

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\  
 Data File : VV009174.D  
 Acq On : 04 Jan 2019 22:43  
 Operator : SY/MD  
 Sample : K1051-07  
 Misc : 6.58 G/10ML/MSVOA V/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BE9X5

## 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\SOM2VLM010419S.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    | 64         | 71       | 88        | rVB   | 57956       | 63905      | 10.02%       | 1.191%     |
| 2      | 1.582    | 147        | 153      | 164       | rBV   | 52905       | 57895      | 9.07%        | 1.079%     |
| 3      | 2.129    | 313        | 323      | 336       | rBV   | 151697      | 212491     | 33.30%       | 3.960%     |
| 4      | 2.322    | 378        | 383      | 391       | rVB2  | 504         | 620        | 0.10%        | 0.012%     |
| 5      | 2.386    | 397        | 403      | 404       | rBV   | 327         | 352        | 0.06%        | 0.007%     |
| 6      | 2.434    | 415        | 418      | 422       | rBV2  | 267         | 233        | 0.04%        | 0.004%     |
| 7      | 2.470    | 423        | 429      | 438       | rVB4  | 781         | 1318       | 0.21%        | 0.025%     |
| 8      | 2.537    | 439        | 450      | 462       | rBV   | 52673       | 84672      | 13.27%       | 1.578%     |
| 9      | 2.605    | 463        | 471      | 481       | rVV3  | 10982       | 18840      | 2.95%        | 0.351%     |
| 10     | 2.656    | 481        | 487      | 497       | rVB3  | 2547        | 3979       | 0.62%        | 0.074%     |
| 11     | 2.721    | 502        | 507      | 508       | rBV2  | 1221        | 1092       | 0.17%        | 0.020%     |
| 12     | 3.071    | 610        | 616      | 628       | rVB5  | 2363        | 4215       | 0.66%        | 0.079%     |
| 13     | 3.286    | 677        | 683      | 685       | rBV2  | 266         | 250        | 0.04%        | 0.005%     |
| 14     | 4.007    | 880        | 907      | 941       | rBV3  | 63998       | 331114     | 51.89%       | 6.171%     |
| 15     | 4.402    | 1014       | 1030     | 1055      | rBV   | 105448      | 251968     | 39.49%       | 4.696%     |
| 16     | 4.582    | 1080       | 1086     | 1090      | rBV3  | 366         | 445        | 0.07%        | 0.008%     |
| 17     | 4.621    | 1094       | 1098     | 1102      | rBV3  | 420         | 534        | 0.08%        | 0.010%     |
| 18     | 4.692    | 1116       | 1120     | 1123      | rBV2  | 251         | 225        | 0.04%        | 0.004%     |
| 19     | 4.765    | 1141       | 1143     | 1149      | rVB2  | 341         | 286        | 0.04%        | 0.005%     |
