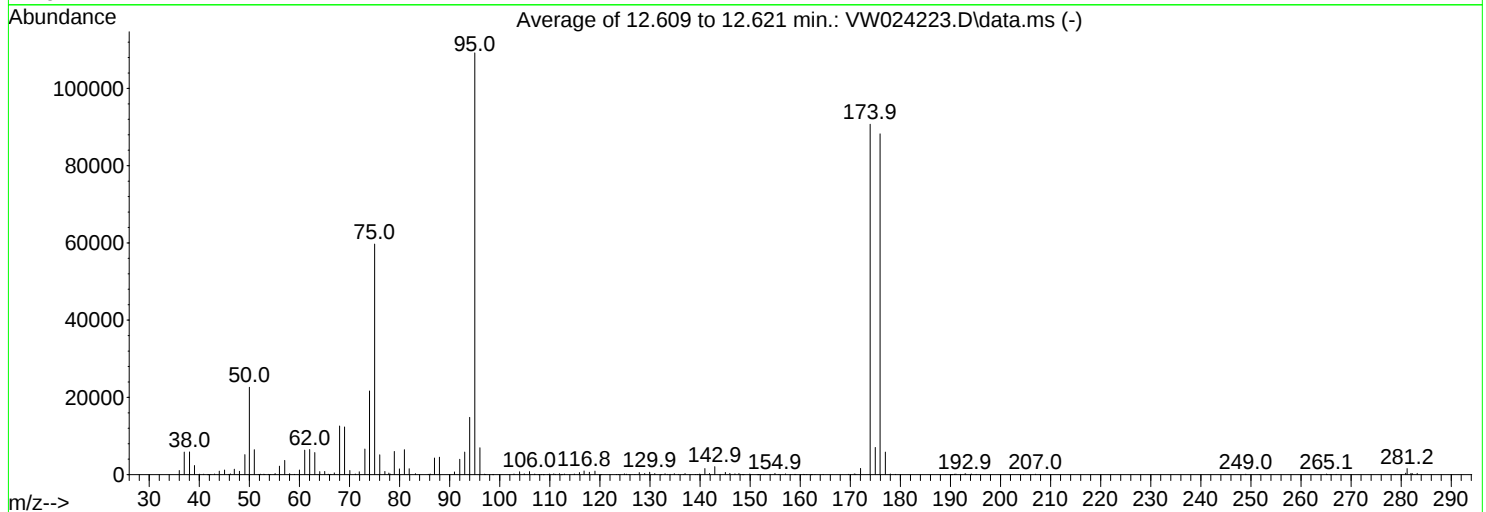
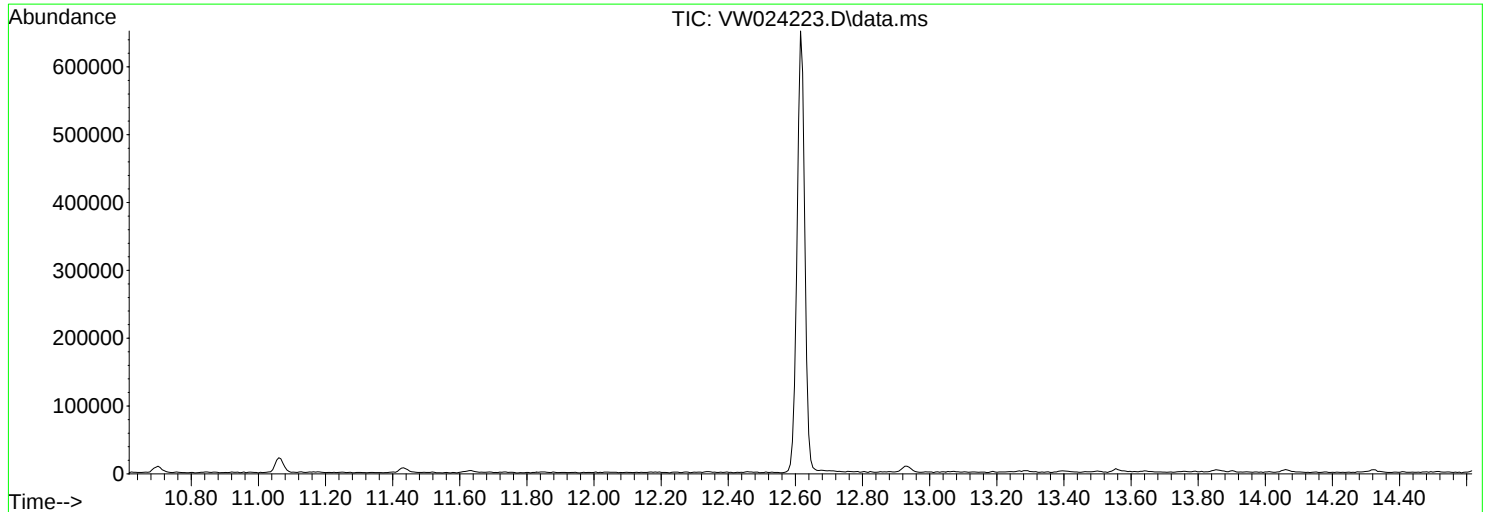


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081122\  
Data File : VW024223.D  
Acq On : 11 Aug 2022 08:12  
Operator : SY/VA  
Sample : BFB407  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
Title : SFAM01.0  
Last Update : Fri Aug 12 03:13:23 2022



AutoFind: Scans 1756, 1757, 1758; Background Corrected with Scan 1748

| 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              | 20.7         | 22619      | PASS                |
| 75             | 95              | 30              | 80              | 54.7         | 59717      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 109211     | PASS                |
| 96             | 95              | 5               | 9               | 6.4          | 6981       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 83.1         | 90741      | PASS                |
| 175            | 174             | 5               | 9               | 7.8          | 7061       | PASS                |
| 176            | 174             | 95              | 105             | 97.2         | 88237      | PASS                |
| 177            | 176             | 5               | 10              | 6.6          | 5861       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 35.20  | 67.0      |
| 37.00  | 63.0      |
| 37.70  | 72.0      |
| 39.70  | 189.0     |
| 40.20  | 191.0     |
| 41.30  | 73.0      |
| 41.70  | 64.0      |
| 42.80  | 59.0      |
| 44.20  | 148.0     |
| 47.30  | 118.0     |
| 48.80  | 70.0      |
| 52.40  | 54.0      |
| 54.90  | 51.0      |
| 58.60  | 52.0      |
| 65.90  | 51.0      |
| 98.00  | 63.0      |
| 101.80 | 54.0      |
| 123.60 | 84.0      |
| 142.40 | 69.0      |
| 206.50 | 62.0      |
| 207.00 | 74.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1198.0    |
| 37.00  | 5711.0    |
| 38.10  | 5765.0    |
| 39.10  | 2273.0    |
| 40.00  | 397.0     |
| 41.00  | 84.0      |
| 41.80  | 153.0     |
| 43.00  | 188.0     |
| 44.00  | 1055.0    |
| 45.00  | 1366.0    |
| 46.20  | 364.0     |
| 47.00  | 934.0     |
| 48.00  | 821.0     |
| 49.10  | 5087.0    |
| 50.00  | 22160.0   |
| 51.00  | 6035.0    |
| 52.30  | 234.0     |
| 52.90  | 239.0     |
| 53.90  | 159.0     |
| 55.00  | 299.0     |
