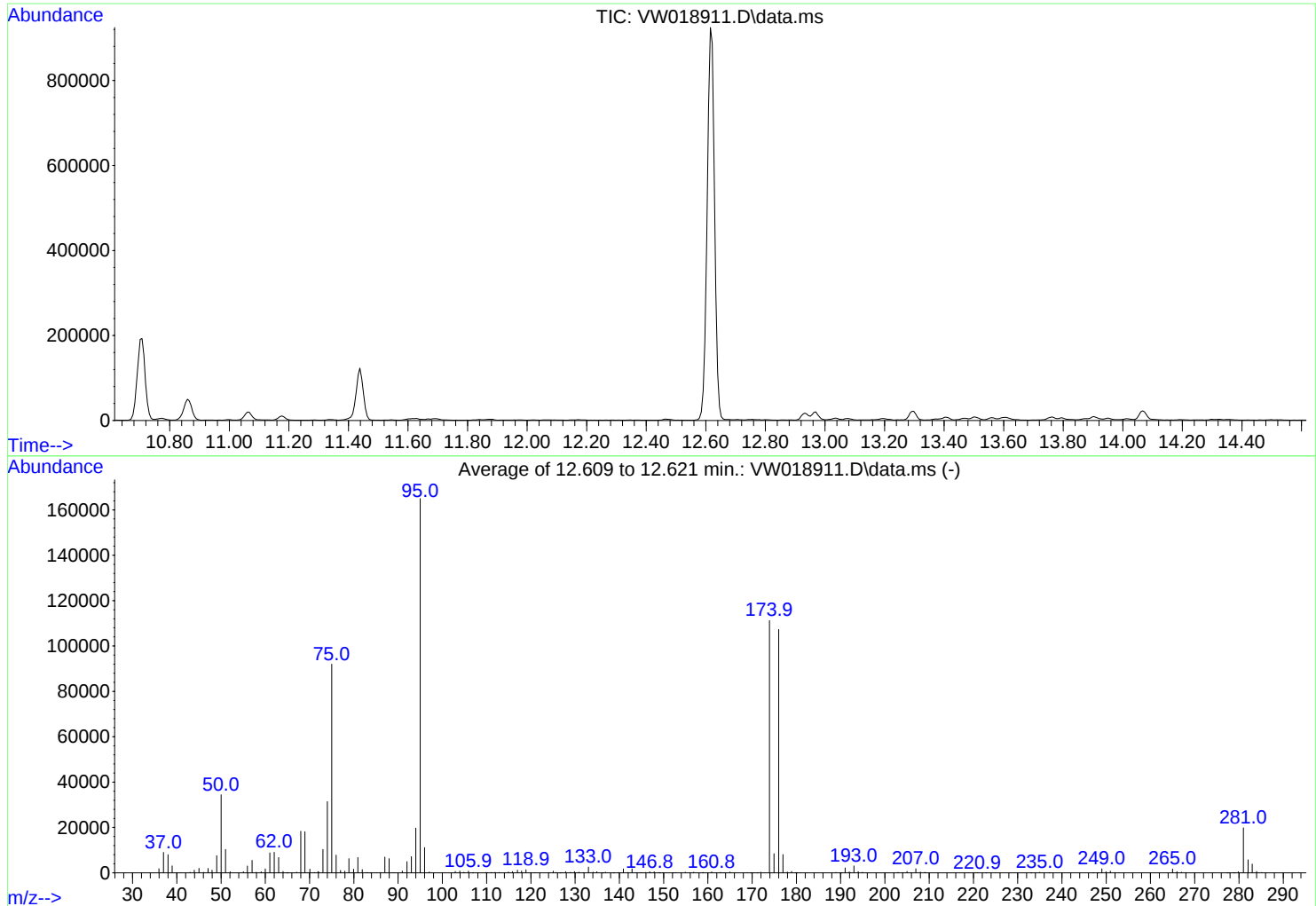


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050421\  
 Data File : VW018911.D  
 Acq On : 04 May 2021 09:04  
 Operator : SY/VA  
 Sample : BFB19  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB119

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Title : SFAM01.0  
 Last Update : Thu May 06 01:11:01 2021



AutoFind: Scans 1756, 1757, 1758; Background Corrected with Scan 1749

| 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              | 20.9         | 34424      | PASS                |
| 75             | 95              | 30              | 80              | 55.8         | 91997      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 164992     | PASS                |
| 96             | 95              | 5               | 9               | 6.8          | 11167      | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 67.4         | 111232     | PASS                |
| 175            | 174             | 5               | 9               | 7.6          | 8427       | PASS                |
| 176            | 174             | 95              | 105             | 96.5         | 107285     | PASS                |
| 177            | 176             | 5               | 10              | 7.5          | 8086       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 1807.0    |
| 37.00  | 9922.0    |
| 38.00  | 8492.0    |
| 39.00  | 3415.0    |
| 40.00  | 308.0     |
| 41.10  | 159.0     |
| 42.90  | 366.0     |
| 44.00  | 1709.0    |
| 45.00  | 2318.0    |
| 46.00  | 154.0     |
| 46.20  | 157.0     |
| 47.00  | 2232.0    |
| 48.00  | 1447.0    |
| 49.00  | 8099.0    |
| 50.00  | 38632.0   |
| 51.00  | 11461.0   |
| 52.00  | 566.0     |
| 55.00  | 501.0     |
| 56.00  | 3559.0    |
| 57.00  | 6490.0    |
| 58.00  | 284.0     |
| 59.00  | 521.0     |
| 60.00  | 1943.0    |
| 61.00  | 9879.0    |
| 62.00  | 10062.0   |
| 63.00  | 7573.0    |
| 64.00  | 647.0     |
| 65.20  | 121.0     |
| 67.10  | 428.0     |
| 68.00  | 21024.0   |
| 69.00  | 20792.0   |
| 70.00  | 1693.0    |
| 71.00  | 150.0     |
| 72.10  | 943.0     |
| 73.00  | 11230.0   |
| 74.00  | 35416.0   |
| 75.00  | 102312.0  |
| 76.00  | 8669.0    |
| 77.00  | 1313.0    |
| 78.00  | 595.0     |
| 78.90  | 6891.0    |
| 80.00  | 1695.0    |
| 80.90  | 7693.0    |
| 81.90  | 1568.0    |
| 82.90  | 253.0     |
| 85.00  | 61.0      |
| 86.10  | 199.0     |
| 87.00  | 7845.0    |
| 87.90  | 6667.0    |
| 89.20  | 101.0     |
| 91.00  | 766.0     |
| 92.00  | 5579.0    |
| 93.00  | 7667.0    |
| 94.00  | 20432.0   |
| 95.00  | 181504.0  |
| 96.00  | 12312.0   |
| 97.10  | 480.0     |
| 102.90 | 550.0     |
| 103.80 | 940.0     |
| 104.80 | 386.0     |
| 105.90 | 871.0     |
| 107.00 | 240.0     |
| 109.70 | 188.0     |
| 110.20 | 209.0     |
| 111.00 | 267.0     |
| 111.80 | 231.0     |
| 112.80 | 128.0     |
| 114.90 | 455.0     |
| 115.80 | 607.0     |
| 116.90 | 1290.0    |
| 117.90 | 742.0     |
| 118.90 | 1681.0    |
| 120.00 | 130.0     |
| 121.00 | 111.0     |
| 124.00 | 115.0     |
| 125.10 | 886.0     |
| 125.80 | 329.0     |
| 127.00 | 65.0      |
| 127.80 | 656.0     |
| 129.00 | 273.0     |
| 129.80 | 743.0     |
| 130.90 | 303.0     |
| 131.80 | 72.0      |
| 133.00 | 2448.0    |
| 134.90 | 617.0     |
| 136.20 | 75.0      |
| 136.90 | 289.0     |
| 138.70 | 59.0      |
| 139.80 | 196.0     |
| 140.90 | 2063.0    |
| 141.90 | 261.0     |
| 142.80 | 1748.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119

|        |          |
|--------|----------|
| 143.80 | 133.0    |
| 144.80 | 215.0    |
| 146.00 | 299.0    |
| 146.90 | 478.0    |
| 147.90 | 475.0    |
| 148.90 | 191.0    |
| 149.90 | 152.0    |
| 152.80 | 59.0     |
| 153.90 | 133.0    |
| 154.80 | 446.0    |
| 155.90 | 75.0     |
| 156.80 | 299.0    |
| 158.70 | 259.0    |
| 160.90 | 444.0    |
| 161.80 | 128.0    |
| 163.00 | 384.0    |
| 163.80 | 139.0    |
| 164.90 | 419.0    |
| 168.90 | 59.0     |
| 169.80 | 59.0     |
| 170.50 | 52.0     |
| 171.90 | 237.0    |
| 173.90 | 108784.0 |
| 174.90 | 8344.0   |
| 176.00 | 117928.0 |
| 176.90 | 8753.0   |
| 177.90 | 319.0    |
| 178.90 | 552.0    |
| 179.70 | 98.0     |
| 189.00 | 223.0    |
| 191.00 | 2237.0   |
| 191.80 | 322.0    |
| 192.20 | 325.0    |
| 193.00 | 3169.0   |
| 193.90 | 561.0    |
| 195.00 | 382.0    |
| 196.10 | 81.0     |
| 203.10 | 403.0    |
| 204.00 | 95.0     |
| 205.00 | 628.0    |
| 207.00 | 2056.0   |
| 208.00 | 444.0    |
| 209.00 | 329.0    |
| 218.90 | 64.0     |
| 220.90 | 115.0    |
| 233.00 | 54.0     |
| 235.00 | 310.0    |
| 248.10 | 105.0    |
| 249.00 | 2387.0   |
| 249.90 | 486.0    |
| 250.90 | 1089.0   |
| 251.90 | 151.0    |
| 252.90 | 64.0     |
| 265.00 | 1712.0   |
| 265.90 | 506.0    |
| 267.00 | 350.0    |
| 268.00 | 141.0    |
| 278.70 | 162.0    |
| 279.20 | 249.0    |
| 279.80 | 458.0    |
| 281.00 | 24720.0  |
| 282.10 | 6128.0   |
| 283.00 | 4183.0   |
| 283.90 | 448.0    |
| 285.20 | 190.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1805.0    |
| 37.00  | 7936.0    |
| 38.00  | 7634.0    |
| 39.00  | 2702.0    |
| 40.10  | 285.0     |
| 40.90  | 157.0     |
| 43.10  | 400.0     |
| 44.00  | 1368.0    |
| 45.00  | 1971.0    |
| 46.10  | 300.0     |
| 47.10  | 1612.0    |
| 47.90  | 886.0     |
| 49.00  | 6272.0    |
| 50.00  | 30496.0   |
| 51.00  | 9138.0    |
| 52.00  | 383.0     |
| 55.10  | 478.0     |
| 56.00  | 2495.0    |
| 57.00  | 4949.0    |
| 57.90  | 225.0     |
| 59.10  | 830.0     |
| 60.00  | 1581.0    |
| 61.00  | 7393.0    |
| 62.00  | 7762.0    |
| 63.00  | 5801.0    |
| 64.00  | 580.0     |
| 65.10  | 185.0     |
| 68.00  | 16250.0   |
| 69.00  | 15680.0   |
| 70.00  | 1326.0    |
| 71.00  | 189.0     |
| 71.90  | 734.0     |
| 73.00  | 10322.0   |
| 74.00  | 26896.0   |
| 75.00  | 78632.0   |
| 76.00  | 6899.0    |
| 77.00  | 983.0     |
| 77.90  | 758.0     |
| 78.90  | 5344.0    |
| 80.00  | 1442.0    |
| 80.90  | 5793.0    |
| 81.90  | 1370.0    |
| 82.80  | 141.0     |
| 83.20  | 113.0     |
| 83.70  | 64.0      |
| 85.20  | 88.0      |
| 86.00  | 143.0     |
| 87.00  | 5877.0    |
| 88.00  | 5284.0    |
| 88.70  | 397.0     |
| 91.00  | 755.0     |
| 92.00  | 4020.0    |
| 93.00  | 6300.0    |
| 94.00  | 17224.0   |
| 95.00  | 138944.0  |
| 96.00  | 9648.0    |
| 97.10  | 351.0     |
| 102.90 | 948.0     |
| 104.00 | 694.0     |
| 104.80 | 408.0     |
| 105.90 | 549.0     |
| 106.80 | 117.0     |
| 109.90 | 305.0     |
| 111.00 | 386.0     |
| 112.00 | 325.0     |
| 112.80 | 168.0     |
| 114.80 | 384.0     |
| 115.90 | 441.0     |
| 117.00 | 1002.0    |
| 117.90 | 1041.0    |
| 118.90 | 1306.0    |
| 120.00 | 164.0     |
| 120.90 | 124.0     |
| 124.20 | 167.0     |
| 125.10 | 946.0     |
| 126.60 | 74.0      |
| 127.00 | 79.0      |
| 127.90 | 548.0     |
| 128.90 | 269.0     |
| 130.00 | 369.0     |
| 130.80 | 335.0     |
| 131.90 | 148.0     |
| 133.00 | 3826.0    |
| 134.10 | 620.0     |
| 134.90 | 606.0     |
| 136.90 | 376.0     |
| 139.80 | 219.0     |
| 140.90 | 1185.0    |
| 142.90 | 1496.0    |
| 143.80 | 86.0      |
| 145.10 | 132.0     |
| 145.90 | 147.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119

|        |         |
|--------|---------|
| 146.80 | 807.0   |
| 147.90 | 506.0   |
| 148.90 | 198.0   |
| 149.80 | 126.0   |
| 150.00 | 130.0   |
| 152.80 | 106.0   |
| 154.90 | 290.0   |
| 156.90 | 258.0   |
| 159.00 | 249.0   |
| 160.80 | 438.0   |
| 162.00 | 91.0    |
