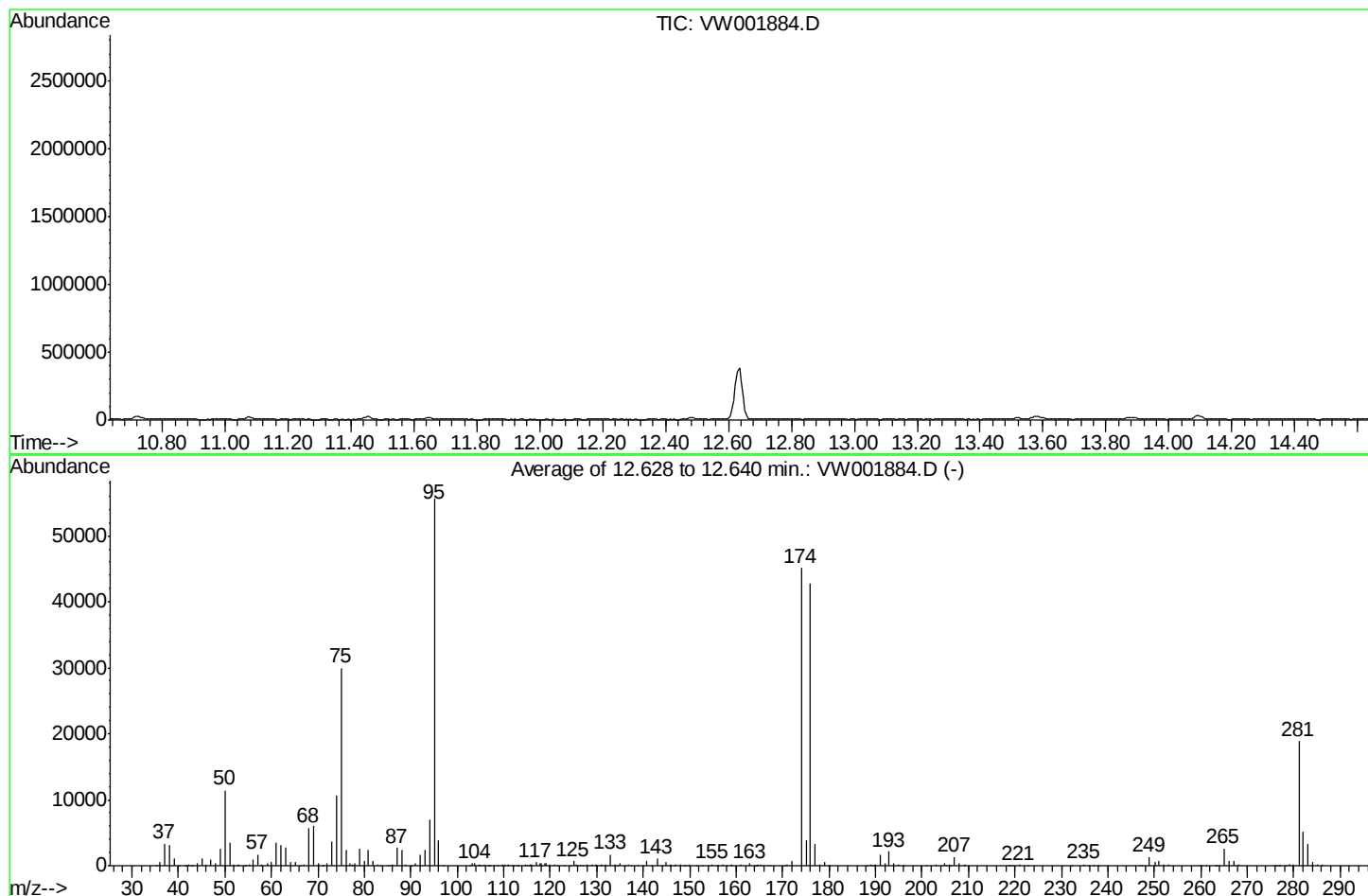


Data Path : W:\HPCHEM1\MSVOA\_W\DATA\VW040618\  
Data File : VW001884.D  
Acq On : 06 Apr 2018 09:51  
Operator : JC/SY  
Sample : BFB75  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

Integration File: LSCINT.P

Method : W:\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040518S.M  
Title : VOC Analysis  
Last Update : Fri Apr 06 22:50:03 2018



AutoFind: Scans 1811, 1812, 1813; Background Corrected with Scan 1803

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 20.6      | 11435   | PASS             |
| 75          | 95           | 30           | 80           | 53.9      | 29973   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 55586   | PASS             |
| 96          | 95           | 5            | 9            | 7.1       | 3944    | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 81.1      | 45066   | PASS             |
| 175         | 174          | 5            | 9            | 8.4       | 3779    | PASS             |
| 176         | 174          | 95           | 101          | 95.1      | 42848   | PASS             |
| 177         | 176          | 5            | 9            | 7.7       | 3302    | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 143.0     |
| 36.90  | 66.0      |
| 37.50  | 74.0      |
| 39.00  | 186.0     |
| 40.00  | 230.0     |
| 40.80  | 167.0     |
| 41.10  | 149.0     |
| 42.50  | 119.0     |
| 43.00  | 160.0     |
| 43.90  | 427.0     |
| 48.10  | 57.0      |
| 48.90  | 86.0      |
| 50.20  | 57.0      |
| 51.90  | 90.0      |
| 53.90  | 58.0      |
| 55.00  | 88.0      |
| 55.70  | 56.0      |
| 56.30  | 112.0     |
| 57.00  | 57.0      |
| 57.50  | 122.0     |
| 59.30  | 96.0      |
| 59.80  | 61.0      |
| 63.30  | 52.0      |
| 64.00  | 116.0     |
| 65.90  | 69.0      |
| 67.10  | 66.0      |
| 69.20  | 75.0      |
| 70.10  | 73.0      |
| 71.20  | 57.0      |
| 72.00  | 65.0      |
| 72.80  | 128.0     |
| 73.20  | 72.0      |
| 74.70  | 78.0      |
| 80.80  | 70.0      |
| 87.70  | 85.0      |
| 89.00  | 51.0      |
| 95.10  | 96.0      |
| 96.90  | 181.0     |
| 97.40  | 62.0      |
| 99.30  | 102.0     |
| 103.70 | 81.0      |
| 106.00 | 67.0      |
| 129.20 | 52.0      |
| 147.20 | 57.0      |
| 192.90 | 71.0      |
| 196.30 | 56.0      |
| 207.10 | 151.0     |
| 207.70 | 64.0      |
| 279.30 | 56.0      |
