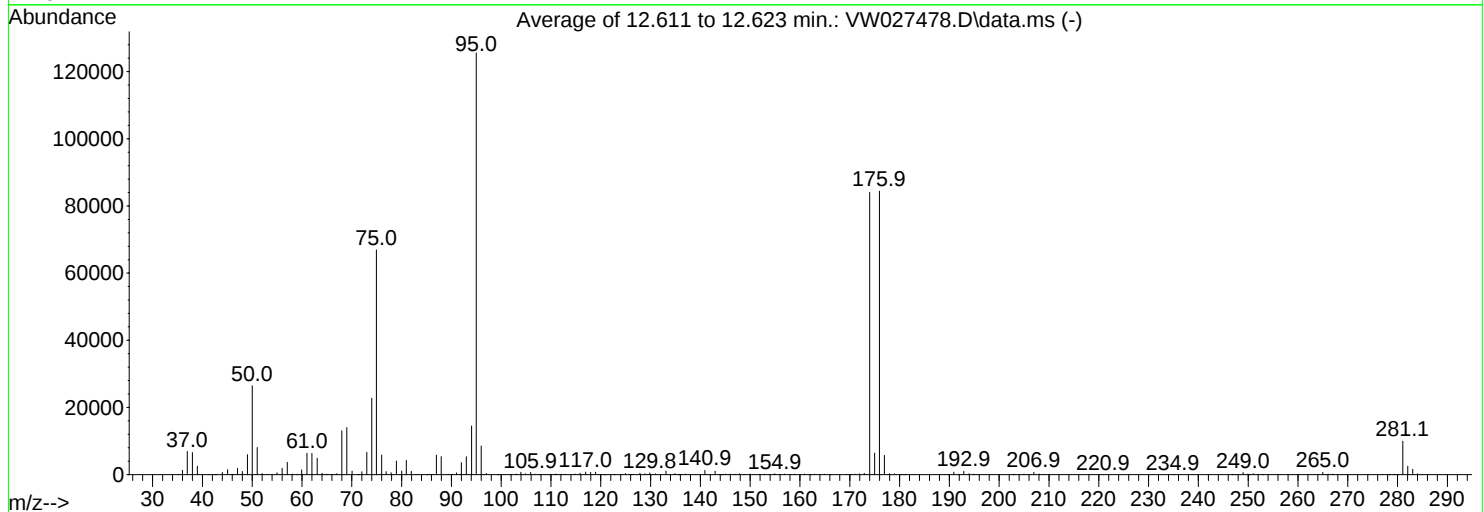
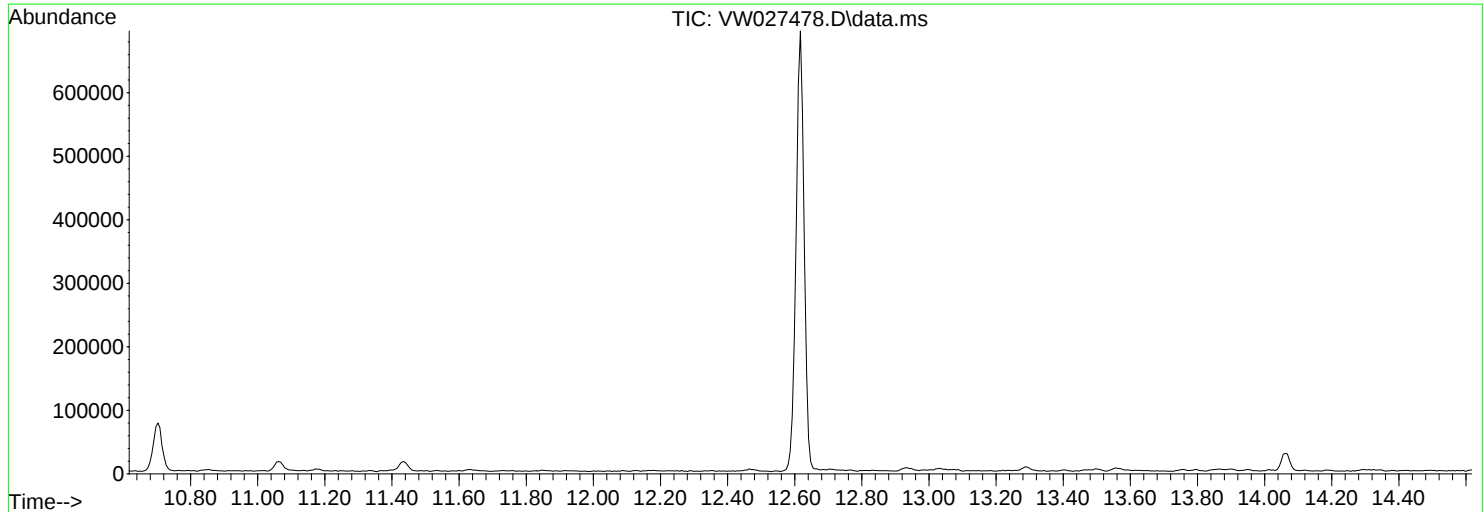


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW103123\  
Data File : VW027478.D  
Acq On : 31 Oct 2023 08:51  
Operator : SY/MD  
Sample : BFB408  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
Title : SFAM01.0  
Last Update : Fri Oct 27 01:27:32 2023



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1751

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 50     | 95      | 15     | 40     | 21.1  | 26485  | PASS      |
| 75     | 95      | 30     | 80     | 53.3  | 66924  | PASS      |
| 95     | 95      | 100    | 100    | 100.0 | 125584 | PASS      |
| 96     | 95      | 5      | 9      | 6.8   | 8521   | PASS      |
| 173    | 174     | 0.00   | 2      | 0.5   | 390    | PASS      |
| 174    | 95      | 50     | 120    | 66.9  | 84051  | PASS      |
| 175    | 174     | 5      | 9      | 7.7   | 6440   | PASS      |
| 176    | 174     | 95     | 101    | 100.4 | 84392  | PASS      |
| 177    | 176     | 5      | 9      | 6.8   | 5767   | PASS      |

| m/z    | Abundance |
|--------|-----------|
| 35.60  | 133.0     |
| 36.00  | 95.0      |
| 36.90  | 134.0     |
| 37.60  | 89.0      |
| 39.10  | 89.0      |
| 39.90  | 321.0     |
| 40.80  | 105.0     |
| 41.40  | 95.0      |
| 42.00  | 76.0      |
| 42.80  | 135.0     |
| 43.20  | 111.0     |
| 44.00  | 512.0     |
| 45.10  | 83.0      |
| 47.50  | 92.0      |
| 51.30  | 56.0      |
| 52.20  | 74.0      |
| 53.10  | 56.0      |
| 54.10  | 66.0      |
| 54.60  | 71.0      |
| 56.10  | 103.0     |
| 57.10  | 62.0      |
| 58.90  | 107.0     |
| 59.80  | 81.0      |
| 62.60  | 65.0      |
| 64.00  | 62.0      |
| 64.40  | 50.0      |
| 66.30  | 69.0      |
| 67.10  | 65.0      |
| 68.60  | 86.0      |
| 69.20  | 53.0      |
| 70.90  | 87.0      |
| 73.00  | 103.0     |
| 74.90  | 57.0      |
| 76.80  | 55.0      |
| 77.20  | 52.0      |
| 77.90  | 58.0      |
| 78.30  | 57.0      |
| 79.70  | 123.0     |
| 84.20  | 73.0      |
| 86.00  | 103.0     |
| 93.30  | 64.0      |
| 111.60 | 68.0      |
| 143.10 | 59.0      |
| 144.30 | 52.0      |
| 155.50 | 51.0      |
| 169.10 | 60.0      |
| 281.20 | 63.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

| m/z    | Abundance |
|--------|-----------|
| 35.30  | 104.0     |
| 36.00  | 1485.0    |
| 37.00  | 7018.0    |
| 38.00  | 6781.0    |
| 39.00  | 2611.0    |
| 40.00  | 422.0     |
| 40.90  | 89.0      |
| 42.00  | 90.0      |
| 42.90  | 248.0     |
| 44.00  | 1157.0    |
| 45.10  | 1719.0    |
| 45.90  | 219.0     |
| 46.20  | 203.0     |
| 47.10  | 1534.0    |
| 48.00  | 980.0     |
| 49.00  | 5665.0    |
| 50.00  | 27128.0   |
| 51.00  | 7950.0    |
| 52.00  | 411.0     |
| 53.10  | 97.0      |
| 54.10  | 57.0      |
| 55.00  | 662.0     |
| 56.00  | 2090.0    |
| 57.10  | 3771.0    |
| 58.20  | 198.0     |
| 59.10  | 344.0     |
| 60.00  | 1614.0    |
| 61.00  | 6355.0    |
| 62.00  | 6123.0    |
| 63.00  | 5328.0    |
| 64.10  | 589.0     |
| 65.20  | 310.0     |
| 66.80  | 299.0     |
| 68.00  | 12562.0   |
| 69.00  | 13746.0   |
| 70.00  | 1109.0    |
| 70.90  | 160.0     |
| 72.00  | 909.0     |
| 73.10  | 7929.0    |
| 74.00  | 21688.0   |
| 75.00  | 66616.0   |
| 76.00  | 5700.0    |
| 77.00  | 1066.0    |
| 78.00  | 600.0     |
| 78.90  | 4022.0    |
| 80.00  | 1004.0    |
| 80.90  | 4327.0    |
| 82.00  | 966.0     |
| 82.80  | 167.0     |
| 84.00  | 99.0      |
| 86.10  | 224.0     |
| 87.00  | 5455.0    |
| 87.90  | 5343.0    |
| 89.30  | 107.0     |
| 91.00  | 436.0     |
| 92.00  | 3408.0    |
| 93.00  | 5356.0    |
| 94.00  | 13901.0   |
| 95.00  | 126840.0  |
| 96.00  | 8305.0    |
| 97.00  | 375.0     |
| 101.90 | 69.0      |
| 103.00 | 325.0     |
| 104.00 | 648.0     |
| 104.90 | 296.0     |
| 105.90 | 588.0     |
| 106.70 | 135.0     |
| 108.90 | 54.0      |
| 109.70 | 157.0     |
| 110.80 | 191.0     |
| 111.20 | 211.0     |
| 111.70 | 172.0     |
| 112.10 | 145.0     |
| 112.80 | 107.0     |
| 114.90 | 174.0     |
| 115.80 | 442.0     |
| 117.00 | 588.0     |
| 117.90 | 769.0     |
| 119.00 | 739.0     |
| 119.90 | 128.0     |
| 120.80 | 85.0      |
| 124.10 | 93.0      |
| 125.00 | 650.0     |
| 126.10 | 227.0     |
| 126.70 | 104.0     |
| 127.90 | 369.0     |
| 128.90 | 228.0     |
| 129.90 | 440.0     |
| 131.10 | 200.0     |
| 133.10 | 1645.0    |
| 134.80 | 452.0     |
| 135.90 | 120.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

|        |         |
|--------|---------|
| 136.90 | 172.0   |
| 139.10 | 52.0    |
| 140.00 | 129.0   |
| 140.90 | 1140.0  |
| 142.00 | 155.0   |
| 142.90 | 1040.0  |
| 144.20 | 152.0   |
| 145.10 | 120.0   |
| 146.10 | 169.0   |
| 146.80 | 213.0   |
| 147.20 | 195.0   |
| 147.80 | 324.0   |
| 149.00 | 152.0   |
| 150.00 | 135.0   |
| 151.90 | 51.0    |
| 152.90 | 97.0    |
| 153.70 | 55.0    |
| 154.90 | 260.0   |
| 156.10 | 106.0   |
| 156.90 | 193.0   |
| 158.80 | 107.0   |
| 160.90 | 187.0   |
| 162.90 | 239.0   |
| 165.00 | 236.0   |
| 169.30 | 52.0    |
| 169.80 | 78.0    |
| 171.10 | 134.0   |
| 172.00 | 293.0   |
| 174.00 | 71480.0 |
| 175.00 | 6316.0  |
| 175.90 | 71216.0 |
| 176.90 | 4880.0  |
| 178.00 | 275.0   |
| 179.00 | 367.0   |
| 180.20 | 69.0    |
| 180.80 | 96.0    |
| 189.00 | 112.0   |
| 189.70 | 86.0    |
| 190.90 | 1389.0  |
| 191.90 | 247.0   |
| 192.90 | 1520.0  |
| 193.90 | 401.0   |
| 195.00 | 205.0   |
| 202.80 | 66.0    |
| 203.20 | 72.0    |
| 204.10 | 98.0    |
| 204.90 | 279.0   |
| 205.80 | 57.0    |
| 207.00 | 1119.0  |
| 208.00 | 340.0   |
| 209.00 | 180.0   |
| 220.90 | 103.0   |
| 234.90 | 214.0   |
| 246.80 | 80.0    |
| 247.40 | 50.0    |
| 249.00 | 1036.0  |
| 250.00 | 369.0   |
| 251.00 | 469.0   |
| 252.00 | 72.0    |
| 252.90 | 78.0    |
| 265.00 | 1056.0  |
| 265.70 | 288.0   |
| 266.20 | 164.0   |
| 267.00 | 343.0   |
| 267.80 | 80.0    |
| 277.10 | 59.0    |
| 279.40 | 233.0   |
| 281.00 | 16319.0 |
| 282.10 | 3858.0  |
| 283.10 | 2768.0  |
| 284.10 | 464.0   |
| 284.90 | 96.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1441.0    |
| 37.00  | 7755.0    |
| 38.00  | 7390.0    |
| 39.00  | 2877.0    |
| 40.00  | 465.0     |
| 41.20  | 141.0     |
| 41.90  | 108.0     |
| 43.00  | 193.0     |
| 44.00  | 1348.0    |
| 45.00  | 1761.0    |
| 46.10  | 159.0     |
| 47.00  | 2315.0    |
| 48.00  | 1097.0    |
| 49.00  | 6339.0    |
| 50.00  | 29712.0   |
| 51.00  | 9427.0    |
| 52.00  | 456.0     |
| 52.90  | 132.0     |
| 55.00  | 436.0     |
| 56.00  | 2212.0    |
| 57.00  | 4243.0    |
| 58.20  | 210.0     |
| 59.10  | 191.0     |
| 60.00  | 1611.0    |
| 61.00  | 7131.0    |
| 62.00  | 7216.0    |
| 63.00  | 5698.0    |
| 64.10  | 466.0     |
| 64.90  | 174.0     |
| 67.00  | 493.0     |
| 68.00  | 15633.0   |
| 69.00  | 16228.0   |
| 70.00  | 1232.0    |
| 72.00  | 876.0     |
| 73.00  | 7285.0    |
| 74.00  | 26040.0   |
| 75.00  | 75504.0   |
| 76.00  | 6642.0    |
| 77.00  | 921.0     |
| 77.90  | 675.0     |
| 79.00  | 4504.0    |
| 80.00  | 1148.0    |
| 80.90  | 4549.0    |
| 81.90  | 1114.0    |
| 83.10  | 190.0     |
| 85.70  | 191.0     |
| 86.20  | 347.0     |
| 87.00  | 6423.0    |
| 88.00  | 6012.0    |
| 89.40  | 113.0     |
| 90.20  | 100.0     |
| 91.10  | 582.0     |
| 92.00  | 3932.0    |
| 93.00  | 6019.0    |
| 94.10  | 16936.0   |
| 95.00  | 138304.0  |
| 96.00  | 9569.0    |
| 97.00  | 390.0     |
| 99.30  | 61.0      |
| 103.10 | 215.0     |
| 104.00 | 768.0     |
| 104.90 | 242.0     |
| 105.90 | 841.0     |
| 106.80 | 158.0     |
| 109.00 | 51.0      |
| 109.90 | 90.0      |
| 111.00 | 229.0     |
| 111.80 | 128.0     |
| 112.10 | 127.0     |
| 112.90 | 134.0     |
| 114.90 | 250.0     |
| 115.90 | 383.0     |
| 117.00 | 824.0     |
| 118.00 | 621.0     |
| 119.00 | 809.0     |
| 119.90 | 61.0      |
| 120.40 | 111.0     |
| 121.00 | 102.0     |
| 122.70 | 71.0      |
| 124.20 | 90.0      |
| 124.90 | 224.0     |
| 126.10 | 149.0     |
| 127.90 | 602.0     |
| 128.80 | 224.0     |
| 129.90 | 744.0     |
| 131.00 | 321.0     |
| 132.10 | 95.0      |
| 133.10 | 978.0     |
| 134.90 | 399.0     |
| 135.60 | 62.0      |
| 136.20 | 97.0      |
| 137.00 | 201.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

|        |         |
|--------|---------|
| 139.00 | 88.0    |
| 140.10 | 132.0   |
| 140.90 | 1259.0  |
| 141.90 | 220.0   |
| 143.00 | 1206.0  |
| 143.80 | 100.0   |
| 144.60 | 98.0    |
| 145.00 | 133.0   |
| 145.60 | 110.0   |
| 146.10 | 141.0   |
| 147.00 | 180.0   |
| 147.90 | 317.0   |
| 148.90 | 138.0   |
| 150.00 | 257.0   |
| 151.80 | 105.0   |
| 152.90 | 179.0   |
| 153.80 | 83.0    |
| 155.00 | 295.0   |
| 155.90 | 110.0   |
| 156.90 | 274.0   |
| 158.90 | 152.0   |
| 161.00 | 258.0   |
| 162.70 | 126.0   |
| 164.80 | 147.0   |
| 166.00 | 51.0    |
| 169.40 | 62.0    |
| 169.90 | 90.0    |
| 171.10 | 131.0   |
| 171.90 | 425.0   |
| 174.00 | 95704.0 |
| 175.00 | 7270.0  |
| 175.90 | 92888.0 |
| 176.90 | 6974.0  |
| 178.00 | 327.0   |
| 179.00 | 307.0   |
| 181.10 | 65.0    |
| 183.10 | 105.0   |
| 189.00 | 154.0   |
| 190.00 | 59.0    |
| 190.90 | 670.0   |
| 191.80 | 129.0   |
| 192.90 | 998.0   |
| 194.00 | 314.0   |
| 194.90 | 109.0   |
| 195.10 | 110.0   |
| 203.10 | 155.0   |
| 205.10 | 205.0   |
| 205.70 | 57.0    |
| 206.90 | 720.0   |
| 208.10 | 176.0   |
| 208.90 | 123.0   |
| 220.90 | 95.0    |
| 235.20 | 119.0   |
| 247.40 | 59.0    |
| 249.00 | 498.0   |
| 250.00 | 92.0    |
| 251.00 | 381.0   |
| 251.90 | 175.0   |
| 265.00 | 701.0   |
| 266.20 | 217.0   |
| 266.80 | 127.0   |
| 267.20 | 113.0   |
| 267.80 | 70.0    |
| 277.00 | 96.0    |
| 279.10 | 145.0   |
| 279.70 | 110.0   |
| 281.10 | 10145.0 |
| 282.10 | 2588.0  |
| 283.00 | 1434.0  |
| 284.00 | 248.0   |
| 284.90 | 149.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1242.0    |
| 37.00  | 6332.0    |
| 38.00  | 5544.0    |
| 39.00  | 2305.0    |
| 40.00  | 409.0     |
| 41.40  | 165.0     |
| 42.40  | 83.0      |
| 43.00  | 80.0      |
| 44.00  | 987.0     |
| 45.10  | 1271.0    |
| 45.90  | 153.0     |
| 47.00  | 1721.0    |
| 48.00  | 830.0     |
| 49.10  | 5808.0    |
| 50.00  | 22616.0   |
| 51.00  | 6945.0    |
| 52.00  | 337.0     |
| 52.90  | 150.0     |
| 55.00  | 455.0     |
| 56.00  | 1751.0    |
| 57.10  | 3236.0    |
| 58.00  | 212.0     |
| 59.10  | 145.0     |
| 60.00  | 1284.0    |
| 61.00  | 5627.0    |
| 62.00  | 5669.0    |
| 63.10  | 3769.0    |
| 64.10  | 471.0     |
| 65.00  | 234.0     |
| 65.80  | 86.0      |
| 67.00  | 575.0     |
| 68.00  | 10953.0   |
| 69.00  | 12198.0   |
| 70.10  | 832.0     |
| 71.30  | 77.0      |
| 72.00  | 786.0     |
| 73.00  | 5115.0    |
| 74.00  | 20584.0   |
| 75.00  | 58824.0   |
| 76.00  | 5185.0    |
| 76.90  | 916.0     |
| 77.90  | 568.0     |
| 78.90  | 3589.0    |
| 80.00  | 1089.0    |
| 81.00  | 3867.0    |
| 82.00  | 1006.0    |
| 83.10  | 155.0     |
| 84.20  | 63.0      |
| 85.00  | 53.0      |
| 86.10  | 156.0     |
| 87.00  | 5525.0    |
| 88.00  | 4818.0    |
| 89.30  | 54.0      |
| 91.00  | 583.0     |
| 92.00  | 3381.0    |
| 93.00  | 4717.0    |
| 94.00  | 12569.0   |
| 95.00  | 111608.0  |
| 96.00  | 7689.0    |
| 96.90  | 243.0     |
| 103.00 | 106.0     |
| 103.90 | 712.0     |
| 104.90 | 148.0     |
| 105.90 | 555.0     |
| 106.90 | 185.0     |
| 107.70 | 74.0      |
| 110.00 | 155.0     |
| 110.80 | 197.0     |
| 111.90 | 162.0     |
| 112.90 | 153.0     |
| 114.80 | 163.0     |
| 115.90 | 523.0     |
| 116.90 | 823.0     |
| 117.90 | 638.0     |
| 118.90 | 656.0     |
| 120.30 | 104.0     |
| 123.80 | 111.0     |
| 125.10 | 137.0     |
| 125.70 | 98.0      |
| 126.50 | 93.0      |
| 127.80 | 394.0     |
| 129.00 | 217.0     |
| 129.80 | 441.0     |
| 130.90 | 177.0     |
| 133.00 | 654.0     |
| 133.80 | 204.0     |
| 135.00 | 172.0     |
| 136.10 | 75.0      |
| 136.90 | 266.0     |
| 139.00 | 83.0      |
| 139.90 | 73.0      |
| 140.90 | 1464.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

|        |         |
|--------|---------|
| 141.70 | 140.0   |
| 142.90 | 1139.0  |
| 143.80 | 58.0    |
| 144.10 | 59.0    |
| 145.00 | 187.0   |
| 145.90 | 219.0   |
| 146.70 | 78.0    |
| 147.80 | 248.0   |
| 148.70 | 97.0    |
| 150.00 | 149.0   |
| 151.90 | 98.0    |
| 152.90 | 148.0   |
| 154.00 | 116.0   |
| 154.90 | 329.0   |
| 155.90 | 155.0   |
| 157.00 | 153.0   |
| 158.20 | 121.0   |
| 158.90 | 130.0   |
| 160.80 | 151.0   |
| 162.10 | 58.0    |
| 163.00 | 80.0    |
| 170.30 | 109.0   |
| 171.00 | 147.0   |
| 172.90 | 1171.0  |
| 174.00 | 84968.0 |
| 175.00 | 5733.0  |
| 176.00 | 89072.0 |
| 177.00 | 5447.0  |
| 177.90 | 217.0   |
| 178.80 | 94.0    |
| 190.10 | 52.0    |
| 191.00 | 234.0   |
| 191.80 | 55.0    |
| 192.90 | 473.0   |
| 193.80 | 80.0    |
| 194.80 | 65.0    |
| 195.90 | 79.0    |
| 203.10 | 67.0    |
| 205.00 | 114.0   |
| 207.00 | 188.0   |
| 208.00 | 100.0   |
| 208.90 | 63.0    |
| 235.10 | 57.0    |
| 249.00 | 284.0   |
| 249.80 | 68.0    |
| 250.20 | 54.0    |
| 250.80 | 75.0    |
| 251.90 | 63.0    |
| 265.00 | 321.0   |
| 266.00 | 118.0   |
| 267.10 | 124.0   |
| 267.90 | 52.0    |
| 278.30 | 71.0    |
| 280.00 | 86.0    |
| 281.10 | 3565.0  |
| 281.90 | 1125.0  |
| 283.00 | 695.0   |
| 284.10 | 174.0   |
| 284.90 | 87.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408