| 56.00  | 2293.0    |
| 57.00  | 3457.0    |
| 58.00  | 309.0     |
| 59.00  | 255.0     |
| 59.90  | 1143.0    |
| 61.10  | 6445.0    |
| 62.00  | 5765.0    |
| 63.10  | 5618.0    |
| 64.00  | 906.0     |
| 65.00  | 1076.0    |
| 65.80  | 209.0     |
| 66.30  | 169.0     |
| 66.90  | 357.0     |
| 68.00  | 11824.0   |
| 69.00  | 10833.0   |
| 70.00  | 898.0     |
| 71.10  | 107.0     |
| 72.00  | 654.0     |
| 73.10  | 5803.0    |
| 74.00  | 20232.0   |
| 75.00  | 55440.0   |
| 76.10  | 4569.0    |
| 77.00  | 795.0     |
| 78.10  | 494.0     |
| 78.90  | 5446.0    |
| 79.90  | 1486.0    |
| 80.90  | 6107.0    |
| 81.90  | 1447.0    |
| 83.20  | 254.0     |
| 85.70  | 210.0     |
| 87.00  | 4213.0    |
| 88.00  | 3791.0    |
| 90.90  | 519.0     |
| 92.00  | 3715.0    |
| 93.00  | 5534.0    |
| 94.00  | 13487.0   |
| 95.00  | 92848.0   |
| 96.00  | 6307.0    |
| 97.00  | 182.0     |
| 98.00  | 67.0      |
| 102.90 | 209.0     |
| 104.00 | 708.0     |
| 105.00 | 210.0     |
| 105.90 | 599.0     |
| 107.00 | 191.0     |
| 108.30 | 75.0      |
| 109.60 | 107.0     |
| 110.00 | 141.0     |
| 110.80 | 187.0     |
| 112.00 | 177.0     |
| 112.90 | 162.0     |
| 114.80 | 207.0     |
| 116.00 | 529.0     |
| 116.90 | 952.0     |
| 118.00 | 709.0     |
| 119.10 | 937.0     |
| 120.10 | 56.0      |
| 123.30 | 96.0      |
| 123.80 | 82.0      |
| 124.80 | 137.0     |
| 125.30 | 338.0     |
| 127.00 | 97.0      |
| 127.80 | 434.0     |
| 129.00 | 204.0     |
| 129.90 | 659.0     |
| 130.90 | 232.0     |
| 132.10 | 67.0      |
| 133.10 | 391.0     |
| 134.00 | 183.0     |
| 134.90 | 280.0     |
| 137.00 | 359.0     |
| 139.50 | 118.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

|        |         |
|--------|---------|
| 140.00 | 147.0   |
| 141.00 | 1553.0  |
| 141.90 | 309.0   |
| 142.90 | 2019.0  |
| 144.00 | 133.0   |
| 145.00 | 662.0   |
| 145.90 | 264.0   |
| 147.10 | 193.0   |
| 147.80 | 268.0   |
| 148.50 | 57.0    |
| 150.00 | 174.0   |
| 151.80 | 62.0    |
| 152.20 | 73.0    |
| 152.80 | 81.0    |
| 154.00 | 51.0    |
| 155.10 | 208.0   |
| 157.10 | 210.0   |
| 158.90 | 228.0   |
| 160.70 | 121.0   |
| 161.30 | 76.0    |
| 163.00 | 101.0   |
| 164.60 | 86.0    |
| 169.60 | 65.0    |
| 170.90 | 261.0   |
| 172.00 | 1275.0  |
| 174.00 | 72744.0 |
| 175.00 | 5770.0  |
| 176.00 | 72736.0 |
| 177.00 | 4406.0  |
| 177.90 | 178.0   |
| 179.00 | 80.0    |
| 189.10 | 73.0    |
| 190.20 | 51.0    |
| 190.80 | 252.0   |
| 191.20 | 283.0   |
| 192.20 | 80.0    |
| 192.90 | 591.0   |
| 194.10 | 210.0   |
| 195.00 | 69.0    |
| 207.00 | 276.0   |
| 249.00 | 151.0   |
| 251.80 | 52.0    |
| 265.10 | 278.0   |
| 266.10 | 98.0    |
| 267.00 | 155.0   |
| 281.20 | 2555.0  |
| 282.00 | 765.0   |
| 283.20 | 449.0   |
| 284.10 | 101.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1108.0    |
| 37.00  | 6644.0    |
| 38.00  | 6383.0    |
| 39.00  | 2721.0    |
| 40.00  | 275.0     |
| 41.00  | 105.0     |
| 42.30  | 145.0     |
| 43.10  | 122.0     |
| 44.00  | 1183.0    |
| 45.00  | 1211.0    |
| 45.90  | 300.0     |
| 47.00  | 1475.0    |
| 47.90  | 1052.0    |
| 49.10  | 5579.0    |
| 50.00  | 25016.0   |
| 51.00  | 7600.0    |
| 51.90  | 322.0     |
| 52.90  | 126.0     |
| 53.80  | 99.0      |
| 54.20  | 59.0      |
| 55.20  | 520.0     |
| 56.00  | 2168.0    |
| 57.00  | 3866.0    |
| 58.10  | 281.0     |
| 60.00  | 1523.0    |
| 61.00  | 7062.0    |
| 62.10  | 7004.0    |
| 63.10  | 6595.0    |
| 64.10  | 832.0     |
| 65.00  | 782.0     |
| 66.00  | 131.0     |
| 67.00  | 491.0     |
| 68.00  | 13978.0   |
| 69.00  | 14038.0   |
| 70.10  | 997.0     |
| 71.20  | 197.0     |
| 71.90  | 816.0     |
| 73.00  | 7988.0    |
| 74.00  | 24032.0   |
| 75.00  | 67320.0   |
| 76.00  | 5827.0    |
| 77.00  | 930.0     |
| 77.80  | 801.0     |
| 78.90  | 7201.0    |
| 80.00  | 1527.0    |
| 81.00  | 7056.0    |
| 81.90  | 1659.0    |
| 83.00  | 235.0     |
| 86.10  | 264.0     |
| 87.00  | 4527.0    |
| 87.90  | 5107.0    |
| 91.00  | 718.0     |
| 92.00  | 4282.0    |
| 93.00  | 6099.0    |
| 94.00  | 16688.0   |
| 95.00  | 122752.0  |
| 96.00  | 7667.0    |
| 97.00  | 201.0     |
| 98.60  | 55.0      |
| 102.90 | 196.0     |
| 103.90 | 833.0     |
| 104.80 | 300.0     |
| 106.00 | 964.0     |
| 107.00 | 229.0     |
| 108.30 | 80.0      |
| 109.80 | 167.0     |
| 110.80 | 175.0     |
| 112.00 | 246.0     |
| 112.90 | 163.0     |
| 114.90 | 208.0     |
| 115.90 | 684.0     |
| 116.90 | 966.0     |
| 117.90 | 707.0     |
| 119.00 | 1062.0    |
| 123.70 | 83.0      |
| 124.90 | 244.0     |
| 125.80 | 60.0      |
| 127.90 | 697.0     |
| 129.00 | 338.0     |
| 130.00 | 587.0     |
| 131.00 | 334.0     |
| 133.00 | 147.0     |
| 133.60 | 180.0     |
| 134.80 | 330.0     |
| 135.70 | 90.0      |
| 136.90 | 384.0     |
| 139.10 | 54.0      |
| 140.00 | 174.0     |
| 141.00 | 1648.0    |
| 141.90 | 321.0     |
| 143.00 | 2399.0    |
| 144.00 | 148.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

|        |         |
|--------|---------|
| 145.00 | 582.0   |
| 145.90 | 283.0   |
| 146.90 | 229.0   |
| 147.70 | 317.0   |
| 148.10 | 285.0   |
| 148.80 | 67.0    |
| 150.00 | 171.0   |
| 151.80 | 96.0    |
| 152.70 | 81.0    |
| 154.00 | 79.0    |
| 154.90 | 376.0   |
| 155.80 | 120.0   |
| 157.00 | 181.0   |
| 158.10 | 59.0    |
| 159.10 | 159.0   |
| 160.70 | 124.0   |
| 162.90 | 66.0    |
| 169.70 | 130.0   |
| 170.70 | 354.0   |
| 172.10 | 2024.0  |
| 173.90 | 99912.0 |
| 175.00 | 8066.0  |
| 176.00 | 95760.0 |
| 177.00 | 7194.0  |
| 178.00 | 145.0   |
| 179.10 | 63.0    |
| 191.00 | 189.0   |
| 192.00 | 143.0   |
| 193.10 | 328.0   |
| 194.20 | 203.0   |
| 195.10 | 95.0    |
| 204.60 | 79.0    |
| 207.10 | 236.0   |
| 207.90 | 93.0    |
| 249.00 | 181.0   |
| 251.80 | 63.0    |
| 265.10 | 256.0   |
| 267.00 | 63.0    |
| 278.80 | 71.0    |
| 281.20 | 2125.0  |
| 282.20 | 580.0   |
| 283.20 | 303.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

| m/z    | Abundance |
|--------|-----------|
| 35.20  | 84.0      |
| 36.00  | 940.0     |
| 37.00  | 5390.0    |
| 38.00  | 5444.0    |
| 39.00  | 2116.0    |
| 40.00  | 303.0     |
| 40.80  | 170.0     |
| 41.70  | 76.0      |
| 43.00  | 160.0     |
| 44.00  | 995.0     |
| 45.10  | 987.0     |
| 46.20  | 260.0     |
| 47.00  | 1786.0    |
| 48.10  | 773.0     |
| 49.10  | 4922.0    |
| 50.00  | 20680.0   |
| 51.00  | 5814.0    |
| 52.20  | 306.0     |
| 53.10  | 140.0     |
| 54.10  | 84.0      |
| 55.10  | 299.0     |
| 56.00  | 2089.0    |
| 57.10  | 3783.0    |
| 58.00  | 161.0     |
| 60.10  | 971.0     |
| 61.00  | 5513.0    |
| 62.00  | 6747.0    |
| 63.00  | 5001.0    |
| 64.10  | 678.0     |
| 65.10  | 670.0     |
| 65.70  | 172.0     |
| 66.20  | 75.0      |
| 66.90  | 502.0     |
| 68.00  | 11969.0   |
| 69.00  | 12131.0   |
| 70.00  | 1297.0    |
| 71.20  | 172.0     |
| 72.00  | 771.0     |
| 73.00  | 6064.0    |
| 74.00  | 20808.0   |
| 75.00  | 56392.0   |
| 76.10  | 5029.0    |
| 77.10  | 753.0     |
| 77.90  | 396.0     |
| 79.00  | 5442.0    |
| 79.90  | 1522.0    |
| 80.90  | 6189.0    |
| 81.90  | 1446.0    |
| 83.20  | 254.0     |
| 86.10  | 203.0     |
| 86.90  | 4232.0    |
| 88.00  | 4629.0    |
| 91.00  | 881.0     |
| 92.00  | 3910.0    |
| 93.00  | 5858.0    |
| 94.00  | 14291.0   |
| 95.00  | 112032.0  |
| 96.10  | 6970.0    |
| 97.20  | 143.0     |
| 102.70 | 76.0      |
| 103.90 | 661.0     |
| 104.80 | 134.0     |
| 106.00 | 858.0     |
| 107.10 | 96.0      |
| 107.80 | 54.0      |
| 108.70 | 61.0      |
| 109.90 | 228.0     |
| 110.80 | 211.0     |
| 111.10 | 213.0     |
| 111.80 | 274.0     |
| 112.30 | 53.0      |
| 112.90 | 177.0     |
| 115.00 | 132.0     |
| 115.80 | 367.0     |
| 116.80 | 974.0     |
| 117.80 | 480.0     |
| 118.90 | 756.0     |
| 123.50 | 63.0      |
| 125.00 | 201.0     |
| 125.80 | 67.0      |
| 127.80 | 432.0     |
| 128.90 | 289.0     |
| 129.80 | 346.0     |
| 130.10 | 311.0     |
| 131.00 | 261.0     |
| 132.90 | 170.0     |
| 133.40 | 86.0      |
| 134.00 | 106.0     |
| 134.90 | 155.0     |
| 135.70 | 200.0     |
| 136.70 | 153.0     |
| 137.10 | 176.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407

|        |         |
|--------|---------|
| 139.10 | 53.0    |
| 139.90 | 202.0   |
| 140.90 | 1578.0  |
| 141.90 | 269.0   |
| 143.00 | 1842.0  |
| 145.10 | 464.0   |
| 146.00 | 407.0   |
| 146.80 | 203.0   |
| 147.80 | 253.0   |
| 148.80 | 111.0   |
| 149.90 | 120.0   |
| 151.50 | 57.0    |
| 152.70 | 51.0    |
| 152.90 | 50.0    |
| 153.90 | 79.0    |
| 154.90 | 390.0   |
| 155.70 | 87.0    |
| 157.00 | 261.0   |
| 158.10 | 60.0    |
| 159.10 | 135.0   |
| 160.90 | 168.0   |
| 162.20 | 56.0    |
| 169.70 | 78.0    |
| 171.10 | 323.0   |
| 172.00 | 1501.0  |
| 173.90 | 99568.0 |
| 175.00 | 7346.0  |
| 175.90 | 96216.0 |
| 177.00 | 5982.0  |
| 178.10 | 216.0   |
| 178.90 | 70.0    |
| 190.80 | 111.0   |
| 192.10 | 95.0    |
| 193.00 | 253.0   |
| 194.00 | 79.0    |
| 195.20 | 106.0   |
| 207.20 | 69.0    |
| 265.30 | 145.0   |
| 265.80 | 69.0    |
| 267.00 | 55.0    |
| 280.90 | 1125.0  |
| 281.90 | 258.0   |
| 282.20 | 287.0   |
| 283.20 | 259.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB407