

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062624\  
 Data File : VW029356.D  
 Acq On : 26 Jun 2024 15:24  
 Operator : SY/MD  
 Sample : P3080-01  
 Misc : 7.18g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCL38

Quant Time: Jun 27 05:38:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 27 05:32:27 2024  
 Response via : Initial Calibration

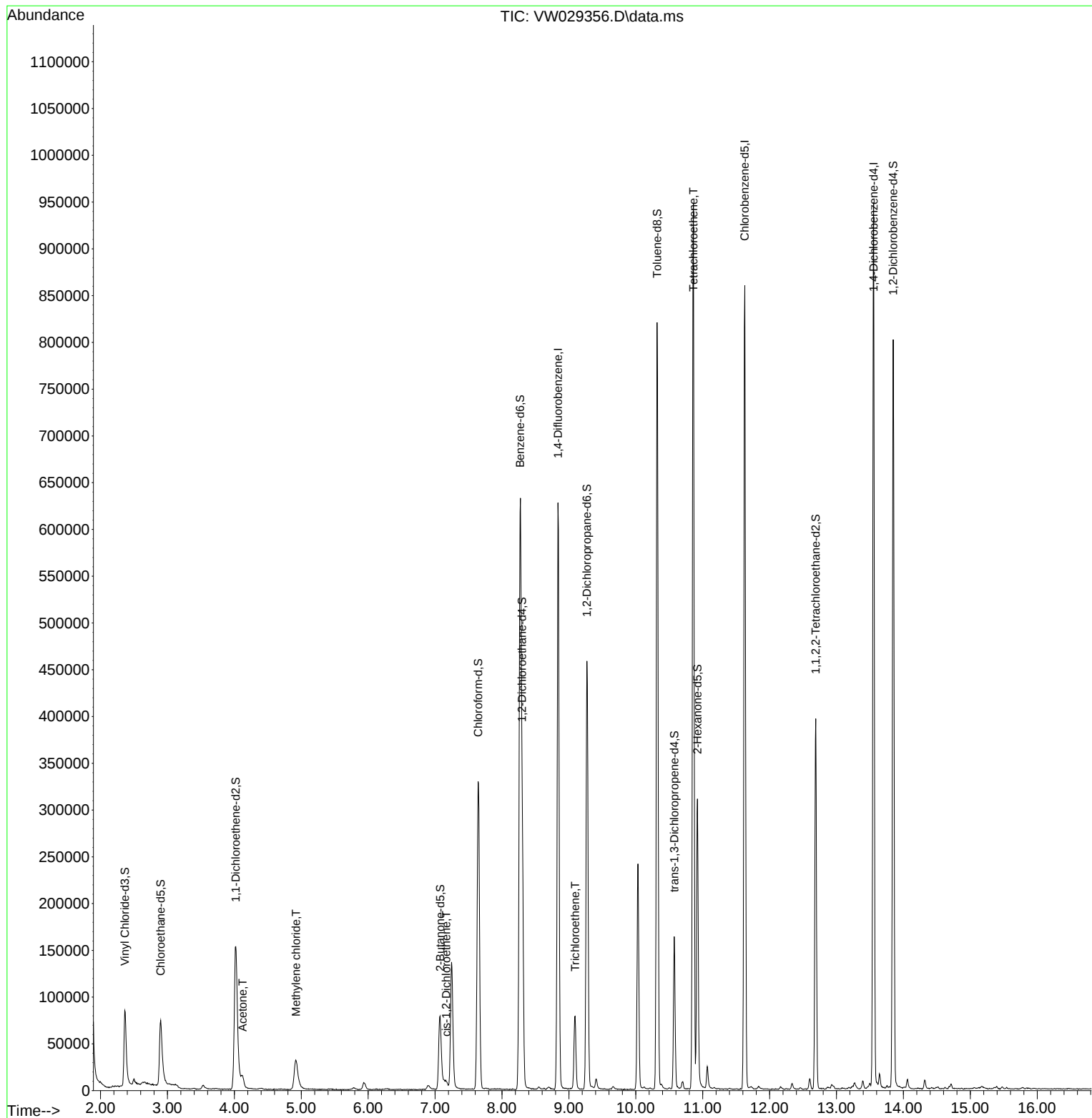
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 478949   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 447064   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 220011   | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 123382   | 18.612   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.440%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 113555   | 20.284   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.120%   |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 63122    | 19.721   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.880%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 138613   | 69.888   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 139.780%# |
| 24) Chloroform-d              | 7.642  | 84    | 335413   | 23.476   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.920%   |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 201914   | 24.615   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.440%   |
| 32) Benzene-d6                | 8.270  | 84    | 616060   | 22.687   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 90.760%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 211928   | 24.552   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.200%   |
| 41) Toluene-d8                | 10.319 | 98    | 515973   | 21.477   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.920%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 85726    | 24.645   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 98.560%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 104335   | 77.105   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 154.200%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 201296   | 29.300   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 117.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 192299   | 25.181   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 100.720%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.125  | 43    | 19031    | 11.291   | ug/L   | 96        |
| 16) Methylene chloride        | 4.923  | 84    | 29416    | 3.493    | ug/L   | 98        |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96    | 2872     | 0.423    | ug/L   | 96        |
| 34) Trichloroethene           | 9.093  | 95    | 28345    | 3.955    | ug/L   | 95        |
| 46) Tetrachloroethene         | 10.861 | 164   | 199507   | 39.824   | ug/L   | 90        |
| -----                         |        |       |          |          |        |           |

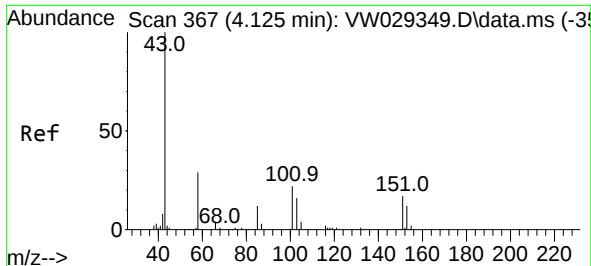
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Thu Jun 27 05:32:27 2024  
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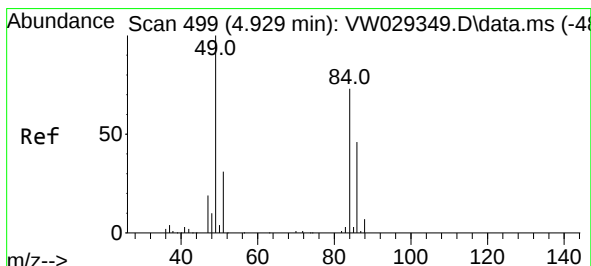
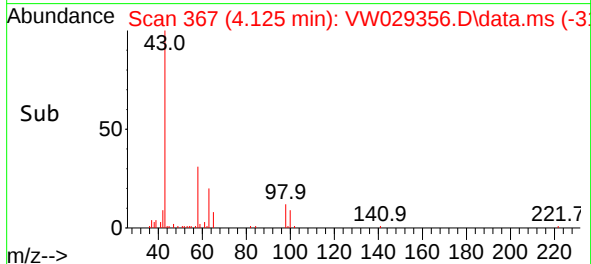
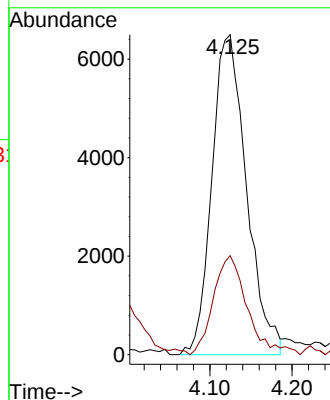
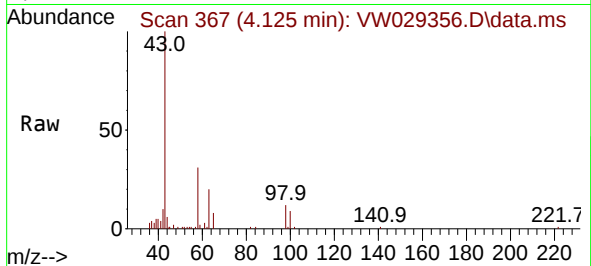




#13  
Acetone  
Concen: 11.291 ug/L  
RT: 4.125 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VW029356.D  
Acq: 26 Jun 2024 15:24

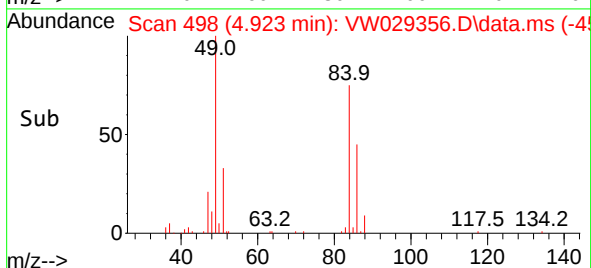
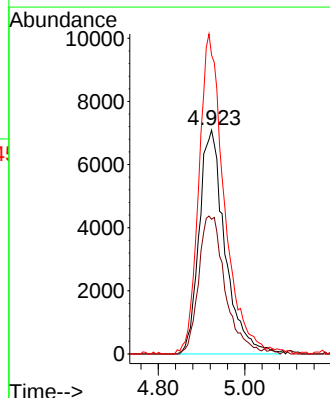
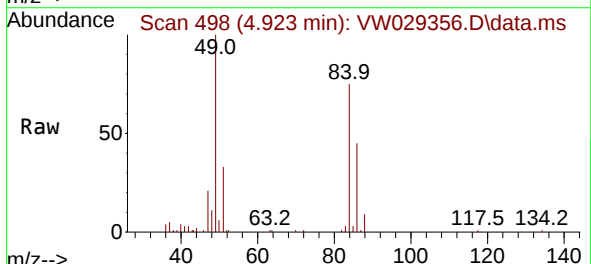
Instrument :  
MSVOA\_W  
ClientSampleId :  
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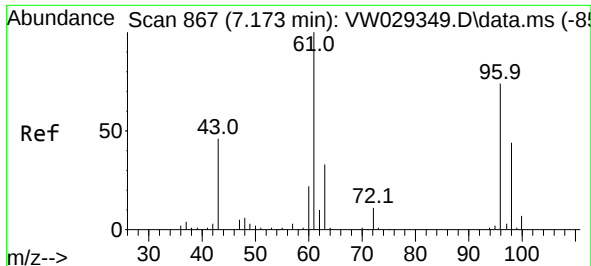
Tgt Ion: 43 Resp: 19031  
Ion Ratio Lower Upper  
43 100  
58 28.7 0.0 61.4



#16  
Methylene chloride  
Concen: 3.493 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. -0.006 min  
Lab File: VW029356.D  
Acq: 26 Jun 2024 15:24

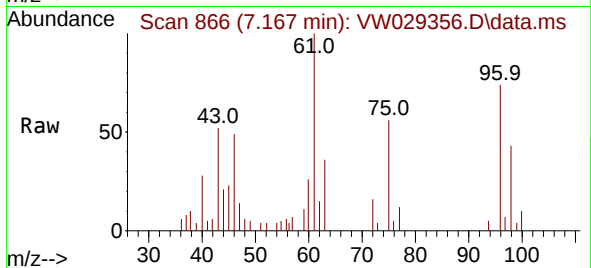
Tgt Ion: 84 Resp: 29416  
Ion Ratio Lower Upper  
84 100  
86 60.2 41.4 77.0  
49 133.5 95.7 177.7





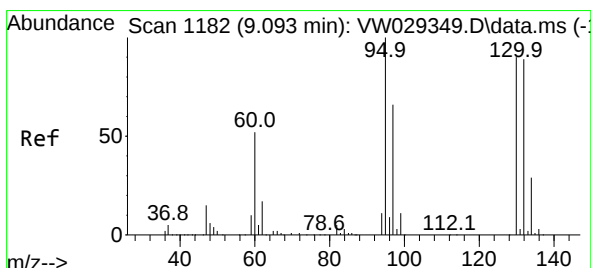
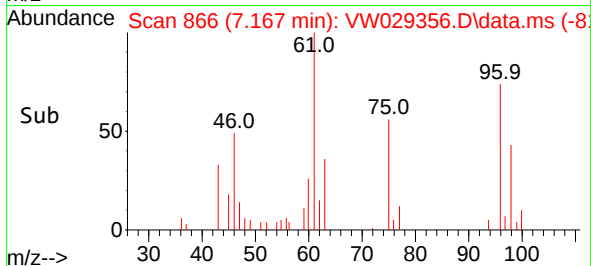
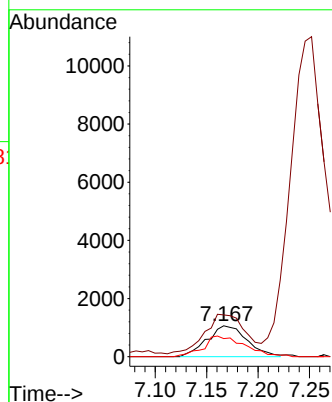
#20  
cis-1,2-Dichloroethene  
Concen: 0.423 ug/L  
RT: 7.167 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: VW029356.D  
Acq: 26 Jun 2024 15:24

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Tgt Ion: 96 Resp: 2872

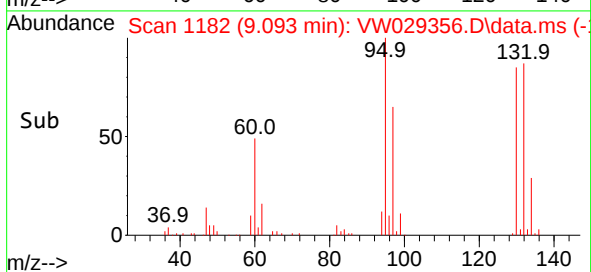
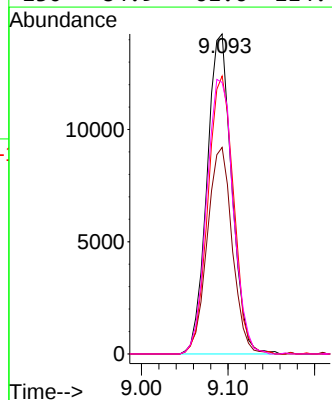
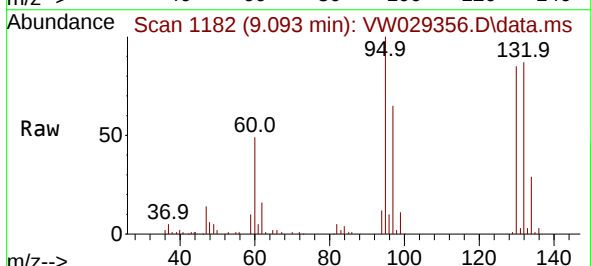
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.2 | 97.8  | 181.6 |
| 98  | 58.6  | 43.0  | 79.8  |

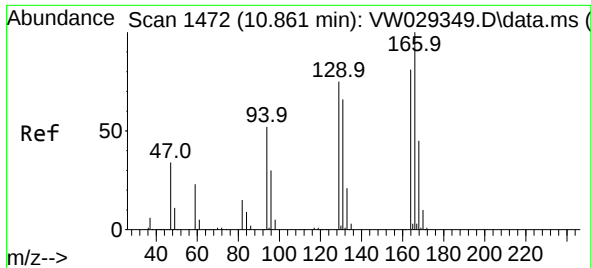


#34  
Trichloroethene  
Concen: 3.955 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: VW029356.D  
Acq: 26 Jun 2024 15:24

Tgt Ion: 95 Resp: 28345

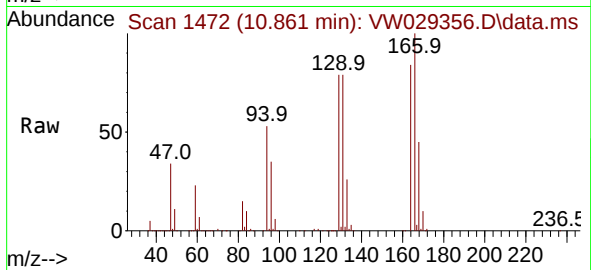
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.6  | 45.7  | 84.9  |
| 132 | 86.8  | 66.4  | 123.4 |
| 130 | 84.9  | 61.6  | 114.4 |





#46  
Tetrachloroethene  
Concen: 39.824 ug/L  
RT: 10.861 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VW029356.D  
Acq: 26 Jun 2024 15:24

Instrument :  
MSVOA\_W  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 199507 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 95.0  | 68.5  | 127.3  |
| 131      | 94.0  | 71.8  | 133.4  |
| 166      | 119.6 | 97.2  | 180.4  |

