

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110923\  
 Data File : VU056154.D  
 Acq On : 09 Nov 2023 20:53  
 Operator : MD/SY  
 Sample : 05339-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 09 21:39:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 09 21:34:15 2023  
 Response via : Initial Calibration

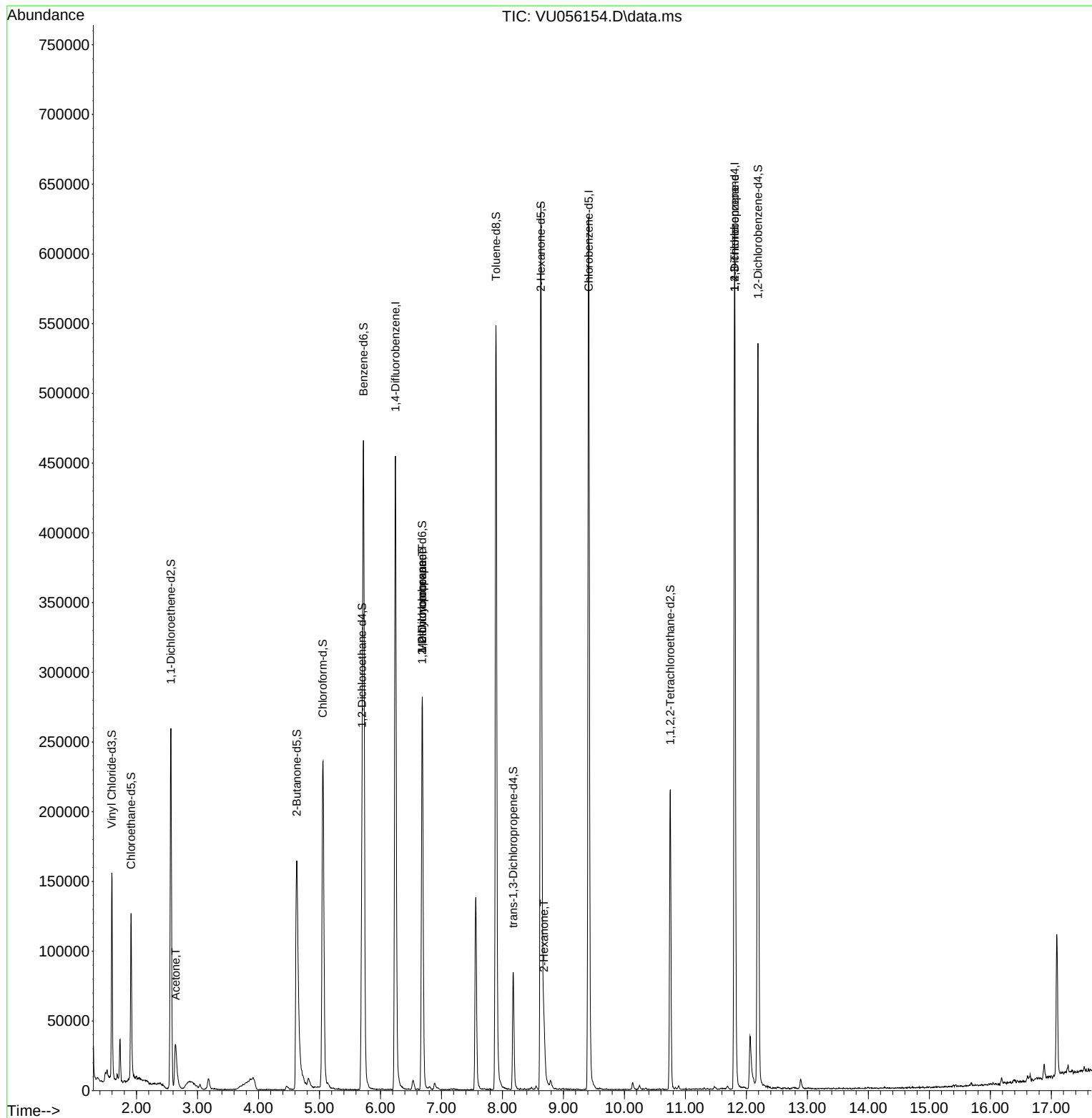
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 390686   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 391044   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 178490   | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 105371   | 4.345    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.000%   |
| 7) Chloroethane-d5            | 1.911  | 69    | 87330    | 5.307    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 106.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 47818    | 4.476    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.600%   |
| 20) 2-Butanone-d5             | 4.627  | 46    | 280296   | 70.456   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 140.920%# |
| 24) Chloroform-d              | 5.055  | 84    | 230309   | 4.989    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 112207   | 5.520    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 110.400%  |
| 32) Benzene-d6                | 5.721  | 84    | 463889   | 4.939    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.800%   |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 141588   | 5.121    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 394167   | 4.580    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.600%   |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 51474    | 4.871    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 97.400%   |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 228449   | 65.955   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 131.920%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 112199   | 5.686    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 113.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 148629   | 5.400    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 108.000%  |
| Target Compounds              |        |       |          |          |        |           |
| 13) Acetone                   | 2.640  | 43    | 54255    | 18.492   | ug/L   | 98        |
| 35) Methylcyclohexane         | 6.685  | 83    | 33526    | 0.738    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 14644    | 0.503    | ug/L # | 87        |
| 48) 2-Hexanone                | 8.682  | 43    | 14407    | 1.554    | ug/L # | 82        |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 19917    | 1.293    | ug/L # | 67        |

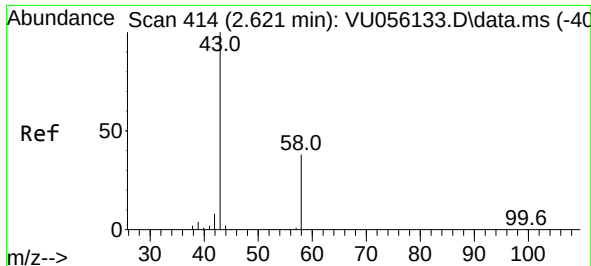
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110923\  
Data File : VU056154.D  
Acq On : 09 Nov 2023 20:53  
Operator : MD/SY  
Sample : 05339-03  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 09 21:39:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 09 21:34:15 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 18.492 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU056154.D

Acq: 09 Nov 2023 20:53

Instrument :

MSVOA\_U

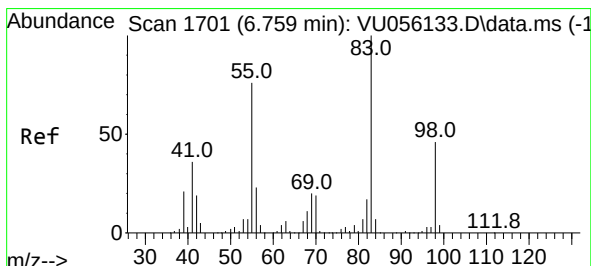
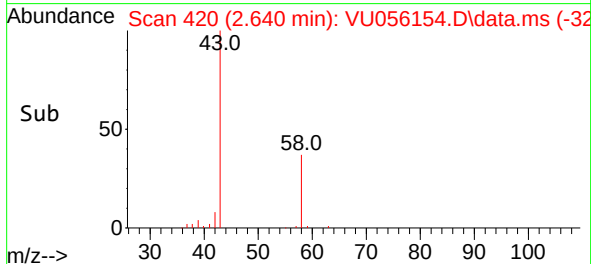
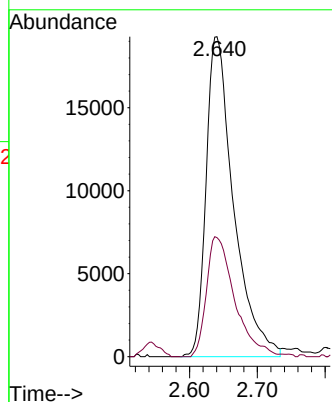
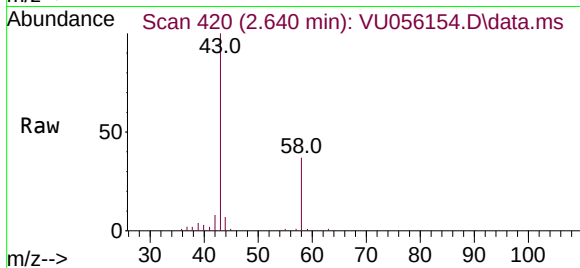
ClientSampleId :

Tgt Ion: 43 Resp: 54255

Ion Ratio Lower Upper

43 100

58 38.5 0.0 74.4



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056154.D

Acq: 09 Nov 2023 20:53

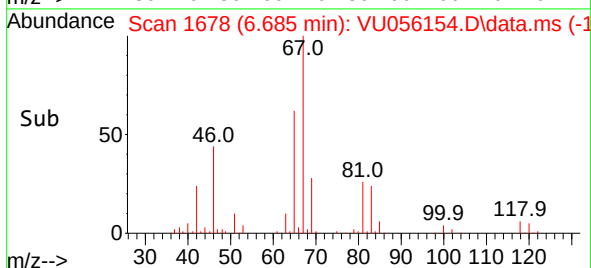
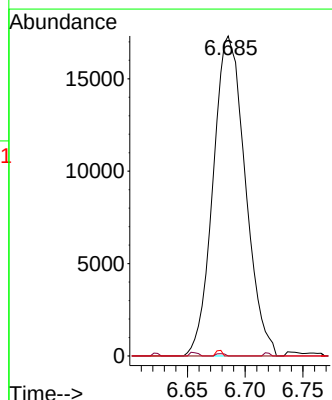
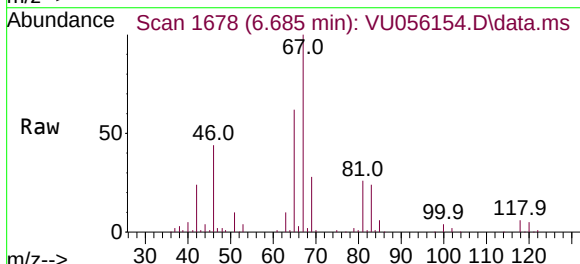
Tgt Ion: 83 Resp: 33526

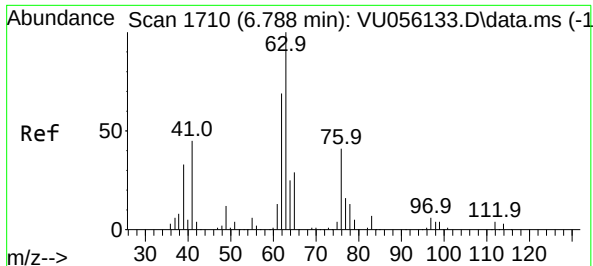
Ion Ratio Lower Upper

83 100

55 0.2 60.6 91.0#

98 0.3 36.2 54.4#

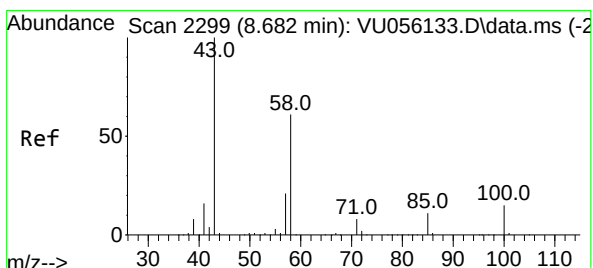
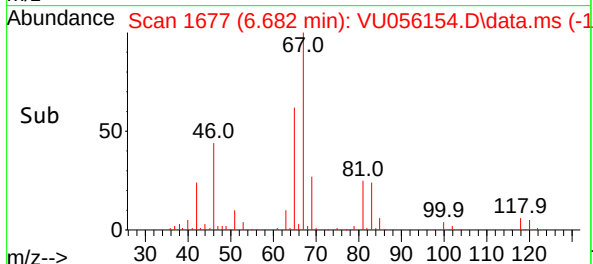
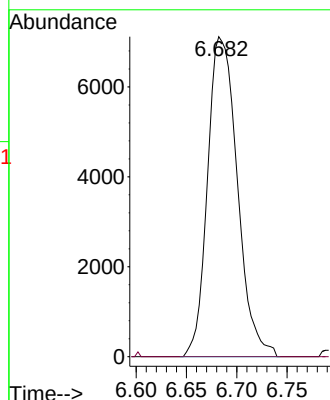
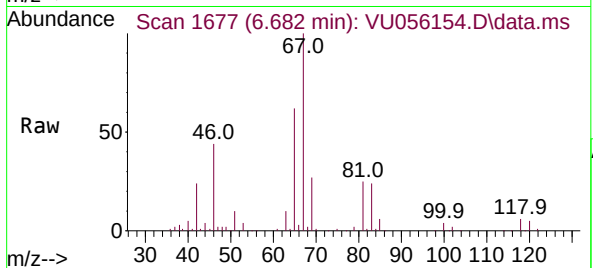




#37  
1,2-Dichloropropane  
Concen: 0.503 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.106 min  
Lab File: VU056154.D  
Acq: 09 Nov 2023 20:53

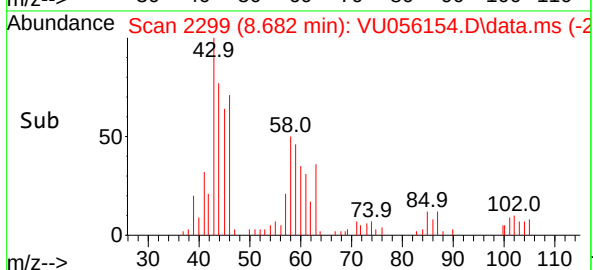
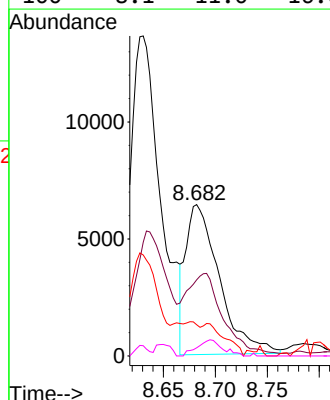
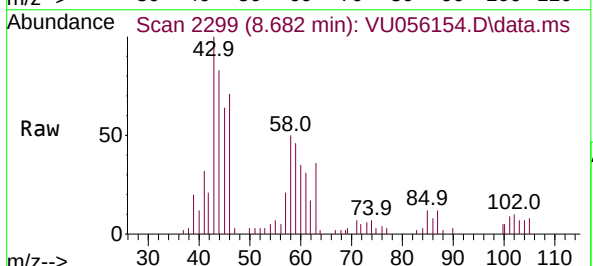
Instrument :  
MSVOA\_U  
ClientSampleId :

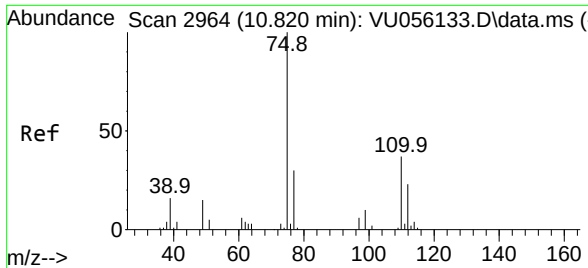
Tgt Ion: 63 Resp: 14644  
Ion Ratio Lower Upper  
63 100  
112 0.1 3.4 5.2#



#48  
2-Hexanone  
Concen: 1.554 ug/L  
RT: 8.682 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: VU056154.D  
Acq: 09 Nov 2023 20:53

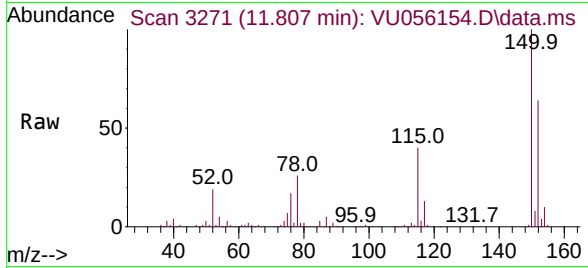
Tgt Ion: 43 Resp: 14407  
Ion Ratio Lower Upper  
43 100  
58 56.9 52.0 78.0  
57 1.9 17.4 26.2#  
100 8.1 11.0 16.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.293 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU056154.D  
 Acq: 09 Nov 2023 20:53

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 19917 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.6   | 29.7  | 44.5# |
| 77       | 33.7  | 25.5  | 38.3  |

