

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013122\  
 Data File : VU046947.D  
 Acq On : 01 Feb 2022 03:38  
 Operator : SY/MD  
 Sample : N1273-17DL 500X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0HL5DL

Quant Time: Feb 01 03:53:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 01 01:39:38 2022  
 Response via : Initial Calibration

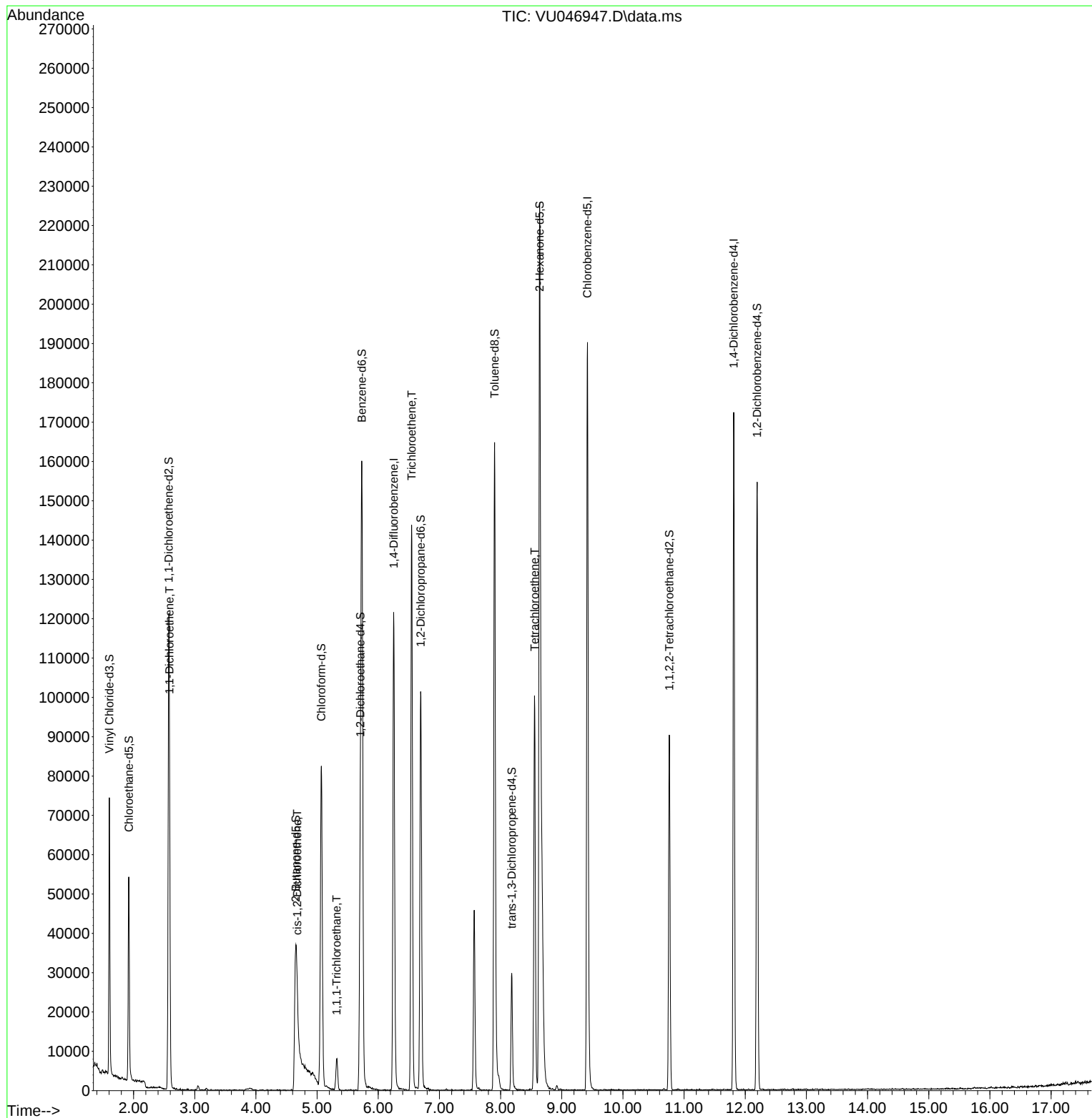
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 101302   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 115584   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 45363    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 51740    | 6.028    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 120.600% |
| 7) Chloroethane-d5            | 1.922  | 69    | 39769    | 5.880    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 117.600% |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 19940    | 5.840    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 116.800% |
| 20) 2-Butanone-d5             | 4.652  | 46    | 86290    | 33.933   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 67.860%  |
| 24) Chloroform-d              | 5.070  | 84    | 77876    | 5.168    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.400% |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 44090    | 5.373    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.400% |
| 32) Benzene-d6                | 5.732  | 84    | 154165   | 4.538    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 49685    | 4.871    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.400%  |
| 41) Toluene-d8                | 7.903  | 98    | 121308   | 3.901    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.000%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 18027    | 4.025    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.400%  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 112325   | 42.351   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 46368    | 4.528    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 40851    | 4.802    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 11912    | 2.106    | ug/L   | # 22     |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96    | 2221     | 0.344    | ug/L   | 94       |
| 29) 1,1,1-Trichloroethane     | 5.317  | 97    | 5871     | 0.564    | ug/L   | 97       |
| 34) Trichloroethene           | 6.546  | 95    | 50168    | 7.100    | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.555  | 164   | 23253    | 4.047    | ug/L   | 92       |
| -----                         |        |       |          |          |        |          |

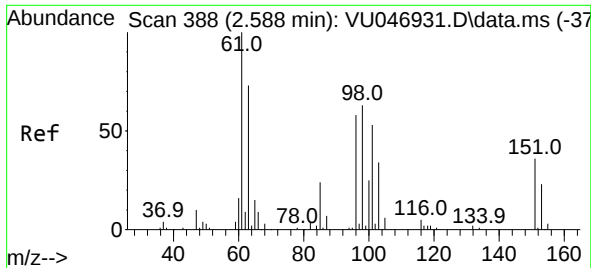
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.106 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046947.D

Acq: 01 Feb 2022 03:38

Instrument :

MSVOA\_U

ClientSampleId :

COHL5DL

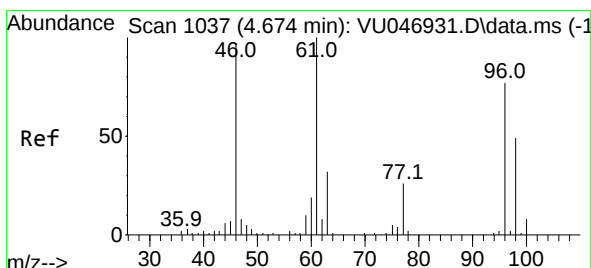
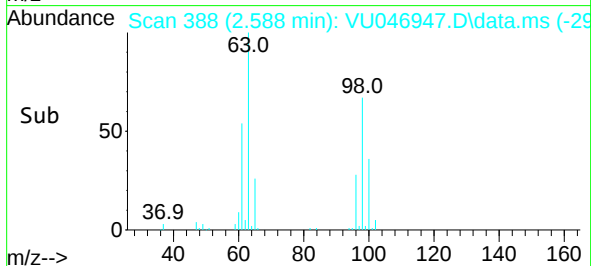
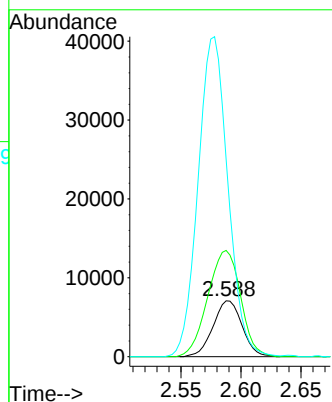
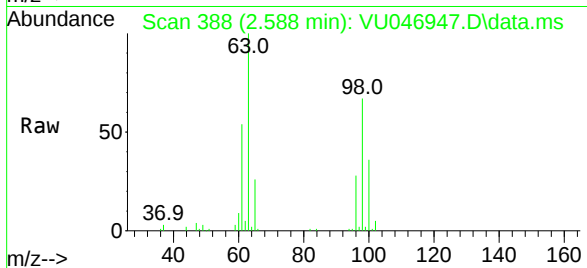
Tgt Ion: 96 Resp: 11912

Ion Ratio Lower Upper

96 100

61 190.1 124.7 231.5

63 353.4 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 0.344 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU046947.D

Acq: 01 Feb 2022 03:38

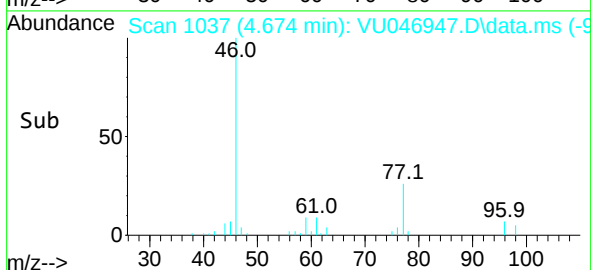
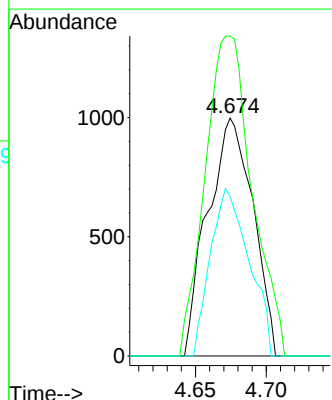
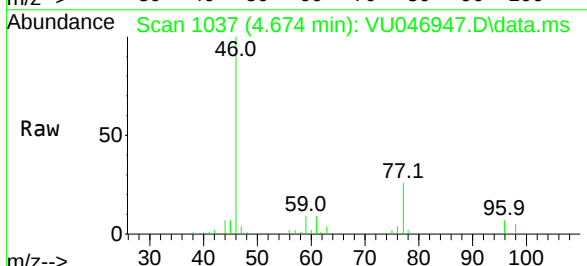
Tgt Ion: 96 Resp: 2221

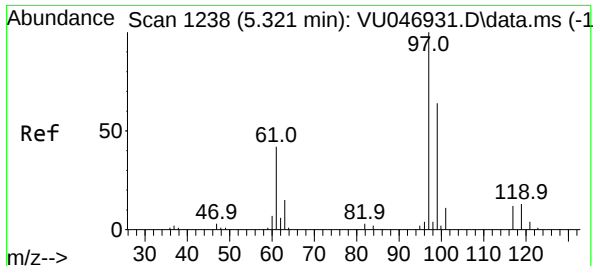
Ion Ratio Lower Upper

96 100

61 134.5 88.5 164.3

98 66.9 44.4 82.5

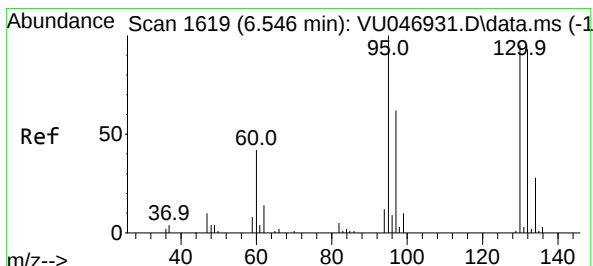
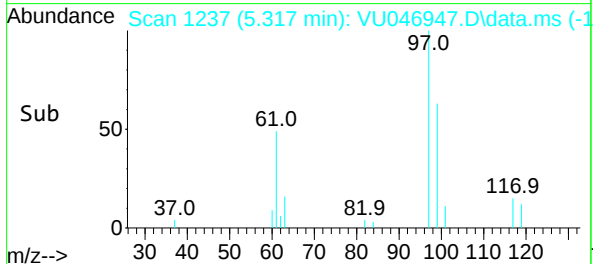
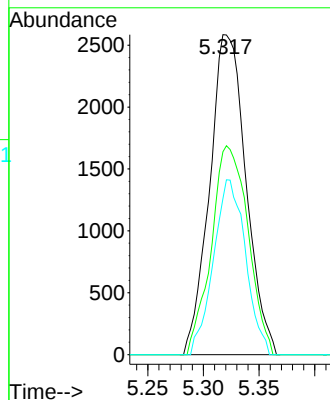
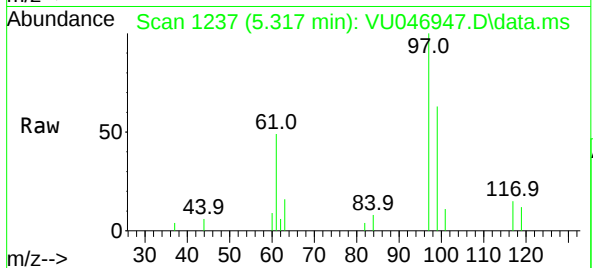




#29  
1,1,1-Trichloroethane  
Concen: 0.564 ug/L  
RT: 5.317 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU046947.D  
Acq: 01 Feb 2022 03:38

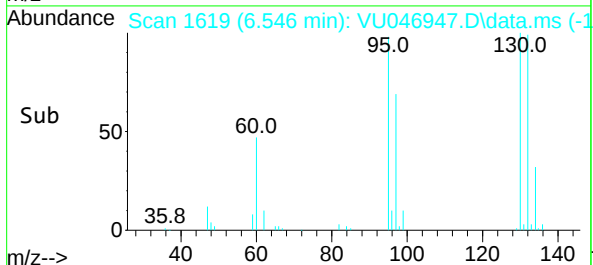
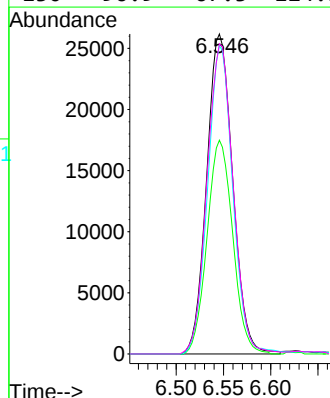
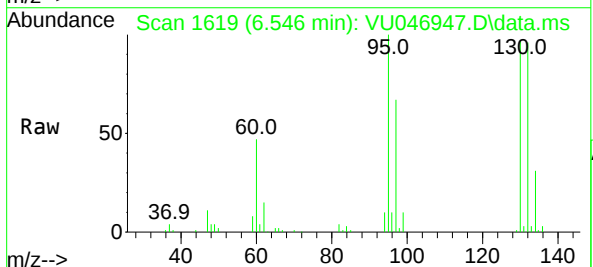
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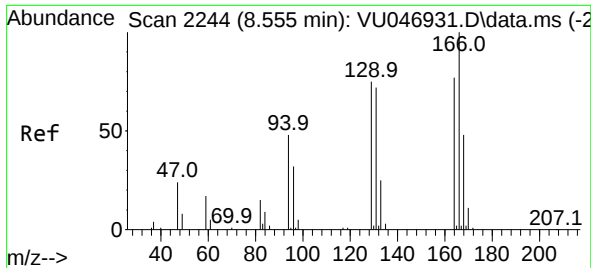
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 5871  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.9  | 51.3  | 76.9  |
| 61       | 48.2  | 36.1  | 54.1  |



#34  
Trichloroethene  
Concen: 7.100 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU046947.D  
Acq: 01 Feb 2022 03:38

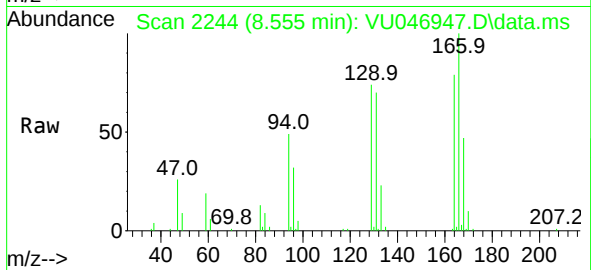
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 50168 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 66.8  | 46.5  | 86.5  |
| 132      | 96.4  | 65.1  | 120.9 |
| 130      | 96.9  | 67.3  | 124.9 |





#47  
 Tetrachloroethene  
 Concen: 4.047 ug/L  
 RT: 8.555 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU046947.D  
 Acq: 01 Feb 2022 03:38

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 MSVOA\_U  
 ClientSampleId :  
 C0HL5DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 23253 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 94.2  | 71.8  | 133.4 |
| 131      | 88.9  | 68.5  | 127.3 |
| 166      | 126.9 | 94.1  | 174.8 |

