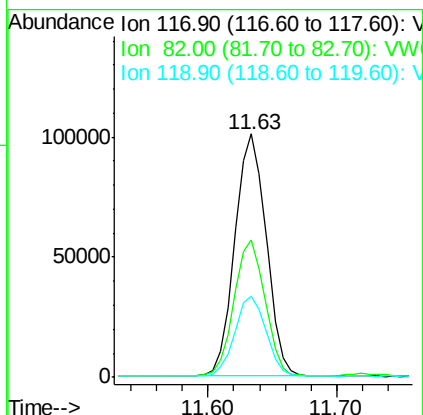
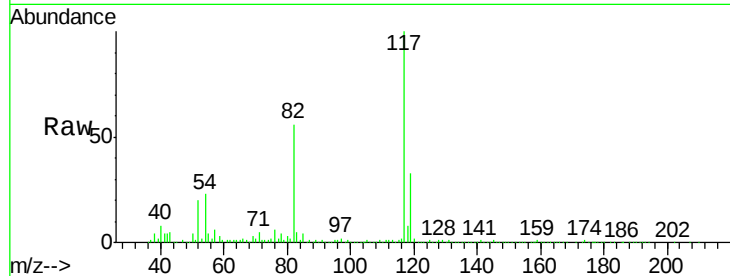




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008183.D  
Acq: 11 Jan 2019 08:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-18(20-25)

Tot Ion:117 Resp: 170479  
Ion Ratio Lower Upper  
117 100  
82 56.0 46.4 69.6  
119 32.8 24.7 37.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: VW008183.D  
Acq: 11 Jan 2019 08:13

Tgt Ion:152 Resp: 78423  
Ion Ratio Lower Upper  
152 100  
115 58.8 30.8 92.4  
150 158.4 0.0 350.2

