

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\  
 Data File : VV010670.D  
 Acq On : 03 May 2019 22:16  
 Operator : SY/MD  
 Sample : K2603-23  
 Misc : 5.06G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.319    | 65         | 71       | 80        | rVB   | 60872       | 58622      | 10.02%       | 1.322%     |
| 2      | 1.569    | 142        | 149      | 158       | rVB   | 42630       | 49561      | 8.47%        | 1.118%     |
| 3      | 1.971    | 268        | 274      | 282       | rVB2  | 3524        | 4679       | 0.80%        | 0.106%     |
| 4      | 2.029    | 291        | 292      | 293       | rVB   | 334         | 64         | 0.01%        | 0.001%     |
| 5      | 2.048    | 293        | 298      | 308       | rBV4  | 1053        | 1407       | 0.24%        | 0.032%     |
| 6      | 2.126    | 312        | 322      | 335       | rVV   | 101779      | 142765     | 24.41%       | 3.220%     |
| 7      | 2.183    | 335        | 340      | 352       | rVB7  | 1228        | 2265       | 0.39%        | 0.051%     |
| 8      | 2.315    | 373        | 381      | 398       | rVB2  | 3784        | 6428       | 1.10%        | 0.145%     |
| 9      | 2.495    | 434        | 437      | 440       | rBV2  | 320         | 297        | 0.05%        | 0.007%     |
| 10     | 2.534    | 440        | 449      | 460       | rVB2  | 10556       | 16955      | 2.90%        | 0.382%     |
| 11     | 2.698    | 495        | 500      | 503       | rBV   | 319         | 345        | 0.06%        | 0.008%     |
| 12     | 3.039    | 602        | 606      | 609       | rBV   | 301         | 294        | 0.05%        | 0.007%     |
| 13     | 3.074    | 609        | 617      | 625       | rVV7  | 1062        | 1921       | 0.33%        | 0.043%     |
| 14     | 3.357    | 701        | 705      | 708       | rBV2  | 249         | 192        | 0.03%        | 0.004%     |
| 15     | 3.556    | 763        | 767      | 772       | rBV2  | 211         | 238        | 0.04%        | 0.005%     |
| 16     | 3.627    | 787        | 789      | 792       | rBV   | 188         | 152        | 0.03%        | 0.003%     |
| 17     | 3.717    | 814        | 817      | 819       | rBV2  | 260         | 155        | 0.03%        | 0.003%     |
| 18     | 3.762    | 825        | 831      | 833       | rBV   | 202         | 230        | 0.04%        | 0.005%     |
| 19     | 3.794    | 839        | 841      | 843       | rBV2  | 146         | 82         | 0.01%        | 0.002%     |
| 20     | 3.826    | 849        | 851      | 854       | rBV2  | 158         | 84         | 0.01%        | 0.002%     |
| 21     | 3.933    | 873        | 884      | 912       | rBV   | 20781       | 52385      | 8.95%        | 1.181%     |
| 22     | 4.222    | 972        | 974      | 977       | rBV2  | 210         | 148        | 0.03%        | 0.003%     |
| 23     | 4.283    | 989        | 993      | 997       | rBV   | 332         | 365        | 0.06%        | 0.008%     |
| 24     | 4.399    | 1014       | 1029     | 1058      | rBV   | 96974       | 236792     | 40.48%       | 5.340%     |
| 25     | 4.720    | 1127       | 1129     | 1131      | rBV   | 104         | 48         | 0.01%        | 0.001%     |
| 26     | 4.733    | 1131       | 1133     | 1134      | rVV   | 169         | 62         | 0.01%        | 0.001%     |
| 27     | 4.746    | 1134       | 1137     | 1139      | rVV2  | 186         | 106        | 0.02%        | 0.002%     |
| 28     | 4.823    | 1159       | 1161     | 1165      | rVB2  | 344         | 217        | 0.04%        | 0.005%     |
| 29     | 4.846    | 1165       | 1168     | 1171      | rBV   | 202         | 142        | 0.02%        | 0.003%     |
| 30     | 4.865    | 1171       | 1174     | 1177      | rBV2  | 200         | 187        | 0.03%        | 0.004%     |
| 31     | 4.981    | 1207       | 1210     | 1214      | rVB   | 340         | 251        | 0.04%        | 0.006%     |
| 32     | 5.003    | 1214       | 1217     | 1218      | rBV   | 163         | 80         | 0.01%        | 0.002%     |
| 33     | 5.032    | 1223       | 1226     | 1228      | rBV   | 163         | 127        | 0.02%        | 0.003%     |
| 34     | 5.093    | 1228       | 1245     | 1275      | rBV2  | 231495      | 584982     | 100.00%      | 13.192%    |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.453 | 1355 | 1357 | 1364 | rVB2 | 291    | 213    | 0.04%  | 0.005%  |
| 36 | 5.486 | 1364 | 1367 | 1369 | rBV  | 261    | 140    | 0.02%  | 0.003%  |
| 37 | 5.502 | 1370 | 1372 | 1374 | rVV2 | 137    | 69     | 0.01%  | 0.002%  |
| 38 | 5.531 | 1378 | 1381 | 1383 | rBV  | 168    | 118    | 0.02%  | 0.003%  |
| 39 | 5.566 | 1387 | 1392 | 1394 | rBV  | 248    | 208    | 0.04%  | 0.005%  |
| 40 | 5.662 | 1407 | 1422 | 1449 | rBV  | 200983 | 408416 | 69.82% | 9.210%  |
| 41 | 6.013 | 1527 | 1531 | 1533 | rBV2 | 363    | 305    | 0.05%  | 0.007%  |
| 42 | 6.045 | 1538 | 1541 | 1543 | rBV  | 213    | 159    | 0.03%  | 0.004%  |
| 43 | 6.116 | 1548 | 1563 | 1582 | rBV2 | 133113 | 267522 | 45.73% | 6.033%  |
| 44 | 6.350 | 1634 | 1636 | 1639 | rBV  | 202    | 85     | 0.01%  | 0.002%  |
| 45 | 6.408 | 1650 | 1654 | 1658 | rBV2 | 309    | 347    | 0.06%  | 0.008%  |
| 46 | 6.498 | 1678 | 1682 | 1684 | rBV2 | 273    | 227    | 0.04%  | 0.005%  |
| 47 | 6.531 | 1690 | 1692 | 1695 | rBV  | 113    | 89     | 0.02%  | 0.002%  |
| 48 | 6.572 | 1703 | 1705 | 1706 | rBV  | 138    | 64     | 0.01%  | 0.001%  |
| 49 | 6.608 | 1713 | 1716 | 1717 | rBV2 | 144    | 69     | 0.01%  | 0.002%  |
| 50 | 6.675 | 1735 | 1737 | 1738 | rBV2 | 228    | 106    | 0.02%  | 0.002%  |
| 51 | 6.691 | 1738 | 1742 | 1743 | rBV3 | 1052   | 832    | 0.14%  | 0.019%  |
| 52 | 6.820 | 1773 | 1782 | 1794 | rVB4 | 4134   | 7992   | 1.37%  | 0.180%  |
| 53 | 6.884 | 1798 | 1802 | 1806 | rVB2 | 350    | 301    | 0.05%  | 0.007%  |
| 54 | 6.904 | 1806 | 1808 | 1810 | rBV  | 165    | 88     | 0.02%  | 0.002%  |
| 55 | 6.916 | 1810 | 1812 | 1813 | rBV  | 98     | 40     | 0.01%  | 0.001%  |
| 56 | 6.929 | 1813 | 1816 | 1817 | rBV  | 129    | 82     | 0.01%  | 0.002%  |
| 57 | 6.984 | 1830 | 1833 | 1834 | rBV  | 101    | 53     | 0.01%  | 0.001%  |
| 58 | 7.029 | 1835 | 1847 | 1865 | rBV  | 71626  | 128495 | 21.97% | 2.898%  |
| 59 | 7.161 | 1886 | 1888 | 1894 | rBV2 | 202    | 188    | 0.03%  | 0.004%  |
| 60 | 7.212 | 1901 | 1904 | 1906 | rBV  | 198    | 141    | 0.02%  | 0.003%  |
| 61 | 7.254 | 1914 | 1917 | 1918 | rBV  | 161    | 96     | 0.02%  | 0.002%  |
| 62 | 7.299 | 1925 | 1931 | 1938 | rBV4 | 2118   | 3706   | 0.63%  | 0.084%  |
| 63 | 7.357 | 1938 | 1949 | 1982 | rVV  | 276821 | 504706 | 86.28% | 11.382% |
| 64 | 7.662 | 2033 | 2044 | 2062 | rBV2 | 47565  | 77915  | 13.32% | 1.757%  |
| 65 | 7.743 | 2067 | 2069 | 2070 | rBV  | 179    | 78     | 0.01%  | 0.002%  |
| 66 | 7.871 | 2105 | 2109 | 2113 | rBV2 | 266    | 256    | 0.04%  | 0.006%  |
| 67 | 7.894 | 2113 | 2116 | 2120 | rBV2 | 263    | 208    | 0.04%  | 0.005%  |
| 68 | 8.129 | 2179 | 2189 | 2212 | rBV  | 75746  | 129879 | 22.20% | 2.929%  |
| 69 | 8.354 | 2256 | 2259 | 2261 | rBV3 | 286    | 227    | 0.04%  | 0.005%  |
| 70 | 8.444 | 2284 | 2287 | 2290 | rBV2 | 195    | 156    | 0.03%  | 0.004%  |
| 71 | 8.505 | 2303 | 2306 | 2311 | rBV  | 266    | 213    | 0.04%  | 0.005%  |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 72 | 8.582  | 2329 | 2330 | 2332 | rVB  | 144    | 50     | 0.01%  | 0.001%  |
| 73 | 8.592  | 2332 | 2333 | 2336 | rBV  | 114    | 68     | 0.01%  | 0.002%  |
| 74 | 8.614  | 2336 | 2340 | 2343 | rVV3 | 251    | 207    | 0.04%  | 0.005%  |
| 75 | 8.698  | 2361 | 2366 | 2368 | rBV2 | 145    | 161    | 0.03%  | 0.004%  |
| 76 | 8.730  | 2374 | 2376 | 2381 | rBV2 | 160    | 140    | 0.02%  | 0.003%  |
| 77 | 8.894  | 2415 | 2427 | 2459 | rBV  | 310958 | 534352 | 91.35% | 12.050% |
| 78 | 9.058  | 2472 | 2478 | 2483 | rVB2 | 750    | 819    | 0.14%  | 0.018%  |
| 79 | 9.183  | 2512 | 2517 | 2521 | rBV3 | 401    | 400    | 0.07%  | 0.009%  |
| 80 | 9.231  | 2527 | 2532 | 2535 | rBV2 | 261    | 313    | 0.05%  | 0.007%  |
| 81 | 9.264  | 2539 | 2542 | 2546 | rVB3 | 382    | 311    | 0.05%  | 0.007%  |
| 82 | 9.289  | 2546 | 2550 | 2553 | rBV  | 276    | 300    | 0.05%  | 0.007%  |
| 83 | 9.955  | 2753 | 2757 | 2760 | rBV3 | 272    | 213    | 0.04%  | 0.005%  |
| 84 | 10.009 | 2770 | 2774 | 2779 | rBV2 | 297    | 353    | 0.06%  | 0.008%  |
| 85 | 10.260 | 2840 | 2852 | 2873 | rVB  | 125501 | 197251 | 33.72% | 4.448%  |
| 86 | 10.424 | 2896 | 2903 | 2912 | rVB4 | 2795   | 4423   | 0.76%  | 0.100%  |
| 87 | 11.193 | 3136 | 3142 | 3148 | rBV4 | 1502   | 1789   | 0.31%  | 0.040%  |
| 88 | 11.296 | 3162 | 3174 | 3191 | rBV  | 313137 | 509573 | 87.11% | 11.492% |
| 89 | 11.672 | 3278 | 3291 | 3310 | rBV  | 291279 | 472628 | 80.79% | 10.658% |
| 90 | 11.829 | 3336 | 3340 | 3348 | rBV4 | 457    | 569    | 0.10%  | 0.013%  |
| 91 | 12.016 | 3396 | 3398 | 3402 | rVB2 | 235    | 126    | 0.02%  | 0.003%  |
| 92 | 12.167 | 3442 | 3445 | 3448 | rBV2 | 317    | 202    | 0.03%  | 0.005%  |
| 93 | 12.296 | 3475 | 3485 | 3494 | rVB3 | 3068   | 4576   | 0.78%  | 0.103%  |
| 94 | 13.791 | 3944 | 3950 | 3959 | rVB3 | 6775   | 8606   | 1.47%  | 0.194%  |
| 95 | 14.434 | 4146 | 4150 | 4155 | rBV2 | 397    | 460    | 0.08%  | 0.010%  |

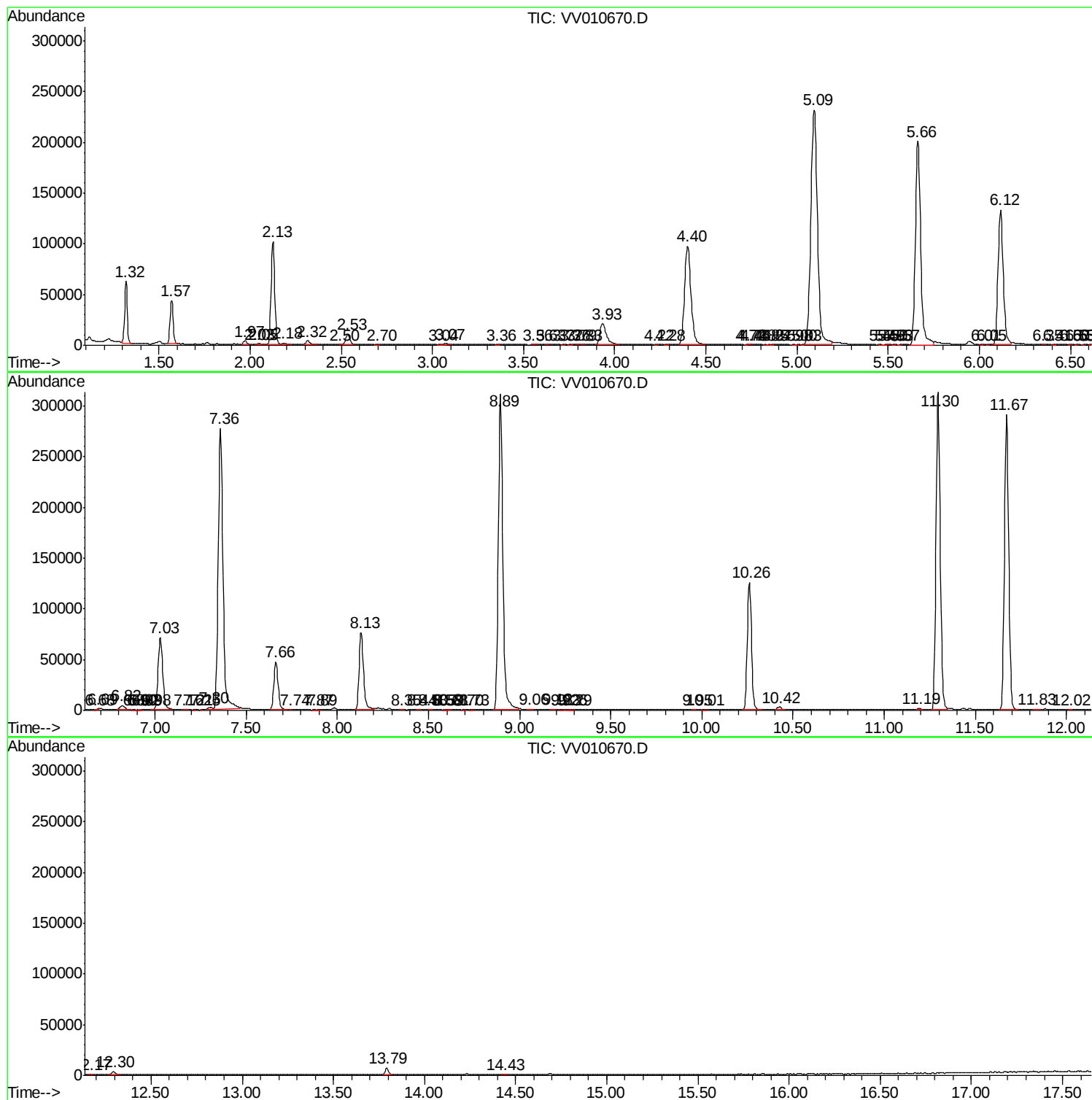
Sum of corrected areas: 4434307

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV050219\  
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Instrument :  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |