

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
 Data File : VV009081.D  
 Acq On : 20 Dec 2018 13:41  
 Operator : SY/MD  
 Sample : J6471-15  
 Misc : 5.35 G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9H02

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.315    | 63         | 70       | 80        | rVB   | 87025       | 92879      | 13.36%       | 2.156%     |
| 2      | 1.579    | 145        | 152      | 161       | rBV   | 92687       | 97652      | 14.05%       | 2.267%     |
| 3      | 2.129    | 311        | 323      | 335       | rBV   | 194987      | 284203     | 40.89%       | 6.598%     |
| 4      | 2.322    | 375        | 383      | 388       | rBV2  | 639         | 1122       | 0.16%        | 0.026%     |
| 5      | 2.534    | 438        | 449      | 462       | rVB2  | 19827       | 32269      | 4.64%        | 0.749%     |
| 6      | 2.650    | 478        | 485      | 486       | rBV2  | 1045        | 1187       | 0.17%        | 0.028%     |
| 7      | 2.810    | 532        | 535      | 538       | rBV   | 280         | 198        | 0.03%        | 0.005%     |
| 8      | 2.846    | 542        | 546      | 550       | rBB   | 320         | 231        | 0.03%        | 0.005%     |
| 9      | 2.881    | 553        | 557      | 560       | rBV   | 183         | 194        | 0.03%        | 0.005%     |
| 10     | 3.074    | 608        | 617      | 628       | rVB5  | 3164        | 6473       | 0.93%        | 0.150%     |
| 11     | 3.206    | 655        | 658      | 661       | rBV   | 187         | 170        | 0.02%        | 0.004%     |
| 12     | 3.251    | 669        | 672      | 675       | rBV   | 164         | 154        | 0.02%        | 0.004%     |
| 13     | 3.277    | 678        | 680      | 683       | rVB2  | 250         | 166        | 0.02%        | 0.004%     |
| 14     | 3.302    | 684        | 688      | 692       | rBV   | 298         | 285        | 0.04%        | 0.007%     |
| 15     | 3.392    | 712        | 716      | 717       | rBV   | 301         | 198        | 0.03%        | 0.005%     |
| 16     | 3.608    | 781        | 783      | 786       | rBV   | 250         | 189        | 0.03%        | 0.004%     |
| 17     | 3.958    | 875        | 892      | 914       | rBV3  | 19615       | 80363      | 11.56%       | 1.866%     |
| 18     | 4.183    | 959        | 962      | 963       | rBV   | 355         | 217        | 0.03%        | 0.005%     |
| 19     | 4.402    | 1011       | 1030     | 1055      | rBV   | 122566      | 303959     | 43.74%       | 7.057%     |
| 20     | 4.605    | 1090       | 1093     | 1100      | rVB3  | 320         | 379        | 0.05%        | 0.009%     |
| 21     | 4.643    | 1101       | 1105     | 1107      | rBV   | 192         | 177        | 0.03%        | 0.004%     |
| 22     | 4.804    | 1152       | 1155     | 1157      | rVB2  | 316         | 161        | 0.02%        | 0.004%     |
| 23     | 4.878    | 1175       | 1178     | 1184      | rVB   | 362         | 397        | 0.06%        | 0.009%     |
| 24     | 4.939    | 1195       | 1197     | 1201      | rBB   | 237         | 168        | 0.02%        | 0.004%     |
| 25     | 4.965    | 1201       | 1205     | 1208      | rBV2  | 401         | 285        | 0.04%        | 0.007%     |
| 26     | 5.016    | 1218       | 1221     | 1223      | rVB   | 506         | 236        | 0.03%        | 0.005%     |
| 27     | 5.097    | 1224       | 1246     | 1284      | rBV2  | 274569      | 694998     | 100.00%      | 16.136%    |
| 28     | 5.257    | 1294       | 1296     | 1299      | rBV   | 237         | 146        | 0.02%        | 0.003%     |
| 29     | 5.354    | 1323       | 1326     | 1327      | rBV   | 263         | 168        | 0.02%        | 0.004%     |
| 30     | 5.396    | 1336       | 1339     | 1342      | rBB2  | 283         | 149        | 0.02%        | 0.003%     |
| 31     | 5.415    | 1342       | 1345     | 1348      | rBB   | 230         | 171        | 0.02%        | 0.004%     |
| 32     | 5.437    | 1348       | 1352     | 1353      | rBV2  | 338         | 235        | 0.03%        | 0.005%     |
| 33     | 5.572    | 1390       | 1394     | 1399      | rBB2  | 474         | 381        | 0.05%        | 0.009%     |
| 34     | 5.601    | 1399       | 1403     | 1406      | rBV   | 231         | 215        | 0.03%        | 0.005%     |

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

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.666 | 1406 | 1423 | 1448 | rBV  | 229529 | 458022 | 65.90% | 10.634% |
| 36 | 5.945 | 1501 | 1510 | 1523 | rVB6 | 10782  | 20974  | 3.02%  | 0.487%  |
| 37 | 6.119 | 1546 | 1564 | 1587 | rBV  | 150151 | 312194 | 44.92% | 7.248%  |
| 38 | 6.244 | 1601 | 1603 | 1608 | rVB2 | 482    | 209    | 0.03%  | 0.005%  |
| 39 | 6.273 | 1608 | 1612 | 1614 | rVB  | 299    | 238    | 0.03%  | 0.006%  |
| 40 | 6.344 | 1631 | 1634 | 1637 | rBV  | 317    | 256    | 0.04%  | 0.006%  |
| 41 | 6.396 | 1648 | 1650 | 1653 | rVB  | 278    | 152    | 0.02%  | 0.004%  |
| 42 | 6.624 | 1717 | 1721 | 1723 | rBV  | 155    | 164    | 0.02%  | 0.004%  |
| 43 | 6.682 | 1734 | 1739 | 1741 | rBV  | 364    | 242    | 0.03%  | 0.006%  |
| 44 | 6.701 | 1741 | 1745 | 1748 | rVB2 | 371    | 244    | 0.04%  | 0.006%  |
| 45 | 6.820 | 1771 | 1782 | 1790 | rBB5 | 1496   | 2666   | 0.38%  | 0.062%  |
| 46 | 6.855 | 1791 | 1793 | 1796 | rBV  | 259    | 145    | 0.02%  | 0.003%  |
| 47 | 6.971 | 1825 | 1829 | 1833 | rBB  | 169    | 166    | 0.02%  | 0.004%  |
| 48 | 7.032 | 1834 | 1848 | 1867 | rBV  | 64253  | 117735 | 16.94% | 2.733%  |
| 49 | 7.145 | 1881 | 1883 | 1889 | rVB2 | 385    | 328    | 0.05%  | 0.008%  |
| 50 | 7.280 | 1919 | 1925 | 1926 | rBV2 | 1565   | 1379   | 0.20%  | 0.032%  |
| 51 | 7.360 | 1938 | 1950 | 1967 | rBV  | 309655 | 536082 | 77.13% | 12.446% |
| 52 | 7.595 | 2020 | 2023 | 2025 | rBV  | 259    | 191    | 0.03%  | 0.004%  |
| 53 | 7.666 | 2035 | 2045 | 2059 | rBV  | 40189  | 66926  | 9.63%  | 1.554%  |
| 54 | 7.801 | 2084 | 2087 | 2088 | rBV  | 366    | 180    | 0.03%  | 0.004%  |
| 55 | 7.846 | 2100 | 2101 | 2105 | rVB2 | 276    | 144    | 0.02%  | 0.003%  |
| 56 | 7.942 | 2129 | 2131 | 2135 | rVB2 | 255    | 189    | 0.03%  | 0.004%  |
| 57 | 7.981 | 2135 | 2143 | 2149 | rBV7 | 1988   | 3189   | 0.46%  | 0.074%  |
| 58 | 8.016 | 2152 | 2154 | 2161 | rVB2 | 1352   | 1265   | 0.18%  | 0.029%  |
| 59 | 8.090 | 2172 | 2177 | 2180 | rBV2 | 273    | 295    | 0.04%  | 0.007%  |
| 60 | 8.141 | 2180 | 2193 | 2223 | rBV5 | 31391  | 84708  | 12.19% | 1.967%  |
| 61 | 8.289 | 2235 | 2239 | 2243 | rBB3 | 351    | 291    | 0.04%  | 0.007%  |
| 62 | 8.421 | 2277 | 2280 | 2283 | rVB2 | 628    | 369    | 0.05%  | 0.009%  |
| 63 | 8.463 | 2287 | 2293 | 2295 | rBV2 | 1105   | 1111   | 0.16%  | 0.026%  |
| 64 | 8.617 | 2338 | 2341 | 2345 | rBB  | 314    | 265    | 0.04%  | 0.006%  |
| 65 | 8.643 | 2345 | 2349 | 2352 | rBV  | 217    | 222    | 0.03%  | 0.005%  |
| 66 | 8.746 | 2377 | 2381 | 2384 | rBB  | 167    | 172    | 0.02%  | 0.004%  |
| 67 | 8.897 | 2416 | 2428 | 2465 | rBV  | 256407 | 433776 | 62.41% | 10.071% |
| 68 | 9.058 | 2473 | 2478 | 2486 | rVB4 | 1602   | 2252   | 0.32%  | 0.052%  |
| 69 | 9.141 | 2500 | 2504 | 2506 | rVB2 | 222    | 170    | 0.02%  | 0.004%  |
| 70 | 9.186 | 2509 | 2518 | 2529 | rBV5 | 2267   | 3601   | 0.52%  | 0.084%  |
| 71 | 9.389 | 2574 | 2581 | 2584 | rBV  | 179    | 285    | 0.04%  | 0.007%  |

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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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.592  | 2638 | 2644 | 2645 | rBV3 | 1665   | 1488   | 0.21%  | 0.035% |
| 73  | 9.952  | 2748 | 2756 | 2760 | rBV3 | 2799   | 4142   | 0.60%  | 0.096% |
| 74  | 10.125 | 2804 | 2810 | 2816 | rBV3 | 877    | 1027   | 0.15%  | 0.024% |
| 75  | 10.174 | 2820 | 2825 | 2830 | rBV3 | 667    | 608    | 0.09%  | 0.014% |
| 76  | 10.264 | 2834 | 2853 | 2868 | rBV  | 80141  | 135119 | 19.44% | 3.137% |
| 77  | 10.428 | 2894 | 2904 | 2914 | rBV3 | 7105   | 11050  | 1.59%  | 0.257% |
| 78  | 10.624 | 2957 | 2965 | 2974 | rBV4 | 5237   | 7612   | 1.10%  | 0.177% |
| 79  | 10.858 | 3032 | 3038 | 3045 | rVB4 | 682    | 722    | 0.10%  | 0.017% |
| 80  | 10.958 | 3065 | 3069 | 3070 | rBV2 | 446    | 291    | 0.04%  | 0.007% |
| 81  | 10.987 | 3074 | 3078 | 3079 | rVV2 | 731    | 468    | 0.07%  | 0.011% |
| 82  | 11.009 | 3082 | 3085 | 3091 | rVB  | 158    | 163    | 0.02%  | 0.004% |
| 83  | 11.196 | 3137 | 3143 | 3148 | rBV4 | 725    | 864    | 0.12%  | 0.020% |
| 84  | 11.235 | 3150 | 3155 | 3163 | rVV6 | 2265   | 3044   | 0.44%  | 0.071% |
| 85  | 11.299 | 3163 | 3175 | 3194 | rVB  | 149802 | 255430 | 36.75% | 5.930% |
| 86  | 11.370 | 3194 | 3197 | 3202 | rBV2 | 553    | 443    | 0.06%  | 0.010% |
| 87  | 11.402 | 3204 | 3207 | 3211 | rBV  | 205    | 167    | 0.02%  | 0.004% |
| 88  | 11.427 | 3213 | 3215 | 3220 | rBV2 | 255    | 176    | 0.03%  | 0.004% |
| 89  | 11.469 | 3224 | 3228 | 3230 | rBV2 | 211    | 201    | 0.03%  | 0.005% |
| 90  | 11.675 | 3280 | 3292 | 3310 | rVB  | 136485 | 227012 | 32.66% | 5.271% |
| 91  | 12.694 | 3605 | 3609 | 3616 | rBV2 | 771    | 983    | 0.14%  | 0.023% |
| 92  | 13.000 | 3701 | 3704 | 3706 | rBV  | 314    | 178    | 0.03%  | 0.004% |
| 93  | 13.247 | 3778 | 3781 | 3782 | rBV  | 359    | 173    | 0.02%  | 0.004% |
| 94  | 13.308 | 3795 | 3800 | 3801 | rBV2 | 556    | 409    | 0.06%  | 0.009% |
| 95  | 13.797 | 3946 | 3952 | 3961 | rVB5 | 2206   | 3013   | 0.43%  | 0.070% |
| 96  | 13.913 | 3983 | 3988 | 3990 | rBV2 | 226    | 195    | 0.03%  | 0.005% |
| 97  | 14.167 | 4065 | 4067 | 4074 | rBV  | 238    | 195    | 0.03%  | 0.005% |
| 98  | 14.370 | 4127 | 4130 | 4133 | rBV2 | 334    | 238    | 0.03%  | 0.006% |
| 99  | 14.550 | 4182 | 4186 | 4187 | rBV  | 305    | 198    | 0.03%  | 0.005% |
| 100 | 14.816 | 4265 | 4269 | 4273 | rBV2 | 358    | 343    | 0.05%  | 0.008% |

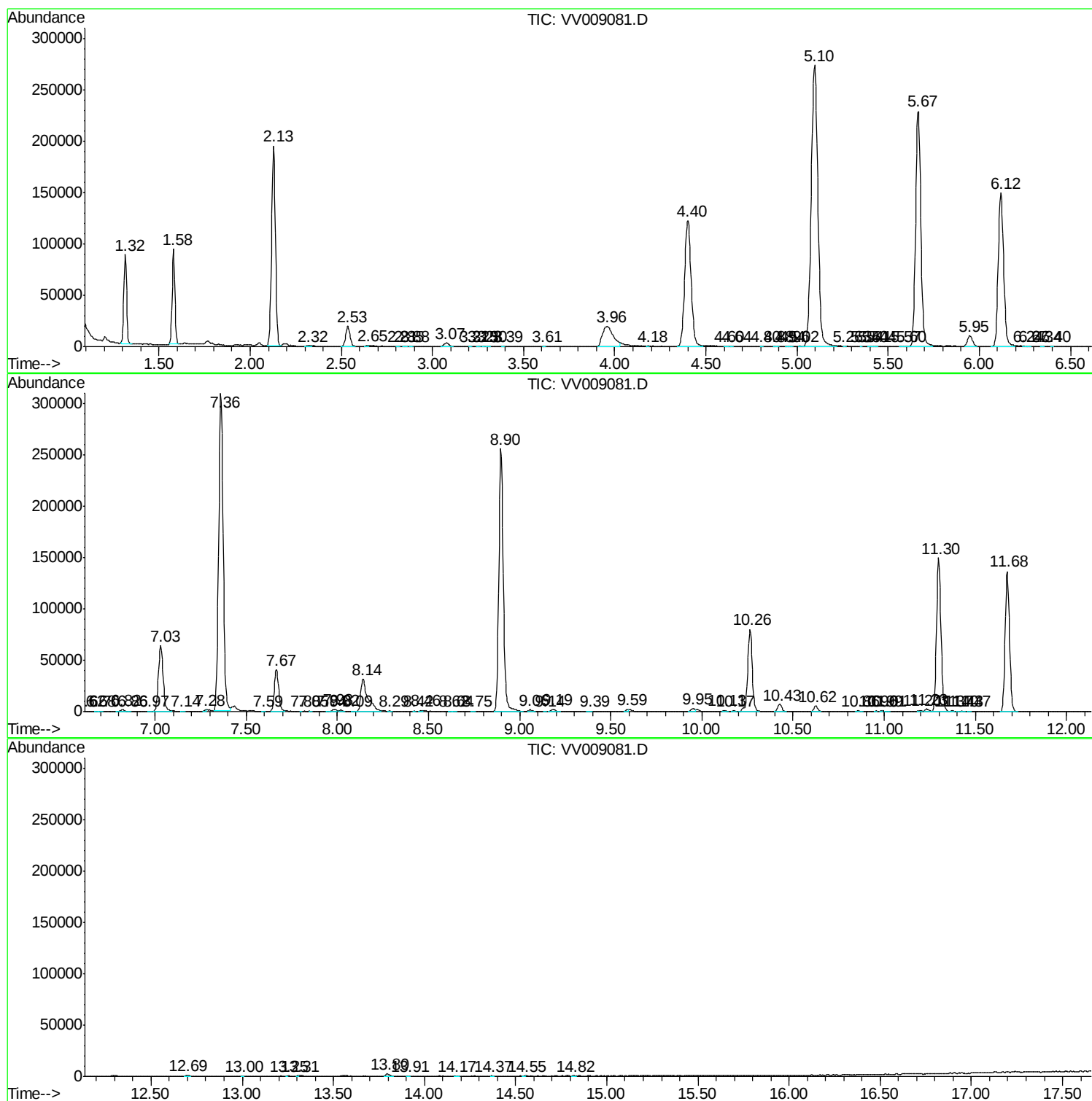
Sum of corrected areas: 4307124

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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\  
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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        |