

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022219\  
 Data File : VV009329.D  
 Acq On : 22 Feb 2019 15:04  
 Operator : SY/MD  
 Sample : VV0222SBL01  
 Misc : 5.00G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK61

## 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\SOM2VLM022019S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.585    | 462        | 465      | 468       | rBV2  | 290         | 216        | 0.05%        | 0.008%     |
| 2      | 2.679    | 492        | 494      | 497       | rBV2  | 315         | 186        | 0.05%        | 0.007%     |
| 3      | 2.804    | 532        | 533      | 538       | rVB   | 369         | 174        | 0.04%        | 0.007%     |
| 4      | 2.939    | 572        | 575      | 577       | rBV   | 482         | 253        | 0.06%        | 0.010%     |
| 5      | 2.958    | 580        | 581      | 585       | rVB   | 279         | 104        | 0.03%        | 0.004%     |
| 6      | 2.981    | 585        | 588      | 590       | rVB   | 174         | 95         | 0.02%        | 0.004%     |
| 7      | 2.991    | 590        | 591      | 592       | rBV   | 230         | 57         | 0.01%        | 0.002%     |
| 8      | 3.071    | 605        | 616      | 638       | rVB4  | 10235       | 21488      | 5.22%        | 0.830%     |
| 9      | 3.364    | 706        | 707      | 709       | rBV   | 140         | 55         | 0.01%        | 0.002%     |
| 10     | 3.412    | 719        | 722      | 725       | rBV2  | 201         | 120        | 0.03%        | 0.005%     |
| 11     | 3.428    | 726        | 727      | 728       | rBV2  | 323         | 83         | 0.02%        | 0.003%     |
| 12     | 3.605    | 780        | 782      | 784       | rBV   | 251         | 97         | 0.02%        | 0.004%     |
| 13     | 3.618    | 784        | 786      | 787       | rBV   | 118         | 30         | 0.01%        | 0.001%     |
| 14     | 3.675    | 801        | 804      | 806       | rBV   | 216         | 121        | 0.03%        | 0.005%     |
| 15     | 3.762    | 828        | 831      | 835       | rBV   | 423         | 241        | 0.06%        | 0.009%     |
| 16     | 3.810    | 844        | 846      | 848       | rBV   | 234         | 102        | 0.02%        | 0.004%     |
| 17     | 3.952    | 878        | 890      | 912       | rBV2  | 13156       | 38925      | 9.46%        | 1.504%     |
| 18     | 4.232    | 972        | 977      | 981       | rBV3  | 276         | 303        | 0.07%        | 0.012%     |
| 19     | 4.283    | 990        | 993      | 995       | rBV2  | 348         | 138        | 0.03%        | 0.005%     |
| 20     | 4.344    | 1011       | 1012     | 1014      | rBV   | 508         | 231        | 0.06%        | 0.009%     |
| 21     | 4.399    | 1014       | 1029     | 1049      | rVV   | 67765       | 164775     | 40.04%       | 6.368%     |
| 22     | 4.579    | 1083       | 1085     | 1087      | rBV   | 276         | 182        | 0.04%        | 0.007%     |
| 23     | 4.601    | 1091       | 1092     | 1096      | rBV   | 358         | 209        | 0.05%        | 0.008%     |
| 24     | 4.675    | 1113       | 1115     | 1117      | rBV   | 250         | 106        | 0.03%        | 0.004%     |
| 25     | 4.775    | 1142       | 1146     | 1151      | rBV2  | 466         | 399        | 0.10%        | 0.015%     |
| 26     | 4.814    | 1156       | 1158     | 1159      | rBV2  | 184         | 74         | 0.02%        | 0.003%     |
| 27     | 4.839    | 1163       | 1166     | 1169      | rVB3  | 410         | 210        | 0.05%        | 0.008%     |
| 28     | 4.990    | 1211       | 1213     | 1215      | rBV   | 161         | 49         | 0.01%        | 0.002%     |
| 29     | 5.026    | 1222       | 1224     | 1227      | rBV   | 262         | 124        | 0.03%        | 0.005%     |
| 30     | 5.093    | 1227       | 1245     | 1272      | rBV2  | 162887      | 411547     | 100.00%      | 15.904%    |
| 31     | 5.373    | 1330       | 1332     | 1333      | rBV2  | 202         | 84         | 0.02%        | 0.003%     |
| 32     | 5.486    | 1365       | 1367     | 1369      | rBV   | 150         | 78         | 0.02%        | 0.003%     |
| 33     | 5.498    | 1369       | 1371     | 1373      | rBV   | 173         | 107        | 0.03%        | 0.004%     |
| 34     | 5.589    | 1394       | 1399     | 1400      | rBV   | 311         | 180        | 0.04%        | 0.007%     |

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 Sampling : 1  
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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\SOM2VLM022019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.662  | 1410 | 1422 | 1439 | rBV  | 144994 | 289761 | 70.41% | 11.198% |
| 36 | 6.116  | 1549 | 1563 | 1590 | rBV  | 91755  | 188940 | 45.91% | 7.301%  |
| 37 | 6.386  | 1643 | 1647 | 1652 | rVB3 | 300    | 293    | 0.07%  | 0.011%  |
| 38 | 6.408  | 1652 | 1654 | 1655 | rBV2 | 257    | 122    | 0.03%  | 0.005%  |
| 39 | 6.466  | 1665 | 1672 | 1674 | rBV2 | 189    | 213    | 0.05%  | 0.008%  |
| 40 | 6.476  | 1674 | 1675 | 1678 | rVB  | 249    | 67     | 0.02%  | 0.003%  |
| 41 | 6.498  | 1679 | 1682 | 1684 | rBV  | 281    | 143    | 0.03%  | 0.006%  |
| 42 | 6.588  | 1706 | 1710 | 1712 | rBV2 | 269    | 260    | 0.06%  | 0.010%  |
| 43 | 6.656  | 1728 | 1731 | 1732 | rBV  | 411    | 195    | 0.05%  | 0.008%  |
| 44 | 6.868  | 1795 | 1797 | 1799 | rBV2 | 503    | 249    | 0.06%  | 0.010%  |
| 45 | 6.945  | 1815 | 1821 | 1823 | rBV2 | 292    | 202    | 0.05%  | 0.008%  |
| 46 | 6.958  | 1823 | 1825 | 1828 | rVV  | 163    | 86     | 0.02%  | 0.003%  |
| 47 | 7.029  | 1836 | 1847 | 1862 | rBV2 | 55729  | 101925 | 24.77% | 3.939%  |
| 48 | 7.193  | 1896 | 1898 | 1902 | rBV2 | 257    | 129    | 0.03%  | 0.005%  |
| 49 | 7.572  | 2014 | 2016 | 2019 | rBV  | 271    | 137    | 0.03%  | 0.005%  |
| 50 | 7.611  | 2024 | 2028 | 2032 | rBV2 | 329    | 248    | 0.06%  | 0.010%  |
| 51 | 7.662  | 2035 | 2044 | 2063 | rVB2 | 35018  | 60739  | 14.76% | 2.347%  |
| 52 | 7.752  | 2069 | 2072 | 2075 | rBV2 | 743    | 519    | 0.13%  | 0.020%  |
| 53 | 8.055  | 2164 | 2166 | 2172 | rVB  | 415    | 293    | 0.07%  | 0.011%  |
| 54 | 8.138  | 2181 | 2192 | 2211 | rBV2 | 56169  | 106133 | 25.79% | 4.101%  |
| 55 | 8.498  | 2300 | 2304 | 2309 | rVB2 | 388    | 375    | 0.09%  | 0.014%  |
| 56 | 8.531  | 2309 | 2314 | 2317 | rBV2 | 411    | 331    | 0.08%  | 0.013%  |
| 57 | 8.559  | 2321 | 2323 | 2324 | rBV2 | 234    | 54     | 0.01%  | 0.002%  |
| 58 | 8.643  | 2348 | 2349 | 2350 | rBV2 | 110    | 27     | 0.01%  | 0.001%  |
| 59 | 8.669  | 2353 | 2357 | 2363 | rBV2 | 395    | 476    | 0.12%  | 0.018%  |
| 60 | 8.743  | 2378 | 2380 | 2382 | rBV2 | 104    | 47     | 0.01%  | 0.002%  |
| 61 | 8.756  | 2382 | 2384 | 2388 | rVV2 | 337    | 188    | 0.05%  | 0.007%  |
| 62 | 8.897  | 2416 | 2428 | 2449 | rBV  | 218087 | 370310 | 89.98% | 14.310% |
| 63 | 9.260  | 2538 | 2541 | 2542 | rBV2 | 511    | 282    | 0.07%  | 0.011%  |
| 64 | 9.341  | 2561 | 2566 | 2568 | rBV2 | 268    | 233    | 0.06%  | 0.009%  |
| 65 | 9.421  | 2588 | 2591 | 2595 | rBV2 | 209    | 176    | 0.04%  | 0.007%  |
| 66 | 9.453  | 2600 | 2601 | 2603 | rBV2 | 152    | 68     | 0.02%  | 0.003%  |
| 67 | 9.559  | 2631 | 2634 | 2637 | rBV  | 136    | 77     | 0.02%  | 0.003%  |
| 68 | 9.585  | 2637 | 2642 | 2645 | rBV2 | 783    | 774    | 0.19%  | 0.030%  |
| 69 | 9.900  | 2738 | 2740 | 2743 | rBV2 | 275    | 145    | 0.04%  | 0.006%  |
| 70 | 10.264 | 2841 | 2853 | 2868 | rBV  | 88915  | 141074 | 34.28% | 5.452%  |
| 71 | 10.376 | 2884 | 2888 | 2889 | rBV  | 286    | 180    | 0.04%  | 0.007%  |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 72 | 10.550 | 2940 | 2942 | 2943 | rBV  | 130    | 33     | 0.01%  | 0.001%  |
| 73 | 10.604 | 2955 | 2959 | 2961 | rBV  | 278    | 183    | 0.04%  | 0.007%  |
| 74 | 10.617 | 2961 | 2963 | 2965 | rVV  | 310    | 129    | 0.03%  | 0.005%  |
| 75 | 11.238 | 3149 | 3156 | 3163 | rBV7 | 3392   | 4592   | 1.12%  | 0.177%  |
| 76 | 11.296 | 3163 | 3174 | 3192 | rVV  | 222950 | 363396 | 88.30% | 14.043% |
| 77 | 11.411 | 3208 | 3210 | 3211 | rBV  | 377    | 145    | 0.04%  | 0.006%  |
| 78 | 11.508 | 3237 | 3240 | 3243 | rBV2 | 278    | 182    | 0.04%  | 0.007%  |
| 79 | 11.672 | 3279 | 3291 | 3309 | rBV  | 195403 | 310956 | 75.56% | 12.017% |
| 80 | 11.945 | 3375 | 3376 | 3378 | rBV  | 299    | 125    | 0.03%  | 0.005%  |
| 81 | 12.087 | 3417 | 3420 | 3422 | rBV  | 561    | 290    | 0.07%  | 0.011%  |
| 82 | 12.103 | 3422 | 3425 | 3428 | rBV3 | 325    | 260    | 0.06%  | 0.010%  |
| 83 | 12.450 | 3530 | 3533 | 3536 | rVB  | 421    | 219    | 0.05%  | 0.008%  |
| 84 | 12.640 | 3591 | 3592 | 3594 | rVB  | 348    | 107    | 0.03%  | 0.004%  |
| 85 | 12.656 | 3594 | 3597 | 3598 | rBV  | 272    | 157    | 0.04%  | 0.006%  |
| 86 | 13.013 | 3706 | 3708 | 3710 | rBV  | 260    | 114    | 0.03%  | 0.004%  |
| 87 | 13.434 | 3837 | 3839 | 3844 | rVB  | 295    | 127    | 0.03%  | 0.005%  |
| 88 | 13.453 | 3844 | 3845 | 3846 | rBV  | 236    | 81     | 0.02%  | 0.003%  |

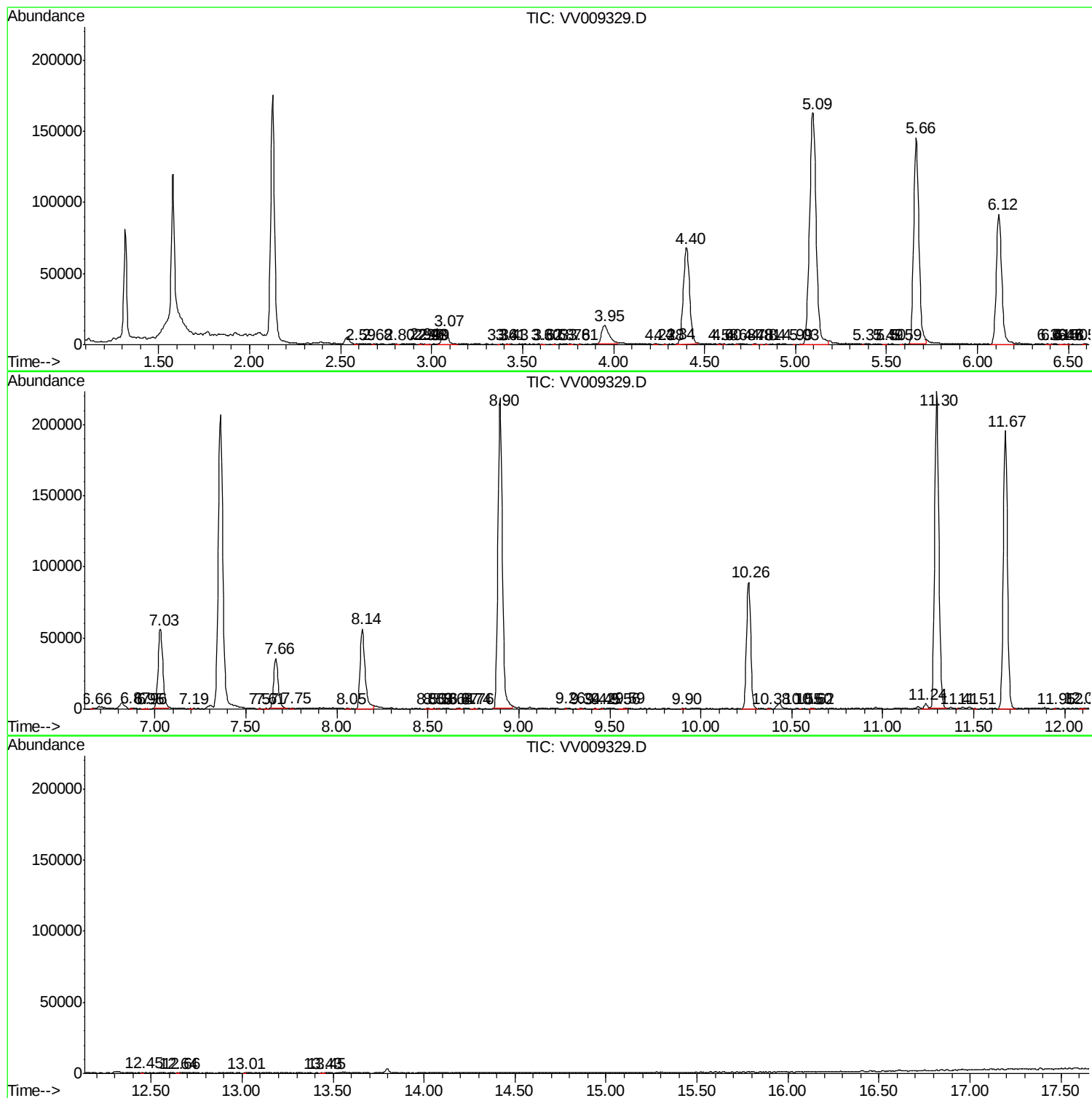
Sum of corrected areas: 2587710

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV022219\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM022019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV022219\  
Data File : VV009329.D  
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Sample : VV0222SBL01  
Misc : 5.00G/10ML/MSV0A\_V/SOIL  
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Instrument :  
MSV0A\_V  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM022019S.M  
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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        |