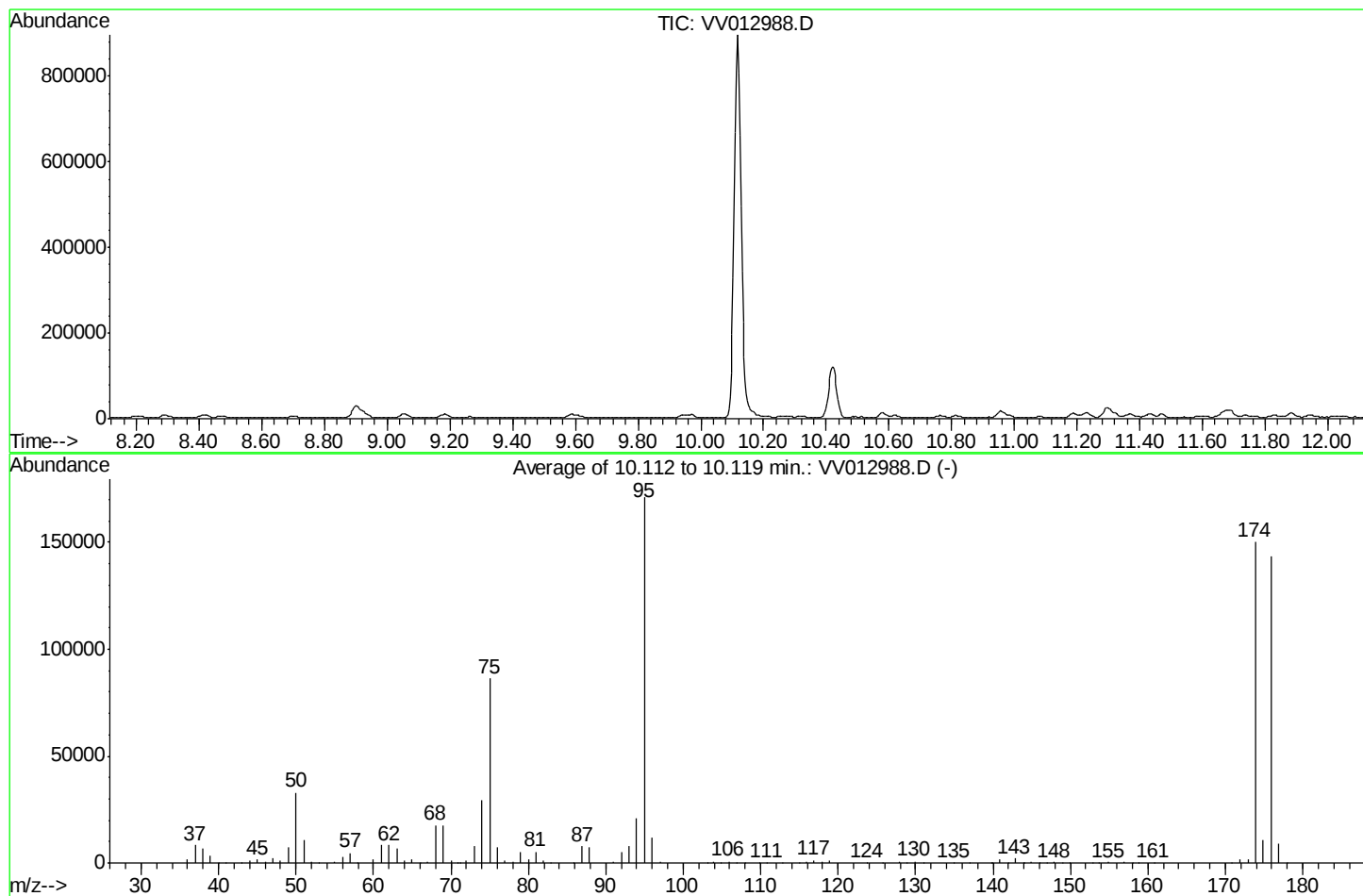


Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092619\  
 Data File : VV012988.D  
 Acq On : 26 Sep 2019 08:54  
 Operator : SY/MD  
 Sample : BFB64  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFB64

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
 Title : VOC Analysis  
 Last Update : Fri Sep 27 02:13:48 2019



AutoFind: Scans 2806, 2807, 2808; Background Corrected with Scan 2794

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 19.2      | 32880   | PASS             |
| 75          | 95           | 30           | 80           | 50.4      | 86266   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 171050  | PASS             |
| 96          | 95           | 5            | 9            | 6.9       | 11747   | PASS             |
| 173         | 174          | 0.00         | 2            | 1.3       | 1971    | PASS             |
| 174         | 95           | 50           | 120          | 87.8      | 150144  | PASS             |
| 175         | 174          | 5            | 9            | 7.2       | 10801   | PASS             |
| 176         | 174          | 95           | 101          | 95.4      | 143253  | PASS             |
| 177         | 176          | 5            | 9            | 6.3       | 8996    | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1562.0    |
| 37.00  | 8325.0    |
| 38.00  | 7045.0    |
| 39.00  | 3272.0    |
| 40.00  | 1109.0    |
| 41.00  | 138.0     |
| 43.00  | 225.0     |
| 44.00  | 1657.0    |
| 45.00  | 1488.0    |
| 46.00  | 222.0     |
| 47.10  | 2025.0    |
| 47.90  | 1035.0    |
| 49.00  | 7191.0    |
| 50.00  | 32056.0   |
| 51.00  | 10109.0   |
| 52.00  | 348.0     |
| 52.90  | 205.0     |
| 54.90  | 447.0     |
| 56.00  | 2536.0    |
| 57.00  | 4299.0    |
| 58.00  | 242.0     |
| 59.90  | 1367.0    |
| 61.00  | 7694.0    |
| 62.00  | 7755.0    |
| 63.00  | 6774.0    |
| 64.00  | 1073.0    |
| 65.00  | 1482.0    |
| 66.00  | 185.0     |
| 66.90  | 446.0     |
| 68.00  | 16928.0   |
| 69.00  | 16896.0   |
| 70.00  | 1254.0    |
| 71.20  | 150.0     |
| 72.00  | 915.0     |
| 73.00  | 7303.0    |
| 74.00  | 27752.0   |
| 75.00  | 81400.0   |
| 76.00  | 6887.0    |
| 77.00  | 1135.0    |
| 78.00  | 786.0     |
| 78.90  | 4840.0    |
| 80.00  | 1541.0    |
| 81.00  | 5054.0    |
| 81.90  | 1025.0    |
| 85.80  | 245.0     |
| 87.00  | 7290.0    |
| 87.90  | 7052.0    |
| 90.90  | 651.0     |
| 92.00  | 4926.0    |
| 93.00  | 7642.0    |
| 94.00  | 20160.0   |
| 95.00  | 161856.0  |
| 96.00  | 11110.0   |
| 97.10  | 366.0     |
| 103.10 | 122.0     |
| 103.90 | 687.0     |
| 104.90 | 173.0     |
| 105.90 | 880.0     |
| 106.80 | 129.0     |
| 109.90 | 196.0     |
| 110.80 | 135.0     |
| 112.80 | 181.0     |
| 114.90 | 203.0     |
| 115.90 | 556.0     |
| 116.90 | 1015.0    |
| 117.90 | 553.0     |
| 118.90 | 1129.0    |
| 123.80 | 148.0     |
| 125.80 | 125.0     |
| 127.80 | 587.0     |
| 128.90 | 330.0     |
| 129.90 | 659.0     |
| 131.00 | 261.0     |
| 135.00 | 260.0     |
| 137.00 | 233.0     |
| 139.70 | 136.0     |
| 140.90 | 1607.0    |
| 142.00 | 189.0     |
| 142.80 | 1914.0    |
| 143.90 | 117.0     |
| 144.90 | 592.0     |
| 145.90 | 280.0     |
| 146.90 | 170.0     |
| 147.90 | 396.0     |
| 149.80 | 228.0     |
| 153.00 | 143.0     |
| 153.70 | 106.0     |
| 154.90 | 398.0     |
| 156.80 | 390.0     |
| 157.90 | 109.0     |
| 158.90 | 227.0     |
| 160.80 | 210.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB64

|        |          |
|--------|----------|
| 170.90 | 328.0    |
| 171.90 | 1586.0   |
| 173.10 | 1777.0   |
| 173.90 | 137088.0 |
| 174.90 | 10106.0  |
| 175.90 | 132288.0 |
| 177.00 | 8366.0   |
| 177.90 | 234.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB64

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1720.0    |
| 37.00  | 8563.0    |
| 38.00  | 7101.0    |
| 39.00  | 3725.0    |
| 40.00  | 1225.0    |
| 40.90  | 122.0     |
| 43.00  | 186.0     |
| 44.00  | 1824.0    |
| 45.00  | 1640.0    |
| 46.10  | 325.0     |
| 47.00  | 2183.0    |
| 48.00  | 1217.0    |
| 49.00  | 7694.0    |
| 50.00  | 33808.0   |
| 51.00  | 11213.0   |
| 52.00  | 417.0     |
| 52.90  | 186.0     |
| 54.90  | 477.0     |
| 56.00  | 3086.0    |
| 57.00  | 4697.0    |
| 57.90  | 247.0     |
| 59.90  | 1667.0    |
| 61.00  | 8626.0    |
| 62.00  | 8835.0    |
| 63.00  | 6654.0    |
| 64.00  | 1121.0    |
| 65.00  | 1481.0    |
| 66.00  | 182.0     |
| 66.90  | 494.0     |
| 68.00  | 18440.0   |
| 69.00  | 17768.0   |
| 70.00  | 1393.0    |
| 71.10  | 130.0     |
| 72.00  | 1043.0    |
| 73.00  | 8254.0    |
| 74.00  | 30256.0   |
| 75.00  | 89120.0   |
| 76.00  | 7875.0    |
| 77.00  | 1254.0    |
| 78.00  | 887.0     |
| 78.90  | 5213.0    |
| 80.00  | 1653.0    |
| 81.00  | 5573.0    |
| 82.00  | 1115.0    |
| 82.80  | 140.0     |
| 85.80  | 284.0     |
| 87.00  | 8067.0    |
| 87.90  | 7751.0    |
| 90.90  | 661.0     |
| 92.00  | 5150.0    |
| 93.00  | 8053.0    |
| 94.00  | 21736.0   |
| 95.00  | 176640.0  |
| 96.00  | 12246.0   |
| 97.10  | 372.0     |
| 103.10 | 159.0     |
| 103.90 | 867.0     |
| 104.90 | 221.0     |
| 105.90 | 904.0     |
| 106.80 | 144.0     |
| 109.90 | 194.0     |
| 110.80 | 137.0     |
| 112.80 | 187.0     |
| 114.90 | 153.0     |
| 115.90 | 607.0     |
| 116.90 | 1180.0    |
| 117.90 | 594.0     |
| 118.90 | 1204.0    |
| 123.70 | 157.0     |
| 125.80 | 124.0     |
| 127.90 | 637.0     |
| 128.90 | 264.0     |
| 129.90 | 778.0     |
| 131.10 | 305.0     |
| 135.00 | 301.0     |
| 137.00 | 280.0     |
| 139.90 | 109.0     |
| 140.90 | 1726.0    |
| 142.00 | 210.0     |
| 142.90 | 2100.0    |
| 144.10 | 113.0     |
| 144.90 | 685.0     |
| 145.90 | 253.0     |
| 146.90 | 188.0     |
| 147.90 | 385.0     |
| 148.90 | 125.0     |
| 149.90 | 190.0     |
| 152.90 | 160.0     |
| 153.70 | 104.0     |
| 154.90 | 446.0     |
| 156.90 | 433.0     |
| 158.00 | 103.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB64

|        |          |
|--------|----------|
| 158.80 | 225.0    |
| 160.80 | 221.0    |
| 170.80 | 326.0    |
| 171.90 | 1692.0   |
| 173.00 | 2045.0   |
| 173.90 | 155200.0 |
| 174.90 | 11070.0  |
| 175.90 | 148288.0 |
| 177.00 | 9200.0   |
| 178.00 | 229.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB64

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1711.0    |
| 37.00  | 8038.0    |
| 38.00  | 6854.0    |
| 39.00  | 3670.0    |
| 39.90  | 1300.0    |
| 41.10  | 103.0     |
| 43.00  | 151.0     |
| 44.00  | 1883.0    |
| 45.00  | 1632.0    |
| 46.10  | 386.0     |
| 46.90  | 2256.0    |
| 48.00  | 1324.0    |
| 49.00  | 7440.0    |
| 50.00  | 32776.0   |
| 51.00  | 11168.0   |
| 52.00  | 446.0     |
| 52.90  | 149.0     |
| 55.00  | 476.0     |
| 56.00  | 3103.0    |
| 57.00  | 4871.0    |
| 57.90  | 217.0     |
| 59.90  | 1740.0    |
| 61.00  | 8385.0    |
| 62.00  | 8722.0    |
| 63.00  | 6239.0    |
| 64.00  | 1004.0    |
| 65.00  | 1350.0    |
| 66.00  | 196.0     |
| 66.90  | 548.0     |
| 68.00  | 17968.0   |
| 69.00  | 17088.0   |
| 70.00  | 1472.0    |
| 70.90  | 116.0     |
| 72.00  | 1028.0    |
| 73.00  | 8098.0    |
| 74.00  | 29920.0   |
| 75.00  | 88280.0   |
| 76.00  | 7881.0    |
| 77.00  | 1295.0    |
| 78.10  | 902.0     |
| 78.90  | 5194.0    |
| 80.00  | 1620.0    |
| 80.90  | 5475.0    |
| 82.00  | 1100.0    |
| 82.90  | 176.0     |
| 85.90  | 330.0     |
| 86.90  | 8323.0    |
| 87.90  | 7494.0    |
| 90.90  | 619.0     |
| 92.00  | 4940.0    |
| 93.00  | 7576.0    |
| 94.00  | 21344.0   |
| 95.00  | 174656.0  |
| 96.00  | 11887.0   |
| 97.00  | 341.0     |
| 103.20 | 156.0     |
| 103.90 | 890.0     |
| 104.90 | 233.0     |
| 105.90 | 784.0     |
| 106.80 | 161.0     |
| 107.90 | 116.0     |
| 109.90 | 144.0     |
| 110.80 | 138.0     |
| 112.80 | 159.0     |
| 114.80 | 111.0     |
| 115.90 | 626.0     |
| 116.90 | 1265.0    |
| 117.90 | 594.0     |
| 118.90 | 1107.0    |
| 123.70 | 124.0     |
| 127.90 | 649.0     |
| 128.80 | 255.0     |
| 129.90 | 810.0     |
| 131.00 | 282.0     |
| 134.80 | 313.0     |
| 136.90 | 298.0     |
| 140.90 | 1677.0    |
| 142.00 | 215.0     |
| 142.90 | 2118.0    |
| 144.00 | 126.0     |
| 144.90 | 709.0     |
| 146.00 | 230.0     |
| 146.90 | 185.0     |
| 148.00 | 362.0     |
| 148.90 | 171.0     |
| 149.90 | 142.0     |
| 152.80 | 166.0     |
| 154.90 | 493.0     |
| 156.90 | 416.0     |
| 158.80 | 207.0     |
| 160.80 | 260.0     |
| 170.80 | 243.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB64

|        |          |
|--------|----------|
| 171.90 | 1665.0   |
| 173.00 | 2092.0   |
| 173.90 | 158144.0 |
| 174.90 | 11229.0  |
| 175.90 | 149184.0 |
| 176.90 | 9423.0   |
| 177.90 | 232.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB64

Scan 2794 (10.074 min): VV012988.D  
BFB64

| m/z   | Abundance |
|-------|-----------|
| 35.90 | 145.0     |
| 38.80 | 161.0     |
| 39.90 | 982.0     |
| 40.80 | 105.0     |
| 44.00 | 847.0     |
| 45.10 | 101.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB64