

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031521\  
 Data File : VW020610.D  
 Acq On : 15 Mar 2021 17:29  
 Operator : SY/MD  
 Sample : M1633-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B72

Quant Time: Mar 16 03:47:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 16 03:42:12 2021  
 Response via : Initial Calibration

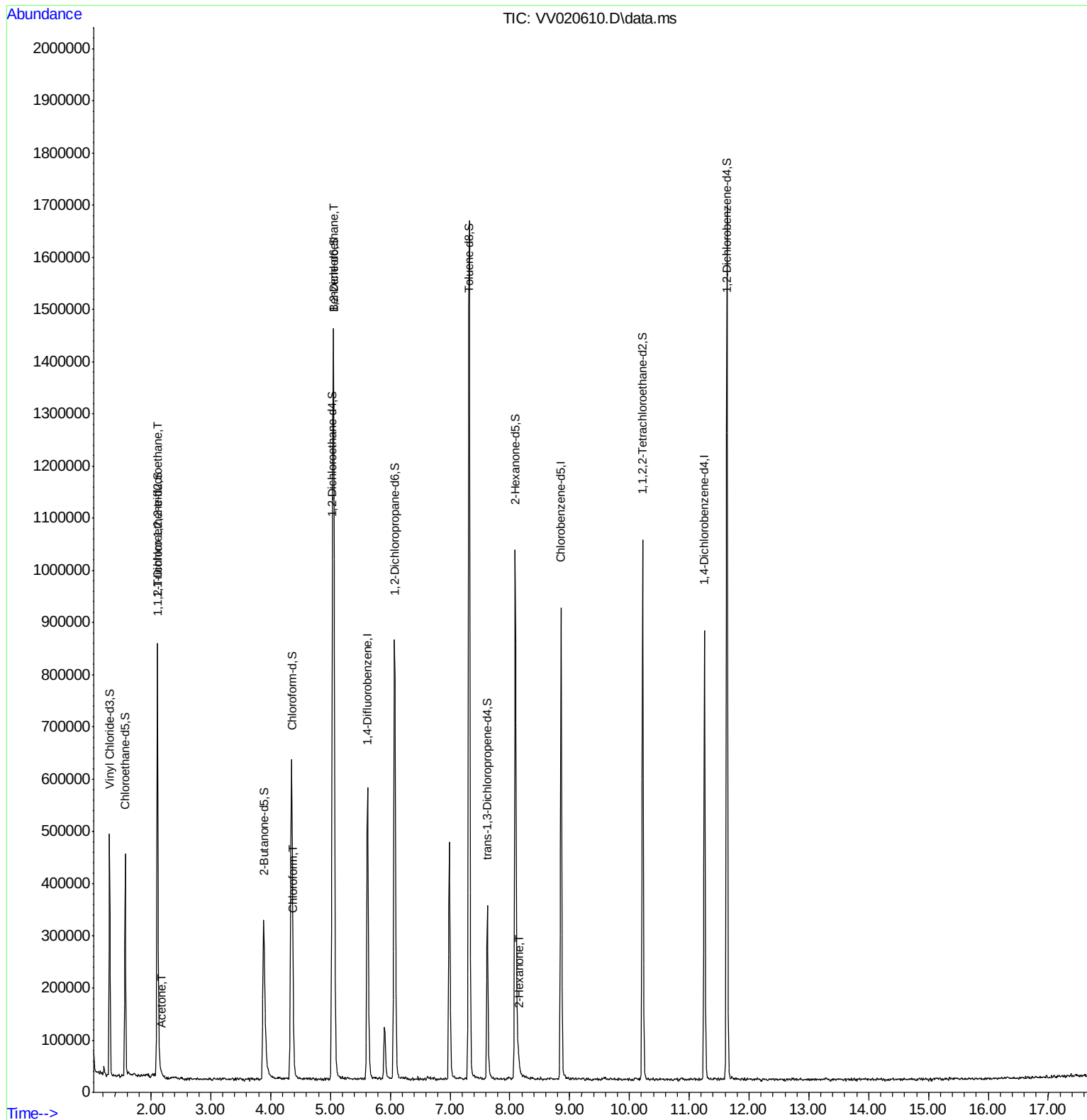
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 465331              | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 453087              | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 199222              | 50.00  | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 284447              | 75.78  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 151.56%# |        |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 240651              | 80.14  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 160.28%# |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 425189              | 59.59  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 119.18%  |        |        |          |
| 21) 2-Butanone-d5             | 3.883          | 46   | 530488              | 220.21 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 220.21%# |        |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 575203              | 88.16  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 176.32%# |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 413292              | 96.01  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 192.02%# |        |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 1169907             | 93.45  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 186.90%# |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 391566              | 97.77  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 195.54%# |        |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 1010252             | 90.80  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 181.60%# |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 176506              | 94.29  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 188.58%# |        |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 316900              | 211.48 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 211.48%# |        |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 465692              | 93.04  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 186.08%# |        |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 387239              | 100.31 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 200.62%# |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111          | 101  | 3628                | 1.12   | ug/L # | 26       |
| 13) Acetone                   | 2.178          | 43   | 10153               | 5.16   | ug/L   | 94       |
| 25) Chloroform                | 4.375          | 83   | 27250               | 4.07   | ug/L   | 90       |
| 27) 1,2-Dichloroethane        | 5.053          | 62   | 7879                | 1.49   | ug/L   | 97       |
| 48) 2-Hexanone                | 8.146          | 43   | 24173               | 5.76   | ug/L # | 42       |
| -----                         |                |      |                     |        |        |          |

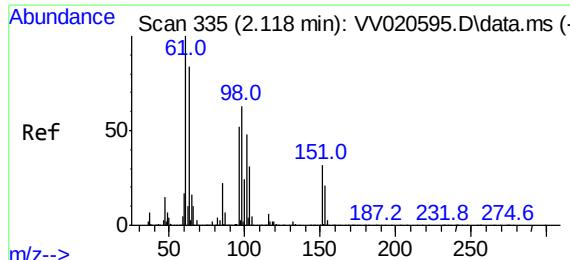
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
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Quant Title : VOC Analysis  
QLast Update : Tue Mar 16 03:42:12 2021  
Response via : Initial Calibration

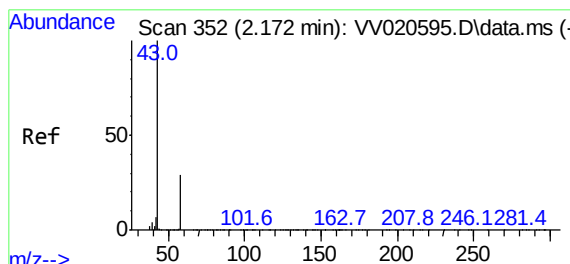
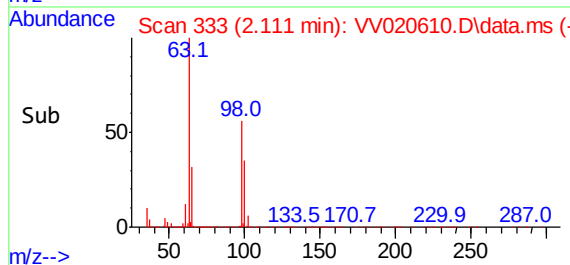
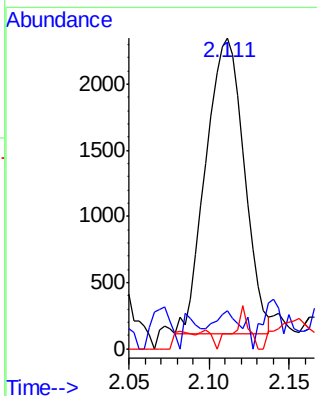
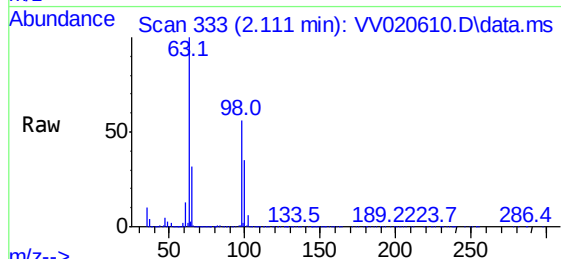




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.12 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.007 min  
Lab File: VV020610.D  
Acq: 15 Mar 2021 17:29

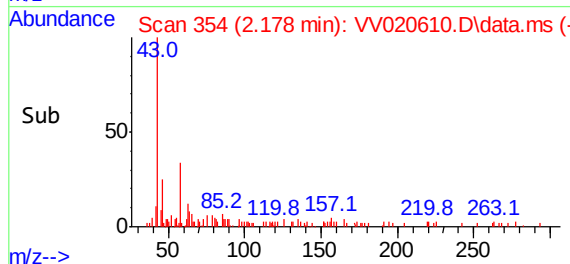
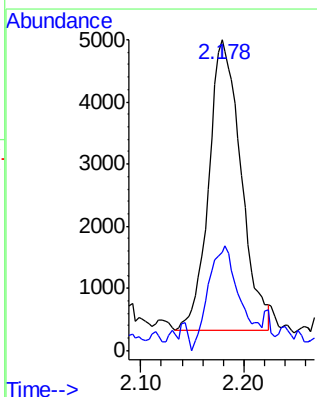
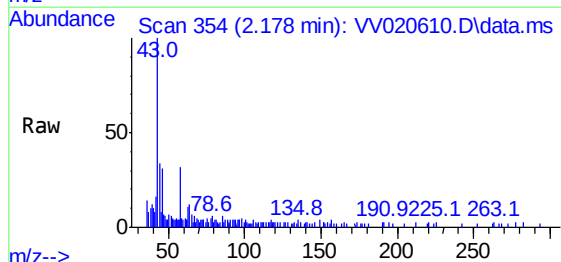
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0B72

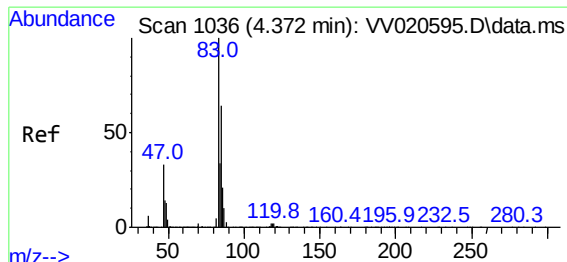
Tgt Ion:101 Resp: 3628  
Ion Ratio Lower Upper  
101 100  
85 2.6 35.3 52.9#  
151 2.0 53.6 80.4#



#13  
Acetone  
Concen: 5.16 ug/L  
RT: 2.178 min Scan# 354  
Delta R.T. 0.006 min  
Lab File: VV020610.D  
Acq: 15 Mar 2021 17:29

Tgt Ion: 43 Resp: 10153  
Ion Ratio Lower Upper  
43 100  
58 33.4 0.0 60.2

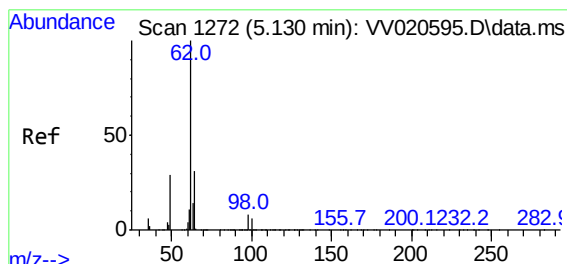
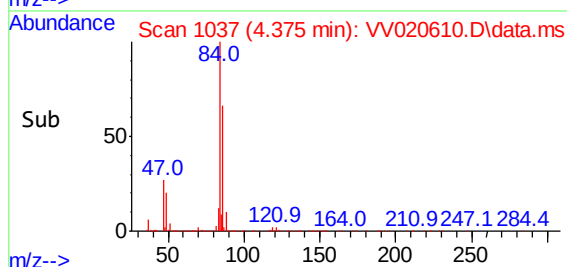
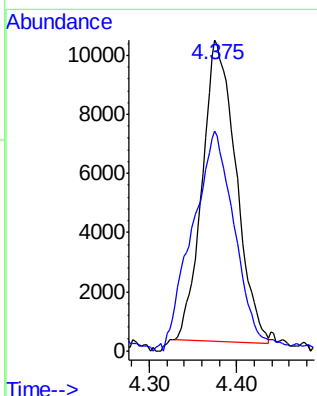
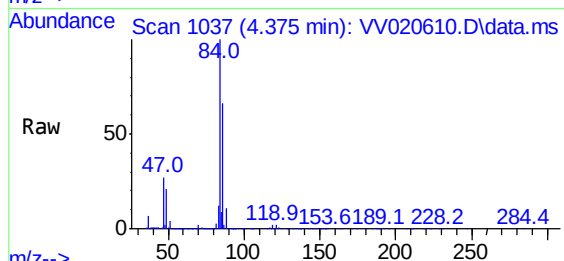




#25  
Chloroform  
Concen: 4.07 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV020610.D  
Acq: 15 Mar 2021 17:29

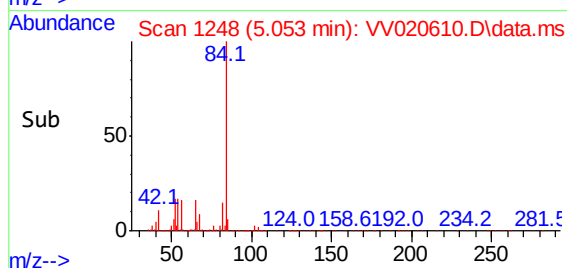
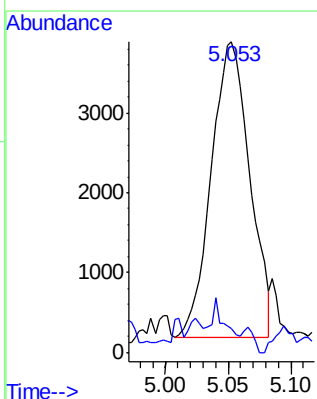
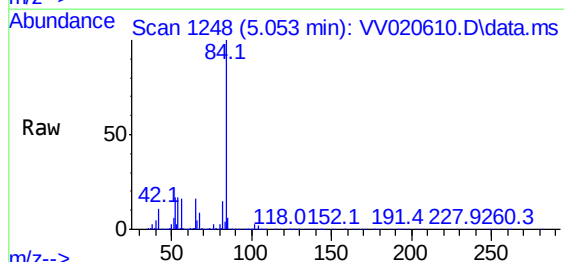
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MSVOA\_V  
ClientSampled :  
C0B72

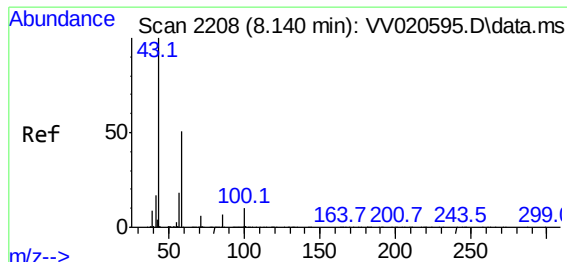
Tgt Ion: 83 Resp: 27250  
Ion Ratio Lower Upper  
83 100  
85 70.6 44.2 82.2



#27  
1,2-Dichloroethane  
Concen: 1.49 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.077 min  
Lab File: VV020610.D  
Acq: 15 Mar 2021 17:29

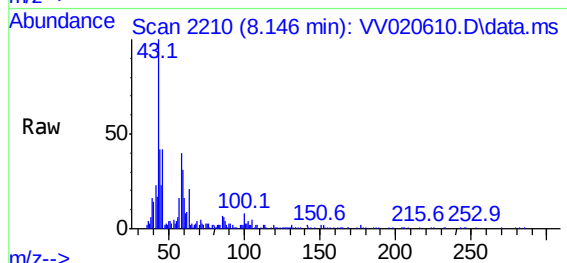
Tgt Ion: 62 Resp: 7879  
Ion Ratio Lower Upper  
62 100  
98 7.6 6.9 10.3





#48  
 2-Hexanone  
 Concen: 5.76 ug/L  
 RT: 8.146 min Scan# 2210  
 Delta R.T. 0.006 min  
 Lab File: VV020610.D  
 Acq: 15 Mar 2021 17:29

Instrument :  
 MSVOA\_V  
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Tgt Ion: 43 Resp: 24173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 0.0   | 41.8  | 62.6# |
| 57  | 3.4   | 15.0  | 22.4# |
| 100 | 1.7   | 8.9   | 13.3# |

