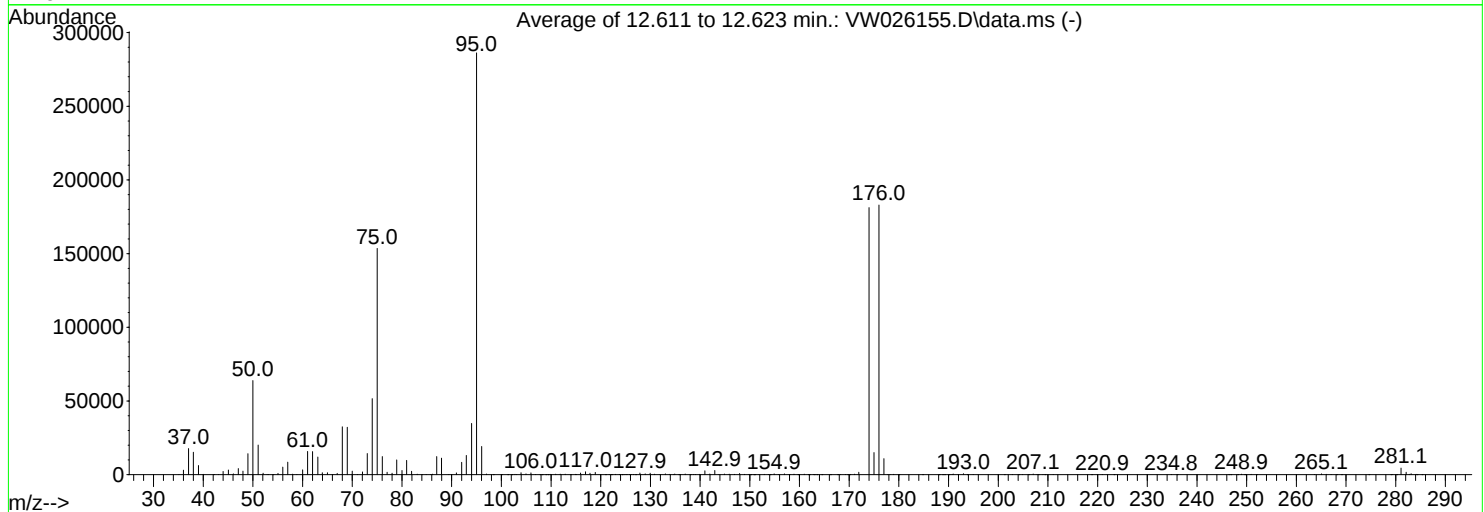
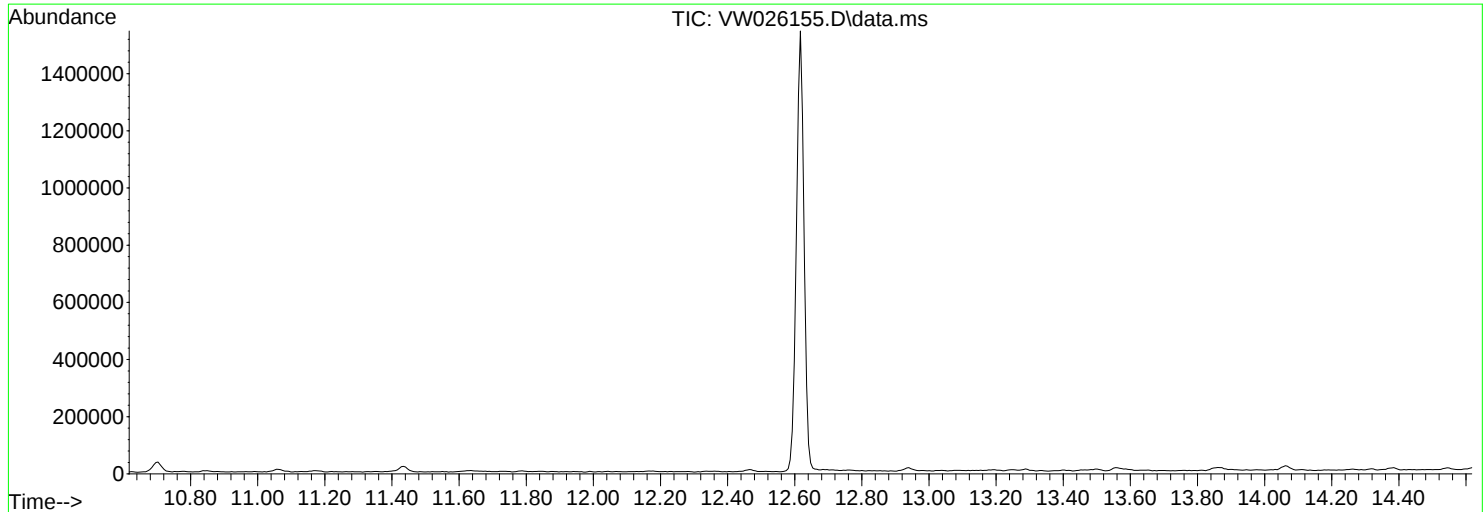


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060923\  
 Data File : VW026155.D  
 Acq On : 09 Jun 2023 08:03  
 Operator : SY/MD  
 Sample : BFB530  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB530

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Title : SFAM01.0  
 Last Update : Fri Jun 09 22:52:55 2023



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1752

| 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              | 22.3         | 63831      | PASS                |
| 75             | 95              | 30              | 80              | 53.6         | 153520     | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 286260     | PASS                |
| 96             | 95              | 5               | 9               | 6.7          | 19117      | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 63.3         | 181248     | PASS                |
| 175            | 174             | 5               | 9               | 8.3          | 15003      | PASS                |
| 176            | 174             | 95              | 105             | 101.0        | 182997     | PASS                |
| 177            | 176             | 5               | 10              | 5.9          | 10831      | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 244.0     |
| 37.10  | 93.0      |
| 38.10  | 211.0     |
| 39.20  | 121.0     |
| 39.90  | 563.0     |
| 41.00  | 359.0     |
| 41.80  | 211.0     |
| 42.70  | 171.0     |
| 43.10  | 209.0     |
| 44.00  | 439.0     |
| 45.40  | 102.0     |
| 46.60  | 54.0      |
| 47.20  | 80.0      |
| 49.10  | 68.0      |
| 50.10  | 158.0     |
| 52.30  | 60.0      |
| 52.90  | 67.0      |
| 53.80  | 163.0     |
| 54.40  | 82.0      |
| 55.20  | 223.0     |
| 56.40  | 150.0     |
| 57.10  | 231.0     |
| 57.70  | 66.0      |
| 59.00  | 50.0      |
| 61.10  | 71.0      |
| 61.50  | 64.0      |
| 63.10  | 60.0      |
| 63.50  | 86.0      |
| 63.80  | 85.0      |
| 65.20  | 85.0      |
| 65.80  | 52.0      |
| 66.50  | 88.0      |
| 67.00  | 108.0     |
| 68.60  | 57.0      |
| 69.30  | 125.0     |
| 70.10  | 135.0     |
| 71.00  | 126.0     |
| 71.50  | 74.0      |
| 72.80  | 70.0      |
| 73.20  | 86.0      |
| 73.70  | 99.0      |
| 75.10  | 80.0      |
| 76.20  | 153.0     |
| 77.20  | 73.0      |
| 78.00  | 178.0     |
| 79.40  | 73.0      |
| 80.70  | 62.0      |
| 82.10  | 68.0      |
| 82.70  | 62.0      |
| 83.40  | 76.0      |
| 84.60  | 94.0      |
| 85.30  | 92.0      |
| 87.10  | 64.0      |
| 91.40  | 65.0      |
| 92.80  | 51.0      |
| 94.30  | 103.0     |
| 95.10  | 161.0     |
| 97.00  | 88.0      |
| 101.70 | 63.0      |
| 104.00 | 66.0      |
| 105.70 | 85.0      |
| 106.80 | 145.0     |
| 107.30 | 79.0      |
| 111.00 | 53.0      |
| 113.30 | 59.0      |
| 117.80 | 55.0      |
| 118.90 | 66.0      |
| 122.70 | 51.0      |
| 123.80 | 51.0      |
| 127.00 | 71.0      |
| 128.60 | 93.0      |
| 129.30 | 78.0      |
| 137.00 | 55.0      |
| 139.70 | 55.0      |
| 143.20 | 80.0      |
| 143.80 | 71.0      |
| 152.80 | 60.0      |
| 153.70 | 66.0      |
| 158.00 | 66.0      |
| 165.00 | 111.0     |
| 175.00 | 53.0      |
| 191.20 | 63.0      |
| 193.20 | 93.0      |
| 214.40 | 55.0      |
| 215.70 | 57.0      |
| 233.10 | 77.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530

| m/z    | Abundance |
|--------|-----------|
| 35.10  | 208.0     |
| 36.00  | 3368.0    |
| 37.00  | 18408.0   |
| 38.00  | 16077.0   |
| 39.00  | 6877.0    |
| 40.10  | 785.0     |
| 41.00  | 229.0     |
| 42.10  | 223.0     |
| 43.10  | 414.0     |
| 44.00  | 2765.0    |
| 45.10  | 3448.0    |
| 46.00  | 469.0     |
| 47.10  | 4819.0    |
| 48.00  | 2505.0    |
| 49.00  | 14753.0   |
| 50.00  | 65928.0   |
| 51.10  | 21032.0   |
| 52.10  | 996.0     |
| 53.10  | 228.0     |
| 53.80  | 124.0     |
| 55.10  | 1326.0    |
| 56.00  | 5536.0    |
| 57.00  | 9319.0    |
| 58.00  | 293.0     |
| 58.90  | 273.0     |
| 60.00  | 3377.0    |
| 61.00  | 16736.0   |
| 62.00  | 16448.0   |
| 63.10  | 12055.0   |
| 64.00  | 1729.0    |
| 65.00  | 1500.0    |
| 66.90  | 948.0     |
| 68.00  | 31656.0   |
| 69.00  | 31456.0   |
| 70.00  | 2727.0    |
| 71.00  | 251.0     |
| 72.00  | 1550.0    |
| 73.00  | 14490.0   |
| 74.00  | 50784.0   |
| 75.00  | 152192.0  |
| 76.00  | 13405.0   |
| 77.00  | 1827.0    |
| 78.00  | 1114.0    |
| 79.00  | 9829.0    |
| 80.00  | 3053.0    |
| 81.00  | 10672.0   |
| 81.90  | 2154.0    |
| 83.00  | 329.0     |
| 84.90  | 170.0     |
| 86.20  | 700.0     |
| 87.00  | 12210.0   |
| 88.00  | 11582.0   |
| 89.50  | 80.0      |
| 91.00  | 1249.0    |
| 92.00  | 8575.0    |
| 93.00  | 13444.0   |
| 94.00  | 34864.0   |
| 95.00  | 284288.0  |
| 96.00  | 19376.0   |
| 97.00  | 632.0     |
| 98.40  | 51.0      |
| 100.10 | 87.0      |
| 101.30 | 58.0      |
| 102.10 | 57.0      |
| 102.70 | 257.0     |
| 103.10 | 288.0     |
| 104.00 | 1581.0    |
| 104.90 | 458.0     |
| 105.90 | 1212.0    |
| 106.90 | 283.0     |
| 107.40 | 157.0     |
| 107.80 | 122.0     |
| 109.00 | 84.0      |
| 109.90 | 232.0     |
| 111.00 | 316.0     |
| 111.90 | 292.0     |
| 112.80 | 343.0     |
| 113.90 | 71.0      |
| 114.90 | 419.0     |
| 115.90 | 1000.0    |
| 116.90 | 1771.0    |
| 117.90 | 923.0     |
| 119.00 | 1659.0    |
| 119.90 | 133.0     |
| 121.00 | 84.0      |
| 121.70 | 144.0     |
| 122.20 | 54.0      |
| 122.90 | 148.0     |
| 123.80 | 186.0     |
| 125.10 | 407.0     |
| 125.80 | 283.0     |
| 126.70 | 162.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530

|        |          |
|--------|----------|
| 127.90 | 1067.0   |
| 128.90 | 551.0    |
| 130.00 | 864.0    |
| 130.80 | 330.0    |
| 131.90 | 156.0    |
| 133.00 | 841.0    |
| 133.90 | 296.0    |
| 134.70 | 472.0    |
| 135.70 | 65.0     |
| 137.00 | 420.0    |
| 139.00 | 114.0    |
| 140.00 | 217.0    |
| 140.90 | 2613.0   |
| 142.00 | 360.0    |
| 143.00 | 2831.0   |
| 143.80 | 201.0    |
| 144.80 | 577.0    |
| 145.90 | 333.0    |
| 147.00 | 389.0    |
| 147.90 | 819.0    |
| 149.00 | 246.0    |
| 149.80 | 219.0    |
| 150.20 | 165.0    |
| 151.90 | 91.0     |
| 152.90 | 251.0    |
| 153.80 | 283.0    |
| 154.90 | 528.0    |
| 156.00 | 91.0     |
| 156.90 | 422.0    |
| 157.80 | 136.0    |
| 159.00 | 322.0    |
| 160.00 | 140.0    |
| 161.00 | 404.0    |
| 161.80 | 85.0     |
| 162.80 | 128.0    |
| 163.50 | 69.0     |
| 164.90 | 135.0    |
| 168.20 | 95.0     |
| 169.20 | 127.0    |
| 170.10 | 102.0    |
| 171.10 | 343.0    |
| 172.00 | 1595.0   |
| 174.00 | 152384.0 |
| 175.00 | 13223.0  |
| 176.00 | 150784.0 |
| 177.00 | 10450.0  |
| 178.90 | 390.0    |
| 180.00 | 92.0     |
| 188.10 | 53.0     |
| 188.80 | 73.0     |
| 189.20 | 77.0     |
| 190.10 | 106.0    |
| 190.90 | 697.0    |
| 192.00 | 221.0    |
| 193.10 | 992.0    |
| 193.80 | 188.0    |
| 195.00 | 174.0    |
| 201.30 | 55.0     |
| 202.90 | 139.0    |
| 204.10 | 94.0     |
| 204.90 | 203.0    |
| 206.10 | 53.0     |
| 207.10 | 636.0    |
| 207.80 | 218.0    |
| 209.00 | 95.0     |
| 209.40 | 66.0     |
| 211.00 | 51.0     |
| 218.80 | 62.0     |
| 221.00 | 152.0    |
| 223.30 | 58.0     |
| 234.90 | 92.0     |
| 236.00 | 89.0     |
| 246.40 | 63.0     |
| 248.90 | 514.0    |
| 249.90 | 134.0    |
| 250.90 | 492.0    |
| 251.90 | 55.0     |
| 263.70 | 63.0     |
| 265.00 | 810.0    |
| 266.10 | 348.0    |
| 267.00 | 224.0    |
| 268.10 | 72.0     |
| 269.10 | 68.0     |
| 274.60 | 55.0     |
| 279.40 | 151.0    |
| 281.00 | 5632.0   |
| 282.10 | 2702.0   |
| 283.00 | 832.0    |
| 284.10 | 309.0    |
| 285.30 | 81.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 3695.0    |
| 37.00  | 20072.0   |
| 38.00  | 17520.0   |
| 39.10  | 6728.0    |
| 40.10  | 854.0     |
| 41.10  | 289.0     |
| 42.30  | 166.0     |
| 42.80  | 292.0     |
| 44.00  | 2914.0    |
| 45.00  | 3446.0    |
| 46.10  | 442.0     |
| 47.10  | 4254.0    |
| 47.90  | 2731.0    |
| 49.00  | 16330.0   |
| 50.00  | 72664.0   |
| 51.00  | 22504.0   |
| 52.00  | 1179.0    |
| 52.80  | 288.0     |
| 54.00  | 88.0      |
| 55.00  | 1178.0    |
| 56.00  | 5385.0    |
| 57.00  | 9291.0    |
| 58.00  | 423.0     |
| 58.80  | 241.0     |
| 60.00  | 3691.0    |
| 61.00  | 17680.0   |
| 62.00  | 18040.0   |
| 63.00  | 13702.0   |
| 64.00  | 1276.0    |
| 65.00  | 1616.0    |
| 66.20  | 180.0     |
| 67.00  | 1120.0    |
| 68.00  | 36824.0   |
| 69.00  | 36976.0   |
| 70.00  | 2743.0    |
| 71.10  | 235.0     |
| 72.10  | 2403.0    |
| 73.00  | 16289.0   |
| 74.00  | 58144.0   |
| 75.00  | 172416.0  |
| 76.10  | 13318.0   |
| 76.90  | 1741.0    |
| 78.00  | 1466.0    |
| 78.90  | 12087.0   |
| 80.00  | 3229.0    |
| 80.90  | 10518.0   |
| 82.00  | 2449.0    |
| 83.00  | 401.0     |
| 84.10  | 268.0     |
| 84.80  | 79.0      |
| 85.80  | 383.0     |
| 87.00  | 14018.0   |
| 87.90  | 12078.0   |
| 89.40  | 90.0      |
| 91.00  | 1382.0    |
| 92.00  | 9632.0    |
| 93.00  | 14349.0   |
| 94.00  | 38664.0   |
| 95.00  | 313408.0  |
| 96.10  | 21768.0   |
| 97.00  | 520.0     |
| 98.40  | 64.0      |
| 99.90  | 66.0      |
| 102.80 | 324.0     |
| 104.00 | 1432.0    |
| 105.00 | 646.0     |
| 106.00 | 1255.0    |
| 107.00 | 384.0     |
| 108.20 | 80.0      |
| 108.90 | 73.0      |
| 109.90 | 203.0     |
| 110.90 | 356.0     |
| 111.80 | 347.0     |
| 112.90 | 330.0     |
| 114.90 | 365.0     |
| 115.90 | 1256.0    |
| 116.90 | 2150.0    |
| 117.90 | 1071.0    |
| 118.90 | 1575.0    |
| 120.00 | 126.0     |
| 120.90 | 61.0      |
| 121.70 | 77.0      |
| 123.00 | 203.0     |
| 124.00 | 215.0     |
| 124.80 | 201.0     |
| 125.30 | 259.0     |
| 126.50 | 125.0     |
| 127.10 | 215.0     |
| 127.90 | 1223.0    |
| 129.00 | 620.0     |
| 129.90 | 1145.0    |
| 130.80 | 456.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530

|        |          |
|--------|----------|
| 131.90 | 65.0     |
| 133.00 | 530.0    |
| 133.80 | 204.0    |
| 134.90 | 680.0    |
| 136.00 | 207.0    |
| 137.00 | 589.0    |
| 138.70 | 141.0    |
| 139.80 | 322.0    |
| 141.00 | 3054.0   |
| 141.90 | 376.0    |
| 142.90 | 3101.0   |
| 143.80 | 258.0    |
| 144.90 | 519.0    |
| 145.80 | 268.0    |
| 146.80 | 292.0    |
| 148.00 | 839.0    |
| 148.90 | 207.0    |
| 149.90 | 367.0    |
| 150.80 | 97.0     |
| 151.90 | 166.0    |
| 153.00 | 209.0    |
| 154.10 | 142.0    |
| 154.90 | 635.0    |
| 155.80 | 168.0    |
| 157.00 | 560.0    |
| 157.90 | 53.0     |
| 158.80 | 368.0    |
| 159.90 | 52.0     |
| 160.90 | 201.0    |
| 162.00 | 123.0    |
| 162.80 | 121.0    |
| 163.50 | 56.0     |
| 164.50 | 80.0     |
| 164.90 | 89.0     |
| 166.20 | 80.0     |
| 168.20 | 118.0    |
| 169.70 | 173.0    |
| 171.10 | 319.0    |
| 172.00 | 2053.0   |
| 174.00 | 210432.0 |
| 175.00 | 17864.0  |
| 176.00 | 212224.0 |
| 177.00 | 11705.0  |
| 177.80 | 432.0    |
| 179.00 | 172.0    |
| 188.10 | 54.0     |
| 191.00 | 327.0    |
| 192.90 | 762.0    |
| 194.00 | 133.0    |
| 194.90 | 116.0    |
| 201.20 | 55.0     |
| 202.80 | 87.0     |
| 206.90 | 413.0    |
| 208.00 | 117.0    |
| 209.00 | 154.0    |
| 211.00 | 83.0     |
| 220.90 | 67.0     |
| 223.30 | 83.0     |
| 233.10 | 118.0    |
| 234.80 | 121.0    |
| 249.00 | 387.0    |
| 249.90 | 155.0    |
| 250.90 | 168.0    |
| 252.00 | 65.0     |
| 263.60 | 91.0     |
| 265.10 | 477.0    |
| 266.10 | 195.0    |
| 267.00 | 118.0    |
| 269.10 | 53.0     |
| 279.00 | 83.0     |
| 279.40 | 69.0     |
| 281.10 | 5449.0   |
| 282.10 | 1431.0   |
| 282.70 | 763.0    |
| 283.10 | 754.0    |
| 284.10 | 337.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 2684.0    |
| 37.10  | 14825.0   |
| 38.00  | 12700.0   |
| 39.00  | 5404.0    |
| 40.10  | 832.0     |
| 41.10  | 307.0     |
| 42.20  | 163.0     |
| 43.20  | 521.0     |
| 44.00  | 2063.0    |
| 45.00  | 2749.0    |
| 45.90  | 356.0     |
| 46.20  | 334.0     |
| 47.00  | 3512.0    |
| 48.10  | 1968.0    |
| 49.00  | 11772.0   |
| 50.00  | 53376.0   |
| 51.10  | 16936.0   |
| 52.00  | 704.0     |
| 52.90  | 297.0     |
| 54.20  | 115.0     |
| 55.10  | 825.0     |
| 56.00  | 4570.0    |
| 57.00  | 7617.0    |
| 58.00  | 412.0     |
| 59.10  | 111.0     |
| 60.00  | 2719.0    |
| 61.00  | 13021.0   |
| 62.00  | 12403.0   |
| 63.10  | 10374.0   |
| 64.00  | 1284.0    |
| 65.00  | 1245.0    |
| 66.00  | 297.0     |
| 67.00  | 846.0     |
| 68.00  | 28856.0   |
| 69.00  | 27920.0   |
| 70.00  | 2262.0    |
| 71.20  | 259.0     |
| 72.00  | 1503.0    |
| 73.00  | 12614.0   |
| 74.00  | 45864.0   |
| 75.00  | 136192.0  |
| 76.00  | 10691.0   |
| 77.10  | 1581.0    |
| 78.00  | 945.0     |
| 79.00  | 8082.0    |
| 80.00  | 2316.0    |
| 81.00  | 7889.0    |
| 82.00  | 2405.0    |
| 83.10  | 245.0     |
| 83.90  | 100.0     |
| 85.20  | 166.0     |
| 86.00  | 418.0     |
| 87.00  | 10733.0   |
| 88.00  | 9915.0    |
| 89.40  | 81.0      |
| 90.90  | 1049.0    |
| 92.00  | 6838.0    |
| 93.00  | 11396.0   |
| 94.00  | 30640.0   |
| 95.00  | 261568.0  |
| 96.00  | 16208.0   |
| 97.00  | 579.0     |
| 98.40  | 56.0      |
| 102.80 | 256.0     |
| 103.90 | 1131.0    |
| 104.90 | 406.0     |
| 106.00 | 1123.0    |
| 107.10 | 216.0     |
| 109.40 | 106.0     |
| 110.00 | 211.0     |
| 110.90 | 350.0     |
| 111.80 | 260.0     |
| 112.90 | 214.0     |
| 115.10 | 421.0     |
| 116.00 | 979.0     |
| 117.00 | 1798.0    |
| 117.90 | 1103.0    |
| 119.00 | 1467.0    |
| 120.00 | 78.0      |
| 122.10 | 74.0      |
| 122.90 | 185.0     |
| 123.70 | 162.0     |
| 124.30 | 157.0     |
| 124.90 | 265.0     |
| 126.10 | 212.0     |
| 127.00 | 176.0     |
| 127.90 | 1047.0    |
| 129.00 | 564.0     |
| 130.00 | 999.0     |
| 130.90 | 354.0     |
| 132.00 | 76.0      |
| 133.10 | 341.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530

|        |          |
|--------|----------|
| 134.00 | 162.0    |
| 134.90 | 521.0    |
| 136.10 | 160.0    |
| 137.00 | 443.0    |
| 138.00 | 71.0     |
| 138.70 | 81.0     |
| 139.10 | 86.0     |
| 139.80 | 171.0    |
| 140.90 | 2226.0   |
| 141.90 | 429.0    |
| 142.90 | 2494.0   |
| 143.80 | 212.0    |
| 145.00 | 379.0    |
| 145.80 | 364.0    |
| 147.00 | 179.0    |
| 147.90 | 777.0    |
| 149.00 | 142.0    |
| 150.00 | 316.0    |
| 151.00 | 67.0     |
| 151.70 | 83.0     |
| 153.00 | 307.0    |
| 153.80 | 152.0    |
| 154.90 | 653.0    |
| 155.90 | 140.0    |
| 156.90 | 594.0    |
| 157.90 | 78.0     |
| 158.90 | 306.0    |
| 159.70 | 78.0     |
| 160.90 | 272.0    |
| 163.00 | 125.0    |
| 164.90 | 50.0     |
| 166.30 | 103.0    |
| 167.70 | 78.0     |
| 169.30 | 134.0    |
| 171.10 | 259.0    |
| 171.80 | 1280.0   |
| 174.00 | 180928.0 |
| 175.00 | 14081.0  |
| 176.00 | 185984.0 |
| 177.00 | 10338.0  |
| 178.20 | 258.0    |
| 179.10 | 92.0     |
| 184.80 | 65.0     |
| 190.70 | 242.0    |
| 191.10 | 197.0    |
| 191.80 | 102.0    |
| 192.90 | 362.0    |
| 193.90 | 72.0     |
| 207.10 | 368.0    |
| 208.10 | 62.0     |
| 211.10 | 69.0     |
| 233.00 | 59.0     |
| 234.80 | 98.0     |
| 236.00 | 56.0     |
| 246.80 | 57.0     |
| 248.20 | 72.0     |
| 248.90 | 113.0    |
| 249.60 | 56.0     |
| 251.00 | 142.0    |
| 263.60 | 85.0     |
| 265.10 | 294.0    |
| 266.10 | 112.0    |
| 266.90 | 52.0     |
| 279.10 | 79.0     |
| 280.20 | 113.0    |
| 281.00 | 2447.0   |
| 282.10 | 696.0    |
| 283.20 | 330.0    |
| 284.30 | 63.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB530