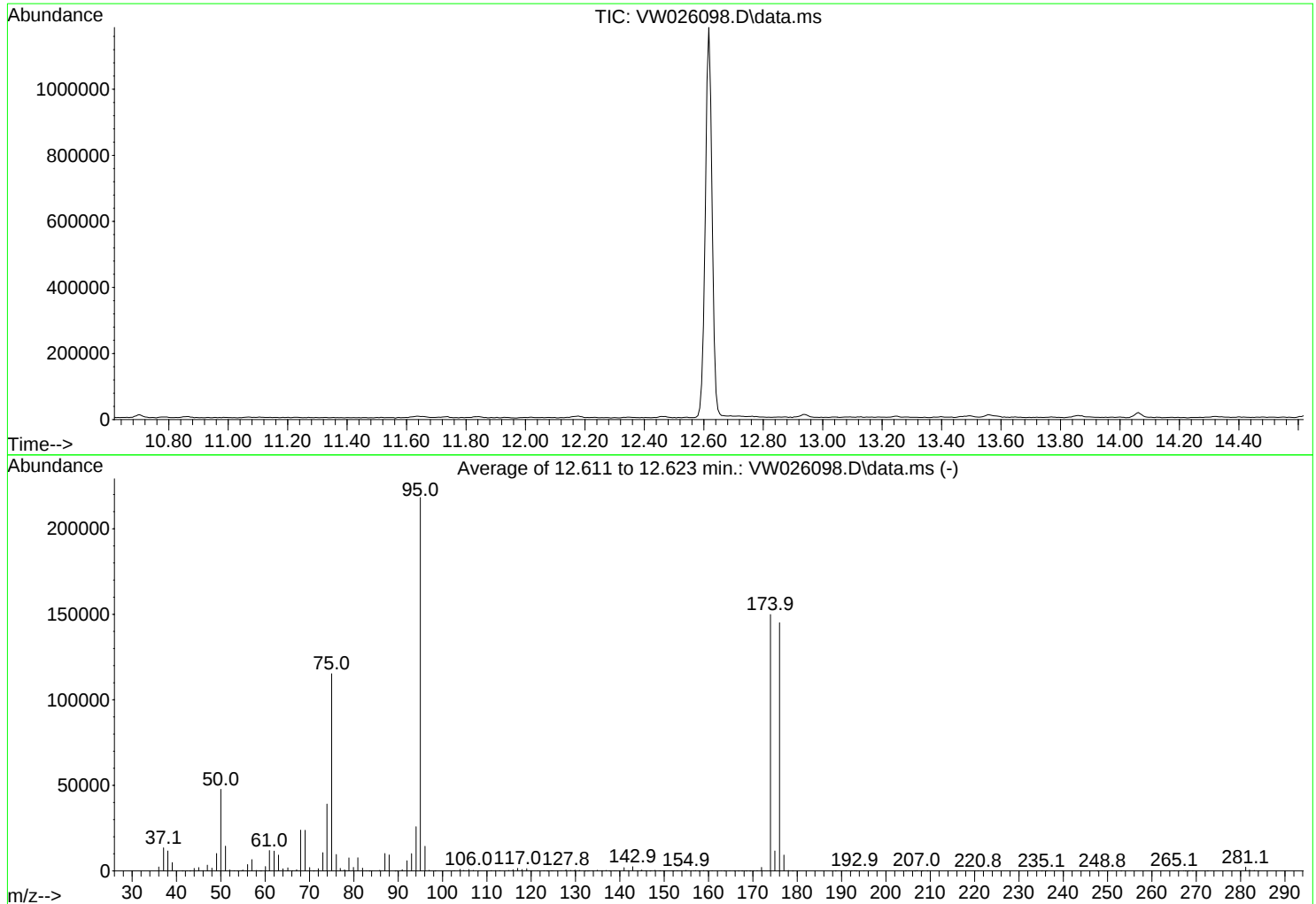


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW053123\  
Data File : VW026098.D  
Acq On : 31 May 2023 08:52  
Operator : SY/MD  
Sample : BFB526  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
Title : SFAM01.0  
Last Update : Thu Jun 01 01:27:52 2023



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1753

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 50             | 95              | 15              | 40              | 21.9         | 47707      | PASS                |
| 75             | 95              | 30              | 80              | 52.8         | 115235     | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 218302     | PASS                |
| 96             | 95              | 5               | 9               | 6.6          | 14394      | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 68.7         | 149895     | PASS                |
| 175            | 174             | 5               | 9               | 7.8          | 11687      | PASS                |
| 176            | 174             | 95              | 105             | 96.8         | 145117     | PASS                |
| 177            | 176             | 5               | 10              | 6.4          | 9296       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 35.10  | 136.0     |
| 35.60  | 123.0     |
| 36.20  | 61.0      |
| 36.80  | 130.0     |
| 37.40  | 139.0     |
| 38.80  | 160.0     |
| 40.00  | 870.0     |
| 41.00  | 287.0     |
| 42.10  | 150.0     |
| 43.00  | 194.0     |
| 44.00  | 583.0     |
| 45.00  | 80.0      |
| 45.70  | 104.0     |
| 46.10  | 90.0      |
| 46.90  | 75.0      |
| 49.70  | 50.0      |
| 50.30  | 144.0     |
| 51.40  | 95.0      |
| 52.20  | 117.0     |
| 53.10  | 109.0     |
| 54.10  | 52.0      |
| 54.60  | 111.0     |
| 55.30  | 129.0     |
| 57.40  | 51.0      |
| 58.50  | 60.0      |
| 60.90  | 60.0      |
| 62.20  | 51.0      |
| 63.10  | 84.0      |
| 64.00  | 53.0      |
| 65.40  | 87.0      |
| 69.30  | 97.0      |
| 70.90  | 86.0      |
| 73.10  | 59.0      |
| 73.90  | 63.0      |
| 74.50  | 95.0      |
| 75.00  | 72.0      |
| 78.30  | 60.0      |
| 79.90  | 70.0      |
| 82.90  | 84.0      |
| 84.60  | 68.0      |
| 87.80  | 67.0      |
| 91.00  | 56.0      |
| 94.40  | 71.0      |
| 95.00  | 109.0     |
| 102.20 | 55.0      |
| 102.80 | 74.0      |
| 103.30 | 88.0      |
| 106.00 | 58.0      |
| 109.10 | 63.0      |
| 110.40 | 95.0      |
| 115.20 | 70.0      |
| 115.90 | 76.0      |
| 116.70 | 80.0      |
| 119.10 | 64.0      |
| 128.90 | 82.0      |
| 133.10 | 61.0      |
| 139.60 | 52.0      |
| 142.80 | 90.0      |
| 149.70 | 74.0      |
| 153.80 | 81.0      |
| 160.70 | 91.0      |
| 174.10 | 57.0      |
| 174.90 | 52.0      |
| 209.10 | 71.0      |
| 226.90 | 51.0      |
| 232.60 | 54.0      |
| 281.40 | 96.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 2209.0    |
| 37.10  | 14038.0   |
| 38.10  | 12037.0   |
| 39.10  | 5006.0    |
| 40.10  | 992.0     |
| 40.90  | 324.0     |
| 41.90  | 165.0     |
| 43.00  | 257.0     |
| 44.00  | 2023.0    |
| 45.10  | 1936.0    |
| 46.00  | 485.0     |
| 47.00  | 3742.0    |
| 48.00  | 1765.0    |
| 49.10  | 10323.0   |
| 50.00  | 49136.0   |
| 51.10  | 15070.0   |
| 52.00  | 751.0     |
| 53.00  | 415.0     |
| 53.80  | 163.0     |
| 54.20  | 186.0     |
| 54.80  | 541.0     |
| 56.10  | 3926.0    |
| 57.00  | 6907.0    |
| 58.10  | 361.0     |
| 58.80  | 195.0     |
| 60.00  | 2718.0    |
| 61.00  | 11914.0   |
| 62.00  | 11963.0   |
| 63.00  | 9707.0    |
| 64.00  | 1453.0    |
| 65.10  | 1938.0    |
| 66.10  | 197.0     |
| 67.00  | 672.0     |
| 68.00  | 22856.0   |
| 69.00  | 24296.0   |
| 70.00  | 2049.0    |
| 70.90  | 144.0     |
| 72.00  | 1184.0    |
| 73.00  | 10157.0   |
| 74.00  | 38464.0   |
| 75.00  | 113024.0  |
| 76.00  | 9450.0    |
| 76.90  | 1309.0    |
| 77.90  | 1138.0    |
| 78.90  | 7564.0    |
| 80.00  | 2228.0    |
| 80.90  | 7621.0    |
| 81.90  | 1507.0    |
| 82.80  | 162.0     |
| 83.50  | 73.0      |
| 85.90  | 442.0     |
| 87.00  | 10100.0   |
| 88.00  | 9171.0    |
| 89.80  | 56.0      |
| 91.00  | 997.0     |
| 92.00  | 5961.0    |
| 93.00  | 9931.0    |
| 94.00  | 24112.0   |
| 95.00  | 214528.0  |
| 96.00  | 14537.0   |
| 97.00  | 397.0     |
| 98.30  | 63.0      |
| 102.80 | 196.0     |
| 103.90 | 925.0     |
| 104.90 | 356.0     |
| 105.90 | 809.0     |
| 107.00 | 270.0     |
| 108.10 | 88.0      |
| 110.00 | 164.0     |
| 111.00 | 300.0     |
| 112.00 | 188.0     |
| 112.90 | 204.0     |
| 115.00 | 317.0     |
| 115.90 | 651.0     |
| 117.00 | 1402.0    |
| 117.90 | 810.0     |
| 119.00 | 1517.0    |
| 119.80 | 117.0     |
| 120.20 | 116.0     |
| 122.80 | 81.0      |
| 123.60 | 137.0     |
| 124.00 | 136.0     |
| 124.50 | 171.0     |
| 126.00 | 310.0     |
| 126.80 | 129.0     |
| 127.90 | 740.0     |
| 128.90 | 410.0     |
| 129.70 | 401.0     |
| 130.10 | 424.0     |
| 130.90 | 501.0     |
| 132.00 | 75.0      |
| 133.10 | 350.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

|        |          |
|--------|----------|
| 133.80 | 162.0    |
| 135.00 | 372.0    |
| 136.10 | 124.0    |
| 137.00 | 380.0    |
| 138.70 | 72.0     |
| 139.10 | 63.0     |
| 140.00 | 209.0    |
| 140.90 | 1738.0   |
| 142.00 | 384.0    |
| 142.90 | 2553.0   |
| 144.00 | 257.0    |
| 145.00 | 720.0    |
| 145.80 | 385.0    |
| 146.80 | 130.0    |
| 148.00 | 545.0    |
| 148.80 | 185.0    |
| 149.90 | 230.0    |
| 151.80 | 108.0    |
| 152.90 | 186.0    |
| 154.00 | 188.0    |
| 154.80 | 410.0    |
| 157.10 | 274.0    |
| 158.10 | 105.0    |
| 158.80 | 189.0    |
| 159.60 | 59.0     |
| 161.00 | 201.0    |
| 163.00 | 90.0     |
| 164.80 | 96.0     |
| 165.80 | 55.0     |
| 168.10 | 92.0     |
| 171.00 | 369.0    |
| 171.90 | 2151.0   |
| 173.90 | 134720.0 |
| 175.00 | 10500.0  |
| 176.00 | 128024.0 |
| 177.00 | 8115.0   |
| 178.00 | 388.0    |
| 178.90 | 100.0    |
| 188.60 | 56.0     |
| 191.00 | 383.0    |
| 193.10 | 381.0    |
| 195.10 | 67.0     |
| 205.20 | 58.0     |
| 207.10 | 344.0    |
| 208.20 | 61.0     |
| 208.90 | 63.0     |
| 219.90 | 52.0     |
| 220.80 | 89.0     |
| 236.10 | 56.0     |
| 239.80 | 56.0     |
| 248.90 | 273.0    |
| 250.10 | 126.0    |
| 251.00 | 168.0    |
| 253.00 | 88.0     |
| 265.10 | 338.0    |
| 266.00 | 122.0    |
| 267.20 | 139.0    |
| 268.20 | 50.0     |
| 269.10 | 52.0     |
| 281.20 | 3454.0   |
| 282.10 | 775.0    |
| 283.10 | 525.0    |
| 283.90 | 132.0    |
| 284.20 | 161.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2930.0    |
| 37.10  | 15133.0   |
| 38.00  | 13189.0   |
| 39.00  | 5661.0    |
| 40.00  | 1052.0    |
| 41.00  | 194.0     |
| 42.00  | 103.0     |
| 42.40  | 113.0     |
| 43.00  | 205.0     |
| 44.00  | 2572.0    |
| 45.10  | 2409.0    |
| 46.00  | 408.0     |
| 47.00  | 3788.0    |
| 48.00  | 1774.0    |
| 49.00  | 11999.0   |
| 50.00  | 53064.0   |
| 51.00  | 16728.0   |
| 52.00  | 735.0     |
| 53.10  | 347.0     |
| 54.00  | 151.0     |
| 55.00  | 1050.0    |
| 56.00  | 4112.0    |
| 57.00  | 7309.0    |
| 58.10  | 330.0     |
| 58.70  | 163.0     |
| 60.10  | 2793.0    |
| 61.00  | 13453.0   |
| 62.00  | 12700.0   |
| 63.00  | 10070.0   |
| 64.00  | 1427.0    |
| 65.10  | 1937.0    |
| 65.90  | 171.0     |
| 67.10  | 945.0     |
| 68.00  | 27824.0   |
| 69.00  | 25984.0   |
| 70.10  | 2182.0    |
| 72.00  | 1764.0    |
| 73.00  | 12215.0   |
| 74.00  | 44128.0   |
| 75.00  | 129280.0  |
| 76.10  | 11095.0   |
| 77.00  | 1700.0    |
| 77.90  | 958.0     |
| 78.90  | 8603.0    |
| 80.00  | 2137.0    |
| 80.90  | 8784.0    |
| 82.00  | 1871.0    |
| 82.90  | 249.0     |
| 84.00  | 82.0      |
| 85.80  | 478.0     |
| 87.00  | 11210.0   |
| 88.00  | 10428.0   |
| 89.30  | 81.0      |
| 90.90  | 727.0     |
| 92.00  | 6701.0    |
| 93.00  | 11651.0   |
| 94.10  | 29096.0   |
| 95.00  | 244544.0  |
| 96.10  | 16328.0   |
| 97.00  | 562.0     |
| 102.40 | 60.0      |
| 102.90 | 268.0     |
| 103.90 | 995.0     |
| 104.80 | 335.0     |
| 105.90 | 1008.0    |
| 107.00 | 285.0     |
| 108.20 | 96.0      |
| 108.90 | 54.0      |
| 109.90 | 228.0     |
| 110.90 | 183.0     |
| 112.00 | 189.0     |
| 112.90 | 347.0     |
| 115.00 | 297.0     |
| 116.00 | 978.0     |
| 117.00 | 1652.0    |
| 117.80 | 902.0     |
| 119.00 | 1706.0    |
| 120.00 | 163.0     |
| 121.60 | 101.0     |
| 122.80 | 228.0     |
| 123.90 | 164.0     |
| 125.00 | 330.0     |
| 125.80 | 141.0     |
| 126.70 | 53.0      |
| 127.80 | 724.0     |
| 128.90 | 420.0     |
| 129.90 | 981.0     |
| 131.00 | 412.0     |
| 132.00 | 92.0      |
| 133.10 | 393.0     |
| 133.90 | 155.0     |
| 134.90 | 475.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

|        |          |
|--------|----------|
| 135.80 | 121.0    |
| 136.80 | 359.0    |
| 137.70 | 64.0     |
| 139.10 | 104.0    |
| 139.80 | 147.0    |
| 140.90 | 2313.0   |
| 142.00 | 270.0    |
| 143.00 | 2955.0   |
| 144.10 | 256.0    |
| 144.90 | 704.0    |
| 146.00 | 276.0    |
| 147.00 | 227.0    |
| 148.00 | 380.0    |
| 149.10 | 189.0    |
| 150.10 | 397.0    |
| 151.80 | 175.0    |
| 153.00 | 187.0    |
| 153.80 | 148.0    |
| 155.00 | 612.0    |
| 156.00 | 136.0    |
| 157.00 | 500.0    |
| 158.20 | 99.0     |
| 158.90 | 316.0    |
| 160.90 | 352.0    |
| 162.80 | 88.0     |
| 163.60 | 81.0     |
| 164.80 | 66.0     |
| 168.20 | 89.0     |
| 169.30 | 64.0     |
| 170.00 | 132.0    |
| 170.90 | 433.0    |
| 171.90 | 2446.0   |
| 174.00 | 167616.0 |
| 175.00 | 13334.0  |
| 176.00 | 161664.0 |
| 177.00 | 9622.0   |
| 178.00 | 411.0    |
| 188.60 | 54.0     |
| 191.00 | 201.0    |
| 192.20 | 128.0    |
| 192.90 | 320.0    |
| 195.00 | 123.0    |
| 204.40 | 65.0     |
| 205.10 | 143.0    |
| 206.90 | 337.0    |
| 209.30 | 52.0     |
| 219.90 | 50.0     |
| 235.10 | 61.0     |
| 248.70 | 129.0    |
| 249.30 | 154.0    |
| 250.20 | 111.0    |
| 251.10 | 99.0     |
| 265.00 | 146.0    |
| 266.10 | 62.0     |
| 267.10 | 83.0     |
| 272.50 | 84.0     |
| 281.10 | 2382.0   |
| 281.90 | 580.0    |
| 282.90 | 217.0    |
| 284.10 | 124.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 2078.0    |
| 37.10  | 11363.0   |
| 38.10  | 9915.0    |
| 39.00  | 4084.0    |
| 39.90  | 891.0     |
| 41.30  | 117.0     |
| 41.90  | 119.0     |
| 42.30  | 115.0     |
| 43.00  | 255.0     |
| 44.00  | 1696.0    |
| 45.00  | 1944.0    |
| 46.10  | 258.0     |
| 47.00  | 2806.0    |
| 48.00  | 1383.0    |
| 49.00  | 8321.0    |
| 50.00  | 40920.0   |
| 51.00  | 11639.0   |
| 52.00  | 642.0     |
| 53.00  | 168.0     |
| 54.20  | 130.0     |
| 54.90  | 611.0     |
| 56.00  | 3164.0    |
| 57.00  | 5731.0    |
| 58.00  | 409.0     |
| 59.00  | 101.0     |
| 60.10  | 2150.0    |
| 61.00  | 10506.0   |
| 62.00  | 10328.0   |
| 63.00  | 8256.0    |
| 64.00  | 922.0     |
| 65.10  | 1509.0    |
| 66.20  | 216.0     |
| 67.20  | 638.0     |
| 68.00  | 20936.0   |
| 69.00  | 21104.0   |
| 70.00  | 1762.0    |
| 71.00  | 185.0     |
| 72.00  | 1154.0    |
| 73.00  | 9876.0    |
| 74.00  | 34888.0   |
| 75.00  | 103616.0  |
| 76.00  | 8195.0    |
| 77.00  | 1519.0    |
| 78.10  | 917.0     |
| 78.90  | 6724.0    |
| 79.90  | 1980.0    |
| 80.90  | 6623.0    |
| 82.00  | 1536.0    |
| 82.90  | 212.0     |
| 84.10  | 169.0     |
| 85.80  | 344.0     |
| 87.00  | 9191.0    |
| 88.00  | 8610.0    |
| 90.80  | 695.0     |
| 92.00  | 5277.0    |
| 93.00  | 8870.0    |
| 94.00  | 24448.0   |
| 95.00  | 196160.0  |
| 96.00  | 12316.0   |
| 97.00  | 370.0     |
| 102.50 | 103.0     |
| 104.00 | 942.0     |
| 104.70 | 314.0     |
| 106.00 | 909.0     |
| 106.90 | 366.0     |
| 108.90 | 75.0      |
| 110.20 | 198.0     |
| 111.10 | 217.0     |
| 111.90 | 288.0     |
| 112.90 | 266.0     |
| 114.90 | 282.0     |
| 116.00 | 837.0     |
| 116.90 | 1473.0    |
| 118.00 | 886.0     |
| 118.90 | 945.0     |
| 120.20 | 73.0      |
| 121.40 | 62.0      |
| 122.90 | 257.0     |
| 123.90 | 197.0     |
| 124.70 | 195.0     |
| 126.00 | 179.0     |
| 126.90 | 108.0     |
| 127.90 | 566.0     |
| 129.00 | 325.0     |
| 129.80 | 801.0     |
| 130.70 | 217.0     |
| 132.20 | 97.0      |
| 132.70 | 105.0     |
| 133.10 | 70.0      |
| 134.00 | 214.0     |
| 134.80 | 403.0     |
| 136.10 | 96.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

|        |          |
|--------|----------|
| 136.90 | 314.0    |
| 138.80 | 130.0    |
| 139.20 | 100.0    |
| 140.00 | 194.0    |
| 141.00 | 1781.0   |
| 141.80 | 214.0    |
| 143.00 | 2168.0   |
| 143.90 | 237.0    |
| 144.70 | 375.0    |
| 145.00 | 384.0    |
| 146.00 | 305.0    |
| 147.00 | 206.0    |
| 147.80 | 384.0    |
| 149.10 | 262.0    |
| 150.00 | 189.0    |
| 152.00 | 69.0     |
| 152.90 | 136.0    |
| 153.90 | 259.0    |
| 154.90 | 505.0    |
| 156.10 | 103.0    |
| 156.70 | 250.0    |
| 157.80 | 103.0    |
| 158.10 | 103.0    |
| 159.00 | 264.0    |
| 160.80 | 186.0    |
| 162.80 | 90.0     |
| 163.50 | 51.0     |
| 166.70 | 79.0     |
| 167.50 | 63.0     |
| 168.50 | 120.0    |
| 169.50 | 150.0    |
| 172.00 | 1634.0   |
| 173.90 | 147520.0 |
| 175.00 | 11383.0  |
| 176.00 | 145664.0 |
| 177.00 | 10151.0  |
| 178.00 | 244.0    |
| 192.80 | 126.0    |
| 193.30 | 98.0     |
| 205.10 | 92.0     |
| 206.50 | 75.0     |
| 207.10 | 198.0    |
| 208.10 | 78.0     |
| 220.80 | 57.0     |
| 235.10 | 52.0     |
| 247.70 | 71.0     |
| 248.70 | 61.0     |
| 250.20 | 70.0     |
| 251.10 | 55.0     |
| 265.00 | 151.0    |
| 267.50 | 58.0     |
| 281.00 | 769.0    |
| 282.10 | 356.0    |
| 283.10 | 255.0    |
| 283.90 | 76.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526