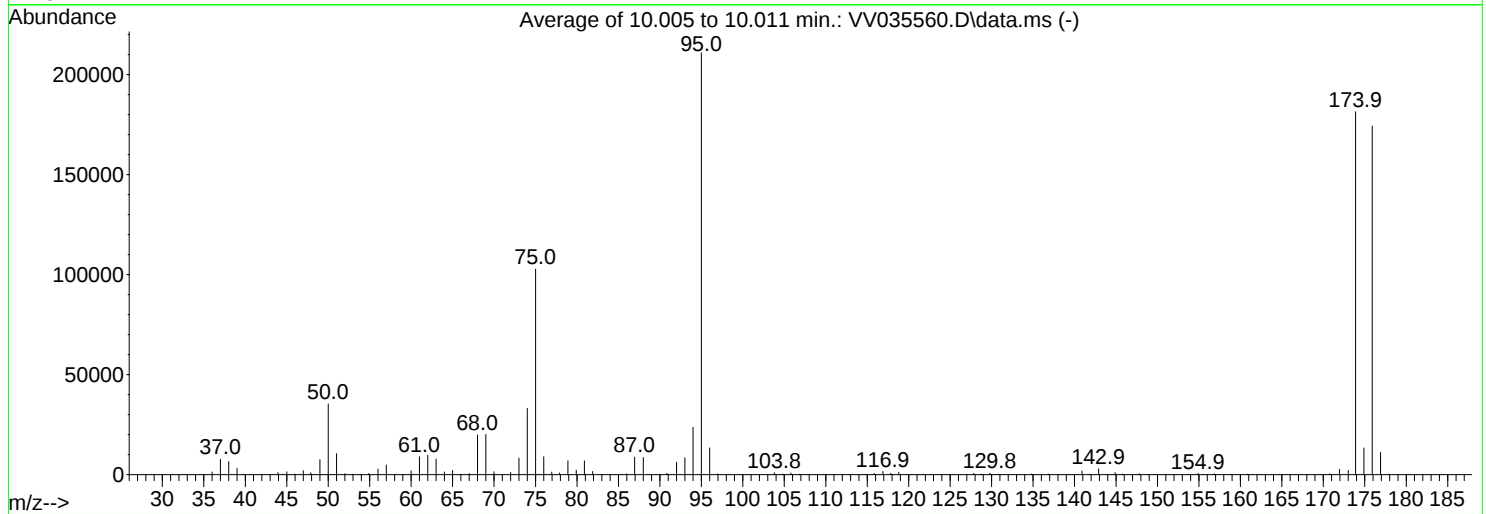
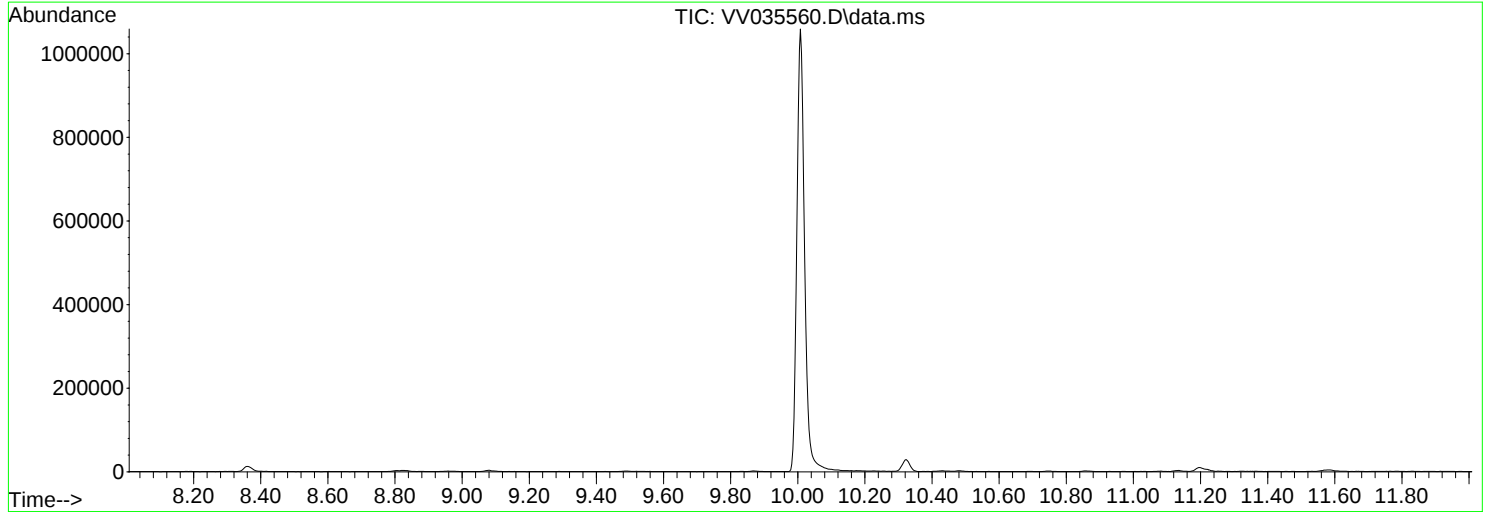


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050924\  
Data File : VV035560.D  
Acq On : 09 May 2024 08:30  
Operator : SY/MD  
Sample : BFB300  
Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB300

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Title : VOC Analysis  
Last Update : Thu May 09 01:17:39 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              | 16.8         | 35371      | PASS                |
| 75             | 95              | 30              | 80              | 48.7         | 102720     | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 210859     | PASS                |
| 96             | 95              | 5               | 9               | 6.3          | 13366      | PASS                |
| 173            | 174             | 0.00            | 2               | 1.1          | 2055       | PASS                |
| 174            | 95              | 50              | 120             | 86.0         | 181376     | PASS                |
| 175            | 174             | 5               | 9               | 7.4          | 13371      | PASS                |
| 176            | 174             | 95              | 101             | 96.1         | 174229     | PASS                |
| 177            | 176             | 5               | 9               | 6.4          | 11163      | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 39.80 | 230.0     |
| 43.90 | 503.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB300

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1397.0    |
| 37.00  | 7675.0    |
| 38.00  | 6568.0    |
| 39.00  | 3192.0    |
| 39.90  | 452.0     |
| 42.90  | 101.0     |
| 44.00  | 1538.0    |
| 45.00  | 1458.0    |
| 45.90  | 305.0     |
| 47.00  | 2070.0    |
| 47.90  | 1048.0    |
| 49.00  | 7384.0    |
| 50.00  | 35632.0   |
| 51.00  | 10556.0   |
| 52.00  | 428.0     |
| 53.00  | 261.0     |
| 53.90  | 114.0     |
| 54.90  | 572.0     |
| 56.00  | 2896.0    |
| 57.00  | 4938.0    |
| 58.10  | 192.0     |
| 60.00  | 1878.0    |
| 61.00  | 9055.0    |
| 62.00  | 9320.0    |
| 63.00  | 7998.0    |
| 64.00  | 1445.0    |
| 65.00  | 2064.0    |
| 66.00  | 253.0     |
| 67.00  | 566.0     |
| 68.00  | 20096.0   |
| 69.00  | 20120.0   |
| 70.00  | 1415.0    |
| 72.00  | 1193.0    |
| 73.00  | 8363.0    |
| 74.00  | 32984.0   |
| 75.00  | 102480.0  |
| 76.00  | 9204.0    |
| 76.90  | 1340.0    |
| 77.90  | 970.0     |
| 78.90  | 7076.0    |
| 79.90  | 2262.0    |
| 80.90  | 6795.0    |
| 81.90  | 1644.0    |
| 82.90  | 201.0     |
| 85.90  | 430.0     |
| 87.00  | 8648.0    |
| 88.00  | 8398.0    |
| 90.90  | 735.0     |
| 92.00  | 5992.0    |
| 93.00  | 8742.0    |
| 94.00  | 23416.0   |
| 95.00  | 208960.0  |
| 96.00  | 13519.0   |
| 97.00  | 425.0     |
| 103.80 | 926.0     |
| 104.80 | 291.0     |
| 105.80 | 813.0     |
| 106.90 | 240.0     |
| 107.80 | 104.0     |
| 109.90 | 126.0     |
| 110.90 | 197.0     |
| 111.90 | 172.0     |
| 112.90 | 126.0     |
| 114.80 | 212.0     |
| 115.90 | 646.0     |
| 116.90 | 1588.0    |
| 117.80 | 793.0     |
| 118.80 | 1219.0    |
| 123.90 | 119.0     |
| 127.90 | 625.0     |
| 128.90 | 297.0     |
| 129.80 | 685.0     |
| 130.80 | 261.0     |
| 134.80 | 368.0     |
| 136.90 | 325.0     |
| 140.90 | 1807.0    |
| 141.80 | 193.0     |
| 142.90 | 3026.0    |
| 144.00 | 160.0     |
| 144.90 | 1086.0    |
| 145.80 | 320.0     |
| 147.80 | 531.0     |
| 148.80 | 162.0     |
| 149.80 | 165.0     |
| 152.90 | 183.0     |
| 153.70 | 170.0     |
| 154.90 | 603.0     |
| 156.90 | 380.0     |
| 158.90 | 149.0     |
| 160.90 | 272.0     |
| 170.80 | 402.0     |
| 171.90 | 2602.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB300

|        |          |
|--------|----------|
| 173.00 | 2025.0   |
| 173.90 | 175488.0 |
| 174.90 | 13092.0  |
| 175.90 | 168384.0 |
| 176.90 | 11064.0  |
| 177.90 | 263.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB300

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1420.0    |
| 37.00  | 7995.0    |
| 38.00  | 6765.0    |
| 39.00  | 3281.0    |
| 39.90  | 430.0     |
| 42.90  | 111.0     |
| 44.00  | 1566.0    |
| 45.00  | 1479.0    |
| 46.00  | 349.0     |
| 47.00  | 2088.0    |
| 47.90  | 1020.0    |
| 49.00  | 7798.0    |
| 50.00  | 36632.0   |
| 51.00  | 10790.0   |
| 52.00  | 502.0     |
| 53.00  | 275.0     |
| 54.90  | 604.0     |
| 56.00  | 3000.0    |
| 57.00  | 4948.0    |
| 58.00  | 224.0     |
| 60.00  | 2046.0    |
| 61.00  | 9176.0    |
| 62.00  | 10034.0   |
| 63.00  | 8013.0    |
| 64.00  | 1424.0    |
| 65.00  | 2115.0    |
| 66.00  | 252.0     |
| 67.00  | 587.0     |
| 68.00  | 20656.0   |
| 69.00  | 20696.0   |
| 70.00  | 1486.0    |
| 72.00  | 1169.0    |
| 73.00  | 8490.0    |
| 74.00  | 34224.0   |
| 75.00  | 106456.0  |
| 76.00  | 9275.0    |
| 76.90  | 1301.0    |
| 77.90  | 963.0     |
| 78.90  | 7195.0    |
| 79.90  | 2296.0    |
| 80.90  | 7116.0    |
| 81.90  | 1656.0    |
| 82.90  | 160.0     |
| 86.00  | 403.0     |
| 87.00  | 9023.0    |
| 88.00  | 8828.0    |
| 90.90  | 738.0     |
| 92.00  | 6404.0    |
| 93.00  | 8755.0    |
| 94.00  | 24536.0   |
| 95.00  | 218560.0  |
| 96.00  | 13722.0   |
| 96.90  | 439.0     |
| 103.80 | 1020.0    |
| 104.80 | 308.0     |
| 105.80 | 842.0     |
| 106.80 | 248.0     |
| 107.80 | 105.0     |
| 110.00 | 127.0     |
| 110.90 | 184.0     |
| 111.90 | 213.0     |
| 112.90 | 181.0     |
| 114.80 | 202.0     |
| 115.80 | 659.0     |
| 116.90 | 1640.0    |
| 117.90 | 767.0     |
| 118.80 | 1258.0    |
| 123.80 | 111.0     |
| 127.90 | 671.0     |
| 128.70 | 332.0     |
| 129.80 | 798.0     |
| 130.80 | 256.0     |
| 134.80 | 363.0     |
| 136.90 | 391.0     |
| 139.90 | 119.0     |
| 140.90 | 1913.0    |
| 141.90 | 228.0     |
| 142.90 | 2954.0    |
| 144.00 | 139.0     |
| 144.90 | 1085.0    |
| 145.80 | 348.0     |
| 146.90 | 133.0     |
| 147.80 | 485.0     |
| 148.90 | 188.0     |
| 149.80 | 191.0     |
| 152.90 | 146.0     |
| 153.70 | 142.0     |
| 154.90 | 645.0     |
| 156.90 | 385.0     |
| 158.90 | 203.0     |
| 160.80 | 254.0     |
| 170.80 | 440.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB300

|        |          |
|--------|----------|
| 171.90 | 2716.0   |
| 173.00 | 2120.0   |
| 173.90 | 188096.0 |
| 174.90 | 13795.0  |
| 175.90 | 180352.0 |
| 176.90 | 11534.0  |
| 177.90 | 315.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB300

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1307.0    |
| 37.00  | 7454.0    |
| 38.00  | 6405.0    |
| 39.00  | 2958.0    |
| 40.00  | 398.0     |
| 42.90  | 135.0     |
| 44.00  | 1485.0    |
| 45.00  | 1353.0    |
| 46.00  | 345.0     |
| 47.00  | 1956.0    |
| 47.90  | 877.0     |
| 49.00  | 7342.0    |
| 50.00  | 33848.0   |
| 51.00  | 10094.0   |
| 52.00  | 496.0     |
| 53.00  | 259.0     |
| 54.90  | 545.0     |
| 56.00  | 2644.0    |
| 57.00  | 4530.0    |
| 58.00  | 230.0     |
| 60.00  | 1902.0    |
| 61.00  | 8711.0    |
| 62.00  | 9640.0    |
| 63.00  | 7393.0    |
| 64.00  | 1248.0    |
| 65.00  | 2012.0    |
| 66.00  | 211.0     |
| 67.00  | 569.0     |
| 68.00  | 18864.0   |
| 69.00  | 19328.0   |
| 70.00  | 1420.0    |
| 72.00  | 963.0     |
| 73.00  | 7975.0    |
| 74.00  | 32248.0   |
| 75.00  | 99224.0   |
| 76.00  | 8409.0    |
| 77.00  | 1236.0    |
| 77.90  | 847.0     |
| 78.90  | 6521.0    |
| 79.90  | 2075.0    |
| 80.90  | 6795.0    |
| 81.90  | 1636.0    |
| 82.90  | 127.0     |
| 86.00  | 339.0     |
| 86.90  | 8463.0    |
| 88.00  | 8479.0    |
| 90.80  | 681.0     |
| 92.00  | 6048.0    |
| 93.00  | 8001.0    |
| 94.00  | 23104.0   |
| 95.00  | 205056.0  |
| 96.00  | 12856.0   |
| 96.90  | 420.0     |
| 103.80 | 965.0     |
| 104.80 | 293.0     |
| 105.80 | 759.0     |
| 106.90 | 221.0     |
| 110.00 | 109.0     |
| 110.90 | 167.0     |
| 111.90 | 216.0     |
| 112.80 | 208.0     |
| 114.80 | 191.0     |
| 115.80 | 671.0     |
| 116.90 | 1531.0    |
| 117.90 | 700.0     |
| 118.80 | 1178.0    |
| 127.80 | 636.0     |
| 128.70 | 345.0     |
| 129.80 | 800.0     |
| 130.80 | 250.0     |
| 134.80 | 321.0     |
| 136.80 | 385.0     |
| 139.90 | 116.0     |
| 140.90 | 1785.0    |
| 141.90 | 262.0     |
| 142.90 | 2609.0    |
| 143.90 | 119.0     |
| 144.90 | 978.0     |
| 145.80 | 348.0     |
| 146.80 | 162.0     |
| 147.80 | 401.0     |
| 148.90 | 179.0     |
| 149.80 | 238.0     |
| 152.90 | 146.0     |
| 153.70 | 121.0     |
| 154.90 | 590.0     |
| 156.80 | 356.0     |
| 158.80 | 243.0     |
| 160.80 | 212.0     |
| 170.80 | 403.0     |
| 172.00 | 2588.0    |
| 173.00 | 2019.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB300

|        |          |
|--------|----------|
| 173.90 | 180544.0 |
| 174.90 | 13225.0  |
| 175.90 | 173952.0 |
| 176.90 | 10890.0  |
| 177.90 | 308.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB300