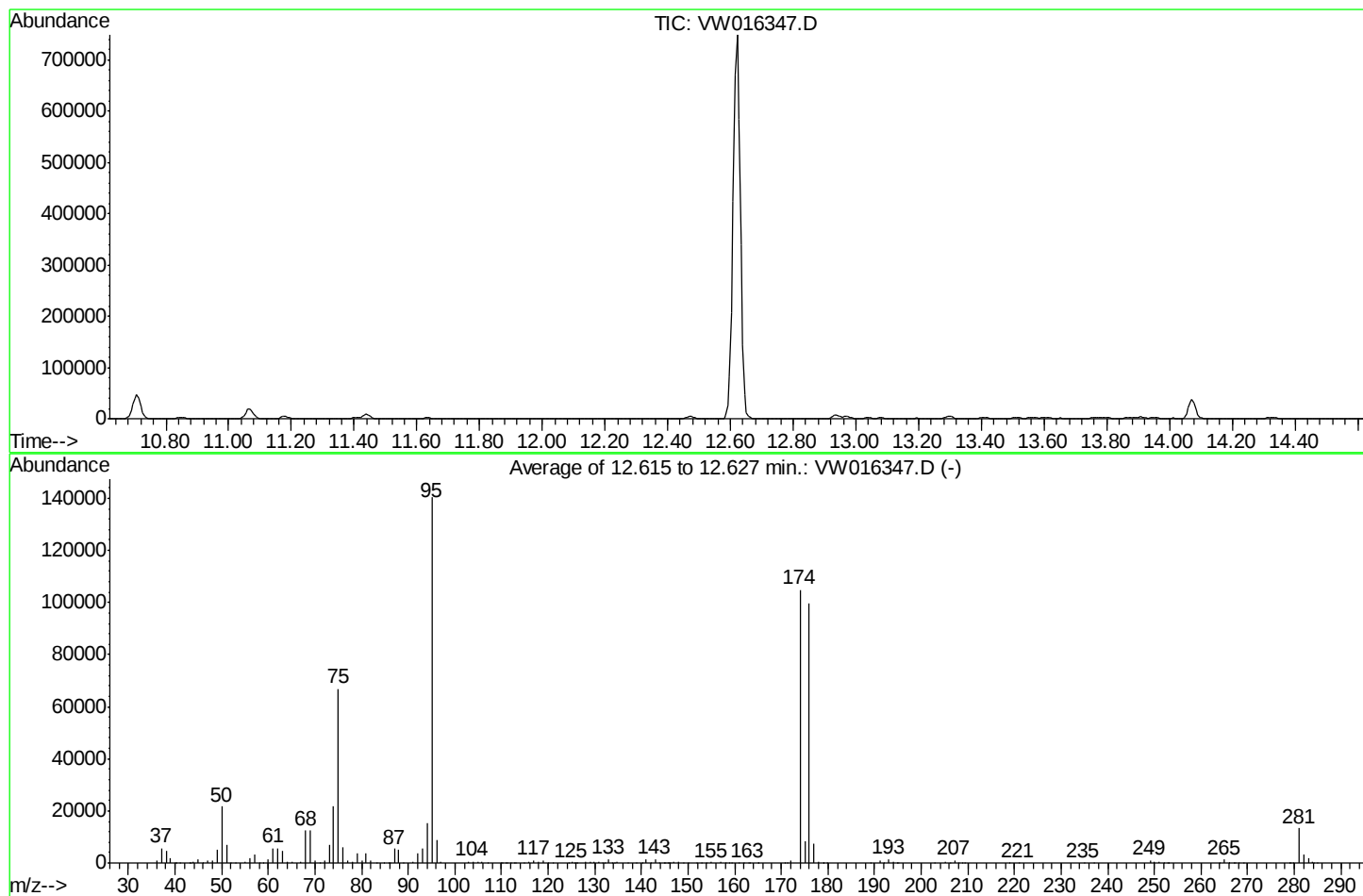


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082520\  
 Data File : VW016347.D  
 Acq On : 25 Aug 2020 08:08  
 Operator : SY/VA  
 Sample : BFB15  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB15

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082420S.M  
 Title : VOC Analysis  
 Last Update : Wed Aug 26 01:39:29 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           | 15.4      | 21618   | PASS             |
| 75          | 95           | 30           | 80           | 47.6      | 66866   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 140373  | PASS             |
| 96          | 95           | 5            | 9            | 6.4       | 8937    | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 74.6      | 104773  | PASS             |
| 175         | 174          | 5            | 9            | 7.9       | 8308    | PASS             |
| 176         | 174          | 95           | 101          | 95.2      | 99786   | PASS             |
| 177         | 176          | 5            | 9            | 7.2       | 7216    | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1048.0    |
| 37.00  | 6426.0    |
| 38.10  | 4907.0    |
| 39.00  | 2201.0    |
| 39.90  | 210.0     |
| 41.00  | 56.0      |
| 43.30  | 78.0      |
| 44.00  | 824.0     |
| 45.00  | 1403.0    |
| 47.00  | 1142.0    |
| 48.00  | 832.0     |
| 49.00  | 5332.0    |
| 50.00  | 22968.0   |
| 51.00  | 6914.0    |
| 52.00  | 214.0     |
| 53.00  | 125.0     |
| 55.00  | 294.0     |
| 56.00  | 1968.0    |
| 57.10  | 3324.0    |
| 58.00  | 155.0     |
| 59.00  | 353.0     |
| 60.00  | 1490.0    |
| 61.00  | 6136.0    |
| 62.10  | 6672.0    |
| 63.10  | 4431.0    |
| 64.00  | 584.0     |
| 65.00  | 530.0     |
| 67.00  | 379.0     |
| 68.00  | 11935.0   |
| 69.00  | 13108.0   |
| 70.00  | 910.0     |
| 71.10  | 119.0     |
| 72.10  | 772.0     |
| 73.00  | 8034.0    |
| 74.00  | 21760.0   |
| 75.00  | 67656.0   |
| 76.10  | 6333.0    |
| 76.90  | 824.0     |
| 78.90  | 3544.0    |
| 80.00  | 1122.0    |
| 80.90  | 4215.0    |
| 81.90  | 939.0     |
| 83.40  | 98.0      |
| 84.80  | 54.0      |
| 86.10  | 361.0     |
| 87.00  | 5536.0    |
| 87.90  | 5142.0    |
| 88.80  | 356.0     |
| 91.00  | 483.0     |
| 92.00  | 3693.0    |
| 93.00  | 5619.0    |
| 94.10  | 15486.0   |
| 95.00  | 137600.0  |
| 96.10  | 8831.0    |
| 97.10  | 274.0     |
| 102.90 | 477.0     |
| 103.90 | 623.0     |
| 105.00 | 302.0     |
| 106.00 | 584.0     |
| 107.00 | 102.0     |
| 110.10 | 104.0     |
| 111.10 | 272.0     |
| 111.90 | 156.0     |
| 112.90 | 137.0     |
| 114.90 | 244.0     |
| 116.00 | 650.0     |
| 116.90 | 1069.0    |
| 118.00 | 569.0     |
| 119.00 | 1184.0    |
| 120.00 | 111.0     |
| 121.00 | 120.0     |
| 124.20 | 110.0     |
| 125.00 | 777.0     |
| 126.00 | 122.0     |
| 128.00 | 370.0     |
| 128.90 | 226.0     |
| 129.90 | 369.0     |
| 131.00 | 259.0     |
| 131.70 | 76.0      |
| 133.00 | 2492.0    |
| 134.10 | 415.0     |
| 134.90 | 397.0     |
| 137.00 | 300.0     |
| 138.90 | 73.0      |
| 140.00 | 151.0     |
| 141.00 | 1178.0    |
| 141.90 | 126.0     |
| 142.90 | 1357.0    |
| 143.90 | 125.0     |
| 144.90 | 286.0     |
| 145.60 | 98.0      |
| 146.10 | 133.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15

|        |         |
|--------|---------|
| 146.90 | 328.0   |
| 148.00 | 287.0   |
| 148.90 | 246.0   |
| 149.90 | 164.0   |
| 152.00 | 68.0    |
| 152.80 | 87.0    |
| 153.90 | 85.0    |
| 155.00 | 257.0   |
| 157.10 | 227.0   |
| 159.00 | 203.0   |
| 160.90 | 266.0   |
| 161.90 | 73.0    |
| 162.80 | 305.0   |
| 164.90 | 285.0   |
| 170.70 | 147.0   |
| 171.20 | 174.0   |
| 171.90 | 1284.0  |
| 174.00 | 98424.0 |
| 175.00 | 7529.0  |
| 176.00 | 87216.0 |
| 177.00 | 6853.0  |
| 178.00 | 403.0   |
| 178.90 | 444.0   |
| 179.90 | 156.0   |
| 189.10 | 212.0   |
| 191.10 | 1477.0  |
| 192.00 | 360.0   |
| 193.10 | 2446.0  |
| 193.90 | 399.0   |
| 194.90 | 282.0   |
| 202.90 | 181.0   |
| 205.00 | 508.0   |
| 206.20 | 161.0   |
| 207.10 | 1576.0  |
| 208.00 | 164.0   |
| 209.20 | 164.0   |
| 219.00 | 64.0    |
| 220.80 | 80.0    |
| 234.90 | 135.0   |
| 237.10 | 82.0    |
| 249.00 | 1493.0  |
| 250.00 | 391.0   |
| 251.10 | 599.0   |
| 252.10 | 167.0   |
| 252.80 | 80.0    |
| 263.80 | 88.0    |
| 265.00 | 1829.0  |
| 265.90 | 421.0   |
| 267.00 | 403.0   |
| 268.10 | 124.0   |
| 269.20 | 69.0    |
| 278.90 | 257.0   |
| 279.70 | 398.0   |
| 281.10 | 19840.0 |
| 282.20 | 4800.0  |
| 283.10 | 3103.0  |
| 284.00 | 611.0   |
| 285.00 | 219.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1141.0    |
| 37.00  | 5697.0    |
| 38.10  | 4817.0    |
| 39.00  | 2034.0    |
| 40.20  | 86.0      |
| 44.00  | 807.0     |
| 45.00  | 1325.0    |
| 47.00  | 1452.0    |
| 47.90  | 837.0     |
| 49.00  | 5572.0    |
| 50.00  | 24152.0   |
| 51.10  | 8084.0    |
| 52.00  | 346.0     |
| 55.00  | 335.0     |
| 56.00  | 2197.0    |
| 57.10  | 3638.0    |
| 58.10  | 148.0     |
| 59.00  | 190.0     |
| 60.00  | 1548.0    |
| 61.00  | 6437.0    |
| 62.00  | 5565.0    |
| 63.00  | 5050.0    |
| 64.10  | 711.0     |
| 65.10  | 547.0     |
| 67.00  | 381.0     |
| 68.00  | 14802.0   |
| 69.00  | 13461.0   |
| 70.10  | 1084.0    |
| 71.10  | 70.0      |
| 71.90  | 796.0     |
| 73.00  | 7472.0    |
| 74.00  | 24936.0   |
| 75.00  | 74920.0   |
| 76.10  | 6778.0    |
| 77.00  | 916.0     |
| 78.00  | 495.0     |
| 78.90  | 4003.0    |
| 80.00  | 1288.0    |
| 81.00  | 4188.0    |
| 81.90  | 1103.0    |
| 83.20  | 150.0     |
| 86.00  | 199.0     |
| 87.00  | 6362.0    |
| 87.90  | 5578.0    |
| 91.00  | 457.0     |
| 92.00  | 4248.0    |
| 93.00  | 6611.0    |
| 94.10  | 17528.0   |
| 95.00  | 159040.0  |
| 96.10  | 10436.0   |
| 97.00  | 415.0     |
| 102.70 | 243.0     |
| 103.90 | 859.0     |
| 105.00 | 252.0     |
| 105.80 | 580.0     |
| 106.90 | 103.0     |
| 110.10 | 131.0     |
| 110.80 | 219.0     |
| 112.00 | 162.0     |
| 112.70 | 157.0     |
| 114.80 | 235.0     |
| 115.90 | 595.0     |
| 116.90 | 1065.0    |
| 117.80 | 692.0     |
| 119.00 | 924.0     |
| 120.00 | 95.0      |
| 121.00 | 62.0      |
| 124.30 | 103.0     |
| 125.10 | 386.0     |
| 125.60 | 284.0     |
| 127.90 | 639.0     |
| 129.00 | 255.0     |
| 129.90 | 596.0     |
| 130.90 | 338.0     |
| 132.20 | 55.0      |
| 133.00 | 1731.0    |
| 134.80 | 386.0     |
| 137.00 | 234.0     |
| 138.90 | 63.0      |
| 140.10 | 126.0     |
| 140.90 | 1600.0    |
| 141.90 | 177.0     |
| 143.00 | 1798.0    |
| 143.90 | 137.0     |
| 144.90 | 269.0     |
| 145.80 | 295.0     |
| 147.00 | 340.0     |
| 147.80 | 401.0     |
| 148.90 | 325.0     |
| 150.00 | 138.0     |
| 151.80 | 93.0      |
| 152.90 | 85.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15

|        |          |
|--------|----------|
| 153.80 | 78.0     |
| 155.00 | 355.0    |
| 157.10 | 211.0    |
| 158.10 | 55.0     |
| 158.80 | 197.0    |
| 159.20 | 119.0    |
| 161.00 | 273.0    |
| 163.10 | 195.0    |
| 165.10 | 101.0    |
| 170.80 | 160.0    |
| 172.00 | 976.0    |
| 174.00 | 116576.0 |
| 175.10 | 9985.0   |
| 176.00 | 112912.0 |
| 177.00 | 8213.0   |
| 178.00 | 306.0    |
| 179.10 | 408.0    |
| 179.90 | 132.0    |
| 189.00 | 184.0    |
| 191.00 | 1082.0   |
| 193.00 | 1744.0   |
| 193.90 | 319.0    |
| 195.10 | 199.0    |
| 202.90 | 137.0    |
| 205.00 | 293.0    |
| 205.10 | 295.0    |
| 207.10 | 857.0    |
| 208.10 | 250.0    |
| 208.90 | 170.0    |
| 220.90 | 58.0     |
| 234.80 | 141.0    |
| 249.10 | 957.0    |
| 250.10 | 300.0    |
| 251.10 | 394.0    |
| 251.90 | 132.0    |
| 253.10 | 76.0     |
| 265.10 | 1210.0   |
| 266.10 | 383.0    |
| 267.20 | 387.0    |
| 279.30 | 201.0    |
| 281.10 | 14442.0  |
| 282.00 | 3734.0   |
| 283.20 | 1684.0   |
| 283.90 | 422.0    |
| 285.00 | 156.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 763.0     |
| 37.00  | 4703.0    |
| 38.10  | 3963.0    |
| 39.00  | 1450.0    |
| 40.00  | 123.0     |
| 43.00  | 61.0      |
| 43.90  | 515.0     |
| 45.00  | 843.0     |
| 46.00  | 74.0      |
| 47.10  | 798.0     |
| 48.00  | 524.0     |
| 49.00  | 3782.0    |
| 50.00  | 17736.0   |
| 51.10  | 5458.0    |
| 52.00  | 157.0     |
| 54.80  | 291.0     |
| 56.00  | 1330.0    |
| 57.00  | 2626.0    |
| 57.90  | 96.0      |
| 59.10  | 66.0      |
| 60.00  | 1254.0    |
| 61.10  | 4666.0    |
| 62.00  | 4701.0    |
| 63.00  | 4022.0    |
| 64.10  | 411.0     |
| 65.00  | 370.0     |
| 67.00  | 237.0     |
| 68.00  | 10602.0   |
| 69.00  | 11044.0   |
| 70.00  | 768.0     |
| 72.00  | 685.0     |
| 73.00  | 4943.0    |
| 74.00  | 18304.0   |
| 75.00  | 58024.0   |
| 76.00  | 4503.0    |
| 76.90  | 609.0     |
| 77.90  | 349.0     |
| 79.00  | 3538.0    |
| 80.00  | 929.0     |
| 80.90  | 3322.0    |
| 82.00  | 751.0     |
| 83.10  | 91.0      |
| 85.80  | 76.0      |
| 87.00  | 4399.0    |
| 87.90  | 4648.0    |
| 90.90  | 525.0     |
| 92.00  | 3505.0    |
| 93.00  | 4807.0    |
| 94.10  | 13091.0   |
| 95.00  | 124480.0  |
| 96.10  | 7545.0    |
| 97.00  | 276.0     |
| 102.90 | 246.0     |
| 103.80 | 507.0     |
| 104.90 | 217.0     |
| 105.80 | 403.0     |
| 106.90 | 109.0     |
| 109.80 | 135.0     |
| 110.20 | 84.0      |
| 110.80 | 208.0     |
| 111.90 | 91.0      |
| 113.00 | 144.0     |
| 114.90 | 213.0     |
| 116.00 | 488.0     |
| 116.90 | 786.0     |
| 117.80 | 548.0     |
| 118.90 | 738.0     |
| 124.20 | 77.0      |
| 125.10 | 126.0     |
| 125.60 | 109.0     |
| 126.20 | 74.0      |
| 127.90 | 353.0     |
| 129.00 | 330.0     |
| 129.90 | 328.0     |
| 130.90 | 221.0     |
| 132.20 | 62.0      |
| 133.10 | 696.0     |
| 133.80 | 143.0     |
| 134.90 | 226.0     |
| 136.80 | 191.0     |
| 141.00 | 1244.0    |
| 142.00 | 169.0     |
| 143.00 | 1608.0    |
| 143.80 | 121.0     |
| 144.70 | 146.0     |
| 145.10 | 145.0     |
| 145.90 | 168.0     |
| 146.90 | 110.0     |
| 147.80 | 324.0     |
| 148.80 | 60.0      |
| 149.80 | 113.0     |
| 152.90 | 112.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15

|        |         |
|--------|---------|
| 153.80 | 61.0    |
| 154.90 | 318.0   |
| 156.90 | 325.0   |
| 158.00 | 58.0    |
| 158.90 | 134.0   |
| 161.00 | 154.0   |
| 162.90 | 121.0   |
| 165.10 | 123.0   |
| 170.70 | 79.0    |
| 171.10 | 126.0   |
| 172.10 | 744.0   |
| 174.00 | 99320.0 |
| 175.00 | 7410.0  |
| 176.00 | 99232.0 |
| 177.00 | 6582.0  |
| 177.90 | 203.0   |
| 179.00 | 174.0   |
| 191.00 | 519.0   |
| 192.00 | 145.0   |
| 193.00 | 713.0   |
| 194.00 | 228.0   |
| 195.00 | 89.0    |
| 203.00 | 146.0   |
| 205.20 | 138.0   |
| 207.00 | 641.0   |
| 207.90 | 175.0   |
| 208.90 | 101.0   |
| 235.00 | 122.0   |
| 248.90 | 395.0   |
| 250.20 | 133.0   |
| 250.90 | 226.0   |
| 265.00 | 667.0   |
| 266.00 | 134.0   |
| 266.80 | 97.0    |
| 267.30 | 114.0   |
| 279.50 | 96.0    |
| 281.10 | 6017.0  |
| 282.00 | 1634.0  |
| 283.10 | 905.0   |
| 284.20 | 162.0   |
| 285.00 | 67.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15

Scan 1749 (12.566 min): VW016347.D  
BFB15

| m/z   | Abundance |
|-------|-----------|
| 39.90 | 82.0      |
| 43.90 | 125.0     |
| 73.00 | 52.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB15