

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\  
 Data File : VV010090.D  
 Acq On : 03 Apr 2019 14:07  
 Operator : SY/MD  
 Sample : K2215-04  
 Misc : 5.31G/10mL/MSVOA V/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF2M5

## 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\SOM2VLM040219S.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         | 1.319       | 66            | 71          | 85           | rVB      | 98690          | 100695        | 11.53%          | 1.474%        |
| 2         | 1.573       | 145           | 150         | 168          | rVB      | 145127         | 174433        | 19.97%          | 2.553%        |
| 3         | 2.126       | 313           | 322         | 336          | rVB      | 241175         | 345341        | 39.53%          | 5.054%        |
| 4         | 2.312       | 378           | 380         | 382          | rBV      | 434            | 268           | 0.03%           | 0.004%        |
| 5         | 2.537       | 443           | 450         | 461          | rVB3     | 12277          | 20506         | 2.35%           | 0.300%        |
| 6         | 2.650       | 476           | 485         | 501          | rBV2     | 11273          | 25250         | 2.89%           | 0.369%        |
| 7         | 2.839       | 542           | 544         | 546          | rBV      | 417            | 229           | 0.03%           | 0.003%        |
| 8         | 2.878       | 553           | 556         | 557          | rBV      | 393            | 279           | 0.03%           | 0.004%        |
| 9         | 3.071       | 608           | 616         | 624          | rVV7     | 2005           | 3810          | 0.44%           | 0.056%        |
| 10        | 3.302       | 686           | 688         | 691          | rBV2     | 476            | 259           | 0.03%           | 0.004%        |
| 11        | 3.409       | 718           | 721         | 725          | rVB2     | 792            | 509           | 0.06%           | 0.007%        |
| 12        | 3.511       | 750           | 753         | 755          | rBV      | 478            | 257           | 0.03%           | 0.004%        |
| 13        | 3.582       | 770           | 775         | 777          | rBV      | 689            | 421           | 0.05%           | 0.006%        |
| 14        | 3.685       | 803           | 807         | 808          | rBV2     | 676            | 502           | 0.06%           | 0.007%        |
| 15        | 3.711       | 813           | 815         | 819          | rVB3     | 406            | 217           | 0.02%           | 0.003%        |
| 16        | 3.791       | 837           | 840         | 842          | rBV2     | 449            | 272           | 0.03%           | 0.004%        |
| 17        | 3.862       | 858           | 862         | 865          | rVB3     | 439            | 288           | 0.03%           | 0.004%        |
| 18        | 3.891       | 867           | 871         | 876          | rVB4     | 593            | 414           | 0.05%           | 0.006%        |
| 19        | 3.945       | 876           | 888         | 920          | rBV2     | 22647          | 95101         | 10.89%          | 1.392%        |
| 20        | 4.306       | 997           | 1000        | 1005         | rVB3     | 850            | 738           | 0.08%           | 0.011%        |
| 21        | 4.331       | 1005          | 1008        | 1009         | rBV      | 388            | 256           | 0.03%           | 0.004%        |
| 22        | 4.399       | 1012          | 1029        | 1051         | rBV      | 130165         | 326362        | 37.36%          | 4.776%        |
| 23        | 4.624       | 1097          | 1099        | 1102         | rVB3     | 501            | 235           | 0.03%           | 0.003%        |
| 24        | 4.662       | 1110          | 1111        | 1115         | rVB4     | 565            | 375           | 0.04%           | 0.005%        |
| 25        | 4.704       | 1122          | 1124        | 1125         | rBV      | 694            | 297           | 0.03%           | 0.004%        |
| 26        | 4.743       | 1134          | 1136        | 1138         | rBV2     | 452            | 214           | 0.02%           | 0.003%        |
| 27        | 4.852       | 1168          | 1170        | 1174         | rVB      | 570            | 279           | 0.03%           | 0.004%        |
| 28        | 4.878       | 1174          | 1178        | 1181         | rBV2     | 609            | 552           | 0.06%           | 0.008%        |
| 29        | 5.013       | 1217          | 1220        | 1223         | rBV4     | 484            | 358           | 0.04%           | 0.005%        |
| 30        | 5.093       | 1227          | 1245        | 1275         | rBV2     | 305449         | 772115        | 88.38%          | 11.299%       |
| 31        | 5.383       | 1331          | 1335        | 1339         | rBV2     | 536            | 418           | 0.05%           | 0.006%        |
| 32        | 5.421       | 1341          | 1347        | 1348         | rBV2     | 520            | 466           | 0.05%           | 0.007%        |
| 33        | 5.473       | 1359          | 1363        | 1366         | rBV2     | 358            | 327           | 0.04%           | 0.005%        |
| 34        | 5.662       | 1408          | 1422        | 1445         | rBV      | 275698         | 549045        | 62.85%          | 8.034%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 6.016  | 1529 | 1532 | 1535 | rBV3 | 550    | 363    | 0.04%   | 0.005%  |
| 36 | 6.035  | 1535 | 1538 | 1540 | rBV2 | 489    | 333    | 0.04%   | 0.005%  |
| 37 | 6.116  | 1548 | 1563 | 1581 | rBV  | 174917 | 353489 | 40.46%  | 5.173%  |
| 38 | 6.367  | 1636 | 1641 | 1643 | rBV  | 434    | 371    | 0.04%   | 0.005%  |
| 39 | 6.550  | 1696 | 1698 | 1699 | rBV  | 507    | 241    | 0.03%   | 0.004%  |
| 40 | 6.605  | 1713 | 1715 | 1718 | rBV2 | 334    | 233    | 0.03%   | 0.003%  |
| 41 | 6.701  | 1741 | 1745 | 1748 | rBV4 | 1802   | 1675   | 0.19%   | 0.025%  |
| 42 | 7.029  | 1835 | 1847 | 1866 | rBV2 | 78851  | 142110 | 16.27%  | 2.080%  |
| 43 | 7.360  | 1937 | 1950 | 1968 | rBV  | 357250 | 632155 | 72.36%  | 9.251%  |
| 44 | 7.662  | 2032 | 2044 | 2061 | rBV2 | 49913  | 90628  | 10.37%  | 1.326%  |
| 45 | 8.016  | 2134 | 2154 | 2180 | rBV2 | 507162 | 873648 | 100.00% | 12.784% |
| 46 | 8.138  | 2182 | 2192 | 2221 | rVB  | 83783  | 154710 | 17.71%  | 2.264%  |
| 47 | 8.460  | 2288 | 2292 | 2294 | rVV2 | 1743   | 1314   | 0.15%   | 0.019%  |
| 48 | 8.489  | 2298 | 2301 | 2305 | rVB4 | 696    | 451    | 0.05%   | 0.007%  |
| 49 | 8.601  | 2332 | 2336 | 2340 | rVB  | 479    | 391    | 0.04%   | 0.006%  |
| 50 | 8.620  | 2340 | 2342 | 2343 | rBV  | 797    | 280    | 0.03%   | 0.004%  |
| 51 | 8.897  | 2416 | 2428 | 2448 | rVV  | 395561 | 669994 | 76.69%  | 9.804%  |
| 52 | 9.064  | 2477 | 2480 | 2482 | rBV3 | 566    | 386    | 0.04%   | 0.006%  |
| 53 | 9.183  | 2511 | 2517 | 2518 | rBV2 | 1090   | 909    | 0.10%   | 0.013%  |
| 54 | 9.225  | 2527 | 2530 | 2533 | rBV2 | 621    | 383    | 0.04%   | 0.006%  |
| 55 | 9.270  | 2540 | 2544 | 2548 | rBV4 | 745    | 881    | 0.10%   | 0.013%  |
| 56 | 9.299  | 2550 | 2553 | 2554 | rBV2 | 752    | 357    | 0.04%   | 0.005%  |
| 57 | 9.383  | 2577 | 2579 | 2582 | rVB2 | 516    | 252    | 0.03%   | 0.004%  |
| 58 | 9.399  | 2582 | 2584 | 2587 | rBV2 | 494    | 315    | 0.04%   | 0.005%  |
| 59 | 9.453  | 2599 | 2601 | 2604 | rBV  | 520    | 236    | 0.03%   | 0.003%  |
| 60 | 9.505  | 2615 | 2617 | 2619 | rBV  | 523    | 301    | 0.03%   | 0.004%  |
| 61 | 9.714  | 2680 | 2682 | 2684 | rVB2 | 617    | 239    | 0.03%   | 0.003%  |
| 62 | 9.765  | 2696 | 2698 | 2702 | rBV2 | 729    | 519    | 0.06%   | 0.008%  |
| 63 | 9.836  | 2717 | 2720 | 2722 | rBV3 | 607    | 376    | 0.04%   | 0.006%  |
| 64 | 9.862  | 2727 | 2728 | 2732 | rVB  | 629    | 360    | 0.04%   | 0.005%  |
| 65 | 9.916  | 2741 | 2745 | 2748 | rBV3 | 525    | 361    | 0.04%   | 0.005%  |
| 66 | 10.061 | 2788 | 2790 | 2793 | rBV3 | 416    | 236    | 0.03%   | 0.003%  |
| 67 | 10.174 | 2823 | 2825 | 2827 | rBV  | 528    | 312    | 0.04%   | 0.005%  |
| 68 | 10.202 | 2829 | 2834 | 2836 | rVB3 | 468    | 372    | 0.04%   | 0.005%  |
| 69 | 10.260 | 2841 | 2852 | 2868 | rVV  | 162011 | 261221 | 29.90%  | 3.823%  |
| 70 | 10.315 | 2868 | 2869 | 2872 | rVB2 | 690    | 232    | 0.03%   | 0.003%  |
| 71 | 10.424 | 2894 | 2903 | 2913 | rVB5 | 8989   | 14515  | 1.66%   | 0.212%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.469 | 2914 | 2917 | 2920 | rVB2 | 564    | 337    | 0.04%  | 0.005% |
| 73  | 10.501 | 2924 | 2927 | 2930 | rBV4 | 505    | 319    | 0.04%  | 0.005% |
| 74  | 10.614 | 2960 | 2962 | 2964 | rBV2 | 410    | 213    | 0.02%  | 0.003% |
| 75  | 10.640 | 2967 | 2970 | 2974 | rVB2 | 521    | 313    | 0.04%  | 0.005% |
| 76  | 10.662 | 2974 | 2977 | 2980 | rBV3 | 863    | 525    | 0.06%  | 0.008% |
| 77  | 10.682 | 2980 | 2983 | 2984 | rBV2 | 542    | 233    | 0.03%  | 0.003% |
| 78  | 10.762 | 3006 | 3008 | 3010 | rVB2 | 563    | 218    | 0.02%  | 0.003% |
| 79  | 10.833 | 3027 | 3030 | 3035 | rBV2 | 505    | 427    | 0.05%  | 0.006% |
| 80  | 10.997 | 3078 | 3081 | 3084 | rVB2 | 434    | 229    | 0.03%  | 0.003% |
| 81  | 11.161 | 3130 | 3132 | 3135 | rBV2 | 519    | 286    | 0.03%  | 0.004% |
| 82  | 11.231 | 3150 | 3154 | 3162 | rVB5 | 1678   | 2050   | 0.23%  | 0.030% |
| 83  | 11.296 | 3162 | 3174 | 3193 | rBV  | 378845 | 624763 | 71.51% | 9.142% |
| 84  | 11.395 | 3203 | 3205 | 3207 | rBV2 | 796    | 323    | 0.04%  | 0.005% |
| 85  | 11.479 | 3228 | 3231 | 3232 | rBV2 | 435    | 291    | 0.03%  | 0.004% |
| 86  | 11.672 | 3280 | 3291 | 3309 | rVB  | 350486 | 568798 | 65.11% | 8.323% |
| 87  | 12.003 | 3387 | 3394 | 3399 | rBV4 | 629    | 1023   | 0.12%  | 0.015% |
| 88  | 12.222 | 3460 | 3462 | 3464 | rVB2 | 593    | 213    | 0.02%  | 0.003% |
| 89  | 12.447 | 3530 | 3532 | 3536 | rVB3 | 560    | 269    | 0.03%  | 0.004% |
| 90  | 12.604 | 3578 | 3581 | 3586 | rVB2 | 733    | 436    | 0.05%  | 0.006% |
| 91  | 12.903 | 3672 | 3674 | 3679 | rBV2 | 506    | 358    | 0.04%  | 0.005% |
| 92  | 12.964 | 3691 | 3693 | 3696 | rBV2 | 456    | 298    | 0.03%  | 0.004% |
| 93  | 13.334 | 3807 | 3808 | 3814 | rBV3 | 697    | 465    | 0.05%  | 0.007% |
| 94  | 13.443 | 3840 | 3842 | 3845 | rBV  | 627    | 343    | 0.04%  | 0.005% |
| 95  | 13.517 | 3861 | 3865 | 3869 | rBV2 | 655    | 661    | 0.08%  | 0.010% |
| 96  | 13.794 | 3947 | 3951 | 3954 | rBV4 | 1763   | 1714   | 0.20%  | 0.025% |
| 97  | 13.839 | 3963 | 3965 | 3967 | rBV  | 464    | 219    | 0.03%  | 0.003% |
| 98  | 14.022 | 4021 | 4022 | 4024 | rBV  | 535    | 223    | 0.03%  | 0.003% |
| 99  | 15.077 | 4348 | 4350 | 4356 | rVB3 | 843    | 766    | 0.09%  | 0.011% |
| 100 | 15.109 | 4356 | 4360 | 4363 | rBV3 | 1123   | 1133   | 0.13%  | 0.017% |

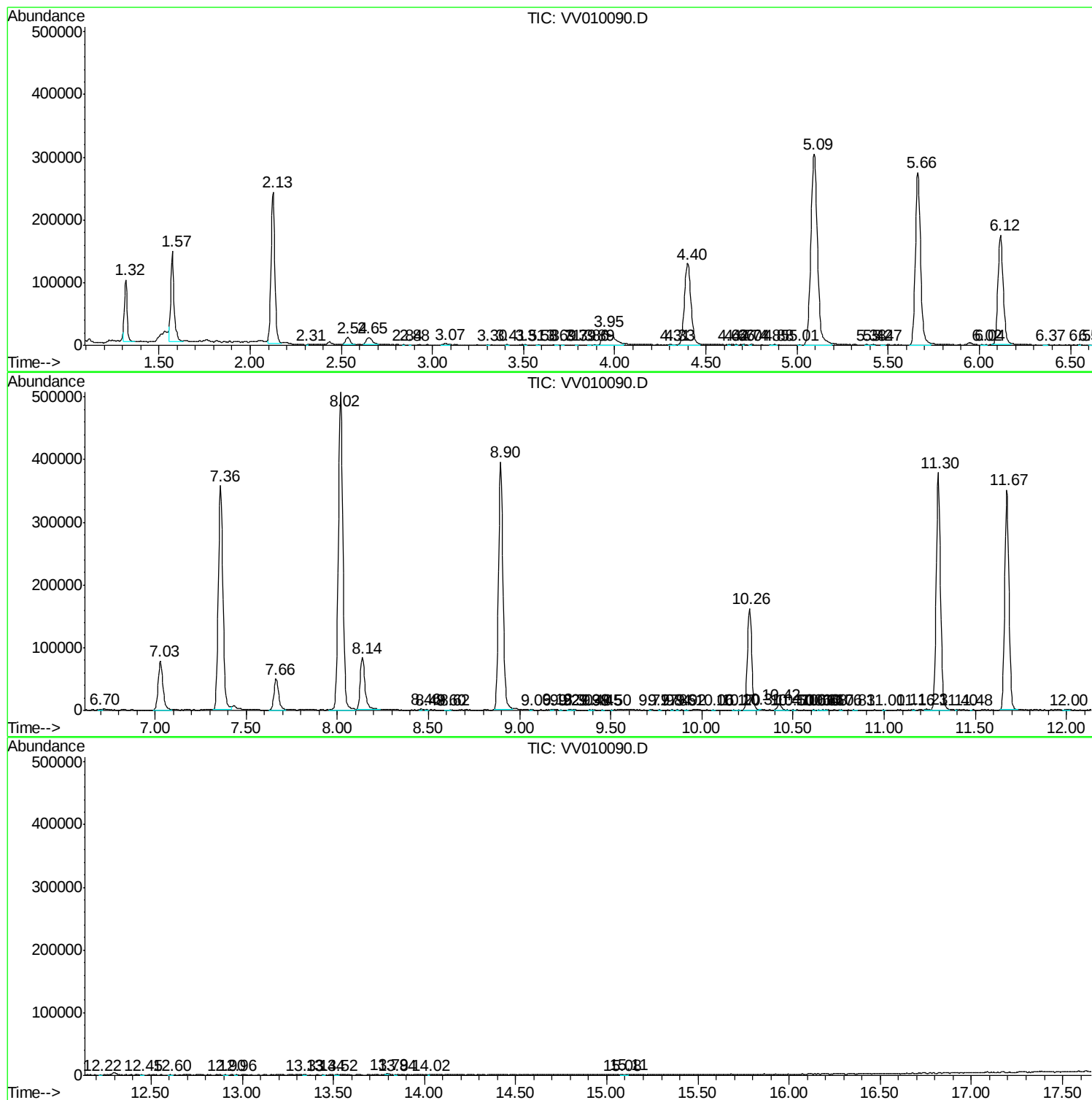
Sum of corrected areas: 6833683

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV040319\  
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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        |