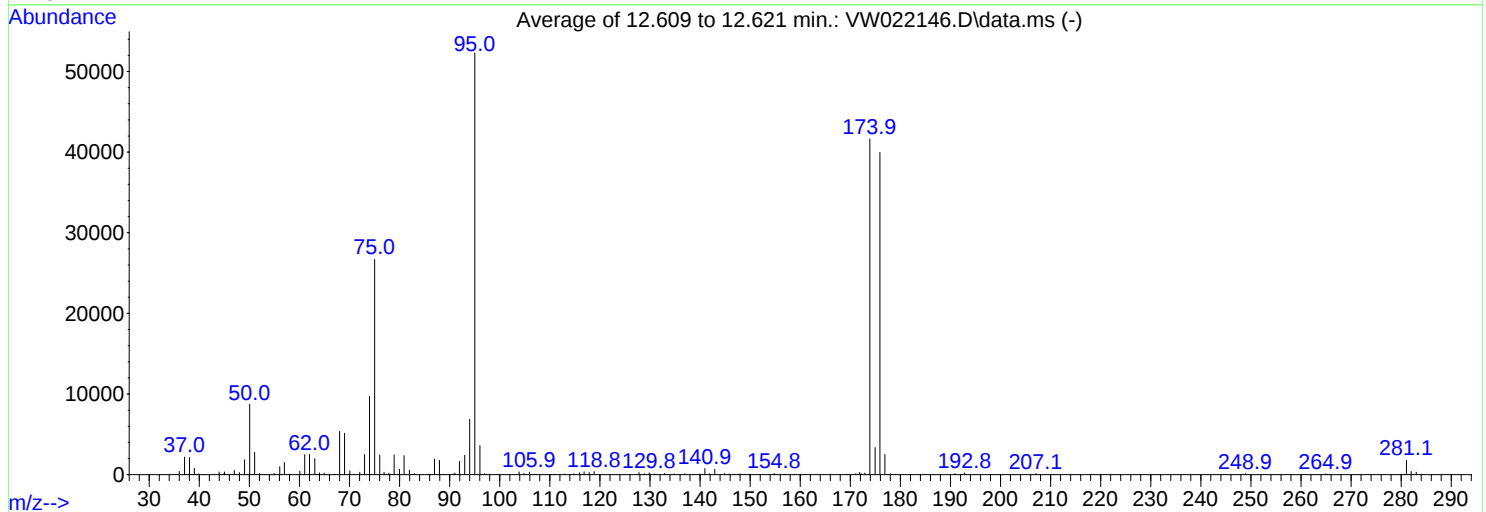
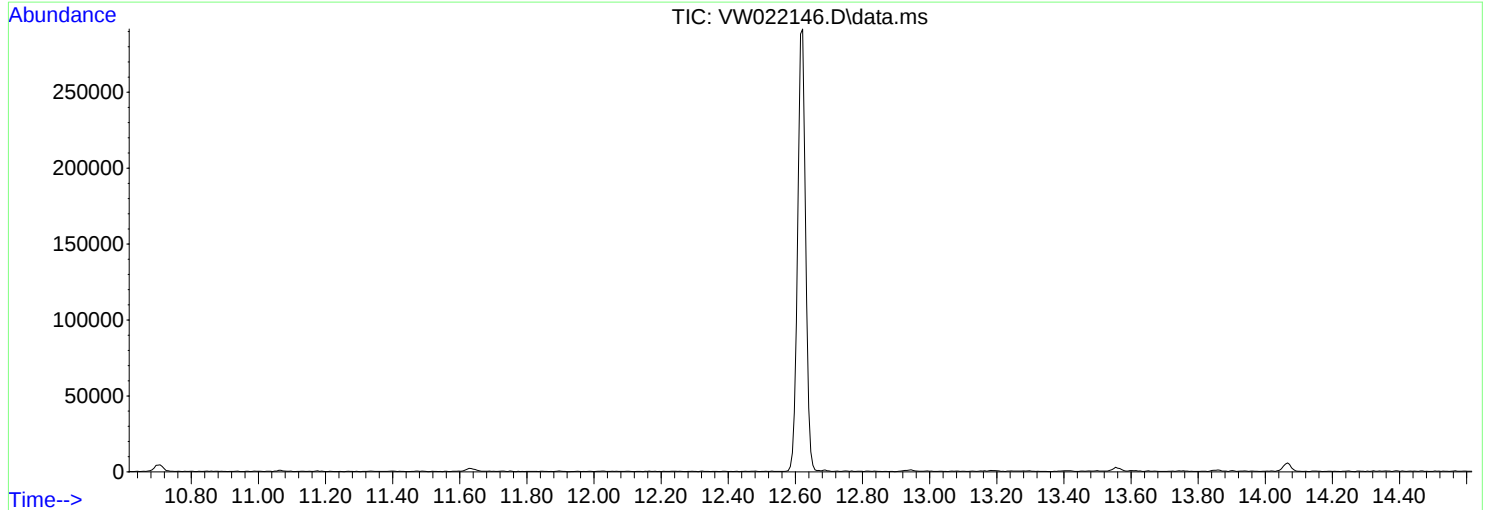


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW022522\  
 Data File : VW022146.D  
 Acq On : 25 Feb 2022 07:57  
 Operator : SY/VA  
 Sample : BFB514  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB514

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022322SMA.M  
 Title : SFAM01.0  
 Last Update : Mon Feb 28 01:06:46 2022



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              | 16.6         | 8707       | PASS                |
| 75             | 95              | 30              | 80              | 51.0         | 26699      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 52312      | PASS                |
| 96             | 95              | 5               | 9               | 6.9          | 3605       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.5          | 194        | PASS                |
| 174            | 95              | 50              | 120             | 79.6         | 41640      | PASS                |
| 175            | 174             | 5               | 9               | 8.1          | 3353       | PASS                |
| 176            | 174             | 95              | 105             | 96.0         | 39976      | PASS                |
| 177            | 176             | 5               | 10              | 6.2          | 2493       | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 36.60 | 54.0      |
| 38.10 | 73.0      |
| 40.10 | 93.0      |
| 42.50 | 58.0      |
| 43.90 | 91.0      |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB514

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 379.0     |
| 37.10  | 1817.0    |
| 38.00  | 1851.0    |
| 39.00  | 681.0     |
| 39.90  | 125.0     |
| 43.00  | 71.0      |
| 44.00  | 423.0     |
| 44.90  | 374.0     |
| 47.00  | 398.0     |
| 48.10  | 214.0     |
| 49.00  | 1565.0    |
| 50.10  | 7123.0    |
| 51.00  | 2264.0    |
| 52.00  | 93.0      |
| 54.90  | 124.0     |
| 56.10  | 770.0     |
| 57.00  | 1335.0    |
| 58.00  | 72.0      |
| 58.80  | 63.0      |
| 60.10  | 295.0     |
| 61.10  | 2071.0    |
| 62.00  | 2155.0    |
| 63.00  | 1537.0    |
| 64.10  | 221.0     |
| 64.80  | 228.0     |
| 66.00  | 61.0      |
| 66.90  | 160.0     |
| 68.00  | 4417.0    |
| 69.00  | 4060.0    |
| 70.10  | 424.0     |
| 72.10  | 182.0     |
| 73.00  | 2199.0    |
| 74.00  | 7642.0    |
| 75.00  | 20880.0   |
| 76.10  | 1772.0    |
| 76.90  | 208.0     |
| 77.30  | 235.0     |
| 77.80  | 144.0     |
| 78.90  | 2091.0    |
| 80.00  | 633.0     |
| 80.90  | 1794.0    |
| 81.90  | 427.0     |
| 83.00  | 129.0     |
| 85.70  | 65.0      |
| 87.00  | 1498.0    |
| 88.00  | 1357.0    |
| 90.80  | 267.0     |
| 92.00  | 1392.0    |
| 93.00  | 1749.0    |
| 94.00  | 5010.0    |
| 95.00  | 41312.0   |
| 96.10  | 2674.0    |
| 96.90  | 60.0      |
| 103.80 | 290.0     |
| 105.00 | 126.0     |
| 105.80 | 239.0     |
| 110.80 | 58.0      |
| 112.90 | 83.0      |
| 114.80 | 65.0      |
| 115.90 | 188.0     |
| 116.80 | 229.0     |
| 117.80 | 184.0     |
| 118.90 | 388.0     |
| 124.80 | 107.0     |
| 127.80 | 220.0     |
| 128.80 | 54.0      |
| 129.80 | 155.0     |
| 132.90 | 172.0     |
| 134.80 | 76.0      |
| 137.00 | 81.0      |
| 140.00 | 70.0      |
| 141.00 | 596.0     |
| 141.90 | 72.0      |
| 142.90 | 596.0     |
| 144.80 | 137.0     |
| 145.90 | 83.0      |
| 147.00 | 63.0      |
| 147.70 | 122.0     |
| 154.90 | 141.0     |
| 157.00 | 112.0     |
| 171.10 | 68.0      |
| 171.90 | 330.0     |
| 172.90 | 583.0     |
| 173.90 | 26400.0   |
| 174.90 | 2421.0    |
| 175.90 | 28888.0   |
| 176.90 | 1787.0    |
| 178.00 | 98.0      |
| 179.10 | 93.0      |
| 190.90 | 210.0     |
| 192.80 | 247.0     |
| 194.00 | 68.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB514

|        |        |
|--------|--------|
| 207.00 | 177.0  |
| 248.90 | 148.0  |
| 264.90 | 156.0  |
| 265.80 | 109.0  |
| 280.00 | 121.0  |
| 281.00 | 2380.0 |
| 282.00 | 527.0  |
| 283.00 | 405.0  |
| 284.10 | 95.0   |

|                  |
|------------------|
| Instrument :     |
| MSVOA_W          |
| ClientSampleId : |
| BFB514           |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 418.0     |
| 37.00  | 2412.0    |
| 38.00  | 2494.0    |
| 39.00  | 872.0     |
| 40.10  | 115.0     |
| 43.00  | 61.0      |
| 44.10  | 465.0     |
| 45.10  | 517.0     |
| 45.90  | 84.0      |
| 47.00  | 517.0     |
| 48.00  | 272.0     |
| 49.10  | 2051.0    |
| 50.00  | 9814.0    |
| 51.10  | 3089.0    |
| 52.00  | 206.0     |
| 53.00  | 81.0      |
| 55.00  | 176.0     |
| 56.00  | 1073.0    |
| 57.00  | 1666.0    |
| 57.90  | 120.0     |
| 60.00  | 616.0     |
| 61.00  | 2683.0    |
| 62.00  | 2869.0    |
| 63.00  | 2282.0    |
| 64.00  | 214.0     |
| 64.90  | 205.0     |
| 68.00  | 5943.0    |
| 69.00  | 5566.0    |
| 70.00  | 506.0     |
| 72.00  | 319.0     |
| 73.00  | 2493.0    |
| 74.00  | 10989.0   |
| 75.00  | 29456.0   |
| 76.00  | 2865.0    |
| 76.90  | 435.0     |
| 77.90  | 211.0     |
| 78.90  | 2826.0    |
| 80.00  | 703.0     |
| 80.90  | 2653.0    |
| 81.90  | 620.0     |
| 83.00  | 91.0      |
| 85.80  | 96.0      |
| 87.00  | 2085.0    |
| 88.00  | 2202.0    |
| 91.10  | 259.0     |
| 91.90  | 1794.0    |
| 93.00  | 2750.0    |
| 94.00  | 7695.0    |
| 95.00  | 58816.0   |
| 96.00  | 4150.0    |
| 97.00  | 128.0     |
| 103.80 | 322.0     |
| 104.80 | 155.0     |
| 105.90 | 344.0     |
| 106.90 | 66.0      |
| 110.00 | 81.0      |
| 110.90 | 64.0      |
| 113.00 | 58.0      |
| 114.80 | 104.0     |
| 116.00 | 233.0     |
| 116.80 | 390.0     |
| 117.90 | 298.0     |
| 118.90 | 388.0     |
| 127.80 | 262.0     |
| 128.90 | 159.0     |
| 129.80 | 203.0     |
| 131.00 | 132.0     |
| 132.90 | 179.0     |
| 134.90 | 117.0     |
| 136.90 | 155.0     |
| 139.90 | 62.0      |
| 140.90 | 899.0     |
| 141.90 | 89.0      |
| 142.90 | 632.0     |
| 144.80 | 87.0      |
| 145.70 | 89.0      |
| 147.00 | 54.0      |
| 148.00 | 134.0     |
| 149.70 | 71.0      |
| 150.00 | 75.0      |
| 154.70 | 191.0     |
| 156.90 | 67.0      |
| 158.80 | 75.0      |
| 160.00 | 75.0      |
| 161.00 | 68.0      |
| 170.00 | 63.0      |
| 171.10 | 172.0     |
| 171.80 | 527.0     |
| 173.90 | 47392.0   |
| 175.00 | 3747.0    |
| 175.90 | 42904.0   |
| 176.90 | 2484.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB514

|        |        |
|--------|--------|
| 178.10 | 73.0   |
| 179.00 | 67.0   |
| 190.90 | 119.0  |
| 192.90 | 257.0  |
| 207.10 | 136.0  |
| 248.90 | 129.0  |
| 265.00 | 149.0  |
| 280.00 | 70.0   |
| 281.10 | 1895.0 |
| 282.00 | 460.0  |
| 283.00 | 263.0  |
| 284.10 | 75.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB514

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 409.0     |
| 37.00  | 2242.0    |
| 38.10  | 2172.0    |
| 39.00  | 783.0     |
| 39.90  | 150.0     |
| 40.90  | 74.0      |
| 43.10  | 72.0      |
| 43.90  | 391.0     |
| 45.00  | 492.0     |
| 45.80  | 67.0      |
| 47.00  | 651.0     |
| 47.90  | 294.0     |
| 49.00  | 1923.0    |
| 50.00  | 9183.0    |
| 51.00  | 2920.0    |
| 52.10  | 146.0     |
| 55.00  | 170.0     |
| 56.00  | 1118.0    |
| 57.00  | 1534.0    |
| 60.20  | 372.0     |
| 61.00  | 2690.0    |
| 62.00  | 2496.0    |
| 63.10  | 2118.0    |
| 63.90  | 229.0     |
| 65.00  | 149.0     |
| 67.10  | 133.0     |
| 68.00  | 5727.0    |
| 69.00  | 5774.0    |
| 70.00  | 475.0     |
| 72.00  | 376.0     |
| 73.00  | 2786.0    |
| 74.00  | 10421.0   |
| 75.00  | 29760.0   |
| 76.10  | 2602.0    |
| 76.90  | 250.0     |
| 77.90  | 226.0     |
| 78.90  | 2450.0    |
| 79.90  | 669.0     |
| 80.90  | 2626.0    |
| 82.00  | 600.0     |
| 82.90  | 126.0     |
| 86.90  | 2235.0    |
| 87.90  | 1753.0    |
| 88.90  | 52.0      |
| 91.00  | 355.0     |
| 92.00  | 1786.0    |
| 93.00  | 2694.0    |
| 94.00  | 7869.0    |
| 95.00  | 56808.0   |
| 96.00  | 3992.0    |
| 96.90  | 81.0      |
| 97.20  | 85.0      |
| 103.00 | 62.0      |
| 103.90 | 426.0     |
| 104.80 | 200.0     |
| 106.00 | 381.0     |
| 106.90 | 59.0      |
| 110.20 | 52.0      |
| 110.90 | 70.0      |
| 111.80 | 79.0      |
| 112.90 | 109.0     |
| 114.80 | 112.0     |
| 115.90 | 289.0     |
| 116.90 | 429.0     |
| 117.90 | 273.0     |
| 118.80 | 379.0     |
| 127.80 | 269.0     |
| 128.90 | 156.0     |
| 129.90 | 312.0     |
| 130.90 | 84.0      |
| 133.00 | 90.0      |
| 134.90 | 124.0     |
| 137.00 | 132.0     |
| 138.80 | 51.0      |
| 139.80 | 79.0      |
| 141.00 | 796.0     |
| 141.90 | 146.0     |
| 143.00 | 774.0     |
| 144.90 | 137.0     |
| 145.80 | 87.0      |
| 146.80 | 78.0      |
| 147.90 | 185.0     |
| 149.00 | 56.0      |
| 149.90 | 92.0      |
| 154.80 | 149.0     |
| 156.70 | 100.0     |
| 158.90 | 94.0      |
| 169.50 | 70.0      |
| 170.20 | 92.0      |
| 171.10 | 90.0      |
| 172.20 | 379.0     |
| 173.90 | 51128.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB514

|        |         |
|--------|---------|
| 174.90 | 3891.0  |
| 175.90 | 48136.0 |
| 176.90 | 3207.0  |
| 177.90 | 138.0   |
| 191.00 | 86.0    |
| 192.90 | 171.0   |
| 207.00 | 97.0    |
| 248.80 | 82.0    |
| 265.20 | 141.0   |
| 281.10 | 1096.0  |
| 282.00 | 183.0   |
| 283.10 | 207.0   |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB514