

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
 Data File : VV009080.D  
 Acq On : 20 Dec 2018 13:16  
 Operator : SY/MD  
 Sample : J6471-05  
 Misc : 5.18 G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9H14

## 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\SOM2VLM120618S.M  
 Title : VOC Analysis

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.315       | 64            | 70          | 81           | rVB      | 68316          | 70712         | 13.63%          | 2.280%        |
| 2         | 1.579       | 144           | 152         | 162          | rBV      | 64445          | 73261         | 14.12%          | 2.362%        |
| 3         | 2.126       | 311           | 322         | 335          | rBV      | 142170         | 205579        | 39.61%          | 6.628%        |
| 4         | 2.319       | 375           | 382         | 390          | rBV2     | 562            | 832           | 0.16%           | 0.027%        |
| 5         | 2.534       | 439           | 449         | 461          | rVB      | 16944          | 27975         | 5.39%           | 0.902%        |
| 6         | 2.653       | 477           | 486         | 496          | rVB2     | 1068           | 2234          | 0.43%           | 0.072%        |
| 7         | 2.965       | 581           | 583         | 586          | rVB2     | 266            | 148           | 0.03%           | 0.005%        |
| 8         | 3.016       | 595           | 599         | 603          | rBV      | 131            | 176           | 0.03%           | 0.006%        |
| 9         | 3.071       | 607           | 616         | 626          | rBV3     | 3050           | 5060          | 0.98%           | 0.163%        |
| 10        | 3.225       | 660           | 664         | 666          | rBV      | 146            | 154           | 0.03%           | 0.005%        |
| 11        | 3.270       | 676           | 678         | 681          | rBB      | 237            | 133           | 0.03%           | 0.004%        |
| 12        | 3.309       | 686           | 690         | 694          | rBV      | 205            | 249           | 0.05%           | 0.008%        |
| 13        | 3.457       | 731           | 736         | 740          | rBV      | 171            | 238           | 0.05%           | 0.008%        |
| 14        | 3.544       | 759           | 763         | 767          | rBV2     | 412            | 386           | 0.07%           | 0.012%        |
| 15        | 3.566       | 768           | 770         | 773          | rVB      | 276            | 134           | 0.03%           | 0.004%        |
| 16        | 3.605       | 779           | 782         | 787          | rBB      | 157            | 181           | 0.03%           | 0.006%        |
| 17        | 3.663       | 797           | 800         | 803          | rBV      | 155            | 147           | 0.03%           | 0.005%        |
| 18        | 3.724       | 816           | 819         | 821          | rBV      | 138            | 119           | 0.02%           | 0.004%        |
| 19        | 3.804       | 842           | 844         | 848          | rVB      | 305            | 175           | 0.03%           | 0.006%        |
| 20        | 3.968       | 875           | 895         | 934          | rBV3     | 14718          | 71106         | 13.70%          | 2.292%        |
| 21        | 4.190       | 961           | 964         | 967          | rVB      | 520            | 303           | 0.06%           | 0.010%        |
| 22        | 4.396       | 1007          | 1028        | 1055         | rBV      | 94336          | 235453        | 45.37%          | 7.591%        |
| 23        | 4.650       | 1105          | 1107        | 1111         | rBV      | 117            | 125           | 0.02%           | 0.004%        |
| 24        | 4.688       | 1117          | 1119        | 1122         | rBV      | 140            | 119           | 0.02%           | 0.004%        |
| 25        | 4.746       | 1135          | 1137        | 1141         | rBB2     | 252            | 180           | 0.03%           | 0.006%        |
| 26        | 4.778       | 1142          | 1147        | 1150         | rBV      | 166            | 197           | 0.04%           | 0.006%        |
| 27        | 4.923       | 1189          | 1192        | 1197         | rBB2     | 251            | 233           | 0.04%           | 0.008%        |
| 28        | 4.987       | 1209          | 1212        | 1216         | rBB      | 293            | 219           | 0.04%           | 0.007%        |
| 29        | 5.093       | 1226          | 1245        | 1278         | rBV2     | 203001         | 518943        | 100.00%         | 16.730%       |
| 30        | 5.241       | 1287          | 1291        | 1293         | rBV2     | 289            | 158           | 0.03%           | 0.005%        |
| 31        | 5.293       | 1303          | 1307        | 1309         | rBV2     | 197            | 159           | 0.03%           | 0.005%        |
| 32        | 5.444       | 1352          | 1354        | 1358         | rBV      | 230            | 163           | 0.03%           | 0.005%        |
| 33        | 5.460       | 1358          | 1359        | 1362         | rVB      | 339            | 161           | 0.03%           | 0.005%        |
| 34        | 5.524       | 1375          | 1379        | 1381         | rBV      | 236            | 185           | 0.04%           | 0.006%        |

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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\SOM2VLM120618S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.659 | 1407 | 1421 | 1442 | rBV  | 164922 | 330664 | 63.72% | 10.660% |
| 36 | 5.830 | 1471 | 1474 | 1477 | rBV  | 186    | 119    | 0.02%  | 0.004%  |
| 37 | 5.875 | 1482 | 1488 | 1491 | rBV2 | 333    | 459    | 0.09%  | 0.015%  |
| 38 | 5.946 | 1499 | 1510 | 1522 | rBV6 | 11358  | 22867  | 4.41%  | 0.737%  |
| 39 | 6.116 | 1549 | 1563 | 1589 | rBV  | 115670 | 239344 | 46.12% | 7.716%  |
| 40 | 6.277 | 1611 | 1613 | 1618 | rBB  | 138    | 144    | 0.03%  | 0.005%  |
| 41 | 6.354 | 1634 | 1637 | 1643 | rBV  | 231    | 263    | 0.05%  | 0.008%  |
| 42 | 6.560 | 1699 | 1701 | 1704 | rBV2 | 259    | 169    | 0.03%  | 0.005%  |
| 43 | 6.688 | 1738 | 1741 | 1742 | rBV2 | 337    | 188    | 0.04%  | 0.006%  |
| 44 | 6.781 | 1768 | 1770 | 1774 | rBV  | 135    | 140    | 0.03%  | 0.005%  |
| 45 | 6.820 | 1774 | 1782 | 1792 | rVB3 | 1934   | 3048   | 0.59%  | 0.098%  |
| 46 | 7.029 | 1834 | 1847 | 1868 | rBB2 | 28622  | 50857  | 9.80%  | 1.640%  |
| 47 | 7.119 | 1872 | 1875 | 1877 | rBV  | 269    | 210    | 0.04%  | 0.007%  |
| 48 | 7.174 | 1887 | 1892 | 1894 | rBV  | 135    | 137    | 0.03%  | 0.004%  |
| 49 | 7.283 | 1915 | 1926 | 1929 | rBV5 | 2419   | 3658   | 0.70%  | 0.118%  |
| 50 | 7.360 | 1937 | 1950 | 1965 | rBV  | 208913 | 362435 | 69.84% | 11.684% |
| 51 | 7.666 | 2032 | 2045 | 2060 | rBV  | 18126  | 30666  | 5.91%  | 0.989%  |
| 52 | 7.756 | 2070 | 2073 | 2076 | rBV2 | 280    | 234    | 0.05%  | 0.008%  |
| 53 | 7.936 | 2124 | 2129 | 2134 | rVB2 | 184    | 244    | 0.05%  | 0.008%  |
| 54 | 7.981 | 2134 | 2143 | 2150 | rBV4 | 1790   | 2915   | 0.56%  | 0.094%  |
| 55 | 8.145 | 2183 | 2194 | 2199 | rBV5 | 12113  | 23059  | 4.44%  | 0.743%  |
| 56 | 8.386 | 2265 | 2269 | 2270 | rBV  | 159    | 137    | 0.03%  | 0.004%  |
| 57 | 8.466 | 2289 | 2294 | 2302 | rVB2 | 649    | 1006   | 0.19%  | 0.032%  |
| 58 | 8.511 | 2303 | 2308 | 2313 | rBV  | 238    | 300    | 0.06%  | 0.010%  |
| 59 | 8.682 | 2357 | 2361 | 2363 | rBV  | 174    | 180    | 0.03%  | 0.006%  |
| 60 | 8.746 | 2374 | 2381 | 2384 | rBB  | 155    | 211    | 0.04%  | 0.007%  |
| 61 | 8.769 | 2384 | 2388 | 2391 | rBB  | 257    | 181    | 0.03%  | 0.006%  |
| 62 | 8.807 | 2397 | 2400 | 2403 | rBV  | 164    | 161    | 0.03%  | 0.005%  |
| 63 | 8.839 | 2407 | 2410 | 2413 | rVB2 | 275    | 208    | 0.04%  | 0.007%  |
| 64 | 8.897 | 2413 | 2428 | 2454 | rBV  | 177726 | 305891 | 58.95% | 9.862%  |
| 65 | 9.058 | 2473 | 2478 | 2486 | rVB2 | 1655   | 1898   | 0.37%  | 0.061%  |
| 66 | 9.142 | 2500 | 2504 | 2508 | rBB  | 163    | 179    | 0.03%  | 0.006%  |
| 67 | 9.183 | 2508 | 2517 | 2525 | rBV3 | 1822   | 2984   | 0.58%  | 0.096%  |
| 68 | 9.315 | 2555 | 2558 | 2562 | rBV  | 134    | 168    | 0.03%  | 0.005%  |
| 69 | 9.457 | 2599 | 2602 | 2605 | rBV  | 148    | 149    | 0.03%  | 0.005%  |
| 70 | 9.601 | 2637 | 2647 | 2660 | rVB7 | 2026   | 4177   | 0.80%  | 0.135%  |
| 71 | 9.897 | 2733 | 2739 | 2742 | rBV  | 235    | 294    | 0.06%  | 0.009%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 72  | 9.977  | 2757 | 2764 | 2772 | rBV3 | 1711  | 2305   | 0.44%  | 0.074% |
| 73  | 10.109 | 2802 | 2805 | 2807 | rBV  | 226   | 191    | 0.04%  | 0.006% |
| 74  | 10.132 | 2807 | 2812 | 2819 | rVB3 | 345   | 491    | 0.09%  | 0.016% |
| 75  | 10.264 | 2842 | 2853 | 2868 | rBV  | 77037 | 126919 | 24.46% | 4.092% |
| 76  | 10.428 | 2895 | 2904 | 2916 | rVB3 | 8064  | 13135  | 2.53%  | 0.423% |
| 77  | 10.486 | 2916 | 2922 | 2926 | rBV  | 245   | 347    | 0.07%  | 0.011% |
| 78  | 10.717 | 2991 | 2994 | 2996 | rBV  | 195   | 148    | 0.03%  | 0.005% |
| 79  | 10.730 | 2996 | 2998 | 3001 | rVB  | 283   | 154    | 0.03%  | 0.005% |
| 80  | 10.768 | 3001 | 3010 | 3014 | rBV  | 226   | 420    | 0.08%  | 0.014% |
| 81  | 10.826 | 3025 | 3028 | 3029 | rBV2 | 201   | 139    | 0.03%  | 0.004% |
| 82  | 10.881 | 3042 | 3045 | 3050 | rBV  | 283   | 277    | 0.05%  | 0.009% |
| 83  | 11.167 | 3132 | 3134 | 3137 | rBV  | 243   | 130    | 0.03%  | 0.004% |
| 84  | 11.193 | 3137 | 3142 | 3145 | rBV  | 695   | 580    | 0.11%  | 0.019% |
| 85  | 11.231 | 3147 | 3154 | 3161 | rVB3 | 1693  | 2309   | 0.44%  | 0.074% |
| 86  | 11.299 | 3164 | 3175 | 3192 | rVB  | 99155 | 173101 | 33.36% | 5.581% |
| 87  | 11.460 | 3222 | 3225 | 3231 | rVB2 | 229   | 281    | 0.05%  | 0.009% |
| 88  | 11.675 | 3281 | 3292 | 3311 | rVB  | 96922 | 163524 | 31.51% | 5.272% |
| 89  | 12.296 | 3479 | 3485 | 3494 | rVB  | 927   | 1418   | 0.27%  | 0.046% |
| 90  | 12.344 | 3494 | 3500 | 3503 | rBV2 | 340   | 423    | 0.08%  | 0.014% |
| 91  | 12.701 | 3605 | 3611 | 3621 | rVB3 | 1456  | 1705   | 0.33%  | 0.055% |
| 92  | 13.212 | 3767 | 3770 | 3775 | rVB2 | 864   | 685    | 0.13%  | 0.022% |
| 93  | 13.321 | 3795 | 3804 | 3809 | rVB3 | 1073  | 1500   | 0.29%  | 0.048% |
| 94  | 13.418 | 3829 | 3834 | 3839 | rBV  | 318   | 288    | 0.06%  | 0.009% |
| 95  | 13.559 | 3873 | 3878 | 3890 | rVB3 | 1266  | 2094   | 0.40%  | 0.068% |
| 96  | 13.688 | 3915 | 3918 | 3922 | rBV  | 228   | 164    | 0.03%  | 0.005% |
| 97  | 13.801 | 3945 | 3953 | 3960 | rVB3 | 2189  | 2750   | 0.53%  | 0.089% |
| 98  | 14.264 | 4095 | 4097 | 4103 | rVB2 | 343   | 257    | 0.05%  | 0.008% |
| 99  | 14.331 | 4114 | 4118 | 4121 | rBV3 | 379   | 345    | 0.07%  | 0.011% |
| 100 | 14.521 | 4174 | 4177 | 4180 | rBV  | 313   | 232    | 0.04%  | 0.007% |

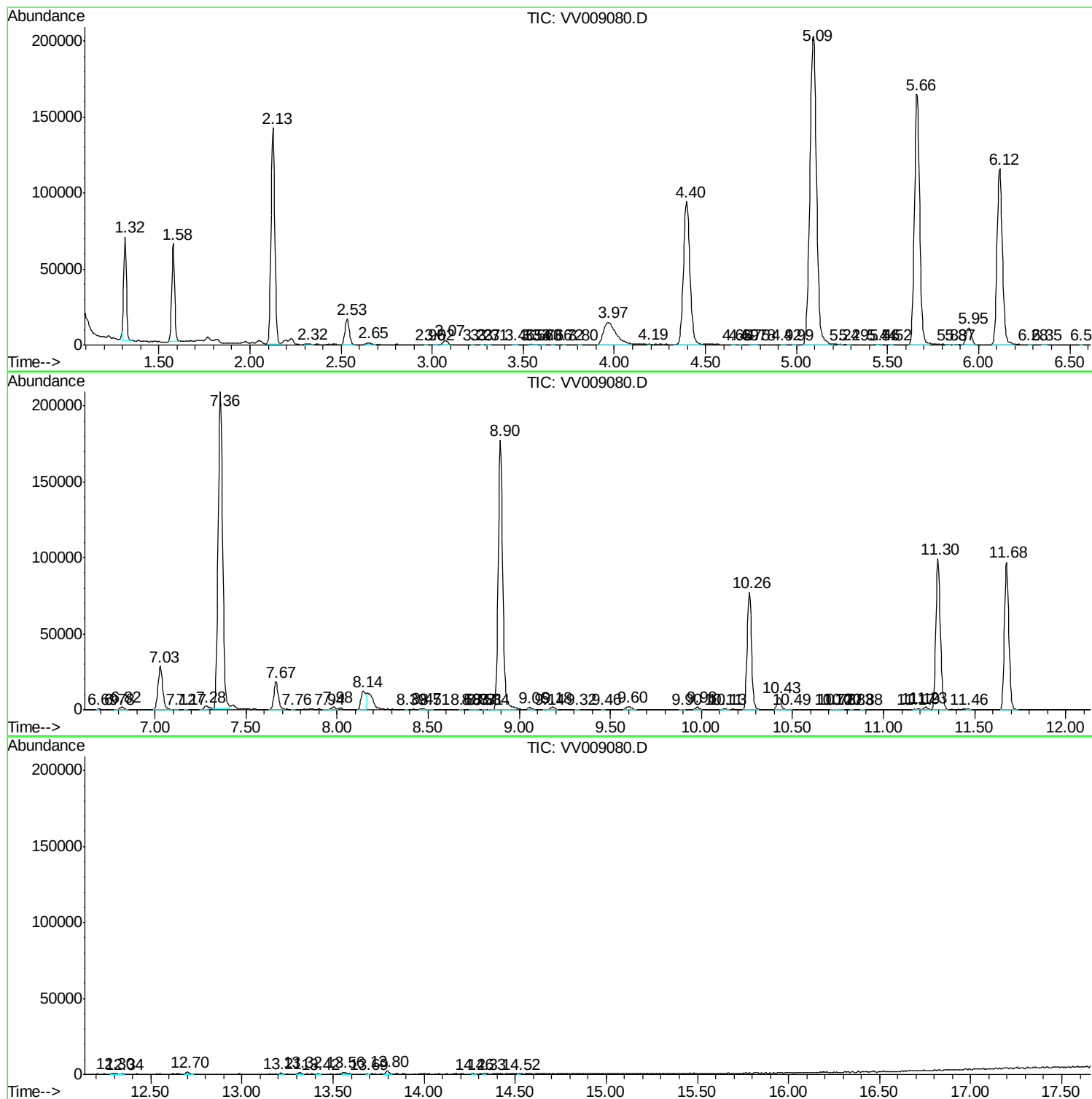
Sum of corrected areas: 3101853

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
Data File : VV009080.D  
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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        |