

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
 Data File : VV010299.D  
 Acq On : 12 Apr 2019 21:11  
 Operator : SY/MD  
 Sample : VV0412SBL02  
 Misc : 5.00G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK69

## 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\SOM2VLM041019S.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      | 1.113    | 4          | 7        | 12        | rVB   | 19338       | 15836      | 1.74%        | 0.219%     |
| 2      | 1.319    | 64         | 71       | 82        | rVB   | 130001      | 128364     | 14.09%       | 1.773%     |
| 3      | 1.560    | 140        | 146      | 158       | rVB   | 110923      | 133999     | 14.71%       | 1.850%     |
| 4      | 2.123    | 311        | 321      | 336       | rBV   | 298900      | 423210     | 46.46%       | 5.844%     |
| 5      | 2.534    | 438        | 449      | 463       | rVB   | 30555       | 52552      | 5.77%        | 0.726%     |
| 6      | 2.711    | 502        | 504      | 506       | rBV2  | 517         | 300        | 0.03%        | 0.004%     |
| 7      | 2.962    | 580        | 582      | 587       | rVB3  | 535         | 364        | 0.04%        | 0.005%     |
| 8      | 3.039    | 604        | 606      | 607       | rBV   | 605         | 327        | 0.04%        | 0.005%     |
| 9      | 3.068    | 607        | 615      | 631       | rVB5  | 6238        | 13632      | 1.50%        | 0.188%     |
| 10     | 3.148    | 638        | 640      | 643       | rVB   | 662         | 308        | 0.03%        | 0.004%     |
| 11     | 3.209    | 657        | 659      | 663       | rBV   | 499         | 365        | 0.04%        | 0.005%     |
| 12     | 3.312    | 687        | 691      | 695       | rVV3  | 567         | 471        | 0.05%        | 0.007%     |
| 13     | 3.354    | 702        | 704      | 708       | rVB2  | 595         | 405        | 0.04%        | 0.006%     |
| 14     | 3.389    | 712        | 715      | 718       | rVV   | 442         | 266        | 0.03%        | 0.004%     |
| 15     | 3.560    | 766        | 768      | 773       | rVB2  | 532         | 314        | 0.03%        | 0.004%     |
| 16     | 3.640    | 789        | 793      | 797       | rBV2  | 411         | 336        | 0.04%        | 0.005%     |
| 17     | 3.762    | 824        | 831      | 833       | rBV3  | 556         | 470        | 0.05%        | 0.006%     |
| 18     | 3.930    | 873        | 883      | 904       | rBV   | 30616       | 77936      | 8.56%        | 1.076%     |
| 19     | 4.145    | 947        | 950      | 954       | rVB3  | 733         | 563        | 0.06%        | 0.008%     |
| 20     | 4.399    | 1012       | 1029     | 1058      | rBV2  | 141558      | 380013     | 41.72%       | 5.248%     |
| 21     | 4.692    | 1117       | 1120     | 1122      | rBV3  | 572         | 412        | 0.05%        | 0.006%     |
| 22     | 4.753    | 1138       | 1139     | 1144      | rVB2  | 535         | 315        | 0.03%        | 0.004%     |
| 23     | 4.804    | 1151       | 1155     | 1158      | rBV4  | 764         | 555        | 0.06%        | 0.008%     |
| 24     | 4.833    | 1162       | 1164     | 1168      | rVB   | 606         | 312        | 0.03%        | 0.004%     |
| 25     | 4.878    | 1175       | 1178     | 1181      | rBV2  | 379         | 287        | 0.03%        | 0.004%     |
| 26     | 4.994    | 1207       | 1214     | 1216      | rBV3  | 438         | 539        | 0.06%        | 0.007%     |
| 27     | 5.023    | 1221       | 1223     | 1227      | rBV   | 386         | 258        | 0.03%        | 0.004%     |
| 28     | 5.093    | 1227       | 1245     | 1269      | rBV2  | 367138      | 910859     | 100.00%      | 12.578%    |
| 29     | 5.396    | 1337       | 1339     | 1344      | rBV2  | 692         | 492        | 0.05%        | 0.007%     |
| 30     | 5.444    | 1351       | 1354     | 1357      | rBV3  | 760         | 523        | 0.06%        | 0.007%     |
| 31     | 5.466    | 1357       | 1361     | 1364      | rVV3  | 671         | 526        | 0.06%        | 0.007%     |
| 32     | 5.492    | 1366       | 1369     | 1373      | rBV   | 493         | 379        | 0.04%        | 0.005%     |
| 33     | 5.663    | 1408       | 1422     | 1443      | rBV   | 327011      | 655705     | 71.99%       | 9.055%     |
| 34     | 5.843    | 1476       | 1478     | 1482      | rVB2  | 871         | 367        | 0.04%        | 0.005%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.859  | 1482 | 1483 | 1485 | rBV2 | 482    | 246    | 0.03%  | 0.003%  |
| 36 | 5.917  | 1499 | 1501 | 1503 | rBV2 | 571    | 309    | 0.03%  | 0.004%  |
| 37 | 6.026  | 1532 | 1535 | 1538 | rVB4 | 521    | 351    | 0.04%  | 0.005%  |
| 38 | 6.116  | 1548 | 1563 | 1580 | rBV  | 203316 | 414342 | 45.49% | 5.722%  |
| 39 | 6.296  | 1616 | 1619 | 1621 | rBV3 | 703    | 338    | 0.04%  | 0.005%  |
| 40 | 6.347  | 1631 | 1635 | 1637 | rBV2 | 757    | 466    | 0.05%  | 0.006%  |
| 41 | 6.814  | 1771 | 1780 | 1794 | rBV5 | 4316   | 9132   | 1.00%  | 0.126%  |
| 42 | 6.952  | 1820 | 1823 | 1830 | rVB3 | 607    | 513    | 0.06%  | 0.007%  |
| 43 | 7.029  | 1833 | 1847 | 1862 | rBV  | 109513 | 195144 | 21.42% | 2.695%  |
| 44 | 7.299  | 1922 | 1931 | 1933 | rBV6 | 2621   | 3447   | 0.38%  | 0.048%  |
| 45 | 7.357  | 1938 | 1949 | 1967 | rVV  | 450641 | 780984 | 85.74% | 10.784% |
| 46 | 7.663  | 2031 | 2044 | 2068 | rBV  | 74819  | 126928 | 13.93% | 1.753%  |
| 47 | 7.907  | 2117 | 2120 | 2121 | rBV2 | 614    | 290    | 0.03%  | 0.004%  |
| 48 | 7.949  | 2131 | 2133 | 2135 | rBV2 | 546    | 269    | 0.03%  | 0.004%  |
| 49 | 8.019  | 2149 | 2155 | 2164 | rVB9 | 2291   | 3333   | 0.37%  | 0.046%  |
| 50 | 8.132  | 2176 | 2190 | 2206 | rBV  | 114186 | 197394 | 21.67% | 2.726%  |
| 51 | 8.318  | 2246 | 2248 | 2249 | rBV2 | 576    | 255    | 0.03%  | 0.004%  |
| 52 | 8.363  | 2260 | 2262 | 2265 | rVB  | 638    | 312    | 0.03%  | 0.004%  |
| 53 | 8.447  | 2285 | 2288 | 2293 | rBV2 | 617    | 441    | 0.05%  | 0.006%  |
| 54 | 8.508  | 2305 | 2307 | 2312 | rBV2 | 416    | 344    | 0.04%  | 0.005%  |
| 55 | 8.531  | 2312 | 2314 | 2316 | rBV2 | 550    | 303    | 0.03%  | 0.004%  |
| 56 | 8.579  | 2323 | 2329 | 2332 | rBV3 | 922    | 1068   | 0.12%  | 0.015%  |
| 57 | 8.640  | 2345 | 2348 | 2351 | rBV2 | 472    | 321    | 0.04%  | 0.004%  |
| 58 | 8.820  | 2401 | 2404 | 2408 | rVB3 | 704    | 524    | 0.06%  | 0.007%  |
| 59 | 8.843  | 2408 | 2411 | 2414 | rBV3 | 435    | 366    | 0.04%  | 0.005%  |
| 60 | 8.894  | 2414 | 2427 | 2454 | rBV  | 505106 | 840411 | 92.27% | 11.605% |
| 61 | 9.196  | 2519 | 2521 | 2525 | rBV2 | 938    | 707    | 0.08%  | 0.010%  |
| 62 | 9.325  | 2559 | 2561 | 2565 | rVB2 | 961    | 482    | 0.05%  | 0.007%  |
| 63 | 9.453  | 2595 | 2601 | 2602 | rBV  | 641    | 541    | 0.06%  | 0.007%  |
| 64 | 9.495  | 2609 | 2614 | 2616 | rBV2 | 704    | 639    | 0.07%  | 0.009%  |
| 65 | 9.637  | 2656 | 2658 | 2660 | rBV3 | 596    | 305    | 0.03%  | 0.004%  |
| 66 | 9.978  | 2762 | 2764 | 2766 | rBV  | 795    | 386    | 0.04%  | 0.005%  |
| 67 | 10.154 | 2816 | 2819 | 2821 | rBV  | 675    | 361    | 0.04%  | 0.005%  |
| 68 | 10.183 | 2824 | 2828 | 2829 | rBV2 | 378    | 284    | 0.03%  | 0.004%  |
| 69 | 10.260 | 2841 | 2852 | 2869 | rBV  | 201652 | 320459 | 35.18% | 4.425%  |
| 70 | 10.331 | 2872 | 2874 | 2878 | rBV2 | 500    | 306    | 0.03%  | 0.004%  |
| 71 | 10.351 | 2878 | 2880 | 2884 | rBV2 | 769    | 573    | 0.06%  | 0.008%  |

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Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.514 | 2927 | 2931 | 2933 | rBV  | 535    | 322    | 0.04%  | 0.004%  |
| 73  | 10.617 | 2959 | 2963 | 2973 | rVB6 | 862    | 1070   | 0.12%  | 0.015%  |
| 74  | 10.701 | 2985 | 2989 | 2992 | rVB  | 476    | 319    | 0.04%  | 0.004%  |
| 75  | 10.736 | 2996 | 3000 | 3002 | rBV2 | 455    | 269    | 0.03%  | 0.004%  |
| 76  | 10.788 | 3014 | 3016 | 3017 | rBV  | 743    | 251    | 0.03%  | 0.003%  |
| 77  | 10.817 | 3021 | 3025 | 3030 | rVB5 | 568    | 554    | 0.06%  | 0.008%  |
| 78  | 10.891 | 3044 | 3048 | 3050 | rBV2 | 580    | 448    | 0.05%  | 0.006%  |
| 79  | 11.154 | 3126 | 3130 | 3134 | rBV3 | 351    | 319    | 0.04%  | 0.004%  |
| 80  | 11.190 | 3135 | 3141 | 3148 | rBV7 | 2004   | 2811   | 0.31%  | 0.039%  |
| 81  | 11.232 | 3148 | 3154 | 3162 | rVB6 | 1973   | 2262   | 0.25%  | 0.031%  |
| 82  | 11.296 | 3162 | 3174 | 3193 | rBV  | 452750 | 786552 | 86.35% | 10.861% |
| 83  | 11.466 | 3224 | 3227 | 3229 | rBV2 | 1644   | 1046   | 0.11%  | 0.014%  |
| 84  | 11.672 | 3275 | 3291 | 3312 | rBV  | 428101 | 720755 | 79.13% | 9.953%  |
| 85  | 11.875 | 3352 | 3354 | 3357 | rBV4 | 743    | 496    | 0.05%  | 0.007%  |
| 86  | 11.923 | 3366 | 3369 | 3370 | rBV2 | 511    | 309    | 0.03%  | 0.004%  |
| 87  | 12.138 | 3431 | 3436 | 3438 | rBV2 | 546    | 481    | 0.05%  | 0.007%  |
| 88  | 12.170 | 3444 | 3446 | 3452 | rVB4 | 795    | 675    | 0.07%  | 0.009%  |
| 89  | 12.225 | 3461 | 3463 | 3466 | rBV2 | 598    | 416    | 0.05%  | 0.006%  |
| 90  | 12.257 | 3470 | 3473 | 3474 | rBV2 | 469    | 307    | 0.03%  | 0.004%  |
| 91  | 12.392 | 3512 | 3515 | 3518 | rBV2 | 544    | 363    | 0.04%  | 0.005%  |
| 92  | 12.424 | 3522 | 3525 | 3528 | rBV2 | 438    | 349    | 0.04%  | 0.005%  |
| 93  | 12.694 | 3602 | 3609 | 3612 | rBV6 | 2247   | 2226   | 0.24%  | 0.031%  |
| 94  | 12.932 | 3681 | 3683 | 3686 | rVB2 | 931    | 442    | 0.05%  | 0.006%  |
| 95  | 12.955 | 3687 | 3690 | 3696 | rVB2 | 519    | 445    | 0.05%  | 0.006%  |
| 96  | 13.299 | 3791 | 3797 | 3800 | rBV4 | 1072   | 1274   | 0.14%  | 0.018%  |
| 97  | 13.547 | 3871 | 3874 | 3878 | rBV3 | 702    | 670    | 0.07%  | 0.009%  |
| 98  | 13.688 | 3915 | 3918 | 3920 | rBV2 | 549    | 397    | 0.04%  | 0.005%  |
| 99  | 13.797 | 3942 | 3952 | 3960 | rBV4 | 8080   | 11102  | 1.22%  | 0.153%  |
| 100 | 14.685 | 4226 | 4228 | 4230 | rBV2 | 802    | 380    | 0.04%  | 0.005%  |

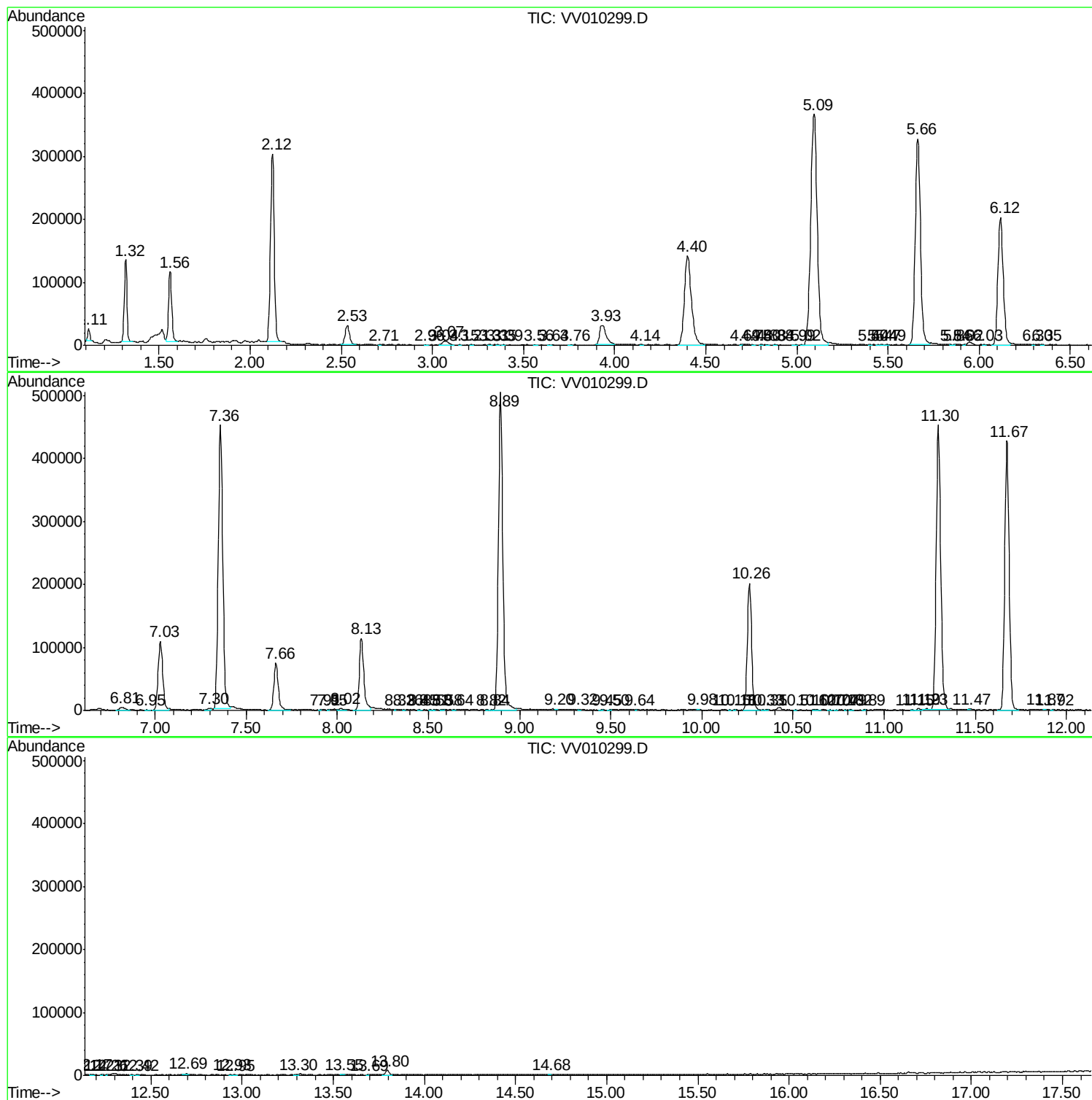
Sum of corrected areas: 7241744

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV041219\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM041019S.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV041219\  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |