

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010841.D  
 Acq On : 11 May 2019 05:03  
 Operator : SY/MD  
 Sample : K2737-11  
 Misc : 4.71G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB859

## 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\SOM2VLM050719S.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         | 1.312       | 62            | 69          | 76           | rVB      | 45812          | 44265         | 13.38%          | 2.247%        |
| 2         | 1.566       | 142           | 148         | 162          | rVB      | 39268          | 48666         | 14.70%          | 2.470%        |
| 3         | 2.119       | 309           | 320         | 332          | rVV      | 85367          | 124124        | 37.51%          | 6.300%        |
| 4         | 2.184       | 332           | 340         | 353          | rVB2     | 4823           | 7312          | 2.21%           | 0.371%        |
| 5         | 2.309       | 366           | 379         | 386          | rBV      | 2161           | 3490          | 1.05%           | 0.177%        |
| 6         | 2.399       | 404           | 407         | 409          | rBV      | 209            | 172           | 0.05%           | 0.009%        |
| 7         | 2.531       | 439           | 448         | 456          | rVB3     | 3941           | 6107          | 1.85%           | 0.310%        |
| 8         | 2.569       | 456           | 460         | 462          | rBV      | 254            | 206           | 0.06%           | 0.010%        |
| 9         | 2.627       | 473           | 478         | 479          | rVV      | 229            | 241           | 0.07%           | 0.012%        |
| 10        | 2.663       | 479           | 489         | 502          | rVV3     | 3894           | 8117          | 2.45%           | 0.412%        |
| 11        | 2.962       | 580           | 582         | 589          | rVB      | 295            | 328           | 0.10%           | 0.017%        |
| 12        | 3.000       | 589           | 594         | 595          | rBV      | 232            | 174           | 0.05%           | 0.009%        |
| 13        | 3.061       | 608           | 613         | 619          | rBV5     | 697            | 771           | 0.23%           | 0.039%        |
| 14        | 3.122       | 628           | 632         | 636          | rBV      | 224            | 280           | 0.08%           | 0.014%        |
| 15        | 3.203       | 652           | 657         | 659          | rVB2     | 180            | 154           | 0.05%           | 0.008%        |
| 16        | 3.325       | 690           | 695         | 697          | rBV      | 179            | 198           | 0.06%           | 0.010%        |
| 17        | 3.383       | 711           | 713         | 715          | rBV2     | 255            | 164           | 0.05%           | 0.008%        |