| 281.20 | 107.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

| m/z    | Abundance |
|--------|-----------|
| 35.30  | 78.0      |
| 36.10  | 731.0     |
| 37.00  | 3436.0    |
| 38.10  | 3232.0    |
| 39.00  | 1663.0    |
| 40.10  | 299.0     |
| 40.70  | 222.0     |
| 41.20  | 228.0     |
| 42.20  | 93.0      |
| 43.00  | 272.0     |
| 44.00  | 781.0     |
| 45.00  | 1364.0    |
| 45.90  | 211.0     |
| 47.10  | 1056.0    |
| 48.00  | 539.0     |
| 49.00  | 2635.0    |
| 50.10  | 12065.0   |
| 51.10  | 3711.0    |
| 52.00  | 222.0     |
| 53.10  | 229.0     |
| 54.00  | 99.0      |
| 55.00  | 243.0     |
| 56.00  | 946.0     |
| 57.10  | 1792.0    |
| 57.90  | 137.0     |
| 59.00  | 641.0     |
| 60.00  | 562.0     |
| 61.10  | 3467.0    |
| 62.00  | 3443.0    |
| 63.10  | 3169.0    |
| 64.10  | 814.0     |
| 65.10  | 616.0     |
| 65.90  | 119.0     |
| 67.20  | 171.0     |
| 68.00  | 6250.0    |
| 69.10  | 6132.0    |
| 70.10  | 523.0     |
| 71.20  | 91.0      |
| 72.10  | 515.0     |
| 73.00  | 5093.0    |
| 74.10  | 11168.0   |
| 75.00  | 30632.0   |
| 76.00  | 2363.0    |
| 77.00  | 506.0     |
| 78.00  | 238.0     |
| 78.90  | 2615.0    |
| 79.90  | 824.0     |
| 81.00  | 2597.0    |
| 81.90  | 725.0     |
| 82.90  | 179.0     |
| 86.00  | 295.0     |
| 87.00  | 3165.0    |
| 88.00  | 2399.0    |
| 89.00  | 185.0     |
| 91.00  | 281.0     |
| 92.00  | 1727.0    |
| 93.00  | 2281.0    |
| 94.00  | 6775.0    |
| 95.00  | 55360.0   |
| 96.00  | 4160.0    |
| 97.10  | 278.0     |
| 103.20 | 551.0     |
| 104.00 | 380.0     |
| 104.60 | 216.0     |
| 105.10 | 119.0     |
| 106.00 | 324.0     |
| 106.90 | 141.0     |
| 108.00 | 100.0     |
| 109.80 | 235.0     |
| 110.20 | 219.0     |
| 111.10 | 335.0     |
| 111.90 | 136.0     |
| 112.90 | 141.0     |
| 114.80 | 280.0     |
| 115.80 | 359.0     |
| 117.00 | 606.0     |
| 117.90 | 737.0     |
| 119.00 | 880.0     |
| 119.90 | 99.0      |
| 121.10 | 128.0     |
| 122.90 | 84.0      |
| 125.00 | 792.0     |
| 125.70 | 265.0     |
| 126.40 | 117.0     |
| 127.10 | 68.0      |
| 127.70 | 251.0     |
| 129.00 | 147.0     |
| 129.80 | 233.0     |
| 131.10 | 245.0     |
| 131.80 | 212.0     |
| 133.00 | 2422.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

|        |         |
|--------|---------|
| 135.00 | 478.0   |
| 136.10 | 108.0   |
| 137.00 | 78.0    |
| 138.90 | 116.0   |
| 140.10 | 81.0    |
| 140.90 | 696.0   |
| 141.90 | 104.0   |
| 143.00 | 805.0   |
| 144.00 | 90.0    |
| 145.10 | 512.0   |
| 146.00 | 198.0   |
| 147.10 | 327.0   |
| 147.80 | 141.0   |
| 148.80 | 255.0   |
| 149.90 | 116.0   |
| 151.50 | 61.0    |
| 152.80 | 82.0    |
| 153.90 | 55.0    |
| 155.00 | 236.0   |
| 155.90 | 136.0   |
| 157.10 | 257.0   |
| 158.80 | 120.0   |
| 159.10 | 117.0   |
| 161.20 | 183.0   |
| 163.10 | 410.0   |
| 163.90 | 177.0   |
| 164.80 | 391.0   |
| 165.80 | 61.0    |
| 166.80 | 69.0    |
| 170.40 | 62.0    |
| 171.10 | 201.0   |
| 172.00 | 688.0   |
| 174.00 | 40840.0 |
| 175.00 | 3497.0  |
| 176.00 | 38328.0 |
| 177.00 | 3371.0  |
| 178.00 | 308.0   |
| 179.00 | 736.0   |
| 179.90 | 133.0   |
| 188.10 | 91.0    |
| 188.90 | 261.0   |
| 190.10 | 242.0   |
| 191.00 | 2148.0  |
| 192.00 | 564.0   |
| 193.00 | 3478.0  |
| 194.00 | 596.0   |
| 195.10 | 228.0   |
| 203.00 | 381.0   |
| 204.00 | 203.0   |
| 205.00 | 452.0   |
| 206.00 | 276.0   |
| 207.10 | 2063.0  |
| 208.10 | 438.0   |
| 208.90 | 161.0   |
| 209.20 | 161.0   |
| 219.00 | 77.0    |
| 221.10 | 215.0   |
| 222.80 | 58.0    |
| 232.10 | 64.0    |
| 234.90 | 294.0   |
| 235.90 | 57.0    |
| 237.00 | 57.0    |
| 238.00 | 69.0    |
| 246.70 | 87.0    |
| 249.00 | 1697.0  |
| 250.10 | 547.0   |
| 251.10 | 1271.0  |
| 251.90 | 286.0   |
| 253.00 | 228.0   |
| 261.00 | 78.0    |
| 263.20 | 79.0    |
| 263.90 | 75.0    |
| 265.00 | 3101.0  |
| 266.10 | 799.0   |
| 267.10 | 910.0   |
| 268.00 | 200.0   |
| 276.00 | 72.0    |
| 276.40 | 57.0    |
| 277.00 | 189.0   |
| 279.00 | 564.0   |
| 281.10 | 24240.0 |
| 282.10 | 6217.0  |
| 283.10 | 4340.0  |
| 284.00 | 749.0   |
| 285.20 | 280.0   |
| 286.00 | 132.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 867.0     |
| 37.10  | 3952.0    |
| 38.00  | 3715.0    |
| 39.10  | 1353.0    |
| 40.10  | 332.0     |
| 40.70  | 96.0      |
| 41.50  | 85.0      |
| 42.10  | 84.0      |
| 43.10  | 265.0     |
| 44.00  | 910.0     |
| 45.10  | 1124.0    |
| 45.90  | 308.0     |
| 47.00  | 885.0     |
| 47.90  | 431.0     |
| 49.00  | 3034.0    |
| 50.00  | 13031.0   |
| 51.10  | 3739.0    |
| 52.10  | 280.0     |
| 52.70  | 130.0     |
| 54.20  | 156.0     |
| 55.20  | 311.0     |
| 56.00  | 1140.0    |
| 57.00  | 2080.0    |
| 58.00  | 226.0     |
| 59.10  | 283.0     |
| 60.00  | 801.0     |
| 61.00  | 4034.0    |
| 62.00  | 3469.0    |
| 63.10  | 2696.0    |
| 64.10  | 761.0     |
| 65.00  | 570.0     |
| 66.10  | 149.0     |
| 67.10  | 351.0     |
| 68.00  | 6470.0    |
| 69.00  | 6521.0    |
| 69.90  | 718.0     |
| 71.20  | 179.0     |
| 72.00  | 518.0     |
| 73.00  | 4071.0    |
| 74.00  | 11138.0   |
| 75.10  | 33104.0   |
| 76.00  | 2837.0    |
| 77.00  | 633.0     |
| 78.00  | 362.0     |
| 78.90  | 2752.0    |
| 79.90  | 907.0     |
| 80.90  | 2994.0    |
| 82.00  | 706.0     |
| 82.80  | 120.0     |
| 85.00  | 127.0     |
| 85.90  | 180.0     |
| 87.00  | 2549.0    |
| 87.90  | 2816.0    |
| 88.90  | 200.0     |
| 90.10  | 87.0      |
| 90.90  | 416.0     |
| 92.10  | 1803.0    |
| 93.00  | 3182.0    |
| 94.10  | 8119.0    |
| 95.00  | 61696.0   |
| 96.00  | 4736.0    |
| 97.00  | 170.0     |
| 99.40  | 72.0      |
| 103.00 | 343.0     |
| 103.80 | 438.0     |
| 104.80 | 149.0     |
| 105.80 | 322.0     |
| 106.60 | 100.0     |
| 107.20 | 106.0     |
| 108.80 | 94.0      |
| 109.60 | 133.0     |
| 110.10 | 139.0     |
| 110.80 | 147.0     |
| 112.20 | 158.0     |
| 112.70 | 54.0      |
| 113.20 | 88.0      |
| 115.00 | 238.0     |
| 116.00 | 308.0     |
| 116.90 | 488.0     |
| 118.10 | 627.0     |
| 118.70 | 690.0     |
| 120.00 | 203.0     |
| 121.00 | 121.0     |
| 121.50 | 76.0      |
| 122.90 | 65.0      |
| 124.30 | 104.0     |
| 125.10 | 824.0     |
| 126.00 | 281.0     |
| 127.10 | 54.0      |
| 128.00 | 318.0     |
| 128.80 | 126.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

|        |         |
|--------|---------|
| 130.00 | 233.0   |
| 130.80 | 116.0   |
| 131.90 | 169.0   |
| 133.00 | 1938.0  |
| 133.90 | 628.0   |
| 134.80 | 323.0   |
| 136.80 | 186.0   |
| 140.00 | 103.0   |
| 140.80 | 761.0   |
| 141.90 | 100.0   |
| 142.90 | 1350.0  |
| 144.90 | 715.0   |
| 146.00 | 137.0   |
| 146.90 | 408.0   |
| 147.90 | 157.0   |
| 149.00 | 99.0    |
| 149.90 | 169.0   |
| 152.80 | 167.0   |
| 154.80 | 255.0   |
| 156.00 | 66.0    |
| 157.00 | 127.0   |
| 157.90 | 90.0    |
| 158.90 | 172.0   |
| 161.10 | 239.0   |
| 162.90 | 480.0   |
| 164.10 | 121.0   |
| 165.10 | 311.0   |
| 165.80 | 62.0    |
| 167.30 | 102.0   |
| 171.10 | 341.0   |
| 172.00 | 685.0   |
| 174.00 | 50464.0 |
| 175.00 | 4394.0  |
| 176.00 | 48976.0 |
| 177.00 | 3589.0  |
| 178.10 | 275.0   |
| 178.90 | 444.0   |
| 180.20 | 138.0   |
| 189.20 | 142.0   |
| 190.10 | 108.0   |
| 191.10 | 1619.0  |
| 192.10 | 437.0   |
| 193.00 | 2144.0  |
| 194.10 | 502.0   |
| 195.00 | 244.0   |
| 195.90 | 63.0    |
| 200.80 | 62.0    |
| 203.00 | 213.0   |
| 203.80 | 67.0    |
| 204.90 | 440.0   |
| 206.00 | 118.0   |
| 207.00 | 1479.0  |
| 208.00 | 360.0   |
| 209.10 | 70.0    |
| 218.60 | 55.0    |
| 220.90 | 170.0   |
| 235.00 | 136.0   |
| 235.90 | 60.0    |
| 236.80 | 52.0    |
| 247.40 | 95.0    |
| 248.90 | 1479.0  |
| 250.00 | 474.0   |
| 251.00 | 696.0   |
| 252.00 | 183.0   |
| 253.00 | 167.0   |
| 259.80 | 92.0    |
| 260.10 | 88.0    |
| 263.40 | 69.0    |
| 264.00 | 131.0   |
| 265.00 | 3164.0  |
| 266.00 | 709.0   |
| 267.00 | 755.0   |
| 268.10 | 198.0   |
| 276.30 | 68.0    |
| 276.70 | 76.0    |
| 278.40 | 86.0    |
| 279.20 | 341.0   |
| 280.00 | 434.0   |
| 281.10 | 19680.0 |
| 282.10 | 5645.0  |
| 283.10 | 3274.0  |
| 284.10 | 761.0   |
| 285.00 | 162.0   |
| 286.10 | 171.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 658.0     |
| 37.10  | 2792.0    |
| 38.10  | 2184.0    |
| 39.10  | 931.0     |
| 40.10  | 299.0     |
| 41.00  | 173.0     |
| 41.70  | 147.0     |
| 42.20  | 121.0     |
| 42.80  | 127.0     |
| 44.00  | 612.0     |
| 45.00  | 655.0     |
| 45.90  | 158.0     |
| 47.00  | 917.0     |
| 47.90  | 377.0     |
| 49.10  | 2312.0    |
| 50.00  | 9381.0    |
| 51.00  | 3266.0    |
| 52.00  | 176.0     |
| 52.90  | 165.0     |
| 54.60  | 133.0     |
| 55.10  | 298.0     |
| 56.00  | 850.0     |
| 57.00  | 1450.0    |
| 58.00  | 148.0     |
| 59.00  | 213.0     |
| 59.90  | 610.0     |
| 61.00  | 2982.0    |
| 62.00  | 2323.0    |
| 63.00  | 2167.0    |
| 64.10  | 416.0     |
| 65.00  | 374.0     |
| 66.10  | 94.0      |
| 67.20  | 175.0     |
| 68.00  | 4581.0    |
| 69.00  | 5490.0    |
| 70.20  | 390.0     |
| 70.90  | 83.0      |
| 71.90  | 507.0     |
| 73.10  | 2724.0    |
| 74.00  | 9583.0    |
| 75.10  | 26184.0   |
| 76.00  | 1930.0    |
| 77.30  | 361.0     |
| 78.00  | 354.0     |
| 78.90  | 2282.0    |
| 80.00  | 495.0     |
| 81.00  | 1952.0    |
| 81.90  | 760.0     |
| 83.30  | 92.0      |
| 85.40  | 119.0     |
| 87.00  | 2449.0    |
| 88.10  | 1969.0    |
| 88.90  | 272.0     |
| 90.10  | 75.0      |
| 90.80  | 268.0     |
| 92.00  | 1327.0    |
| 93.10  | 1911.0    |
| 94.10  | 6012.0    |
| 95.00  | 49992.0   |
| 96.10  | 2936.0    |
| 97.20  | 120.0     |
| 102.80 | 195.0     |
| 103.90 | 385.0     |
| 104.80 | 148.0     |
| 106.00 | 201.0     |
| 106.70 | 64.0      |
| 107.20 | 89.0      |
| 109.80 | 100.0     |
| 110.30 | 79.0      |
| 111.20 | 165.0     |
| 112.10 | 105.0     |
| 112.80 | 89.0      |
| 113.20 | 67.0      |
| 114.80 | 187.0     |
| 115.40 | 169.0     |
| 116.10 | 188.0     |
| 116.90 | 416.0     |
| 117.70 | 188.0     |
| 118.20 | 272.0     |
| 118.80 | 624.0     |
| 120.10 | 107.0     |
| 120.90 | 99.0      |
| 123.00 | 107.0     |
| 125.00 | 471.0     |
| 125.60 | 162.0     |
| 127.00 | 55.0      |
| 127.90 | 295.0     |
| 128.90 | 92.0      |
| 129.80 | 155.0     |
| 130.80 | 90.0      |
| 131.20 | 90.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75

|        |         |
|--------|---------|
| 132.00 | 51.0    |
| 133.10 | 813.0   |
| 133.70 | 136.0   |
| 134.40 | 113.0   |
| 134.90 | 220.0   |
| 136.70 | 76.0    |
| 137.40 | 79.0    |
| 140.00 | 74.0    |
| 140.90 | 582.0   |
| 143.00 | 1136.0  |
| 144.00 | 82.0    |
| 144.90 | 381.0   |
| 145.70 | 102.0   |
| 146.60 | 159.0   |
| 147.10 | 143.0   |
| 148.00 | 89.0    |
| 148.90 | 74.0    |
| 149.90 | 99.0    |
| 154.90 | 211.0   |
| 156.20 | 71.0    |
| 157.00 | 148.0   |
| 158.80 | 152.0   |
| 161.00 | 353.0   |
| 163.00 | 153.0   |
| 164.40 | 124.0   |
| 165.10 | 134.0   |
| 170.90 | 302.0   |
| 172.10 | 761.0   |
| 174.00 | 43896.0 |
| 175.00 | 3448.0  |
| 176.00 | 41240.0 |
| 177.00 | 2947.0  |
| 178.10 | 137.0   |
| 179.00 | 367.0   |
| 180.20 | 60.0    |
| 189.00 | 143.0   |
| 189.70 | 89.0    |
| 191.10 | 1001.0  |
| 192.00 | 356.0   |
| 193.00 | 1167.0  |
| 193.90 | 276.0   |
| 194.90 | 241.0   |
| 200.90 | 82.0    |
| 203.10 | 137.0   |
| 205.20 | 187.0   |
| 206.20 | 88.0    |
| 207.10 | 979.0   |
| 208.00 | 211.0   |
| 209.10 | 63.0    |
| 219.30 | 76.0    |
| 234.80 | 177.0   |
| 236.80 | 63.0    |
| 249.10 | 870.0   |
| 250.00 | 419.0   |
| 251.00 | 417.0   |
| 259.70 | 86.0    |
| 264.90 | 1659.0  |
| 266.10 | 458.0   |
| 267.00 | 530.0   |
| 268.10 | 113.0   |
| 276.20 | 94.0    |
| 279.20 | 208.0   |
| 281.10 | 13082.0 |
| 282.10 | 3350.0  |
| 283.10 | 2212.0  |
| 283.90 | 380.0   |
| 285.30 | 159.0   |
| 286.00 | 88.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB75