

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031425\  
 Data File : VY021539.D  
 Acq On : 14 Mar 2025 15:01  
 Operator : SY/MD  
 Sample : Q1547-01RE  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OR-620-JB-COMP-01

Quant Time: Mar 15 02:03:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                   | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| -----                      |       |      |          |       |       |          |
| Internal Standards         |       |      |          |       |       |          |
| 1) Pentafluorobenzene      | 0.000 | 168  | 0        | 0.000 | ug/l  | -7.71    |
| 34) 1,4-Difluorobenzene    | 0.000 | 114  | 0        | 0.000 | ug/l  | -8.62    |
| 63) Chlorobenzene-d5       | 0.000 | 117  | 0        | 0.000 | ug/l  | -11.42   |
| 72) 1,4-Dichlorobenzene-d4 | 0.000 | 152  | 0        | 0.000 | ug/l  | -13.35   |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 0.000  | 65    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 0.000%# |
| 35) Dibromofluoromethane    | 0.000  | 113   | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 0.000%# |
| 50) Toluene-d8              | 0.000  | 98    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 0.000%# |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 0.000%# |

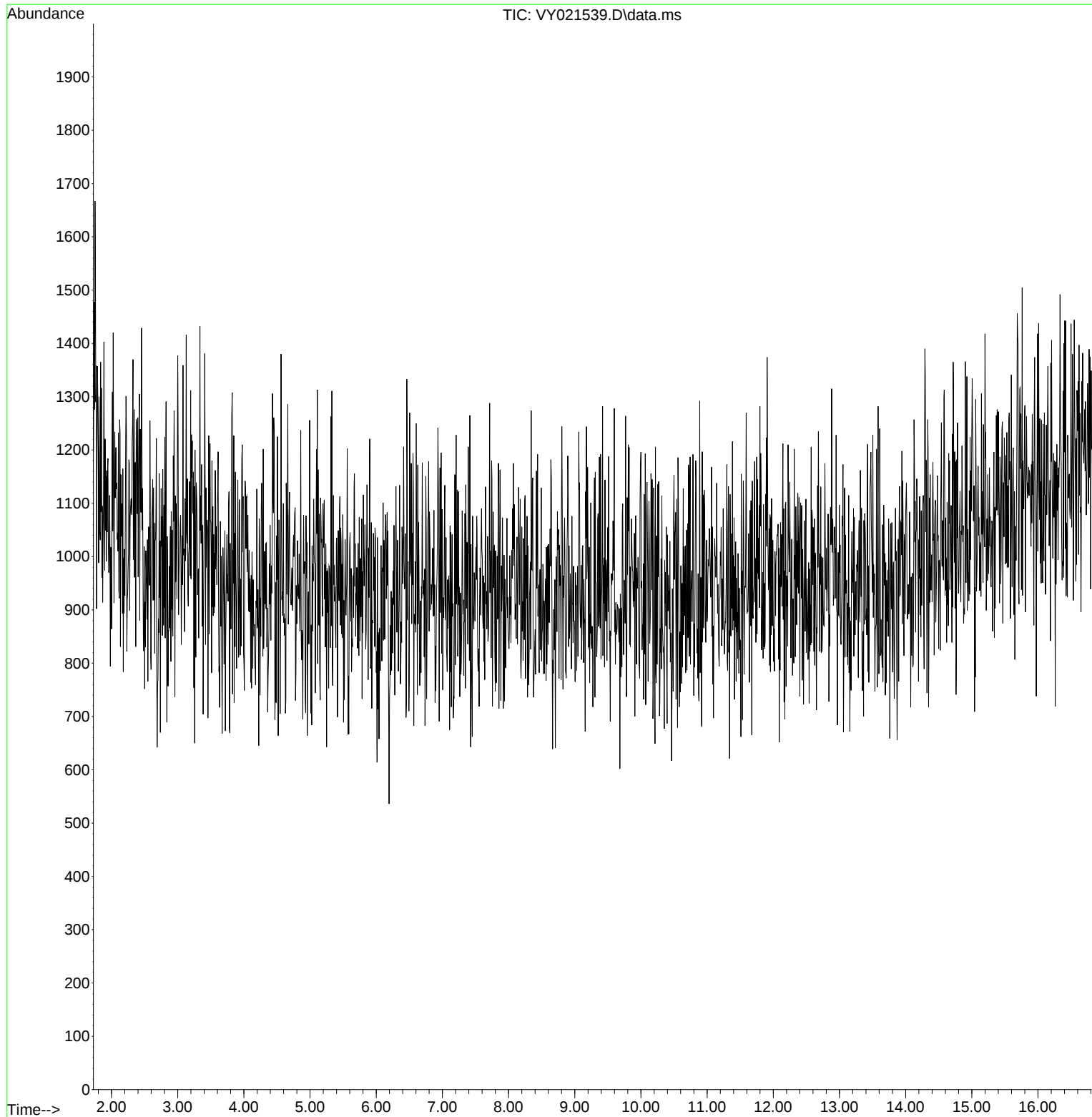
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

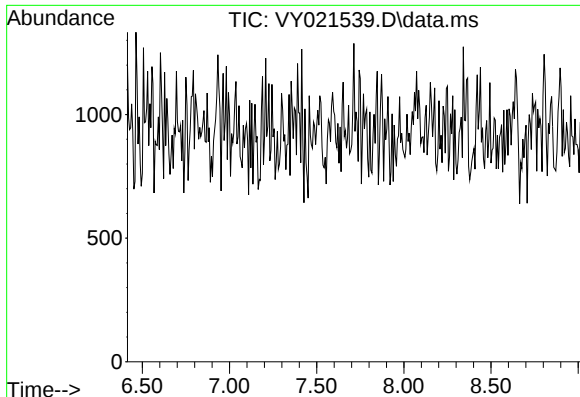
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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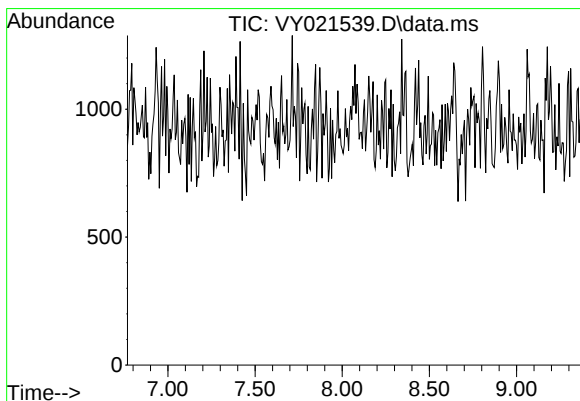
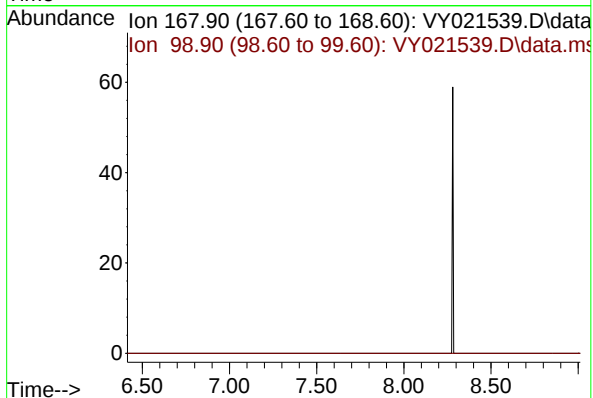




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.71 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

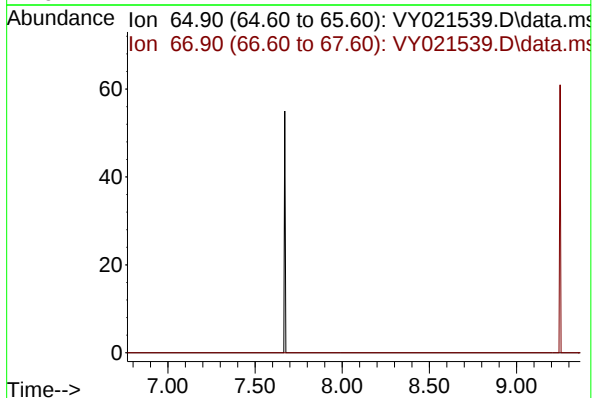
Instrument :  
MSVOA\_Y  
ClientSampleId :  
OR-620-JB-COMP-01

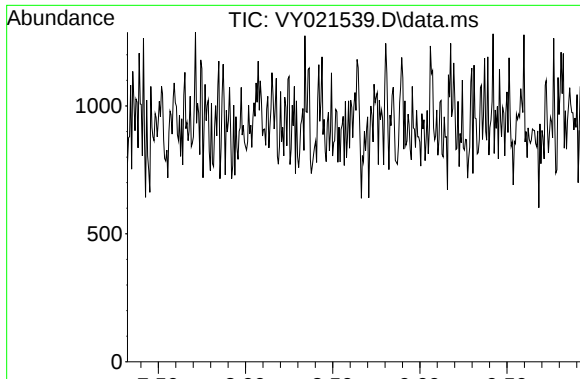
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 57.5



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.07 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 51.4

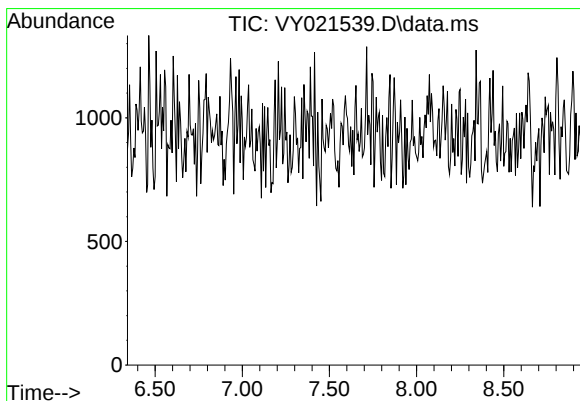
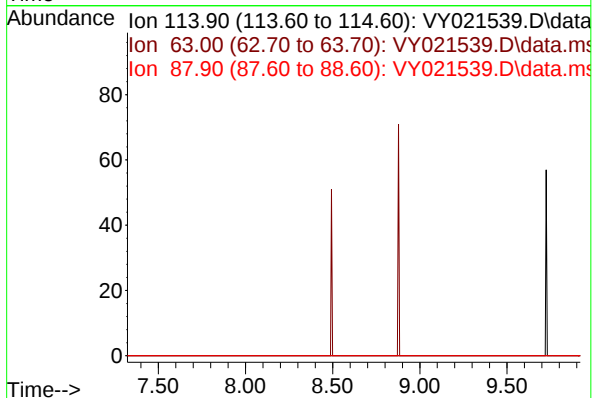




#34  
1,4-Difluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 8.62 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

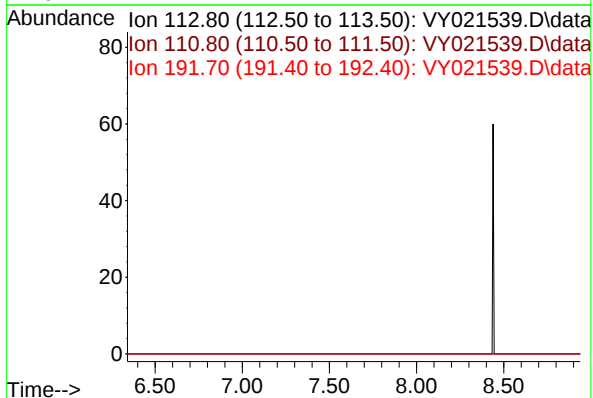
Instrument :  
MSVOA\_Y  
ClientSampleId :  
OR-620-JB-COMP-01

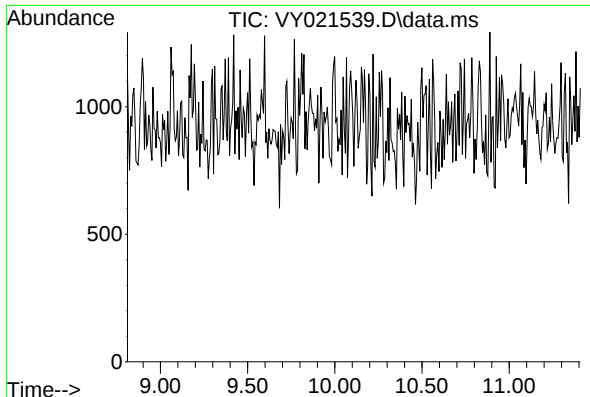
Tgt Ion: 114  
Sig Exp Ratio  
114 100  
63 20.4  
88 15.4



#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 7.64 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 102.5  
192 19.9

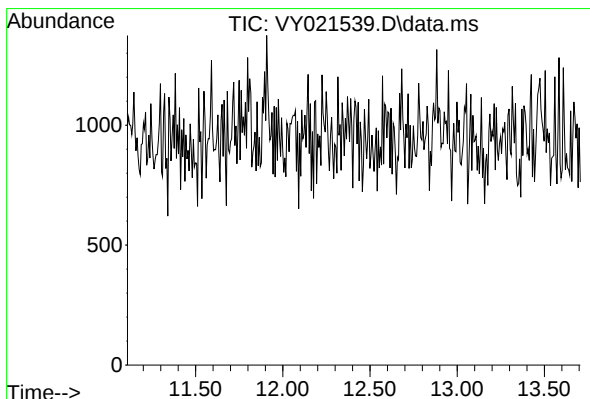
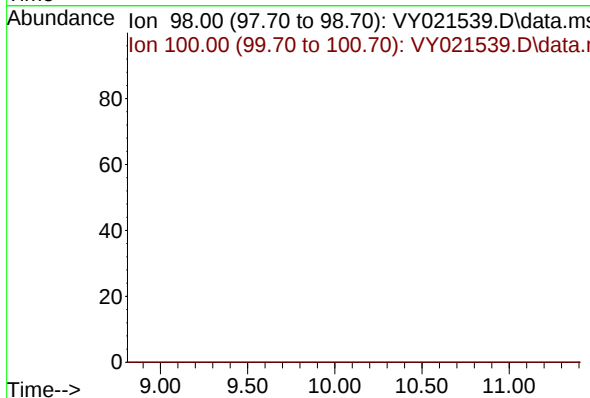




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.11 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

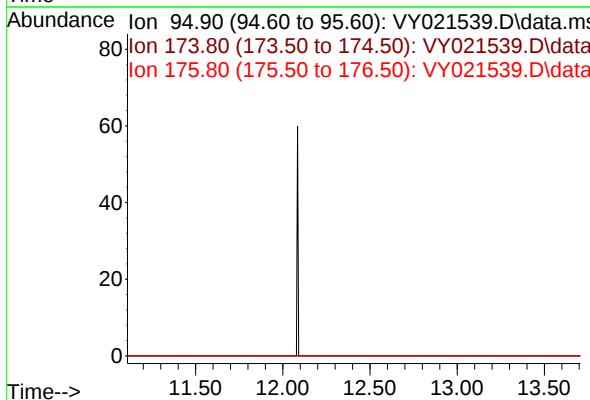
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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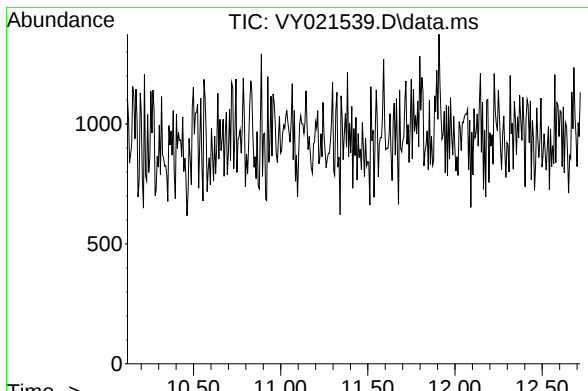
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 65.1



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.41 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 82.5  
176 80.0



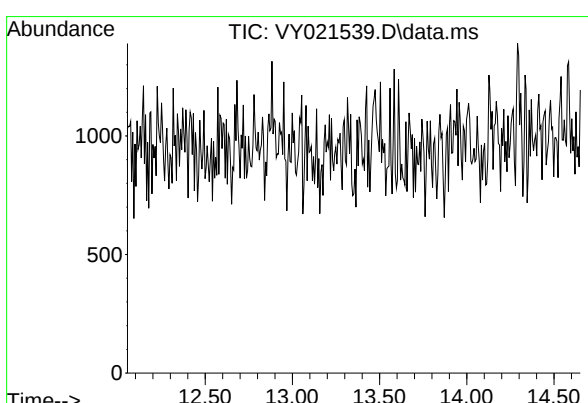
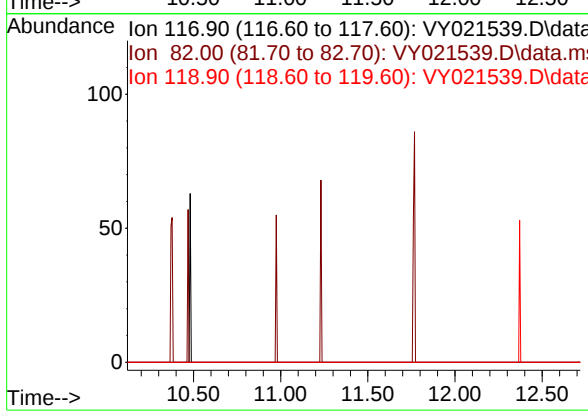


#63  
Chlorobenzene-d5  
Concen: 0.000 ug/l  
Expected RT: 11.42 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

Instrument :  
MSVOA\_Y  
ClientSampleId :  
OR-620-JB-COMP-01

Tgt Ion: 117

| Sig | Exp Ratio |
|-----|-----------|
| 117 | 100       |
| 82  | 55.8      |
| 119 | 31.7      |



#72  
1,4-Dichlorobenzene-d4  
Concen: 0.000 ug/l  
Expected RT: 13.35 min  
  
Lab File: VY021539.D  
Acq: 14 Mar 2025 15:01

Tgt Ion: 152

| Sig | Exp Ratio |
|-----|-----------|
| 152 | 100       |
| 115 | 58.0      |
| 150 | 173.6     |

