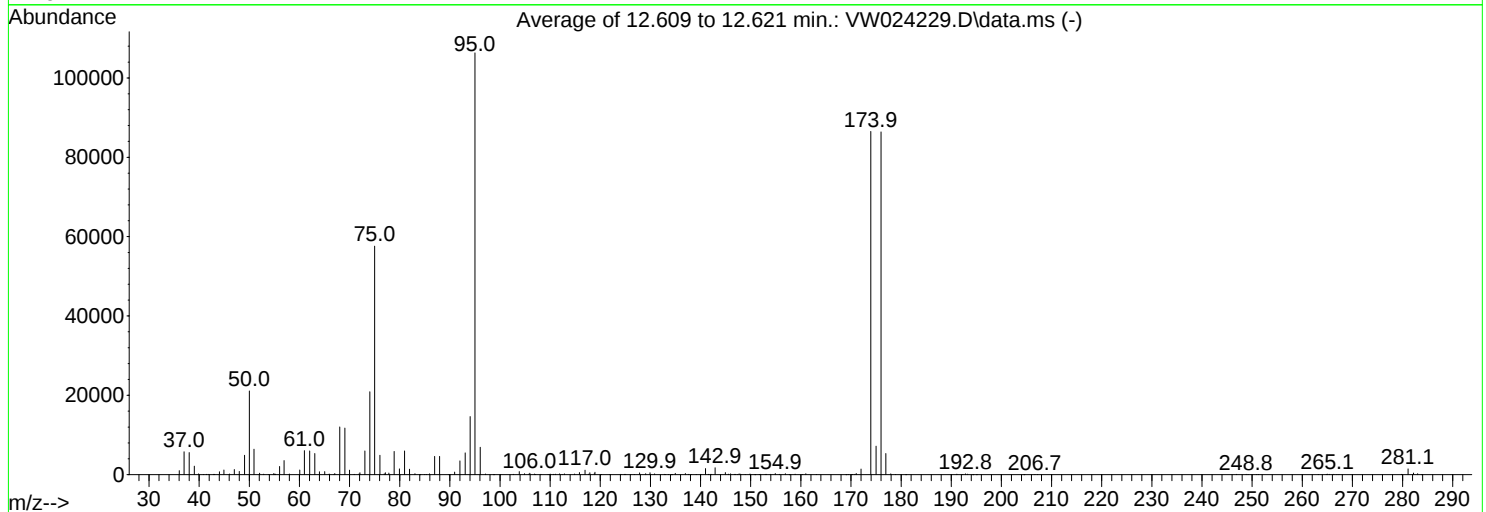
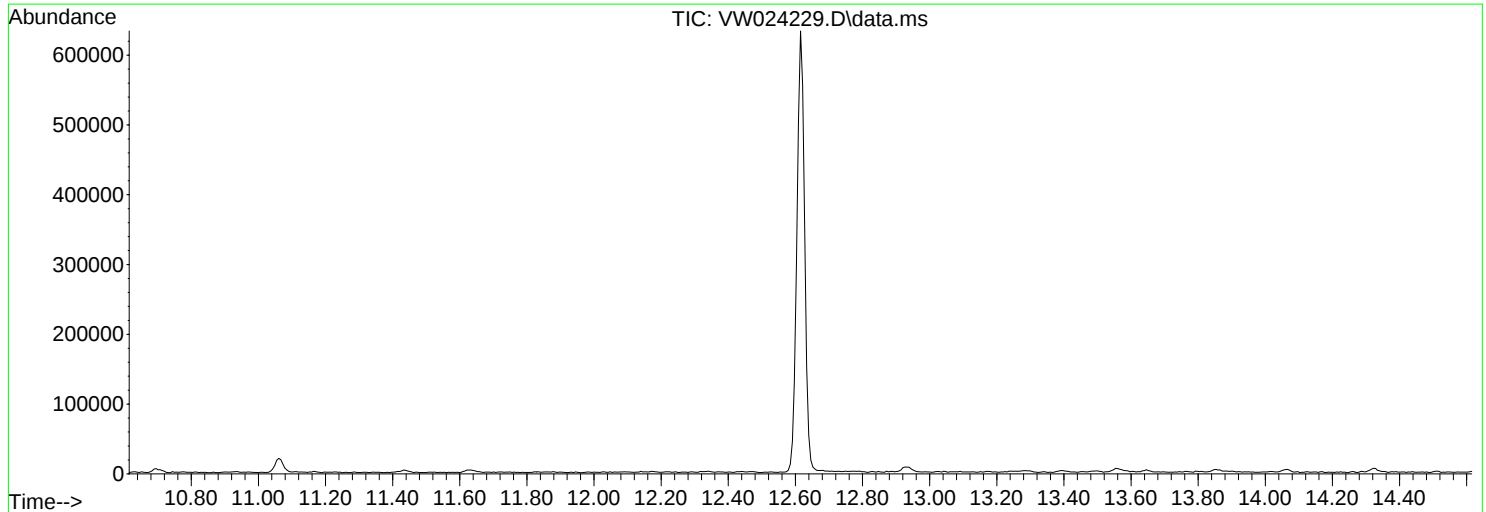


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081222\  
 Data File : VW024229.D  
 Acq On : 12 Aug 2022 10:41  
 Operator : SY/VA  
 Sample : BFB408  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB408

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Title : SFAM01.0  
 Last Update : Fri Aug 12 23:04:35 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              | 19.8         | 21093      | PASS                |
| 75             | 95              | 30              | 80              | 54.2         | 57597      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 106328     | PASS                |
| 96             | 95              | 5               | 9               | 6.5          | 6900       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 81.4         | 86512      | PASS                |
| 175            | 174             | 5               | 9               | 8.3          | 7173       | PASS                |
| 176            | 174             | 95              | 105             | 99.9         | 86403      | PASS                |
| 177            | 176             | 5               | 10              | 6.1          | 5313       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 198.0     |
| 37.20  | 52.0      |
| 38.20  | 186.0     |
| 39.10  | 140.0     |
| 39.90  | 307.0     |
| 42.30  | 110.0     |
| 44.10  | 200.0     |
| 44.70  | 70.0      |
| 45.20  | 122.0     |
| 46.10  | 62.0      |
| 46.70  | 52.0      |
| 50.20  | 96.0      |
| 50.80  | 80.0      |
| 52.90  | 91.0      |
| 54.40  | 92.0      |
| 56.20  | 66.0      |
| 56.90  | 72.0      |
| 58.50  | 57.0      |
| 59.10  | 53.0      |
| 63.90  | 50.0      |
| 78.90  | 59.0      |
| 80.30  | 53.0      |
| 93.50  | 61.0      |
| 121.00 | 118.0     |
| 188.90 | 57.0      |
| 208.00 | 58.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1379.0    |
| 37.00  | 5706.0    |
| 38.00  | 4965.0    |
| 39.00  | 2357.0    |
| 40.00  | 509.0     |
| 40.90  | 89.0      |
| 42.00  | 94.0      |
| 42.90  | 130.0     |
| 44.00  | 863.0     |
| 45.00  | 1120.0    |
| 46.00  | 150.0     |
| 47.00  | 1060.0    |
| 48.00  | 803.0     |
