

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072522\  
 Data File : VU049877.D  
 Acq On : 25 Jul 2022 19:19  
 Operator : SY/MD  
 Sample : N3879-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUF3

Quant Time: Jul 26 05:37:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 26 05:33:39 2022  
 Response via : Initial Calibration

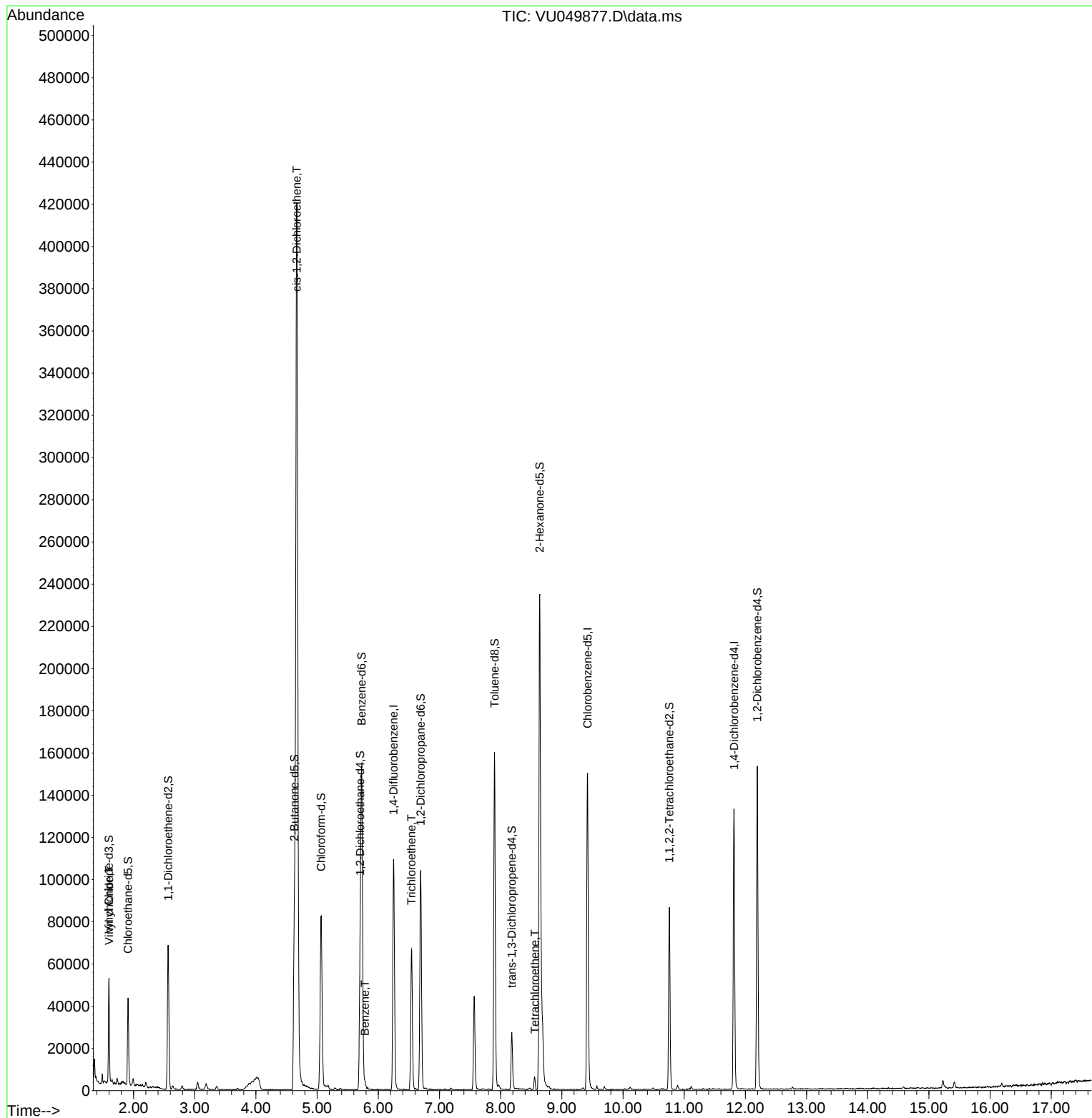
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 84841    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 80602    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152            | 34154    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 30573    | 4.451  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 89.000%  |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 28134    | 4.894  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 97.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 13875    | 4.526  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.600%  |          |
| 20) 2-Butanone-d5             | 4.629  | 46             | 134048   | 54.240 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 108.480% |          |
| 24) Chloroform-d              | 5.066  | 84             | 75636    | 4.944  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 44778    | 4.992  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.800%  |          |
| 32) Benzene-d6                | 5.729  | 84             | 136189   | 4.958  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67             | 49120    | 5.177  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.600% |          |
| 41) Toluene-d8                | 7.899  | 98             | 106383   | 4.431  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 15308    | 4.444  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.800%  |          |
| 46) 2-Hexanone-d5             | 8.635  | 63             | 69454    | 50.878 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 101.760% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 42378    | 5.318  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 106.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 37237    | 5.282  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.600% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 5) Vinyl chloride             | 1.600  | 62             | 1656     | 0.180  | ug/L     | # 69     |
| 22) cis-1,2-Dichloroethene    | 4.668  | 96             | 203274   | 27.084 | ug/L     | 94       |
| 33) Benzene                   | 5.780  | 78             | 2848     | 0.097  | ug/L     | 100      |
| 34) Trichloroethene           | 6.542  | 95             | 22453    | 3.166  | ug/L     | 97       |
| 47) Tetrachloroethene         | 8.558  | 164            | 1240     | 0.254  | ug/L     | 87       |
| -----                         |        |                |          |        |          |          |

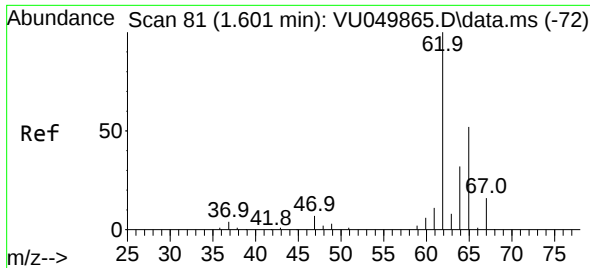
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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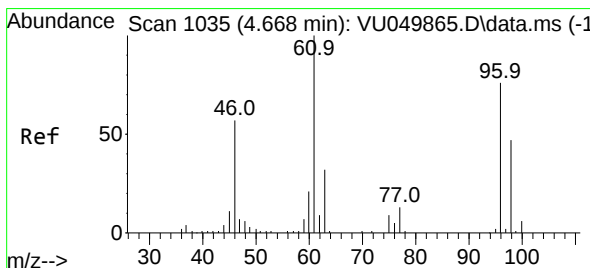
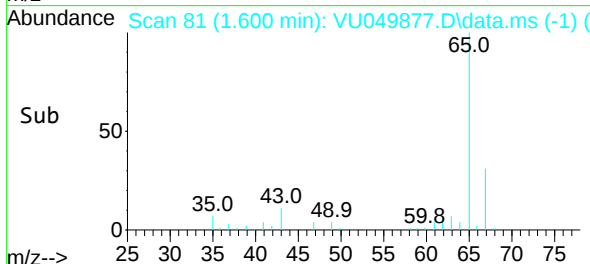
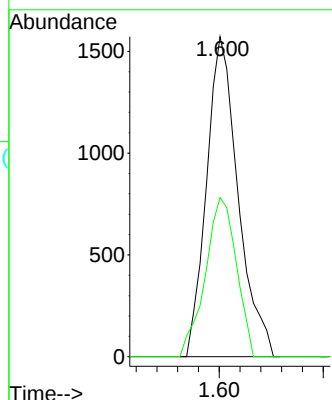
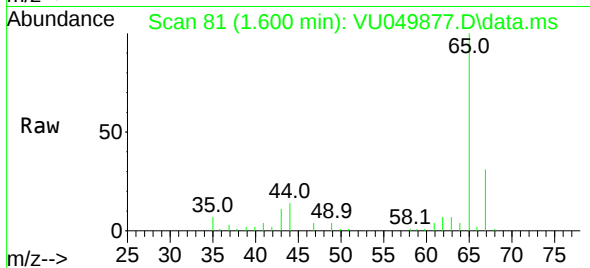




#5  
 Vinyl chloride  
 Concen: 0.180 ug/L  
 RT: 1.600 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VU049877.D  
 Acq: 25 Jul 2022 19:19

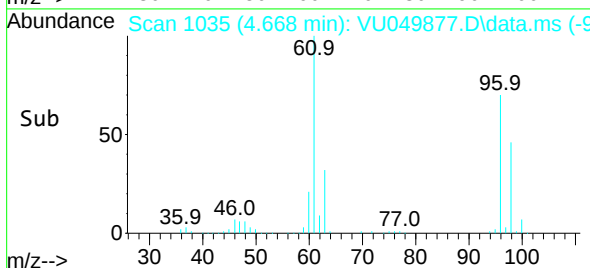
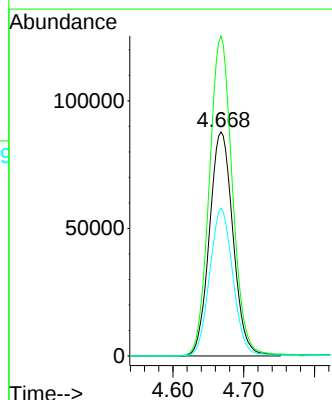
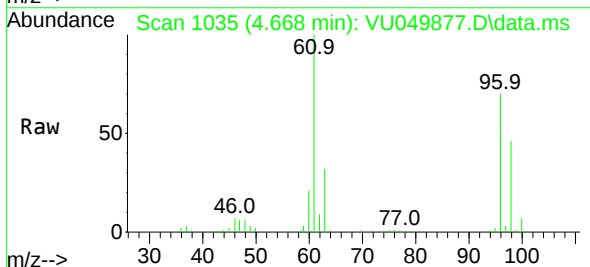
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUF3

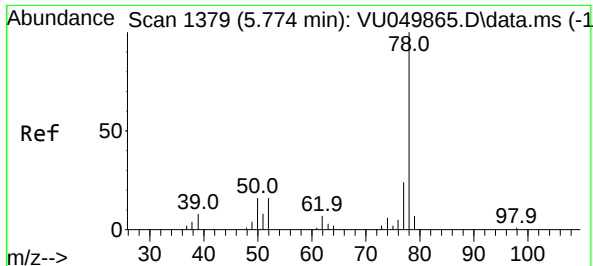
Tgt Ion: 62 Resp: 1656  
 Ion Ratio Lower Upper  
 62 100  
 64 49.7 22.7 42.3#



#22  
 cis-1,2-Dichloroethene  
 Concen: 27.084 ug/L  
 RT: 4.668 min Scan# 1035  
 Delta R.T. -0.000 min  
 Lab File: VU049877.D  
 Acq: 25 Jul 2022 19:19

Tgt Ion: 96 Resp: 203274  
 Ion Ratio Lower Upper  
 96 100  
 61 142.9 93.9 174.3  
 98 66.0 43.9 81.5

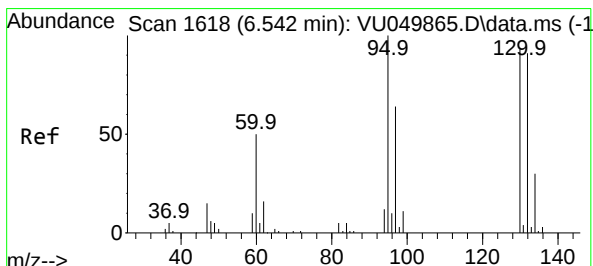
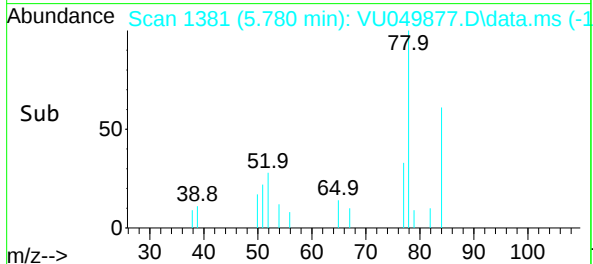
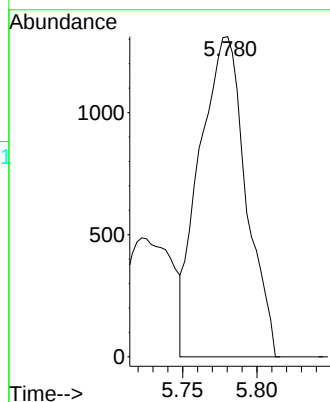
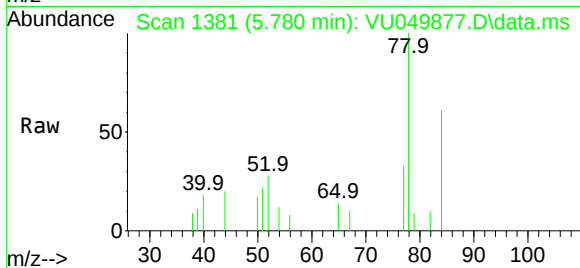




#33  
Benzene  
Concen: 0.097 ug/L  
RT: 5.780 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU049877.D  
Acq: 25 Jul 2022 19:19

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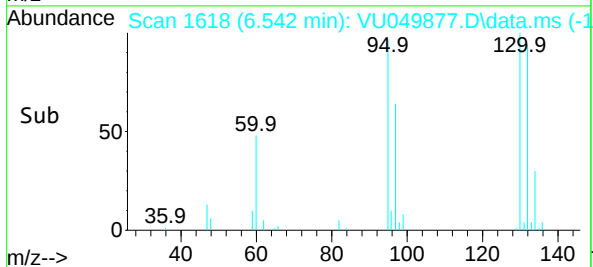
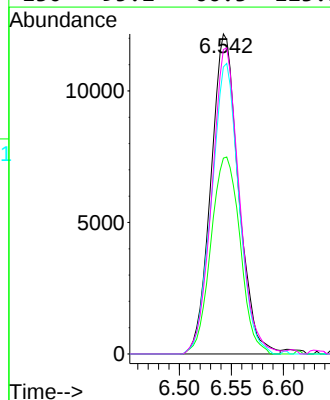
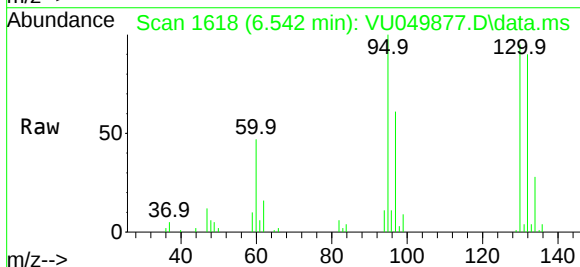
Tgt Ion: 78 Resp: 2848

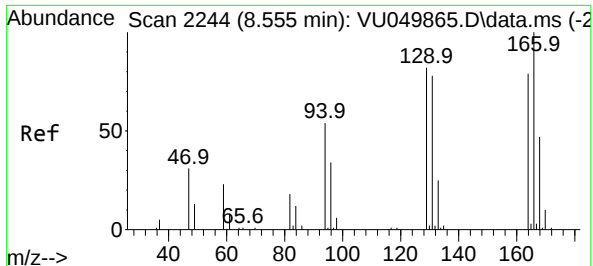


#34  
Trichloroethene  
Concen: 3.166 ug/L  
RT: 6.542 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VU049877.D  
Acq: 25 Jul 2022 19:19

Tgt Ion: 95 Resp: 22453

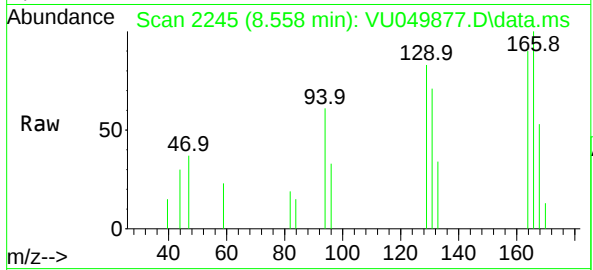
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.2  | 46.8  | 86.8  |
| 132 | 89.7  | 61.8  | 114.8 |
| 130 | 95.2  | 66.3  | 123.1 |





#47  
 Tetrachloroethene  
 Concen: 0.254 ug/L  
 RT: 8.558 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VU049877.D  
 Acq: 25 Jul 2022 19:19

Instrument :  
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 ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1240  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 92.2  | 68.9  | 127.9 |
| 131      | 79.0  | 67.5  | 125.4 |
| 166      | 111.6 | 89.2  | 165.8 |

