

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080924\  
 Data File : VV036879.D  
 Acq On : 09 Aug 2024 16:22  
 Operator : SY/MD  
 Sample : P3480-21RE  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 10 01:19:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 10 01:11:12 2024  
 Response via : Initial Calibration

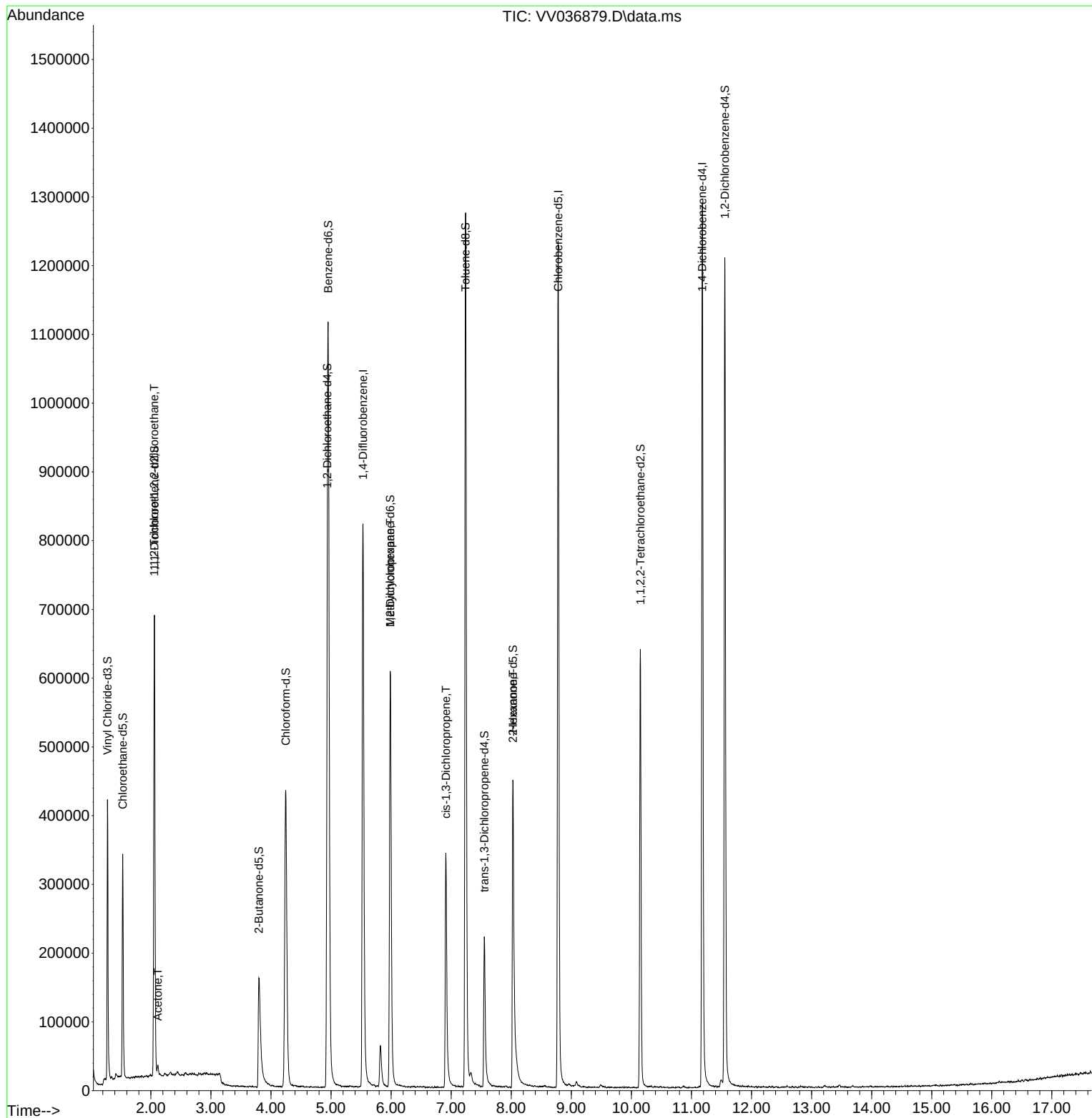
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 705549     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 661958     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 321225     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 267294     | 47.432  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 94.860% |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 208455     | 46.907  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.820% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 114802     | 47.626  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 95.260% |        |          |
| 21) 2-Butanone-d5             | 3.799          | 46   | 253607     | 84.938  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 84.940% |        |          |
| 24) Chloroform-d              | 4.246          | 84   | 450945     | 44.592  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.180% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 298591     | 45.923  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.840% |        |          |
| 32) Benzene-d6                | 4.953          | 84   | 952004     | 47.616  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.240% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 303211     | 47.008  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.020% |        |          |
| 41) Toluene-d8                | 7.239          | 98   | 848119     | 46.243  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.480% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 134121     | 39.954  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.900% |        |          |
| 47) 2-Hexanone-d5             | 8.027          | 63   | 144969     | 78.166  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 78.170% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 316971     | 42.798  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 85.600% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 305942     | 46.739  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.480% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.056          | 101  | 3359       | 0.720   | ug/L # | 30       |
| 13) Acetone                   | 2.117          | 43   | 14319      | 5.732   | ug/L   | 100      |
| 35) Methylcyclohexane         | 5.985          | 83   | 70983      | 8.062   | ug/L # | 19       |
| 39) cis-1,3-Dichloropropene   | 6.915          | 75   | 8613       | 0.959   | ug/L # | 81       |
| 48) 2-Hexanone                | 8.030          | 43   | 19792      | 4.141   | ug/L # | 86       |
| -----                         |                |      |            |         |        |          |

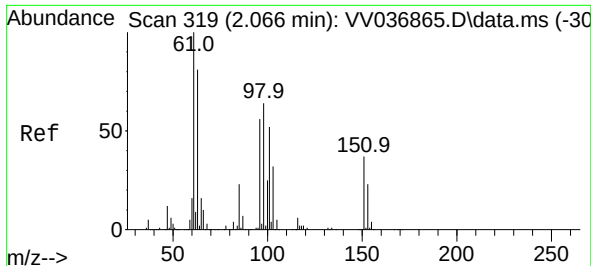
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 01:11:12 2024  
Response via : Initial Calibration

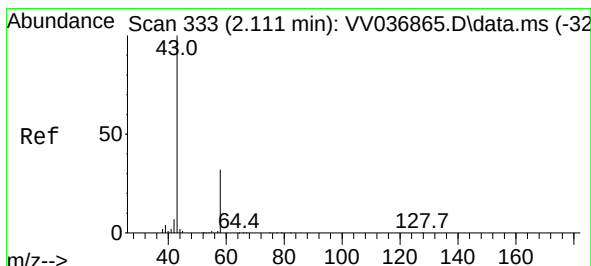
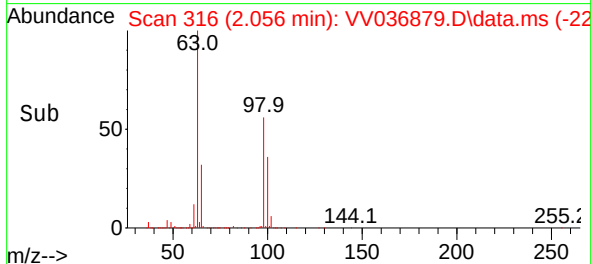
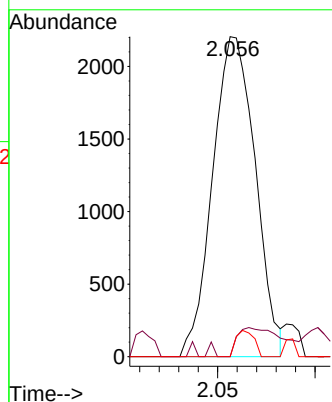
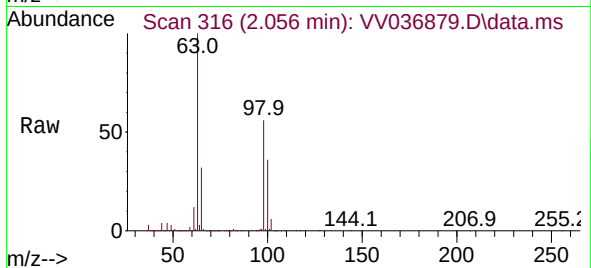




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.720 ug/L  
RT: 2.056 min Scan# 319  
Delta R.T. -0.010 min  
Lab File: VV036879.D  
Acq: 09 Aug 2024 16:22

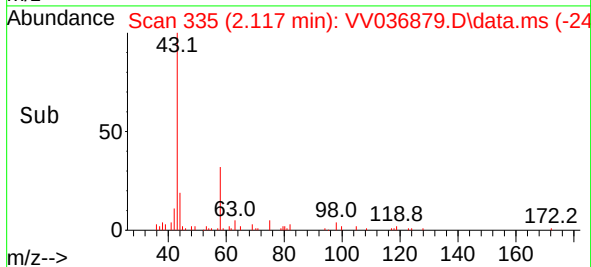
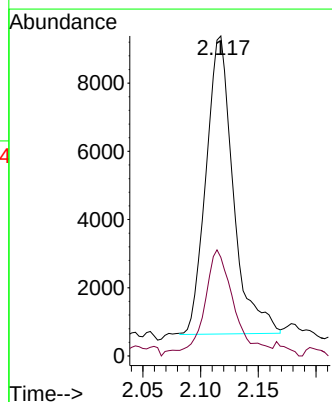
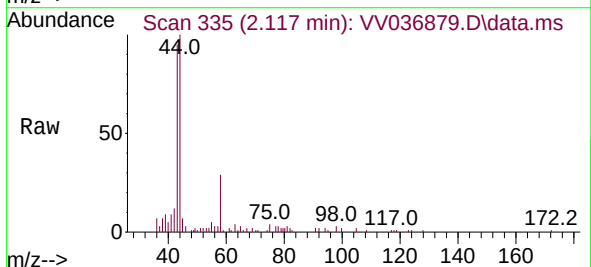
Instrument :  
MSVOA\_V  
ClientSampleId :

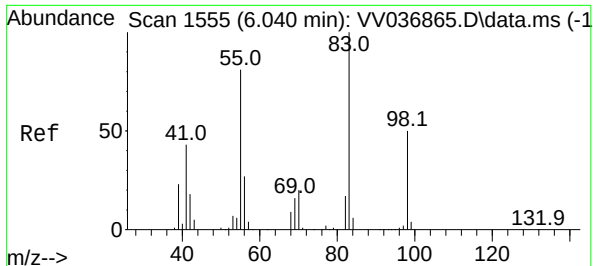
Tgt Ion:101 Resp: 3359  
Ion Ratio Lower Upper  
101 100  
85 9.8 34.6 51.8#  
151 3.5 55.9 83.9#



#13  
Acetone  
Concen: 5.732 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. 0.007 min  
Lab File: VV036879.D  
Acq: 09 Aug 2024 16:22

Tgt Ion: 43 Resp: 14319  
Ion Ratio Lower Upper  
43 100  
58 31.6 0.0 63.4





#35

Methylcyclohexane

Concen: 8.062 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV036879.D

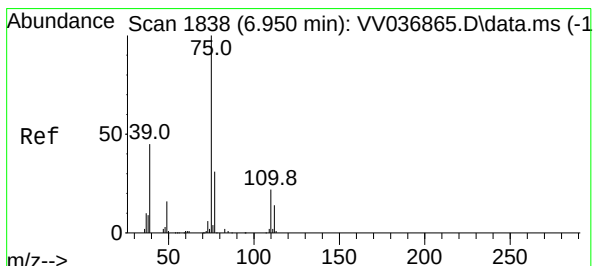
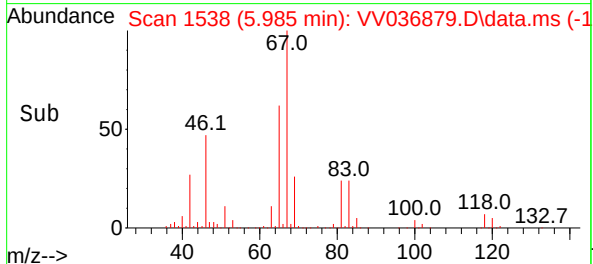
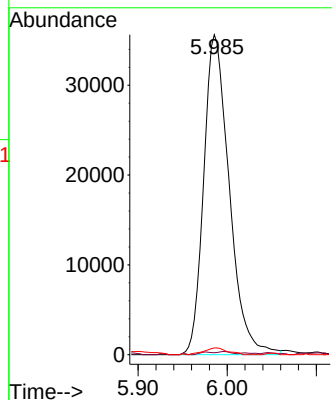
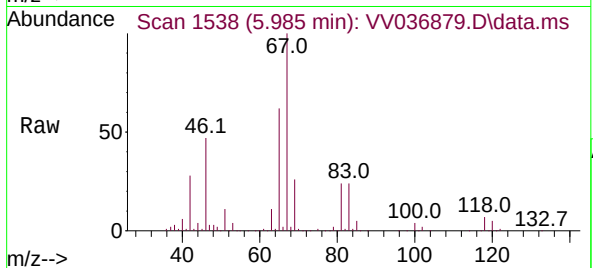
Acq: 09 Aug 2024 16:22

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 70983 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.5   | 62.3  | 93.5# |
| 98       | 1.9   | 38.7  | 58.1# |



#39

cis-1,3-Dichloropropene

Concen: 0.959 ug/L

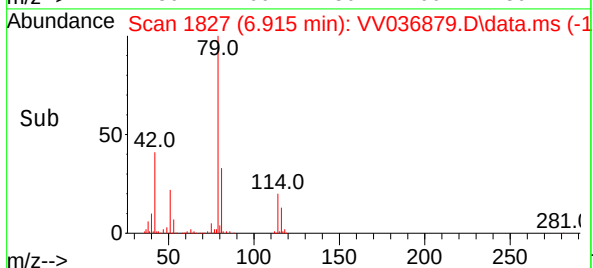
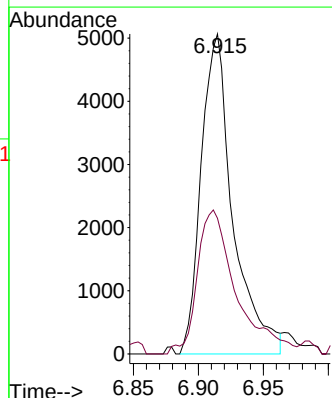
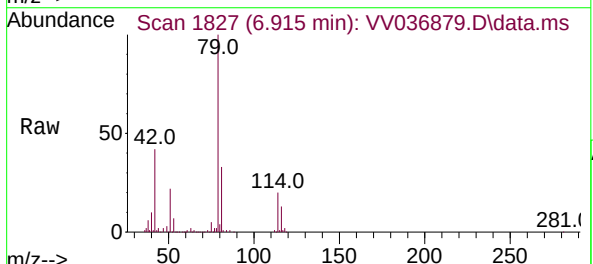
RT: 6.915 min Scan# 1827

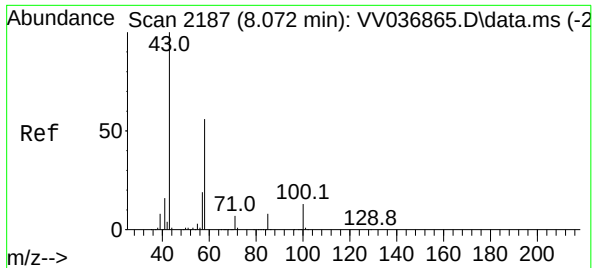
Delta R.T. -0.035 min

Lab File: VV036879.D

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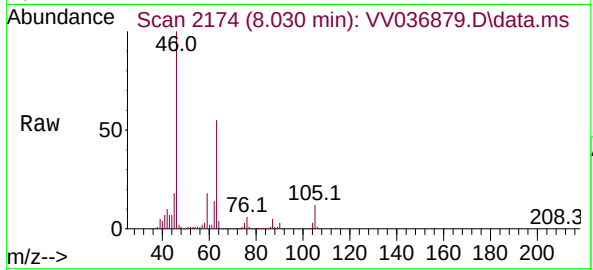
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8613  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 42.4  | 22.2  | 41.2# |





#48  
2-Hexanone  
Concen: 4.141 ug/L  
RT: 8.030 min Scan# 2187  
Delta R.T. -0.042 min  
Lab File: VV036879.D  
Acq: 09 Aug 2024 16:22

Instrument :  
MSVOA\_V  
ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 19792     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 49.0 44.7 67.1  |
| 57          | 27.0 15.0 22.4# |
| 100         | 0.8 10.2 15.4#  |

