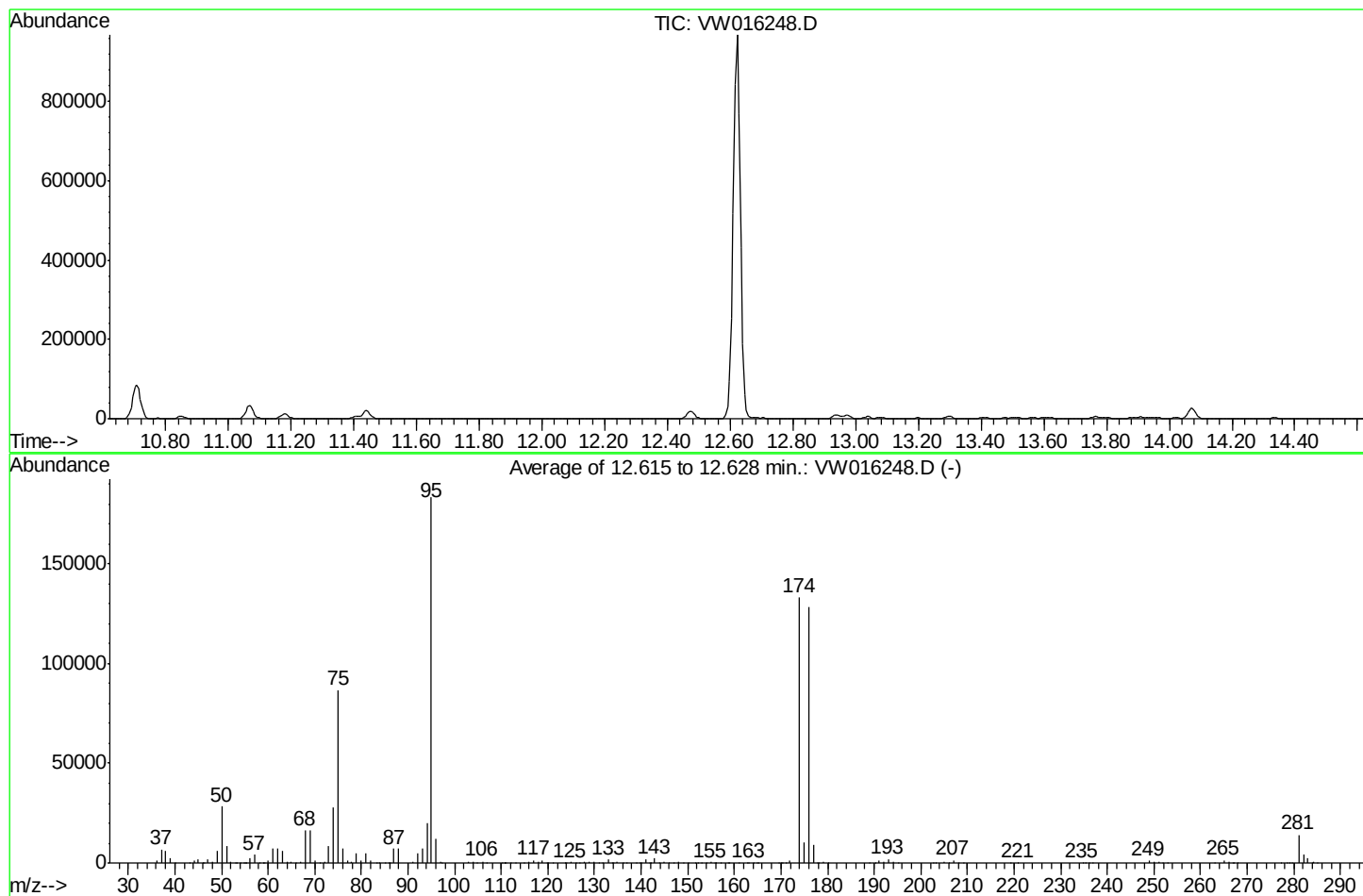


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081920\  
 Data File : VW016248.D  
 Acq On : 19 Aug 2020 09:46  
 Operator : SY/VA  
 Sample : BFB12  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB12

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081020S.M  
 Title : VOC Analysis  
 Last Update : Thu Aug 20 01:39:58 2020



AutoFind: Scans 1757, 1758, 1759; Background Corrected with Scan 1749

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 15.5      | 28405   | PASS             |
| 75          | 95           | 30           | 80           | 47.2      | 86664   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 183445  | PASS             |
| 96          | 95           | 5            | 9            | 6.7       | 12212   | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 72.6      | 133232  | PASS             |
| 175         | 174          | 5            | 9            | 7.8       | 10331   | PASS             |
| 176         | 174          | 95           | 101          | 96.4      | 128405  | PASS             |
| 177         | 176          | 5            | 9            | 7.3       | 9317    | PASS             |

Scan 1749 (12.567 min): VW016248.D  
BFB12

| m/z   | Abundance |
|-------|-----------|
| 39.10 | 118.0     |
| 40.00 | 90.0      |
| 43.80 | 162.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1200.0    |
| 37.00  | 7188.0    |
| 38.00  | 6431.0    |
| 39.00  | 2653.0    |
| 40.10  | 230.0     |
| 43.10  | 178.0     |
| 44.00  | 1078.0    |
| 45.00  | 1809.0    |
| 46.10  | 328.0     |
| 47.10  | 1802.0    |
| 48.10  | 881.0     |
| 49.00  | 6170.0    |
| 50.00  | 30272.0   |
| 51.00  | 8851.0    |
| 52.10  | 502.0     |
| 52.90  | 109.0     |
| 54.80  | 444.0     |
| 55.20  | 347.0     |
| 56.00  | 2466.0    |
| 57.00  | 4206.0    |
| 58.00  | 254.0     |
| 59.00  | 429.0     |
| 60.00  | 1398.0    |
| 61.10  | 7263.0    |
| 62.00  | 7897.0    |
| 63.00  | 6064.0    |
| 64.10  | 764.0     |
| 65.00  | 1043.0    |
| 66.00  | 115.0     |
| 66.90  | 513.0     |
| 68.00  | 15938.0   |
| 69.00  | 17288.0   |
| 70.00  | 1340.0    |
| 71.10  | 108.0     |
| 72.00  | 858.0     |
| 73.00  | 9466.0    |
| 74.00  | 27536.0   |
| 75.00  | 87824.0   |
| 76.00  | 7222.0    |
| 77.10  | 995.0     |
| 78.10  | 685.0     |
| 78.90  | 4828.0    |
| 79.90  | 1713.0    |
| 81.00  | 5193.0    |
| 82.00  | 1149.0    |
| 83.10  | 147.0     |
| 83.80  | 74.0      |
| 85.00  | 65.0      |
| 85.80  | 230.0     |
| 87.00  | 6839.0    |
| 88.00  | 6865.0    |
| 90.90  | 636.0     |
| 92.00  | 4914.0    |
| 93.00  | 7304.0    |
| 94.10  | 19160.0   |
| 95.00  | 180032.0  |
| 96.00  | 12193.0   |
| 97.10  | 240.0     |
| 103.00 | 672.0     |
| 104.00 | 709.0     |
| 104.80 | 246.0     |
| 106.00 | 730.0     |
| 107.00 | 224.0     |
| 110.60 | 173.0     |
| 111.10 | 299.0     |
| 112.10 | 276.0     |
| 112.90 | 188.0     |
| 114.90 | 298.0     |
| 116.00 | 632.0     |
| 116.90 | 1397.0    |
| 117.90 | 973.0     |
| 118.80 | 1087.0    |
| 119.80 | 51.0      |
| 121.20 | 66.0      |
| 123.70 | 173.0     |
| 124.90 | 934.0     |
| 126.00 | 326.0     |
| 126.90 | 131.0     |
| 127.90 | 524.0     |
| 128.80 | 273.0     |
| 129.90 | 610.0     |
| 131.00 | 227.0     |
| 131.80 | 126.0     |
| 133.00 | 2761.0    |
| 133.80 | 717.0     |
| 134.80 | 562.0     |
| 136.00 | 73.0      |
| 136.90 | 290.0     |
| 139.70 | 84.0      |
| 141.00 | 1697.0    |
| 141.80 | 203.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

|        |          |
|--------|----------|
| 142.90 | 2332.0   |
| 144.00 | 103.0    |
| 144.90 | 489.0    |
| 146.00 | 253.0    |
| 147.00 | 421.0    |
| 147.90 | 537.0    |
| 149.00 | 388.0    |
| 150.10 | 97.0     |
| 151.70 | 51.0     |
| 152.80 | 110.0    |
| 154.00 | 118.0    |
| 155.00 | 422.0    |
| 155.80 | 58.0     |
| 157.00 | 268.0    |
| 158.80 | 186.0    |
| 160.90 | 271.0    |
| 163.10 | 432.0    |
| 164.00 | 117.0    |
| 165.10 | 262.0    |
| 171.10 | 266.0    |
| 172.00 | 1490.0   |
| 174.00 | 113552.0 |
| 175.00 | 9627.0   |
| 176.00 | 113976.0 |
| 177.00 | 8301.0   |
| 177.90 | 430.0    |
| 179.10 | 489.0    |
| 180.00 | 113.0    |
| 189.00 | 233.0    |
| 191.10 | 2246.0   |
| 192.10 | 486.0    |
| 193.00 | 3059.0   |
| 194.00 | 812.0    |
| 195.00 | 388.0    |
| 203.10 | 296.0    |
| 205.10 | 789.0    |
| 205.90 | 89.0     |
| 207.00 | 1705.0   |
| 208.10 | 495.0    |
| 209.00 | 230.0    |
| 220.80 | 57.0     |
| 234.70 | 197.0    |
| 235.20 | 215.0    |
| 236.00 | 57.0     |
| 236.80 | 54.0     |
| 249.00 | 1563.0   |
| 250.00 | 500.0    |
| 251.00 | 920.0    |
| 252.00 | 233.0    |
| 253.00 | 111.0    |
| 263.00 | 55.0     |
| 265.00 | 2251.0   |
| 266.10 | 683.0    |
| 267.10 | 528.0    |
| 268.00 | 109.0    |
| 278.60 | 140.0    |
| 279.50 | 347.0    |
| 281.10 | 18216.0  |
| 282.00 | 4908.0   |
| 283.10 | 3266.0   |
| 284.20 | 722.0    |
| 285.10 | 226.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1210.0    |
| 37.00  | 7886.0    |
| 38.10  | 6443.0    |
| 39.00  | 2639.0    |
| 40.00  | 209.0     |
| 43.10  | 99.0      |
| 44.10  | 930.0     |
| 45.00  | 1532.0    |
| 45.90  | 224.0     |
| 47.00  | 2217.0    |
| 47.90  | 1101.0    |
| 49.00  | 6425.0    |
| 50.00  | 30200.0   |
| 51.00  | 10311.0   |
| 52.00  | 536.0     |
| 53.20  | 116.0     |
| 54.00  | 60.0      |
| 54.90  | 404.0     |
| 56.00  | 2598.0    |
| 57.00  | 4639.0    |
| 58.10  | 186.0     |
| 59.20  | 274.0     |
| 60.10  | 1730.0    |
| 61.00  | 8455.0    |
| 62.00  | 8154.0    |
| 63.00  | 6587.0    |
| 64.00  | 888.0     |
| 65.00  | 732.0     |
| 66.00  | 162.0     |
| 66.90  | 568.0     |
| 68.00  | 18296.0   |
| 69.00  | 18032.0   |
| 70.10  | 1203.0    |
| 71.00  | 119.0     |
| 72.00  | 834.0     |
| 73.00  | 9121.0    |
| 74.00  | 31864.0   |
| 75.00  | 96840.0   |
| 76.00  | 8181.0    |
| 76.90  | 971.0     |
| 77.90  | 827.0     |
| 79.00  | 5226.0    |
| 80.00  | 1741.0    |
| 80.90  | 5140.0    |
| 81.90  | 1134.0    |
| 83.20  | 175.0     |
| 85.10  | 78.0      |
| 85.70  | 268.0     |
| 86.10  | 216.0     |
| 87.00  | 7858.0    |
| 88.00  | 8067.0    |
| 90.90  | 621.0     |
| 92.00  | 5824.0    |
| 93.00  | 8130.0    |
| 94.00  | 22744.0   |
| 95.00  | 208448.0  |
| 96.00  | 13945.0   |
| 97.00  | 579.0     |
| 103.00 | 444.0     |
| 104.00 | 713.0     |
| 104.90 | 400.0     |
| 105.90 | 1070.0    |
| 106.80 | 174.0     |
| 110.10 | 287.0     |
| 110.80 | 177.0     |
| 112.10 | 220.0     |
| 113.00 | 145.0     |
| 115.00 | 327.0     |
| 116.00 | 733.0     |
| 117.00 | 1415.0    |
| 118.00 | 809.0     |
| 118.90 | 1325.0    |
| 120.10 | 108.0     |
| 121.20 | 51.0      |
| 123.70 | 76.0      |
| 124.90 | 544.0     |
| 125.90 | 309.0     |
| 126.90 | 163.0     |
| 127.90 | 723.0     |
| 128.80 | 397.0     |
| 130.00 | 799.0     |
| 130.90 | 223.0     |
| 131.80 | 83.0      |
| 133.10 | 1563.0    |
| 134.00 | 444.0     |
| 134.90 | 438.0     |
| 136.00 | 79.0      |
| 136.90 | 243.0     |
| 138.90 | 57.0      |
| 140.00 | 184.0     |
| 140.90 | 1907.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

|        |          |
|--------|----------|
| 142.10 | 251.0    |
| 142.90 | 2288.0   |
| 143.80 | 149.0    |
| 145.00 | 362.0    |
| 145.90 | 318.0    |
| 147.00 | 245.0    |
| 147.90 | 547.0    |
| 149.10 | 178.0    |
| 150.00 | 209.0    |
| 151.80 | 68.0     |
| 152.10 | 63.0     |
| 152.90 | 96.0     |
| 154.00 | 179.0    |
| 154.90 | 327.0    |
| 155.80 | 68.0     |
| 156.00 | 68.0     |
| 156.90 | 345.0    |
| 158.70 | 205.0    |
| 161.00 | 354.0    |
| 163.00 | 405.0    |
| 164.80 | 227.0    |
| 170.00 | 66.0     |
| 171.00 | 263.0    |
| 172.00 | 1326.0   |
| 174.00 | 151424.0 |
| 175.00 | 11168.0  |
| 176.00 | 148992.0 |
| 177.00 | 11113.0  |
| 178.10 | 461.0    |
| 178.90 | 491.0    |
| 180.00 | 88.0     |
| 189.00 | 146.0    |
| 191.10 | 1444.0   |
| 192.20 | 384.0    |
| 193.00 | 1931.0   |
| 194.10 | 211.0    |
| 195.10 | 253.0    |
| 202.90 | 162.0    |
| 205.00 | 447.0    |
| 205.90 | 54.0     |
| 207.00 | 1263.0   |
| 208.00 | 251.0    |
| 209.10 | 193.0    |
| 219.20 | 52.0     |
| 234.80 | 202.0    |
| 249.00 | 1135.0   |
| 250.10 | 300.0    |
| 251.00 | 504.0    |
| 251.90 | 146.0    |
| 265.00 | 1403.0   |
| 266.10 | 323.0    |
| 267.00 | 422.0    |
| 267.90 | 152.0    |
| 277.30 | 52.0     |
| 278.50 | 57.0     |
| 279.10 | 175.0    |
| 281.10 | 15128.0  |
| 282.10 | 4672.0   |
| 283.00 | 2307.0   |
| 284.10 | 503.0    |
| 285.10 | 282.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1032.0    |
| 37.10  | 5459.0    |
| 38.00  | 5174.0    |
| 39.10  | 2010.0    |
| 40.10  | 172.0     |
| 43.10  | 76.0      |
| 44.00  | 883.0     |
| 45.00  | 1305.0    |
| 46.20  | 87.0      |
| 47.00  | 1850.0    |
| 48.10  | 715.0     |
| 49.00  | 5314.0    |
| 50.00  | 24744.0   |
| 51.10  | 7080.0    |
| 52.00  | 350.0     |
| 53.00  | 52.0      |
| 55.00  | 329.0     |
| 56.00  | 1925.0    |
| 57.00  | 3695.0    |
| 58.20  | 124.0     |
| 58.90  | 140.0     |
| 60.00  | 1438.0    |
| 61.00  | 6427.0    |
| 62.00  | 6717.0    |
| 63.00  | 4696.0    |
| 64.00  | 617.0     |
| 65.10  | 570.0     |
| 66.90  | 332.0     |
| 68.00  | 14214.0   |
| 69.00  | 14257.0   |
| 70.00  | 1191.0    |
| 72.10  | 865.0     |
| 73.00  | 6472.0    |
| 74.00  | 23976.0   |
| 75.00  | 75328.0   |
| 76.00  | 6559.0    |
| 77.10  | 840.0     |
| 77.90  | 525.0     |
| 79.00  | 4153.0    |
| 80.00  | 1110.0    |
| 81.00  | 4568.0    |
| 82.00  | 983.0     |
| 83.10  | 124.0     |
| 85.70  | 123.0     |
| 87.00  | 6652.0    |
| 88.00  | 6180.0    |
| 91.00  | 534.0     |
| 92.10  | 4235.0    |
| 93.00  | 6639.0    |
| 94.00  | 18384.0   |
| 95.00  | 161856.0  |
| 96.10  | 10499.0   |
| 96.90  | 278.0     |
| 97.30  | 203.0     |
| 103.10 | 352.0     |
| 103.90 | 680.0     |
| 104.80 | 216.0     |
| 106.00 | 589.0     |
| 107.00 | 226.0     |
| 110.20 | 100.0     |
| 110.80 | 110.0     |
| 111.90 | 163.0     |
| 112.90 | 111.0     |
| 114.80 | 286.0     |
| 115.90 | 556.0     |
| 116.90 | 917.0     |
| 118.00 | 567.0     |
| 118.90 | 933.0     |
| 120.10 | 51.0      |
| 124.00 | 93.0      |
| 125.00 | 290.0     |
| 125.80 | 132.0     |
| 126.80 | 101.0     |
| 127.90 | 586.0     |
| 128.90 | 428.0     |
| 129.80 | 576.0     |
| 130.90 | 332.0     |
| 131.90 | 63.0      |
| 133.00 | 852.0     |
| 134.80 | 341.0     |
| 136.80 | 148.0     |
| 138.90 | 115.0     |
| 139.80 | 144.0     |
| 140.10 | 141.0     |
| 141.00 | 1687.0    |
| 141.70 | 132.0     |
| 142.20 | 203.0     |
| 143.00 | 1862.0    |
| 143.80 | 130.0     |
| 145.00 | 316.0     |
| 145.90 | 310.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

|        |          |
|--------|----------|
| 146.90 | 105.0    |
| 148.00 | 415.0    |
| 149.00 | 147.0    |
| 149.90 | 210.0    |
| 152.10 | 72.0     |
| 152.90 | 161.0    |
| 154.00 | 193.0    |
| 155.00 | 409.0    |
| 155.80 | 100.0    |
| 157.10 | 330.0    |
| 159.00 | 291.0    |
| 160.80 | 233.0    |
| 162.80 | 144.0    |
| 164.00 | 55.0     |
| 164.80 | 104.0    |
| 169.60 | 67.0     |
| 170.20 | 52.0     |
| 171.90 | 963.0    |
| 174.00 | 134720.0 |
| 175.00 | 10200.0  |
| 176.00 | 122248.0 |
| 177.00 | 8537.0   |
| 178.00 | 487.0    |
| 179.10 | 145.0    |
| 188.90 | 81.0     |
| 190.20 | 72.0     |
| 191.20 | 666.0    |
| 192.10 | 141.0    |
| 193.10 | 1073.0   |
| 194.00 | 131.0    |
| 195.00 | 98.0     |
| 202.70 | 66.0     |
| 205.10 | 194.0    |
| 207.00 | 723.0    |
| 208.00 | 138.0    |
| 209.10 | 134.0    |
| 235.10 | 151.0    |
| 248.90 | 564.0    |
| 250.00 | 250.0    |
| 250.90 | 303.0    |
| 251.90 | 53.0     |
| 265.00 | 839.0    |
| 265.90 | 314.0    |
| 266.80 | 191.0    |
| 279.30 | 136.0    |
| 279.50 | 136.0    |
| 281.00 | 8936.0   |
| 282.10 | 2712.0   |
| 283.10 | 1676.0   |
| 283.90 | 210.0    |
| 285.00 | 84.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12