

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121823\  
 Data File : VW027719.D  
 Acq On : 18 Dec 2023 10:16  
 Operator : SY/MD  
 Sample : VW1218SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 18 22:12:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

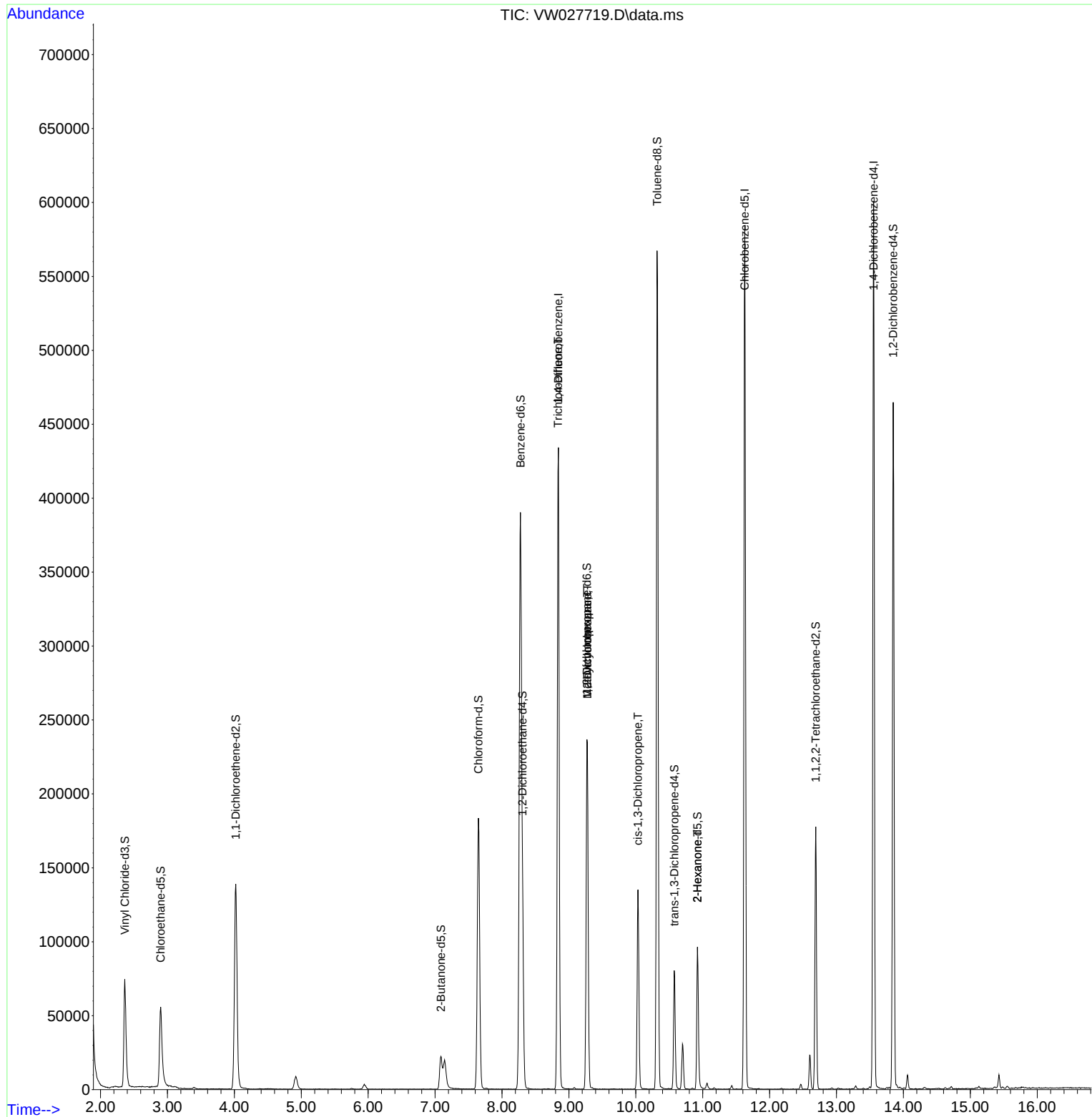
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 393150   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 352051   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 170959   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 102006   | 18.320   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.280%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 83660    | 19.298   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 43447    | 19.484   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 77.920%  |
| 21) 2-Butanone-d5             | 7.087  | 46    | 38472    | 40.577   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.160%  |
| 24) Chloroform-d              | 7.648  | 84    | 197055   | 21.064   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 94108    | 21.425   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 85.680%  |
| 32) Benzene-d6                | 8.276  | 84    | 433836   | 21.086   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 122625   | 21.037   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 84.160%  |
| 41) Toluene-d8                | 10.318 | 98    | 400926   | 21.002   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.000%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 47216    | 20.921   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.680%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 36212    | 42.630   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 85.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 90569    | 20.546   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 82.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 128824   | 21.051   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.837  | 95    | 10856    | 1.951    | ug/L # | 3        |
| 35) Methylcyclohexane         | 9.276  | 83    | 30114    | 3.001    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 9.276  | 63    | 12846    | 2.608    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 3310     | 0.441    | ug/L # | 59       |
| 48) 2-Hexanone                | 10.922 | 43    | 3789     | 2.364    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

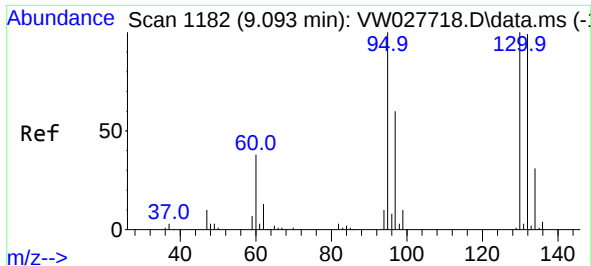
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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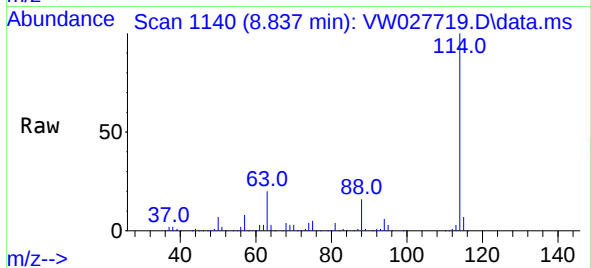
Quant Time: Dec 18 22:12:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sun Dec 17 01:25:09 2023  
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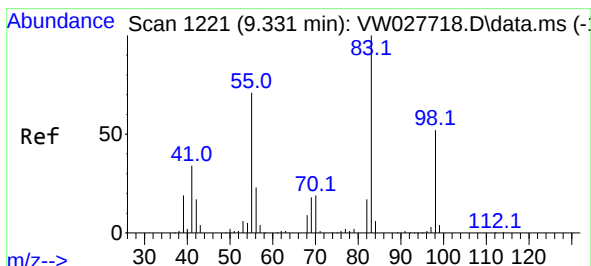
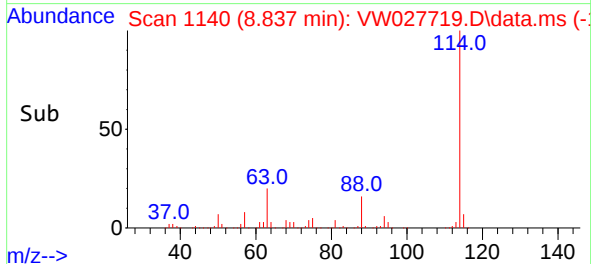
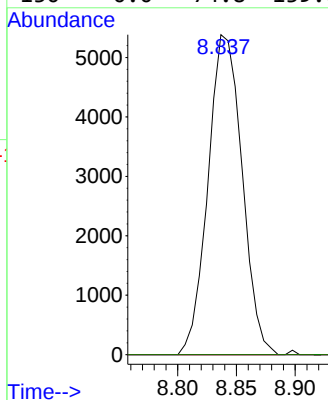


#34  
Trichloroethene  
Concen: 1.951 ug/L  
RT: 8.837 min Scan# 1182  
Delta R.T. -0.250 min  
Lab File: VW027719.D  
Acq: 18 Dec 2023 10:16

Instrument :  
MSVOA\_W  
ClientSampleId :

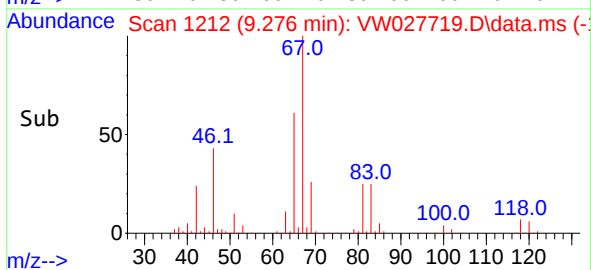
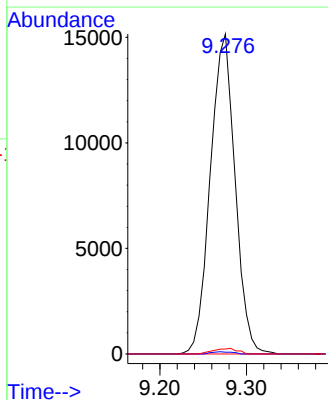
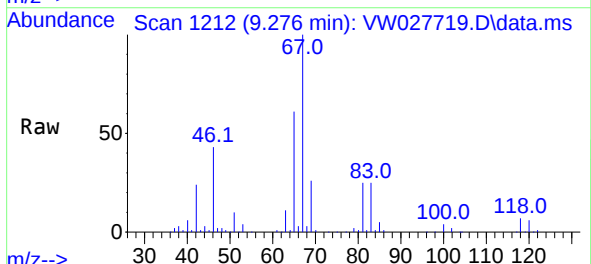


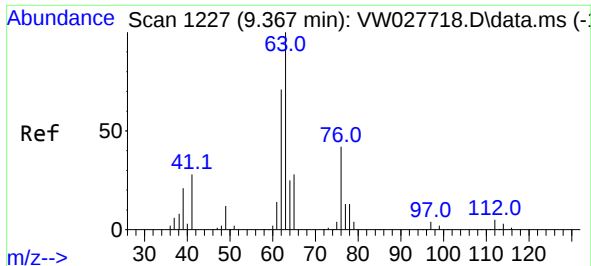
Tgt Ion: 95 Resp: 10856  
Ion Ratio Lower Upper  
95 100  
97 0.0 45.9 85.3#  
132 0.0 70.4 130.8#  
130 0.0 74.8 139.0#



#35  
Methylcyclohexane  
Concen: 3.001 ug/L  
RT: 9.276 min Scan# 1212  
Delta R.T. -0.055 min  
Lab File: VW027719.D  
Acq: 18 Dec 2023 10:16

Tgt Ion: 83 Resp: 30114  
Ion Ratio Lower Upper  
83 100  
55 0.6 55.1 82.7#  
98 1.7 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 2.608 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW027719.D

Acq: 18 Dec 2023 10:16

Instrument :

MSVOA\_W

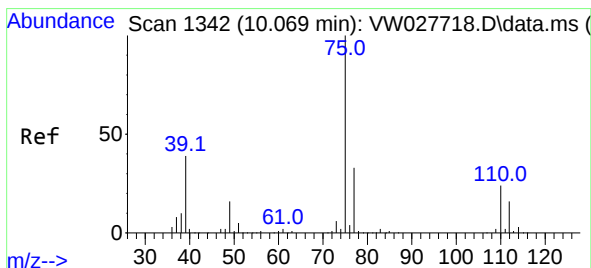
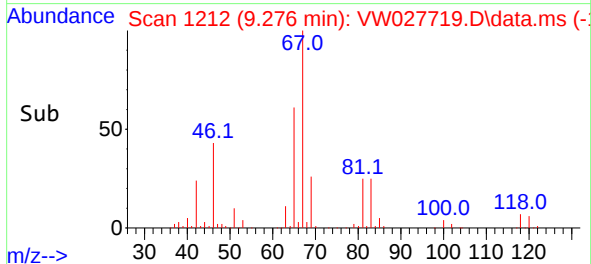
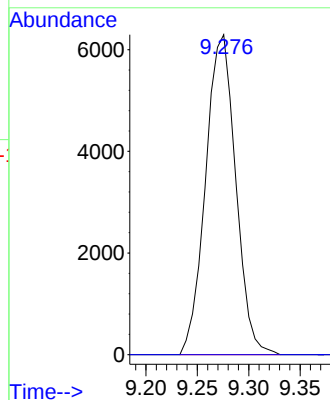
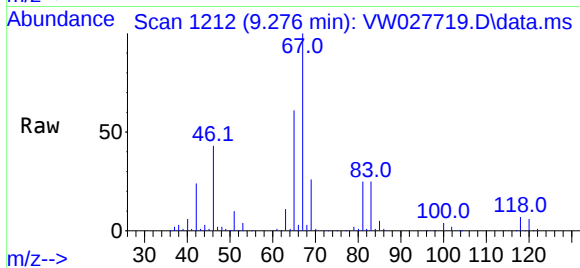
ClientSampleId :

Tgt Ion: 63 Resp: 12846

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027719.D

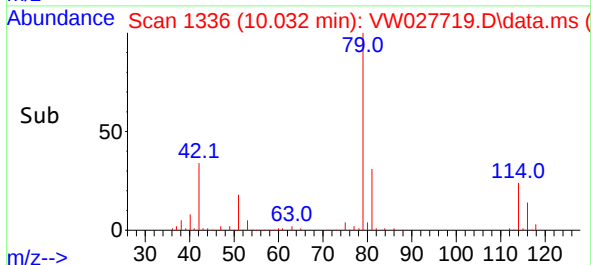
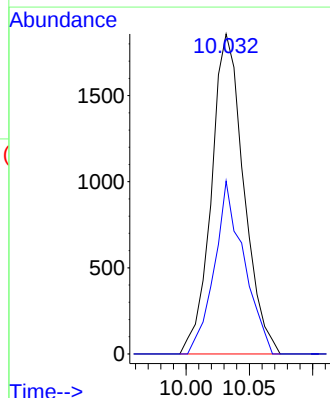
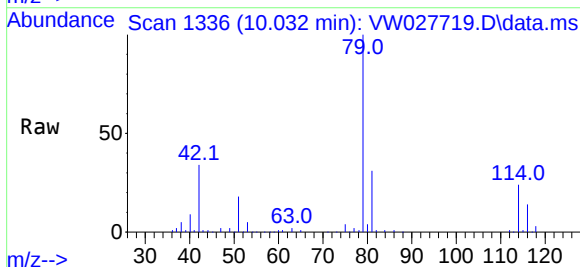
Acq: 18 Dec 2023 10:16

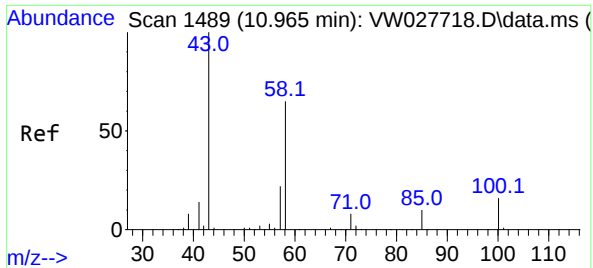
Tgt Ion: 75 Resp: 3310

Ion Ratio Lower Upper

75 100

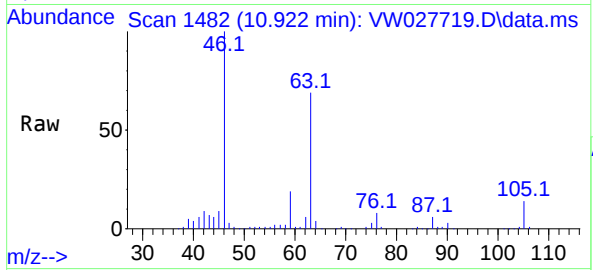
77 54.0 21.8 40.6#





#48  
2-Hexanone  
Concen: 2.364 ug/L  
RT: 10.922 min Scan# 14  
Delta R.T. -0.043 min  
Lab File: VW027719.D  
Acq: 18 Dec 2023 10:16

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 43 Resp: 3789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.9  | 50.4  | 75.6# |
| 57  | 28.3  | 17.0  | 25.6# |
| 100 | 0.0   | 11.9  | 17.9# |