| 18        | 3.421       | 720           | 725         | 731          | rBV3     | 376            | 462           | 0.14%           | 0.023%        |
| 19        | 3.547       | 761           | 764         | 769          | rVV      | 264            | 267           | 0.08%           | 0.014%        |
| 20        | 3.794       | 838           | 841         | 847          | rVB2     | 285            | 301           | 0.09%           | 0.015%        |
| 21        | 3.823       | 847           | 850         | 851          | rBV2     | 241            | 154           | 0.05%           | 0.008%        |
| 22        | 3.872       | 857           | 865         | 872          | rBV2     | 274            | 554           | 0.17%           | 0.028%        |
| 23        | 3.926       | 872           | 882         | 907          | rBV2     | 8210           | 24673         | 7.46%           | 1.252%        |
| 24        | 4.103       | 933           | 937         | 939          | rBV      | 387            | 249           | 0.08%           | 0.013%        |
| 25        | 4.126       | 939           | 944         | 946          | rBV2     | 342            | 306           | 0.09%           | 0.016%        |
| 26        | 4.174       | 956           | 959         | 963          | rBV      | 207            | 187           | 0.06%           | 0.009%        |
| 27        | 4.319       | 1002          | 1004        | 1007         | rBV      | 250            | 162           | 0.05%           | 0.008%        |
| 28        | 4.392       | 1010          | 1027        | 1049         | rVV      | 60491          | 152261        | 46.01%          | 7.728%        |
| 29        | 4.502       | 1059          | 1061        | 1063         | rVB      | 365            | 180           | 0.05%           | 0.009%        |
| 30        | 4.547       | 1071          | 1075        | 1078         | rBV2     | 289            | 175           | 0.05%           | 0.009%        |
| 31        | 4.640       | 1101          | 1104        | 1108         | rBV2     | 185            | 155           | 0.05%           | 0.008%        |
| 32        | 4.746       | 1135          | 1137        | 1142         | rVB      | 281            | 220           | 0.07%           | 0.011%        |
| 33        | 4.810       | 1151          | 1157        | 1158         | rBV      | 290            | 277           | 0.08%           | 0.014%        |
| 34        | 4.836       | 1162          | 1165        | 1170         | rBB      | 247            | 267           | 0.08%           | 0.014%        |

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Filtering: 5  
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 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\SOM2VLM050719S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.865 | 1171 | 1174 | 1177 | rBV  | 252    | 207    | 0.06%   | 0.011%  |
| 36 | 5.087 | 1226 | 1243 | 1267 | rVV3 | 132745 | 330949 | 100.00% | 16.797% |
| 37 | 5.505 | 1369 | 1373 | 1375 | rBV  | 174    | 162    | 0.05%   | 0.008%  |
| 38 | 5.614 | 1401 | 1407 | 1408 | rBV  | 199    | 209    | 0.06%   | 0.011%  |
| 39 | 5.659 | 1408 | 1421 | 1443 | rVV  | 65306  | 129811 | 39.22%  | 6.589%  |
| 40 | 5.907 | 1494 | 1498 | 1500 | rBV  | 333    | 275    | 0.08%   | 0.014%  |
| 41 | 5.945 | 1500 | 1510 | 1519 | rVB3 | 2478   | 4748   | 1.43%   | 0.241%  |
| 42 | 6.113 | 1546 | 1562 | 1586 | rBV2 | 81100  | 166356 | 50.27%  | 8.443%  |
| 43 | 6.238 | 1598 | 1601 | 1603 | rBV3 | 350    | 194    | 0.06%   | 0.010%  |
| 44 | 6.325 | 1622 | 1628 | 1631 | rVB  | 203    | 259    | 0.08%   | 0.013%  |
| 45 | 6.457 | 1665 | 1669 | 1673 | rBV2 | 193    | 182    | 0.05%   | 0.009%  |
| 46 | 6.801 | 1773 | 1776 | 1779 | rBV2 | 264    | 235    | 0.07%   | 0.012%  |
| 47 | 6.839 | 1785 | 1788 | 1794 | rVV2 | 235    | 264    | 0.08%   | 0.013%  |
| 48 | 6.920 | 1809 | 1813 | 1815 | rBV2 | 282    | 260    | 0.08%   | 0.013%  |
| 49 | 7.026 | 1835 | 1846 | 1859 | rBV3 | 35392  | 62560  | 18.90%  | 3.175%  |
| 50 | 7.177 | 1889 | 1893 | 1901 | rVB4 | 1064   | 1294   | 0.39%   | 0.066%  |
| 51 | 7.357 | 1932 | 1949 | 1965 | rBV  | 141171 | 243903 | 73.70%  | 12.379% |
| 52 | 7.662 | 2034 | 2044 | 2055 | rBV2 | 21313  | 35985  | 10.87%  | 1.826%  |
| 53 | 7.746 | 2068 | 2070 | 2073 | rBV2 | 285    | 180    | 0.05%   | 0.009%  |
| 54 | 7.810 | 2084 | 2090 | 2092 | rVB  | 250    | 224    | 0.07%   | 0.011%  |
| 55 | 8.013 | 2150 | 2153 | 2160 | rVB3 | 914    | 1047   | 0.32%   | 0.053%  |
| 56 | 8.129 | 2179 | 2189 | 2213 | rVV  | 27251  | 55283  | 16.70%  | 2.806%  |
| 57 | 8.482 | 2296 | 2299 | 2303 | rVB2 | 208    | 176    | 0.05%   | 0.009%  |
| 58 | 8.643 | 2345 | 2349 | 2355 | rVB2 | 342    | 453    | 0.14%   | 0.023%  |
| 59 | 8.695 | 2360 | 2365 | 2367 | rVV  | 296    | 299    | 0.09%   | 0.015%  |
| 60 | 8.733 | 2375 | 2377 | 2381 | rVV  | 241    | 236    | 0.07%   | 0.012%  |
| 61 | 8.762 | 2384 | 2386 | 2391 | rVV2 | 324    | 258    | 0.08%   | 0.013%  |
| 62 | 8.791 | 2391 | 2395 | 2398 | rVB  | 302    | 250    | 0.08%   | 0.013%  |
| 63 | 8.826 | 2403 | 2406 | 2408 | rBV  | 241    | 170    | 0.05%   | 0.009%  |
| 64 | 8.894 | 2416 | 2427 | 2444 | rBV  | 90824  | 150329 | 45.42%  | 7.630%  |
| 65 | 9.077 | 2481 | 2484 | 2486 | rBV  | 224    | 174    | 0.05%   | 0.009%  |
| 66 | 9.254 | 2536 | 2539 | 2542 | rBV2 | 217    | 170    | 0.05%   | 0.009%  |
| 67 | 9.341 | 2561 | 2566 | 2568 | rBV  | 243    | 239    | 0.07%   | 0.012%  |
| 68 | 9.579 | 2637 | 2640 | 2642 | rBV2 | 428    | 268    | 0.08%   | 0.014%  |
| 69 | 9.717 | 2680 | 2683 | 2688 | rVB  | 223    | 221    | 0.07%   | 0.011%  |
| 70 | 9.781 | 2700 | 2703 | 2708 | rBV2 | 219    | 260    | 0.08%   | 0.013%  |
| 71 | 9.881 | 2729 | 2734 | 2739 | rVB2 | 201    | 249    | 0.08%   | 0.013%  |

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 Min Area: 0 % of largest Peak  
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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\SOM2VLM050719S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 72  | 10.077 | 2792 | 2795 | 2796 | rBV  | 269   | 157    | 0.05%  | 0.008% |
| 73  | 10.260 | 2841 | 2852 | 2867 | rVB  | 54432 | 88722  | 26.81% | 4.503% |
| 74  | 10.321 | 2868 | 2871 | 2874 | rBV  | 320   | 291    | 0.09%  | 0.015% |
| 75  | 10.424 | 2897 | 2903 | 2910 | rVB4 | 2583  | 2746   | 0.83%  | 0.139% |
| 76  | 10.524 | 2931 | 2934 | 2938 | rBV  | 181   | 164    | 0.05%  | 0.008% |
| 77  | 10.556 | 2939 | 2944 | 2955 | rVB3 | 474   | 934    | 0.28%  | 0.047% |
| 78  | 10.604 | 2955 | 2959 | 2966 | rBV  | 345   | 606    | 0.18%  | 0.031% |
| 79  | 10.682 | 2980 | 2983 | 2984 | rBV  | 269   | 178    | 0.05%  | 0.009% |
| 80  | 10.903 | 3047 | 3052 | 3057 | rBV2 | 254   | 347    | 0.10%  | 0.018% |
| 81  | 11.296 | 3163 | 3174 | 3189 | rBV  | 58880 | 95787  | 28.94% | 4.862% |
| 82  | 11.575 | 3256 | 3261 | 3270 | rVB5 | 1479  | 2172   | 0.66%  | 0.110% |
| 83  | 11.672 | 3279 | 3291 | 3304 | rBV  | 97790 | 155175 | 46.89% | 7.876% |
| 84  | 11.820 | 3327 | 3337 | 3342 | rBV3 | 1204  | 1433   | 0.43%  | 0.073% |
| 85  | 11.939 | 3370 | 3374 | 3379 | rBV2 | 275   | 276    | 0.08%  | 0.014% |
| 86  | 12.022 | 3396 | 3400 | 3402 | rBV  | 307   | 256    | 0.08%  | 0.013% |
| 87  | 12.109 | 3419 | 3427 | 3430 | rBV  | 265   | 373    | 0.11%  | 0.019% |
| 88  | 12.501 | 3545 | 3549 | 3550 | rBV2 | 217   | 176    | 0.05%  | 0.009% |
| 89  | 12.614 | 3579 | 3584 | 3591 | rBV2 | 260   | 378    | 0.11%  | 0.019% |
| 90  | 12.765 | 3629 | 3631 | 3637 | rBV3 | 283   | 303    | 0.09%  | 0.015% |
| 91  | 12.849 | 3654 | 3657 | 3660 | rBV  | 236   | 205    | 0.06%  | 0.010% |
| 92  | 13.460 | 3844 | 3847 | 3851 | rBV2 | 386   | 458    | 0.14%  | 0.023% |
| 93  | 13.559 | 3877 | 3878 | 3882 | rBV3 | 347   | 251    | 0.08%  | 0.013% |
| 94  | 13.797 | 3945 | 3952 | 3959 | rVB3 | 1117  | 1430   | 0.43%  | 0.073% |
| 95  | 13.868 | 3972 | 3974 | 3978 | rBV2 | 286   | 159    | 0.05%  | 0.008% |
| 96  | 14.009 | 4015 | 4018 | 4020 | rBV2 | 235   | 163    | 0.05%  | 0.008% |
| 97  | 14.170 | 4067 | 4068 | 4071 | rBV  | 267   | 175    | 0.05%  | 0.009% |
| 98  | 14.296 | 4106 | 4107 | 4111 | rBV  | 305   | 169    | 0.05%  | 0.009% |
| 99  | 16.019 | 4641 | 4643 | 4647 | rBV2 | 433   | 280    | 0.08%  | 0.014% |
| 100 | 16.234 | 4705 | 4710 | 4716 | rVB5 | 2356  | 2533   | 0.77%  | 0.129% |

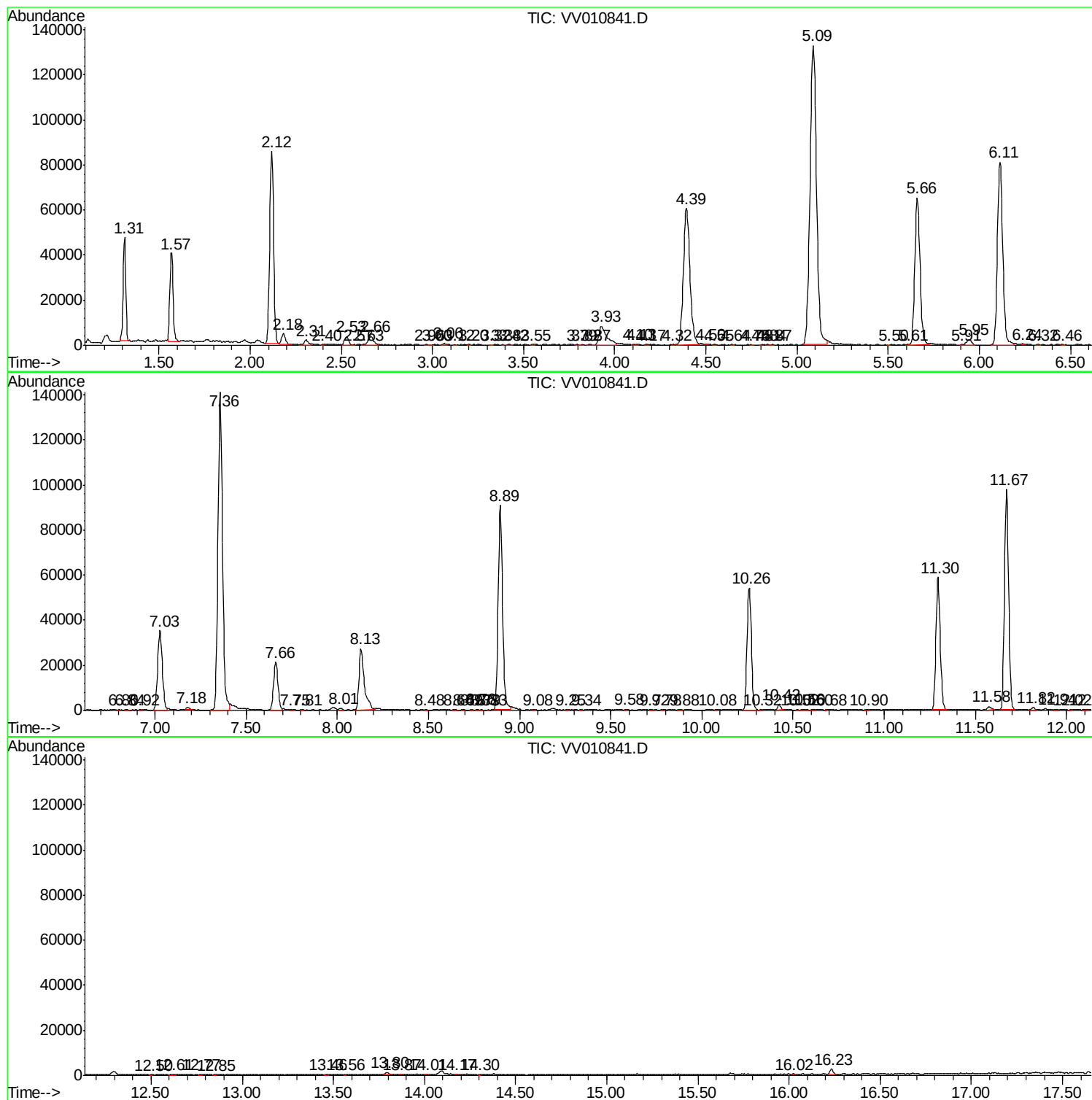
Sum of corrected areas: 1970255

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV050919\  
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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        |