| 162.80 | 465.0   |
| 163.50 | 142.0   |
| 165.10 | 480.0   |
| 169.90 | 64.0    |
| 170.50 | 57.0    |
| 172.00 | 327.0   |
| 173.90 | 91024.0 |
| 174.90 | 6726.0  |
| 176.00 | 77568.0 |
| 177.00 | 6914.0  |
| 178.00 | 439.0   |
| 178.90 | 916.0   |
| 179.90 | 214.0   |
| 181.00 | 164.0   |
| 188.90 | 285.0   |
| 190.10 | 113.0   |
| 191.00 | 3172.0  |
| 192.00 | 948.0   |
| 193.00 | 4349.0  |
| 194.00 | 847.0   |
| 194.80 | 492.0   |
| 196.10 | 67.0    |
| 202.90 | 383.0   |
| 204.00 | 138.0   |
| 205.00 | 900.0   |
| 205.90 | 229.0   |
| 207.00 | 2349.0  |
| 208.00 | 439.0   |
| 209.00 | 387.0   |
| 218.80 | 142.0   |
| 220.80 | 120.0   |
| 222.80 | 60.0    |
| 235.00 | 238.0   |
| 235.90 | 73.0    |
| 237.10 | 84.0    |
| 249.00 | 2135.0  |
| 250.00 | 731.0   |
| 251.00 | 820.0   |
| 252.00 | 182.0   |
| 252.90 | 124.0   |
| 265.00 | 2490.0  |
| 266.10 | 665.0   |
| 267.00 | 433.0   |
| 268.00 | 224.0   |
| 277.30 | 61.0    |
| 277.80 | 74.0    |
| 278.60 | 185.0   |
| 279.90 | 817.0   |
| 281.00 | 24104.0 |
| 282.00 | 8383.0  |
| 283.00 | 5059.0  |
| 284.10 | 1011.0  |
| 285.20 | 285.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119

| m/z   | Abundance |
|-------|-----------|
| 36.20 | 62.0      |
| 38.80 | 58.0      |
| 39.90 | 210.0     |
| 41.10 | 166.0     |
| 43.00 | 59.0      |
| 43.90 | 347.0     |
| 55.90 | 98.0      |
| 57.00 | 148.0     |
| 59.10 | 70.0      |
| 68.90 | 103.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1771.0    |
| 37.00  | 9203.0    |
| 38.00  | 7892.0    |
| 39.00  | 3321.0    |
| 40.10  | 268.0     |
| 41.20  | 83.0      |
| 42.90  | 234.0     |
| 44.00  | 1445.0    |
| 45.00  | 1726.0    |
| 46.10  | 196.0     |
| 47.10  | 1954.0    |
| 48.00  | 1260.0    |
| 49.00  | 8352.0    |
| 50.00  | 34144.0   |
| 51.00  | 10406.0   |
| 52.10  | 504.0     |
| 55.10  | 560.0     |
| 56.00  | 3259.0    |
| 57.00  | 5463.0    |
| 57.90  | 224.0     |
| 59.00  | 360.0     |
| 60.00  | 1735.0    |
| 61.00  | 9146.0    |
| 62.00  | 9484.0    |
| 63.00  | 6839.0    |
| 64.00  | 725.0     |
| 64.90  | 54.0      |
| 67.00  | 554.0     |
| 68.00  | 17720.0   |
| 69.00  | 18384.0   |
| 70.10  | 1870.0    |
| 71.10  | 159.0     |
| 71.90  | 1039.0    |
| 73.00  | 9537.0    |
| 74.00  | 31872.0   |
| 75.00  | 95048.0   |
| 76.00  | 7831.0    |
| 77.00  | 1001.0    |
| 78.00  | 877.0     |
| 78.90  | 6611.0    |
| 79.90  | 1813.0    |
| 80.90  | 6873.0    |
| 81.90  | 1480.0    |
| 82.80  | 172.0     |
| 83.10  | 160.0     |
| 86.00  | 247.0     |
| 87.00  | 7156.0    |
| 87.90  | 6819.0    |
| 89.20  | 60.0      |
| 90.90  | 874.0     |
| 92.00  | 5280.0    |
| 93.00  | 7376.0    |
| 94.00  | 21520.0   |
| 95.00  | 174528.0  |
| 96.00  | 11540.0   |
| 97.00  | 323.0     |
| 102.90 | 409.0     |
| 104.00 | 851.0     |
| 105.00 | 282.0     |
| 105.90 | 821.0     |
| 107.00 | 131.0     |
| 109.80 | 139.0     |
| 110.20 | 114.0     |
| 111.20 | 242.0     |
| 112.00 | 162.0     |
| 112.90 | 205.0     |
| 115.00 | 321.0     |
| 115.90 | 716.0     |
| 116.90 | 1253.0    |
| 117.90 | 675.0     |
| 118.90 | 1136.0    |
| 123.90 | 70.0      |
| 124.90 | 471.0     |
| 125.60 | 273.0     |
| 127.10 | 63.0      |
| 127.90 | 580.0     |
| 129.00 | 227.0     |
| 129.90 | 658.0     |
| 130.80 | 325.0     |
| 131.80 | 68.0      |
| 133.00 | 1495.0    |
| 134.00 | 329.0     |
| 135.00 | 383.0     |
| 136.80 | 301.0     |
| 139.80 | 132.0     |
| 140.90 | 1946.0    |
| 141.90 | 251.0     |
| 142.90 | 1961.0    |
| 143.90 | 181.0     |
| 144.80 | 199.0     |
| 145.90 | 212.0     |
| 146.70 | 208.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119

|        |          |
|--------|----------|
| 147.80 | 514.0    |
| 149.10 | 78.0     |
| 150.00 | 162.0    |
| 152.00 | 102.0    |
| 152.70 | 123.0    |
| 153.90 | 137.0    |
| 155.00 | 305.0    |
| 155.90 | 64.0     |
| 156.70 | 314.0    |
| 158.90 | 278.0    |
| 160.90 | 405.0    |
| 162.90 | 180.0    |
| 163.90 | 88.0     |
| 164.90 | 221.0    |
| 168.90 | 76.0     |
| 169.60 | 60.0     |
| 170.30 | 112.0    |
| 171.10 | 114.0    |
| 171.90 | 376.0    |
| 173.90 | 133888.0 |
| 175.00 | 10212.0  |
| 176.00 | 126360.0 |
| 177.00 | 8591.0   |
| 178.00 | 340.0    |
| 179.00 | 334.0    |
| 180.10 | 95.0     |
| 189.00 | 96.0     |
| 189.80 | 53.0     |
| 191.10 | 1141.0   |
| 193.00 | 1688.0   |
| 193.90 | 359.0    |
| 195.00 | 130.0    |
| 202.90 | 262.0    |
| 205.00 | 273.0    |
| 205.80 | 63.0     |
| 206.90 | 1102.0   |
| 207.90 | 279.0    |
| 209.20 | 151.0    |
| 221.00 | 70.0     |
| 234.90 | 173.0    |
| 236.00 | 52.0     |
| 247.00 | 55.0     |
| 249.10 | 889.0    |
| 249.90 | 293.0    |
| 250.90 | 450.0    |
| 251.90 | 118.0    |
| 252.90 | 78.0     |
| 265.10 | 951.0    |
| 266.00 | 250.0    |
| 266.90 | 223.0    |
| 278.90 | 107.0    |
| 279.80 | 225.0    |
| 281.10 | 10759.0  |
| 282.00 | 2731.0   |
| 283.00 | 2334.0   |
| 283.90 | 415.0    |
| 285.00 | 140.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB119