

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV032919\  
 Data File : VV010000.D  
 Acq On : 29 Mar 2019 14:43  
 Operator : SY/MD  
 Sample : K2149-01RE  
 Misc : 1.69G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF5G7RE

## 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\SOM2VLM032619S.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       | 64            | 71          | 85           | rVB      | 124796         | 124335        | 20.45%          | 2.823%        |
| 2         | 1.566       | 142           | 148         | 160          | rVB      | 123381         | 144187        | 23.72%          | 3.274%        |
| 3         | 2.126       | 313           | 322         | 333          | rVB      | 308598         | 433312        | 71.28%          | 9.839%        |
| 4         | 2.534       | 438           | 449         | 467          | rBV2     | 37181          | 62314         | 10.25%          | 1.415%        |
| 5         | 2.650       | 483           | 485         | 488          | rVB2     | 885            | 408           | 0.07%           | 0.009%        |
| 6         | 2.737       | 506           | 512         | 513          | rBV2     | 612            | 567           | 0.09%           | 0.013%        |
| 7         | 2.885       | 551           | 558         | 561          | rBV4     | 1045           | 927           | 0.15%           | 0.021%        |
| 8         | 3.039       | 603           | 606         | 608          | rBV2     | 538            | 388           | 0.06%           | 0.009%        |
| 9         | 3.074       | 608           | 617         | 629          | rVB4     | 8664           | 16591         | 2.73%           | 0.377%        |
| 10        | 3.177       | 646           | 649         | 652          | rBV2     | 480            | 403           | 0.07%           | 0.009%        |
| 11        | 3.286       | 680           | 683         | 687          | rBV      | 832            | 692           | 0.11%           | 0.016%        |
| 12        | 3.505       | 747           | 751         | 753          | rBV      | 391            | 354           | 0.06%           | 0.008%        |
| 13        | 3.592       | 776           | 778         | 781          | rVB      | 699            | 357           | 0.06%           | 0.008%        |
| 14        | 3.618       | 781           | 786         | 787          | rBV      | 676            | 549           | 0.09%           | 0.012%        |
| 15        | 3.749       | 824           | 827         | 831          | rBV3     | 615            | 393           | 0.06%           | 0.009%        |
| 16        | 3.936       | 870           | 885         | 901          | rBV      | 17650          | 45167         | 7.43%           | 1.026%        |
| 17        | 4.093       | 931           | 934         | 939          | rBV3     | 585            | 617           | 0.10%           | 0.014%        |
| 18        | 4.142       | 946           | 949         | 950          | rBV2     | 523            | 278           | 0.05%           | 0.006%        |
| 19        | 4.216       | 970           | 972         | 977          | rVB2     | 990            | 532           | 0.09%           | 0.012%        |
| 20        | 4.245       | 977           | 981         | 983          | rBV2     | 1090           | 901           | 0.15%           | 0.020%        |
| 21        | 4.286       | 991           | 994         | 996          | rBV2     | 801            | 494           | 0.08%           | 0.011%        |
| 22        | 4.399       | 1013          | 1029        | 1049         | rVV      | 107376         | 263534        | 43.35%          | 5.984%        |
| 23        | 4.698       | 1118          | 1122        | 1123         | rBV2     | 674            | 376           | 0.06%           | 0.009%        |
| 24        | 4.949       | 1196          | 1200        | 1204         | rBV3     | 446            | 394           | 0.06%           | 0.009%        |
| 25        | 5.093       | 1229          | 1245        | 1270         | rVV4     | 241063         | 607889        | 100.00%         | 13.803%       |
| 26        | 5.376       | 1331          | 1333        | 1335         | rVB      | 867            | 362           | 0.06%           | 0.008%        |
| 27        | 5.563       | 1389          | 1391        | 1393         | rVB2     | 753            | 317           | 0.05%           | 0.007%        |
| 28        | 5.585       | 1393          | 1398        | 1400         | rBV3     | 757            | 668           | 0.11%           | 0.015%        |
| 29        | 5.663       | 1408          | 1422        | 1444         | rBV      | 207096         | 412453        | 67.85%          | 9.365%        |
| 30        | 5.904       | 1494          | 1497        | 1501         | rVB4     | 549            | 341           | 0.06%           | 0.008%        |
| 31        | 5.926       | 1502          | 1504        | 1506         | rBV2     | 765            | 317           | 0.05%           | 0.007%        |
| 32        | 5.942       | 1506          | 1509        | 1510         | rBV3     | 846            | 535           | 0.09%           | 0.012%        |
| 33        | 5.991       | 1519          | 1524        | 1525         | rBV2     | 582            | 355           | 0.06%           | 0.008%        |
| 34        | 6.032       | 1535          | 1537        | 1540         | rVB2     | 623            | 385           | 0.06%           | 0.009%        |

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 Sampling : 1  
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 Stop Thrs : 0

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\SOM2VLM032619S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.052  | 1540 | 1543 | 1544 | rBV2 | 569    | 316    | 0.05%  | 0.007%  |
| 36 | 6.116  | 1550 | 1563 | 1578 | rBV  | 146012 | 287571 | 47.31% | 6.530%  |
| 37 | 6.338  | 1630 | 1632 | 1635 | rBV3 | 592    | 396    | 0.07%  | 0.009%  |
| 38 | 6.518  | 1686 | 1688 | 1691 | rVV2 | 638    | 291    | 0.05%  | 0.007%  |
| 39 | 6.608  | 1713 | 1716 | 1719 | rBV2 | 349    | 295    | 0.05%  | 0.007%  |
| 40 | 6.695  | 1736 | 1743 | 1744 | rBV6 | 2546   | 2901   | 0.48%  | 0.066%  |
| 41 | 6.778  | 1767 | 1769 | 1773 | rVV2 | 711    | 343    | 0.06%  | 0.008%  |
| 42 | 6.823  | 1773 | 1783 | 1793 | rVV8 | 5002   | 10305  | 1.70%  | 0.234%  |
| 43 | 6.910  | 1807 | 1810 | 1812 | rBV  | 516    | 417    | 0.07%  | 0.009%  |
| 44 | 7.029  | 1836 | 1847 | 1867 | rVV2 | 55726  | 97473  | 16.03% | 2.213%  |
| 45 | 7.264  | 1915 | 1920 | 1923 | rBV3 | 428    | 319    | 0.05%  | 0.007%  |
| 46 | 7.302  | 1923 | 1932 | 1935 | rBV5 | 1934   | 2984   | 0.49%  | 0.068%  |
| 47 | 7.360  | 1938 | 1950 | 1967 | rBV  | 271710 | 463817 | 76.30% | 10.532% |
| 48 | 7.579  | 2017 | 2018 | 2022 | rVB3 | 571    | 347    | 0.06%  | 0.008%  |
| 49 | 7.611  | 2022 | 2028 | 2031 | rBV2 | 1187   | 883    | 0.15%  | 0.020%  |
| 50 | 7.662  | 2031 | 2044 | 2056 | rBV2 | 35722  | 59033  | 9.71%  | 1.340%  |
| 51 | 7.772  | 2075 | 2078 | 2080 | rBV3 | 502    | 335    | 0.06%  | 0.008%  |
| 52 | 7.862  | 2104 | 2106 | 2107 | rBV2 | 569    | 285    | 0.05%  | 0.006%  |
| 53 | 7.965  | 2136 | 2138 | 2139 | rBV2 | 680    | 372    | 0.06%  | 0.008%  |
| 54 | 8.016  | 2152 | 2154 | 2156 | rBV2 | 806    | 351    | 0.06%  | 0.008%  |
| 55 | 8.132  | 2181 | 2190 | 2211 | rBV  | 54789  | 103532 | 17.03% | 2.351%  |
| 56 | 8.318  | 2246 | 2248 | 2251 | rBV2 | 553    | 416    | 0.07%  | 0.009%  |
| 57 | 8.486  | 2296 | 2300 | 2306 | rVB2 | 390    | 385    | 0.06%  | 0.009%  |
| 58 | 8.617  | 2340 | 2341 | 2347 | rVB  | 560    | 379    | 0.06%  | 0.009%  |
| 59 | 8.691  | 2360 | 2364 | 2366 | rBV2 | 759    | 578    | 0.10%  | 0.013%  |
| 60 | 8.762  | 2384 | 2386 | 2392 | rBV2 | 492    | 442    | 0.07%  | 0.010%  |
| 61 | 8.897  | 2415 | 2428 | 2447 | rBV  | 288617 | 485836 | 79.92% | 11.032% |
| 62 | 9.052  | 2473 | 2476 | 2477 | rBV3 | 1159   | 640    | 0.11%  | 0.015%  |
| 63 | 9.174  | 2510 | 2514 | 2515 | rBV  | 627    | 425    | 0.07%  | 0.010%  |
| 64 | 9.286  | 2545 | 2549 | 2552 | rBV2 | 554    | 538    | 0.09%  | 0.012%  |
| 65 | 9.344  | 2563 | 2567 | 2570 | rVB2 | 674    | 473    | 0.08%  | 0.011%  |
| 66 | 9.492  | 2608 | 2613 | 2615 | rBV  | 627    | 524    | 0.09%  | 0.012%  |
| 67 | 9.707  | 2678 | 2680 | 2684 | rBV3 | 607    | 326    | 0.05%  | 0.007%  |
| 68 | 10.042 | 2780 | 2784 | 2787 | rBV2 | 577    | 404    | 0.07%  | 0.009%  |
| 69 | 10.260 | 2842 | 2852 | 2866 | rBV  | 103838 | 166660 | 27.42% | 3.784%  |
| 70 | 10.367 | 2880 | 2885 | 2887 | rBV2 | 617    | 496    | 0.08%  | 0.011%  |
| 71 | 10.405 | 2895 | 2897 | 2898 | rBV  | 777    | 377    | 0.06%  | 0.009%  |

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## Integration Parameters: LSCINT.P

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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\SOM2VLM032619S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.421 | 2898 | 2902 | 2907 | rVB5 | 1706   | 2123   | 0.35%  | 0.048% |
| 73  | 10.627 | 2963 | 2966 | 2969 | rBV2 | 768    | 588    | 0.10%  | 0.013% |
| 74  | 10.682 | 2981 | 2983 | 2986 | rVB2 | 542    | 303    | 0.05%  | 0.007% |
| 75  | 10.701 | 2986 | 2989 | 2991 | rBV  | 874    | 445    | 0.07%  | 0.010% |
| 76  | 10.797 | 3017 | 3019 | 3023 | rVV3 | 484    | 335    | 0.06%  | 0.008% |
| 77  | 11.190 | 3134 | 3141 | 3149 | rBV3 | 1658   | 2144   | 0.35%  | 0.049% |
| 78  | 11.235 | 3152 | 3155 | 3160 | rBV4 | 1349   | 1224   | 0.20%  | 0.028% |
| 79  | 11.296 | 3163 | 3174 | 3192 | rBV2 | 181443 | 306178 | 50.37% | 6.952% |
| 80  | 11.576 | 3258 | 3261 | 3262 | rBV2 | 553    | 307    | 0.05%  | 0.007% |
| 81  | 11.672 | 3280 | 3291 | 3306 | rBV2 | 153594 | 259914 | 42.76% | 5.902% |
| 82  | 11.778 | 3322 | 3324 | 3327 | rBV3 | 624    | 318    | 0.05%  | 0.007% |
| 83  | 11.833 | 3339 | 3341 | 3347 | rVV2 | 435    | 392    | 0.06%  | 0.009% |
| 84  | 12.016 | 3394 | 3398 | 3402 | rBV3 | 559    | 579    | 0.10%  | 0.013% |
| 85  | 12.145 | 3436 | 3438 | 3442 | rVB2 | 936    | 555    | 0.09%  | 0.013% |
| 86  | 12.293 | 3478 | 3484 | 3489 | rBV3 | 1246   | 1716   | 0.28%  | 0.039% |
| 87  | 12.948 | 3685 | 3688 | 3692 | rBV  | 848    | 587    | 0.10%  | 0.013% |
| 88  | 13.328 | 3804 | 3806 | 3811 | rVB3 | 846    | 677    | 0.11%  | 0.015% |
| 89  | 13.402 | 3826 | 3829 | 3832 | rBV2 | 560    | 277    | 0.05%  | 0.006% |
| 90  | 13.627 | 3896 | 3899 | 3902 | rBV3 | 585    | 375    | 0.06%  | 0.009% |
| 91  | 13.759 | 3939 | 3940 | 3944 | rVV3 | 659    | 493    | 0.08%  | 0.011% |
| 92  | 13.794 | 3944 | 3951 | 3963 | rVB7 | 5366   | 7546   | 1.24%  | 0.171% |
| 93  | 14.026 | 4021 | 4023 | 4026 | rVB2 | 731    | 374    | 0.06%  | 0.008% |
| 94  | 14.074 | 4036 | 4038 | 4040 | rBV2 | 918    | 557    | 0.09%  | 0.013% |
| 95  | 14.395 | 4136 | 4138 | 4140 | rBV2 | 846    | 463    | 0.08%  | 0.011% |
| 96  | 14.534 | 4178 | 4181 | 4184 | rBV2 | 569    | 360    | 0.06%  | 0.008% |
| 97  | 14.585 | 4195 | 4197 | 4201 | rBV3 | 553    | 383    | 0.06%  | 0.009% |
| 98  | 15.263 | 4404 | 4408 | 4409 | rBV3 | 781    | 523    | 0.09%  | 0.012% |
| 99  | 15.563 | 4499 | 4501 | 4509 | rBV4 | 840    | 726    | 0.12%  | 0.016% |
| 100 | 15.675 | 4533 | 4536 | 4538 | rBV2 | 735    | 453    | 0.07%  | 0.010% |

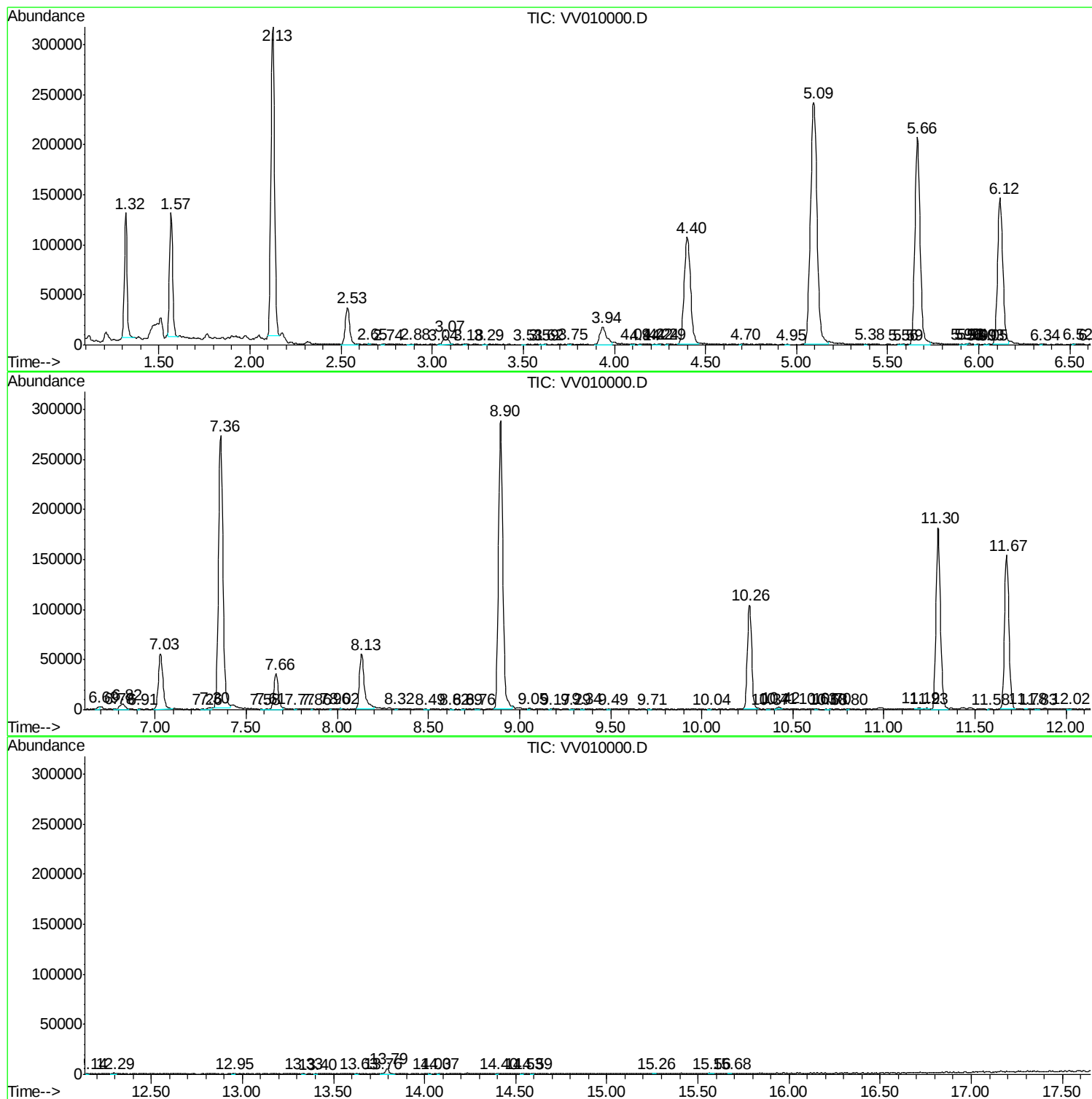
Sum of corrected areas: 4404072

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM032619S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV032919\  
Data File : VV010000.D  
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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        |