| 49.00  | 4659.0    |
| 50.00  | 21176.0   |
| 51.00  | 5913.0    |
| 52.00  | 286.0     |
| 52.90  | 252.0     |
| 53.90  | 148.0     |
| 54.90  | 396.0     |
| 56.10  | 2284.0    |
| 57.00  | 3687.0    |
| 58.30  | 152.0     |
| 60.10  | 1371.0    |
| 61.00  | 5698.0    |
| 62.00  | 5958.0    |
| 63.00  | 5635.0    |
| 64.10  | 793.0     |
| 65.00  | 907.0     |
| 65.90  | 243.0     |
| 66.90  | 254.0     |
| 68.00  | 11393.0   |
| 69.00  | 11023.0   |
| 70.00  | 1287.0    |
| 71.90  | 555.0     |
| 73.00  | 6579.0    |
| 74.00  | 19144.0   |
| 75.00  | 51640.0   |
| 76.00  | 4473.0    |
| 77.20  | 570.0     |
| 77.90  | 431.0     |
| 78.90  | 5718.0    |
| 79.90  | 1457.0    |
| 80.90  | 5530.0    |
| 81.90  | 1468.0    |
| 83.10  | 332.0     |
| 84.00  | 50.0      |
| 86.00  | 288.0     |
| 87.00  | 3863.0    |
| 88.00  | 4795.0    |
| 89.80  | 56.0      |
| 91.00  | 603.0     |
| 92.00  | 2690.0    |
| 93.00  | 4990.0    |
| 94.00  | 13422.0   |
| 95.00  | 92288.0   |
| 96.00  | 5977.0    |
| 97.00  | 212.0     |
| 100.10 | 95.0      |
| 102.70 | 76.0      |
| 103.90 | 696.0     |
| 105.00 | 234.0     |
| 105.80 | 487.0     |
| 106.90 | 332.0     |
| 109.90 | 205.0     |
| 111.00 | 207.0     |
| 111.80 | 201.0     |
| 112.40 | 117.0     |
| 112.80 | 163.0     |
| 114.90 | 187.0     |
| 115.90 | 449.0     |
| 117.00 | 1128.0    |
| 117.70 | 385.0     |
| 118.80 | 775.0     |
| 120.20 | 110.0     |
| 124.80 | 151.0     |
| 125.10 | 146.0     |
| 126.80 | 129.0     |
| 128.00 | 395.0     |
| 129.00 | 256.0     |
| 130.00 | 377.0     |
| 130.90 | 225.0     |
| 132.80 | 240.0     |
| 135.00 | 249.0     |
| 137.00 | 245.0     |
| 139.10 | 104.0     |
| 140.10 | 148.0     |
| 141.00 | 1225.0    |
| 141.90 | 203.0     |
| 142.90 | 1682.0    |
| 144.10 | 91.0      |
| 145.00 | 566.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

|        |         |
|--------|---------|
| 146.00 | 318.0   |
| 146.80 | 79.0    |
| 147.40 | 79.0    |
| 148.00 | 404.0   |
| 148.90 | 56.0    |
| 149.80 | 110.0   |
| 151.70 | 92.0    |
| 152.90 | 63.0    |
| 154.80 | 244.0   |
| 157.00 | 246.0   |
| 158.90 | 154.0   |
| 161.10 | 206.0   |
| 163.10 | 98.0    |
| 169.00 | 51.0    |
| 170.10 | 142.0   |
| 171.00 | 489.0   |
| 172.00 | 1228.0  |
| 174.00 | 74952.0 |
| 175.00 | 5881.0  |
| 176.00 | 69024.0 |
| 177.00 | 4318.0  |
| 178.00 | 273.0   |
| 178.90 | 124.0   |
| 191.10 | 172.0   |
| 192.30 | 79.0    |
| 192.90 | 373.0   |
| 194.30 | 63.0    |
| 204.50 | 53.0    |
| 206.70 | 57.0    |
| 207.90 | 53.0    |
| 246.90 | 93.0    |
| 248.80 | 120.0   |
| 249.20 | 89.0    |
| 250.90 | 90.0    |
| 251.30 | 81.0    |
| 264.80 | 261.0   |
| 265.40 | 224.0   |
| 266.30 | 184.0   |
| 266.90 | 78.0    |
| 267.30 | 87.0    |
| 279.80 | 192.0   |
| 281.10 | 2036.0  |
| 282.20 | 671.0   |
| 283.10 | 367.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1346.0    |
| 37.00  | 6476.0    |
| 38.00  | 7331.0    |
| 39.10  | 2775.0    |
| 39.90  | 421.0     |
| 41.40  | 128.0     |
| 41.90  | 129.0     |
| 42.90  | 95.0      |
| 44.10  | 987.0     |
| 45.00  | 1363.0    |
| 46.00  | 242.0     |
| 47.00  | 1576.0    |
| 47.90  | 890.0     |
| 49.00  | 5631.0    |
| 50.00  | 22768.0   |
| 51.00  | 7721.0    |
| 52.00  | 384.0     |
| 52.90  | 214.0     |
| 54.80  | 348.0     |
| 55.20  | 321.0     |
| 56.00  | 2498.0    |
| 57.00  | 4064.0    |
| 58.00  | 301.0     |
| 60.00  | 1154.0    |
| 61.00  | 6412.0    |
| 62.10  | 6515.0    |
| 63.10  | 5945.0    |
| 64.00  | 770.0     |
| 65.10  | 743.0     |
| 66.00  | 93.0      |
| 67.10  | 364.0     |
| 68.00  | 13424.0   |
| 69.10  | 12923.0   |
| 70.10  | 1004.0    |
| 70.90  | 108.0     |
| 72.10  | 760.0     |
| 73.10  | 5934.0    |
| 74.00  | 23216.0   |
| 75.00  | 64352.0   |
| 76.10  | 5437.0    |
| 77.10  | 858.0     |
| 77.90  | 487.0     |
| 78.90  | 6428.0    |
| 79.90  | 1709.0    |
| 81.00  | 6659.0    |
| 81.90  | 1484.0    |
| 83.00  | 199.0     |
| 85.00  | 73.0      |
| 85.30  | 80.0      |
| 86.00  | 152.0     |
| 87.00  | 5553.0    |
| 87.90  | 4598.0    |
| 90.80  | 703.0     |
| 92.00  | 4121.0    |
| 93.10  | 6157.0    |
| 94.00  | 16229.0   |
| 95.00  | 124248.0  |
| 96.10  | 7338.0    |
| 97.10  | 134.0     |
| 103.90 | 932.0     |
| 104.90 | 234.0     |
| 106.00 | 554.0     |
| 107.10 | 188.0     |
| 108.20 | 83.0      |
| 110.10 | 246.0     |
| 110.70 | 308.0     |
| 111.90 | 255.0     |
| 112.90 | 183.0     |
| 114.80 | 117.0     |
| 115.80 | 495.0     |
| 117.00 | 1075.0    |
| 117.90 | 928.0     |
| 119.00 | 848.0     |
| 120.20 | 54.0      |
| 122.00 | 61.0      |
| 124.10 | 110.0     |
| 124.80 | 135.0     |
| 126.10 | 76.0      |
| 126.80 | 61.0      |
| 127.80 | 535.0     |
| 129.10 | 242.0     |
| 130.00 | 563.0     |
| 130.90 | 142.0     |
| 133.00 | 153.0     |
| 133.60 | 116.0     |
| 134.90 | 413.0     |
| 136.90 | 318.0     |
| 137.70 | 158.0     |
| 141.00 | 1570.0    |
| 142.90 | 1893.0    |
| 143.90 | 92.0      |
| 144.90 | 660.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

|        |         |
|--------|---------|
| 145.50 | 216.0   |
| 146.00 | 216.0   |
| 147.00 | 197.0   |
| 147.70 | 314.0   |
| 148.90 | 99.0    |
| 149.80 | 207.0   |
| 151.90 | 111.0   |
| 153.10 | 257.0   |
| 153.90 | 107.0   |
| 154.90 | 330.0   |
| 155.80 | 119.0   |
| 156.90 | 221.0   |
| 157.70 | 64.0    |
| 158.80 | 90.0    |
| 160.30 | 82.0    |
| 160.90 | 181.0   |
| 163.10 | 68.0    |
| 169.60 | 66.0    |
| 170.30 | 109.0   |
| 171.10 | 410.0   |
| 172.00 | 1760.0  |
| 174.00 | 97528.0 |
| 175.00 | 8789.0  |
| 176.00 | 95432.0 |
| 176.90 | 5430.0  |
| 177.90 | 218.0   |
| 191.10 | 218.0   |
| 192.70 | 177.0   |
| 193.30 | 261.0   |
| 195.00 | 51.0    |
| 206.70 | 56.0    |
| 207.20 | 110.0   |
| 246.90 | 121.0   |
| 248.80 | 97.0    |
| 251.30 | 100.0   |
| 265.10 | 259.0   |
| 266.20 | 55.0    |
| 267.30 | 62.0    |
| 281.10 | 1578.0  |
| 282.20 | 374.0   |
| 282.90 | 271.0   |
| 283.80 | 65.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 959.0     |
| 37.00  | 5323.0    |
| 38.00  | 4937.0    |
| 39.00  | 1743.0    |
| 39.90  | 307.0     |
| 40.10  | 305.0     |
| 40.90  | 98.0      |
| 41.50  | 69.0      |
| 43.10  | 221.0     |
| 44.00  | 922.0     |
| 44.90  | 1071.0    |
| 46.10  | 263.0     |
| 47.00  | 1184.0    |
| 48.10  | 679.0     |
| 49.10  | 4415.0    |
| 50.00  | 19624.0   |
| 51.00  | 5882.0    |
| 52.10  | 427.0     |
| 52.90  | 196.0     |
| 55.00  | 475.0     |
| 56.00  | 1578.0    |
| 57.00  | 3166.0    |
| 58.00  | 159.0     |
| 60.00  | 1034.0    |
| 61.00  | 6068.0    |
| 62.00  | 5464.0    |
| 63.10  | 4419.0    |
| 64.00  | 766.0     |
| 65.10  | 598.0     |
| 65.90  | 99.0      |
| 67.00  | 462.0     |
| 68.10  | 11203.0   |
| 69.00  | 11263.0   |
| 69.90  | 1128.0    |
| 70.90  | 83.0      |
| 72.00  | 686.0     |
| 73.00  | 5343.0    |
| 74.10  | 20360.0   |
| 75.00  | 56800.0   |
| 76.00  | 4698.0    |
| 76.90  | 579.0     |
| 77.80  | 332.0     |
| 79.00  | 5578.0    |
| 80.00  | 1253.0    |
| 80.90  | 5700.0    |
| 82.00  | 1213.0    |
| 83.10  | 165.0     |
| 85.90  | 163.0     |
| 86.90  | 4407.0    |
| 88.00  | 4379.0    |
| 91.00  | 636.0     |
| 92.00  | 3642.0    |
| 93.00  | 5262.0    |
| 94.10  | 14311.0   |
| 95.00  | 102448.0  |
| 96.00  | 7384.0    |
| 97.20  | 178.0     |
| 98.70  | 68.0      |
| 102.60 | 116.0     |
| 103.80 | 633.0     |
| 104.80 | 232.0     |
| 105.90 | 588.0     |
| 106.90 | 159.0     |
| 108.10 | 108.0     |
| 109.60 | 131.0     |
| 110.00 | 121.0     |
| 111.10 | 106.0     |
| 112.00 | 191.0     |
| 112.80 | 266.0     |
| 115.00 | 220.0     |
| 115.90 | 665.0     |
| 116.90 | 1184.0    |
| 117.90 | 540.0     |
| 118.90 | 959.0     |
| 121.90 | 51.0      |
| 124.10 | 138.0     |
| 125.00 | 60.0      |
| 126.10 | 99.0      |
| 127.70 | 466.0     |
| 129.10 | 201.0     |
| 129.80 | 570.0     |
| 130.80 | 206.0     |
| 134.20 | 53.0      |
| 134.80 | 170.0     |
| 135.10 | 167.0     |
| 136.90 | 320.0     |
| 137.60 | 77.0      |
| 138.10 | 95.0      |
| 139.20 | 76.0      |
| 139.90 | 82.0      |
| 141.00 | 1859.0    |
| 141.60 | 213.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB408

|        |         |
|--------|---------|
| 142.10 | 253.0   |
| 142.90 | 1673.0  |
| 144.90 | 373.0   |
| 145.60 | 143.0   |
| 146.00 | 135.0   |
| 146.80 | 130.0   |
| 147.70 | 248.0   |
| 149.90 | 221.0   |
| 150.80 | 60.0    |
| 151.90 | 182.0   |
| 152.90 | 143.0   |
| 153.90 | 110.0   |
| 155.00 | 261.0   |
| 155.70 | 116.0   |
| 156.80 | 283.0   |
| 158.80 | 178.0   |
| 161.00 | 340.0   |
| 169.50 | 108.0   |
| 170.80 | 289.0   |
| 172.00 | 1239.0  |
| 173.90 | 87056.0 |
| 175.00 | 6850.0  |
| 176.00 | 94752.0 |
| 177.00 | 6192.0  |
| 177.90 | 142.0   |
| 180.90 | 59.0    |
| 192.80 | 93.0    |
| 193.20 | 89.0    |
| 263.20 | 72.0    |
| 265.00 | 122.0   |
| 266.20 | 57.0    |
| 281.10 | 799.0   |
| 282.20 | 208.0   |
| 283.00 | 131.0   |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB408