

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111422\  
 Data File : VU051847.D  
 Acq On : 14 Nov 2022 20:29  
 Operator : JC/MD  
 Sample : N5592-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB2

Quant Time: Nov 15 03:06:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 15 03:00:15 2022  
 Response via : Initial Calibration

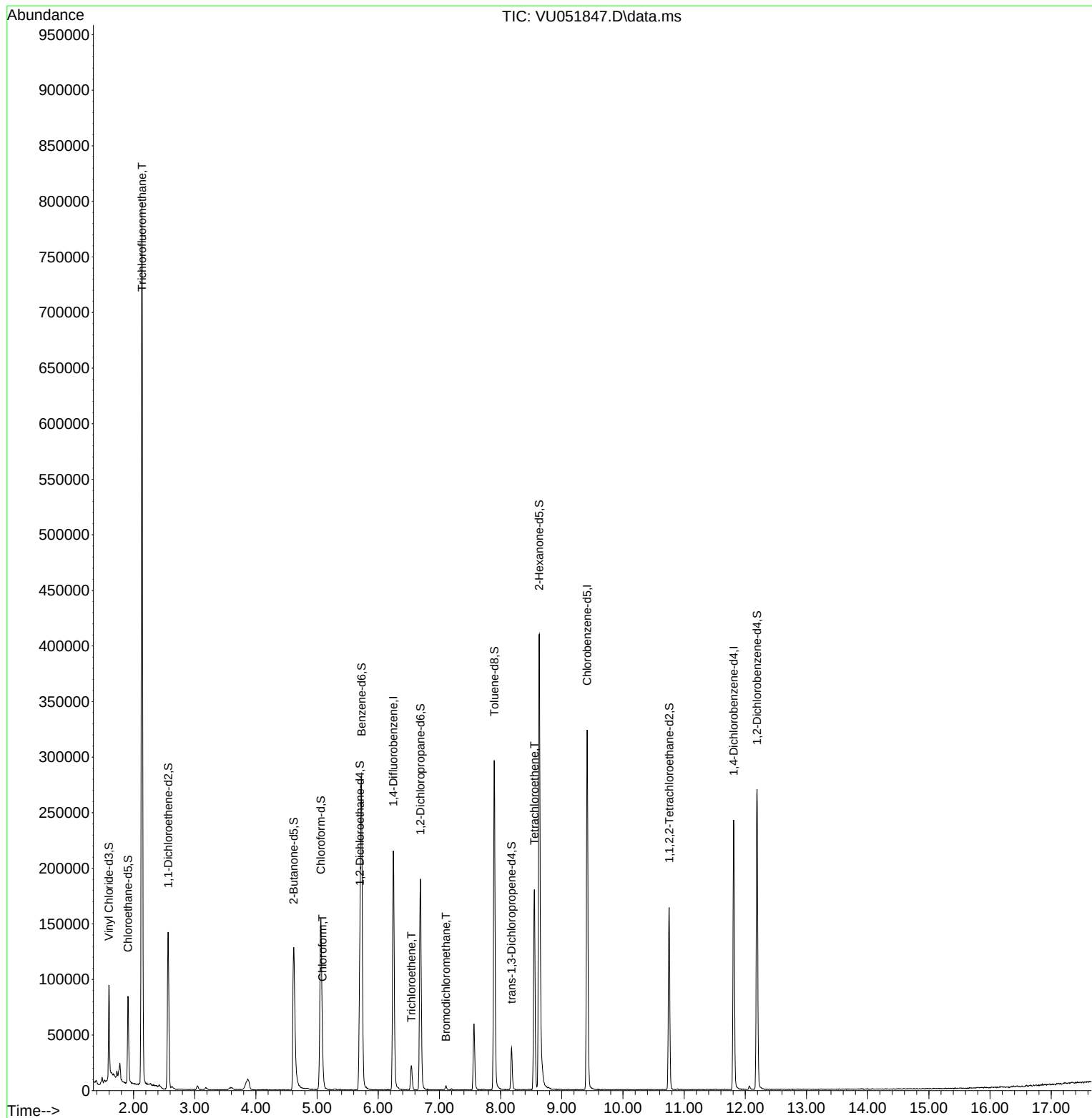
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 180038   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 184450   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 67961    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 60253    | 4.444  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 88.800%   |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 62772    | 4.439  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 88.800%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 27028    | 5.492  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 109.800%  |          |
| 20) 2-Butanone-d5             | 4.617  | 46             | 187892   | 38.262 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 76.520%   |          |
| 24) Chloroform-d              | 5.060  | 84             | 146040   | 4.603  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.000%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 75312    | 4.394  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.800%   |          |
| 32) Benzene-d6                | 5.726  | 84             | 275544   | 4.734  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.600%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 95769    | 4.705  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.200%   |          |
| 41) Toluene-d8                | 7.896  | 98             | 207523   | 4.534  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.600%   |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 21659    | 3.480  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 69.600%   |          |
| 46) 2-Hexanone-d5             | 8.629  | 63             | 132861   | 35.464 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 70.920%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84             | 87379    | 4.685  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 93.600%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 75199    | 6.029  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 120.600%# |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 9) Trichlorofluoromethane     | 2.138  | 101            | 522061   | 20.003 | ug/L      | 100      |
| 25) Chloroform                | 5.086  | 83             | 14643    | 0.456  | ug/L      | 91       |
| 34) Trichloroethene           | 6.543  | 95             | 7752     | 0.441  | ug/L      | 94       |
| 38) Bromodichloromethane      | 7.105  | 83             | 2598     | 0.114  | ug/L      | 94       |
| 47) Tetrachloroethene         | 8.552  | 164            | 40976    | 3.046  | ug/L      | 93       |
| -----                         |        |                |          |        |           |          |

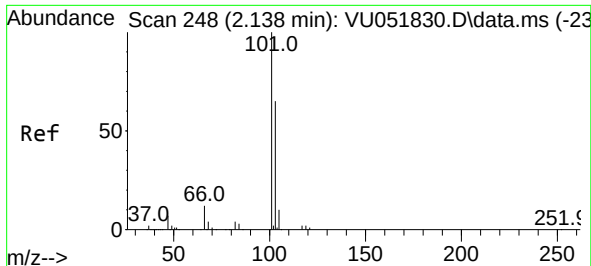
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Nov 15 03:00:15 2022  
Response via : Initial Calibration

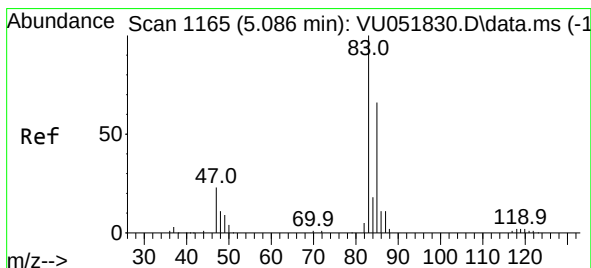
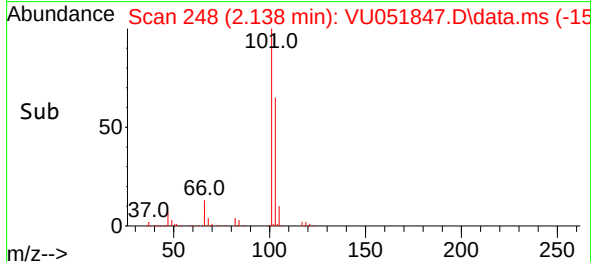
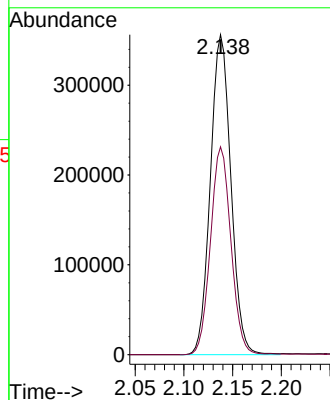
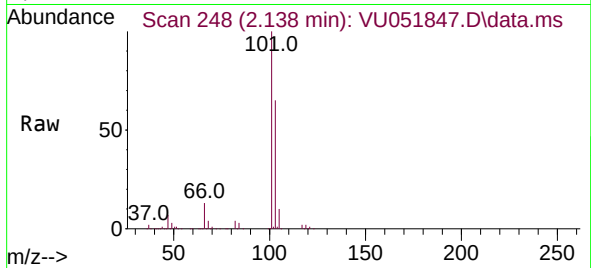




#9  
 Trichlorofluoromethane  
 Concen: 20.003 ug/L  
 RT: 2.138 min Scan# 248  
 Delta R.T. 0.000 min  
 Lab File: VU051847.D  
 Acq: 14 Nov 2022 20:29

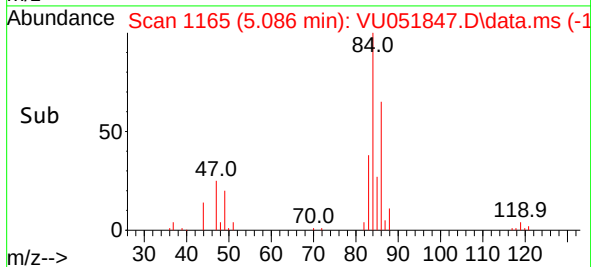
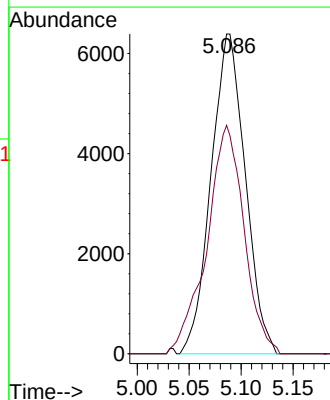
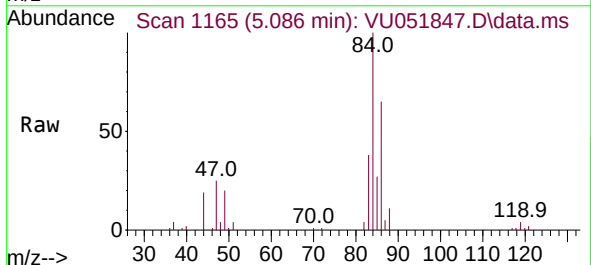
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB2

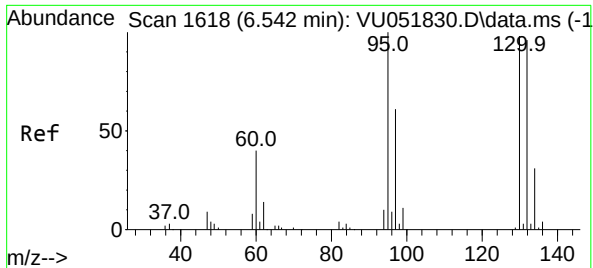
Tgt Ion:101 Resp: 522061  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.8 77.6



#25  
 Chloroform  
 Concen: 0.456 ug/L  
 RT: 5.086 min Scan# 1165  
 Delta R.T. 0.000 min  
 Lab File: VU051847.D  
 Acq: 14 Nov 2022 20:29

Tgt Ion: 83 Resp: 14643  
 Ion Ratio Lower Upper  
 83 100  
 85 71.4 45.2 84.0



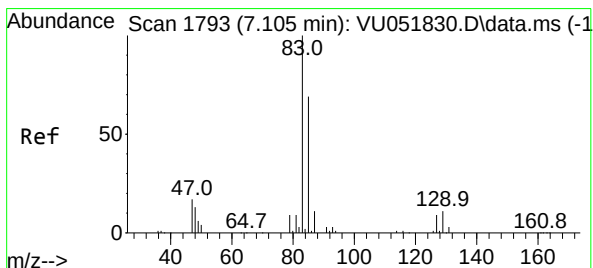
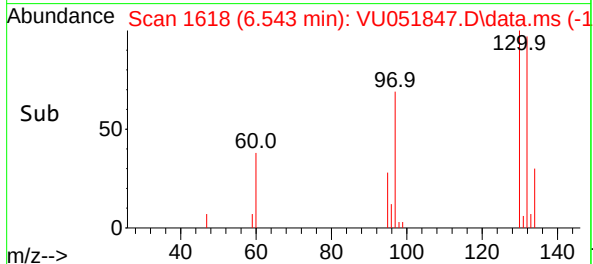
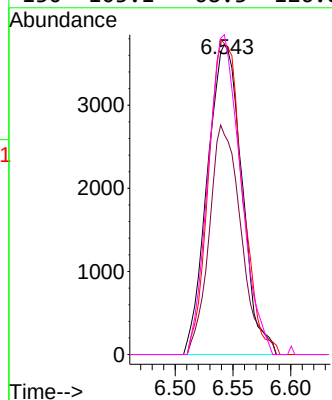
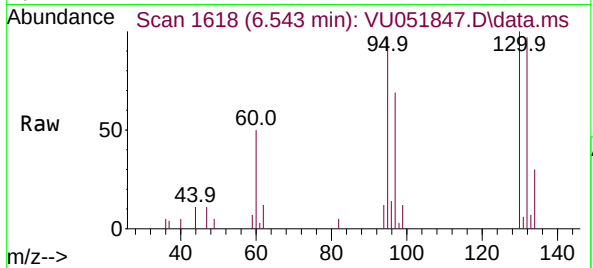


#34  
 Trichloroethene  
 Concen: 0.441 ug/L  
 RT: 6.543 min Scan# 1618  
 Delta R.T. 0.000 min  
 Lab File: VU051847.D  
 Acq: 14 Nov 2022 20:29

Instrument :  
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 ClientSampleId :  
 H0AB2

Tgt Ion: 95 Resp: 7752

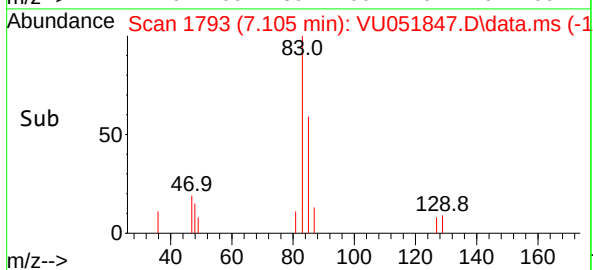
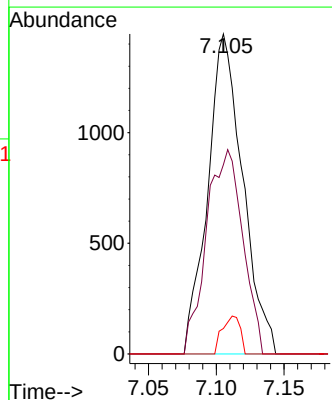
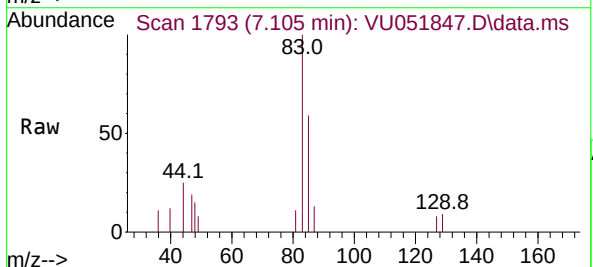
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 70.9  | 45.2  | 84.0  |
| 132 | 100.2 | 66.5  | 123.5 |
| 130 | 103.1 | 68.3  | 126.8 |

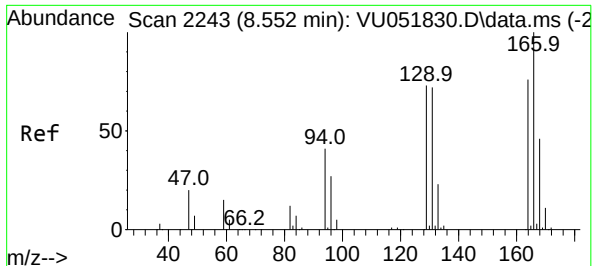


#38  
 Bromodichloromethane  
 Concen: 0.114 ug/L  
 RT: 7.105 min Scan# 1793  
 Delta R.T. 0.000 min  
 Lab File: VU051847.D  
 Acq: 14 Nov 2022 20:29

Tgt Ion: 83 Resp: 2598

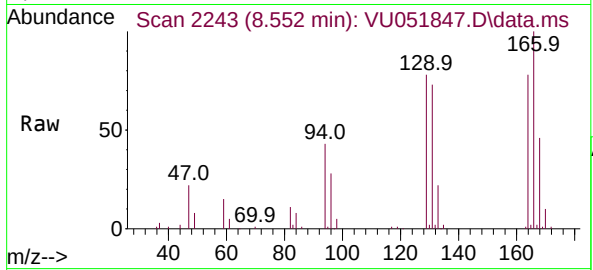
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 59.1  | 45.1  | 83.7  |
| 127 | 8.0   | 6.6   | 9.8   |





#47  
 Tetrachloroethene  
 Concen: 3.046 ug/L  
 RT: 8.552 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU051847.D  
 Acq: 14 Nov 2022 20:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB2



Tgt Ion:164 Resp: 40976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 100.0 | 64.0  | 118.8 |
| 131 | 94.1  | 60.7  | 112.7 |
| 166 | 128.7 | 86.8  | 161.2 |

