

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\  
 Data File : VV013057.D  
 Acq On : 08 Oct 2019 13:50  
 Operator : SY/MD  
 Sample : K5262-01  
 Misc : 5.89G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFB68

## 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\SOM2VLM092319S.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          | 90           | rVB      | 288822         | 314537        | 14.96%          | 2.237%        |
| 2         | 1.586       | 146           | 154         | 166          | rBV      | 279698         | 318223        | 15.14%          | 2.263%        |
| 3         | 2.129       | 313           | 323         | 338          | rBV      | 471953         | 669388        | 31.84%          | 4.761%        |
| 4         | 2.473       | 419           | 430         | 439          | rBV6     | 4822           | 9226          | 0.44%           | 0.066%        |
| 5         | 2.537       | 439           | 450         | 465          | rBV2     | 53382          | 108440        | 5.16%           | 0.771%        |
| 6         | 2.679       | 491           | 494         | 496          | rBV2     | 819            | 591           | 0.03%           | 0.004%        |
| 7         | 2.788       | 517           | 528         | 543          | rVB2     | 15085          | 32225         | 1.53%           | 0.229%        |
| 8         | 2.843       | 543           | 545         | 549          | rBV2     | 1086           | 590           | 0.03%           | 0.004%        |
| 9         | 2.930       | 568           | 572         | 575          | rVV3     | 814            | 610           | 0.03%           | 0.004%        |
| 10        | 2.978       | 575           | 587         | 601          | rVV9     | 3324           | 8302          | 0.39%           | 0.059%        |
| 11        | 3.074       | 604           | 617         | 631          | rBV3     | 37462          | 75187         | 3.58%           | 0.535%        |
| 12        | 3.261       | 666           | 675         | 687          | rBV10    | 3712           | 8047          | 0.38%           | 0.057%        |
| 13        | 3.389       | 710           | 715         | 719          | rBV6     | 800            | 923           | 0.04%           | 0.007%        |
| 14        | 3.489       | 743           | 746         | 748          | rVV2     | 1229           | 946           | 0.04%           | 0.007%        |
| 15        | 3.550       | 760           | 765         | 768          | rVB3     | 666            | 648           | 0.03%           | 0.005%        |
| 16        | 3.627       | 785           | 789         | 792          | rBV4     | 943            | 776           | 0.04%           | 0.006%        |
| 17        | 3.663       | 796           | 800         | 803          | rBV2     | 681            | 632           | 0.03%           | 0.004%        |
| 18        | 3.701       | 809           | 812         | 814          | rBV3     | 1179           | 777           | 0.04%           | 0.006%        |
| 19        | 3.798       | 837           | 842         | 844          | rBV5     | 861            | 882           | 0.04%           | 0.006%        |
| 20        | 3.894       | 867           | 872         | 876          | rBV3     | 690            | 694           | 0.03%           | 0.005%        |
| 21        | 3.952       | 876           | 890         | 924          | rBV2     | 58046          | 219363        | 10.43%          | 1.560%        |
| 22        | 4.309       | 998           | 1001        | 1004         | rBV4     | 820            | 721           | 0.03%           | 0.005%        |
| 23        | 4.396       | 1010          | 1028        | 1052         | rBV      | 362627         | 895740        | 42.61%          | 6.371%        |
| 24        | 4.579       | 1082          | 1085        | 1088         | rVB4     | 1176           | 794           | 0.04%           | 0.006%        |
| 25        | 4.717       | 1116          | 1128        | 1141         | rBV9     | 6409           | 16610         | 0.79%           | 0.118%        |
| 26        | 4.955       | 1188          | 1202        | 1217         | rVB5     | 12386          | 30144         | 1.43%           | 0.214%        |
| 27        | 5.090       | 1225          | 1244        | 1270         | rBV2     | 837985         | 2102409       | 100.00%         | 14.954%       |
| 28        | 5.354       | 1322          | 1326        | 1328         | rBV3     | 1465           | 1103          | 0.05%           | 0.008%        |
| 29        | 5.437       | 1345          | 1352        | 1364         | rVB3     | 2351           | 5532          | 0.26%           | 0.039%        |
| 30        | 5.486       | 1364          | 1367        | 1369         | rBV3     | 1053           | 783           | 0.04%           | 0.006%        |
| 31        | 5.534       | 1369          | 1382        | 1392         | rBV3     | 15710          | 31839         | 1.51%           | 0.226%        |
| 32        | 5.659       | 1407          | 1421        | 1447         | rBV      | 765753         | 1515113       | 72.07%          | 10.776%       |
| 33        | 5.875       | 1484          | 1488        | 1491         | rBV4     | 1105           | 866           | 0.04%           | 0.006%        |
| 34        | 5.945       | 1496          | 1510        | 1532         | rVB3     | 22811          | 52254         | 2.49%           | 0.372%        |

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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\SOM2VLM092319S.M  
 Title : VOC Analysis

|    |        |      |      |      |       |        |         |        |         |
|----|--------|------|------|------|-------|--------|---------|--------|---------|
| 35 | 6.113  | 1546 | 1562 | 1595 | rBV   | 501703 | 1023538 | 48.68% | 7.280%  |
| 36 | 6.405  | 1647 | 1653 | 1656 | rVV6  | 1574   | 1957    | 0.09%  | 0.014%  |
| 37 | 6.421  | 1656 | 1658 | 1661 | rVV3  | 1073   | 617     | 0.03%  | 0.004%  |
| 38 | 6.563  | 1697 | 1702 | 1706 | rVV5  | 599    | 651     | 0.03%  | 0.005%  |
| 39 | 6.646  | 1720 | 1728 | 1737 | rBV9  | 2513   | 4819    | 0.23%  | 0.034%  |
| 40 | 6.704  | 1742 | 1746 | 1747 | rBV4  | 1425   | 1151    | 0.05%  | 0.008%  |
| 41 | 6.788  | 1765 | 1772 | 1778 | rVB4  | 1903   | 2983    | 0.14%  | 0.021%  |
| 42 | 6.852  | 1787 | 1792 | 1794 | rBV4  | 1927   | 1279    | 0.06%  | 0.009%  |
| 43 | 6.871  | 1794 | 1798 | 1800 | rBV4  | 1076   | 937     | 0.04%  | 0.007%  |
| 44 | 6.933  | 1810 | 1817 | 1818 | rBV4  | 1175   | 1359    | 0.06%  | 0.010%  |
| 45 | 6.955  | 1820 | 1824 | 1828 | rVV4  | 2185   | 2234    | 0.11%  | 0.016%  |
| 46 | 7.026  | 1832 | 1846 | 1868 | rVV   | 228797 | 418107  | 19.89% | 2.974%  |
| 47 | 7.286  | 1923 | 1927 | 1930 | rBV3  | 1048   | 763     | 0.04%  | 0.005%  |
| 48 | 7.357  | 1935 | 1949 | 1965 | rBV   | 834012 | 1467153 | 69.78% | 10.435% |
| 49 | 7.605  | 2017 | 2026 | 2032 | rBV7  | 3989   | 6533    | 0.31%  | 0.046%  |
| 50 | 7.659  | 2033 | 2043 | 2067 | rVB   | 145310 | 255899  | 12.17% | 1.820%  |
| 51 | 7.981  | 2136 | 2143 | 2149 | rBV3  | 5199   | 7848    | 0.37%  | 0.056%  |
| 52 | 8.080  | 2171 | 2174 | 2179 | rVB5  | 729    | 724     | 0.03%  | 0.005%  |
| 53 | 8.135  | 2179 | 2191 | 2227 | rBV   | 194744 | 457815  | 21.78% | 3.256%  |
| 54 | 8.389  | 2267 | 2270 | 2271 | rBV3  | 1191   | 693     | 0.03%  | 0.005%  |
| 55 | 8.492  | 2300 | 2302 | 2309 | rVB5  | 977    | 944     | 0.04%  | 0.007%  |
| 56 | 8.543  | 2314 | 2318 | 2322 | rVV6  | 901    | 790     | 0.04%  | 0.006%  |
| 57 | 8.601  | 2330 | 2336 | 2341 | rBV7  | 1814   | 1951    | 0.09%  | 0.014%  |
| 58 | 8.698  | 2361 | 2366 | 2368 | rBV4  | 2126   | 2001    | 0.10%  | 0.014%  |
| 59 | 8.759  | 2381 | 2385 | 2390 | rBV3  | 743    | 827     | 0.04%  | 0.006%  |
| 60 | 8.826  | 2396 | 2406 | 2414 | rBV8  | 1934   | 3285    | 0.16%  | 0.023%  |
| 61 | 8.894  | 2414 | 2427 | 2455 | rBV   | 931333 | 1530501 | 72.80% | 10.886% |
| 62 | 9.051  | 2470 | 2476 | 2486 | rVB3  | 5149   | 8792    | 0.42%  | 0.063%  |
| 63 | 9.151  | 2504 | 2507 | 2509 | rBV2  | 1481   | 933     | 0.04%  | 0.007%  |
| 64 | 9.174  | 2510 | 2514 | 2515 | rBV3  | 2787   | 1669    | 0.08%  | 0.012%  |
| 65 | 9.244  | 2533 | 2536 | 2541 | rVB3  | 1229   | 957     | 0.05%  | 0.007%  |
| 66 | 9.592  | 2637 | 2644 | 2656 | rVB10 | 3233   | 8006    | 0.38%  | 0.057%  |
| 67 | 9.720  | 2678 | 2684 | 2686 | rBV5  | 593    | 602     | 0.03%  | 0.004%  |
| 68 | 9.801  | 2705 | 2709 | 2710 | rBV2  | 982    | 588     | 0.03%  | 0.004%  |
| 69 | 9.942  | 2747 | 2753 | 2754 | rBV2  | 2497   | 2027    | 0.10%  | 0.014%  |
| 70 | 10.129 | 2807 | 2811 | 2816 | rVB5  | 992    | 989     | 0.05%  | 0.007%  |
| 71 | 10.161 | 2816 | 2821 | 2824 | rBV6  | 832    | 837     | 0.04%  | 0.006%  |

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 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\SOM2VLM092319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.180 | 2825 | 2827 | 2832 | rVB2 | 857    | 596    | 0.03%  | 0.004% |
| 73  | 10.257 | 2839 | 2851 | 2873 | rBV  | 355210 | 556944 | 26.49% | 3.961% |
| 74  | 10.421 | 2891 | 2902 | 2915 | rVB  | 25923  | 43514  | 2.07%  | 0.310% |
| 75  | 10.479 | 2915 | 2920 | 2921 | rBV4 | 804    | 652    | 0.03%  | 0.005% |
| 76  | 10.492 | 2921 | 2924 | 2929 | rBV4 | 1006   | 966    | 0.05%  | 0.007% |
| 77  | 10.813 | 3019 | 3024 | 3032 | rBV5 | 1167   | 1344   | 0.06%  | 0.010% |
| 78  | 10.875 | 3040 | 3043 | 3047 | rVB2 | 1100   | 606    | 0.03%  | 0.004% |
| 79  | 10.916 | 3051 | 3056 | 3062 | rBV5 | 1672   | 1875   | 0.09%  | 0.013% |
| 80  | 10.958 | 3062 | 3069 | 3075 | rBV6 | 3231   | 4681   | 0.22%  | 0.033% |
| 81  | 11.190 | 3135 | 3141 | 3142 | rBV4 | 1495   | 1378   | 0.07%  | 0.010% |
| 82  | 11.228 | 3146 | 3153 | 3161 | rVB6 | 7386   | 10221  | 0.49%  | 0.073% |
| 83  | 11.293 | 3161 | 3173 | 3195 | rBV  | 559830 | 900406 | 42.83% | 6.404% |
| 84  | 11.582 | 3254 | 3263 | 3277 | rBV6 | 10953  | 21595  | 1.03%  | 0.154% |
| 85  | 11.669 | 3277 | 3290 | 3307 | rBV  | 469793 | 752850 | 35.81% | 5.355% |
| 86  | 11.829 | 3336 | 3340 | 3345 | rVB5 | 2633   | 2473   | 0.12%  | 0.018% |
| 87  | 12.103 | 3422 | 3425 | 3428 | rBV4 | 1101   | 665    | 0.03%  | 0.005% |
| 88  | 12.292 | 3473 | 3484 | 3498 | rBV2 | 28330  | 51181  | 2.43%  | 0.364% |
| 89  | 12.505 | 3545 | 3550 | 3556 | rBV6 | 2059   | 2645   | 0.13%  | 0.019% |
| 90  | 12.630 | 3584 | 3589 | 3592 | rBV6 | 1651   | 1717   | 0.08%  | 0.012% |
| 91  | 12.685 | 3602 | 3606 | 3608 | rBV4 | 3188   | 2529   | 0.12%  | 0.018% |
| 92  | 12.768 | 3630 | 3632 | 3638 | rVB5 | 1023   | 792    | 0.04%  | 0.006% |
| 93  | 12.932 | 3673 | 3683 | 3692 | rBV8 | 5881   | 9635   | 0.46%  | 0.069% |
| 94  | 13.064 | 3720 | 3724 | 3726 | rBV4 | 1255   | 1069   | 0.05%  | 0.008% |
| 95  | 13.080 | 3726 | 3729 | 3731 | rBV3 | 1645   | 1192   | 0.06%  | 0.008% |
| 96  | 13.312 | 3794 | 3801 | 3813 | rVB3 | 4753   | 8339   | 0.40%  | 0.059% |
| 97  | 13.553 | 3868 | 3876 | 3884 | rVV2 | 9477   | 14585  | 0.69%  | 0.104% |
| 98  | 13.627 | 3897 | 3899 | 3905 | rVB7 | 1845   | 1627   | 0.08%  | 0.012% |
| 99  | 13.791 | 3945 | 3950 | 3958 | rVB9 | 4633   | 5618   | 0.27%  | 0.040% |
| 100 | 14.698 | 4222 | 4232 | 4239 | rBV9 | 5122   | 10060  | 0.48%  | 0.072% |

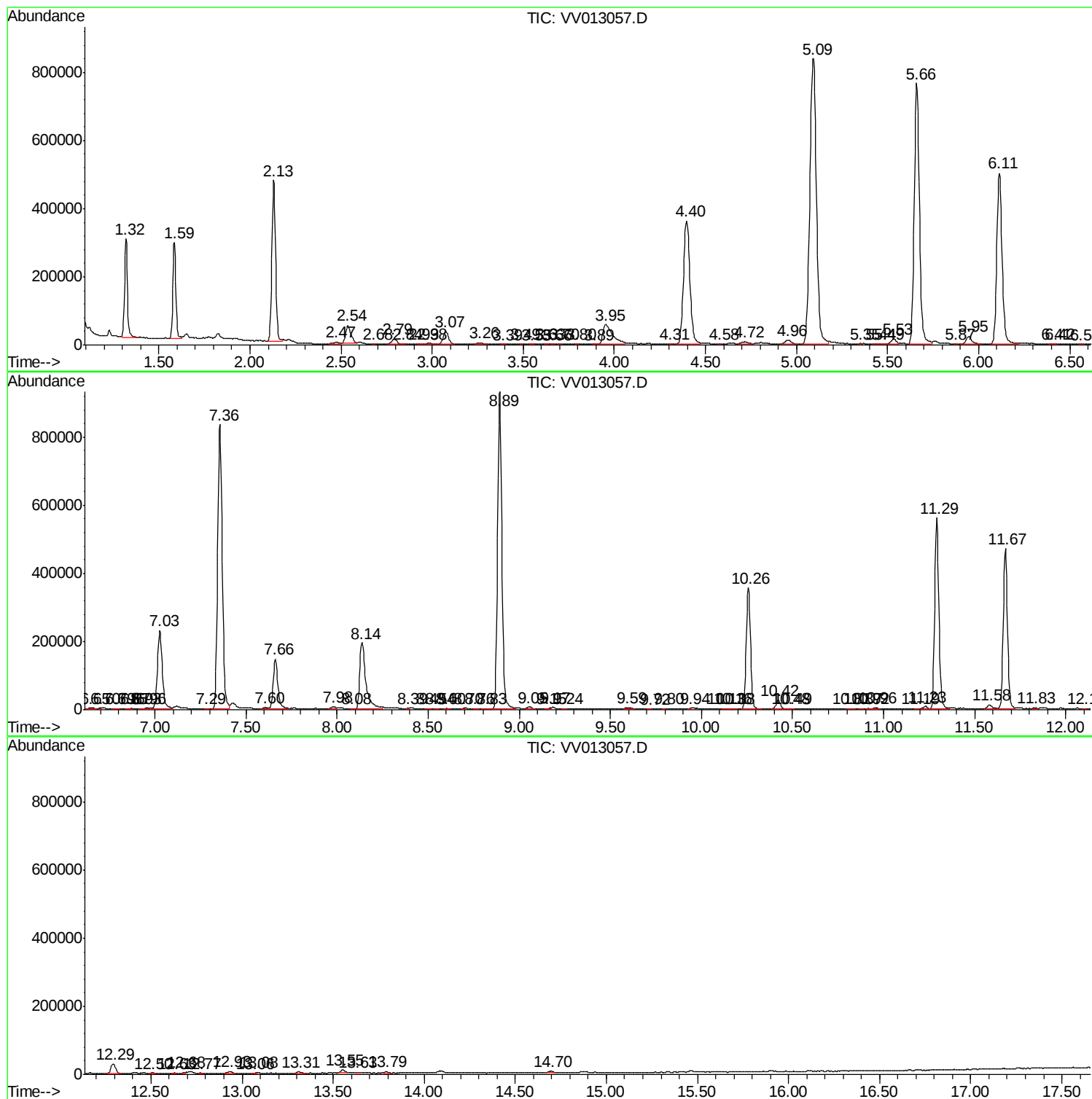
Sum of corrected areas: 14059429

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV100819\  
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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        |