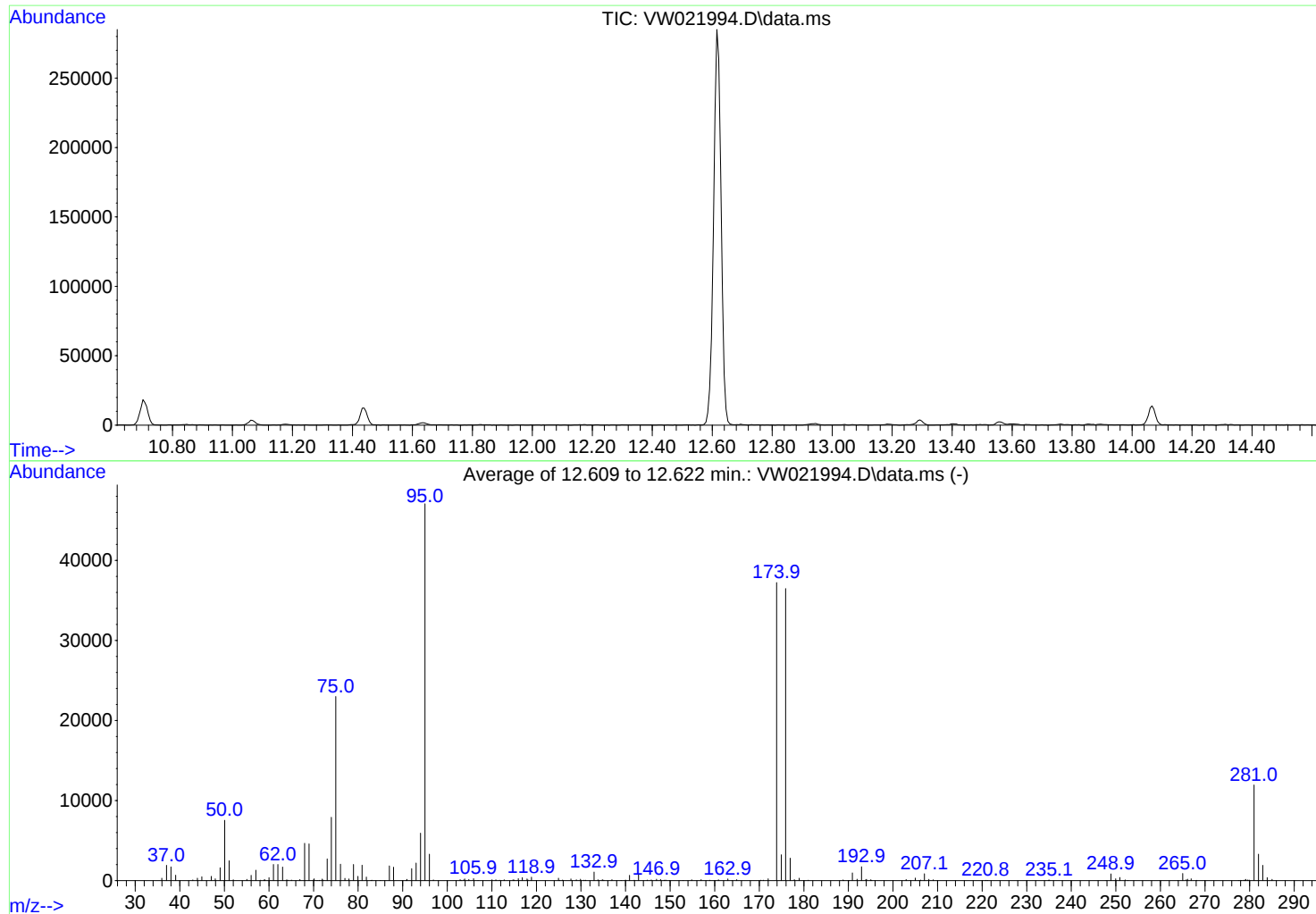


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011922\  
Data File : VW021994.D  
Acq On : 19 Jan 2022 07:53  
Operator : SY/VA  
Sample : BFB505  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
Title : SFAM01.0  
Last Update : Thu Jan 20 00:22:54 2022



AutoFind: Scans 1756, 1757, 1758; Background Corrected with Scan 1750

| 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              | 16.0         | 7543       | PASS                |
| 75             | 95              | 30              | 80              | 48.8         | 22995      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 47075      | PASS                |
| 96             | 95              | 5               | 9               | 7.0          | 3309       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 79.1         | 37232      | PASS                |
| 175            | 174             | 5               | 9               | 8.7          | 3238       | PASS                |
| 176            | 174             | 95              | 105             | 98.0         | 36480      | PASS                |
| 177            | 176             | 5               | 10              | 7.7          | 2806       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 39.90  | 81.0      |
| 41.10  | 73.0      |
| 44.00  | 107.0     |
| 73.20  | 62.0      |
| 132.70 | 67.0      |
| 133.30 | 52.0      |
| 192.80 | 58.0      |
| 281.10 | 105.0     |
| 282.90 | 64.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 272.0     |
| 37.00  | 1625.0    |
| 38.00  | 1592.0    |
| 39.00  | 633.0     |
| 39.90  | 103.0     |
| 42.90  | 160.0     |
| 44.00  | 384.0     |
| 45.00  | 626.0     |
| 47.00  | 479.0     |
| 48.00  | 222.0     |
| 49.10  | 1387.0    |
| 50.00  | 6534.0    |
| 51.00  | 2004.0    |
| 52.00  | 98.0      |
| 55.20  | 159.0     |
| 56.00  | 480.0     |
| 57.10  | 1154.0    |
| 58.10  | 78.0      |
| 58.90  | 260.0     |
| 60.00  | 348.0     |
| 61.00  | 1640.0    |
| 62.00  | 1668.0    |
| 63.00  | 1511.0    |
| 64.00  | 176.0     |
| 65.20  | 91.0      |
| 66.90  | 64.0      |
| 68.00  | 3913.0    |
| 69.00  | 3863.0    |
| 70.00  | 392.0     |
| 70.80  | 51.0      |
| 71.30  | 60.0      |
| 72.20  | 233.0     |
| 73.00  | 2952.0    |
| 74.00  | 6403.0    |
| 75.00  | 19224.0   |
| 76.00  | 1651.0    |
| 77.10  | 255.0     |
| 77.90  | 138.0     |
| 79.00  | 1700.0    |
| 80.00  | 414.0     |
| 80.90  | 1450.0    |
| 81.80  | 422.0     |
| 82.90  | 57.0      |
| 85.00  | 54.0      |
| 87.00  | 1386.0    |
| 87.90  | 1663.0    |
| 90.80  | 167.0     |
| 92.00  | 1334.0    |
| 93.00  | 1685.0    |
| 94.00  | 4783.0    |
| 95.00  | 37080.0   |
| 96.00  | 2614.0    |
| 96.90  | 75.0      |
| 102.90 | 230.0     |
| 103.70 | 268.0     |
| 104.80 | 159.0     |
| 105.90 | 227.0     |
| 110.10 | 108.0     |
| 110.90 | 122.0     |
| 112.10 | 77.0      |
| 112.70 | 82.0      |
| 114.70 | 132.0     |
| 115.00 | 125.0     |
| 115.90 | 238.0     |
| 116.90 | 376.0     |
| 118.00 | 307.0     |
| 118.80 | 394.0     |
| 125.00 | 464.0     |
| 125.80 | 221.0     |
| 127.80 | 220.0     |
| 128.90 | 69.0      |
| 129.90 | 127.0     |
| 131.10 | 71.0      |
| 133.00 | 1762.0    |
| 133.80 | 329.0     |
| 134.80 | 230.0     |
| 136.90 | 90.0      |
| 140.00 | 89.0      |
| 140.90 | 530.0     |
| 142.90 | 480.0     |
| 144.80 | 102.0     |
| 145.70 | 55.0      |
| 146.90 | 232.0     |
| 147.80 | 130.0     |
| 148.70 | 80.0      |
| 152.90 | 62.0      |
| 154.90 | 99.0      |
| 157.00 | 95.0      |
| 160.90 | 144.0     |
| 162.90 | 290.0     |
| 163.90 | 82.0      |
| 164.90 | 207.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

|        |         |
|--------|---------|
| 170.90 | 78.0    |
| 172.00 | 244.0   |
| 173.90 | 27616.0 |
| 174.90 | 2419.0  |
| 175.90 | 28880.0 |
| 177.00 | 2266.0  |
| 177.90 | 121.0   |
| 179.00 | 551.0   |
| 181.00 | 52.0    |
| 188.90 | 133.0   |
| 190.90 | 1386.0  |
| 192.00 | 341.0   |
| 193.00 | 2759.0  |
| 193.90 | 395.0   |
| 195.20 | 171.0   |
| 202.90 | 205.0   |
| 203.90 | 85.0    |
| 205.00 | 422.0   |
| 206.20 | 216.0   |
| 207.10 | 1156.0  |
| 208.10 | 187.0   |
| 209.10 | 154.0   |
| 220.80 | 61.0    |
| 221.20 | 75.0    |
| 234.90 | 181.0   |
| 247.80 | 57.0    |
| 248.90 | 1197.0  |
| 249.90 | 321.0   |
| 250.90 | 454.0   |
| 252.10 | 150.0   |
| 252.70 | 61.0    |
| 265.00 | 1130.0  |
| 266.10 | 401.0   |
| 266.90 | 345.0   |
| 268.10 | 90.0    |
| 277.50 | 78.0    |
| 279.00 | 208.0   |
| 279.60 | 289.0   |
| 281.00 | 15764.0 |
| 282.10 | 4124.0  |
| 283.00 | 2450.0  |
| 283.90 | 498.0   |
| 285.10 | 263.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 374.0     |
| 37.00  | 2185.0    |
| 38.00  | 1802.0    |
| 39.00  | 690.0     |
| 40.00  | 56.0      |
| 42.90  | 101.0     |
| 44.00  | 382.0     |
| 45.00  | 409.0     |
| 47.10  | 566.0     |
| 47.90  | 233.0     |
| 49.10  | 1733.0    |
| 50.00  | 8291.0    |
| 51.10  | 2841.0    |
| 51.90  | 129.0     |
| 55.00  | 186.0     |
| 56.00  | 780.0     |
| 57.00  | 1458.0    |
| 58.10  | 77.0      |
| 59.10  | 155.0     |
| 60.00  | 397.0     |
| 61.00  | 2304.0    |
| 62.00  | 2331.0    |
| 63.10  | 1753.0    |
| 64.20  | 145.0     |
| 65.00  | 67.0      |
| 66.90  | 185.0     |
| 68.00  | 4947.0    |
| 69.00  | 5128.0    |
| 70.20  | 309.0     |
| 71.30  | 51.0      |
| 71.90  | 235.0     |
| 73.00  | 3069.0    |
| 74.00  | 8354.0    |
| 75.00  | 24488.0   |
| 76.00  | 2363.0    |
| 77.10  | 254.0     |
| 78.00  | 263.0     |
| 78.90  | 2352.0    |
| 79.90  | 607.0     |
| 80.90  | 2091.0    |
| 81.90  | 478.0     |
| 83.10  | 95.0      |
| 87.00  | 2299.0    |
| 88.00  | 1723.0    |
| 91.00  | 229.0     |
| 92.00  | 1583.0    |
| 93.00  | 2466.0    |
| 94.00  | 6754.0    |
| 95.00  | 52296.0   |
| 96.00  | 3621.0    |
| 96.90  | 90.0      |
| 102.90 | 174.0     |
| 103.90 | 391.0     |
| 104.80 | 129.0     |
| 106.00 | 282.0     |
| 106.90 | 52.0      |
| 110.00 | 119.0     |
| 110.90 | 156.0     |
| 111.80 | 130.0     |
| 112.80 | 145.0     |
| 114.80 | 94.0      |
| 115.10 | 103.0     |
| 116.00 | 276.0     |
| 116.80 | 437.0     |
| 117.80 | 348.0     |
| 118.90 | 467.0     |
| 124.90 | 462.0     |
| 126.00 | 103.0     |
| 127.80 | 251.0     |
| 129.00 | 102.0     |
| 130.00 | 206.0     |
| 130.70 | 76.0      |
| 131.00 | 81.0      |
| 132.90 | 925.0     |
| 134.80 | 165.0     |
| 136.90 | 139.0     |
| 140.00 | 91.0      |
| 140.90 | 757.0     |
| 142.00 | 69.0      |
| 142.90 | 720.0     |
| 144.80 | 63.0      |
| 145.80 | 93.0      |
| 147.00 | 180.0     |
| 147.90 | 185.0     |
| 148.60 | 88.0      |
| 149.00 | 126.0     |
| 154.80 | 118.0     |
| 157.00 | 137.0     |
| 158.90 | 86.0      |
| 160.90 | 93.0      |
| 163.00 | 247.0     |
| 165.00 | 125.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

|        |         |
|--------|---------|
| 170.30 | 87.0    |
| 171.90 | 213.0   |
| 173.90 | 42608.0 |
| 175.00 | 3448.0  |
| 175.90 | 41608.0 |
| 176.90 | 3173.0  |
| 177.80 | 135.0   |
| 178.90 | 251.0   |
| 181.00 | 89.0    |
| 188.70 | 125.0   |
| 190.10 | 53.0    |
| 190.90 | 962.0   |
| 191.90 | 226.0   |
| 193.00 | 1728.0  |
| 194.10 | 371.0   |
| 194.90 | 229.0   |
| 203.00 | 146.0   |
| 205.00 | 386.0   |
| 205.90 | 134.0   |
| 207.00 | 1012.0  |
| 208.00 | 185.0   |
| 209.00 | 79.0    |
| 220.80 | 72.0    |
| 235.10 | 127.0   |
| 248.90 | 807.0   |
| 250.00 | 268.0   |
| 250.90 | 433.0   |
| 263.90 | 51.0    |
| 265.00 | 915.0   |
| 265.80 | 314.0   |
| 266.90 | 217.0   |
| 277.90 | 91.0    |
| 278.70 | 146.0   |
| 279.20 | 233.0   |
| 281.00 | 12679.0 |
| 282.00 | 3912.0  |
| 283.00 | 2234.0  |
| 284.00 | 383.0   |
| 285.00 | 129.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 256.0     |
| 37.00  | 1944.0    |
| 38.00  | 1733.0    |
| 39.10  | 716.0     |
| 39.90  | 57.0      |
| 43.90  | 473.0     |
| 44.90  | 423.0     |
| 47.00  | 589.0     |
| 47.90  | 249.0     |
| 49.00  | 1714.0    |
| 50.10  | 7804.0    |
| 51.00  | 2580.0    |
| 52.10  | 79.0      |
| 54.90  | 138.0     |
| 56.00  | 726.0     |
| 57.00  | 1317.0    |
| 59.10  | 153.0     |
| 60.00  | 386.0     |
| 61.00  | 2101.0    |
| 62.00  | 2081.0    |
| 63.00  | 1818.0    |
| 64.00  | 169.0     |
| 65.00  | 66.0      |
| 67.00  | 167.0     |
| 68.00  | 5123.0    |
| 69.00  | 4798.0    |
| 70.10  | 397.0     |
| 72.00  | 344.0     |
| 73.10  | 2311.0    |
| 74.00  | 8986.0    |
| 75.00  | 25272.0   |
| 76.10  | 2168.0    |
| 77.00  | 329.0     |
| 78.00  | 216.0     |
| 78.90  | 2000.0    |
| 80.00  | 579.0     |
| 80.90  | 2270.0    |
| 81.80  | 445.0     |
| 83.00  | 71.0      |
| 87.00  | 1829.0    |
| 87.90  | 1631.0    |
| 90.90  | 238.0     |
| 92.00  | 1604.0    |
| 93.00  | 2433.0    |
| 94.00  | 6238.0    |
| 95.00  | 51848.0   |
| 96.00  | 3692.0    |
| 96.90  | 127.0     |
| 103.10 | 99.0      |
| 103.90 | 261.0     |
| 104.90 | 127.0     |
| 105.80 | 262.0     |
| 110.00 | 101.0     |
| 110.80 | 72.0      |
| 111.70 | 54.0      |
| 112.70 | 83.0      |
| 114.80 | 124.0     |
| 115.90 | 242.0     |
| 116.90 | 315.0     |
| 118.10 | 253.0     |
| 119.00 | 436.0     |
| 125.20 | 135.0     |
| 127.70 | 181.0     |
| 129.00 | 135.0     |
| 129.80 | 199.0     |
| 130.70 | 101.0     |
| 132.90 | 515.0     |
| 134.00 | 103.0     |
| 135.10 | 161.0     |
| 137.00 | 152.0     |
| 139.00 | 51.0      |
| 140.00 | 54.0      |
| 140.90 | 691.0     |
| 141.90 | 90.0      |
| 142.90 | 988.0     |
| 144.90 | 63.0      |
| 145.80 | 147.0     |
| 146.90 | 132.0     |
| 147.90 | 141.0     |
| 149.00 | 90.0      |
| 149.90 | 55.0      |
| 154.90 | 92.0      |
| 156.90 | 138.0     |
| 158.90 | 76.0      |
| 160.80 | 106.0     |
| 162.90 | 107.0     |
| 165.00 | 71.0      |
| 170.40 | 53.0      |
| 170.90 | 91.0      |
| 172.10 | 244.0     |
| 173.90 | 41472.0   |
| 175.00 | 3848.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB505

|        |         |
|--------|---------|
| 175.90 | 38952.0 |
| 176.90 | 2980.0  |
| 177.90 | 143.0   |
| 178.90 | 102.0   |
| 189.00 | 76.0    |
| 191.00 | 536.0   |
| 193.00 | 863.0   |
| 194.00 | 141.0   |
| 195.00 | 104.0   |
| 203.00 | 66.0    |
| 204.90 | 152.0   |
| 207.10 | 405.0   |
| 208.00 | 128.0   |
| 209.00 | 84.0    |
| 235.10 | 64.0    |
| 249.00 | 501.0   |
| 250.10 | 112.0   |
| 250.90 | 277.0   |
| 252.10 | 106.0   |
| 265.00 | 655.0   |
| 266.10 | 154.0   |
| 267.00 | 161.0   |
| 278.20 | 80.0    |
| 279.10 | 237.0   |
| 279.90 | 200.0   |
| 281.10 | 7686.0  |
| 281.90 | 1862.0  |
| 283.00 | 1223.0  |
| 284.00 | 228.0   |
| 285.00 | 99.0    |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB505