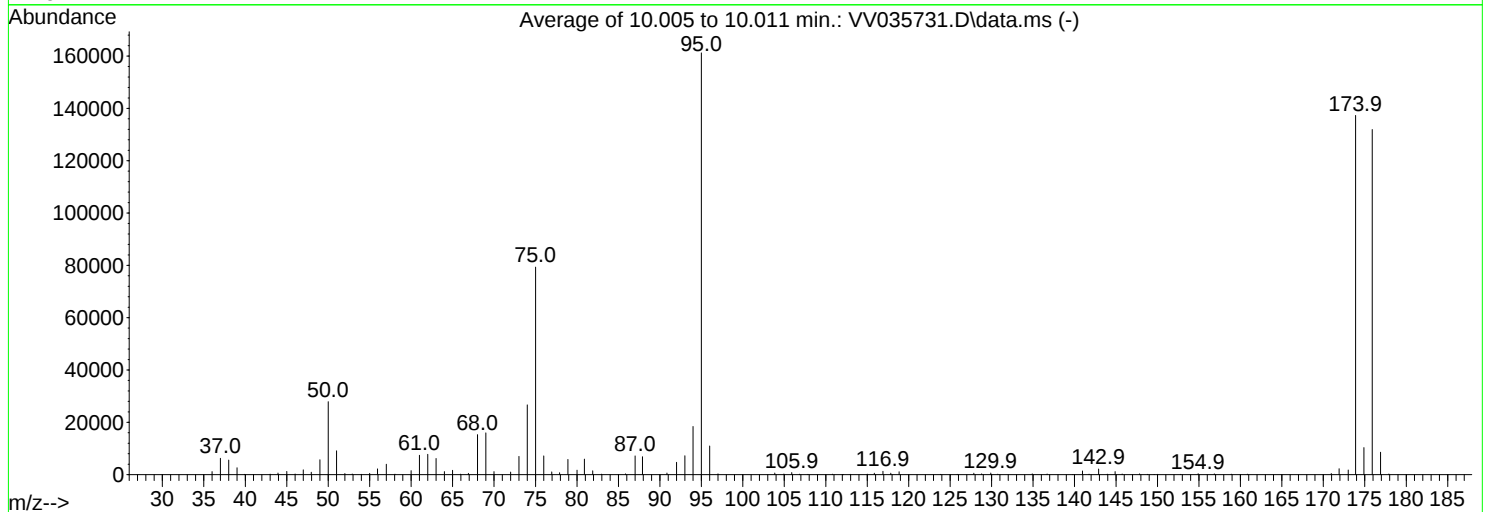
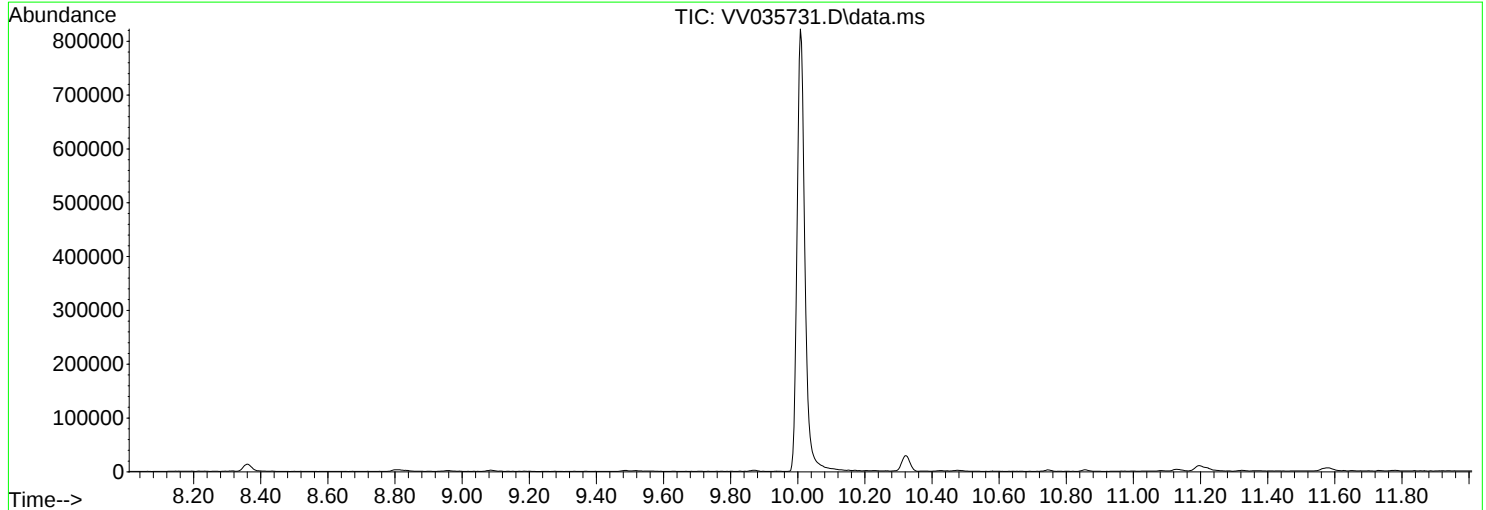


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052424\  
Data File : VV035731.D  
Acq On : 24 May 2024 07:54  
Operator : SY/MD  
Sample : BFB308  
Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Title : VOC Analysis  
Last Update : Mon May 27 05:15:54 2024



AutoFind: Scans 2788, 2789, 2790; Background Corrected with Scan 2777

| 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              | 17.3         | 27867      | PASS                |
| 75             | 95              | 30              | 80              | 49.2         | 79347      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 161237     | PASS                |
| 96             | 95              | 5               | 9               | 6.8          | 10931      | PASS                |
| 173            | 174             | 0.00            | 2               | 1.3          | 1802       | PASS                |
| 174            | 95              | 50              | 120             | 85.2         | 137304     | PASS                |
| 175            | 174             | 5               | 9               | 7.5          | 10363      | PASS                |
| 176            | 174             | 95              | 101             | 96.1         | 131912     | PASS                |
| 177            | 176             | 5               | 9               | 6.5          | 8584       | PASS                |

Scan 2777 (9.969 min): VV035731.D\data.ms  
BFB308

| m/z   | Abundance |
|-------|-----------|
| 39.90 | 420.0     |
| 43.90 | 635.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1239.0    |
| 37.00  | 6154.0    |
| 38.00  | 5621.0    |
| 39.00  | 2570.0    |
| 40.00  | 522.0     |
| 43.00  | 161.0     |
| 44.00  | 1183.0    |
| 45.00  | 1150.0    |
| 46.00  | 228.0     |
| 47.00  | 1813.0    |
| 47.90  | 1006.0    |
| 49.00  | 5686.0    |
| 50.00  | 27032.0   |
| 51.00  | 9047.0    |
| 52.00  | 482.0     |
| 52.90  | 214.0     |
| 54.00  | 107.0     |
| 55.00  | 600.0     |
| 55.90  | 2240.0    |
| 57.00  | 4132.0    |
| 58.10  | 156.0     |
| 60.00  | 1514.0    |
| 61.00  | 7299.0    |
| 62.00  | 7655.0    |
| 63.00  | 6179.0    |
| 64.00  | 1167.0    |
| 65.00  | 1603.0    |
| 65.90  | 194.0     |
| 66.90  | 452.0     |
| 68.00  | 14729.0   |
| 69.00  | 15705.0   |
| 70.00  | 1169.0    |
| 72.00  | 894.0     |
| 73.00  | 6713.0    |
| 74.00  | 25944.0   |
| 75.00  | 78120.0   |
| 76.00  | 7179.0    |
| 77.00  | 933.0     |
| 77.90  | 785.0     |
| 78.90  | 5746.0    |
| 80.00  | 1661.0    |
| 80.90  | 5857.0    |
| 81.90  | 1454.0    |
| 82.90  | 190.0     |
| 85.90  | 290.0     |
| 87.00  | 7207.0    |
| 87.90  | 6633.0    |
| 90.80  | 622.0     |
| 92.00  | 4633.0    |
| 93.00  | 6973.0    |
| 94.00  | 17928.0   |
| 95.00  | 155264.0  |
| 96.00  | 10821.0   |
| 97.00  | 346.0     |
| 103.90 | 569.0     |
| 104.90 | 251.0     |
| 105.90 | 726.0     |
| 106.90 | 172.0     |
| 107.90 | 100.0     |
| 110.80 | 178.0     |
| 112.90 | 130.0     |
| 115.00 | 151.0     |
| 115.90 | 566.0     |
| 116.90 | 1303.0    |
| 117.90 | 539.0     |
| 118.80 | 1179.0    |
| 123.90 | 150.0     |
| 125.80 | 114.0     |
| 127.90 | 512.0     |
| 128.80 | 303.0     |
| 129.90 | 514.0     |
| 130.70 | 191.0     |
| 134.90 | 258.0     |
| 136.70 | 193.0     |
| 140.90 | 1397.0    |
| 141.70 | 143.0     |
| 142.90 | 2204.0    |
| 144.00 | 183.0     |
| 144.90 | 1138.0    |
| 145.80 | 239.0     |
| 147.80 | 306.0     |
| 148.80 | 100.0     |
| 150.00 | 154.0     |
| 152.80 | 143.0     |
| 154.90 | 318.0     |
| 156.90 | 278.0     |
| 158.80 | 130.0     |
| 160.90 | 187.0     |
| 170.90 | 446.0     |
| 171.90 | 2120.0    |
| 173.00 | 1640.0    |
| 173.90 | 128968.0  |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

|        |          |
|--------|----------|
| 174.90 | 9894.0   |
| 175.90 | 123928.0 |
| 176.90 | 8264.0   |
| 177.90 | 180.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1209.0    |
| 37.00  | 6450.0    |
| 38.00  | 5743.0    |
| 39.00  | 2726.0    |
| 39.90  | 537.0     |
| 41.00  | 118.0     |
| 43.00  | 181.0     |
| 44.00  | 1265.0    |
| 45.00  | 1209.0    |
| 46.00  | 252.0     |
| 47.00  | 1923.0    |
| 48.00  | 949.0     |
| 49.00  | 5823.0    |
| 50.00  | 28728.0   |
| 51.00  | 9419.0    |
| 52.00  | 463.0     |
| 52.90  | 249.0     |
| 54.00  | 130.0     |
| 55.00  | 535.0     |
| 56.00  | 2268.0    |
| 57.00  | 4101.0    |
| 58.10  | 190.0     |
| 60.00  | 1645.0    |
| 61.00  | 7730.0    |
| 62.00  | 8060.0    |
| 63.00  | 6379.0    |
| 64.00  | 1154.0    |
| 65.00  | 1705.0    |
| 65.90  | 184.0     |
| 66.90  | 529.0     |
| 68.00  | 15867.0   |
| 69.00  | 16520.0   |
| 70.00  | 1173.0    |
| 72.00  | 977.0     |
| 73.00  | 7255.0    |
| 74.00  | 27544.0   |
| 75.00  | 81976.0   |
| 76.00  | 7395.0    |
| 76.90  | 1057.0    |
| 77.90  | 748.0     |
| 78.90  | 6011.0    |
| 80.00  | 1785.0    |
| 80.90  | 6116.0    |
| 81.90  | 1534.0    |
| 82.90  | 208.0     |
| 85.80  | 302.0     |
| 87.00  | 7447.0    |
| 87.90  | 7054.0    |
| 90.90  | 612.0     |
| 92.00  | 4845.0    |
| 93.00  | 7439.0    |
| 94.00  | 19104.0   |
| 95.00  | 166976.0  |
| 96.00  | 11236.0   |
| 97.00  | 334.0     |
| 103.90 | 598.0     |
| 105.00 | 219.0     |
| 105.90 | 824.0     |
| 106.80 | 173.0     |
| 107.80 | 123.0     |
| 110.80 | 185.0     |
| 113.00 | 137.0     |
| 115.00 | 203.0     |
| 115.80 | 547.0     |
| 116.90 | 1334.0    |
| 117.80 | 573.0     |
| 118.80 | 1145.0    |
| 123.90 | 165.0     |
| 125.80 | 142.0     |
| 127.90 | 539.0     |
| 128.80 | 314.0     |
| 129.90 | 625.0     |
| 130.80 | 213.0     |
| 134.90 | 319.0     |
| 136.70 | 253.0     |
| 139.80 | 113.0     |
| 140.90 | 1410.0    |
| 141.70 | 178.0     |
| 142.90 | 2155.0    |
| 143.90 | 191.0     |
| 144.90 | 1224.0    |
| 145.70 | 284.0     |
| 147.80 | 330.0     |
| 148.80 | 117.0     |
| 150.00 | 167.0     |
| 152.80 | 134.0     |
| 154.90 | 364.0     |
| 156.90 | 332.0     |
| 158.90 | 162.0     |
| 160.90 | 187.0     |
| 171.00 | 438.0     |
| 171.90 | 2375.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

|        |          |
|--------|----------|
| 173.00 | 1903.0   |
| 173.90 | 142144.0 |
| 174.90 | 10768.0  |
| 175.90 | 136640.0 |
| 176.90 | 8845.0   |
| 177.90 | 231.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1129.0    |
| 37.00  | 6171.0    |
| 38.00  | 5388.0    |
| 39.00  | 2619.0    |
| 39.90  | 513.0     |
| 41.00  | 146.0     |
| 43.00  | 170.0     |
| 44.00  | 1264.0    |
| 45.00  | 1242.0    |
| 46.00  | 227.0     |
| 47.00  | 1798.0    |
| 48.00  | 794.0     |
| 49.00  | 5522.0    |
| 50.00  | 27840.0   |
| 51.00  | 8860.0    |
| 52.00  | 411.0     |
| 52.90  | 235.0     |
| 54.00  | 145.0     |
| 55.00  | 418.0     |
| 56.00  | 2075.0    |
| 57.00  | 3702.0    |
| 58.00  | 217.0     |
| 60.00  | 1496.0    |
| 61.00  | 7276.0    |
| 62.00  | 7677.0    |
| 63.00  | 6035.0    |
| 64.00  | 1109.0    |
| 65.00  | 1751.0    |
| 66.00  | 172.0     |
| 66.90  | 468.0     |
| 68.00  | 15373.0   |
| 69.00  | 15614.0   |
| 70.00  | 1086.0    |
| 72.00  | 989.0     |
| 73.00  | 7022.0    |
| 74.00  | 26576.0   |
| 75.00  | 77944.0   |
| 76.00  | 6858.0    |
| 76.90  | 1088.0    |
| 77.90  | 607.0     |
| 78.90  | 5627.0    |
| 80.00  | 1772.0    |
| 80.90  | 5813.0    |
| 81.90  | 1414.0    |
| 83.00  | 210.0     |
| 85.80  | 316.0     |
| 87.00  | 6770.0    |
| 87.90  | 6926.0    |
| 90.90  | 560.0     |
| 92.00  | 4608.0    |
| 93.00  | 7227.0    |
| 94.00  | 18304.0   |
| 95.00  | 161472.0  |
| 96.00  | 10737.0   |
| 97.00  | 277.0     |
| 103.80 | 635.0     |
| 105.00 | 207.0     |
| 105.90 | 759.0     |
| 106.80 | 178.0     |
| 107.80 | 122.0     |
| 110.80 | 180.0     |
| 112.00 | 109.0     |
| 113.00 | 120.0     |
| 115.00 | 236.0     |
| 115.80 | 536.0     |
| 116.90 | 1246.0    |
| 117.80 | 567.0     |
| 118.90 | 994.0     |
| 123.80 | 138.0     |
| 125.90 | 130.0     |
| 127.80 | 574.0     |
| 128.80 | 259.0     |
| 129.90 | 647.0     |
| 130.70 | 191.0     |
| 134.90 | 326.0     |
| 136.70 | 277.0     |
| 139.80 | 109.0     |
| 141.00 | 1367.0    |
| 141.80 | 203.0     |
| 142.90 | 2109.0    |
| 143.90 | 176.0     |
| 144.90 | 1176.0    |
| 145.70 | 315.0     |
| 147.90 | 303.0     |
| 148.80 | 111.0     |
| 149.60 | 125.0     |
| 150.00 | 145.0     |
| 152.80 | 129.0     |
| 154.90 | 351.0     |
| 156.80 | 320.0     |
| 159.00 | 205.0     |
| 160.80 | 198.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB308

|        |          |
|--------|----------|
| 171.00 | 471.0    |
| 171.90 | 2360.0   |
| 173.00 | 1863.0   |
| 173.90 | 140800.0 |
| 174.90 | 10427.0  |
| 175.90 | 135168.0 |
| 176.90 | 8642.0   |
| 177.90 | 255.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB308