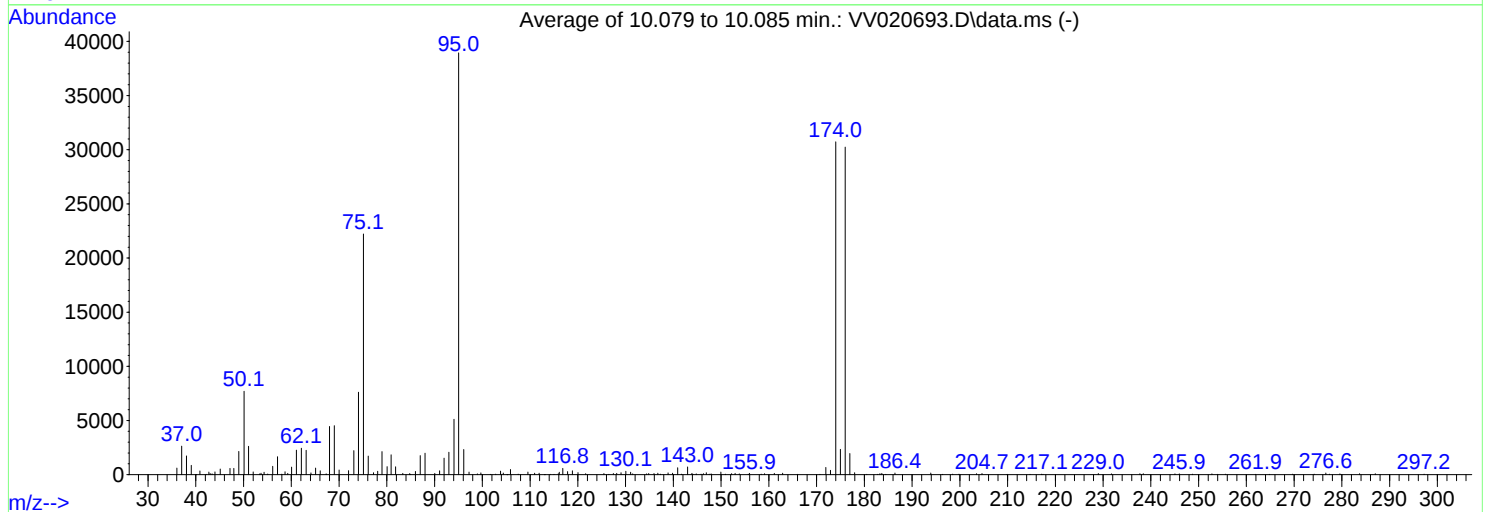
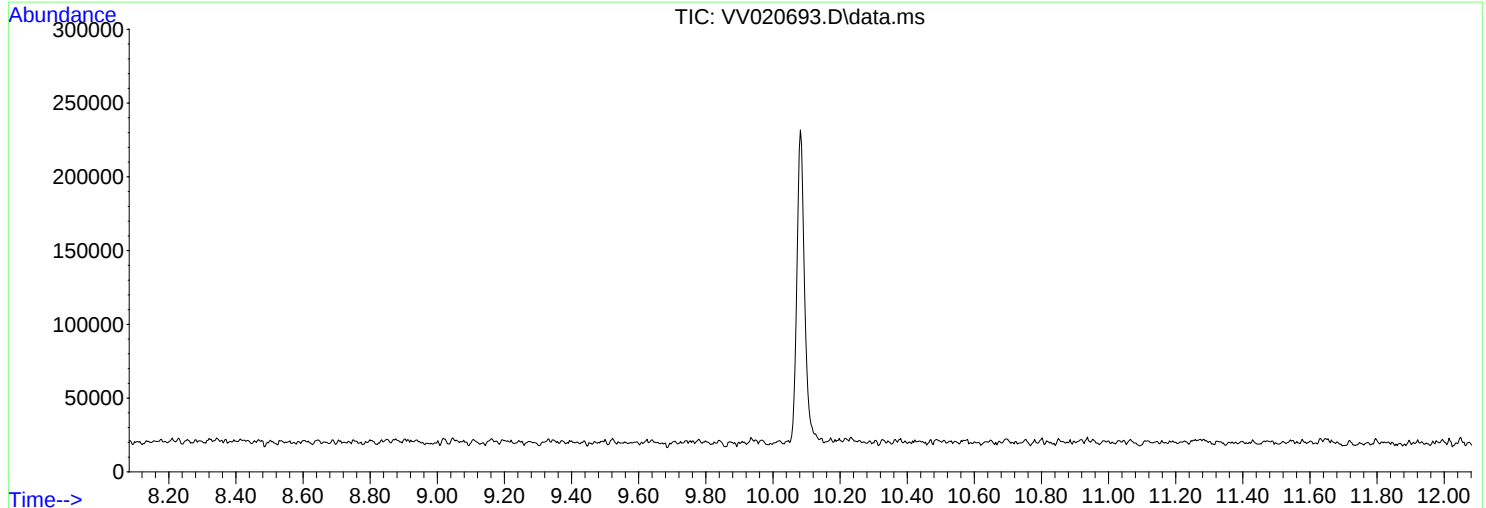


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032221\  
 Data File : VV020693.D  
 Acq On : 22 Mar 2021 10:19  
 Operator : SY/MD  
 Sample : BFB66  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFB66

Integration File: rteint.p

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022820WMA.M  
 Title : TRACE VOA SOM01.0  
 Last Update : Mon Mar 09 14:00:26 2020



AutoFind: Scans 2811, 2812, 2813; Background Corrected with Scan 2798

| 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              | 19.7         | 7690       | PASS                |
| 75             | 95              | 30              | 80              | 57.0         | 22218      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 38945      | PASS                |
| 96             | 95              | 5               | 9               | 6.0          | 2319       | PASS                |
| 173            | 174             | 0.00            | 2               | 1.3          | 404        | PASS                |
| 174            | 95              | 50              | 120             | 78.9         | 30728      | PASS                |
| 175            | 174             | 5               | 9               | 7.6          | 2337       | PASS                |
| 176            | 174             | 95              | 101             | 98.4         | 30248      | PASS                |
| 177            | 176             | 5               | 9               | 6.5          | 1953       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 35.20  | 192.0     |
| 36.00  | 602.0     |
| 37.10  | 2687.0    |
| 38.00  | 2257.0    |
| 39.10  | 1121.0    |
| 40.00  | 540.0     |
| 40.90  | 305.0     |
| 41.40  | 236.0     |
| 42.10  | 211.0     |
| 42.70  | 375.0     |
| 43.40  | 222.0     |
| 44.00  | 947.0     |
| 45.10  | 542.0     |
| 47.10  | 608.0     |
| 48.00  | 476.0     |
| 49.00  | 2160.0    |
| 50.10  | 7669.0    |
| 51.10  | 2931.0    |
| 52.00  | 433.0     |
| 52.90  | 367.0     |
| 53.40  | 224.0     |
| 54.30  | 250.0     |
| 55.00  | 225.0     |
| 56.10  | 776.0     |
| 57.10  | 1646.0    |
| 58.00  | 192.0     |
| 58.70  | 278.0     |
| 59.20  | 208.0     |
| 60.00  | 759.0     |
| 61.00  | 2257.0    |
| 62.10  | 2377.0    |
| 63.10  | 2277.0    |
| 64.00  | 371.0     |
| 65.10  | 629.0     |
| 66.00  | 279.0     |
| 68.00  | 4599.0    |
| 69.10  | 4795.0    |
| 70.00  | 586.0     |
| 71.40  | 133.0     |
| 72.10  | 432.0     |
| 73.10  | 2225.0    |
| 74.00  | 7751.0    |
| 75.10  | 22224.0   |
| 76.10  | 1669.0    |
| 77.00  | 303.0     |
| 78.10  | 211.0     |
| 79.00  | 1870.0    |
| 80.10  | 789.0     |
| 80.90  | 2046.0    |
| 81.80  | 748.0     |
| 83.40  | 119.0     |
| 85.00  | 122.0     |
| 86.00  | 289.0     |
| 87.00  | 1821.0    |
| 88.00  | 2054.0    |
| 88.90  | 184.0     |
| 90.10  | 150.0     |
| 91.00  | 372.0     |
| 92.00  | 1717.0    |
| 93.00  | 2156.0    |
| 94.10  | 4687.0    |
| 95.10  | 39176.0   |
| 96.10  | 2135.0    |
| 97.40  | 214.0     |
| 99.70  | 123.0     |
| 102.20 | 154.0     |
| 102.80 | 129.0     |
| 103.70 | 309.0     |
| 104.40 | 249.0     |
| 105.10 | 220.0     |
| 105.90 | 576.0     |
| 109.60 | 253.0     |
| 110.90 | 127.0     |
| 112.00 | 120.0     |
| 113.10 | 148.0     |
| 114.20 | 105.0     |
| 115.90 | 250.0     |
| 116.90 | 470.0     |
| 117.80 | 317.0     |
| 118.90 | 464.0     |
| 120.00 | 201.0     |
| 127.60 | 199.0     |
| 129.10 | 149.0     |
| 130.10 | 286.0     |
| 131.00 | 185.0     |
| 131.50 | 130.0     |
| 134.90 | 211.0     |
| 136.10 | 161.0     |
| 136.70 | 137.0     |
| 139.00 | 160.0     |
| 139.80 | 145.0     |
| 140.90 | 561.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

|        |         |
|--------|---------|
| 141.70 | 130.0   |
| 143.10 | 790.0   |
| 143.90 | 195.0   |
| 144.80 | 210.0   |
| 146.90 | 147.0   |
| 147.50 | 122.0   |
| 147.90 | 118.0   |
| 150.00 | 207.0   |
| 153.00 | 105.0   |
| 154.90 | 154.0   |
| 156.00 | 180.0   |
| 159.10 | 137.0   |
| 160.70 | 113.0   |
| 161.10 | 115.0   |
| 162.90 | 122.0   |
| 166.00 | 100.0   |
| 172.00 | 634.0   |
| 174.00 | 29480.0 |
| 175.00 | 2428.0  |
| 176.00 | 28544.0 |
| 177.00 | 1981.0  |
| 177.90 | 128.0   |
| 183.20 | 138.0   |
| 183.60 | 124.0   |
| 184.50 | 103.0   |
| 186.40 | 114.0   |
| 193.90 | 176.0   |
| 196.40 | 110.0   |
| 199.80 | 125.0   |
| 203.50 | 121.0   |
| 204.60 | 116.0   |
| 229.10 | 100.0   |
| 237.70 | 129.0   |
| 245.00 | 125.0   |
| 248.70 | 126.0   |
| 254.00 | 111.0   |
| 269.70 | 137.0   |
| 274.20 | 129.0   |
| 276.70 | 141.0   |
| 277.40 | 127.0   |
| 279.60 | 134.0   |
| 297.20 | 124.0   |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

| m/z    | Abundance |
|--------|-----------|
| 35.20  | 283.0     |
| 36.00  | 631.0     |
| 37.10  | 2728.0    |
| 38.10  | 2120.0    |
| 39.10  | 1158.0    |
| 40.00  | 458.0     |
| 40.80  | 373.0     |
| 41.30  | 242.0     |
| 42.10  | 299.0     |
| 42.80  | 325.0     |
| 44.00  | 873.0     |
| 45.10  | 540.0     |
| 47.20  | 564.0     |
| 47.90  | 596.0     |
| 49.00  | 2180.0    |
| 50.10  | 8294.0    |
| 51.10  | 2971.0    |
| 52.00  | 431.0     |
| 53.00  | 310.0     |
| 53.60  | 209.0     |
| 54.30  | 246.0     |
| 55.00  | 257.0     |
| 56.10  | 782.0     |
| 57.10  | 1780.0    |
| 58.00  | 211.0     |
| 58.70  | 282.0     |
| 60.10  | 723.0     |
| 61.00  | 2254.0    |
| 62.10  | 2643.0    |
| 63.10  | 2531.0    |
| 64.10  | 355.0     |
| 65.10  | 626.0     |
| 66.10  | 367.0     |
| 67.30  | 243.0     |
| 68.00  | 4806.0    |
| 69.10  | 4789.0    |
| 70.10  | 634.0     |
| 72.00  | 358.0     |
| 73.10  | 2484.0    |
| 74.00  | 7935.0    |
| 75.10  | 23344.0   |
| 76.10  | 1950.0    |
| 77.20  | 269.0     |
| 78.10  | 339.0     |
| 79.00  | 2181.0    |
| 80.10  | 745.0     |
| 80.90  | 2105.0    |
| 81.90  | 764.0     |
| 83.40  | 125.0     |
| 84.70  | 136.0     |
| 85.50  | 147.0     |
| 86.00  | 314.0     |
| 87.00  | 1791.0    |
| 88.00  | 2090.0    |
| 88.90  | 203.0     |
| 90.10  | 104.0     |
| 91.00  | 354.0     |
| 92.00  | 1569.0    |
| 93.00  | 2359.0    |
| 94.00  | 5207.0    |
| 95.10  | 40312.0   |
| 96.10  | 2382.0    |
| 97.20  | 220.0     |
| 99.00  | 115.0     |
| 99.70  | 179.0     |
| 100.30 | 108.0     |
| 102.20 | 101.0     |
| 103.80 | 336.0     |
| 104.40 | 204.0     |
| 105.10 | 176.0     |
| 105.90 | 499.0     |
| 109.50 | 267.0     |
| 111.00 | 120.0     |
| 111.90 | 141.0     |
| 112.90 | 173.0     |
| 115.00 | 111.0     |
| 116.10 | 277.0     |
| 116.80 | 615.0     |
| 117.90 | 295.0     |
| 118.90 | 523.0     |
| 120.10 | 215.0     |
| 121.70 | 107.0     |
| 123.90 | 100.0     |
| 125.50 | 130.0     |
| 127.50 | 214.0     |
| 128.20 | 160.0     |
| 129.00 | 192.0     |
| 130.00 | 341.0     |
| 131.00 | 244.0     |
| 131.50 | 113.0     |
| 134.40 | 133.0     |
| 134.90 | 232.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

|        |         |
|--------|---------|
| 136.10 | 289.0   |
| 136.70 | 130.0   |
| 138.90 | 146.0   |
| 139.90 | 154.0   |
| 140.90 | 613.0   |
| 141.80 | 178.0   |
| 143.00 | 704.0   |
| 143.90 | 171.0   |
| 144.80 | 227.0   |
| 146.30 | 121.0   |
| 146.90 | 196.0   |
| 147.90 | 114.0   |
| 149.20 | 137.0   |
| 149.90 | 254.0   |
| 150.90 | 114.0   |
| 152.20 | 125.0   |
| 153.00 | 130.0   |
| 153.80 | 106.0   |
| 154.80 | 114.0   |
| 155.90 | 158.0   |
| 159.10 | 108.0   |
| 161.10 | 114.0   |
| 162.90 | 147.0   |
| 165.30 | 103.0   |
| 171.90 | 718.0   |
| 172.90 | 592.0   |
| 174.00 | 31896.0 |
| 175.00 | 2436.0  |
| 176.00 | 31280.0 |
| 177.00 | 2196.0  |
| 178.00 | 189.0   |
| 183.30 | 121.0   |
| 183.70 | 126.0   |
| 186.40 | 184.0   |
| 193.90 | 159.0   |
| 203.50 | 129.0   |
| 204.70 | 105.0   |
| 212.20 | 112.0   |
| 217.10 | 117.0   |
| 229.00 | 123.0   |
| 231.70 | 106.0   |
| 237.70 | 120.0   |
| 238.40 | 120.0   |
| 245.10 | 117.0   |
| 245.90 | 120.0   |
| 252.80 | 111.0   |
| 261.90 | 102.0   |
| 276.70 | 162.0   |
| 279.60 | 108.0   |
| 283.70 | 117.0   |
| 287.00 | 137.0   |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

| m/z    | Abundance |
|--------|-----------|
| 35.10  | 357.0     |
| 36.10  | 583.0     |
| 37.00  | 2480.0    |
| 38.10  | 1913.0    |
| 39.00  | 1236.0    |
| 40.10  | 386.0     |
| 40.80  | 345.0     |
| 42.10  | 364.0     |
| 43.00  | 317.0     |
| 44.00  | 759.0     |
| 44.80  | 438.0     |
| 45.10  | 454.0     |
| 45.80  | 196.0     |
| 47.20  | 545.0     |
| 47.90  | 665.0     |
| 49.00  | 2106.0    |
| 50.10  | 7987.0    |
| 51.10  | 2885.0    |
| 52.00  | 384.0     |
| 52.70  | 245.0     |
| 53.00  | 227.0     |
| 53.70  | 180.0     |
| 54.30  | 181.0     |
| 55.10  | 255.0     |
| 56.10  | 755.0     |
| 57.10  | 1562.0    |
| 58.00  | 232.0     |
| 58.70  | 223.0     |
| 59.30  | 129.0     |
| 60.10  | 623.0     |
| 61.10  | 2260.0    |
| 62.10  | 2642.0    |
| 63.10  | 2479.0    |
| 64.20  | 366.0     |
| 65.10  | 572.0     |
| 66.10  | 399.0     |
| 67.00  | 276.0     |
| 68.00  | 4664.0    |
| 69.00  | 4285.0    |
| 70.10  | 515.0     |
| 70.90  | 112.0     |
| 71.90  | 309.0     |
| 73.10  | 2316.0    |
| 74.10  | 7500.0    |
| 75.10  | 21696.0   |
| 76.10  | 1931.0    |
| 77.20  | 249.0     |
| 78.10  | 399.0     |
| 79.00  | 2349.0    |
| 79.90  | 677.0     |
| 80.90  | 1955.0    |
| 81.90  | 645.0     |
| 83.20  | 132.0     |
| 84.80  | 133.0     |
| 85.40  | 164.0     |
| 86.00  | 269.0     |
| 87.00  | 1650.0    |
| 88.00  | 1809.0    |
| 89.90  | 121.0     |
| 91.10  | 322.0     |
| 92.00  | 1299.0    |
| 93.00  | 2113.0    |
| 94.10  | 5439.0    |
| 95.10  | 37664.0   |
| 96.10  | 2439.0    |
| 97.10  | 273.0     |
| 98.90  | 113.0     |
| 99.70  | 174.0     |
| 101.70 | 107.0     |
| 103.90 | 319.0     |
| 104.60 | 171.0     |
| 105.90 | 326.0     |
| 107.50 | 131.0     |
| 109.50 | 200.0     |
| 111.00 | 161.0     |
| 111.80 | 156.0     |
| 112.90 | 206.0     |
| 116.10 | 387.0     |
| 116.80 | 665.0     |
| 117.90 | 248.0     |
| 118.90 | 490.0     |
| 120.10 | 180.0     |
| 121.60 | 139.0     |
| 123.90 | 142.0     |
| 125.40 | 163.0     |
| 126.50 | 108.0     |
| 127.50 | 206.0     |
| 128.10 | 198.0     |
| 129.00 | 207.0     |
| 130.10 | 323.0     |
| 131.10 | 239.0     |
| 131.80 | 104.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

|        |         |
|--------|---------|
| 134.40 | 106.0   |
| 134.90 | 197.0   |
| 136.00 | 318.0   |
| 136.80 | 125.0   |
| 137.30 | 145.0   |
| 138.80 | 185.0   |
| 139.90 | 114.0   |
| 140.90 | 725.0   |
| 141.70 | 173.0   |
| 142.90 | 636.0   |
| 144.10 | 159.0   |
| 144.90 | 210.0   |
| 145.80 | 133.0   |
| 146.30 | 142.0   |
| 146.90 | 193.0   |
| 149.10 | 174.0   |
| 150.00 | 259.0   |
| 152.20 | 162.0   |
| 152.90 | 129.0   |
| 153.80 | 123.0   |
| 155.70 | 134.0   |
| 158.40 | 139.0   |
| 161.20 | 110.0   |
| 162.90 | 117.0   |
| 170.70 | 112.0   |
| 171.90 | 666.0   |
| 172.90 | 619.0   |
| 174.00 | 30808.0 |
| 175.00 | 2146.0  |
| 176.00 | 30920.0 |
| 177.00 | 2027.0  |
| 178.00 | 210.0   |
| 180.50 | 105.0   |
| 182.80 | 108.0   |
| 183.70 | 101.0   |
| 186.40 | 165.0   |
| 193.90 | 110.0   |
| 198.50 | 117.0   |
| 204.70 | 111.0   |
| 209.90 | 108.0   |
| 214.70 | 104.0   |
| 217.40 | 111.0   |
| 223.10 | 102.0   |
| 228.90 | 108.0   |
| 231.80 | 104.0   |
| 238.40 | 165.0   |
| 246.00 | 123.0   |
| 252.80 | 128.0   |
| 255.60 | 116.0   |
| 264.80 | 103.0   |
| 276.60 | 123.0   |
| 283.70 | 162.0   |
| 287.00 | 117.0   |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

| m/z    | Abundance |
|--------|-----------|
| 35.10  | 361.0     |
| 36.40  | 220.0     |
| 37.70  | 367.0     |
| 38.10  | 373.0     |
| 39.10  | 316.0     |
| 39.90  | 455.0     |
| 40.60  | 232.0     |
| 41.30  | 261.0     |
| 42.30  | 265.0     |
| 44.00  | 611.0     |
| 44.90  | 274.0     |
| 45.90  | 233.0     |
| 46.60  | 146.0     |
| 47.60  | 119.0     |
| 48.30  | 161.0     |
| 49.40  | 242.0     |
| 50.10  | 293.0     |
| 50.90  | 177.0     |
| 51.30  | 134.0     |
| 52.00  | 166.0     |
| 52.60  | 147.0     |
| 53.10  | 338.0     |
| 54.70  | 193.0     |
| 55.10  | 189.0     |
| 55.70  | 162.0     |
| 56.50  | 296.0     |
| 57.60  | 170.0     |
| 58.10  | 170.0     |
| 59.00  | 210.0     |
| 60.30  | 169.0     |
| 60.70  | 171.0     |
| 62.30  | 120.0     |
| 63.20  | 183.0     |
| 64.10  | 197.0     |
| 64.70  | 212.0     |
| 65.70  | 205.0     |
| 67.00  | 129.0     |
| 68.00  | 237.0     |
| 69.00  | 106.0     |
| 69.90  | 154.0     |
| 70.70  | 109.0     |
| 71.30  | 126.0     |
| 73.20  | 121.0     |
| 73.50  | 125.0     |
| 74.20  | 122.0     |
| 75.10  | 203.0     |
| 76.30  | 133.0     |
| 76.90  | 210.0     |
| 77.80  | 277.0     |
| 79.50  | 188.0     |
| 80.90  | 196.0     |
| 81.50  | 169.0     |
| 83.10  | 140.0     |
| 84.10  | 131.0     |
| 85.60  | 170.0     |
| 86.30  | 232.0     |
| 88.90  | 145.0     |
| 89.60  | 200.0     |
| 90.80  | 129.0     |
| 92.40  | 227.0     |
| 93.20  | 140.0     |
| 94.90  | 106.0     |
| 96.70  | 131.0     |
| 97.70  | 120.0     |
| 99.20  | 102.0     |
| 100.30 | 154.0     |
| 102.20 | 111.0     |
| 104.60 | 120.0     |
| 105.30 | 127.0     |
| 106.30 | 112.0     |
| 108.10 | 105.0     |
| 111.50 | 205.0     |
| 113.10 | 171.0     |
| 113.50 | 175.0     |
| 118.80 | 136.0     |
| 121.00 | 103.0     |
| 122.90 | 193.0     |
| 123.80 | 191.0     |
| 125.10 | 247.0     |
| 126.90 | 144.0     |
| 127.40 | 108.0     |
| 129.80 | 140.0     |
| 130.70 | 143.0     |
| 131.90 | 146.0     |
| 132.50 | 114.0     |
| 132.80 | 109.0     |
| 134.00 | 130.0     |
| 134.80 | 106.0     |
| 135.90 | 148.0     |
| 137.80 | 142.0     |
| 139.30 | 105.0     |
| 141.70 | 109.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB66

|        |       |
|--------|-------|
| 144.80 | 142.0 |
| 149.00 | 113.0 |
| 154.70 | 159.0 |
| 156.70 | 121.0 |
| 157.90 | 108.0 |
| 160.50 | 161.0 |
| 163.90 | 187.0 |
| 165.10 | 128.0 |
| 166.80 | 101.0 |
| 168.20 | 124.0 |
| 176.90 | 115.0 |
| 179.50 | 165.0 |
| 182.40 | 104.0 |
| 187.10 | 102.0 |
| 188.20 | 121.0 |
| 193.60 | 106.0 |
| 195.70 | 115.0 |
| 212.40 | 167.0 |
| 223.30 | 123.0 |
| 236.30 | 140.0 |
| 244.10 | 100.0 |
| 249.50 | 112.0 |
| 251.30 | 111.0 |
| 253.70 | 105.0 |
| 263.90 | 177.0 |
| 281.40 | 100.0 |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB66