

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
 Data File : VU055734.D  
 Acq On : 10 Oct 2023 20:26  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 11 05:57:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 11 05:51:51 2023  
 Response via : Initial Calibration

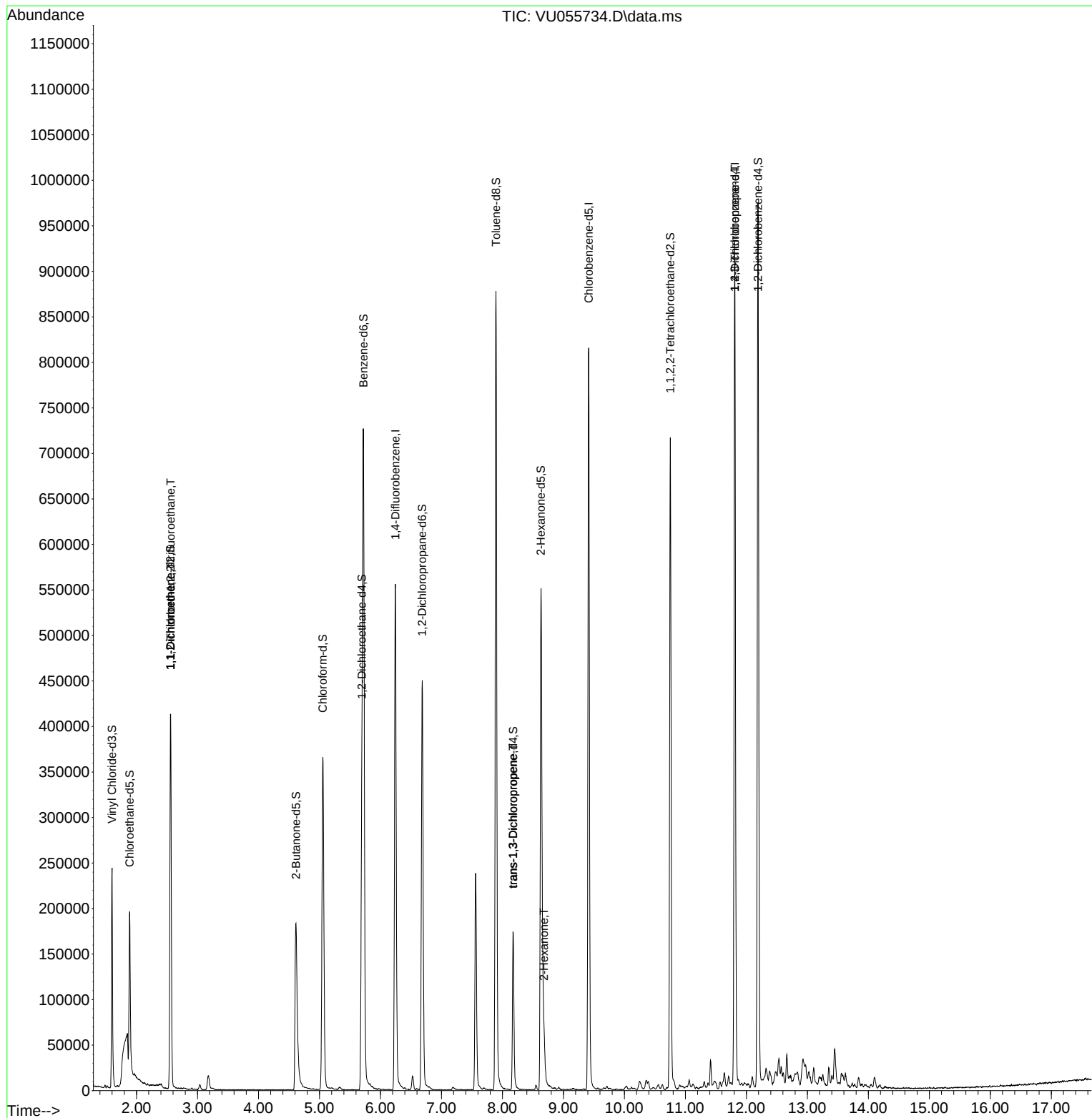
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.245   | 114            | 452079   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415   | 117            | 446893   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810  | 152            | 236711   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.599   | 65             | 179919   | 44.370  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 88.740%  |          |
| 7) Chloroethane-d5            | 1.888   | 69             | 142705   | 43.053  | ug/L     | -0.02    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 86.100%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.557   | 63             | 246933   | 34.153  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 68.300%  |          |
| 21) 2-Butanone-d5             | 4.615   | 46             | 283963   | 94.507  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 94.510%  |          |
| 24) Chloroform-d              | 5.055   | 84             | 339836   | 43.716  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 87.440%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695   | 65             | 228250   | 47.702  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 95.400%  |          |
| 32) Benzene-d6                | 5.721   | 84             | 674225   | 47.153  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 94.300%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685   | 67             | 211161   | 46.649  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 93.300%  |          |
| 41) Toluene-d8                | 7.894   | 98             | 593852   | 45.995  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 92.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177   | 79             | 97641    | 44.904  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 89.800%  |          |
| 47) 2-Hexanone-d5             | 8.631   | 63             | 184746   | 103.817 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 103.820% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753  | 84             | 349974   | 50.229  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 100.460% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152            | 244910   | 52.137  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 104.280% |          |
| Target Compounds              |         |                |          |         |          |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.560   | 101            | 2482     | 0.689   | ug/L #   | 20       |
| 12) 1,1-Dichloroethene        | 2.560   | 96             | 1992     | 0.622   | ug/L #   | 1        |
| 44) trans-1,3-Dichloropropene | 8.174   | 75             | 4925     | 0.870   | ug/L #   | 76       |
| 48) 2-Hexanone                | 8.682   | 43             | 27119    | 5.933   | ug/L #   | 46       |
| 60) 1,2,3-Trichloropropane    | 11.810  | 75             | 30015    | 5.843   | ug/L #   | 67       |

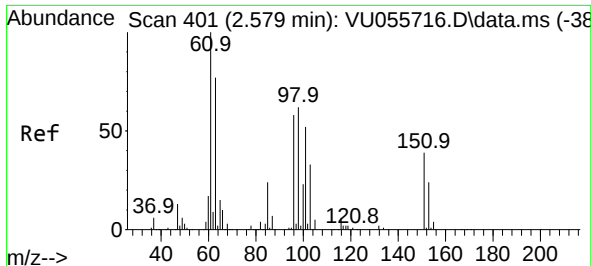
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

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MSVOA\_U  
ClientSampleId :

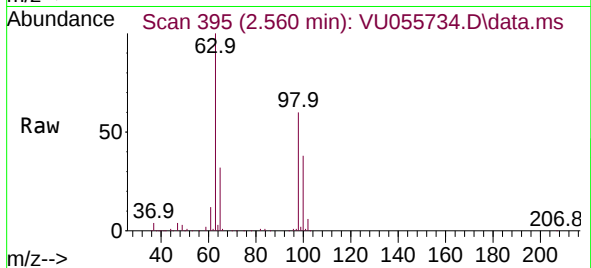
Quant Time: Oct 11 05:57:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 11 05:51:51 2023  
Response via : Initial Calibration



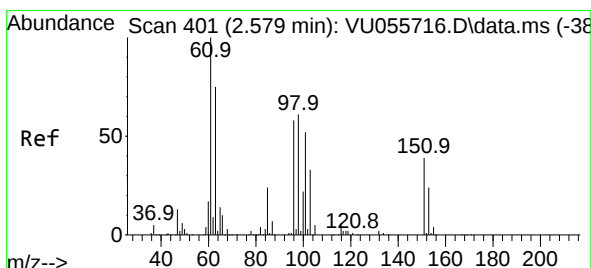
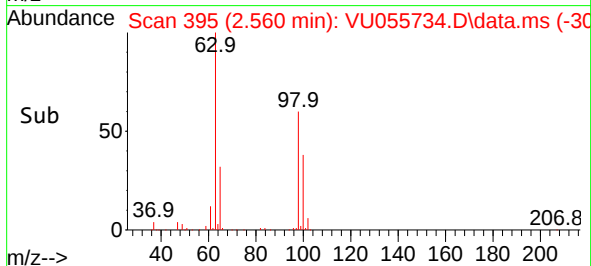
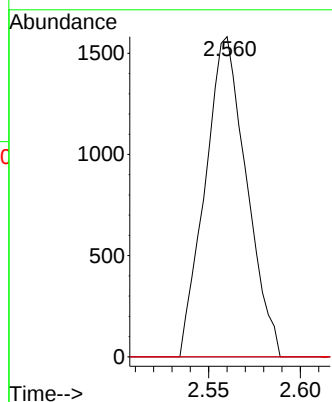


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.689 ug/L  
 RT: 2.560 min Scan# 395  
 Delta R.T. -0.019 min  
 Lab File: VU055734.D  
 Acq: 10 Oct 2023 20:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :

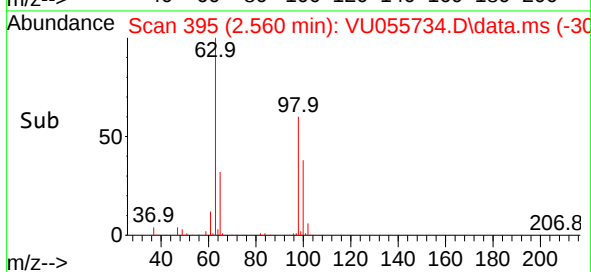
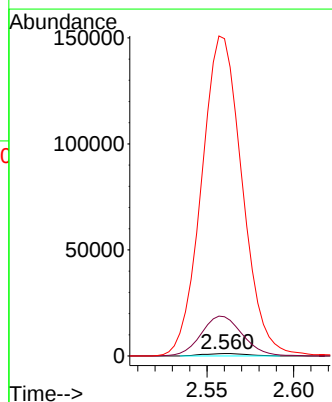
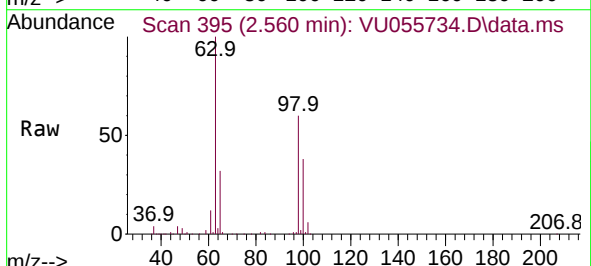


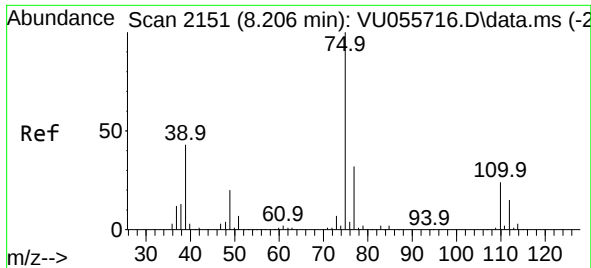
Tgt Ion:101 Resp: 2482  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 37.1 55.7#  
 151 0.0 58.2 87.4#



#12  
 1,1-Dichloroethene  
 Concen: 0.622 ug/L  
 RT: 2.560 min Scan# 395  
 Delta R.T. -0.019 min  
 Lab File: VU055734.D  
 Acq: 10 Oct 2023 20:26

Tgt Ion: 96 Resp: 1992  
 Ion Ratio Lower Upper  
 96 100  
 61 1621.7 122.0 226.6#  
 63 13102.6 93.7 174.1#

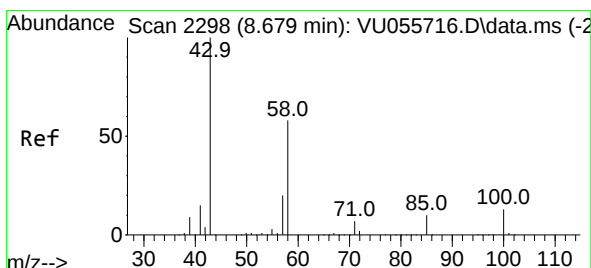
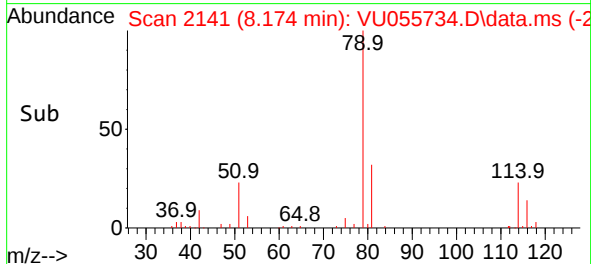
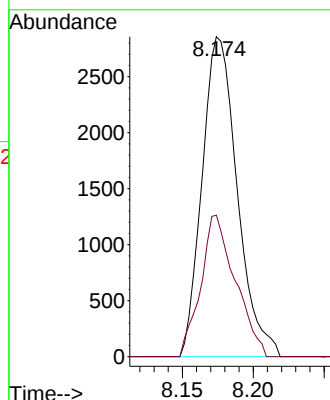
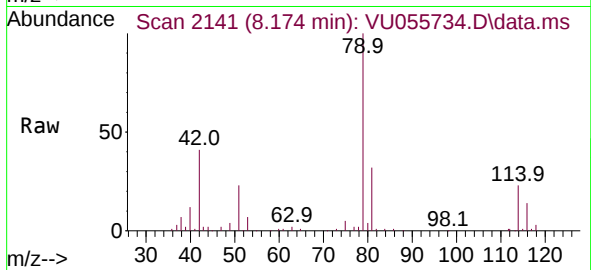




#44  
trans-1,3-Dichloropropene  
Concen: 0.870 ug/L  
RT: 8.174 min Scan# 2151  
Delta R.T. -0.032 min  
Lab File: VU055734.D  
Acq: 10 Oct 2023 20:26

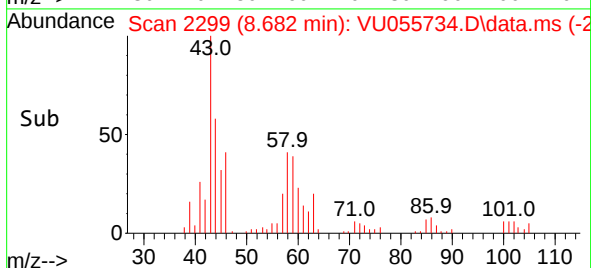
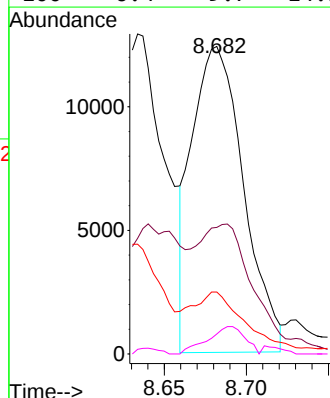
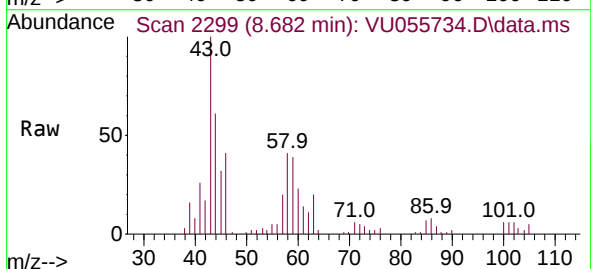
Instrument :  
MSVOA\_U  
ClientSampleId :

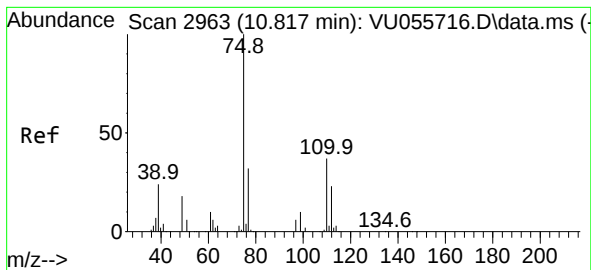
Tgt Ion: 75 Resp: 4925  
Ion Ratio Lower Upper  
75 100  
77 44.2 21.6 40.2#



#48  
2-Hexanone  
Concen: 5.933 ug/L  
RT: 8.682 min Scan# 2299  
Delta R.T. 0.003 min  
Lab File: VU055734.D  
Acq: 10 Oct 2023 20:26

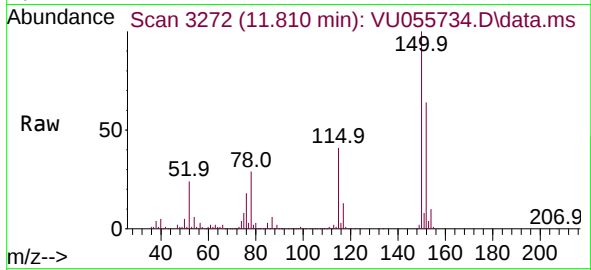
Tgt Ion: 43 Resp: 27119  
Ion Ratio Lower Upper  
43 100  
58 0.0 45.2 67.8#  
57 13.8 16.1 24.1#  
100 6.4 9.7 14.5#





#60  
 1,2,3-Trichloropropane  
 Concen: 5.843 ug/L  
 RT: 11.810 min Scan# 31  
 Delta R.T. 0.994 min  
 Lab File: VU055734.D  
 Acq: 10 Oct 2023 20:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 30015  
 Ion Ratio Lower Upper  
 75 100  
 77 37.3 25.8 38.8  
 110 4.1 28.5 42.7#

