

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010831.D  
 Acq On : 11 May 2019 00:24  
 Operator : SY/MD  
 Sample : K2692-17  
 Misc : 6.06G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5180

## 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         | 1.110       | 3             | 6           | 20           | rVB3     | 6777           | 6527          | 1.86%           | 0.252%        |
| 2         | 1.309       | 61            | 68          | 76           | rVB      | 48686          | 47446         | 13.55%          | 1.833%        |
| 3         | 1.566       | 141           | 148         | 159          | rVB      | 41444          | 49876         | 14.24%          | 1.927%        |
| 4         | 2.116       | 309           | 319         | 330          | rBV      | 86312          | 122417        | 34.96%          | 4.729%        |
| 5         | 2.245       | 358           | 359         | 363          | rBV2     | 306            | 160           | 0.05%           | 0.006%        |
| 6         | 2.306       | 371           | 378         | 389          | rVB2     | 3811           | 6147          | 1.76%           | 0.237%        |
| 7         | 2.531       | 439           | 448         | 461          | rVV6     | 2825           | 5204          | 1.49%           | 0.201%        |
| 8         | 2.637       | 477           | 481         | 484          | rBV2     | 622            | 635           | 0.18%           | 0.025%        |
| 9         | 2.788       | 524           | 528         | 529          | rVB2     | 244            | 148           | 0.04%           | 0.006%        |
| 10        | 3.032       | 599           | 604         | 606          | rBV      | 289            | 264           | 0.08%           | 0.010%        |
| 11        | 3.180       | 647           | 650         | 655          | rVB2     | 324            | 271           | 0.08%           | 0.010%        |
| 12        | 3.222       | 656           | 663         | 664          | rBV      | 332            | 297           | 0.08%           | 0.011%        |
| 13        | 3.338       | 696           | 699         | 707          | rBV2     | 298            | 382           | 0.11%           | 0.015%        |
| 14        | 3.534       | 757           | 760         | 765          | rVB2     | 275            | 248           | 0.07%           | 0.010%        |
| 15        | 3.560       | 765           | 768         | 770          | rVB2     | 260            | 168           | 0.05%           | 0.006%        |
| 16        | 3.576       | 771           | 773         | 776          | rBV      | 241            | 156           | 0.04%           | 0.006%        |
| 17        | 3.618       | 782           | 786         | 790          | rBV2     | 269            | 333           | 0.10%           | 0.013%        |
| 18        | 3.637       | 790           | 792         | 797          | rVB2     | 294            | 238           | 0.07%           | 0.009%        |
| 19        | 3.749       | 820           | 827         | 830          | rBV2     | 218            | 303           | 0.09%           | 0.012%        |
| 20        | 3.810       | 841           | 846         | 849          | rBB      | 178            | 194           | 0.06%           | 0.007%        |
| 21        | 3.926       | 871           | 882         | 908          | rBV      | 13385          | 36450         | 10.41%          | 1.408%        |
| 22        | 4.100       | 933           | 936         | 940          | rVB      | 282            | 167           | 0.05%           | 0.006%        |
| 23        | 4.126       | 940           | 944         | 947          | rBV      | 342            | 269           | 0.08%           | 0.010%        |
| 24        | 4.167       | 953           | 957         | 960          | rBV      | 166            | 181           | 0.05%           | 0.007%        |
| 25        | 4.183       | 960           | 962         | 967          | rVV      | 257            | 243           | 0.07%           | 0.009%        |
| 26        | 4.241       | 977           | 980         | 982          | rBB      | 270            | 145           | 0.04%           | 0.006%        |
| 27        | 4.257       | 982           | 985         | 989          | rBV      | 154            | 178           | 0.05%           | 0.007%        |
| 28        | 4.318       | 1001          | 1004        | 1007         | rBV      | 308            | 252           | 0.07%           | 0.010%        |
| 29        | 4.392       | 1009          | 1027        | 1046         | rBV      | 64248          | 155595        | 44.43%          | 6.010%        |
| 30        | 4.826       | 1158          | 1162        | 1164         | rVB2     | 337            | 258           | 0.07%           | 0.010%        |
| 31        | 5.090       | 1223          | 1244        | 1264         | rBV2     | 139197         | 350207        | 100.00%         | 13.527%       |
| 32        | 5.418       | 1342          | 1346        | 1347         | rBV      | 280            | 192           | 0.05%           | 0.007%        |
| 33        | 5.511       | 1370          | 1375        | 1376         | rBV      | 165            | 154           | 0.04%           | 0.006%        |
| 34        | 5.537       | 1381          | 1383        | 1386         | rBV      | 235            | 152           | 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\SOM2VLM050719S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.659  | 1407 | 1421 | 1443 | rBV2 | 115968 | 232395 | 66.36% | 8.977%  |
| 36 | 5.916  | 1498 | 1501 | 1504 | rBV2 | 263    | 184    | 0.05%  | 0.007%  |
| 37 | 5.945  | 1504 | 1510 | 1517 | rVB3 | 726    | 993    | 0.28%  | 0.038%  |
| 38 | 6.113  | 1548 | 1562 | 1587 | rBV2 | 86682  | 175052 | 49.99% | 6.762%  |
| 39 | 6.283  | 1612 | 1615 | 1620 | rBV2 | 167    | 143    | 0.04%  | 0.006%  |
| 40 | 6.457  | 1665 | 1669 | 1672 | rBV2 | 352    | 241    | 0.07%  | 0.009%  |
| 41 | 6.653  | 1726 | 1730 | 1732 | rBV2 | 261    | 181    | 0.05%  | 0.007%  |
| 42 | 6.762  | 1761 | 1764 | 1767 | rBV2 | 216    | 187    | 0.05%  | 0.007%  |
| 43 | 6.839  | 1785 | 1788 | 1790 | rBV2 | 183    | 149    | 0.04%  | 0.006%  |
| 44 | 7.026  | 1835 | 1846 | 1867 | rBV2 | 42016  | 74173  | 21.18% | 2.865%  |
| 45 | 7.177  | 1887 | 1893 | 1894 | rBV2 | 434    | 388    | 0.11%  | 0.015%  |
| 46 | 7.215  | 1901 | 1905 | 1909 | rVB2 | 308    | 324    | 0.09%  | 0.013%  |
| 47 | 7.241  | 1910 | 1913 | 1916 | rBV  | 249    | 218    | 0.06%  | 0.008%  |
| 48 | 7.270  | 1920 | 1922 | 1924 | rBV  | 236    | 174    | 0.05%  | 0.007%  |
| 49 | 7.357  | 1937 | 1949 | 1967 | rBV  | 144619 | 256429 | 73.22% | 9.905%  |
| 50 | 7.662  | 2031 | 2044 | 2059 | rBV  | 27896  | 46107  | 13.17% | 1.781%  |
| 51 | 7.756  | 2070 | 2073 | 2075 | rBV2 | 210    | 168    | 0.05%  | 0.006%  |
| 52 | 7.858  | 2098 | 2105 | 2107 | rBV  | 232    | 303    | 0.09%  | 0.012%  |
| 53 | 7.936  | 2127 | 2129 | 2133 | rBV2 | 153    | 152    | 0.04%  | 0.006%  |
| 54 | 7.981  | 2135 | 2143 | 2155 | rVB3 | 2389   | 4292   | 1.23%  | 0.166%  |
| 55 | 8.129  | 2179 | 2189 | 2210 | rBV  | 49303  | 87815  | 25.08% | 3.392%  |
| 56 | 8.347  | 2254 | 2257 | 2263 | rBV2 | 201    | 188    | 0.05%  | 0.007%  |
| 57 | 8.383  | 2263 | 2268 | 2274 | rVV2 | 204    | 297    | 0.08%  | 0.011%  |
| 58 | 8.437  | 2282 | 2285 | 2288 | rBV  | 191    | 159    | 0.05%  | 0.006%  |
| 59 | 8.485  | 2297 | 2300 | 2302 | rBV2 | 178    | 149    | 0.04%  | 0.006%  |
| 60 | 8.556  | 2316 | 2322 | 2324 | rBV  | 235    | 234    | 0.07%  | 0.009%  |
| 61 | 8.788  | 2390 | 2394 | 2401 | rVB  | 302    | 291    | 0.08%  | 0.011%  |
| 62 | 8.894  | 2414 | 2427 | 2443 | rBV  | 179753 | 295634 | 84.42% | 11.419% |
| 63 | 9.058  | 2474 | 2478 | 2480 | rBV2 | 342    | 272    | 0.08%  | 0.011%  |
| 64 | 9.248  | 2532 | 2537 | 2540 | rBV2 | 182    | 159    | 0.05%  | 0.006%  |
| 65 | 9.495  | 2611 | 2614 | 2620 | rVB2 | 200    | 160    | 0.05%  | 0.006%  |
| 66 | 9.524  | 2620 | 2623 | 2629 | rBV2 | 200    | 264    | 0.08%  | 0.010%  |
| 67 | 9.643  | 2657 | 2660 | 2668 | rBV2 | 209    | 326    | 0.09%  | 0.013%  |
| 68 | 9.993  | 2763 | 2769 | 2772 | rVB2 | 204    | 240    | 0.07%  | 0.009%  |
| 69 | 10.022 | 2773 | 2778 | 2782 | rVB2 | 325    | 369    | 0.11%  | 0.014%  |
| 70 | 10.048 | 2782 | 2786 | 2788 | rBV2 | 248    | 229    | 0.07%  | 0.009%  |
| 71 | 10.260 | 2840 | 2852 | 2868 | rVB  | 77489  | 121920 | 34.81% | 4.709%  |

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Filtering: 5  
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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  | 10.334 | 2872 | 2875 | 2879 | rBV2 | 245    | 198    | 0.06%  | 0.008% |
| 73  | 10.424 | 2894 | 2903 | 2913 | rVB3 | 6958   | 11123  | 3.18%  | 0.430% |
| 74  | 10.543 | 2935 | 2940 | 2943 | rBV2 | 267    | 239    | 0.07%  | 0.009% |
| 75  | 10.579 | 2948 | 2951 | 2953 | rBV  | 215    | 169    | 0.05%  | 0.007% |
| 76  | 10.817 | 3022 | 3025 | 3030 | rVB2 | 246    | 232    | 0.07%  | 0.009% |
| 77  | 10.849 | 3030 | 3035 | 3038 | rBV2 | 163    | 230    | 0.07%  | 0.009% |
| 78  | 10.936 | 3059 | 3062 | 3065 | rBV  | 208    | 191    | 0.05%  | 0.007% |
| 79  | 10.977 | 3072 | 3075 | 3080 | rBV2 | 236    | 234    | 0.07%  | 0.009% |
| 80  | 11.074 | 3101 | 3105 | 3107 | rBV  | 207    | 142    | 0.04%  | 0.005% |
| 81  | 11.093 | 3107 | 3111 | 3115 | rBV  | 244    | 261    | 0.07%  | 0.010% |
| 82  | 11.186 | 3136 | 3140 | 3143 | rBV2 | 354    | 242    | 0.07%  | 0.009% |
| 83  | 11.292 | 3163 | 3173 | 3192 | rVB  | 147360 | 241452 | 68.95% | 9.326% |
| 84  | 11.575 | 3254 | 3261 | 3271 | rBV5 | 2767   | 4516   | 1.29%  | 0.174% |
| 85  | 11.672 | 3279 | 3291 | 3307 | rBB  | 143517 | 232323 | 66.34% | 8.974% |
| 86  | 11.878 | 3350 | 3355 | 3356 | rBV  | 303    | 179    | 0.05%  | 0.007% |
| 87  | 12.009 | 3392 | 3396 | 3398 | rBV2 | 228    | 196    | 0.06%  | 0.008% |
| 88  | 12.244 | 3464 | 3469 | 3472 | rBV2 | 263    | 310    | 0.09%  | 0.012% |
| 89  | 12.299 | 3478 | 3486 | 3495 | rVB2 | 4056   | 6241   | 1.78%  | 0.241% |
| 90  | 12.392 | 3513 | 3515 | 3519 | rVB2 | 377    | 245    | 0.07%  | 0.009% |
| 91  | 12.607 | 3578 | 3582 | 3583 | rBV  | 199    | 163    | 0.05%  | 0.006% |
| 92  | 12.710 | 3610 | 3614 | 3615 | rBV  | 1004   | 606    | 0.17%  | 0.023% |
| 93  | 12.878 | 3663 | 3666 | 3669 | rVB2 | 291    | 190    | 0.05%  | 0.007% |
| 94  | 12.900 | 3669 | 3673 | 3677 | rBV2 | 197    | 259    | 0.07%  | 0.010% |
| 95  | 12.923 | 3677 | 3680 | 3685 | rVB2 | 406    | 323    | 0.09%  | 0.012% |
| 96  | 13.328 | 3803 | 3806 | 3807 | rBV2 | 242    | 160    | 0.05%  | 0.006% |
| 97  | 13.636 | 3897 | 3902 | 3906 | rVB4 | 693    | 766    | 0.22%  | 0.030% |
| 98  | 14.511 | 4171 | 4174 | 4181 | rVB3 | 579    | 439    | 0.13%  | 0.017% |
| 99  | 15.164 | 4375 | 4377 | 4378 | rBV2 | 396    | 187    | 0.05%  | 0.007% |
| 100 | 15.222 | 4391 | 4395 | 4397 | rBV2 | 381    | 251    | 0.07%  | 0.010% |

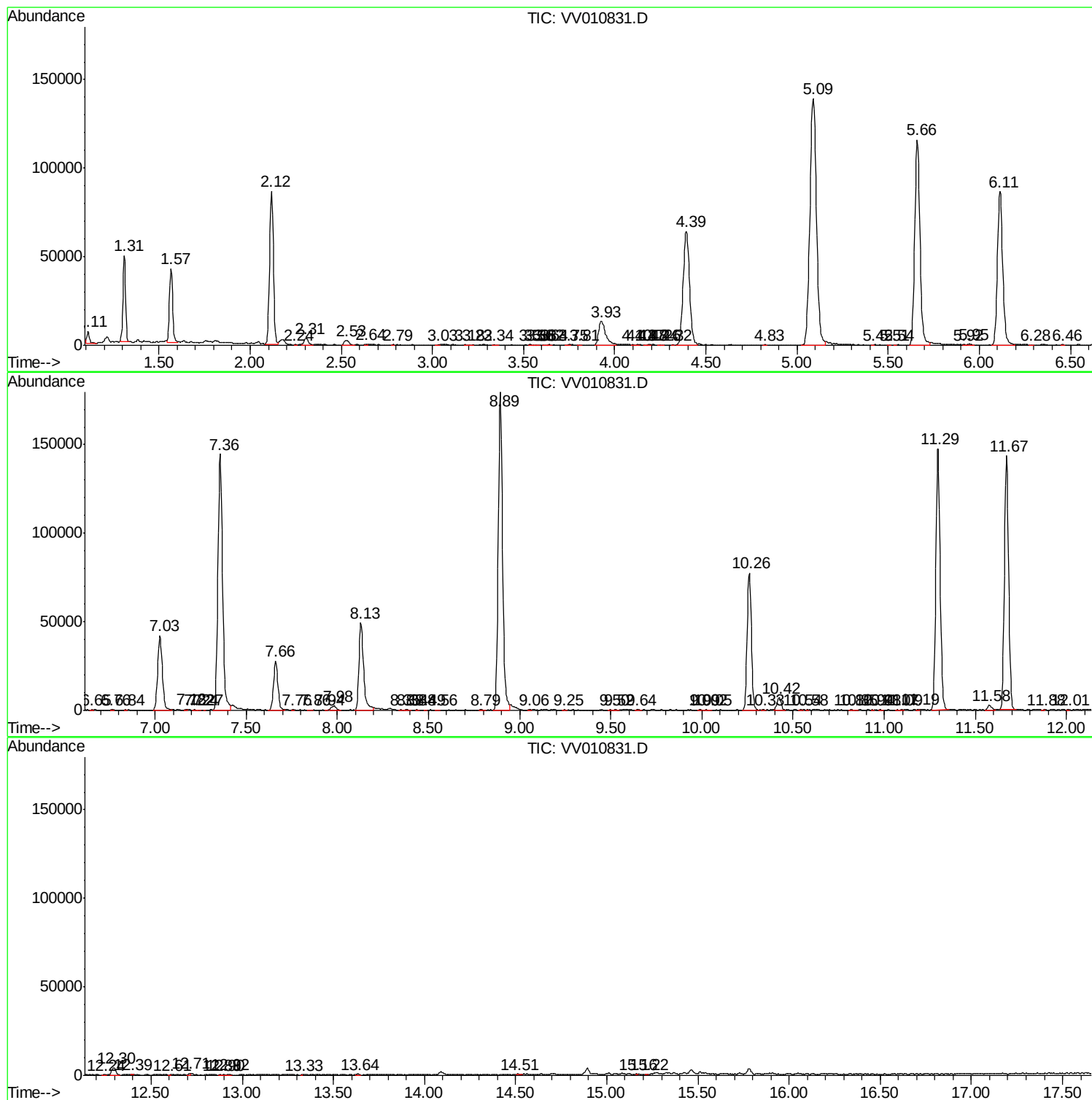
Sum of corrected areas: 2588883

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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  
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        |