

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093022\  
 Data File : VU051040.D  
 Acq On : 30 Sep 2022 17:44  
 Operator : JC/MD  
 Sample : N4854-21 50X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 01 01:27:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 01 01:23:58 2022  
 Response via : Initial Calibration

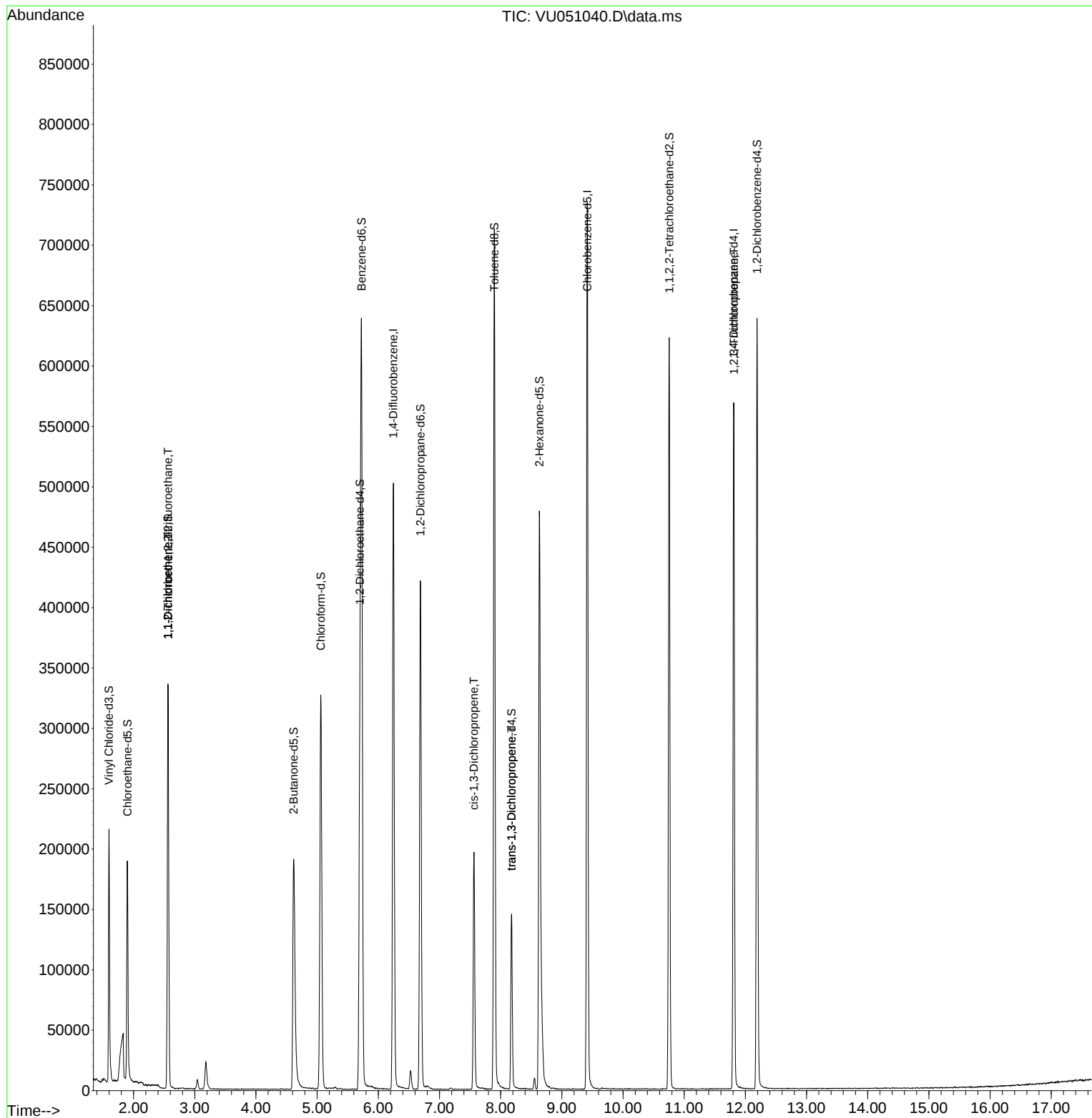
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 391444     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 402166     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 147916     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 159301     | 40.156   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 80.320%  |        |          |
| 7) Chloroethane-d5            | 1.900          | 69   | 144657     | 39.254   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 78.500%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 198278     | 33.836   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 67.680%  |        |          |
| 21) 2-Butanone-d5             | 4.616          | 46   | 266213     | 103.464  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.460% |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 304035     | 47.569   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.140%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 195624     | 49.449   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.900%  |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 588576     | 49.977   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.960%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 202742     | 53.053   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 106.100% |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 471361     | 43.320   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.640%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 81811      | 44.883   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.760%  |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 141994     | 92.021   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.020%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754         | 84   | 316384     | 47.371   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 94.740%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 164360     | 52.014   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.020% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562          | 101  | 1695       | 0.567    | ug/L # | 22       |
| 12) 1,1-Dichloroethene        | 2.562          | 96   | 1548       | 0.555    | ug/L # | 1        |
| 39) cis-1,3-Dichloropropene   | 7.562          | 75   | 4916       | 1.051    | ug/L # | 72       |
| 44) trans-1,3-Dichloropropene | 8.176          | 75   | 3764       | 0.796    | ug/L   | 96       |
| 60) 1,2,3-Trichloropropane    | 11.812         | 75   | 19180      | 4.927    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

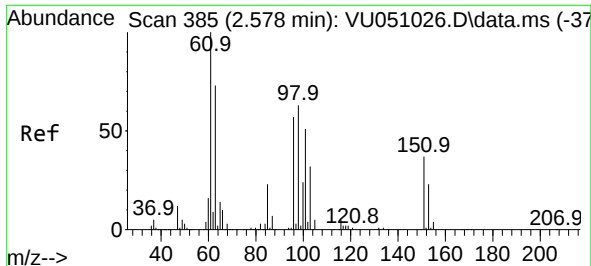
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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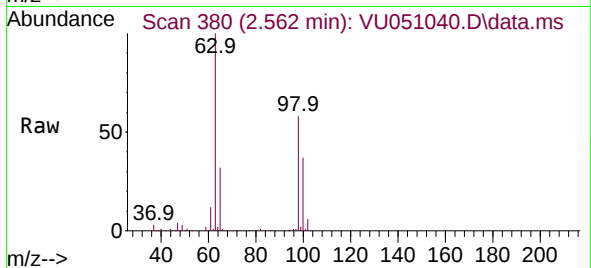
Quant Time: Oct 01 01:27:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Oct 01 01:23:58 2022  
Response via : Initial Calibration



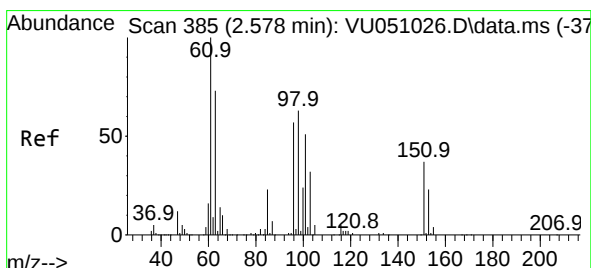
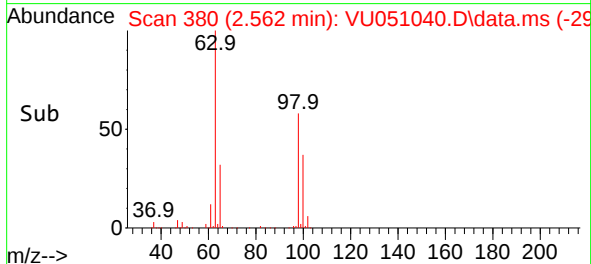
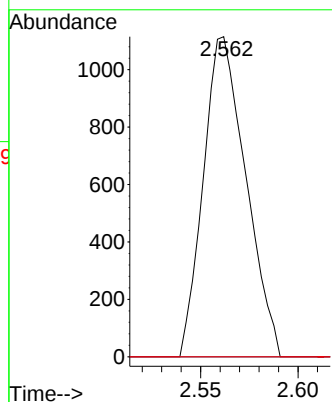


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.567 ug/L  
 RT: 2.562 min Scan# 380  
 Delta R.T. -0.016 min  
 Lab File: VU051040.D  
 Acq: 30 Sep 2022 17:44

Instrument :  
 MSVOA\_U  
 ClientSampleId :

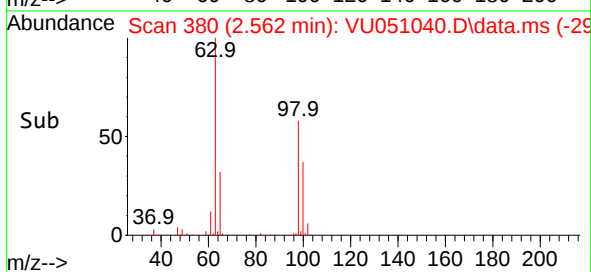
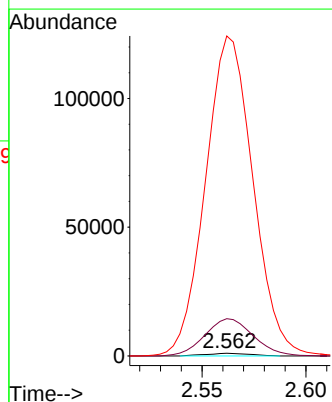
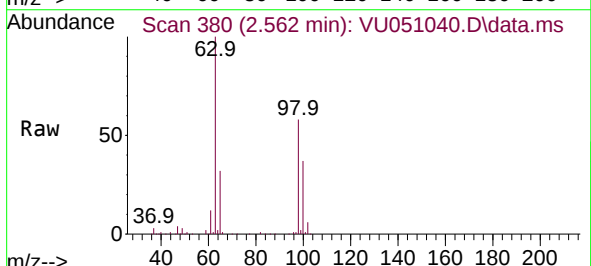


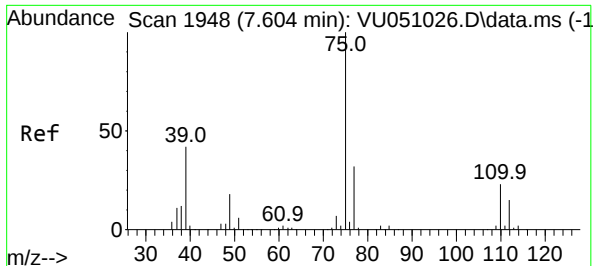
Tgt Ion:101 Resp: 1695  
 Ion Ratio Lower Upper  
 101 100  
 85 2.6 34.6 52.0#  
 151 0.0 58.6 87.8#



#12  
 1,1-Dichloroethene  
 Concen: 0.555 ug/L  
 RT: 2.562 min Scan# 380  
 Delta R.T. -0.016 min  
 Lab File: VU051040.D  
 Acq: 30 Sep 2022 17:44

Tgt Ion: 96 Resp: 1548  
 Ion Ratio Lower Upper  
 96 100  
 61 1382.8 113.0 209.9#  
 63 11879.9 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.051 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU051040.D

Acq: 30 Sep 2022 17:44

Instrument :

MSVOA\_U

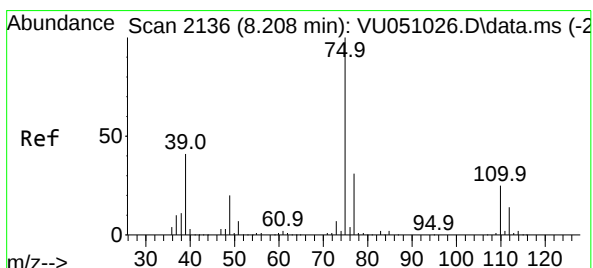
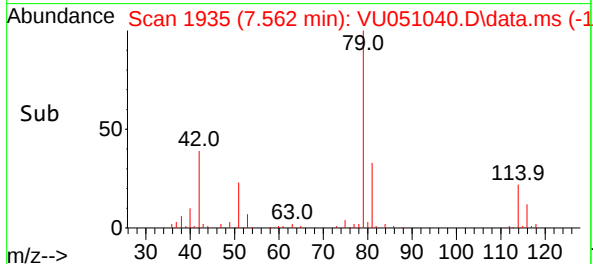
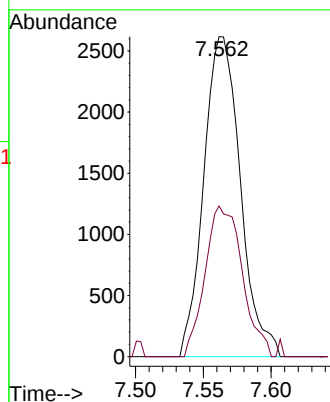
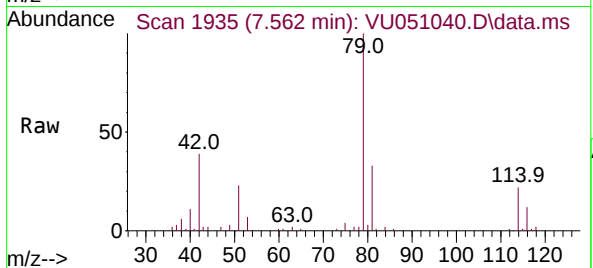
ClientSampleId :

Tgt Ion: 75 Resp: 4916

Ion Ratio Lower Upper

75 100

77 47.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.796 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051040.D

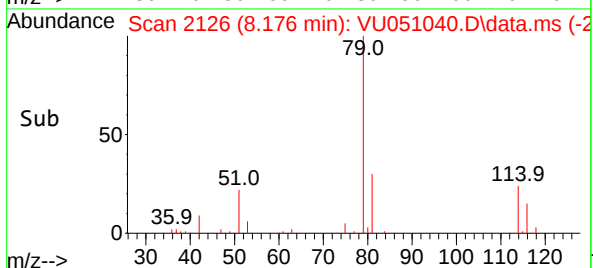
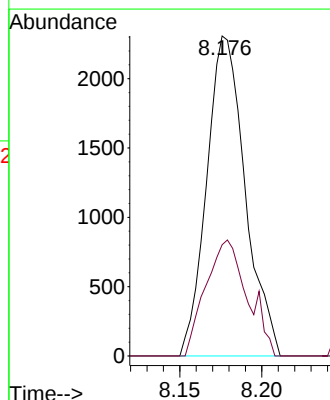
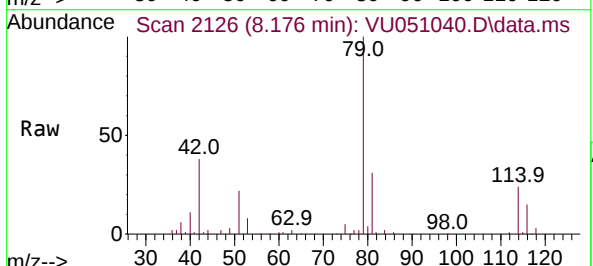
Acq: 30 Sep 2022 17:44

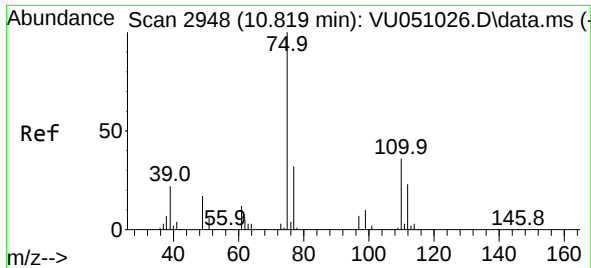
Tgt Ion: 75 Resp: 3764

Ion Ratio Lower Upper

75 100

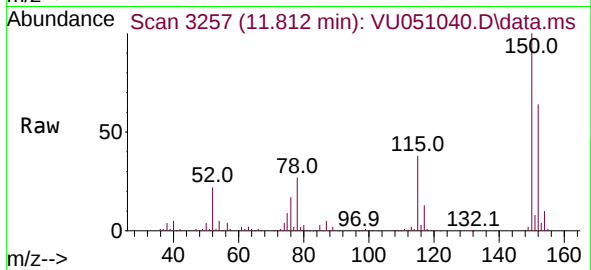
77 34.7 22.7 42.3





#60  
 1,2,3-Trichloropropane  
 Concen: 4.927 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.993 min  
 Lab File: VU051040.D  
 Acq: 30 Sep 2022 17:44

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 19180  
 Ion Ratio Lower Upper  
 75 100  
 77 27.8 26.1 39.1  
 110 1.3 30.0 45.0#

