

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV051419\  
 Data File : VV010854.D  
 Acq On : 14 May 2019 11:25  
 Operator : SY/MD  
 Sample : VV0514SBL01  
 Misc : 5.00G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK89

## 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\SOM2VLM051319S.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       | 85        | rVB   | 83707       | 80706      | 16.88%       | 2.379%     |
| 2      | 1.518    | 128        | 133      | 140       | rBV5  | 5627        | 7657       | 1.60%        | 0.226%     |
| 3      | 1.569    | 143        | 149      | 158       | rVB   | 48154       | 55201      | 11.55%       | 1.627%     |
| 4      | 2.122    | 311        | 321      | 334       | rBV   | 125838      | 178510     | 37.35%       | 5.261%     |
| 5      | 2.190    | 335        | 342      | 348       | rBV   | 2020        | 3210       | 0.67%        | 0.095%     |
| 6      | 2.315    | 375        | 381      | 388       | rVV6  | 2335        | 3467       | 0.73%        | 0.102%     |
| 7      | 2.351    | 390        | 392      | 395       | rVB2  | 643         | 320        | 0.07%        | 0.009%     |
| 8      | 2.473    | 427        | 430      | 433       | rBV2  | 216         | 148        | 0.03%        | 0.004%     |
| 9      | 2.534    | 441        | 449      | 457       | rVB3  | 1814        | 2954       | 0.62%        | 0.087%     |
| 10     | 2.621    | 469        | 476      | 479       | rBV2  | 216         | 300        | 0.06%        | 0.009%     |
| 11     | 2.766    | 516        | 521      | 523       | rBV2  | 324         | 273        | 0.06%        | 0.008%     |
| 12     | 3.068    | 610        | 615      | 620       | rBV4  | 584         | 570        | 0.12%        | 0.017%     |
| 13     | 3.557    | 761        | 767      | 771       | rBB   | 219         | 235        | 0.05%        | 0.007%     |
| 14     | 3.592    | 771        | 778      | 780       | rBV2  | 183         | 257        | 0.05%        | 0.008%     |
| 15     | 3.811    | 843        | 846      | 849       | rBV2  | 217         | 184        | 0.04%        | 0.005%     |
| 16     | 3.894    | 868        | 872      | 873       | rBV   | 199         | 154        | 0.03%        | 0.005%     |
| 17     | 3.936    | 874        | 885      | 910       | rVV2  | 14036       | 35846      | 7.50%        | 1.056%     |
| 18     | 4.145    | 946        | 950      | 952       | rBV2  | 230         | 186        | 0.04%        | 0.005%     |
| 19     | 4.209    | 966        | 970      | 973       | rBV2  | 208         | 191        | 0.04%        | 0.006%     |
| 20     | 4.225    | 973        | 975      | 977       | rBV   | 294         | 185        | 0.04%        | 0.005%     |
| 21     | 4.286    | 989        | 994      | 997       | rBV   | 277         | 328        | 0.07%        | 0.010%     |
| 22     | 4.331    | 1006       | 1008     | 1012      | rBV2  | 270         | 218        | 0.05%        | 0.006%     |
| 23     | 4.399    | 1012       | 1029     | 1049      | rBV   | 77691       | 189211     | 39.58%       | 5.577%     |
| 24     | 4.534    | 1069       | 1071     | 1075      | rVB2  | 305         | 190        | 0.04%        | 0.006%     |
| 25     | 4.576    | 1080       | 1084     | 1087      | rBV3  | 234         | 231        | 0.05%        | 0.007%     |
| 26     | 4.663    | 1110       | 1111     | 1115      | rBV2  | 222         | 168        | 0.04%        | 0.005%     |
| 27     | 4.759    | 1139       | 1141     | 1144      | rVB2  | 295         | 162        | 0.03%        | 0.005%     |
| 28     | 4.775    | 1144       | 1146     | 1148      | rBV2  | 294         | 212        | 0.04%        | 0.006%     |
| 29     | 4.846    | 1165       | 1168     | 1171      | rBV2  | 217         | 168        | 0.04%        | 0.005%     |
| 30     | 4.913    | 1186       | 1189     | 1194      | rVB   | 274         | 265        | 0.06%        | 0.008%     |
| 31     | 4.968    | 1201       | 1206     | 1210      | rVB2  | 201         | 186        | 0.04%        | 0.005%     |
| 32     | 5.093    | 1227       | 1245     | 1286      | rBV3  | 187507      | 477993     | 100.00%      | 14.088%    |
| 33     | 5.312    | 1311       | 1313     | 1320      | rVB3  | 198         | 257        | 0.05%        | 0.008%     |
| 34     | 5.663    | 1407       | 1422     | 1456      | rBV   | 130535      | 279497     | 58.47%       | 8.238%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM051319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.952  | 1503 | 1512 | 1517 | rBV4 | 941    | 1346   | 0.28%  | 0.040%  |
| 36 | 6.116  | 1547 | 1563 | 1592 | rBV2 | 104471 | 218671 | 45.75% | 6.445%  |
| 37 | 6.241  | 1600 | 1602 | 1603 | rBV2 | 415    | 182    | 0.04%  | 0.005%  |
| 38 | 6.489  | 1676 | 1679 | 1682 | rBV  | 146    | 140    | 0.03%  | 0.004%  |
| 39 | 6.508  | 1682 | 1685 | 1690 | rVV  | 210    | 190    | 0.04%  | 0.006%  |
| 40 | 6.695  | 1738 | 1743 | 1744 | rBV2 | 601    | 536    | 0.11%  | 0.016%  |
| 41 | 6.762  | 1758 | 1764 | 1770 | rVB2 | 218    | 281    | 0.06%  | 0.008%  |
| 42 | 6.862  | 1791 | 1795 | 1798 | rBV2 | 216    | 199    | 0.04%  | 0.006%  |
| 43 | 6.904  | 1805 | 1808 | 1810 | rBV  | 224    | 173    | 0.04%  | 0.005%  |
| 44 | 7.029  | 1835 | 1847 | 1866 | rBV  | 54093  | 97899  | 20.48% | 2.885%  |
| 45 | 7.296  | 1927 | 1930 | 1931 | rBV2 | 405    | 221    | 0.05%  | 0.007%  |
| 46 | 7.357  | 1936 | 1949 | 1981 | rBV  | 223429 | 415958 | 87.02% | 12.260% |
| 47 | 7.569  | 2011 | 2015 | 2019 | rBV2 | 160    | 175    | 0.04%  | 0.005%  |
| 48 | 7.605  | 2022 | 2026 | 2030 | rBV  | 242    | 259    | 0.05%  | 0.008%  |
| 49 | 7.662  | 2034 | 2044 | 2062 | rBV  | 35408  | 60260  | 12.61% | 1.776%  |
| 50 | 7.772  | 2075 | 2078 | 2080 | rBV2 | 294    | 180    | 0.04%  | 0.005%  |
| 51 | 7.826  | 2089 | 2095 | 2101 | rBV3 | 255    | 357    | 0.07%  | 0.011%  |
| 52 | 7.984  | 2134 | 2144 | 2156 | rVV3 | 1437   | 2645   | 0.55%  | 0.078%  |
| 53 | 8.087  | 2173 | 2176 | 2179 | rBV2 | 222    | 197    | 0.04%  | 0.006%  |
| 54 | 8.132  | 2179 | 2190 | 2219 | rVV  | 47444  | 84541  | 17.69% | 2.492%  |
| 55 | 8.280  | 2233 | 2236 | 2237 | rBV2 | 674    | 381    | 0.08%  | 0.011%  |
| 56 | 8.289  | 2237 | 2239 | 2248 | rVB4 | 1001   | 937    | 0.20%  | 0.028%  |
| 57 | 8.370  | 2262 | 2264 | 2267 | rVB2 | 316    | 206    | 0.04%  | 0.006%  |
| 58 | 8.389  | 2267 | 2270 | 2272 | rBV  | 242    | 197    | 0.04%  | 0.006%  |
| 59 | 8.614  | 2337 | 2340 | 2345 | rVB2 | 212    | 185    | 0.04%  | 0.005%  |
| 60 | 8.894  | 2415 | 2427 | 2449 | rBV  | 208739 | 351798 | 73.60% | 10.369% |
| 61 | 9.051  | 2472 | 2476 | 2479 | rBV3 | 465    | 354    | 0.07%  | 0.010%  |
| 62 | 9.177  | 2509 | 2515 | 2516 | rBV3 | 481    | 444    | 0.09%  | 0.013%  |
| 63 | 9.360  | 2568 | 2572 | 2573 | rBV  | 366    | 185    | 0.04%  | 0.005%  |
| 64 | 9.469  | 2601 | 2606 | 2609 | rBV  | 265    | 275    | 0.06%  | 0.008%  |
| 65 | 9.592  | 2638 | 2644 | 2648 | rBV3 | 444    | 528    | 0.11%  | 0.016%  |
| 66 | 9.650  | 2658 | 2662 | 2664 | rBV  | 166    | 144    | 0.03%  | 0.004%  |
| 67 | 9.678  | 2668 | 2671 | 2674 | rVV  | 242    | 162    | 0.03%  | 0.005%  |
| 68 | 9.852  | 2720 | 2725 | 2729 | rBV2 | 248    | 338    | 0.07%  | 0.010%  |
| 69 | 9.936  | 2748 | 2751 | 2754 | rBV  | 246    | 189    | 0.04%  | 0.006%  |
| 70 | 10.045 | 2781 | 2785 | 2792 | rVB2 | 220    | 232    | 0.05%  | 0.007%  |
| 71 | 10.141 | 2812 | 2815 | 2817 | rBV  | 214    | 142    | 0.03%  | 0.004%  |

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM051319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.260 | 2837 | 2852 | 2869 | rBV  | 88870  | 139121 | 29.11% | 4.100%  |
| 73  | 10.424 | 2894 | 2903 | 2914 | rBV2 | 3173   | 4728   | 0.99%  | 0.139%  |
| 74  | 11.186 | 3136 | 3140 | 3148 | rVB2 | 1108   | 1198   | 0.25%  | 0.035%  |
| 75  | 11.296 | 3161 | 3174 | 3192 | rBV  | 199300 | 320974 | 67.15% | 9.460%  |
| 76  | 11.366 | 3192 | 3196 | 3204 | rVB5 | 1015   | 1275   | 0.27%  | 0.038%  |
| 77  | 11.434 | 3210 | 3217 | 3223 | rBV4 | 1087   | 1649   | 0.34%  | 0.049%  |
| 78  | 11.473 | 3226 | 3229 | 3237 | rVB3 | 894    | 1021   | 0.21%  | 0.030%  |
| 79  | 11.514 | 3238 | 3242 | 3246 | rBV2 | 163    | 188    | 0.04%  | 0.006%  |
| 80  | 11.672 | 3279 | 3291 | 3308 | rBV  | 213776 | 343948 | 71.96% | 10.137% |
| 81  | 11.807 | 3331 | 3333 | 3336 | rBV  | 192    | 151    | 0.03%  | 0.004%  |
| 82  | 11.829 | 3336 | 3340 | 3345 | rVB3 | 563    | 529    | 0.11%  | 0.016%  |
| 83  | 11.884 | 3350 | 3357 | 3361 | rBV4 | 1068   | 1401   | 0.29%  | 0.041%  |
| 84  | 11.942 | 3372 | 3375 | 3376 | rBV  | 548    | 223    | 0.05%  | 0.007%  |
| 85  | 12.296 | 3476 | 3485 | 3495 | rVB2 | 2202   | 3487   | 0.73%  | 0.103%  |
| 86  | 12.637 | 3588 | 3591 | 3594 | rBV  | 252    | 152    | 0.03%  | 0.004%  |
| 87  | 13.006 | 3703 | 3706 | 3708 | rBV  | 234    | 188    | 0.04%  | 0.006%  |
| 88  | 13.530 | 3866 | 3869 | 3872 | rBV2 | 292    | 188    | 0.04%  | 0.006%  |
| 89  | 13.556 | 3872 | 3877 | 3881 | rVV  | 391    | 426    | 0.09%  | 0.013%  |
| 90  | 13.791 | 3943 | 3950 | 3958 | rBV2 | 5875   | 6844   | 1.43%  | 0.202%  |
| 91  | 14.080 | 4032 | 4040 | 4055 | rBV3 | 1086   | 2230   | 0.47%  | 0.066%  |
| 92  | 14.794 | 4260 | 4262 | 4266 | rVB2 | 285    | 192    | 0.04%  | 0.006%  |
| 93  | 14.907 | 4293 | 4297 | 4300 | rBV3 | 177    | 151    | 0.03%  | 0.004%  |
| 94  | 15.064 | 4343 | 4346 | 4348 | rBV2 | 373    | 254    | 0.05%  | 0.007%  |
| 95  | 15.096 | 4352 | 4356 | 4357 | rBV  | 210    | 143    | 0.03%  | 0.004%  |
| 96  | 15.151 | 4370 | 4373 | 4375 | rBV2 | 283    | 228    | 0.05%  | 0.007%  |
| 97  | 15.276 | 4409 | 4412 | 4413 | rBV2 | 235    | 164    | 0.03%  | 0.005%  |
| 98  | 16.627 | 4829 | 4832 | 4836 | rBV2 | 405    | 413    | 0.09%  | 0.012%  |
| 99  | 16.649 | 4837 | 4839 | 4842 | rBV2 | 629    | 266    | 0.06%  | 0.008%  |
| 100 | 17.283 | 5035 | 5036 | 5040 | rBV3 | 714    | 445    | 0.09%  | 0.013%  |

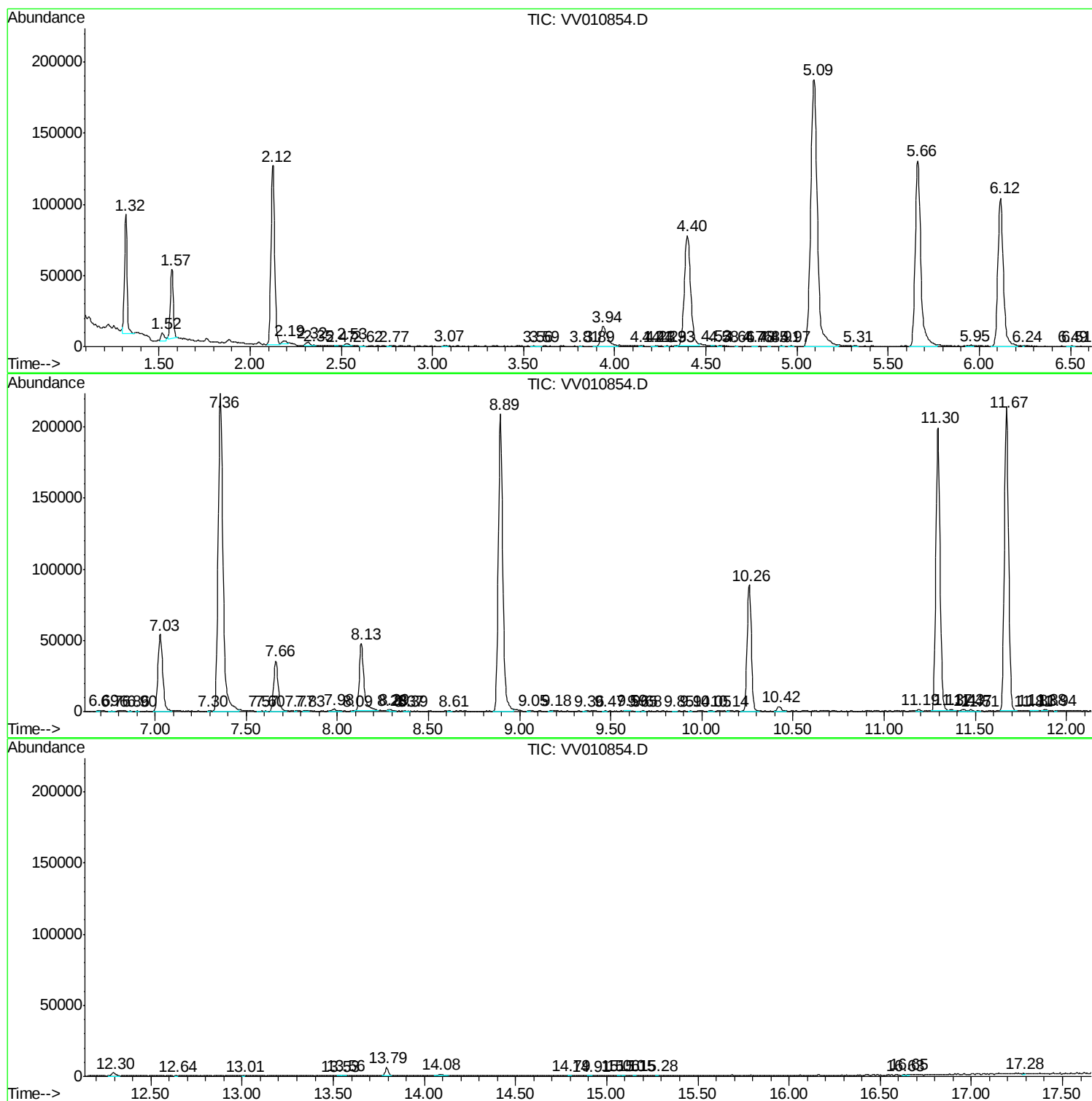
Sum of corrected areas: 3392924

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM051319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV051419\  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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