| 20     | 4.811    | 1149       | 1157     | 1159      | rBV3  | 368         | 500        | 0.08%        | 0.009%     |
| 21     | 4.868    | 1172       | 1175     | 1178      | rBV3  | 319         | 291        | 0.05%        | 0.005%     |
| 22     | 5.013    | 1215       | 1220     | 1222      | rBV2  | 299         | 318        | 0.05%        | 0.006%     |
| 23     | 5.097    | 1227       | 1246     | 1257      | rBV2  | 238734      | 599835     | 94.01%       | 11.179%    |
| 24     | 5.338    | 1316       | 1321     | 1324      | rBV3  | 329         | 346        | 0.05%        | 0.006%     |
| 25     | 5.412    | 1340       | 1344     | 1347      | rBV2  | 291         | 246        | 0.04%        | 0.005%     |
| 26     | 5.437    | 1347       | 1352     | 1354      | rBV3  | 346         | 270        | 0.04%        | 0.005%     |
| 27     | 5.540    | 1380       | 1384     | 1388      | rVB3  | 458         | 379        | 0.06%        | 0.007%     |
| 28     | 5.598    | 1400       | 1402     | 1408      | rVB   | 349         | 239        | 0.04%        | 0.004%     |
| 29     | 5.666    | 1408       | 1423     | 1445      | rBV   | 267360      | 522778     | 81.93%       | 9.743%     |
| 30     | 5.962    | 1502       | 1515     | 1529      | rBV3  | 36239       | 71377      | 11.19%       | 1.330%     |
| 31     | 6.119    | 1549       | 1564     | 1591      | rBV   | 135031      | 272727     | 42.74%       | 5.083%     |
| 32     | 6.585    | 1704       | 1709     | 1713      | rVB2  | 241         | 278        | 0.04%        | 0.005%     |
| 33     | 6.650    | 1721       | 1729     | 1738      | rVB5  | 899         | 1674       | 0.26%        | 0.031%     |
| 34     | 6.798    | 1770       | 1775     | 1779      | rVB   | 305         | 271        | 0.04%        | 0.005%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 6.846  | 1785 | 1790 | 1792 | rBV  | 315    | 364    | 0.06%   | 0.007%  |
| 36 | 6.942  | 1817 | 1820 | 1824 | rBV2 | 251    | 232    | 0.04%   | 0.004%  |
| 37 | 7.032  | 1833 | 1848 | 1872 | rBV  | 68380  | 127137 | 19.92%  | 2.369%  |
| 38 | 7.177  | 1887 | 1893 | 1900 | rBV3 | 623    | 870    | 0.14%   | 0.016%  |
| 39 | 7.283  | 1921 | 1926 | 1927 | rBV2 | 975    | 724    | 0.11%   | 0.013%  |
| 40 | 7.360  | 1937 | 1950 | 1966 | rBV  | 285913 | 498223 | 78.08%  | 9.285%  |
| 41 | 7.566  | 2011 | 2014 | 2015 | rBV  | 365    | 224    | 0.04%   | 0.004%  |
| 42 | 7.666  | 2035 | 2045 | 2059 | rVV  | 45032  | 75126  | 11.77%  | 1.400%  |
| 43 | 7.791  | 2083 | 2084 | 2088 | rVB2 | 415    | 286    | 0.04%   | 0.005%  |
| 44 | 7.836  | 2095 | 2098 | 2101 | rVB2 | 530    | 371    | 0.06%   | 0.007%  |
| 45 | 7.987  | 2135 | 2145 | 2151 | rBV3 | 4403   | 7683   | 1.20%   | 0.143%  |
| 46 | 8.071  | 2167 | 2171 | 2174 | rBV3 | 313    | 287    | 0.04%   | 0.005%  |
| 47 | 8.148  | 2183 | 2195 | 2224 | rBV3 | 60014  | 132414 | 20.75%  | 2.468%  |
| 48 | 8.354  | 2254 | 2259 | 2262 | rVB2 | 304    | 277    | 0.04%   | 0.005%  |
| 49 | 8.470  | 2291 | 2295 | 2298 | rBV3 | 585    | 548    | 0.09%   | 0.010%  |
| 50 | 8.698  | 2362 | 2366 | 2367 | rBV  | 317    | 223    | 0.03%   | 0.004%  |
| 51 | 8.897  | 2415 | 2428 | 2457 | rBV  | 380190 | 638084 | 100.00% | 11.892% |
| 52 | 9.061  | 2471 | 2479 | 2485 | rBV2 | 779    | 1100   | 0.17%   | 0.021%  |
| 53 | 9.183  | 2510 | 2517 | 2524 | rVB4 | 1271   | 1609   | 0.25%   | 0.030%  |
| 54 | 9.370  | 2572 | 2575 | 2581 | rVB2 | 252    | 245    | 0.04%   | 0.005%  |
| 55 | 9.453  | 2597 | 2601 | 2607 | rVB2 | 260    | 310    | 0.05%   | 0.006%  |
| 56 | 9.492  | 2607 | 2613 | 2617 | rBV2 | 237    | 277    | 0.04%   | 0.005%  |
| 57 | 9.592  | 2636 | 2644 | 2648 | rBV3 | 924    | 1247   | 0.20%   | 0.023%  |
| 58 | 10.039 | 2778 | 2783 | 2787 | rBV2 | 240    | 278    | 0.04%   | 0.005%  |
| 59 | 10.064 | 2789 | 2791 | 2796 | rVV  | 306    | 243    | 0.04%   | 0.005%  |
| 60 | 10.264 | 2840 | 2853 | 2873 | rVV  | 122975 | 194261 | 30.44%  | 3.620%  |
| 61 | 10.428 | 2890 | 2904 | 2920 | rBV  | 42227  | 72831  | 11.41%  | 1.357%  |
| 62 | 10.524 | 2930 | 2934 | 2938 | rBV2 | 277    | 220    | 0.03%   | 0.004%  |
| 63 | 10.621 | 2956 | 2964 | 2973 | rVB4 | 2529   | 3461   | 0.54%   | 0.065%  |
| 64 | 10.733 | 2996 | 2999 | 3005 | rBV  | 320    | 304    | 0.05%   | 0.006%  |
| 65 | 10.958 | 3065 | 3069 | 3073 | rVB4 | 518    | 501    | 0.08%   | 0.009%  |
| 66 | 11.087 | 3107 | 3109 | 3114 | rVB3 | 488    | 325    | 0.05%   | 0.006%  |
| 67 | 11.138 | 3117 | 3125 | 3127 | rBV  | 396    | 417    | 0.07%   | 0.008%  |
| 68 | 11.196 | 3135 | 3143 | 3148 | rBV5 | 1754   | 2506   | 0.39%   | 0.047%  |
| 69 | 11.231 | 3152 | 3154 | 3162 | rVB5 | 1273   | 1085   | 0.17%   | 0.020%  |
| 70 | 11.296 | 3162 | 3174 | 3192 | rBV  | 372565 | 593885 | 93.07%  | 11.068% |
| 71 | 11.370 | 3192 | 3197 | 3205 | rVB5 | 1525   | 2456   | 0.38%   | 0.046%  |

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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\SOM2VLM010419S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 11.473 | 3225 | 3229 | 3238 | rVB5 | 1702   | 2278   | 0.36%  | 0.042% |
| 73  | 11.530 | 3243 | 3247 | 3251 | rBV3 | 651    | 620    | 0.10%  | 0.012% |
| 74  | 11.579 | 3258 | 3262 | 3270 | rBV6 | 874    | 1480   | 0.23%  | 0.028% |
| 75  | 11.672 | 3280 | 3291 | 3312 | rBV  | 284545 | 457771 | 71.74% | 8.531% |
| 76  | 11.829 | 3335 | 3340 | 3349 | rBV5 | 1836   | 2836   | 0.44%  | 0.053% |
| 77  | 12.209 | 3452 | 3458 | 3460 | rBV3 | 838    | 686    | 0.11%  | 0.013% |
| 78  | 12.309 | 3478 | 3489 | 3500 | rBV4 | 5012   | 11174  | 1.75%  | 0.208% |
| 79  | 12.447 | 3529 | 3532 | 3533 | rBV  | 520    | 288    | 0.05%  | 0.005% |
| 80  | 12.456 | 3533 | 3535 | 3536 | rBV2 | 1249   | 599    | 0.09%  | 0.011% |
| 81  | 12.511 | 3548 | 3552 | 3555 | rBV  | 526    | 457    | 0.07%  | 0.009% |
| 82  | 12.540 | 3555 | 3561 | 3564 | rBV3 | 343    | 303    | 0.05%  | 0.006% |
| 83  | 12.640 | 3587 | 3592 | 3601 | rVB4 | 1220   | 1318   | 0.21%  | 0.025% |
| 84  | 12.694 | 3602 | 3609 | 3616 | rBV5 | 895    | 1206   | 0.19%  | 0.022% |
| 85  | 12.858 | 3657 | 3660 | 3664 | rVV3 | 453    | 430    | 0.07%  | 0.008% |
| 86  | 12.894 | 3667 | 3671 | 3675 | rVB  | 900    | 670    | 0.11%  | 0.012% |
| 87  | 12.939 | 3677 | 3685 | 3690 | rBV3 | 2274   | 3129   | 0.49%  | 0.058% |
| 88  | 13.013 | 3704 | 3708 | 3710 | rVB2 | 358    | 295    | 0.05%  | 0.005% |
| 89  | 13.029 | 3710 | 3713 | 3719 | rBV  | 435    | 486    | 0.08%  | 0.009% |
| 90  | 13.215 | 3765 | 3771 | 3772 | rBV2 | 248    | 230    | 0.04%  | 0.004% |
| 91  | 13.312 | 3798 | 3801 | 3806 | rBV3 | 405    | 418    | 0.07%  | 0.008% |
| 92  | 13.437 | 3835 | 3840 | 3842 | rBV2 | 358    | 336    | 0.05%  | 0.006% |
| 93  | 13.556 | 3873 | 3877 | 3878 | rBV  | 330    | 233    | 0.04%  | 0.004% |
| 94  | 14.897 | 4288 | 4294 | 4301 | rVV4 | 1966   | 2658   | 0.42%  | 0.050% |
| 95  | 15.206 | 4388 | 4390 | 4394 | rVB2 | 467    | 289    | 0.05%  | 0.005% |
| 96  | 15.463 | 4465 | 4470 | 4477 | rBV4 | 2286   | 3455   | 0.54%  | 0.064% |
| 97  | 15.575 | 4503 | 4505 | 4509 | rBV2 | 498    | 378    | 0.06%  | 0.007% |
| 98  | 15.653 | 4526 | 4529 | 4531 | rBV3 | 652    | 347    | 0.05%  | 0.006% |
| 99  | 15.781 | 4562 | 4569 | 4577 | rBV4 | 2991   | 4172   | 0.65%  | 0.078% |
| 100 | 16.000 | 4635 | 4637 | 4640 | rBV3 | 777    | 622    | 0.10%  | 0.012% |

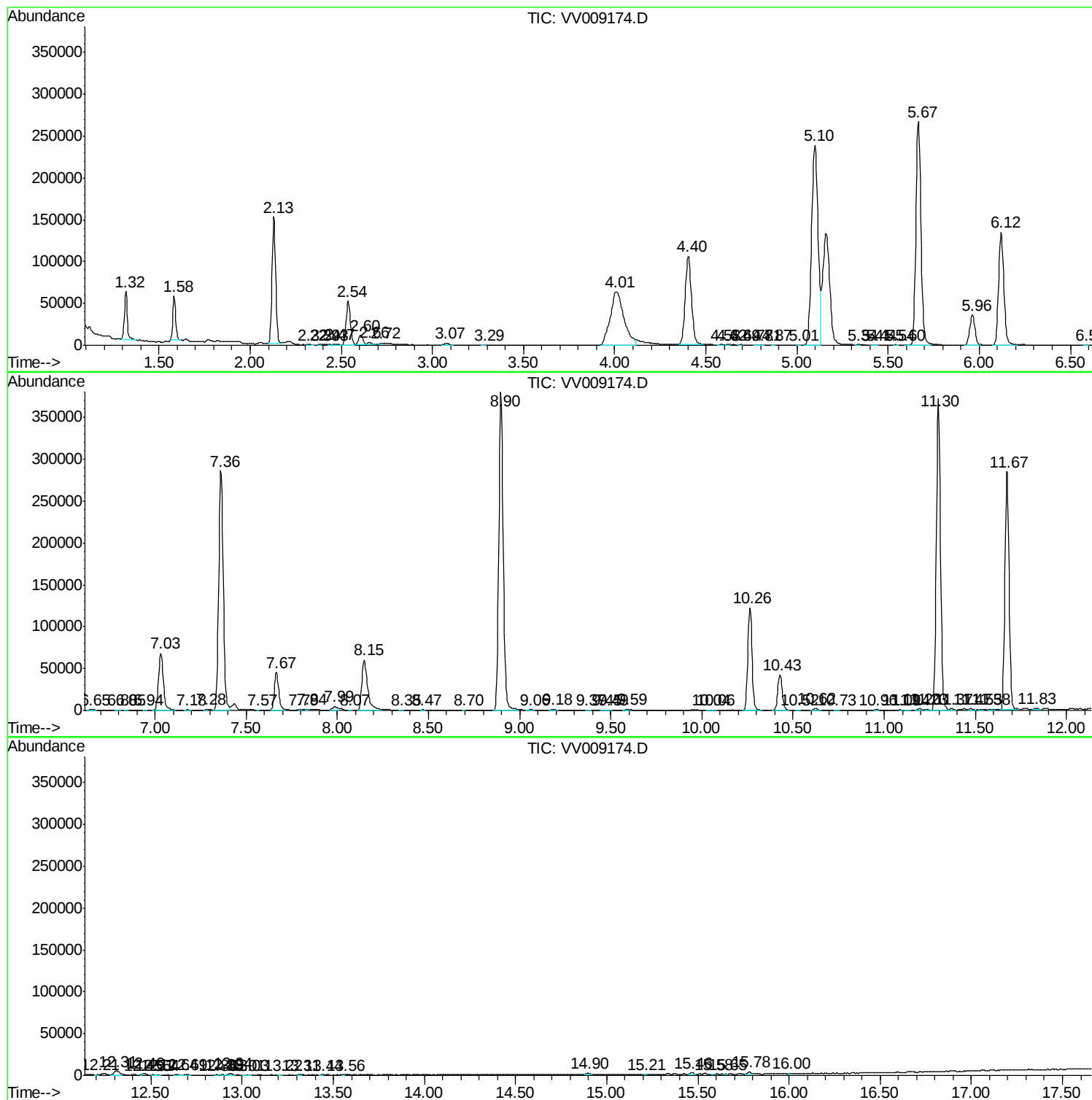
Sum of corrected areas: 5365761

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010419S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV010419\  
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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        |